

ELECTRICITY MARKET BALANCING AND SETTLEMENT REGULATION

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PART ONE General Provisions CHAPTER ONE

Purpose, Scope, Basis and Definitions

Purpose

ARTICLE 1 - (1) The purpose of this Regulation is to designate the principles and procedures regarding the balancing of active electricity supply and demand and conduct of settlement.

Scope

ARTICLE 2 - (1) This Regulation covers duties, powers and responsibilities of the parties involved in the balancing mechanism and settlement, and the procedures and principles regarding the balancing of active electricity supply and demand and the financial settlement of receivables and debts resulting from the participation of licensed legal entities in the balancing mechanism and settlement.

Legal Basis

ARTICLE 3¹ - (1) This Regulation has been prepared based on the Electricity Market Law No. 6446, dated 14.03.2013.

Definitions

ARTICLE 4²³ - (1) The following definitions shall be ascribed to the terms used in this Regulation:

a)⁴ Emergency situation: Situations that pose a danger in terms of system stability and security within the framework of the Electricity Grid Regulation published in the Official Gazette dated 28/5/2014 and numbered 29013 *bis*, as well as under the license of TEİAŞ and other provisions of the relevant legislation;

b) Emergency order: Up-regulation and down-regulation orders given by the system operator for the elimination of emergencies;

c) Intermediary bank: The bank used by market participants to carry out advance and bill payment transactions;

¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

² Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

³ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

ç) Advance payment period: The period starting from 00:00 on a calendar day within a billing period and ending at 24:00 on the same day;

d)^{5 6} Advance payment: Payment made based on the advance payment notifications made without issuing invoices for the electricity traded within the scope of the day-ahead market and the intraday market;

e) Connection point: The zone or contact point where market participants and/or eligible consumers are connected to the transmission or distribution system in accordance with their connection agreements;

f) Ministry: The Ministry of Energy and Natural Resources;

g) Chairman: Chairman of the Energy Market Regulatory Board;

ğ)⁷ Block purchase bid: Active electricity purchase bids of market participants participating in the day-ahead market that includes a single price during the specified time slot and variable volume information based on a given settlement period;

h)⁸ Block sales offer: Active electricity sales offers of market participants participating in the day-ahead market that includes a single price during the specified time slot and variable volume information based on a given settlement period;

ı) Block order: Block purchase bids and/or sales offers;

i) RLDC: Regional Load Dispatch Center;

j) Distribution: Dispatch of electricity via lines with a voltage level of 36 kV and below;

k) Distribution region: The region defined under a distribution license;

l) Distribution license holder legal entity: Distribution license holder companies incorporated in accordance with the provisions of the Turkish Commercial Code No. 6762, dated 29/6/1956 and distribution license holder Organized Industrial Zone legal entities;

m)⁹ Distribution system: Electricity distribution facilities and its network operated by a distribution company in the distribution region specified in its license;

n) Distribution company: The legal entity engaged in the distribution of electricity in a designated region;

o) Valuation coefficient: The coefficient to be used for determining the Turkish Lira equivalent of non-cash collateral requested from market participants;

ö) Balancing responsible group: A group formed by market participants and notified to Market Operator in which one participant among the group members undertakes the obligations regarding balancing responsibility on behalf of the group;

p) Balancing responsible party: A market participant that assumes financial liability of the balancing responsible group towards the Market Operator regarding energy imbalance, or a market participant that is not enrolled in any balancing responsible group;

r) Balancing: Activities carried out to keep the electricity supply and demand in balance;

s)^{10, 11} Balancing unit: A generation, consumption or electricity storage unit or facility or a part of a generation or consumption facility that may participate in balancing;

⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁸ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

ş) Balancing power market: The organized wholesale electricity market, operated by the System Operator and where the reserve capacity made available by changes achievable in power output within 15 minutes, is sold or purchased, to serve the purpose of real-time balancing of demand and supply;

t)¹² Balancing mechanism: Activities consisting of, the day-ahead market, intraday market and real-time balancing that complement the bilateral agreements and the power futures market;

u) EIC: Energy identification coding system whose principles and procedures regarding its formation has been determined by ENTSO-E, announced in the official website of the association and used in all member countries of ENTSO-E;

ü)¹³ Flexible sales offer: Active electricity sales offers of market participants participating in the day-ahead market, valid within the specified bid period, including the single price applicable throughout the bid period and variable volume information based on the applicable settlement period;

v)¹⁴ Matching: The process of evaluating all bids submitted to the day-ahead market for a specific bidding zone or a zone consisting of specific bidding zones;

y) ENTSO-E: The European Network of Transmission System Operators for Electricity;

z) Billing period: The period that begins at 00:00 hours on the first day of a calendar month and ends at 24:00 hours on the last day of that month;

aa) Price zone: All bidding zones with the same hourly marginal price for a settlement period within the scope of the balancing power market;

bb) Real-time balancing: Activities carried out by the system operator in order to balance the active electricity supply and demand in real time;

cc)¹⁵

çç)¹⁶

dd) Day-ahead market: Organized wholesale electricity market established and operated by the Market Operator on the basis of the settlement period for electricity purchase and sale transactions to be delivered one day later;

ee)¹⁷

ff) Day-ahead market participation agreement: The standard agreement including terms and conditions regarding market participant's participation in the day-ahead market and management of the day-ahead market by the Market Operator;

gg)¹⁸ Day-ahead market orders: Hourly purchase and sales orders, block purchase and sales orders and flexible purchase and sales orders that are submitted by market participants participating in the day-ahead market;

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hh)²⁰

¹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹³ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

¹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹⁵ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁶ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

¹⁹ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²⁰ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

- n)²¹
- ii)²²
- jj)²³ Day-ahead sales offers: Hourly, block and flexible sales offers submitted within the scope of the day-ahead market;
- kk)^{24 25} Day-ahead purchase bids: Hourly, block and flexible purchase bids submitted within the scope of the day-ahead market;
- ll)²⁶ Bilateral agreement: Commercial agreements between individuals and legal entities, subject to the provisions of private law, regarding the purchase and sale of electricity and/or capacity that are not subject to Board approval;
- mm) Transmission: Dispatch of electricity via lines with a voltage level higher than 36 kV;
- nn) Transmission capacity: The volume of electric power that can be dispatched/withdrawn from any point of the transmission line, as expressed in megawatt (MW) terms;
- oo) Transmission system: Electricity transmission facilities and network;
- öö) Transmission system configuration: Calculation rules that includes information such as the meters to be referenced in the calculation of the electricity fed in to the transmission system or electricity fed out of the transmission system, and direction of the meters in terms of feed in and feed out and loss factor that will be applied to the meters;
- pp) Relevant Legislation: Laws, Presidential decrees, Presidential decisions,²⁷ regulations, communiqués, circulars, Board decisions regarding the electricity market and the license or licenses owned by the relevant legal entities;
- rr)²⁸ Reference connection node: The reference point used in the calculation of losses under the Procedures and Principles relating to Calculation Methodology for Loss Coefficients, prepared by the Authority and entered into force upon approval of the Board;
- ss)²⁹ Law: Electricity Market Law No. 6446;
- şş)³⁰ Final day-ahead generation/consumption schedule (FDGS): The generation or consumption values which a settlement feed in-feed out unit anticipates to realize in the following day and notifies the System Operator at the opening of the balancing power market, depending on the obligations of the balancing responsible unit that it is a member of and the result of day-ahead balancing;
- tt) Congestion management: Methods regarding the elimination of congestion that occur or are expected to occur in the transmission line;
- uu) Uncongested market clearing price (UMCP): Hourly electricity purchase-sale price determined as a result of matching the purchase and sale bids for all bidding zones in the day-ahead market for a certain hour;
- üü) Board: The Energy Market Regulatory Board;
- vv) Authority: The Energy Market Regulatory Authority;

²¹ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²² Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²⁴ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

²⁸ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

yy)^{31 32} Central settlement institution: Central settlement institution established as a central clearing institution in accordance with the Capital Markets Law No. 6362 dated 6/12/2012, used to carry out financial transactions among market participants to be determined by this Regulation;

zz)³³ Central settlement institution agreement: The agreement to be signed between the Market Operator and the central settlement institution, which includes the duties and responsibilities of the parties regarding collateral management and payments;

aaa)³⁴ Central settlement institution-participant agreement: The agreement to be prepared by the Market Operator and to be signed between the market participants and the central settlement institution regarding collateral management and cash clearing services;

bbb) National Load Dispatch Center (NLDC - MYTM): The central unit within TEİAŞ, which is responsible for real-time balancing of electricity supply and demand as well as system operation;

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ççç)³⁷ Final market clearing price (FMCP): The hourly electricity purchase-sale price determined in the day-ahead market for a certain hour and a certain bidding zone, considering the transmission congestion between bidding zones;

ddd)^{38 39} Organized wholesale electricity markets: Day-ahead market, intraday market and other electricity markets requiring post-dated physical delivery, where electricity, capacity or retail purchase is carried out and that is organized and operated by a central intermediary legal entity with a market operating license, and the markets operated by Borsa İstanbul Anonim Şirketi where standardized electricity contracts traded as capital market instruments and derivative products based on electricity and/or capacity are traded and electricity markets such as the balancing power market and ancillary services market organized and operated by TEİAŞ;

eee) Automatic meter reading system (OSOS): The system to be set up by TEİAŞ and distribution license holder legal entities, including the necessary software, hardware and communication infrastructure to automatically read the metering data remotely, to transfer the data to a central system, to verify it, to fill in the missing data, to store the data and to present it to the relevant parties in the desired format;

fff)⁴⁰

ggg)⁴¹

ğğğ) Metering system: All of the measuring equipment including meters, measurement transformers (voltage and current transformers), related communication equipment and cabling;

hhh)⁴² Market Operator: Energy Markets Operator Company of Turkey;

³¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³⁶ Repealed pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

³⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁰ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴¹ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

iii)^{43 44} Market participation agreement: The standard agreement containing the terms and conditions regarding the operation of the balancing mechanism of the Market Operator and the System Operator with the participation of the market participant in the balancing mechanism, except for the power futures market, day-ahead market and the intraday market;

iii)^{45 46 47} Market participant: License holder legal entities defined under this Regulation and the different categories that can be created for these legal entities;

jjj)⁴⁸

kkk) Market management system (MMS): Applications that are offered to the use of the Market Operator, system operator, market participants and legal entities with transmission and distribution licenses responsible for reading the meters, and running in the form of a thin client, in order to carry out the balancing mechanism and settlement procedures;

lll) Primary frequency control capacity: The part of the operational reserve, which is used to keep the system frequency within the normal regulation range by using turbine speed regulators and selected to be adequate for this operation;

mmm)⁴⁹ Hourly purchase bids: The prices and volume submitted by the market participants participating in the day-ahead market activities for the hourly active electricity purchase for each hour of the following day;

nnn)⁵⁰ Hourly sales offers: The prices and volume offered by the market participants participating in the day-ahead market activities for hourly active electricity energy sales for every hour of the following day;

ooo) Secondary frequency control capacity: The part of the operational reserve that is used by means of secondary control system and selected to be adequate for this operation, in order to release the primary control reserve used for frequency control, to bring the frequency back to its nominal value, and to keep the electricity exchange among neighboring electricity networks at the programmed level;

ööö)⁵¹ Eligible consumer: Individual or legal entity who has the right to choose its supplier because its consumption volume is more than the electricity threshold volume determined by the Board, or is directly connected to the transmission line, or has the legal personality of the organized industrial zone;

ppp)⁵²

rrr)⁵³ System purchase bid price: Unit prices demanded by market participants participating in day-ahead market activities for purchasing from the system;

⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁴⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁴⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁵² Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

sss)⁵⁴ System purchase bid volume: The decrease in generation or increase in consumption volume ordered by the market participants participating in the day-ahead market activities within the relevant balancing unit;

sss) System: All user systems including the electricity transmission and distribution systems;

ttt) System imbalance price: The price applied to energy imbalances arising from balancing responsibilities of market participants, determined on a settlement period basis;

uuu)⁵⁵ System operator: TEİAŞ;

üüü)⁵⁶ System marginal price: The bid price corresponding to the net order volume determined by taking into account all the orders given within the scope of the balancing power market, starting from the lowest of the up-regulation bids if the system direction shows energy deficit, and the highest of the down-regulation bids if the system direction shows excess energy;

vvv)⁵⁷

yyy)⁵⁸ System sales offer price: Unit prices demanded for sales to the system by market participants participating in day-ahead market activities;

zzz)⁵⁹ System sales offer volume: The increase in generation or decrease in consumption volume ordered within the relevant balancing unit by the market participants participating in the day-ahead market activities;

aaaa)⁶⁰ Demand control: Services implemented by TEİAŞ and users within the framework of the principles set forth under the Electricity Grid Regulation in order to reduce the demand in case of insufficient generation capacity;

bbbb) Demand forecast: The hourly consumption forecasts published on a daily basis by the System operator;

cccc) Order: up-regulation or down-regulation orders;

çççç) Order tag value: The value of the order label determined as 0 for balancing orders, 1 for orders for eliminating system congestion, and 2 for ancillary services;

dddd)⁶¹ Order tag: The variable used by the System Operator to determine the purpose of Up-Reg or Down-Reg orders given to market participants in the balancing power market;

eeee) TCMB: The Central Bank of the Republic of Turkey;

ffff)⁶² Supplier: Generation companies providing electrical energy and/or capacity and companies holding a supply license;

gggg) TEİAŞ: Turkish Electricity Transmission Corporation;

ğğğğ) Bidding zone: The smallest topological transmission system area where large scale transmission congestion is expected on adjacent transmission system connection points;

hhhh) Technical parameters: The values that include the performance characteristics of a balancing entity such as stepping-in, stepping-out, up-regulation, down-regulation and

⁵⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁵⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

fulfilment of orders as notified to the system operator by the market participants who own a balancing unit;

iiii) Collateral level: The total amount of valuables that can be accepted as surety collateral submitted by a market participant to the Market Operator;

iii) Tertiary control reserve capacity: The part of the operational reserve that would be manually brought into service in case of need, following the putting into service of the secondary frequency control reserve, supplied by power output deviation capability of the balancing entities within fifteen minutes and chosen to be adequate to release the secondary frequency control reserve in case of another frequency deviation risk;

jjjj)⁶³ Facility: Facility, network or equipment in which electrical energy generation, transmission or distribution activity is carried out or is ready to be carried out;

kkkk) TETAŞ: Turkish Electricity Trading and Contracting Corporation;

III) Trade limits: Hourly maximum permissible transmission capacity limits for electricity trade between the bidding zones, excluding the transmission capacity that has been closed for technical and security reasons;

mmmm) Commercial transaction approval: Notification of Market Operator to each market participant that includes the purchase and sales volume of each relevant market participant, made following the calculation of final market clearing price for each bidding zone;

nnnn)⁶⁴ Wholesale electricity market: Electricity markets like power futures market, day-ahead market, intraday market, balancing power market and ancillary services that are organized by the Market Operator and/or the System Operator, or the bilateral agreements market, where wholesale trade of electricity, capacity or derivatives take place;

oooo) Consumption: Electricity consumption;

öööö) Consumption unit: Facilities where electricity is consumed;

pppp) Settlement: Calculation of receivables and debts arising from the balancing mechanism and/or energy imbalance and the preparation of relevant receivable-debt notifications;

rrrr) Settlement period: Time periods taken as reference for settlement procedures;

ssss) Settlement delivery point: A transmission system connection point from which feed out or export is made, and that is exposed to transmission system loss;

şşşş)⁶⁵ Settlement bilateral agreement notification: Bilateral agreements that are regulated or unregulated entered into by the market participants within the scope of activities carried out in accordance with their licenses, and notifications made to the Market Operator in order to constitute the basis for settlement for the active electricity they have notified to purchase or sell in a certain settlement period;

tttt)⁶⁶ Settlement feed in-feed out unit: Units that generate or consume active electricity registered via the MMS in order to make settlement calculations for each market participant;

uuuu) Settlement feed in-feed out unit configuration: The calculation rules that include information such as the meter data, direction of the meters in terms of feed in or feed out and on behalf of which market participant the meter is registered with, which will

⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

be considered while calculating the settlement feed in-feed out volumes of settlement feed in-feed out units;

üüüü) Settlement feed in-feed out volumes: The reading values of the meters in the settlement feed in-feed out unit configuration that will be used as a basis for the settlement calculations on the basis of the active electricity delivery point referenced for settlement;

vvvv) Unit: Each generation group that can process Up-regulation and Down-regulation orders independently, the share of each gas turbine and generator, as well as the steam turbines and generators connected to the gas turbine and generator for combined cycle power plants;

yyyy) Generation: Conversion of energy resources into electricity at generation facilities;

zzzz)⁶⁷ Legal entity engaged in generation activity: Legal entities holding generation and/or Organized Industrial Zone (OIZ) generation license;

aaaaa) Generation Facility: Facilities where electricity is generated;

bbbbbb)⁶⁸ Ancillary services: Services defined under the Electricity Network Regulation;

cccc) UpReg⁶⁹: The situation where a balancing unit sells energy to the system by increasing its generation or decreasing its consumption in line with the instructions of the system operator;

ççççç)⁷⁰ Up-Reg Order: Notifications made by the System Operator to the relevant market participants participating in the balancing power market, to increase load;

ddddd) Up-Reg bid price: Unit prices demanded by market participants participating in the balancing power market to increase load;

eeee) UpReg bid volume: The increase in generation or decrease in consumption offered by the market participants participating in the balancing power market within the relevant balancing unit;

fffff) UpReg bid: Bids made by market participants participating to the balancing power market in order to increase loads, including information such as price, volume and when they are applicable;

ggggg) DownReg⁷¹: The situation where a balancing unit offtakes energy from the system by reducing its generation or increasing its consumption, in line with the instructions of the system operator;

ğğğğğ)⁷² DownReg order: Notifications made by the System Operator to the relevant market participants participating in the balancing power market for DownReg;

hhhhh) DownReg bid price: Unit prices demanded by market participants participating in the balancing power market for DownReg;

iiiii) DownReg bid volume: The decrease in generation or increase in consumption offered by the market participants participating in the balancing power market within the relevant balancing unit;

⁶⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁹ Abbreviation for Up-regulation. The terms 'UpReg' and 'Up-Regulation' are used interchangeably throughout the text.

⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷¹ Abbreviation for Down-regulation. The terms 'DownReg' and 'Down-Regulation' are used interchangeably throughout the text.

⁷² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

iiii) DownReg bid: Bids made by market participants participating in the balancing power market in order to shed loads, including information such as price, volume and when they are applicable;

jjjj)^{73 74} Lot: The volume of energy equivalent to 0,1 MWh that is used to submit bids within the scope of bilateral agreements day-ahead market and intraday market subject to settlement;

kkkk)⁷⁵ EPIAŞ: Energy Markets Operator Company of Turkey;

llll)⁷⁶ Assigned supply company: The supply company established within the scope of legal unbundling of distribution and retail sales activities or authorized by the Board as the supplier of last resort;

mmmm)⁷⁷ Intraday market participation agreement: The standard agreement signed by a market participant to participate in the intraday market;

nnnn)⁷⁸ Intraday market: Intraday market refers to the organized wholesale electricity market where electricity is traded until the gate closing time;

oooo)⁷⁹ Matching in intraday market: The completion of a transaction by fully or partially matching a purchase bid with an equal or better priced sales offer or matching a sales offer with an equal or better priced purchase bid in the intraday market;

öööö)^{80,81} Order book: MMS screens, where orders submitted for contracts traded in the power futures market and/or the intraday market are listed;

pppp)⁸² Flexible purchase bid: Active electricity purchase bids of market participants participating in the day-ahead market, valid within the specified bid period, including a single price throughout the bid period and information as to volume that may change based on settlement period;

rrrr)⁸³ Bid period: The number of one or more consecutive settlement periods in which active electricity purchase and sale will take place within the bid period specified under a flexible order;

ssss)⁸⁴ Bid time range: The time period defined by start and end times, during which block and flexible bids are valid;

ssss)⁸⁵ Unrequited market transaction: Transactions that are determined to exceed the volume calculated within the framework of the provisions set forth under the Procedure Regarding Unrequited Market Transactions prepared by the market operator using the data on sales, purchase, import, export and production of market participants;

tttt)⁸⁶ Open position: Positions that are not closed as a result of transactions carried out in the power futures market or by the methods specified in the relevant legislation, by a reverse transaction, physical delivery or other methods;

⁷³ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁷⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

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⁸⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸² Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁸³ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁸⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁸⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁸⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

uuuuu)⁸⁷ Starting price: Refers to the base price of each contract determined on the first trading day, or, in case of a temporary suspension of trading of a contract, it refers to the base price determined at the time of reopening and on trading days after the first trading day, it refers to the last daily benchmark price announced;

üüüüü)⁸⁸ Base price: Refers to the price used in calculating the daily price change limits and determined by the Market Operator on the day the contract is opened to trade, and the daily benchmark price of the previous day for other trading days;

vvvvv)⁸⁹ Daily benchmark price: Daily benchmark price/prices calculated within the framework of the principles set forth under the VEP Procedures and Principles;

yyyyy)⁹⁰ Power futures market (VEP): The power futures market imposing physical delivery obligations on market participants;

zzzzz)⁹¹ Power Futures Market Participation Agreement: The standard agreement signed by a market participant to participate in the power futures market;

aaaaa)⁹² Power futures market annual participation fee: The participation fee determined under the VEP Procedures and Principles that market participants participating in the power futures market must pay for each year;

bbbbbb)⁹³ VEP Principles and Procedures: The procedures and principles regarding operation of the power futures market pursuant to this Regulation and the relevant legislation;

ccccc)⁹⁴ Short position: The position in the power futures market that gives its owner the obligation to deliver electricity at a certain price and in a certain volume at the delivery period of the contract;

ççççç)⁹⁵ Contract: The contract that creates a physical delivery obligation on the basis of the settlement period in the power futures market and intraday market;

ddddd)^{96, 97} Market Operator default management contribution: The amount that participants undertake to pay at the market operating revenue ceiling in the event they are in default in markets operated by the Market Operator or in markets other than the ancillary services market where it carries out financial settlement procedures and serves as a central counterparty;

eeeeee)⁹⁸ Market maker: Market participants designated to encourage the forming of a liquid and continuous market in the power futures market;

ffffff)⁹⁹ Session: The period of time in which contracts are open for purchase and sale in the power futures market;

gggggg)¹⁰⁰ Default collateral account: Account excluding collaterals provided by market participants and funded with the contributions of market participants to be held by

⁸⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹¹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁹⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁹⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁰⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

the central settlement institution and the Market Operator to be used in case market participants do not fulfill their financial obligations;

ğğğğğğ)¹⁰¹ Reverse position: Elimination of the position by taking short position against long position and long position against short position for the same contract in the power futures market;

hhhhhh)¹⁰² Long position: The position with respect to transactions made in the power futures market that gives its owner the obligation to receive electricity at a certain price and in a certain volume at the delivery period of the contract;

ıııııı)¹⁰³ Procedure: Refers to the regulations prepared regarding the organized wholesale electricity markets operated by the Market Operator or where financial settlement and other financial transactions are carried out by the Market Operator, and that are binding for the relevant parties and market participants.

ıııııı)^{104, 105} Electricity storage facility: A facility that can store electricity by converting it into another energy type and feed the stored energy into the system for use by converting it back into electricity.

jjjjjj)¹⁰⁶ Electricity generation facility with storage: Generation facility established within the scope of the tenth and eleventh paragraphs of Article 7 of the Law.

PART TWO

Balancing Mechanism and Settlement

CHAPTER ONE

General Principles Regarding the Balancing Mechanism and Settlement

General principles regarding the balancing mechanism

ARTICLE 5 - (1)^{107,108} The balancing mechanism comprises of the activities consisting of the day-ahead market, intraday market and real-time balancing, which are complementary to the power futures market and bilateral agreements.

(2)¹⁰⁹ The day-ahead market consists of activities carried out in order to balance the supply and demand in the system, and to balance the contractual commitments of the market participants with their generation and/or consumption plans for the day-ahead.

(3)^{110,111} The intraday market consists of activities carried out with the aim of balancing the contractual commitments of market participants with their production and/or consumption plans during the day.

(4) Real-time balancing consists of ancillary services and balancing power market. The balancing power market provides the System Operator with reserve capacity that can

¹⁰¹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁰² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁰³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁰⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁰⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

¹⁰⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

¹⁰⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309 and the following paragraphs have been aligned accordingly.

¹¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

be activated within 15 minutes for real-time balancing. Frequency control and demand control services are provided through ancillary services.

(5) The Market Operator and the System Operator shall carry out the balancing mechanism activities and the relevant procedures and principles required for these activities in order to balance the electricity supply and demand, by maintaining coordination and communication as may be required.

General principles of balancing responsibility

ARTICLE 6 - (1) For each settlement period and each bidding zone, market participants are obliged to balance their delivery to the system, electricity purchases and imports on one hand, and withdrawals from the system, electricity sales and exports on the other.

(2) Market participants assume financial liability towards the Market Operator for the settlement of energy imbalances and imbalances, on a settlement period basis. The market participant assuming this financial liability shall be called the balancing responsible party.

(3) Balancing responsible parties can come together to form a balancing responsible group. A balancing responsible party among the group members undertakes the financial liability of the balancing responsible group regarding energy imbalance towards the Market Operator.

(4)¹¹² It is essential that the balancing responsible parties achieve balance by using all available means until the time of delivery. It is the responsibility of the System Operator to balance the system in real time.

(5) The Market Operator collects the information it needs from all balancing responsible parties in order to identify systematic violations of the obligations regarding balancing responsibility and to report these deviations to the Authority.

General principles regarding the power futures market¹¹³

ARTICLE 6/A¹¹⁴ - (1) Power futures market shall be operated by the Market Operator within the framework of the following general principles:

a) The orders submitted by the participants shall be evaluated without any discrimination among the market participants.

b) Activities carried out in the market shall be fulfilled in accordance with the principles of transparency and responsibility.

(2) The power futures market shall be operated in accordance with the following purposes:

a) Providing market participants with the opportunity to balance their contractual commitments and generation and/or consumption plans for future dates;

b) Enabling market participants to engage in transactions to avoid price fluctuation risks;

c) Increasing predictability by creating a forward price signal;

ç) Providing trade opportunities to market participants.

¹¹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

General principles regarding the day-ahead market¹¹⁵

Article 7 - (1)¹¹⁶ Day-ahead market shall be operated within the framework of the following general principles to ensure the balance of generation and consumption on the basis of the settlement period foreseen one day-ahead of real time:

a) Orders submitted in the day-ahead market shall be evaluated without discrimination among market participants.

b) Prices applied in the day-ahead market settlement shall be determined based on the principle of determining the final market clearing price on a settlement period basis, by taking into account the orders submitted within the scope of the day-ahead market.

c) Activities regarding the day-ahead market shall be carried out in accordance with the principles of transparency and responsibility.

(2)

(3) The day-ahead market shall be regulated in accordance with the following purposes:

a) Providing market participants with the opportunity to balance their generation and/or consumption needs with their contractual obligations on the day ahead;

b) Determining the electricity reference price;

c) Providing a balanced system to the System Operator from the day-ahead;

ç) Providing the System Operator with the opportunity to manage congestion from the day ahead;

d) Providing market participants with the opportunity to purchase and sell energy for the next day, in addition to their bilateral agreements.

The day-ahead market shall be operated by the Market Operator.

(4)

General principles regarding the intraday market¹¹⁹

ARTICLE 7/A (1) The intraday market shall be operated by the Market Operator within the framework of the following general principles, in order to balance the generation and consumption on a settlement period basis and/or to conduct electricity trade until the intraday market gate closing time:

a) The orders submitted to the intraday market shall be evaluated without any discrimination among the intraday market participants.

b) Activities regarding the intraday market shall be carried out in accordance with the principles of transparency and responsibility.

(2) Intraday market shall be operated in accordance with the following purposes:

a) Providing market participants with the opportunity to balance their contractual commitments and generation and/or consumption plans;

b) Reducing the volume of energy imbalances;

c) Providing the System Operator a balanced system before real-time balancing;

ç) Creating energy purchase-sales opportunities for market participants in addition to their bilateral agreements and their trading in the day-ahead market.

¹¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹¹⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

General principles of real-time balancing

ARTICLE 8 – (1) Real-time balancing consists of the activities carried out by the System Operator and defined under the Electricity Grid Regulation¹²⁰, in order to balance the active electricity supply and demand in real time.

(2) Primary frequency control reserve capacity, secondary frequency control reserve capacity, tertiary control reserve capacity and demand control shall be used as real-time balancing tools. The utilization procedures and principles of primary and secondary control reserve capacities and demand control are defined under the Electricity Grid Regulation.¹²¹

(3) Tertiary control reserve capacity used within the scope of real-time balancing shall be procured through the balancing power market. The balancing power market shall be operated by the System Operator.

(4) Real-time balancing shall be carried out within the framework of the following general principles to ensure that electricity is made available to consumers in a sufficient, high-quality, continuous and low cost manner:

a)¹²² Real-time balancing shall be carried out on the basis of balancing supply and demand in real-time in accordance with the supply quality and operating conditions criteria set forth under the Electricity Grid Regulation, in a way to ensure operational security and system integrity.

b) For real-time balancing, orders submitted to the balancing power market shall be evaluated without discrimination among market participants in the balancing power market, by taking into account the information regarding the order and suitability of orders for balancing.

c) Real-time balancing activities shall be performed in a way that minimizes balancing costs for the System Operator, by taking into account the system security.

ç) Real-time balancing activities shall be carried out in accordance with the principles of transparency and responsibility.

General principles regarding settlement

ARTICLE 9 – (1) Settlement shall be performed by the Market Operator within the framework of following general principles in order to calculate the amounts of receivables and payables arising from power futures market, day-ahead market,¹²³ intraday market,¹²⁴ balancing power market and/or energy imbalances, and to prepare related receivable-payable notices in a fast, reliable and transparent manner:

a)¹²⁵ The Market Operator shall carry out the settlement procedures on behalf of the wholesale electricity market for the electricity that market participants sell and purchase, depending on the participation of the market participants in the balancing mechanism and the energy imbalances of the parties responsible for balance.

b)^{126,127} Prices shall be taken on a settlement period basis for the settlement of electricity purchase and sales realized within the scope of the day-ahead market and the

¹²⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹²¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹²² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹²³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹²⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹²⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

balancing power market. These prices shall be determined by taking into account the bid prices for the electricity purchases and sales realized for balancing purposes, and marginal pricing principle within the scope of the balancing mechanism. In the settlement of electricity energy purchase and sales in the power futures market and the intraday market, prices based on matching shall be taken as basis. Electricity sales and purchases realized within the scope of the balancing mechanism shall be binding between the parties.

c)¹²⁸ Energy imbalances arising from balancing responsibilities of balancing responsible parties shall be settled over the system imbalance price to be determined on a settlement period basis. The system imbalance price valid for a settlement period shall be the price determined by using the final market clearing price determined in the day-ahead market or the hourly system marginal price determined in the balancing power market for the said settlement period.

ç) In the settlement calculations for a settlement period, only the values belonging to the said settlement period shall be taken into account and the values of one settlement period cannot be transferred to another settlement period.

d) It is essential that settlement calculations are performed separately for each activity and energy imbalance included in the balancing mechanism.

CHAPTER TWO

Parties, Duties, Powers and Responsibilities of the Parties

Market participants

ARTICLE 10 - (1)^{129,130} Market participants consist of the following legal entities;

- a) Generation license holder;
- b) Supply license holder;
- c) OIZ generation license holder;
- ç) Distribution license holder;
- d) Transmission license holder. Registration of feed out units of eligible consumers who purchase electricity from market participants shall be made on behalf of the market participants.

(2) It is essential that market participants perform their activities within the framework of this Regulation and the provisions of relevant legislation in a way that does not harm the market and/or the operation of the system.

Responsibilities of the Market Operator

ARTICLE 11 - (1) Market Operator is EPIAŞ.¹³¹ The Market Operator carries out the operation of the power futures market, the day-ahead market¹³² and the intraday market,¹³³ settlement management and data publishing activities without discrimination between equal parties, within the framework of transparency and responsibility principles.

¹²⁸ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

¹²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

¹³⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹³¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹³² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹³³ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

(2)¹³⁴ The Market Operator carries out the following activities related to the operation of the power futures market, day-ahead market¹³⁵ and intraday market:

a) Operation of the said markets in accordance with this Regulation and the provisions of the relevant legislation;

b) Preparing any legislation regarding the establishment and operation of organized wholesale electricity markets within the scope of their activities and submitting them to the Board;

c) Preparation and publication of all kinds of internal legislation regarding the operation of the said markets;

ç) Making decisions regarding the operation of the said markets, making suggestions and/or proposals to the competent authorities, performing other duties assigned to it by legislation;

d) Examining and resolving disputes that may arise in the processes of the markets in question;

e) Making suggestions for the development of solutions that will support the effective development and use of organized wholesale electricity markets;

f) Monitoring the relevant legislation within the framework of ensuring the efficient functioning of organized wholesale electricity markets and developing the necessary suggestions.

(3) The Market Operator carries out the activities of performing the settlement procedures regarding the settlement management, calculating the receivables and debt amounts to be accrued for the balancing mechanism and energy imbalances, and preparing the related receivable-debt notifications.

(4) Market Operator carries out the following activities regarding data publishing and reporting:

a) Preparing and publishing the reports to be requested by the Authority regarding the organized wholesale electricity markets that it operates or where it conducts financial settlement and other financial processes;¹³⁶

b) Transmitting the required information to the System Operator regarding the organized wholesale electricity markets that it operates or where it conducts financial settlement and other financial processes;¹³⁷

c) Regular announcement of information and market prices regarding the organized wholesale electricity markets that it operates or where it conducts financial settlement and other financial processes;¹³⁸

ç) Preparing and publishing statistics regarding the processes performed in the organized wholesale electricity markets or where it operates or conducts financial settlement and other financial processes;¹³⁹

d)¹⁴⁰ Preparing and implementing the Collateral Calculation Method¹⁴¹ in order to manage the risks of participants of organized wholesale electricity market that it operates

¹³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹³⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹³⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹³⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹³⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹³⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹⁴⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹⁴¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

or where it conducts financial settlement and other financial processes, and to develop and change it when deemed necessary by the Authority;

e)¹⁴² Preparation, implementation of the Gap Amount Method¹⁴³ related to the gap amount and its development and amendment when deemed necessary by the Authority.

(5)¹⁴⁴

(6) It is essential that the Market Operator fulfills its duties within the framework of other provisions of the relevant legislation in addition to the operation, settlement management and data publishing activities of the power futures market,¹⁴⁵ day-ahead market¹⁴⁶ and intraday market specified in the second, third and fourth paragraphs of this Article.

(7)¹⁴⁷ It carries out the activities of establishing and managing a default collateral account for the markets operated by the Market Operator or where it carries out financial settlement and other financial processes.

(8)¹⁴⁸ The Market Operator carries out the role of central counterparty by undertaking the completion of the settlement by assuming the role of seller against the buyer and the buyer against the seller as the central counterparty in the organized wholesale electricity markets that it operates.

Responsibilities of the System Operator

ARTICLE 12 – (1) System Operator is TEİAŞ.¹⁴⁹ The System Operator carries out the following activities without any discrimination between equal parties, within the framework of transparency and responsibility principles:

a) Making demand forecasts for the day ahead;

b)¹⁵⁰ Ensuring instantaneous balance in the system in a way to ensure sufficient supply quality, keeping required reserves through real-time balancing activities;

c) Real-time balancing is carried out within the framework of this Regulation and the provisions of the Electricity Grid Regulation;¹⁵¹

ç) Updating and announcing the minimum limit for up-regulation and down-regulation orders in the balancing power market when necessary;

d) Making suggestions for the development of solutions that will support the effective development and use of the system;

e) Monitoring the relevant legislation within the framework of ensuring adequate supply quality and effective use of the system and developing the necessary recommendations;

f) Determination of bidding regions and trade boundaries;

g) Preparing important information regarding the electricity market and supply quality and communicating it to relevant parties;

¹⁴² Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁴⁴ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

¹⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁴⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁴⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁴⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁴⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁵⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁵¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

ğ) Timely notification to the Market Operator of the information necessary for settlement;

h) Preparing and publishing reports to be requested by the Authority regarding system operation;

i) Fulfilling the duties within the framework of other provisions of the relevant legislation.

i)¹⁵² The connection to the system, determination of the generation facilities that qualify as congested connection as determined by the Electricity Grid Regulation¹⁵³ and the maximum capacity that can be technically made available for the said facilities and notifying the Market Operator of the same.

j)¹⁵⁴ Announcement of information about line and transformer failures in the transmission line as well as planned and unplanned maintenance to the market participants via Market Management System.

Transmission capacity management

ARTICLE 13 – (1) System Operator shall be responsible for making the current transmission capacity available to ensure maximum energy transmission within transmission line congestion and system operation security criteria. System Operator and Market Operator shall cooperate to ensure optimum use of national transmission capacities.

Congestion management and trade limits in the transmission system

ARTICLE 14 (1) - The System Operator shall remove real time congestion in the transmission network by means of orders with a label value of 1 in line with the provisions regarding the balancing power market.

(2) When it is necessary to manage transmission congestion based on the day-ahead market, System Operator shall determine the maximum allowable transmission capacity limits, which are called trade limits, excluding the transmission capacity that has been closed for technical and security reasons, on the basis of settlement period. All transmission capacity within the trade limits is presented to the day-ahead market by the System Operator. The System Operator notifies the Market Operator and the market participants about the trade limits determined in accordance with the provisions of Article 51 of this Regulation.

(3) In case the System Operator needs to manage the transmission congestion based on the day-ahead market, the procedures and principles regarding determination of the bidding regions are to be designated by TEİAŞ and proposed to the Authority. The communiqué on the procedures and principles comes into effect after being published by decision of the Board.

Responsibilities of distribution license holder legal entities

Article 15 - (1) Distribution license holder legal entities fulfill the following duties regarding balancing and settlement activities:

¹⁵² Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

¹⁵³ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁵⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

a)^{155,156} To register all meters included in the settlement supply/draw unit configuration of market participants having settlement supply/draw unit and balancing entity connected to the distribution system, and meters of eligible consumers that are connected to the distribution system and which purchase electricity energy through bilateral contracts from a supplier other than the retail license holder distribution company in its region and metering systems measuring electricity flow between two distribution regions, in accordance with the provisions regarding registration;

b)¹⁵⁷ To ensure the validity of the reading values that is the basis for settlement through tests, controls and audits regarding the meters indicated in the subparagraph (a) of this Article; read meters; determination of settlement aggregation of supply-draw unit configurations in its region; storage of measurement data; storage of metering data and notification of same to the Market Operator in the format determined by the Market Operator and in a timely manner; and approve related single-line diagrams;

c) Reach an agreement with market participants as indicated in the Article 82 of this Regulation regarding appeals to reading values that is basis for settlement;

ç) Install, operate and maintain remote automatic data collection, storage and processing systems (OSO System) to be used in the referred processes in subparagraphs (a) and (b) of this Article;

d)¹⁵⁸ In the event that it is not possible to obtain measurement values on the basis of settlement period from the meters of eligible consumers¹⁵⁹ who are connected to the distribution system and purchase electricity from a supplier through bilateral agreements, fulfillment of duties related to the profiles to be applied to the measurement values to be obtained from these meters;

e) Preparation and implementation of the procedures and principles and internal legislation regarding business processes within the scope of this article;

f) Fulfilling the duties within the framework of other provisions of the relevant legislation.

Other responsibilities of TEİAŞ

ARTICLE 16 (1) In addition to its responsibilities regarding the operation of organized wholesale electricity markets and system operation activities, TEİAŞ carries out other activities related to balancing and settlement as follows:

a)¹⁶⁰ Registration of all meters of market participants having settlement supply/draw unit and settlement supply-draw unit configuration, which are balancing units and of the eligible consumers connected to the transmission line, in accordance with the provisions regarding registration;

b)¹⁶¹ Ensuring the accuracy of the measurement data subject to settlement by conducting test, control and audits for meters, reading the meters through OSOS, establishing and operating the necessary communication infrastructure and active and

¹⁵⁵ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

¹⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

¹⁵⁷ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

¹⁵⁸ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

¹⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

¹⁶⁰ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

¹⁶¹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

passive devices to ensure that the meters in the transmission line of other market participants and the meters belonging to the eligible consumers connected to the transmission line communicate with OSOS, except for legal entities engaged in generation activity, determination of configurations of supply-draw unit based on settlement, storage of measurement data, notification to the Market Operator on time and in the format determined by the Market Operator, approval of the relevant single line diagrams;

c) Reconciliation with the market participants as specified in Article 82 regarding the appeals made to the measurement data underlying settlement;

ç)¹⁶²

d) Installation, operation and maintenance of remote automatic data collection, storage and processing systems to be used in the operations listed in subparagraphs (a) and (b);

e) Preparation and implementation of the procedures and principles and internal legislation regarding business processes within the scope of this Regulation;

f) Fulfilling the duties within the framework of other provisions of the relevant legislation.

PART THREE

Provisions Regarding Registration of Market Participants

CHAPTER ONE

Registration Obligation and Registration Rules for Market Participants

Registration obligation of market participants

ARTICLE 17 - (1) Market participants are obliged to register with the Market Operator within the time limits specified in this Regulation.

(2)^{163,164} During the legal entity registrations of the assigned supply companies:

a) Captive consumers;

b) Eligible consumers who have not chosen their supplier;

c) Eligible consumers who have previously selected their supplier yet resumed receiving energy from the assigned supply company;

ç)¹⁶⁵ Among eligible and captive consumers, those who want to procure energy over the tariffs determined to support renewable energy resources within the scope of the fourth paragraph of Article 17 of the Law;

d)¹⁶⁶ Unlicensed generation facilities energy of which is purchased in accordance with the Law No. 5346 on the Utilization of Renewable Energy Resources for the Purpose of Generating Electricity and the consumption facilities associated with them;

e)¹⁶⁷ In order to ensure that settlement calculations for eligible consumers who receive energy from the supply company under bilateral agreements can be made separately, they are registered as different categories under the same legal entity. The number and scope of these categories shall be designated by a Board decision. All

¹⁶² Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

¹⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁶⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 28 July 2020 and numbered 31199.

¹⁶⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 July 2020 and numbered 31199.

¹⁶⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

settlement procedures to be made in accordance with the relevant Articles of this regulation shall be carried out separately for these categories.

(3)¹⁶⁸ In case market participants do not complete the registration procedures regarding the settlement supply/draw unit, the following processes are applied:

a)^{169, 170} In case the registration procedures regarding a generation or electricity storage unit or facility that has received acceptance by the Ministry is not completed, the electricity supplied to the transmission or distribution system by the said generation or electricity storage unit or facility is not taken into account in the settlement calculations. No accrual or payment is made by the Market Operator regarding the volume of electricity supplied to the transmission or distribution system. The volume of electricity that this generation or electricity storage unit or facility draws from the transmission or distribution system is evaluated within the framework of the provisions of the relevant legislation regarding irregular electricity consumption.

b)^{171, 172, 173} It is essential that a generation or electricity storage unit or facility whose facility has been connected to the system and whose acceptance has been made but whose acceptance has not been made by the Ministry supplies the electricity it draws from the transmission or distribution system from the assigned supply company operating in the distribution region in which it is located, or from the settlement supply/draw unit of the relevant generation facility, by registering it with the Market Operator. Otherwise, the volume of electricity that this generation or electricity storage unit or facility draws from the transmission or distribution system is evaluated within the framework of the provisions of the relevant legislation regarding irregular electricity consumption. The electricity supplied by the said generation or electricity storage unit or facility to the transmission or distribution system is not taken into account in the settlement calculations.

c)¹⁷⁴ If it is discovered that a consumption unit that draws electricity from the transmission system is not registered on behalf of a market participant who has completed its registration, the relevant consumption unit will be included in the settlement supply/draw unit configuration of the assigned supply company operating in its region and the energy consumed in this way will qualify as a retroactive correction item. Regarding the said electricity withdrawal, necessary actions are to be taken within the framework of the provisions of the Electricity Market Consumer Services Regulation published in the Official Gazette dated 8/5/2014 and numbered 28994 by the distribution license holder legal entity operating in the region where the relevant consumption unit is located.

ç)¹⁷⁵ In the event that a consumption unit that draws electricity from the distribution system is not registered in the name of a market participant who has completed the registration procedures, the said electricity withdrawal shall be reflected in the account of the relevant distribution company. Electric energy withdrawal related to the said consumption unit shall be processed within the framework of the provisions of the Electricity Market Consumer Services Regulation.

¹⁶⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

¹⁶⁹ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

¹⁷¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁷² Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁷³ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

¹⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁷⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

(4)¹⁷⁶ In the event that the settlement calculations of one or more of the generation facilities included in the portfolio of generation license holder legal entities are requested to be made separately on a facility basis, each of the requested facilities can be registered as different categories under the same legal entity. All settlement procedures for the created categories shall be carried out separately.

(5)¹⁷⁷ The participation of electricity generated in the pre-acceptance test period of nuclear power plants to the balancing mechanism and settlement procedures takes place after completion of the pre-acceptance procedures of the generation facility or unit or units of the said generation facility in accordance with the provisions of the Project and Acceptance Regulation of Nuclear Power Plants published in the Official Gazette dated 18/1/2019 and numbered 30659. In order to separate the settlement calculations of the unit/units that are undergoing the test period in nuclear power plants and the unit/units that have entered into commercial operation, the said unit/units are registered as different categories under the same legal entity. All settlement procedures for categories formed in this manner are to be carried out separately.

Registration of market participants to the day-ahead market

ARTICLE 18¹⁷⁸– (1) All license holders who are market participants can participate in the day ahead market. In order for a market participant to be registered in the day ahead market, the following must be fulfilled:

- a) Having completed the legal entity registration;
- b) At least one generation facility or a single unit of a generation facility in the portfolio of the generation license holder legal entities has been provisionally accepted by the Ministry and the legal entities holding generation license have completed their registration regarding the settlement supply/draw unit associated with itself at the time of application.

Registration of market participants to the intraday market

ARTICLE 18/A^{179 180} - (1) All license holders that are market participants can participate in the intraday market. In order for a market participant to be registered in the intraday market, the following must be fulfilled:

- a) Having completed the legal entity registration;
- b) At least one generation facility or a single unit of a generation facility in the portfolio of the generation license holder legal entities has been provisionally accepted by the Ministry and the legal entities holding generation license have completed their registration regarding the settlement supply/draw unit associated with itself at the time of application.

Registration of market participants to the power futures market

¹⁷⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

¹⁷⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

¹⁷⁸ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

¹⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

¹⁸⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

ARTICLE 18/B^{181, 182} - (1) ¹⁸³ Market participant legal entities holding generation, and supply licenses may participate in the power futures market. In order for a market participant to be registered in the power futures market, the following must be fulfilled:

- a) Having completed the legal entity registration;
- b)¹⁸⁴ At least one generation facility or a single unit of a generation facility in the portfolio of the generation license holder legal entities has been accepted by the Ministry and the legal entities holding generation license have completed their registration regarding the settlement supply/draw unit associated with itself at the time of application;
- c) The entrance collateral and default collateral account contribution amount within the scope of VEP Procedures and Principles has been performed;
- ç) The conditions set forth under the VEP Procedures and Principles being met and the obligations specified therein fulfilled.
- d)¹⁸⁵ Having executed the Day-Ahead Market Participation Agreement and Intraday Market Participation Agreement.

Registration of market participants to the balancing power market

ARTICLE 19¹⁸⁶ - (1) ¹⁸⁷ It is mandatory for market participants, who at least have one settlement draw/supply unit registered in their own name that qualifies as a balancing unit, to participate in the balancing power market. It is essential that market participants, who have to participate in the balancing power market, apply to the Market Operator and complete the registration procedures for their balancing units. Once the market participants complete their registration of balancing units, the process regarding their participation in the balancing power market shall be completed.

Registration rules regarding the balancing responsible parties

ARTICLE 20 - (1) Each market participant shall be registered as a balancing responsible party, unless it joins a balancing responsible group.

(2)¹⁸⁸ A registered market participant or a market participant who registers for the first time may apply to the Market Operator to join a balancing responsible group, provided that it fulfilled all of its financial obligations towards the Market Operator. It is essential that a market participant's application to the Market Operator to join a balancing responsible group is jointly made with the balancing responsible party that has assumed responsibility for balance on behalf of the relevant market participant.

(3) The balancing responsible party, which has undertaken the balancing responsibility on behalf of the balancing responsible group, cannot transfer or assign its rights and obligations related to balancing responsibility.

Settlement Supply/Draw units and registration rules

¹⁸¹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁸² Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁸³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁸⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

¹⁸⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

ARTICLE 21 - (1) Market participants shall be responsible for determining the settlement supply/draw units that they are responsible for the energy fed in to the system or withdrawn from the system, and shall register them under their own name.

(2)¹⁸⁹ Each of the following shall be a settlement supply/draw unit:

a) All licensed generation facilities;

b) Consumption facilities that are obliged to act as a balancing unit;

c) The consumption units of eligible consumers who receive electricity through bilateral agreements or are connected at the transmission level and consumption units as per subparagraph (c) of the second paragraph of Article 17;

ç)¹⁹⁰ Consumer categories that purchase energy from the supply company in its region within the scope of subparagraphs (a) and (b) of the second paragraph of Article 17 within the framework of settlement supply/draw unit configurations to be determined by distribution license holders;

d)¹⁹¹

e) A distribution region or part of a distribution region;

f)^{192, 193} The connection point of the national transmission system with the neighboring country's transmission system,

g)^{194, 195} Electricity storage unit or facilities,

(3)¹⁹⁶ Each settlement draw/supply unit determined shall be registered in the settlement account of only one market participant.

(4)¹⁹⁷ Settlement supply/draw units other than synchronous parallel connections, which are in the form of connection point of national transmission system with neighboring country transmission systems, shall be registered under the name of TEİAŞ, if more than one market participant performs energy sale and purchase over these settlement supply/draw units. The whole settlement supply/draw volumes of such settlement supply/draw units registered under the name of TEİAŞ shall be distributed to the settlement accounts of the related market participants.

(5)¹⁹⁸ For synchronous parallel connections, the settlement draw/supply units of the national transmission system in the form of connection points with a neighboring country transmission system shall be registered under the name of TEİAŞ.

(6)¹⁹⁹ The rules and exceptions within the scope of this Regulation regarding the import and export activities to be realized from the settlement supply/draw units in the form of connection point between the national transmission system and the transmission system of a neighboring country shall be arranged as set forth under the procedures and principles to be enacted upon approval by the Board.

Balancing units and registration rules

¹⁸⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 December 2012 and numbered 28513.

¹⁹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁹¹ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

¹⁹² Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

¹⁹³ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

¹⁹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

¹⁹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

¹⁹⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

¹⁹⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

¹⁹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

ARTICLE 22²⁰⁰ – (1) Market participants that will participate in the balancing mechanism shall define their balancing units and register them under their own name.

(2)²⁰¹ Each of the following shall be deemed a balancing unit from among the generation, consumption or electricity storage facilities or units which can independently increase or shed load , and which can be independently metered on a settlement period basis through meters installed pursuant to the provisions of relevant legislation:

a)²⁰² Licensed generation facilities or units owned by these generation facilities.

b)²⁰³ Consumption facilities or group of consumption facilities consumption of which can be varied or cancelled through instructions to be notified by the System Operator and whose participation is requested by the registered market participant and accepted by the System Operator.

c)^{204, 205} Electricity storage unit or facilities participation of which is accepted by the System Operator upon the request of the registered market participant under whose name they are registered.

(3) Except for turbines of combined cycle power plants in the same block, units in the same generation facility and connected to the system from different voltage levels cannot be positioned under the same balancing unit.

(4)²⁰⁶ The following generation facilities shall be exempt from the obligation of being a balancing unit, but may become a balancing unit upon the request of the relevant market participant and the acceptance of such request by the System Operator:

a) Canal or river type hydroelectric generation facilities;

b) Generation facilities based on wind power;

c) Generation facilities based on solar energy;

ç) Generation facilities based on wave power;

d) Generation facilities based on tidal energy;

e) Cogeneration facilities;

f) Geothermal generation facilities;

g)²⁰⁷ Biomass based generation facilities.

(5) A balancing unit is a settlement supply/draw unit, and thus, registration rules applicable to settlement supply/draw units shall also be applicable to a balancing unit.

(6) In order to register generation facilities as balancing units, it is essential to install meters that enable generation and consumption facilities connected to the same busbar to be measured separately.

(7) Meters of units, which are required to be registered as balancing units on a unit basis by the System Operator, shall be established in a way that would enable measurement on a unit basis. If necessary, a change in the meter's location shall be completed within 3 months from the date of the determination of the need for a balancing unit registration change by the System Operator and notification of said requirement to the relevant market participant by the Market Operator.

²⁰⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²⁰¹ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

²⁰² Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

²⁰³ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²⁰⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

²⁰⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

²⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²⁰⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

(8) It is the responsibility of the relevant market participant to establish the necessary monitoring and data communication systems under the coordination of the System Operator, if requested by the System Operator, in order to register a consumption facility whose request for becoming a balancing unit is approved.

Registration rules for meters

ARTICLE 23 - (1) In the process of registering market participants, the metering systems that allows for metering or calculation of the supply/draw volumes of each settlement supply/draw unit shall be registered. The metering systems that allow metering of the following energy flows regarding the settlement supply/draw unit should be registered:

- a) The electricity supplied to or withdrawn from the transmission system;
- b)²⁰⁸ Electricity withdrawn from the distribution system by an eligible consumer purchasing electricity through bilateral agreements;
- c)²⁰⁹ Electricity supplied to or withdrawn from the distribution system by market participants with a generation or OIZ generation license;
- ç)²¹⁰
- d) Electricity forming the basis of sale and purchase between two distribution systems;
- e) Electricity at the connection points of balancing units to the system.

CHAPTER TWO Registration Process

Scope of the registration process

ARTICLE 24 - (1) The following shall be registered within the scope of the registration process:

- a) Legal entities of market participants;
- b) Settlement supply-draw units chosen by market participants to be registered under their settlement accounts;
- c) Participation of market participants in a balancing responsible group;
- ç) Meters included in the settlement supply-draw unit configuration of each registered settlement supply-draw unit;
- d) Participation of market participants in the balancing power market and their balancing units that they are required to register under their own settlement accounts;
- e)²¹¹ Participation of market participants in the day-ahead market and the intraday market;
- f)²¹² Membership of the market participants to the central settlement institution.

Market Participation Agreement, Power Futures Market Participation Agreement, Day-Ahead Market Participation Agreement and Intraday Market Participation Agreement

²⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

²⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²¹⁰ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²¹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

ARTICLE 25²¹³ - (1) ²¹⁴ The Market Participation Agreement whereby the market participant confirms the accuracy of all information and documents in its registration file as well as accepts and commits to its obligations under this Regulation, and which consists of articles regarding the related market participants' obligations regarding balancing responsibility; the Power Futures Market Participation Agreement which includes obligations regarding participation in the power futures market; Day-Ahead Market Participation Agreement which includes the obligations for participation in the day-ahead market; and iv) the Intraday Market Participation Agreement which includes the obligations for participation in the intraday market shall be prepared by the Market Operator and submitted to the President for approval.

(2) All market participants shall sign the standard Market Participation Agreement, market participants participating in the power futures market shall also sign the Power futures market Participation Agreement, market participants participating in the day-ahead market shall also sign the standard Day-Ahead Market Participation Agreement, intraday market participants participating in the intraday market shall also sign the Intraday Market Participation Agreement and these agreements shall be submitted to the Market Operator.

Legal entity registration application of market participants

ARTICLE 26²¹⁵ - (1) Market participants that have a generation or OIZ generation license shall apply to the Market Operator for legal entity registration, in order to complete their legal entity application within 15 business days before energization and provisional acceptance of their facilities.

(2)²¹⁶ Market participants who have obtained a supply license shall apply for legal entity registration to the Market Operator within 15 business days following the effective date of the license.

(3) After entering the information regarding their legal entities to the Market Management System (MMS) for approval, market participants shall submit the following documents together with a cover letter to the Market Operator, and apply for legal entity registration:

- a)²¹⁷
- b) A copy of their licenses signed on the company stamp by the person or persons authorized to represent and bind;
- c) Legal entity registration form;
- ç) The original or a notarized copy of the authorization documents and signature circulars of the persons who have signed the documents;
- d) Photocopy of the trade registry gazette;
- e)²¹⁸
- f)²¹⁹ Market participation agreement.

²¹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²¹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²¹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²¹⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418.

²¹⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²¹⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

Market participants whose information about their legal entities are submitted to the Market Management System (MMS) in order to be approved are assigned an EIC code by the Market Operator in accordance with the standards set by ENTSO-E.

(4) Market participants must enter their legal entity information to the MMS for approval. Registration applications of market participants who do not have legal entity information pending approval in the MMS shall not be processed and this situation shall be notified to the relevant market participant in writing. The registration process starts following the submission of the legal entity information of the market participants to be approved on the MMS.

(5)²²⁰ Market participants shall submit their calculated collateral to complete the legal entity registration process. Registration application of the market participant that does not submit its collateral shall not be processed.

Examination and evaluation of legal entity applications of market participants

ARTICLE 27 - (1) The Market Operator shall complete the review and evaluation of information and documents in the application file as well as the review of whether such information and documents conform to the information submitted to the MMS, within 10 business days following the date of application.

(2) The deficiencies detected as a result of the review and evaluation, and the fact that the legal entity registration will not be completed if such deficiencies are not eliminated shall be notified to the applicant market participant and a 10 business days shall be granted to remedy the deficiencies.

(3)²²¹ Applications via the MMS of market participants whose files are approved or who remedied any deficiencies within 10 business days shall be approved.

(4) Legal entity registration procedures of market participants who have not remedied their deficiencies on time shall not be completed and their registration applications submitted via the MMS shall not be approved. The application file shall be returned to the relevant market participant, and the Authority shall be informed.

(5) Licensed legal entities may be asked to provide any additional information and documents during the review and evaluation of application files, and the individuals authorized to represent the legal entity may be invited for direct interviews.

(6)²²² Market participants can only proceed to other stages of the registration process, after the legal entity registration process is completed. A market participant, who is a legal entity holding a supplier license, has signed the Market Participation Agreement and completed the legal entity registration process, shall be registered as a balancing responsible party. All other market participants that signed the Market Participation Agreement and completed the legal entity registration process shall complete the registration process regarding their settlement supply/draw units in order to be registered as a balancing responsible party.

Registration of settlement supply/draw units

²²⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²²¹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²²² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

ARTICLE 28²²³ – (1) While market participants register with the Market Operator settlement supply/draw units under their responsibility, the following shall be submitted to the Market Operator by hand:

a) Single line diagram showing the metering and connection points of the settlement supply/draw units to be registered and approved by the related distribution license holder legal entity or TEİAŞ;

b) A copy of the connection agreement;

c)^{224, 225} A copy of licenses of the generation facilities as well as electricity storage unit within the electricity generation facilities with storage, generation or supply licenses to which the electricity storage unit adjoined to the generation facility or the independent electricity storage facilities are annotated, signed on the company stamp by the person or persons authorized to represent and bind the company, except for those submitted during the legal entity registration;

ç)^{226, 227} Acceptance certificate of generation facilities, electricity storage unit within electricity generation facilities with storage, electricity storage unit adjoined to the generation facility or independent electricity storage facilities;

d) The settlement draw/supply unit configurations determined by the distribution license holder legal entities for those categories to be created in accordance with subparagraphs (a) and (b) of the second paragraph of Article 17.

e)²²⁸

(2)²²⁹

(3) During the registration of settlement supply/draw units, the settlement supply/draw unit configuration of the said unit shall be defined and recorded. The loss coefficients to be applied to measurement systems shall be designated during the recording of measurement systems.

(4) The Market Operator shall issue a settlement supply/draw unit code under ENTSO-E standards to each registered settlement supply/draw unit.

(5) In order to complete the registration of a settlement supply/draw unit, the following is required:

a) The registration of the meters in the settlement draw/supply unit configuration should be completed.

b)²³⁰

(6)²³¹ Participation of a generation facility that will convey electricity to the system for the first time, to the balancing mechanism and settlement procedures following the registration of its settlement supply/draw unit with the Market Operator, shall take place following the meter certification made during the acceptance procedures of such generation facility or unit/units of the generation facility, with the participation of the Ministry acceptance delegation and related TEİAŞ and/or distribution license holder legal entity officials. In case a generation facility or unit/units of a generation facility complete the

²²³ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

²²⁴ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

²²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

²²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

²²⁷ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

²²⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²²⁹ Repealed pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²³⁰ Repealed pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²³¹ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

acceptance procedures before the Ministry, but does not apply to the Market Operator for registration of settlement supply/draw unit, such generation facility shall participate in the balancing mechanism and settlement procedures only following the registration of its settlement supply/draw unit with the Market Operator and once the meters in the subject settlement supply/draw unit configuration are registered.

(7)²³² Pre-registration of the settlement supply/draw unit shall be made on the basis of the transfer date specified by the Privatization Administration in transfer processes carried out by the Privatization Administration. License regarding the pre-registered settlement supply/draw unit or Authority letter regarding the license and TEİAŞ or distribution company letter regarding the connection agreement must be submitted to the Market Operator within one month.

Participation of market participants to a balancing responsible group

ARTICLE 29 - (1) The following are essential in order for a market participant to apply to participate in a balancing responsible group:

a) Having completed the legal entity registration;

b)²³³ At least one generation facility or a single generation unit in generation license holder legal entities' portfolio has been provisionally accepted by the Ministry and that the generation license holder legal entities have completed their registration of the settlement supply/draw units associated with them at the time of their application.

(2)²³⁴ An application to be made by a market participant to the Market Operator to participate in a balancing responsible group is made jointly by the relevant market participant and the balancing responsible party that has assumed balance responsibility on behalf of the balancing responsible group. The market participant's participation in a balancing responsible group is effective as of the first billing period following the billing period in which the procedures related to group participation are completed.

(3)²³⁵ Distribution license holder legal entities can only form a balancing responsible group for the categories created under subparagraphs (a), (b) and (c) of the second paragraph of Article 17 with the assigned supply company in their region.

(4)²³⁶ In terms of the categories created under subparagraphs (a), (b) and (c) of the second paragraph of Article 17, assigned supply companies can only form a balancing responsible group with the distribution company in their region.

(5)²³⁷) Categories created within the scope of the fourth paragraph of Article 17 cannot be included in any balancing responsible group. If the facilities subject to these categories were already included in a balancing responsible group before the categories were created, they will be removed from said balancing responsible group.

Registration of meters

ARTICLE 30 - (1) During registration of settlement supply/draw units, meters in the settlement supply/draw unit configurations of these units shall be registered.

²³² Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²³³ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²³⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²³⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²³⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 17 November 2015 and numbered 30598.

(2) The Market Operator shall make notifications to the market participant and other relevant units of TEİAŞ and/or the legal entity holding a distribution license for mutual registration of meters included in the settlement supply/draw unit configuration, except for meters of eligible consumers.

(3) The first index determination protocols shall be prepared until the date specified in the notification by the individuals authorized by TEİAŞ and/or the distribution license holder and, if present, by the authorized representative of the market participant.

(4) If the first index determination protocol of the regulated measurement systems is present, it shall be signed by the authorized representative of the market participant and the individual authorized by TEİAŞ and/or the distribution license holder legal entity. The meters shall be registered upon the signing of the first index determination protocol by the parties.

(5) The meters that do not comply with the relevant legislation shall be made compliant with the legislation within the relevant month by TEİAŞ or the relevant distribution license holder legal entity. The fact that the meters are not in compliance with the legislation does not prevent eligible consumers from exercising their right to choose suppliers.

(6) TEİAŞ and/or distribution license holder legal entities shall determine whether transformer loss and/or line loss will be applied by taking into account the procedures and principles regarding the loss coefficient calculation methodology and the criteria set forth under Article 80. In cases where transformer and/or line loss must be applied, the characteristic information regarding the transformer and line loss coefficient formula designated by the relevant Board decision regarding the transformer and/or line shall be annotated to the single line diagram by TEİAŞ and/or distribution license holder legal entities.

(7) The meter certification prepared by the provisional acceptance committee as a result of the temporary acceptance of the facility prior to the commissioning of new generation facilities and/or before new units being connected to the transmission system and energized for the first time, shall be accepted as the first index determination protocol.

(8) Previously registered meters, which are also included in another settlement supply/draw configuration shall be re-registered by making the necessary updates to their information.

(9)²³⁸

Supplier replacement processes for the settlement supply/draw Units of eligible consumers

ARTICLE 30/A²³⁹ - (1)

(2) If an eligible consumer:

a) Changes its supplier or starts purchasing electricity from the assigned supply company via a bilateral agreement while it was purchasing electricity under the retail sale tariffs approved by the Board, the market participant who wants to become the new supplier of the eligible consumer or the assigned supply company who wants to sell energy to the eligible consumer via a bilateral agreement shall declare through the MMS that it has a

²³⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 14 January 2017 and numbered 29948.

²³⁹ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

bilateral agreement with the relevant eligible consumer by making the data entries via the MMS until 24:00 on the last business day before the sixth day of the current month at the latest. Information entries made by the new supplier shall be announced to the current supplier of the eligible consumer via the MMS at 17:00 on the last business day before the twentieth day of the current month;

b)²⁴⁰ In the event that any consumer starts consuming electricity at a consumption point that is not under use by any other consumer within a billing period, the supplier who wants to sell energy to this eligible consumer via a bilateral agreement shall declare that it has a bilateral agreement with the relevant eligible consumer by entering the information via the MMS. This request shall be notified to the relevant distribution license holder legal entity via the MMS, following the entry of such information. The eligible consumer shall be added to the portfolio of the relevant supplier as of the period in which the information is entered;

c)²⁴¹ In the event that electricity will be consumed for the first time at a consumption point connected to the transmission system, the supplier who wants to sell energy to this eligible consumer via a bilateral agreement shall apply to the Market Operator until 17:00 on the business day before the first index determination report of this point is issued. Application procedures shall be designated and announced by the Market Operator. Relevant measurement points shall be registered on behalf of the supplier in question, effective from the date of the first index determination report.

(3)²⁴² If a market participant requests to remove the withdrawal unit belonging to an eligible consumer from its portfolio, it shall apply to the Market Operator via the MMS until 24:00 on the last business day before the sixth day of the current month and the eligible consumer shall be removed from the portfolio. The market participant shall inform the relevant consumer in writing before making an application to the Market Operator.

(4)²⁴³ In the event that a market participant wishes to become the new supplier of an eligible consumer who is removed from the portfolio of a market participant due to default of this market participant or failure to fulfill collateral obligations, the market participant shall notify the Market Operator that it will supply energy to the relevant eligible consumer, until 24:00 on the last business day before the twentieth day of the month in which the exclusion from the portfolio is made, and that it has entered into a bilateral agreement with the relevant eligible consumer, and the relevant registration update procedures shall be carried out by the Market Operator via the MMS.

(5) The Market Operator shall announce the list of non-finalized meters that have been removed from a portfolio, changed its portfolio and that are newly registered to the relevant distribution company, TEİAŞ and the relevant market participant via the MMS.

(6)²⁴⁴ Appeals regarding the published meter list shall made to the Market Operator within two business days following the publication of the announcement. The Market Operator shall conclude the appeal applications within two business days, and shall announce the finalized meter list via the MMS to the relevant market participant and to the relevant distribution license holder legal entity or TEİAŞ, depending on the connection status.

²⁴⁰ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2019 and numbered 30598.

²⁴¹ Amended pursuant to the Regulation published in the Official Gazette dated 14 January 2017 and numbered 29948.

²⁴² Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2019 and numbered 30598.

²⁴⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

(7) The first index determination protocols shall be prepared by the representative of the market participant and the individual authorized by TEİAŞ and/or the distribution license holder legal entity in order to read the meter values at 24:00 on the last day of the current month and to register the meters.

(8) Meter readings made at 24:00 on the last day of the current month shall be considered as the last reading for the current supplier and the first reading for the new supplier and the said settlement supply/draw units shall be removed from the portfolio of the current supplier.

(9)²⁴⁵ In the event that a consumption point is evicted by an eligible consumer, the meter reading shall be made by TEİAŞ or the distribution license holder legal entity on the date of determination and this reading shall be considered as the final reading. The process of removing the eligible consumer from the portfolio of the current supplier shall be initiated by TEİAŞ or the relevant distribution license holder legal entity via the MMS, and shall be deemed to be approved if not rejected by the current supplier. The current supplier may reject the relevant transaction only on the grounds that the eviction process has not taken place, or that it has a bilateral agreement with the new person who takes over the consumption point. The Market Operator shall determine and announce the process regarding these procedures and shall make the necessary updates in the eligible consumer database. Transfer and moving procedures shall be also carried out subject to the provisions of this paragraph.

(10)²⁴⁶

(11)²⁴⁷ In the event that a market participant supplying electricity to withdrawal units belonging to an eligible consumer withdraws its requests to add or remove the supply/draw units and/or the relevant eligible consumer's meters from their portfolios, the relevant market participant shall notify this request via the MMS until 17:00 on the last business day before the twentieth day of the current month.

(12)²⁴⁸ If necessary, the Market Operator may request from the relevant market participant who wishes to become the new supplier of the eligible consumer to declare information regarding the bilateral agreement and submit documents evidencing the same.

(13) During the registration processes of market participants pursuant this ARTICLE:

a) If it is determined that the exit of an eligible consumer from their portfolio and the transition to the portfolio of a new supplier is prevented by a market participant in violation of the provisions of legislation, the necessary corrections shall be made via the MMS and the relevant sanctions shall be imposed on the market participant in accordance with ARTICLE 16 of the Law;

b)²⁴⁹ If it is determined that a market participant has applied for meter registration without entering into a bilateral agreement with an eligible consumer, the registration of such eligible consumer shall be removed from the portfolio of the relevant market participant, effective from the first day of the month following the announcement of the first finalized meter list after the date of determination, and if requested, it shall be recorded in the portfolio of the previous supplier, if not, in the portfolio of the assigned supplier

²⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²⁴⁶ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁴⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁴⁸ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

²⁴⁹ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

company. The market participant whose violation is detected shall be reported to the Authority by the Market Operator. The said market participant shall be restricted from registering new consumers within the scope of bilateral agreements for three months with a Board Decision, and sanctions shall be imposed on such market participant in accordance with ARTICLE 16 of the Law. No retrospective adjustments shall be made regarding this eligible consumer.

(14)²⁵⁰ In the event that eligible consumers in the portfolio of a market participant are removed from the portfolio of the relevant market participant due to the failure of a supplier to fulfill its obligations regarding collateral, the list of eligible consumers removed from the portfolio shall be published on the MMS.

(15)²⁵¹ If an eligible consumer is requested by more than one supplier via the MMS, written evidentiary information regarding the bilateral agreement shall be requested by the Market Operator and shall be declared by the relevant market participants through the MMS within the periods set forth under the sixth paragraph. Necessary inspection shall be carried out by the Market Operator and the eligible consumer shall be transferred to the portfolio of the supplier whose bilateral agreement declaration is valid. Provisions of the thirteenth paragraph shall be applied to suppliers who cannot submit the information requested by the Market Operator regarding the bilateral agreement via the MMS. If more than one supplier makes a valid bilateral agreement declaration, the record with the closest bilateral agreement date shall be taken into account. If the agreement dates are the same, the registrations shall not be approved and the eligible consumer shall continue to receive electricity from its current supplier. However, in the event that the current supplier also requests to exclude the said eligible consumer from its portfolio, the eligible consumer shall be recorded in the portfolio of the assigned supply company.

b)

Eligible consumer database

ARTICLE 30/B²⁵²– (1)²⁵³ TEİAŞ and distribution license holder legal entities shall be obliged to add the following information of eligible consumers to the database to be defined on the MMS, and to keep them up-to-date, to be used in the supplier change and financial settlement processes of the settlement supply/draw units of eligible consumers:

a)²⁵⁴,

b)²⁵⁵ The unique code of the consumption point required for registration to the MMS;

c) The province and district information where the consumption point is located;

ç) Street address of the consumption point;

d)²⁵⁶ Subscriber group and subgroup, if specified;

e)²⁵⁷ Whether a profile is applied to the consumption point;

f)²⁵⁸ Whether an estimated value is applied to the consumption point;

²⁵⁰ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²⁵¹ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

²⁵² Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2016 and numbered 29309.

²⁵³ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁵⁴ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁵⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁵⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁵⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁵⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

g)²⁵⁹ Contractual power of the consumption point;
ğ)²⁶⁰ Other information that the Market Operator needs to carry out financial settlement and eligible consumer demand processes.

(2) Suppliers shall be obliged to add the following information of eligible consumers to the database to be defined on the MMS, and to keep them up-to-date, to be used in the supplier change, financial settlement and consumer portal processes:

- a) Name and surname or trade name of the eligible consumer;
- b)²⁶¹ Republic of Turkey identity number or foreign national identity number for individuals; tax identification number, name and surname Republic of Turkey identity number or foreign national identity number of the authorized person of legal entities.

The Market Operator shall use this information to control data consistency and shall take measures to ensure protection of personal data. If it is determined that the suppliers do not fulfill these obligations, sanctions shall be imposed in accordance with Article 16 of the Law. Market Operator may cooperate with public institutions and organizations in order to inspect and correct the consistency of data covered by this Article. Even when information is obtained from relevant databases, suppliers shall be responsible for the accuracy and completeness of such data.

(3)²⁶² TEİAŞ and distribution license holder legal entities shall publish the explanation as to how the unique code in subparagraph (b) of the first paragraph is created on the eligible consumer registration screen of the MMS.

(4)²⁶³ MMS shall check whether the unique code entered by the market participant who wants to become a new supplier during registration entries within the scope of Article 30/A is in the database created within the framework of subparagraph (b) of the first paragraph. Entries that do not match the unique codes in the database shall not be allowed.

(5)²⁶⁴ If it is determined that the transfer of an eligible consumer to the portfolio of its new supplier was prevented by reason of TEİAŞ and distribution license holder legal entities failing to fulfill their obligations regarding the database, necessary corrections shall be made on the MMS, within the framework of the process determined and announced by the Market Operator, and sanctions shall be imposed in accordance with Article 16 of the Law.

(6)²⁶⁵ Suppliers can run a query on the eligible consumer database by entering the unique code in the subparagraph (b) of the first paragraph, in order to ensure that the supplier change processes are carried out properly. The Market Operator shall employ data masking regarding information pertaining to subparagraphs (a) and (b) of the second paragraph, in order to ensure the protection of personal data on the query result screen.

(7)²⁶⁶ The information in the eligible consumer database can be viewed by the distribution licensee legal entity or TEİAŞ, depending on the consumer's current supplier and the consumer's connection to the grid.

²⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²⁶⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²⁶¹ Amended pursuant to the Regulation published in the Official Gazette dated 14 January 2016 and numbered 29948.

²⁶² Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 14 January 2016 and numbered 29948.

²⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

Eligible consumer portal

ARTICLE 30/C ²⁶⁷ - (1) ²⁶⁸ The Market Operator shall create an eligible consumer portal where eligible consumers can at least view the following information:

- a) Street address of the consumption point;
- b) Subscriber group and subgroup, if specified;
- c) Whether a profile is applied to the consumption point;
- ç) Contractual power of the consumption point;
- d)²⁶⁹ Active and reactive index values, meter multiplier and reading date;
- e)²⁷⁰ Retrospective correction information regarding the consumption point;
- f) Trade name of its supplier;
- g) Information as to whether it is currently exercising its right to choose its supplier.

(2) The Market Operator may also add other informative documentation to the eligible consumer portal without being limited to the above, in order to protect consumer rights and raise awareness of consumers.

(3)²⁷¹ Eligible consumers shall access the portal via the method determined by the Market Operator. The Market Operator can use electronic platforms of relevant institutions or organizations to verify the identity of the consumer while accessing the portal. Some or all of the information provided within the portal can also be presented through the E-Government (*E-Devlet*) Gateway.

(4)²⁷²

Registration of balancing units

ARTICLE 31 - (1) Market participants shall register their balancing units with the Market Operator.

(2) During the registration of balancing units, the information and documents as well as technical parameters required to be provided pursuant to the provisions of relevant legislation shall be entered to the MMS and submitted to the Market Operator by the market participant registering its balancing unit.

(3) The technical parameters to be required by the System Operator regarding the balancing unit shall be sent to the System Operator for the necessary screening. As a result of the screening to be conducted by the System Operator within 10 business days, the related generation facility or unit shall be registered as a balancing unit under the name of the market participant, upon the System Operator's approval.

(4)²⁷³ In the event that the market participant registers a consumption unit or a group of consumption units that qualify as eligible consumer as a balancing unit, the document stating that the individual who owns or is authorized to represent the relevant consumption units approves to register the consumption facility as a balancing unit on behalf of the relevant market participant shall be delivered in person by the relevant market participant to the Market Operator.

²⁶⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁶⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁶⁹ Amended pursuant to the Regulation published in the Official Gazette dated 14 January 2016 and numbered 29948.

²⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 14 January 2016 and numbered 29948.

²⁷¹ Amended pursuant to the Regulation published in the Official Gazette dated 14 January 2016 and numbered 29948.

²⁷² Repealed pursuant to the Regulation published in the Official Gazette dated 14 January 2016 and numbered 29948.

²⁷³ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

(5) A balancing unit cannot include a smaller balancing unit that satisfies the rules regarding settlement supply/draw units and balancing entities.

(6) Generation facilities whose provisional acceptance by the Ministry have not been completed cannot be registered as balancing units. A generation facility shall be processed as a settlement draw unit until it completes its registration as a balancing unit.

Procedures regarding the participation of market participants to the day-ahead market

ARTICLE 32– (1)²⁷⁴ Market participants who have completed their legal entity registration, with at least one generation facility or a unit of a generation facility in its portfolio provisionally accepted by the Ministry and who have completed their registrations regarding all settlement supply/draw units associated with them, can apply to the Market Operator to complete the day-ahead market registration procedures.

(2) Application for participation in the day-ahead market shall be made primarily through the MMS. If deemed necessary, information and documents to be announced by the Market Operator shall be submitted to the Market Operator, in the notified format.

(3) It is essential that market participants who will participate in the day-ahead market sign the Day-Ahead Market Participation Agreement, which also includes the obligations of market participants regarding the day-ahead market. With the signing of the Day-Ahead Market Participation Agreement by the relevant market participant, the registration process for the participation of the market participant to the day-ahead market shall be completed.

Procedures regarding participation of market participants in the intraday market

ARTICLE 32/A²⁷⁵ – (1)²⁷⁶ participants who have completed their legal entity registration, with at least one generation facility or a unit of a generation facility in its portfolio provisionally accepted by the Ministry and who have completed their registrations regarding all settlement supply/draw units associated with them, can apply to the Market Operator to complete the intraday market registration procedures.

(2) Application for participation in the intraday market shall be made primarily through the MMS. If deemed necessary, information and documents to be announced by the Market Operator shall be submitted to the Market Operator, in the notified format.

(3) It is essential that market participants who will participate in the intraday market sign the Intraday Market Participation Agreement, which also includes the obligations of market participants regarding the intraday market. With the signing of the Intraday Market Participation Agreement by the relevant market participant, the registration process for the participation of the market participant in the intraday market shall be completed.

Procedures regarding participation of market participants in the power futures market

²⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²⁷⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

²⁷⁶ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

ARTICLE 32/B²⁷⁷ - (1) ²⁷⁸ Market participants who have completed the registration processes set forth under Article 18/B may apply to the Market Operator to complete their registration in the power futures market.

(2) The application for participation in the power futures market shall be made primarily through the MMS. If deemed necessary, information and documents to be announced by the Market Operator shall be submitted to the Market Operator, in the notified format.

(3) It is essential that market participants who will participate in the power futures market sign the Power Futures Market Participation Agreement, which includes the obligations of market participants regarding the power futures market. With the signing of the Power Futures Market Participation Agreement by the relevant market participant, the registration process for the relevant market participant's participation in the power futures market shall be completed.

CHAPTER THREE

Updating Registration Information

Updating registration information

ARTICLE 33²⁷⁹ - (1) Registered information of market participants shall be updated in the following cases:

- a) Changes in the market participant's data;
- b) Changes or deletion of data regarding existing balancing units;
- c) Changes or deletion of data regarding existing settlement supply/draw units;
- ç) Changes or deletion of data regarding existing metering systems;
- d) Registration of a new balancing unit;
- e) Registration of a new settlement supply/draw unit;
- f) Registration of a new metering system;
- g) Registration of the market participant to a balancing responsible group or changing the registered balancing responsible group;

(2)²⁸⁰ Market participants shall make requests regarding the addition or removal of the settlement supply/draw units of eligible consumers to or from their portfolios through the process specified in Article 30/A.

(3) In case an update procedure affects the records of multiple market participants, the records of the affected market participants shall be simultaneously updated.

(4) In the event that a market participant wishes to cease to supply electricity to an eligible consumer that it is supplying electricity to by registering its settlement supply/draw unit to its own account, and in this respect wishes to remove the settlement supply/draw unit belonging to the eligible consumer from its account, a registration change application shall be made in accordance with the relevant provisions of the bilateral agreement between the market participant and the eligible consumer.

(5) In the event that a market participant wishes to register into its portfolio a settlement supply/draw unit that is already registered in the system or to change the

²⁷⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²⁷⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

²⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

²⁸⁰ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

registration information of an already registered settlement supply/draw unit, the processes explained under Articles 28 and 30/A shall be applied. Only documents that changed shall be resubmitted to the Market Operator among those stated in the first paragraph of Articles 28 and in the first and second paragraphs of Article 30/A.

(6)²⁸¹ Changes in the supply-draw units to be made between categories created within the scope of subparagraphs (a), (b) and (c) of the second paragraph of Article 17 shall be notified to the market operator by assigned supply companies until 24:00 on the last business day before the twentieth day of each month.

(7)²⁸² The market participant shall submit the trade registry gazettes and other requested documents to the Market Operator before the invoicing process, in cases such as trade name, address, tax number, tax office change, merger, transfer, termination.

Market participants leaving a balancing responsible group

ARTICLE 34 – (1)²⁸³ Registration change application regarding a market participant's exit from a balancing responsible group shall be made by the relevant market participant or the balancing responsible party, in accordance with the provisions of the agreement between the relevant market participant and the balancing responsible party that has undertaken balancing responsibility on behalf of the balancing responsible group. Market participant's exit from a balancing responsible group is effective as of the first billing period following the billing period in which the exit processes are completed.

(2) The records of market participants who leave one balancing responsible group and do not join another shall be updated by the Market Operator and these market participants shall become balancing responsible parties.

PART FOUR

Provisions Regarding the Power Futures Market, the Day-Ahead Market and the Intraday Market²⁸⁴

CHAPTER ONE

Power Futures Market²⁸⁵

General principles regarding the power futures market

ARTICLE 35²⁸⁶ – Procedures in the power futures market shall be carried out within the framework of the following general principles:

a) Procedures shall be carried out on the basis of the offer zone, delivery period and load type;

b) Contracts shall be processed according to the continuous trading method during the session. The Market Operator may temporarily decide to use the auction method instead of the continuous trading method in trading of open contracts, in cases set forth under the VEP Procedures and Principles;

²⁸¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁸² Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

²⁸³ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

²⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁸⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

c) The contracts to be traded shall be designated by the Market Operator pursuant to the VEP Procedures and Principles;

ç) Matching orders shall oblige a market participant to deliver or take delivery of electricity for the designated time period in terms of load type and delivery period;

d) When an open position is closed before the relevant contract is closed to trading, the physical delivery obligation of the market participant shall be deemed eliminated;

e) The Market Operator shall be the counterparty of the relevant market participant in each match that takes place in the power futures market.

(2) The daily work flow in the power futures market shall include pre-session, session, post-session, daily indicator price announcement and end-of-day procedures.

Power futures market contracts

ARTICLE 36²⁸⁷ - (1)²⁸⁸ In the power futures market, contracts created by the Market Operator by designating bidding zone, delivery period and load type shall be opened to trade.

(2) Delivery period shall refer to the dates of physical delivery obligations of the market participants who are parties to the relevant contract.

(3) Load type shall refer to the settlement periods subject to physical delivery on each day of the delivery period, which includes the physical delivery obligations of the market participants who are parties to the relevant contract.

(4) Different delivery periods and load types may be defined by the Market Operator in line with the market needs. The Market Operator may open newly defined contracts to trade by notifying the market participants and the Authority.

(5) The starting and ending times of the sessions in which the contracts are traded shall be designated by the Market Operator, and shall be announced to market participants.

(6) VEP Procedures and Principles shall govern issues regarding the staggering of contracts to be opened to trade by the Market Operator and temporary suspension or termination of the trading of some or all of the contracts within or before a session, depending on the price movements and transaction volumes.

Power futures market orders

ARTICLE 37²⁸⁹ – (1)²⁹⁰ Market participants may submit orders to the contracts opened for trading by the Market Operator according to the order types set forth under the VEP Procedures and Principles.

(2) Market Operator may define new order types for the power futures market.

(3) Orders shall consist of the same volume and price information for each settlement period during the time period designated by the load type within the framework set forth under the VEP Procedures and Principles.

(4) Orders shall be reported as TL/MWh values with two-decimal places after the comma for prices and 1 lot and its multiples in terms of quantities.

(5) Required content for orders to be placed for contracts shall be regulated under the VEP Procedures and Principles.

²⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁸⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁸⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

Prices, determination and announcement of prices in the power futures market

ARTICLE 38²⁹¹ – (1)²⁹² In the power futures market, the following shall be designated and announced by the Market Operator, the details of which are set forth under the VEP Procedures and Principles for the relevant contracts:

- a) Daily benchmark price;
- b) Base price;
- c) Starting price.

Matching of orders and commercial transaction approval in the power futures market

ARTICLE 39²⁹³ – (1)²⁹⁴ The procedures regarding matching of orders shall be carried out following the active recording of orders submitted by the market participants to the power futures market, as follows:

- a) The orders shall be evaluated separately for each contract type;
- b) The order with a better price shall be given priority among the orders given in the same bidding zone, delivery period, load type, and in the same direction;
- c) The order registered first shall be given priority among orders with the same price, given in the same bidding zone, delivery period, load type and in the same direction;
- ç) Orders with the highest price for the purchase bid and the lowest price for the sell order shall be shown as the best order in the order book;
- d) The match price shall be the price of the order registered first among matching orders;
- e) If the orders match, the relevant orders for the parties shall turn into positions.

(2) Matched orders shall be removed from the best priced order list and the Market Operator shall notify the relevant market participants about their commercial transaction approvals via the MMS. In case of partial match, the remaining volume that is not matched shall be included in the order book for as long as the bid is valid.

(3) Matters regarding the matching of orders, commercial process approval and appeals regarding matches in the power futures market shall be regulated under the VEP Procedures and Principles.

Daily price change, transaction and position limits in the power futures market

ARTICLE 40²⁹⁵ - (1)²⁹⁶ Daily price change limits shall be designated and announced by the Market Operator.

(2) Transaction and position limits shall be designated by the Market Operator on a market and/or market participant basis.

(3) Issues regarding daily price change limits and process and position limits shall be regulated under the VEP Procedures and Principles.

Cancellation of orders and transactions in the power futures market

²⁹¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

ARTICLE 41²⁹⁷ – (1)²⁹⁸ In case of occurrence of the following and upon the application of at least one market participant who is a party to the transaction, or *ex officio*, all or part of pending orders and/or the completed transactions shall be canceled by the Market Operator:

- a) Errors arising out of computers, software or other technological infrastructures that are originating from the market operator;
- b) Existence of other material elements that will suspend the processes of market participants and/or contracts;
- c) Orders and processes that are distorting the market or aimed to obtain unfair benefits are detected;
- ç) Existence of orders to increase net position as a result of not fulfilling the financial obligations towards the Market Operator;
- d) Order prices being outside the daily price change limits;
- e) After the session and/or in the event of temporary stoppage of trading, the suspended orders do not meet the order notification conditions specified in accordance with the VEP Procedures and Principles so that they can be forwarded to the order book without losing priority.

(2) Information regarding the cancellation shall be announced to the market participants via the MMS.

Suspension of access to the power futures market

ARTICLE 42²⁹⁹ - (1)³⁰⁰ In the following cases, the Market Operator may suspend the relevant market participant's access to the MMS and/or may suspend transactions that will create rights and debts in this context, in accordance with the participation agreement:

- a) Failure to correct transactions that are in breach of VEP Procedures and Principles;
- b) Losing any of the market participation prerequisites;
- c) The existence of any legal condition, judicial decision, Board decision, precaution or restriction adopted by a decision of the competent authorities that may affect the functioning of the power futures market.

(2) The Market Operator may suspend access of all market participants to the MMS completely or partially within the framework of conditions set forth under the VEP Procedures and Principles under extraordinary circumstances or any legal condition, judicial decision, Board decision and decision of the competent authorities that may affect the functioning of the market.

(3) Following the suspension of access to the MMS within the scope of the first and/or second paragraphs and within the framework of VEP Procedures and Principles, or pursuant to the relevant contract terms, the process to be followed in case of ceasing of the conditions causing the suspension shall be set forth under the VEP Procedures and Principles.

Power futures market breakdown and maintenance processes

²⁹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

²⁹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

ARTICLE 43^{301 302} – (1) In case of malfunctioning in the computer, software or other technological infrastructure used by the Market Operator in the execution of market activities that prevent healthy operation, maintenance shall be carried out in the MMS, or if the communication lines used by the Market Operator are interrupted, MMS breakdown and maintenance processes shall be employed.

(2) The Market Operator shall determine new periods or suspend the relevant contracts in case the MMS fails, MMS undergoes maintenance, or it is revealed that it will not be able to complete the processes required to be completed within the specified period in accordance with the provisions of this Regulation. The end date of MMS breakdown processes shall be announced to the market participants by the Market Operator. The start and end times of MMS maintenance shall be announced to market participants by the Market Operator.

(3) Each market participant shall determine at least one person who can be contacted immediately in cases where the MMS breakdown or maintenance processes are ongoing, and shall notify the contact details of said individual to the Market Operator.

(4) Market Operator is obliged to take the necessary precautions to prevent the MMS from breaking down. Market Operator cannot be held liable from additional costs and damages arising from MMS breakdown and maintenance.

Principles of default management in the power futures market

ARTICLE 44³⁰³ - (1)³⁰⁴ Market participants who fail to fulfill their obligations regarding collateral, default collateral account contribution and timely invoice payment in the power futures market shall be deemed to be in default.

(2) Positions held by the market participants in default shall be closed by the Market Operator using methods set forth under the VEP Procedures and Principles.

(3) The Market Operator shall be authorized to close the positions of the market participant in default, to hold auctions for the transfer of the positions, to distribute the positions to market participants who are not in default, or to terminate the positions *ex officio*, within the framework of VEP Procedures and Principles.

(4) The Market Operator shall be authorized within the scope of default management to perform transactions in the power futures market, day-ahead market and intraday market as the central counterparty on behalf of defaulting market participants who have defaulted.

(5) With regard to the organized wholesale electricity markets operated by the Market Operator, market participants who do not provide the collaterals calculated in accordance with the relevant legislation and/or have defaulted may be partially or completely prevented from engaging in market activities in the aforementioned markets within the framework set forth in the Regulation and the VEP Procedures and Principles.

Market making in the power futures market

³⁰¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

ARTICLE 45³⁰⁵ – (1)³⁰⁶ Market makers may be appointed by the Market Operator to operate within the framework of the rules set forth under the VEP Procedures and Principles, and to increase transaction volume and effectiveness of the market.

Special transaction notification in the power futures market

ARTICLE 46³⁰⁷ - (1)³⁰⁸ In the power futures market, market participants may notify their orders that meet the criteria set forth under the VEP Procedures and Principles to the Market Operator in order to convert them into a transaction without recording them in the order book.

(2) Matters regarding approval conditions for special transaction reporting, collateral and position limit controls and other rules shall be regulated under the VEP Procedures and Principles.

Principles for determining the label values of system sales offers and system purchase bids within the scope of day-ahead planning

ARTICLE 47 - ³⁰⁹

Notifications within the scope of day-ahead planning

ARTICLE 48 - ³¹⁰

CHAPTER TWO
Day-Ahead Market

General principles regarding functioning of the day-ahead market

ARTICLE 49 - (1) Procedures regarding the day-ahead market shall be carried out within the framework of the following general principles:

- a) Day-ahead market transactions shall be carried out daily, on an hourly basis. Each day shall consist of hourly time slots starting from 00:00 and ending at 00:00 the next day;
- b) Transactions in the day-ahead market shall correspond to a constant level of supply or demand during the relevant time frame;
- c) The purchase bids and sale offers accepted in the day-ahead market shall create a supply or demand side obligation for physical delivery of electricity for the relevant market participant;
- ç) The Market Operator shall be the counterparty to the relevant market participant with respect to each transaction concluded in the day-ahead market;
- d) All orders submitted to the day-ahead market shall be valid for a specific bidding zone, a specific day and a specific time period within that day;
- e) Each transaction concluded in the day-ahead market shall be completed by delivering active electricity at the point of delivery for settlement or at the connection point of the national transmission system with the neighboring country's transmission system.

³⁰⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³¹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

Day-ahead market process

ARTICLE 50 - (1) The day-ahead market shall operate on a daily basis, and consists of the following steps:

a) In case there is more than one bidding zone, the Market Operator shall notify the market participants by 09:30 each day, regarding the hourly transmission capacity that is designated by the System Operator and that can be used for the day-ahead market next day;

b)³¹¹ Market participants that participate to the day-ahead market shall submit by 11:30 each day, their day-ahead market orders to the Market Operator via the MMS. Each day-ahead market order submitted shall be confirmed or rejected by the Market Operator until 12:00, following evaluation in line with the provisions of Article 57;

c)³¹² Between 12:00-13:00 every day, the Market Operator shall calculate the final market clearing price for each hour of the next day and each bidding zone;

ç)³¹³ Every day at 13:00, the Market Operator shall notify the market participants participating in the day-ahead market via MMS of the commercial transaction approvals, which includes the purchase and sales volume of each market participant in the day-ahead market;

d) Between 13:00-13:30 every day, market participants participating in the day-ahead market shall check the commercial transaction approvals submitted to them by the Market Operator and, if necessary, report their appeals to the commercial transaction approvals to the Market Operator;

e) Every day between 13:30 - 14:00, the Market Operator shall evaluate the appeals, and inform the relevant market participants of the results of their appeals.

Designation and announcement of bidding zones

ARTICLE 51 - (1) The System Operator shall regularly perform necessary analyses and studies to identify the long-term, large-scale and continuous potential congestions in the transmission system. The System Operator shall divide the national electricity system into areas called bidding zones within the framework of this analysis.

(2) It is essential that the System Operator notifies the Market Operator of the changes in the boundary definitions of the bidding zones, within the time limits set forth under the procedures and principles regarding the designation of bidding zones. Changes in the boundary definitions of the bidding zones shall be announced to the market participants by the Market Operator.

(3)³¹⁴ Once the bidding zones become effective and are implemented, the power futures market contracts that will be affected by the aforementioned application and the issues regarding the positions in these contracts shall be announced to the market participants.

Designation and Announcement of trade boundaries

ARTICLE 52 - (1) The System Operator shall designate the trade boundaries between the bidding zones every day in accordance with the relevant legislation. All transmission capacity within the trade boundaries shall be presented to the day-ahead

³¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418.

³¹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³¹³ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³¹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

market by the System Operator. Until 09:30 each day, the System Operator shall designate the hourly available transmission capacity that is available to the day-ahead market in the following day, and shall notify the Market Operator of the same. The transmission capacity values that can be used for the day-ahead market designated by the System Operator shall be announced to the market participants by the Market Operator.

Day-ahead market orders

ARTICLE 53 - (1) Market participants that participate in the day-ahead market may submit hourly, and/or block and/or flexible bids within the context of the day-ahead market. It is essential that all orders submitted to the day-ahead market for any hour can be fulfilled at the same time by the relevant market participant.

(2)³¹⁵ Day-ahead market orders consist of information on volume and price that can vary for different hours. All the submitted order prices shall have one percent sensitivity and shall be expressed in Turkish official currency terms. All the submitted order volumes shall be expressed in lots of 0.1 MWh and its multiples.

(3)³¹⁶ Orders submitted within the day-ahead market shall include at least the following information:

- a) Name and day-ahead market participation code of the relevant market participant;
- b) Date when the order is valid;
- c) Order time frame;
- ç) The bidding zone where the order is valid;
- d) Order type;
- e) Price and volume information;
- f) Order time for flexible orders.

(4) The structure of all orders submitted to the day-ahead market and the information they must include shall be designated by the Market Operator and shall be notified to the market participants through the Market Management System (MMS).

(5) Day-ahead market orders may only be submitted for bidding zones where the relevant market participant generates or consumes electricity, or for bidding zones in which it has notified bilateral agreements subject to settlement.

(6)³¹⁷ Orders to the day-ahead market shall be placed in accordance with the "Structure of Day-Ahead Market Orders and the Procedures and Principles Regarding the Evaluation of Orders" and the "Procedures and Principles Regarding the Designation of Minimum and Maximum Price Limits in the Day-Ahead Market and Balancing Power Market".

Gap amount in day-ahead market

ARTICLE 53/A³¹⁸- (1)³¹⁹ In order to finance the gap between the daily system purchase amount and the system sales amount caused by rounding up, block and flexible orders within the scope of the day-ahead market, the gap amount shall be collected from the day-ahead market participants.

³¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

³¹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

³¹⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³¹⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³¹⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

(2)³²⁰ The Gap Amount Procedure shall be prepared by the Market Operator and published on its website. The Market Operator shall complete reflecting the developments and changes required by the Authority to the Procedure within the allotted time.

Structure and content of block purchase and sell orders
ARTICLE 54³²¹

Structure and content of flexible sales offers
ARTICLE 55³²²

Structure and content of flexible sales offers
ARTICLE 56³²³

Submission and confirmation of day-ahead market orders

ARTICLE 57³²⁴– (1) The time period where day-ahead market orders for any day can be notified, starting from 5 days before the relevant day until 11:30 of the previous day, shall be called the order submission period. Day-ahead market orders placed by market participants participating in the day-ahead market for any day shall be notified to the Market Operator via the MMS within the order submission period.

(2) Orders shall be submitted to the Market Operator by using all available communication facilities within the order submission period specified by the market participants participating in the day-ahead market, in line with the provisions of ARTICLE 66.

(3) The submission of day-ahead market orders shall be completed with the registration of orders to the MMS. The registration of orders to the MMS shall at least assign a registration number to the order and record the entry time of the order in the MMS in hours, minutes and seconds. Day-ahead market orders whose registration on the MMS are completed may be viewed by market participants participating in the day-ahead market, limited to their own orders, via the MMS.

(4)³²⁵ Each day-ahead market order submitted via the MMS shall be checked by the Market Operator to confirm whether the limits of the total purchase or sales volume that can be offered to the day-ahead market determined by market participants participating in the day-ahead market or by the Market Operator are exceeded by the market participants. Orders that meet the prescribed criteria shall be confirmed by the Market Operator. The confirmed day-ahead market orders shall become effective. Orders that do not meet the specified criteria shall be rejected by the Market Operator by specifying the cause of rejection and shall not be considered within the scope of day-ahead market activities. A day-ahead market order rejected by the Market Operator may be corrected in accordance with the specified criteria and re-submitted by the relevant market participant within the order submission period.

³²⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31207.

³²¹ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³²² Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³²³ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³²⁴ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418.

³²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

(5) A day-ahead market order, which has been submitted by a market participant participating in the day-ahead market or has become effective after being confirmed, may be replaced by the relevant market participant with a new order within the order notification period. It is essential to check and reconfirm each order is made in accordance with the criteria set forth under the fourth paragraph of this ARTICLE. Any confirmed day-ahead market order shall remain effective unless they are replaced by a newer confirmed order. Records of each change made in the day-ahead market order shall be kept in the MMS.

(6)³²⁶ The maximum purchasing and selling volumes that can be submitted to the day-ahead market by market participants shall be calculated in accordance with the Procedure for Unrequited Market Transactions prepared by the Market Operator. If a market participant submits orders exceeding these volumes, all orders of that market participant shall be canceled via the MMS, in accordance with the aforementioned Procedure.

ARTICLE 57/A³²⁷ - (1)³²⁸ The blocking of advance receivables to be sanctioned on the market participants who are found to have undertaken unrequited market operations by the Market Operator and other relevant procedures shall be regulated under the Procedure for Unrequited Market Transactions.

(2) The Procedure for Unrequited Market Operations shall be prepared by the Market Operator and published on its website. The Market Operator shall complete making the necessary improvements and changes to the Procedure required by the Authority within the allotted time.

Price determination process in the day-ahead market

ARTICLE 58³²⁹ – (1) The process of determining day-ahead prices in the day-ahead market shall be carried out daily between 12 00-13:00, for each hour of the relevant day and shall consist of the following steps:

a) A single UMCP shall be calculated for each hour of the relevant day considering the day-ahead market orders submitted for all bidding zones and disregarding transmission congestion between zones;

b) Purchase and sales quantities for each bidding zone at UMCP level and envisaged energy flow quantities between bidding zones that are connected via lines with transmission congestions shall be determined. In cases where the envisaged energy flows between zones are less than or equal to the transmission capacity allocated for the day-ahead market, the UMCP shall be determined as FMCP for the relevant bidding zones. If it is determined that the envisaged flow volumes between the zones exceed the transmission capacity allocated for the day-ahead market, separate FMCPs shall be determined for each bidding zone and each hour, in order to eliminate the inter-zone transmission restrictions;

c) The volume of purchase or sale made by each market participant within the scope of the day-ahead market at the determined FMCP level shall be determined and notified to the market participants with a commercial transaction approval.

³²⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 1 October 2019 and numbered 30857.

³²⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 1 October 2019 and numbered 30857.

³²⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 1 October 2019 and numbered 30857.

³²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418.

Matching and determination of UMCP in the day-ahead market

ARTICLE 59³³⁰ - (1) UMCP and matching volumes shall be determined for all bidding zones within the framework of the Structure of Day-Ahead Market Orders and the Procedures, and Principles for Evaluation of Orders approved by the Board.

Congestion management process in the day-ahead market and determination of FMCP

ARTICLE 60³³¹ – (1) After determining the UMCPs, the Market Operator shall calculate the purchase and sales volumes at the level of UMCP, for each bidding zone. Purchase and sales volumes shall be calculated by taking into account the prices in hourly purchase bids and sales offers submitted for the relevant bidding zone, the volumes in price-volume pairs equal to the UMCP, and the accepted block and flexible order volumes.

(2) If the gap between the purchase and sale volumes at the level of UMCP for the relevant bidding zone is less than or equal to the transmission capacity reserved for the day-ahead market transactions, the FMCP for the relevant bidding zone shall be determined as equal to the UMCP.

(3)³³² If the gap between the purchase and sale volumes at the UMCP level is greater than the transmission capacity reserved for the day-ahead market operations for more than one bidding zone, FMCPs shall be determined considering the transmission congestions.

(4)³³³ In cases where there is less supply than the demand available at the maximum price level, the Market Operator may apply one or both of the methods of collecting day-ahead market orders by raising the maximum price limits and renewing market transactions or reducing hourly purchase bid volumes in a way that affects all market participants equally until this intersection of supply and demand is achieved. In cases where there is less demand than the supply available at the minimum price level, the Market Operator may apply one or both of the methods of re-collecting day-ahead orders by reducing minimum price limits or reducing the hourly order quantities in a way that affects all market participants equally, until this intersection of supply and demand is achieved. In case the day-ahead market transactions are renewed, the time schedule shall be announced to the market participants by the Market Operator. If the volume of purchase bids is reduced in a way that affects all market participants equally until the intersection is achieved, the reduced demand volume shall be notified to the System Operator by the Market Operator. The power outage schedule to be applied on the next day regarding the volume notified shall be designated and implemented by the System Operator.

(5)³³⁴ Day-ahead market orders shall be collected for 23 or 25 hours on days when the daylight saving time is applied in order to benefit more from daylight and the FMCP shall be determined by taking these orders into consideration.

Evaluation of block orders

ARTICLE 61³³⁵

³³⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³³¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³³² Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³³³ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³³⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

³³⁵ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

Evaluation of flexible sales offers

ARTICLE 62 ³³⁶

Commercial transaction approval

ARTICLE 63- (1) After calculation of the FMCP for each bidding zone, the Market Operator shall notify the calculated purchase and sales quantities to the relevant market participant via commercial transaction approvals that include the validated purchase and sales quantities.

(2) Commercial transaction approval shall be notified to the relevant market participants until 13:00 by the Market Operator. Commercial transaction approval shall include at least the following information:

a) Name of the relevant market participant and code for participation to the day-ahead market;

b) Order validity date;

c)³³⁷ The period of time the order is accepted;

ç) The bidding zone where the order is valid;

d) Volumes purchased and sold by the relevant market participant;

e) Approved purchase-sale price.

(3) Market participants participating in the day-ahead market shall be given until 13:30 in order to make an appeal, if there is an error in the content of these notifications. Appeals shall be accepted only if the error is attributable to the Market Operator. If the appeal is justified, the Market Operator shall be obliged to correct the purchase-sales quantities, and send the corrected commercial transaction approval to the relevant market participant until 14:00. In case of delay in the delivery of the commercial transaction approval in accordance with the MMS breakdown procedures set forth under ARTICLE 65, the market participants shall be given an appeal period of 30 minutes, starting from the time the commercial transaction approval is sent by the Market Operator. If this appeal is justified, Market Operator shall be obliged to send the corrected commercial transaction approval to the relevant participant within 30 minutes.

(4) Unless the Market Operator finds that the appeal is justified, it does not eliminate the obligations of the relevant market participant. The relevant market participant, who does not make an appeal within the given period, shall be deemed to have accepted the commercial transaction approval, with all its contents. After the completion of the appeal period, the commercial transaction approvals shall become a contract for the volumes they contain.

(5) In case of delay in the commercial transaction approvals, if it deems necessary, the Market Operator may designate different rules for commercial transaction approvals and appeals, provided that these are announced to the market participants.

Notification of the day-ahead market results to the system operator

ARTICLE 64³³⁸ – (1) After the commercial transaction approval, the Market Operator shall submit the day-ahead market results, of which commercial transaction

³³⁶ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³³⁷ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

³³⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

approvals have been completed, to the System Operator via the MMS, in the format designated by the System Operator.

MMS breakdown procedures within the scope of the day-ahead market

ARTICLE 65³³⁹ - (1) In the event that problems that would prevent the operations to be carried out in a healthy manner occur in the computer, software or other technological infrastructure used by the Market Operator while carrying out day-ahead market activities or the communication lines used by the Market Operator are interrupted, the MMS breakdown procedures shall apply.

(2) In case of unexpected breakdown of the MMS, the Market Operator shall designate new periods for the transactions to be completed, if it is revealed that the Market Operator will not be able to complete the transactions within the period designated in accordance with the provisions of this Regulation. Notifications to be made in accordance with the provisions of this Regulation shall be made using alternative channels set forth under ARTICLE 66. In the event that the MMS breaks down and the Market Operator is not able to complete the day-ahead market transactions before the start of the relevant day, the values included in the commercial transaction approvals of the market participants the day before the beginning of this situation or a similar day to be announced by the Market Operator shall be used hourly, as long as the breakdown persists. The expiry time of MMS breakdown procedures shall be announced by the Market Operator to the market participants participating in the day-ahead market.

(3) The Market Operator and market participants participating in the day-ahead market shall be obliged to identify at least one individual who can be contacted immediately in cases where the MMS breakdown procedures are in effect, provide the relevant telephone and fax numbers to the other party, and inform the other party when their contact information changes.

(4) The Market Operator shall be obliged to take the necessary precautions to prevent the MMS from breaking down. The Market Operator cannot be held liable for additional costs and losses arising out of the execution of the MMS breakdown procedures.

Notifications within the context of the day-ahead market

ARTICLE 66 - (1) the following notifications shall be made via the MMS within the day-ahead market:

- a) Notification of bidding zones designated by the System Operator to the Market Operator and relevant market participants;
- b) Notification to the Market Operator and the relevant market participants of the transmission capacities that can be used for the day-ahead market, as designated by the System Operator;
- c) Notification of the day-ahead market orders to the Market Operator by the market participants participating in the day-ahead market;
- ç) Notification of the relevant market participants about the confirmation or rejection of day-ahead market orders submitted by market participants participating in the day-ahead market;
- d) Announcement of the day-ahead prices determined for the bidding zones to the market participants;

³³⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2018 and numbered 29309.

e) Notification of commercial transaction approvals to the relevant market participants by the Market Operator;

f) Notification of appeals to commercial transaction approvals made by market participants participating in the day-ahead market to the Market Operator, and the results of such appeals to the relevant market participants by the Market Operator;

g) Notifications made to the System Operator by the Market Operator regarding day-ahead market results;

ğ) All notifications to be made to the relevant market participants by the Market Operator and the System Operator, all information to be published and all announcements to be made, other than those stated above;

h) All notifications to be made by the relevant market participants to the Market and/or System Operator, other than those mentioned above.

(2)³⁴⁰ Market participants shall be obliged to take the necessary measures in order to gain access to the MMS. However, in case the MMS is not functioning, notifications shall be made by the procedure designated by the Market Operator and announced to the market participants. Notifications made via the designated procedure shall be transferred to the MMS by the Market Operator.

CHAPTER THREE³⁴¹

Intraday Market

General principles regarding functioning of the intraday market

ARTICLE 66/A³⁴² - (1) Procedures regarding the intraday market shall be carried out within the framework of the following general principles:

a) Intraday market transactions shall be carried out on an hourly basis. Intraday market shall start at 00:00 on a day, and ends at 00:00 of the next day;

b) Matching orders in the intraday market shall create an obligation for the market participant to supply or demand a constant level of physical electricity during the relevant time period;

c) In each order considered in the intraday market, the Market Operator shall be a party to the relevant market participant;

ç) Each order submitted to the intraday market on a contract basis shall be valid for a certain bidding zone, a certain day, and a certain period of the day;

d) Processes in the intraday market may take place at any time until the intraday market's gate closing time;

e) Matches in the intraday market shall be carried out via the continuous trading procedure where orders can be matched immediately after they are included in the order book and the commercial transaction can take place;

f) Intraday market gate closing time shall be two hours before physical delivery. The Market Operator may change the gate closing time of the intraday market provided that it notifies the market participants and the Authority at least one month in advance.

Intraday Market Process

³⁴⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

³⁴¹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2018 and numbered 29309.

³⁴² Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2018 and numbered 29309.

ARTICLE 66/B- (1) The intraday market shall be operated continuously and the process shall consist of the following steps:

a) If there is more than one bidding zone, the available inter-zone transmission capacity that has not been utilized in the day-ahead market shall be utilized in the system.

b) Intraday market participants shall submit their intraday market orders for the next day to the Market Operator via the MMS starting from 18:00 every day, until the intraday market gate closing time.

c) Intraday market orders may be updated, canceled or suspended by the relevant market participant until such time when the validity period of the relevant contract expires, as long as they do not match. The MMS shall be based on the last update of the order, taking into account the time information.

ç) Sales offers submitted for the relevant contract shall be ranked by the MMS in an increasing order according to price and the purchase bids shall be ranked according in a decreasing order according to the price. In case there are orders of the same type and price, these orders shall be ranked according to their time of submission.

d) Market participants can see the total volume of best-priced orders for a contract in the order book, either in the purchase or sell direction. All other orders can also be seen by the participants on the same screen.

e) Intraday market participants shall submit their appeals to the Market Operator in accordance with Article 66/H, after reviewing commercial transaction approvals notified to them following matching of the orders.

Intraday market orders

ARTICLE 66/C - (1)³⁴³ Orders may be submitted to the intraday market for hourly contracts. Orders submitted for hourly contracts may be divided.

(2) The Market Operator may define new order types for the intraday market.

(3)³⁴⁴ Intraday market orders consist of information about the volume and price that can vary for different contracts. The minimum price steps that can be submitted in the intraday market shall be announced to the market participants via the MMS after they are designated by the Market Operator. Order volumes shall be reported in terms of 1 lot and its multiples.. Better price shall mean the lower price in selling offers and higher price in purchasing bids.

(4) Orders for contracts shall contain at least the following information:

a) Market participant's name and intraday market participation code;

b) The day the order is valid;

c) Contract defining the time period that the order is valid;

ç) The bidding zone where the order is valid;

d) Order type;

e) The direction of the order (buy or sell);

f) Price and volume information;

g) Order validity period;

ğ) Other information that will be requested by the Market Operator and announced to the market participants via the MMS.

³⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

³⁴⁴ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

(5)³⁴⁵

The participants may use the following order options:

a) Standard: The orders that can be fully or partially matched immediately upon submission, and in case they are not fully matched, are valid until the gate closing time.

b) Definite: The orders in the order book pending matching for a time period designated by market participants, which shall not exceed the gate closing time.

c) Fill or kill (TEYE): The orders that can be fully matched with the existing orders in the order book immediately upon submission and are removed from the order book in case they are not fully matched.

ç) Immediate or cancel (OEYE): The orders that can be fully or partially matched with the existing orders in the order book immediately upon submission, and the remaining volume of which is removed from the order book.

d) Price-leveled: The orders that can be submitted in levels. In price-leveled orders, the first level order shall be included first in the order book. After the orders included in the order book at each level are fully matched, the orders at the following level shall remain in the order book in their respective order until the order is fully matched or the validity period of the order expires. In buy-side price-leveled bids, the price entered for each level shall be submitted as equal to or lower than the price of the bid at the previous level; and in sell-side price-leveled offers, the price entered for each level shall be submitted as equal to or higher than the price of the offer at the previous level. In price-leveled orders, the number of levels and the minimum volume that can be entered for each level shall be designated by the Market Operator and announced to the market participants via the MMS at least ten days in advance.

e) Time-leveled: The orders that can be submitted by levels arranged according to time, provided that the volume at each level remains fixed. The activation time shall be entered for each level that comes after the first level. In buy-side time-leveled bids, the price entered for each level shall be submitted as higher than the price of the bid at the previous level, and in sell-side time-leveled offers, the price entered for each level shall be submitted as lower than the price of the offer at the previous level. The number of levels and the nearest update time between the levels shall be designated by the Market Operator and announced to the market participants via the MMS at least ten days in advance.

f) Iceberg: The orders that can be submitted by entering the total order volume and level volume. The number of levels shall be calculated according to the level volume of the total volume. In iceberg orders, the first level order shall be included first in the order book. After the orders included in the order book at each level are matched, the orders at the following level shall remain in the order book in their respective order until the order is fully matched or the validity period of the order expires. When each of its levels are activated, the relevant level of the order shall receive a new timestamp. If the iceberg order has priority, the match price for each level shall be equal to the price of the iceberg order. The minimum and maximum volumes that can be entered for total volume and level volume in iceberg orders shall be designated by the Market Operator and announced to the market participants via the MMS at least ten days in advance.

(6)³⁴⁶ The lower and the upper price limits for the intraday market orders shall be determined by multiplying the highest and the lowest price limits specified in the

³⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

³⁴⁶ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

Procedures and Principles for the Determination of the Minimum and Maximum Price Limits in the Day-Ahead Market and the Balancing Power Market by the positive and negative imbalance coefficients. The lower and upper price limits shall be notified to the market participants via the MMS.

Structure and content of hourly bids

ARTICLE 66/Ç - (1) Intraday market participants shall submit their orders for valid hourly contracts to the Market Operator via the MMS.

(2) Hourly orders may be fully or partially matched.

(3) The price in the hourly purchase bid shall be the maximum price offered by the market participant to purchase up to the electricity volume specified in the order.

(4) The price in the hourly sales offer shall be the minimum price offered by the market participant to sell up to the electricity volume specified in the order.

Structure and content of block orders

ARTICLE 66/D³⁴⁷

Notification of intraday market orders

ARTICLE 66/E - (1) Intraday market participants may submit their orders for any day to the Market Operator via the MMS, starting at 18:00 on the previous day and until the validity period of the relevant contract expires.

(2) The notification of intraday market orders shall be made following registration of the orders to the MMS. The registration of orders to the MMS shall be made by at least assigning a registration number to the order and recording the entry time of the order to the MMS in hours, minutes and seconds. Intraday market orders registered to the MMS may be viewed by intraday market participants via the MMS.

(3) An intraday market order registered in the MMS shall be active for as long as the relevant contract is valid unless it is matched, replaced by a new order, canceled or suspended.

(4)³⁴⁸ The measures to be applied to the market participants who cause disruptions to the operation of the intraday market or excessive load in the system due to the orders they submit shall be regulated in the Procedure for the Technical Requirements of the Orders Submitted in the Intraday Market to be prepared by the Market Operator and announced on the website.

The matching of orders in the intraday market and commercial transaction approval

ARTICLE 66/F - (1)³⁴⁹ Following the active registration of orders submitted by market participants to the intraday market for all bidding zones, in case there are hourly counter orders with equal or better price for the same hourly contract in the relevant bidding zone;

a) Complete match shall be made if counter order is for an equal volume;

³⁴⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

³⁴⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

³⁴⁹ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404

b) If the counter order is not of equal volume, partial match shall be made with the matching volume equal to the smallest volume order;

The price of the executed transaction shall be the price of the order entered in the order book first. (2) Hourly contracts and block contracts shall be kept in separate order books and orders submitted for block contracts shall not match with orders submitted for hourly contracts.

(3) Matched orders shall be removed from the best priced order list and the Market Operator shall notify the relevant market participants of their commercial transaction approvals via the MMS. In case of a partial match, the remaining volume that is not matched shall keep its place in the order book as long as the order is valid and then they can be matched.

(4) After the commercial transaction approval, market participants may view the matching transactions on the MMS without any information about the counterparties their orders were matched with. Commercial transaction confirmation shall include at least the following information:

- a) The day the order is valid;
- b) The time period in which the order is valid;
- c) The bidding zone where the order is valid;
- ç) Volumes purchased and sold by the market participant;
- d) Price.

MMS breakdown and maintenance procedures in the intraday market

ARTICLE 66/G - (1) MMS breakdown and maintenance processes shall apply, if problems preventing healthy conduct of operations occur in computer, software or other technological infrastructure used by the Market Operator in the execution of market activities, maintenance is carried out in the MMS or communication lines used by the Market Operator are down.

(2)^{350, 351} The Market Operator may suspend the relevant contracts and, if and when the relevant circumstances end, may reopen to trade the suspended contracts whose gate closing time have not passed, in case the MMS fails, maintenance is underway on the MMS or it is revealed that it will not be able to complete the transactions required to be completed within the specified period in accordance with the provisions of this Regulation. The start and end times of MMS maintenance shall be announced to intraday market participants by the Market Operator.

(3) Market Operator and each intraday market participant shall determine at least one individual who can be contacted immediately in cases where the MMS breakdown or maintenance processes are in effect and shall make available to each other the contact information of this individual.

(4)³⁵² The Market Operator shall be obliged to take the necessary precautions to prevent the MMS from breaking down. Market Operator cannot be held liable for additional costs and damages arising from execution of MMS breakdown procedures.

Notifications within the intraday market

³⁵¹ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404

³⁵² Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

ARTICLE 66/Ĝ - (1) The following shall be executed via the MMS in the intraday market:

- a) Notification of orders to the Market Operator by intraday market participants;
 - b) Notification of commercial transaction approvals to the relevant market participants by the Market Operator;
 - c) Notification of appeals by market participants participating in the intraday market to the Market Operator regarding commercial transaction approvals made and notification of results of such appeals by the Market Operator to the relevant market participants;
 - ĉ) Notifications made to the System Operator by the Market Operator regarding intraday market results;
 - d) Notifications made by market participants to the System Operator regarding intraday market results;
 - e) All notifications to be made to the Market and/or System Operator by the relevant market participants, including those mentioned above.
- (2) Market participants shall take the necessary measures to access the MMS.

Appeal process in the intraday market

ARTICLE 66/H³⁵³ - (1) The intraday market participants shall be given 15 minutes following the notification to make an appeal provided that it is not later than five minutes after the gate closing time, if there is an error in notifications regarding their commercial transaction approvals. The appeal made shall be answered by the Market Operator within 20 minutes, provided that it is not later than 10 minutes after the gate closing time.

(2) Market participants who do not have the opportunity to object due to the MMS breakdown procedures set forth under Article 66/G, shall be given an appeal period of 15 minutes by the Market Operator, starting once the breakdown is repaired.

(3) In case an error originating from the Market Operator is detected as a result of the appeals made or *ex officio*, the Market Operator shall make the correction as follows within technical possibilities:

- a) If the error is related to the match price, the MCP regarding the hour to which the relevant contract belongs shall be considered as the match price.
- b) If the error is related to the matching volume, the match shall be cancelled.
- c) If correction is not possible, the match shall be cancelled.

(4) As a result of the correction made, the payment required to be made to the market participants or the payment required to be made by the market participants shall be included in the advance payment notification regarding the advance payment period of the contract.

(5) Unless the Market Operator accepts the appeal made, the relevant market participant is not relieved of its obligations. The market participant that does not raise an appeal within the given period, shall be deemed to have accepted the commercial transaction approval together with all its contents. After the end of the appeal period, commercial transaction approvals shall become a contract.

(6) In case of an appeal relating to the commercial transaction approvals of a contract, the Market Operator may suspend the relevant contract upon evaluation of the appeals.

(7) A fee of TL 1000 per appeal shall be added to the participant's intraday market operating fee for appeals which are not accepted by the Market Operator. The fee collected

³⁵³ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

as a result of the appeals shall be deducted from the variable portion of the intraday market operating fee.

PART FIVE

Provisions Regarding Balancing Power Market

CHAPTER ONE

Balancing Power Market

General principles regarding the functioning of the balancing power market

ARTICLE 67 - (1) Transactions regarding the balancing power market shall be carried out within the framework of the following general principles:

a) Balancing power market orders shall be submitted daily, on an hourly basis. Each day consists of hourly time slots starting from 00:00 and ending at 00:00 the next day;

b) All orders submitted to the balancing power market shall be valid for a certain balancing unit, a certain bidding zone, a certain day and a certain period of the day;

c)³⁵⁴ In orders submitted to the balancing power market, it is essential to capture all of the technically feasible capacity of the relevant balancing unit in accordance with the structure of the submitted order. The capacity corresponding to the primary frequency control and secondary frequency control reserve volumes within the scope of the Electricity Market Ancillary Services Regulation allocated before the bidding phase of the balancing power market shall be excluded from this capacity. Hydraulic generation facilities may take into account, the constraints of water use and reserve management while determining the capacity that they can order;

ç) It is assumed that the instructions given by the System Operator within the scope of the balancing power market correspond to a fixed supply or demand level between the start and end times;

d) The UpReg and DownReg orders accepted in the balancing power market shall create an obligation for physical electricity supply or demand for the relevant market participant;

e) Balancing power market instructions may be given at any time until the end of the relevant day after the finalization of day-ahead generation/consumption program and UpReg, DownReg order notification within the scope of Balancing Power Market;

f) Each transaction concluded in the balancing power market shall be performed by delivering active electricity at the settlement electricity delivery point, during the relevant instruction period.

Notification of demand forecast by the System Operator

ARTICLE 67/A- (1)³⁵⁵ - The demand forecast for the next day shall be published by the System Operator every day until 11:30, via the MMS.

(2) The demand forecast announced by the System Operator shall include the total demand (MWh) information to be met by all generation facilities in the system within each settlement period starting from 00:00 until 24:00 on the day following the day of the announcement.

³⁵⁴ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

³⁵⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

(3) It is essential that the demand forecast announced by the System Operator is prepared on the basis of the most up-to-date data available.

Balancing power market process

ARTICLE 68³⁵⁶ - (1) The process regarding the balancing power market shall start with the completion of the day-ahead market as of 14:00 every day, and shall be carried out daily within the framework of the following steps:

a)³⁵⁷ Every day, until 16:00, each market participant participating in the balancing power market shall notify their finalized day-ahead generation/consumption programs that include hourly generation or consumption values for all settlement supply/draw units that qualify as generation, electricity storage unit or facilities³⁵⁸ and consumption facilities registered in their account and the UpReg and DownReg orders regarding the balancing power market to the System Operator via the MMS;

b) Every day, until 17:00, the System Operator shall check the final day-ahead generation/ consumption program notifications and UpReg and DownReg orders, and shall determine whether there are any clerical errors in the notifications. The System Operator shall contact the relevant market participant regarding the erroneous notifications and shall ensure that the necessary corrections are made until 17:00;

c) The UpReg and DownReg orders submitted within the scope of balancing power market shall be listed by the System Operator in the price order for each bidding zone and each hour;

ç) Beginning from 17:00 each day; the System Operator shall evaluate the UpReg and DownReg orders submitted in the balancing power market in order to eliminate existing or foreseeable energy surplus or deficit in the system regarding the relevant day, removing system congestions and/or building capacity for provision of ancillary services, and shall issue instructions for accepted orders to the related market participants. Notifications regarding termination of instructions shall be made to the relevant market participants;

d)³⁵⁹ The instructions created within the scope of the balancing power market shall be labeled with the code 0 for balancing instructions, 1 for instructions for eliminating system congestion, and 2 for ancillary services. The Market Operator shall take as a basis the Procedure for Determining Label Values and Calculation of System Marginal Price within the Scope of Balancing Power Market issued by the Authority with the approval of the President, in determining the System Marginal Price and the instructions for UpReg and DownReg via the MMS;

e)³⁶⁰ System marginal prices determined in the balancing power market for each hour shall be designated by the System Operator within four hours following the relevant hour, and shall be announced to the market participants.

Notification of the final day-ahead generation/consumption programs

³⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁵⁷ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

³⁵⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

³⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

³⁶⁰ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

ARTICLE 69³⁶¹ - (1) The finalized day-ahead generation/consumption programs and available capacities regarding the generation or consumption values that are expected to be realized hourly for the next day, depending on the obligations of each market participant regarding balancing responsibility and the result of the day-ahead market; shall be provided to the System Operator until 16:00 every day. The declared FDGSs may be updated by the relevant market participant at the latest half an hour after the gate closing time of the intraday market. If the connection of the balancing unit to the system qualifies as a congested connection, the available capacity shall be limited to the technically feasible maximum capacity determined by the System Operator. Market participants who do not have access to the MMS shall report their available capacity and finalized day-ahead generation/consumption programs to RLDC, to which the generation facility is connected, until 15:00. In this case, RLDCs shall enter their finalized day-ahead generation/consumption programs and available capacities to the MMS. RLDCs shall monitor that the finalized day-ahead generation/consumption programs and available capacities for the settlement supply/draw units within their region are submitted to the MMS until 16:00 every day and shall ensure that the market participant completes its entry to MMS on time.

(2)³⁶² All settlement supply/draw units, which qualify as generation facilities, shall be obliged to report their finalized day ahead generation/consumption programs and available capacities. The finalized day-ahead generation/consumption program includes the hourly generation or consumption values for all balancing units registered in the name of the market participant, which qualify as generation and consumption facilities, and non-balancing settlement supply/draw units, which qualify as generation facilities. The finalized day-ahead generation/consumption programs shall be notified separately on the basis of balancing units, for balancing units and non-balancing settlement supply/draw units, which qualify as generation facilities.

(3) In case the gap between the final day-ahead generation/consumption program of a balancing unit within the scope of the balancing power market is 200 MWh or more for 2 consecutive hours, the final day-ahead generation/consumption program for the second hour shall be given to the System Operator broken down to periods of 15 minutes. For such balancing units, final day-ahead generation/consumption programs shall be submitted on the basis of 15 minute periods, instead of hourly final day-ahead generation/consumption programs.

(4) The finalized day-ahead generation/consumption programs and orders for UpReg and DownReg, checked by the System Operator for clerical errors, shall be confirmed until 17:00.

(5)^{363, 364, 365} Market participants shall carry out the generation/consumption activities of their related generation/consumption facilities and/or electricity storage units or facilities as set forth under their FDGS, unless otherwise instructed by the System Operator. Whether the generation/consumption facilities and/or electricity storage units or facilities realize their generation/consumption in accordance with the FDGSs and the instructions given by the System Operator, shall be monitored by the NLDC or related RLDCs for

³⁶¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁶² Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418.

³⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

³⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

³⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

generation and/or electricity storage units or facilities that are balancing units, and by the related RLDCs for other generation and/or electricity storage units or facilities.

(6)³⁶⁶ If the System Operator deems it necessary for the security of system operation, it may report market participants who are found not to have realized their generation or consumption in accordance with the FDGSs and the instructions of the System Operator to the Authority for sanctions to be imposed in accordance with Article 16 of the Law by preparing a report containing the details of its findings.

(7)³⁶⁷

The structure and content of the UpReg and DownReg Orders submitted within the scope of the balancing power market

ARTICLE 70³⁶⁸ - (1) Market participants participating in the balancing power market shall submit hourly UpReg and DownReg orders, including order prices and order volumes, for generation/consumption increases or decreases that they may perform within 15 minutes, taking into account the maximum UpReg and DownReg rates valid for the next day, on the basis of balancing units within the scope of the balancing power market to the System Operator via MMS for each bidding zone and every hour of the relevant day. It is essential to report the relevant order volumes excluding the capacity corresponding to the primary frequency control and secondary frequency control reserve volumes within the scope of the Electricity Market Ancillary Services Regulation.

(2) Hourly UpReg orders to be realized by the balancing entity of market participant within the context of the balancing power market for each hour of the relevant day shall contain the MW volume of generation increase or consumption decrease achievable in maximum 15 minutes, according to the final day-ahead generation/consumption program in case of first level and to the generation or consumption values determined in the previous level in case of other levels, as well as the unit price requested for such increase (TL/MWh).

(3) Hourly DownReg orders to be realized by the balancing entity of market participant within the context of the balancing power market for each hour of the related day, shall contain the MW volume of generation decrease or consumption increase achievable in maximum 15 minutes, according to the final day-ahead generation/consumption program in case of first level and to the generation or consumption values determined in the previous level in case of other levels, as well as the unit price requested for such decrease in generation or increase in consumption (TL/MWh).

(4) Market participants within the scope of the balancing power market may submit their orders for UpReg and DownReg at 15 volume levels, separately for UpReg and DownReg. Except hydroelectric power plants, prices regarding the hourly UpReg and DownReg order volumes shall be notified by the market participant provided that orders are submitted in separate directions for UpReg and DownReg and if the difference between the highest and lowest order prices for all volume levels is in the DownReg direction of the lowest order price in the UpReg direction, provided that the highest order price does not exceed the rate to be determined by the Board. Hydroelectric power plants may declare order price for each volume level independent of the above condition. It is essential that all the submitted UpReg and DownReg bid prices meet the following conditions:

³⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

³⁶⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

³⁶⁸ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

- a)³⁶⁹ The minimum and maximum price limits for all order prices to be submitted to the balancing power market shall be determined by the Market Operator in accordance with the Procedures and Principles for Determining the Minimum and Maximum Price Limits in the Day-Ahead Market and Balancing Power Market, which have been approved by the Board and announced to the market participants via the MMS. All order prices shall have one percent sensitivity and shall be made in the official currency of the Republic of Turkey;
- b)³⁷⁰ All RegUp order prices shall be determined to be greater than or equal to the final market clearing price for the relevant bidding zone at the relevant hour;
- c)³⁷¹ All DownReg bid prices shall be determined to be lower than or equal to the final market clearing price for the relevant bidding zone at the relevant hour;
- ç) All UpReg orders shall be notified such that the price of next order level will be equal to or greater than the price of previous order;
- d) All DownReg orders shall be notified such that the price of the next order level will be lower than or equal to the price of the previous order;
- e)³⁷² If the clocks are moved forward in order to benefit more from the daylight, the final market clearing price for the relevant hour shall be taken into account as 0 TL/MWh;
- f)³⁷³ If the clocks are moved backwards in order to benefit more from the daylight, the arithmetic average of the prices for the relevant hour that is repeated shall be taken into account as the final market clearing price.

(5) For a balancing unit within the scope of the balancing power market, it is essential to determine the total volume of UpReg and DownReg order volumes for one hour, taking into account the output power or consumption change that can be realized within 15 minutes after the instruction reaches the relevant balancing unit. It is essential that all orders submitted for UpReg for a balancing unit within the scope of the balancing power market for any hour can be fulfilled by the relevant balancing unit within a maximum period of 15 minutes. Likewise, it is essential that all orders submitted for DownReg for a balancing unit within the scope of the balancing power market for any hour can be fulfilled by the relevant balancing unit within a maximum period of 15 minutes. In order for an order notice to be valid, the bidder must have the required capacity ready for the order to be fulfilled within maximum 15 minutes. The minimum volume for UpReg and DownReg orders shall be 10 MW. If deemed necessary, the System Operator may set different minimum limits for orders, provided that it notifies the market participants at least 1 month in advance. All notified orders shall be expressed in terms of 1 MW and its multiples.

(6) Regarding the UpReg and DownReg orders submitted within the context of balancing power market, it is essential that the participants propose the capacity that they can realize within maximum 15 minutes, in UpReg and DownReg directions regarding the balancing units in the balancing power market.

(7) It is essential that the market participants participating in the balancing power market notify the System Operator of the available capacity of the balancing units together with the UpReg and DownReg orders within the scope of the balancing power market.

Submission of UpReg and DownReg orders

³⁶⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁷¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁷² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

³⁷³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

ARTICLE 71 - (1) UpReg and DownReg orders determined on balancing unit basis within the scope of the balancing power market for the next day shall be submitted to the System Operator via the MMS every day until 16:00 by the market participants participating in the balancing power market. It is mandatory that the UpReg and DownReg orders be submitted to the System Operator by using all available communication facilities, as set forth under Article 77, until the specified time.

(2) UpReg and DownReg order volumes submitted in the balancing power market:

a) May be updated by the relevant market participant until half an hour following the gate closing time of the intraday market, in case there is a change in FDGSs due to intraday market activities;

b)³⁷⁴ May be changed by no later than 1 hour before the time it is valid, in case of a technical requirement other than intraday market activities. Such a change can only be made by informing the System Operator about the technical requirement that necessitates the order change, and upon the System Operator's permission to change the order. The technical reasons for the change in the order shall be notified in writing to the System Operator within no later than 2 business days.

Making changes in technical parameters

ARTICLE 71/A (1)³⁷⁵ Market participants participating in the balancing power market shall be required to follow the instructions presented to them by the NLDC within the scope of real time balancing. If the said legal entities are unable to fulfill their obligations due to technical requirements, they shall promptly inform NLDC and/or RLDC through communication means such as telephone and fax. Parties subject to real time balancing shall be obliged to notify NLDC of the reasons for not fulfilling their obligations in writing within no later than 3 business days following the event.

(2) Market participants participating in the balancing power market shall be obliged to comply with the FDGPs that they have notified to the NLDC. In case of a change in the available capacities of the balancing units, the NLDC shall be informed about the issue first via communication means such as telephone, fax, and then via the MMS. Any changes occurring in the available capacity shall be notified to the NLDC with the technical justification that caused the change and shall become valid with the approval of the NLDC. Any change that will occur in the available capacity with the NLDC's approval shall not eliminate the participant's financial liabilities relating to imbalance.

(3) In the event of a reduction in the available capacity by means of an approval by the NLDC, first a reduction shall be applied in the UpReg order volumes relating to the relevant balancing unit. If the reduction made in the volume of the UpReg order does not meet the reduction in the availability of the relevant balancing unit, the FDGP and DownReg bid volumes of the relevant balancing unit shall also be reduced. Previously submitted orders to the balancing unit with reduced available capacity shall be terminated by the NLDC in proportion to the volume of available capacity reduction.

(4) In the event of an increase in available capacity upon approval by the NLDC, entry of new UpReg order volumes or updating of existing UpReg orders shall be permitted for the subsequent hours of the relevant day. The increase in the available capacity of a

³⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³⁷⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418.

balancing unit shall not constitute a reason for increasing the FDGP value of that balancing unit.

(5)³⁷⁶ Following FDGP approval of a change in available capacity, information regarding the balancing unit, including submission and approval times shall be notified to market participants via the MMS.

Evaluation of UpReg and DownReg orders

ARTICLE 72 - (1) UpReg and DownReg orders submitted in the balancing power market on a bidding zone basis shall be listed in order of price for each hour. The orders listed in order of prices shall be evaluated in a way to ensure operational safety and system integrity, and shall minimize balancing costs by considering the following:

- a) Transmission system congestions;
 - b) Technical congestions regarding balancing units within the scope of the balancing power market;
 - c) Criteria for supply reliability and quality of supply.
- (2) Volumes of UpReg and DownReg instructions given due to the congestions set forth under the first paragraph of this ARTICLE shall be published by the System Operator.

UpReg and DownReg instructions in the balancing power market

ARTICLE 73 - (1) UpReg and DownReg instructions created within the scope of the balancing power market shall indicate the output power change that the relevant balancing unit must perform within no later than 15 minutes from the issuance of the instruction or the starting time of the instruction.

(2) The instructions issued within the context of the balancing power market shall start to be fulfilled after the instruction is notified or when the starting time of the instruction comes and shall end with a notification issued by the System Operator. Unless otherwise notified, all instructions submitted within the scope of the balancing power market for a day shall expire at the end of the relevant day.

(3) The instructions issued within the scope of balancing power market shall be notified to the relevant participants primarily via the MMS. If deemed necessary, the instructions notified via the MMS are also notified via telephone.

(4) It is essential that market participants participating in the balancing power market perform their generation under the relevant balancing units as set forth under the instruction. The System Operator shall issue a written warning to the relevant market participants who do not fulfill the instructions given to them without a valid reason acceptable to the System Operator, in order to eliminate such violations. In case the relevant market participant continues such violations, the System Operator shall prepare a report containing the details of the violation and shall apply to the Authority.

(5)³⁷⁷ If the Authority finds that a violation was committed by examining the report, it shall impose sanctions on the relevant market participant in accordance with Article 16 of the Law.

Principles regarding the label values of the UpReg and DownReg instructions within the scope of the balancing power market

³⁷⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

³⁷⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

ARTICLE 74³⁷⁸ - (1) The UpReg and DownReg instructions issued as a basis for settlement for the real-time balancing of supply and demand throughout the system, shall be evaluated separately from the UpReg and DownReg instructions issued within the framework of other activities performed by the System Operator pursuant to the relevant legislation. The label value of instructions issued for the real-time balancing of supply and demand throughout the system shall be set as 0, the label value of instructions issued to remove system congestions shall be set as 1, and the label value of the instructions issued within the scope of ancillary services shall be set as 2 by the System Operator. In case an instruction is related to more than one purpose, the instruction label value shall be assigned by the System Operator according to the most closely related reason.

Order acceptance and instructions in case of emergency and force majeure

ARTICLE 75 - (1) The System Operator shall issue emergency instructions to market participants participating in the balancing power market within the framework of the maximum capacities that the relevant generation units can provide, in order to protect the operational safety of the transmission system in case of an emergency or an event of force majeure. Emergency instructions shall be considered as an order acceptance for the relevant balancing unit. Emergency instructions shall not be required to be compatible with the orders submitted within the scope of the balancing power market for the relevant balancing unit. Emergency instructions shall be in the same structure as the UpReg and DownReg instructions in the balancing power market. It is essential that market participants participating in the balancing power market fulfill an emergency instruction. Market participants participating in the balancing power market shall immediately notify the System Operator, along with the reasons, in case they will not be able to fulfill the emergency instruction.

(2)³⁷⁹ Market participants who are balancing units but have not submitted orders within the scope of the balancing power market or who have generation units without being a balancing unit may be issued emergency instructions by the System Operator for the relevant generation facilities. As for the settlement price for these instructions, if the instruction is in the UpReg direction, the highest price of the UpReg instruction issued at the relevant hour, and if the instruction is in the DownReg direction, the lowest price of the DownReg instruction issued at the relevant hour shall be used, and the instructions shall be recorded to be used in determining the net instruction volume. In the event that there are no instructions in the same direction as the emergency instruction at the relevant hour, the arithmetic average of the order prices in the same direction in the previous month shall be used as the settlement price for the instructions in question. However, in the event that the arithmetic average price determined for UpReg instructions is lower than the market clearing price of the relevant hour or the arithmetic average price determined for DownReg instructions is higher than the market clearing price of the relevant hour, the market clearing price of the relevant hour shall be used as the settlement price for such instructions.

MMS failure procedures regarding the balancing power market

ARTICLE 76 - (1) If the breakdown that has been described within the scope of Article 65 has affected the balancing power market and if it appears that System Operator

³⁷⁸ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

³⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 24 February 2022 and numbered 31760.

will not be able to complete the procedures in accordance with this Regulation within the specified time frame, the System Operator shall determine a new time frame for the procedures to be completed. Notifications to be made in accordance with the provisions of this Regulation shall be made using alternative means set forth under Article 77. In case the MMS breaks down and System Operator cannot collect orders regarding the balancing power market, FDGS values, UpReg and DownReg orders of market participants for the day before the breakdown or for a similar day announced by the System Operator; the day-ahead market prices of the relevant day, if any, or the day-ahead market prices regarding a similar day shall be used on an hourly basis as long as the breakdown continues. In the event that MMS breaks down and the System Operator cannot collect balancing power market orders before the start of the relevant day, FDGS values of market participants from the day preceding the beginning of this situation or a similar day to be announced by the System Operator, its UpReg and DownReg orders, the day-ahead market prices for the relevant day, if any, or the day-ahead market prices of a similar day shall be used on an hourly basis as long as the breakdown continues. If it is technically impossible for market participants to fulfill the values announced by the System Operator, the System Operator shall be informed about the situation. The expiration time of MMS breakdown procedures shall be announced by the System Operator to the market participants participating in the balancing power market.

(2) The System Operator and market participants participating in the balancing power market shall be obliged to determine at least one person who can be contacted immediately in cases where the MMS breakdown procedures are in effect, provide the relevant telephone and fax numbers to the other party, and inform the other party when their contact information changes.

(3) The System Operator shall be obliged to take the necessary precautions to prevent the MMS from breaking down. The Market Operator and/or the System Operator cannot be held liable for additional costs and damages resulting from execution of MMS breakdown procedures.

CHAPTER TWO

Notifications and Information to be Provided by the System Operator for Settlement Purposes

Notifications within the scope of the balancing power market

ARTICLE 77 - (1) The following shall be realized through the MMS within the scope of the balancing power market:

a) ³⁸⁰ Notifying the System Operator of the day-ahead generation/consumption programs and the UpReg and DownReg orders, available capacities and minimum stable generation level values for ancillary service units by the market participants;

b) Notifications made by the System Operator to the market participants regarding errors detected in the day-ahead generation/consumption programs or in the UpReg, DownReg orders;

c) Notification of UpReg and DownReg instructions within the scope of the balancing power market to the relevant market participants by the System Operator;

³⁸⁰ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

ç) All notifications to be made to the relevant market participants by the System Operator, any information to be published and announcements to be made, other than those mentioned above;

d) Any notifications to be made to the System Operator by the relevant market participants, other than those mentioned above.

(2) Instructions within the scope of the balancing power market shall be notified to the relevant participants via the MMS first. If deemed necessary, instructions communicated via the MMS may also be confirmed via telephone.

(3) Market participants shall be obliged to take the necessary measures to gain access to the MMS. However, in case the MMS is not functioning, notifications may be made via fax and telephone respectively. Notifications made via fax and telephone shall be transferred to the MMS by the System Operator.

Instruction memoranda

ARTICLE 78³⁸¹ - (1) Instructions sent by the System Operator to the relevant market participants within the scope of the balancing power market shall be recorded by mutual agreement of the parties in memoranda to be agreed on within four hours following the end of each hour.

(2) MMS records shall be taken as basis for instruction notifications made through the MMS for memoranda of instructions. If the relevant instruction notification is made using other communication means in accordance with the provisions of Article 77 of this Regulation, the records regarding the communication means used shall also be referred to. In case of a conflict between the System Operator and the relevant market participant, audio recordings in the recording system at the NLDC shall prevail.

(3) ³⁸² No changes can be made regarding the instructions and the System Marginal Price determined within the scope of the Balancing Power Market for the relevant hour, after the expiration of the period for mutual instruction memorandum being issued.

Information to be provided by the System Operator for settlement

ARTICLE 79³⁸³ - (1) The System Operator shall, for each settlement period within the said notification period, on the basis of each settlement supply/draw unit, which qualifies as a generation facility within the scope of balancing power market, shall notify the finalized day-ahead generation/consumption program, the UpReg and DownReg instructions submitted and agreed within the scope of the balancing power market, the label values of these instructions, the order prices and the system marginal prices calculated by the System Operator and the necessary information to be used in KÜPST, YGSMF and other accounts to the Market Operator.

PART SIX Provisions on Settlement

CHAPTER ONE Matters Regarding Losses

³⁸¹ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

³⁸² Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

³⁸³ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

Settlement electricity delivery point and settlement supply/draw value

ARTICLE 80 - (1)³⁸⁴ It shall be assumed in settlement calculations that the market participants purchase and/or sell electricity at a transmission line connection point where withdrawals or exports are made for the relevant settlement period. The purchase and sale point used in settlement calculations shall be referred to as the settlement electricity delivery point.

(2) The supply/draw values measured by registered meters shall be converted into settlement supply/draw values by applying the relevant loss coefficients within the framework of the main principles below, pursuant to the provisions of the relevant legislation:

a) If there is a step-down or step-up transformer between the meter and the nominal connection point that has been disregarded in the calculation of system losses; a transformer loss coefficient which decreases the measured supply volume or increases the measured withdrawal volume, in order to reflect the relevant transformer loss determined in accordance with the loss coefficient calculation methodology³⁸⁵ shall be implemented during the registration of such meters to be applied in the calculation of the settlement supply/draw volumes. In determining the transformers to which loss shall be applied in this context, the losses of these transformers must not be included within the network boundaries considered in the calculation of the applicable³⁸⁶ transmission line loss coefficient.

b) If there is a line between the meter and the nominal connection point that has been disregarded in the calculation of system losses, a line loss coefficient, which decreases the measured supply volume or increases the measured withdrawal volume in order to reflect the relevant line loss determined in accordance with the loss coefficient calculation methodology³⁸⁷ shall be implemented during the registration of such meters and applied in the calculation of the settlement supply/draw volumes. In determining the lines to which loss shall be applied in this context, the losses of these lines must not be included within the network boundaries considered in the calculation of the applicable³⁸⁸ transmission line loss coefficient.

c)³⁸⁹ In settlement calculations, the electricity supplied to the transmission line from the generation and/or import connection point to the transmission line shall be reduced by reflecting the transmission line loss for the relevant settlement period to the calculation of settlement volumes.

ç)^{390,391} Transmission line losses shall not be applied to supply volumes measured in the calculation of settlement supply volumes of generation facilities connected to the distribution system.

³⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³⁸⁵ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

³⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

³⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

³⁸⁸ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

³⁸⁹ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

³⁹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

³⁹¹ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

d)³⁹² Transmission line losses shall not be applied to electricity flow from medium voltage busbars used by the distribution company to the transmission line.

CHAPTER TWO

Reading, Collection, Verification and Correction of Supply/Draw Values

Reading, collection, verification and correction of settlement supply/draw values³⁹³

ARTICLE 81³⁹⁴ - (1) The values of meters included in settlement supply/draw unit configurations registered on behalf of market participants shall be read or determined by TEİAŞ or the distribution license holder legal entity within the framework of relevant legislation and be electronically transferred to the Market Management System within ten days following the end of the billing period.

(2) The electronic data transfer format to be used in data transfer to the Market Management System shall be announced to market participants by the Market Operator.

(3) The list of meters with values which must be declared within the scope of settlement shall be updated by the Market Operator on the MMS on a billing period basis, depending on new records and updates to existing records.

(4) The following values belonging to each settlement period of the relevant billing period of meters designated to be read on a settlement period basis pursuant to the relevant legislation shall be read:

- a) Active electricity withdrawn from the system in kWh;
- b) Active electricity energy conveyed to the system in kWh.

(5)³⁹⁵ The total consumption values shall be determined by the distribution license holder legal entity within the framework of the Total Consumption Estimation Determination Procedure to be published by the Authority for each of the categories that include consumption units procuring electricity from the assigned supply company within the scope of subparagraphs (a) and (b) of the second paragraph of Article 17. Said designation is to be made within ten days following the end of the billing period and notified to the relevant market participant and the Market Operator via the MMS or corporate e-mail.

(6) The meter values transferred to the MMS pursuant to this article, sent to the Market Operator electronically and transferred to the MMS shall be deemed as the reference for invoicing.

Procedures regarding electricity generation facilities with storage³⁹⁶

ARTICLE 81/A - (1) The volumes supplied to the system by electricity generation facilities with storage shall not be taken into account in the settlement calculations within the scope of the eighth paragraph of Article 27 of the Electricity Market Licensing Regulation published in the Official Gazette dated 2 November 2013 and numbered 28809.

³⁹² Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

³⁹³ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

³⁹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

³⁹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

³⁹⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

Verification and correction of supply/draw values

ARTICLE 82 - (1) The settlement supply/draw values shall be announced on the MMS in order to enable the parties to object to or correct them.

(2)³⁹⁷ In the event that a correction is made in written or electronic form by TEİAŞ or the distribution license holder legal entity, the corrected supply/draw values included in the correction report received from TEİAŞ or the distribution license holder shall be valid for the relevant billing period.

(3) If the market participant makes a request for correction, it must to apply to TEİAŞ or the distribution license holder legal entity and agree on a value, which must subsequently be electronically submitted to the Market Operator by TEİAŞ or the distribution license holder legal entity.

(4)³⁹⁸ The corrected values pertaining to the settlement supply/draw volume provided to the Market Operator after 17:30 on the 12th day following the end of the billing period shall not be considered in the settlement calculations for the relevant month, and the existing values in the MMS shall be accepted.

Failure to read meter values on a settlement period basis or failure to read meters at the end of each billing period ³⁹⁹

ARTICLE 83 - (1)⁴⁰⁰ If the meters within the scope of settlement cannot be read on a settlement period basis, the values on a settlement period basis shall be calculated by applying profiles to the meter values read. The procedures and principles regarding the application of profiles shall be prepared by the Authority and shall enter into force upon their approval by the Board.

(2)⁴⁰¹ Among the meters within the scope of settlement, those not required to be read at the end of each billing period and other matters referred to in the Regulation shall be designated in the Procedures and Principles Regarding the Scope of Automatic Meter Reading Systems and Designation of Meter Values. The Procedures and Principles Regarding the Scope of Automatic Meter Reading Systems and Designation of Meter Values shall be prepared by the Authority and shall enter into force upon their approval by the Board.

CHAPTER THREE

Calculation of Settlement Supply-Draw Volume and the Transmission Line Loss Coefficient

Calculation of settlement supply/draw volume

ARTICLE 84 - (1) The supply/draw volume of a settlement supply/draw unit shall be calculated in accordance with the formula below:

$$UEVM_{b,u} = ISVM_{b,u} \times (1 - ISKK_u)^g \quad (1a)$$

³⁹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

³⁹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

³⁹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴⁰⁰ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁴⁰¹ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

$$UE\dot{C}M_{b,u} = \dot{I}S\dot{C}M_{b,u} \quad (1b)$$

(2) The expressions used in the formula set out above shall have the following meanings:

$UEVM_{b,u}$ refers to the Settlement Supply Volume (MWh) of the settlement supply/draw unit “b”, for the settlement period “u”;

$\dot{I}SVM_{b,u}$ refers to the Transmission Line Supply Volume (MWh) of the settlement supply/draw unit “b”, for the settlement period “u”, calculated pursuant to Article 85;

$\dot{I}SKK_u$ refers to the Transmission Line Loss Coefficient for the settlement period “u”, calculated pursuant to Article 86;

$UE\dot{C}M_{b,u}$ refers to the Settlement Withdrawal Volume (MWh) of the settlement supply/draw unit “b”, for the settlement period “u”;

$\dot{I}S\dot{C}M_{b,u}$ refers to the Withdrawal From System Volume (MWh) of the settlement supply/draw unit “b”, for the settlement period “u”, calculated pursuant to Article 85;

g refers to the number which shall be 1 if the settlement supply/draw unit “b” is a generation facility connected to the transmission line, and 0 for all other circumstances.

Calculation of supply/draw volumes of settlement supply/draw units to and from the transmission line

ARTICLE 85^{402,403} - (1)⁴⁰⁴ The hourly supply/draw volume of a settlement supply/draw unit to and from the transmission line shall be calculated in accordance with the formula below:

$$\dot{I}SVM_{b,u} = \sum_{s=1}^x \left[SVD_{b,s,u} \times (1 - TTK_{b,s}) \times (1 - HKK_{b,s}) \times (-1)^k \right] \quad (2a)$$

$$\dot{I}S\dot{C}M_{b,u} = \sum_{s=1}^x \left[\frac{S\dot{C}D_{b,s,u}}{(1 - TTK_{b,s}) \times (1 - HKK_{b,s})} \times (-1)^k \right] \quad (2b)$$

(2) The expressions used in the formula set out above shall have the following meanings:

$\dot{I}SVM_{b,u}$ refers to the Transmission Line Supply Volume (MWh) of the settlement supply/draw unit “b”, for the settlement period “u”;

$SVD_{b,s,u}$ refers to the Transmission Line Supply Value (MWh) of the meter “s” in the definition of the settlement supply/draw unit “b” configuration, showing the measured supply value, for the settlement period “u”;

$TKK_{b,s}$ refers to the Transformer Loss Coefficient applied to the meter “s” in the definition of the settlement supply/draw unit “b” configuration;

$HKK_{b,s}$ refers to the Line Loss Coefficient applied to the meter “s” in the definition of the settlement supply/draw unit “b” configuration;

⁴⁰² Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

⁴⁰³ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁴⁰⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

x refers to the number of meters in the settlement supply/draw unit “b” configuration;

k refers to the coefficient with values of 0 or 1, applied to the meter “s” in the definition of the settlement supply/draw unit “b” configuration or to the categories;

$\dot{I}SCM_{b,u}$ refers to the Transmission Line Withdrawal Volume (MWh) of the settlement supply/draw unit “b”, for the settlement period “u”;

$\dot{I}SCD_{b,s,u}$ refers to the Withdrawal From System Volume (MWh) of the meter “s” in the definition of the settlement supply/draw unit “b” configuration, for the settlement period “u”, showing the total withdrawal value which is measured if the relevant meter is in the transmission line and calculated if it is a category consisting of the consumption units procuring energy from the assigned supply company⁴⁰⁵ within the scope of subparagraphs (a) and (b) of the second paragraph of Article 17, showing the net withdrawal value from the transmission line if the relevant meter is in the transmission line.

Calculation of the transmission line loss volume and coefficient ⁴⁰⁶

ARTICLE 86 - (1) The Transmission Line Loss volume for each settlement period shall be calculated in accordance with the formula below:

$$\dot{I}SKM_u = \sum_{s=1}^n \dot{I}SVM_{s,u} - \sum_{s=1}^n \dot{I}SCM_{s,u} \quad (3a)$$

(2) The Transmission Line Loss Coefficient for each settlement period shall be calculated in accordance with the formula below, until such time when TEİAŞ starts to purchase transmission line losses:

$$\dot{I}SKK_u = \frac{\sum_{s=1}^n \dot{I}SVM_{s,u} - \sum_{s=1}^n \dot{I}SCM_{s,u}}{\sum_{s=1}^n \dot{I}SVM_{s,u}} \quad (3b)$$

(3) The expressions used in the formula above shall have the following meanings:

$\dot{I}SKM_u$ refers to the Transmission Line Loss Volume calculated for the settlement period “u”;

$\dot{I}SKK_u$ refers to the Transmission Line Loss Coefficient calculated for the settlement period “u”;

$\dot{I}SVM_{s,u}$ refers to the Transmission Line Supply Volume (MWh) of the meter “s” in the transmission line configuration, for the settlement period “u”, calculated pursuant to Article 85;

$\dot{I}SCM_{s,u}$ refers to the Withdrawal From System Volume (MWh) of the meter “s” in the transmission line configuration, for the settlement period “u”, calculated pursuant to Article 85;

n refers to the number of meters in the transmission line configuration in the settlement period “u”.

(4) When TEİAŞ starts to purchase the transmission line losses, the Transmission Line Loss Coefficient shall be equal to zero in the calculations regarding settlement and

⁴⁰⁵ Amended pursuant to the Regulation published in the Official Gazette dated 15 July 2015 and numbered 29417.

⁴⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

the Transmission Line Loss Volume shall be accepted as the settlement withdrawal volume of TEİAŞ.

CHAPTER FOUR

Settlement Bilateral Agreement Notifications

Settlement bilateral agreement notification rules

ARTICLE 87 - (1) Settlement bilateral agreement notifications shall be jointly made by two license holder legal entities, both of which must be registered market participants with one being the buyer and the other the seller.

(2) The settlement bilateral agreement notification volume shall be the electricity volume that will be purchased or sold through regulated or unregulated bilateral agreements on a certain settlement period basis for the same bidding zone, as notified to the Market Operator by the market participants within the scope of settlement bilateral agreement notifications. The notification volumes of settlement bilateral agreements shall be based on the settlement electricity delivery points.

Settlement bilateral agreement notifications

ARTICLE 88 - (1) The settlement bilateral agreement notification regarding a settlement period on any day shall be notified to the Market Operator by the market participant via the MMS no later than 16:00 on the preceding day.

(2) The settlement bilateral agreement notification shall contain information on the following:

a) Market participant who is the buyer for the purposes of the settlement bilateral agreement notification;

b) Market participant who is the seller for the purposes of the settlement bilateral agreement notification;

c) For each settlement period, settlement bilateral agreement notification value (lot⁴⁰⁷);

ç) The bidding zone where the settlement bilateral agreement is applicable.

(3) The settlement bilateral agreement notifications must be jointly made by both market participants that are party to the notification. Settlement bilateral agreement notifications made by one market participant only shall not be deemed valid.

(4) Where the notification shall continue to be valid after the relevant day, its validity dates shall be specified.

(5)⁴⁰⁸

(6) The settlement bilateral agreement notifications made by market participants via the MMS shall be deemed as official values for invoicing purposes.

Amendment of settlement bilateral agreement notifications

ARTICLE 89 - (1) Settlement bilateral agreement notifications may be amended by one of the relevant market participants⁴⁰⁹ no later than 16:00 on the preceding day.

⁴⁰⁷ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁴⁰⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

(2)⁴¹⁰ Settlement bilateral agreement notifications pertaining to imports and exports may be updated in line with the separate amendment requests made by the System Operator and the relevant market participant to the Market Operator, which shall include the agreed bilateral agreement notifications.

Unrequited market transactions within the scope of bilateral agreement notifications

ARTICLE 89/A⁴¹¹ - (1) Bilateral agreement notifications that qualify as unrequited market transactions shall be revoked in accordance with the provisions of the Procedure for Unrequited Market Transactions.

CHAPTER FIVE

General Provisions Regarding Settlement Transactions

Billing period

ARTICLE 90 - (1) The billing period shall refer to the period starting at 00.00 on the first day of a calendar month and ending at 24.00 on the last day of the same month.

Settlement periods

ARTICLE 91 - (1) Each hour in a billing period shall constitute a settlement period.

CHAPTER SIX

Settlement of Day-Ahead Market Activities⁴¹²

Data requirements for the settlement of day-ahead market activities⁴¹³

ARTICLE 92 - (1)⁴¹⁴ The following shall be taken into consideration in the settlement of day-ahead market activities:

a) The orders of each market participant participating in the day-ahead market, within the scope of their day-ahead market activities, for each bidding zone, for each hour within a billing period, regarding the electricity sale to or electricity purchase from the system;

b) The electricity sale or electricity purchase volume of each market participant participating in the day-ahead market, within the scope of their day-ahead market activities, for each bidding zone, for each hour within a billing period;

c) The final market clearing prices calculated through the relevant module of the MMS for each bidding zone with regard to the orders of market participants in relation to electricity sales to or electricity purchases from the system within the scope of the day-ahead market, for each hour within a billing period.

(2) With respect to the first paragraph, the following shall apply:

a) data referred to in section (a) shall be provided by the market participants;

b) data referred to in sections (b) and (c) shall be provided by the Market Operator.

⁴¹⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁴¹¹ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁴¹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴¹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴¹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

Calculation of amount of market participant sales to system within the scope of the day-ahead market⁴¹⁵

ARTICLE 93⁴¹⁶ The receivable amount to be accrued for market participants during an advance payment period, on a bidding zone basis for system sales of market participants within the scope of the of the day-ahead market⁴¹⁷ shall be calculated according to the formula below:

$$SST_{t,p,s} = \sum_{u=1}^a \left(\sum_{r=1}^n (SSF_{t,p,s,u,r} \times SSM_{t,p,s,u,r}) \right) \quad (4a)$$

(2) The expressions used in the formula set out above shall have the following meanings:

$SST_{t,p,s}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its system sales during the advance payment period “s”, for the bidding zone “t”;

$SSF_{t,p,s,u,r}$ refers to the applicable system sale price (TRY/MWh) of the market participant “p”, under its offer “r” valid for settlement period “u” during the advance payment period “s”, calculated pursuant to Article 94;

$SSMt_{p,s,u,r}$ refers to the system sales volume (MWh) of the market participant “p”, for the bidding zone “t”, under its offer “r” valid for settlement period “u” during the advance payment period “s”, determined as a result of the day-ahead market⁴¹⁸;

n refers to the number of bids under which the market participant “p” has sold to the system for the bidding zone “t”, for the settlement period “u” during the advance payment period “s”;

a refers to the number of settlement periods in relation to the relevant advance payment period.

(3) The receivable amount for market participants during a billing period, on a bidding zone basis for sales of market participants to the system within the scope of the of the day-ahead market⁴¹⁹ shall be calculated according to the formula below:

$$SST_{t,p} = \sum_{s=1}^b SST_{t,p,s} \quad (4b)$$

(4) The expressions used in the formula set out above shall have the following meanings:

$SST_{t,p,s}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its system sales during the advance payment period “s”, for the bidding zone “t”;

$SST_{t,p}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its system sales during the relevant billing period, for the bidding zone “t”;

b refers to the number of advance payment periods in the relevant billing period.

⁴¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴¹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴¹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴¹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴¹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

Determination of the system sales prices

ARTICLE 94⁴²⁰ - (1)⁴²¹ For a billing period, the system sales prices for the actual system sales in relation to hourly orders submitted by each market participant on a settlement period basis for a bidding zone in the day-ahead market shall be designated according to the following formula:

$$SSF_{t,p,u,r} = NPTF_{t,u} \text{ (5a)}$$

(2)⁴²² The expressions used in the formula set out in the first paragraph shall have the following meanings:

$NPTF_{t,u}$ refers to the final market clearing price (TRY/MWh) for the bidding zone “t”, for the settlement period “u”;

$SSF_{t,p,u,r}$ refers to the System Sale Price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its hourly offer “r” valid for settlement period “u”.

(3)⁴²³ For a billing period, the system sale prices for the system sales in relation to block and flexible orders submitted by each market participant on a settlement period basis for a bidding zone⁴²⁴ in the day-ahead market⁴²⁵ shall be designated according to the following formula:

$$SSF_{p,t,r} = AOPTF_{p,t,r} + \ddot{U}FB_{p,t,r} \text{ (5b)}$$

(4)⁴²⁶ The expressions used in the formula set out in the third paragraph shall have the following meanings:

$SSF_{p,t,r}$ refers to the Hourly System Sale Price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its block or flexible offer “r”;

$AOPTF_{p,t,r}$ refers to the weighted average market clearing price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its block or flexible offer “r”, calculated pursuant to Procedures and Principles Regarding the Day-Ahead Market Structure and Evaluation of Orders;

$\ddot{U}FB_{p,t,r}$ refers to the unit price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its block or flexible offer “r”, calculated pursuant to Procedures and Principles Regarding the Day-Ahead Market Structure and Evaluation of Orders.

Calculation of the purchase amounts of market participants from the system within the scope of the day-ahead market⁴²⁷

ARTICLE 95⁴²⁸ The debt amount to be charged to market participants during an advance payment period for system purchases of market participants within the scope of the of the day-ahead market⁴²⁹, shall be calculated on a bidding zone basis, according to the formula below:

⁴²⁰ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁴²¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴²² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴²³ Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁴²⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴²⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁴²⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴²⁸ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$$SAT_{t,p,s} = \sum_{u=1}^a \left(\sum_{r=1}^n (SAF_{t,p,s,u,r} \times SAM_{t,p,s,u,r}) \right) \quad (6a)$$

(2)⁴³⁰ The expressions used in the formula set out in the first paragraph shall have the following meanings:

$SAT_{t,p,s}$ refers to the debt amount (TRY) to be charged to the market participant “p”, for its system purchases during the advance payment period “s”, for the bidding zone “t”;

$SAF_{t,p,s,u,r}$ refers to the applicable system purchase price (TRY/MWh) of the market participant “p”, under its offer “r” valid for the settlement period “u” during the advance payment period “s”, calculated pursuant to Article 96;

$SAM_{t,p,s,u,r}$ refers to the system purchase volume (MWh) of the market participant “p”, for the bidding zone “t”, under its offer “r” valid for the settlement period “u” during the advance payment period “s”, determined as a result of the day-ahead market⁴³¹;

n refers to the number of bids under which the market participant “p” has purchased energy from the system for the bidding zone “t”, for the settlement period “u” during the advance payment period “s”;

a refers to the number of settlement periods regarding the relevant advance payment period.

(3) The debt amount to be charged to market participants during a billing period for system purchases of market participants within the scope of the day-ahead market⁴³², shall be calculated on a bidding zone basis, according to the formula below:

$$SAT_{t,p} = \sum_{s=1}^b SAT_{t,p,s} \quad (6b)$$

(4) The expressions used in the formula above shall have the following meanings:

$SAT_{t,p}$ refers to the debt amount (TRY) to be charged to the market participant “p”, for its system purchases during the advance payment period “s”, for the bidding zone “t”;

$SAT_{t,p,s}$ refers to the debt amount (TRY) to be charged to the market participant “p”, for its system purchases during the relevant billing period, for the bidding zone “t”;

b refers to the number of advance payment periods regarding the relevant billing period.

Determination of system purchase prices

ARTICLE 96^{433,434} The system purchase prices for system purchases in relation to hourly orders submitted within the scope of the day-ahead market by each market participant for a bidding zone within a billing period shall be designated on a settlement period basis according to the following formula:

$$SAF_{t,p,u,r} = NPTF_{t,u} \quad (7a)$$

(2) The expressions used in the formula set out in the first paragraph shall have the following meanings:

⁴³⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴³¹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴³² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴³³ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁴³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$NPTF_{t,u}$ ⁴³⁵ refers to the final market clearing price (TRY/MWh) for the bidding zone “t”, for the settlement period “u”;

$SAF_{t,p,u,r}$ refers to the System Purchase Price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its hourly offer “r” valid for settlement period “u”.

(3)⁴³⁶ The system purchase prices for system purchases in relation to hourly orders submitted within the scope of the day-ahead market⁴³⁷ by each day-ahead market⁴³⁸ participant for a bidding zone within a billing period shall be designated on a settlement period basis according to the following formula:

$$SAF_{p,t,r} = AOPTF_{p,t,r} + TFB_{p,t,r} \quad (7b)$$

(4)⁴³⁹ The expressions used in the formula set out in the third paragraph shall have the following meanings:

$SAF_{t,p,r}$ refers to the Hourly System Purchase Price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its block or flexible offer “r”;

$AOPTF_{p,t,r}$ refers to the weighted average market clearing price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its block or flexible offer “r”, calculated pursuant to Procedures and Principles Regarding the Day-Ahead Market Structure and Evaluation of Orders;

$TFB_{p,t,r}$ refers to the unit price (TRY/MWh) of the market participant “p”, for the bidding zone “t”, under its block or flexible offer “r”, calculated pursuant to Procedures and Principles Regarding the Day-Ahead Market Structure and Evaluation of Orders.

Calculation of amounts in relation to positions held in the power futures market⁴⁴⁰

ARTICLE 97^{441,442} - (1) The receivable and/or debt amount to be accrued for the relevant market participant for positions held in the power futures market during a billing period shall be calculated according to the formulas below:

$$VEPST_{p,f} = \sum_{t=1}^z \sum_{i=1}^m \sum_{j=1}^n \sum_{u=1}^y (EF_{t,p,i,j,u} \times VEPSM_{t,p,i,j,u}) \quad (7c)$$

$$VEPAT_{p,f} = \sum_{t=1}^z \sum_{i=1}^m \sum_{j=1}^n \sum_{u=1}^y (EF_{t,p,i,j,u} \times VEPAM_{t,p,i,j,u}) \quad (7ç)$$

⁴³⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴³⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁴³⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴³⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴³⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁴⁴⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁴¹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴⁴² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

(2) The expressions used in the formulas set out in the first paragraph shall have the following meanings:

VEPST_{p,f} refers to the sales amount of the market participant “p”, calculated with reference to the contracts in which it holds a short position, during the billing period “f”;

VEPAT_{p,f} refers to the purchase amount of the market participant “p”, calculated with reference to the contracts in which it holds a long position, during the billing period “f”;

EFT_{p,i,j,u} refers to the match price (TL/MWh) for the settlement period “u”, in relation to position “j”, held by the market participant “p”, in contract “i”, for the bidding zone “t”;

VEPSM_{t,p,i,j,u} refers to the matching volume (MWh) for the settlement period “u”, in relation to position “j”, held by the market participant “p”, in contract “i” in which it holds a short position, for the bidding zone “t”;

VEPAM_{t,p,i,j,u} refers to the matching volume (MWh) for the settlement period “u”, in relation to position “j”, held by the market participant “p”, in contract “i” in which it holds a long position, for the bidding zone “t”;

m refers to the number of contracts included in the settlement calculations for the market participant “p”, within the billing period “f”;

n refers to the number of positions held in the contracts included in the settlement calculations for the market participant “p”, within the billing period “f”;

z refers to the number of bidding zones for the relevant billing period;

y refers to the number of settlement periods in relation to the billing period “f” within the delivery period of the contract “i”.

Calculation of amounts in relation to matches in the intraday market⁴⁴³

ARTICLE 98^{444,445} - (1) Commercial transaction approvals regarding electricity sales or electricity purchases within the intraday market shall be taken into consideration in the settlement of the intraday market.

(2) The debt amount to be accrued for the relevant market participant for an advance payment period in connection with system purchases within the scope of the intraday market shall be calculated on a bidding zone basis according to the following formula:

$$GIPAT_{t,p,s} = \sum_{u=1}^a \left(\sum_{r=1}^n (GIPAM_{t,p,s,u,r} \times EFT_{t,p,s,u,r}) \right) \quad (7d)$$

(3) The expressions used in the formula set out in the second paragraph shall have the following meanings:

GIPAT_{t,p,s} refers to the debt amount (TRY) to be accrued for the market participant “p”, for its intraday market purchases during the advance payment period “s”, for the bidding zone “t”;

EFT_{p,s,u,r} refers to the applicable buy side match price (TRY/MWh) of market participant “p”, for the bidding zone “t”, regarding the match “r” valid for the settlement period “u” during the advance payment period “s”, determined pursuant to Article 66/F;

⁴⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁴⁴ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$G\dot{I}PAM_{t,p,s,u,r}$ refers to the purchase volume (MWh) of market participant “p”, for the bidding zone “t”, regarding the match “r”, valid for settlement period “u”, during the advance payment period “s”, determined pursuant to Article 66/F;

n refers to the number of matches for system energy purchases made by the market participant “p”, for the bidding zone “t”, for the settlement period “u”, during the advance payment period “s”;

a refers to the number of settlement periods in relation to the relevant advance payment period.

(4) The debt amount to be charged to the relevant market participant for system purchases within the scope of the intraday market, shall be calculated for a billing period and on a bidding zone basis according to the following formula:

$$G\dot{I}PAT_{t,p} = \sum_{s=1}^b G\dot{I}PAT_{t,p,s} \quad (7e)$$

(5) The expressions used in the formula set out in the fourth paragraph shall have the following meanings:

$G\dot{I}PAT_{t,p}$ refers to the debt amount (TRY) to be charged to the market participant “p”, for its intraday market purchases during the relevant billing period, for the bidding zone “t”;

$G\dot{I}PAT_{t,p,s}$ refers to the debt amount (TRY) to be charged to the market participant “p”, for its intraday market purchases during the advance payment period “s”, for the bidding zone “t”;

b refers to the number of settlement periods in relation to the relevant advance payment period.

(6) The receivable amount to be accrued for the system sales of the relevant market participant for an advance payment period within the scope of the intraday market shall be calculated on a bidding zone basis, according to the following formula:

$$G\dot{I}PST_{t,p,s} = \sum_{u=1}^a \left(\sum_{r=1}^n (G\dot{I}PSM_{t,p,s,u,r} \times EF_{t,p,s,u,r}) \right) \quad (7f)$$

(7) The expressions used in the formula in the sixth paragraph shall have the following meanings:

$G\dot{I}PST_{t,p,s}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its intraday market sales during the advance payment period “s”, for the bidding zone “t”;

$EF_{t,p,s,u,r}$ refers to the applicable match price for the sale side (TRY/MWh), applicable to the market participant “p”, for the bidding zone “t”, regarding the match “r”, valid for the settlement period “u”, during the advance payment period “s”, determined pursuant to Article 66/F;

$G\dot{I}PSM_{t,p,s,u,r}$ refers to the sales volume (MWh) of the market participant “p”, for the bidding zone “t”, regarding the match “r”, valid for the settlement period “u”, during the advance payment period “s”, determined pursuant to Article 66/F;

n refers to the number of matches for system energy sales made by the market participant “p”, for the bidding zone “t”, for the settlement period “u”, during the advance payment period “s”;

a refers to the number of settlement periods in relation to the relevant advance payment period.

(8) Regarding the system sales of market participants within the scope of the intraday market, the receivable amount to be accrued for the relevant market participant for a billing period, on a bidding zone basis, shall be calculated according to the following formula:

$$G\dot{I}PST_{t,p} = \sum_{s=1}^b G\dot{I}PST_{t,p,s} \quad (7g)$$

(9) The expressions used in the formula set out in the eight paragraph shall have the following meanings:

$G\dot{I}PST_{t,p}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its intraday market sales during the relevant billing period, for the bidding zone “t”;

$G\dot{I}PST_{t,p,s}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its intraday market sales during the advance payment period “s”, for the bidding zone “t”;

b refers to the number of settlement periods in relation to the relevant billing period.

Calculation of the income arising out of day-ahead market activities

ARTICLE 99⁴⁴⁶ - (1) The revenue arising out of the price differences between bidding zones in relation to the day-ahead market activities, which shall be primarily utilized by TEİAŞ for making transmission investments in order to remedy transmission congestions causing the price differences, shall be calculated in accordance with the following formula:

$$G\ddot{O}PG_s = \sum_{t=1}^n \left(\sum_{p=1}^m SAT_{t,p,s} - \sum_{p=1}^m SST_{t,p,s} \right) \quad (8)$$

(2) The expressions used in the formula set out above shall have the following meanings:

$G\ddot{O}PG_s$ refers to the day-ahead market revenue (TRY) arising out of the pricing differences in relation to the day-ahead market activities during the advance payment period “s”, which shall be utilized solely for transmission investments by TEİAŞ;

$SAT_{t,p,s}$ refers to the debt amount (TRY) to be charged to the market participant “p”, for its system purchases during the advance payment period “s”, for the bidding zone “t”;

$SST_{t,p,s}$ refers to the receivable amount (TRY) to be accrued for the market participant “p”, for its system sales during the advance payment period “s”, for the bidding zone “t”;

n refers to the number of bidding zones in relation to the advance payment period; “s”,

m refers to the number of market participants in relation to the advance payment period “s”.

CHAPTER SEVEN

⁴⁴⁶ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

Settlement of Balancing Power Market Activities

Data requirements for the settlement of balancing power market activities

ARTICLE 100 - (1) The following shall be taken into consideration in the settlement of balancing power market activities:

a) The UpReg and DownReg orders of each balancing power market participant in connection with electricity sales to or from the system for each bidding zone, in each settlement period within a billing period, within the scope of the balancing power market activities;

b) The UpReg and DownReg volumes of each balancing power market participant accepted pursuant to the orders of the System Operator for each bidding zone, in relation to each settlement period within a billing period, within the scope of the balancing power market activities;

c) System marginal prices calculated for each bidding zone by the System Operator in line with the UpReg and DownReg orders of the balancing power market participants for each settlement period within a billing period, within the scope of the balancing power market activities.

(2) With respect to the first paragraph, the following shall apply:

a) data referred to in section (a) shall be provided by the market participants;

b) data referred to in sections (b) and (c) shall be provided by the Market Operator.

Determination of the system direction on settlement period basis

ARTICLE 101⁴⁴⁷ - (1) The system direction and the Net Order Volume for a price area shall be determined on a settlement period basis according to the following formulas:

If the following applies to the relevant settlement period, an energy shortage has occurred in the relevant price area for this settlement period:

$$\sum_{d=1}^k \sum_{r=1}^m YALM_{d,u,r} > \sum_{d=1}^k \sum_{r=1}^n YATM_{d,u,r}$$

If the following applies to the relevant settlement period, an energy surplus has occurred in the relevant price area for this settlement period:

$$\sum_{d=1}^k \sum_{r=1}^m YALM_{d,u,r} < \sum_{d=1}^k \sum_{r=1}^n YATM_{d,u,r}$$

If the following applies to the relevant settlement period, the system is balanced in the relevant price area for this settlement period:

$$\sum_{d=1}^k \sum_{r=1}^m YALM_{d,u,r} = \sum_{d=1}^k \sum_{r=1}^n YATM_{d,u,r}$$

$$NTH_u = \left| \sum_{d=1}^k \sum_{r=1}^m YALM_{d,u,r} - \sum_{d=1}^k \sum_{r=1}^n YATM_{d,u,r} \right|$$

(2) The expressions used in these formulas shall have the following meanings:

⁴⁴⁷ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

$YALM_{d,u,r}$ refers to the Accepted UpReg Bid Value (MWh) of the order “r”, by the balancing unit “d”, valid for the settlement period “u”, in the relevant price area with label values of 0, 1 or 2, within the scope of the balancing power market;

$YATM_{d,u,r}$ refers to the Accepted DownReg Bid Value (MWh) of the order “r”, by the balancing unit “d”, valid for the settlement period “u”, in the relevant price area with label values of 0, 1 or 2, within the scope of the balancing power market;

NTH refers to the Net Order Volume (MWh) for the relevant price area;

k refers to the number of balancing units with accepted orders in the relevant price area with label values of 0, 1 or 2, for the settlement period “u”;

m refers to the number of accepted UpReg orders in the relevant price area with label values of 0, 1 or 2, for the settlement period “u”, pertaining to the balancing unit “d”;

n refers to the number of accepted DownReg orders in the relevant price area with label values of 0, 1 or 2, for the settlement period “u”, pertaining to the balancing unit “d”.

Calculation of the accepted UpReg bid values in the balancing power market

ARTICLE 102 - (1) The receivable amount to be accrued for the relevant market participant for a billing period in relation to the UpReg orders given to each balancing unit within the scope of the balancing power market shall be calculated in accordance with the following formula:

$$KEYALT_d = \sum_{u=1}^m \left(\sum_{r=1}^n (KEYALM_{d,u,r} \times YALF_{d,u,r}) \right) - YGYALT_d \quad (10)^{448}$$

(2) The expressions used in the formula above shall have the following meanings:

$KEYALT_d$ refers to the receivable amount (TRY) to be accrued for the relevant market participant, for the accepted UpReg orders of the balancing unit “d”, in all settlement periods within the relevant billing period, within the scope of the balancing power market;

$KEYALM_{d,u,r}$ refers to the Accepted and Fulfilled UpReg Bid Value (TRY) of order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market, calculated pursuant to Article 104;

$YALF_{d,u,r}$ refers to the UpReg Price (TRY/MWh) of the order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market, calculated pursuant to Article 103;

$YGYALT_d^{449}$ refers to the debt amount (TRY), named the Unfulfilled UpReg Bid Value, to be charged to the relevant market participant in relation to the accepted but not fulfilled UpReg orders of the balancing unit “d”, in all settlement periods within the relevant billing period, within the scope of the balancing power market, calculated pursuant to Article 102/A;

n refers to the number of accepted UpReg orders for the settlement period “u”, pertaining to the balancing unit “d”, within the scope of the balancing power market;

m refers to the number of bidding zones in relation to the relevant billing period.

⁴⁴⁸ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁴⁴⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

Calculation of amounts to be reflected to the relevant participant in relation to unfulfilled UpReg orders within the scope of the balancing power market⁴⁵⁰

ARTICLE 102/A - (1) For each settlement period in which an energy deficit in the system occurs within the scope of the balancing power market, YGSMF shall be designated, which is the system marginal price in line with the accepted and fulfilled bid volume.

(2) If there is a difference between the YGSMF and the System Marginal Price designated with regard to all orders submitted within the scope of the balancing power market, the cost of the non-fulfilled UpReg orders shall be calculated through multiplying this difference with the volume of fulfilled UpReg orders.

(3) The ratio of the volume of UpReg orders not fulfilled by each market participant for each settlement period within the scope of the balancing power market to the total volume of unfulfilled UpReg orders in the relevant settlement period shall be determined.

(4) The cost calculated under the second paragraph of this article shall be reflected to the relevant participants in line with the rate determined under the third paragraph as the Unfulfilled UpReg Order Value.

Designation of the UpReg prices to be applied to accepted UpReg orders within the balancing power market

ARTICLE 103 - (1) The applicable UpReg prices in relation to the UpReg orders issued to each balancing unit within the scope of the balancing power market for each settlement period shall be calculated in accordance with the following formula for a billing period:

(2) If an energy shortage exists within the price area where the relevant balancing unit is located;

If $YALTF_{d,u,r} \leq SMF_{d,u,t}$, then $YALF_{d,u,r} = SMF_{d,u,t}$ (11a)

If $YALTF_{d,u,r} > SMF_{d,u,t}$, then $YALF_{d,u,r} = YALTF_{d,u,r}$ (11b)

(3) If the price area where the relevant balancing unit is located is balanced and/or an energy surplus exists in this price area,

$YALF_{d,u,r} = YALTF_{d,u,r}$ (11c)

(4) The expressions used in these formulas shall have the following meanings:

$YALTF_{d,u,r}$ refers to the UpReg Bid price (TRY/MWh) of the order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

$SMF_{d,u,t}$ refers to the System Marginal Price (TRY/MWh) for the bidding zone “t”, in which the balancing unit “d” is located, during the settlement period “u”, within the scope of the balancing power market, calculated pursuant to Article 109;

$YALF_{d,u,r}$ refers to the applicable UpReg Price (TRY/MWh) of the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market.

Designation of accepted UpReg bid volumes for accepted UpReg orders within the balancing power market

⁴⁵⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

ARTICLE 104 - (1) The applicable UpReg bid volumes in relation to the UpReg orders issued to each balancing unit within the scope of the balancing power market for each settlement period shall be calculated in accordance with the following formula, for a billing period:

$$KEYALM_{d,u,r} = YALTM_{d,u,r} \times (1 - \dot{ISKK}_u)^g \times (t_2 - t_1) / 60 \quad (12)$$

(2) The expressions used in the formula above shall have the following meanings:

$KEYALM_{d,u,r}$ refers to the Accepted and Fulfilled Increase Load Bid Volume (MWh) of the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

$YALTM_{d,u,r}$ ⁴⁵¹ refers to the UpReg Order Volume (MW) issued by the System Operator and fulfilled pursuant to Article 78 in relation to the order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

\dot{ISKK}_u refers to the Transmission Line Loss Coefficient, for the settlement period “u”, calculated pursuant to Article 86;

t_1 refers to the starting time in hours and minutes of the UpReg Order given by the System Operator, in relation to the order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

t_2 refers to the ending time in hours and minutes of the UpReg Order given by the System Operator, in relation to the order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

g refers to the value equaling 1 if the balancing unit within the scope of the balancing power market is a generation facility connected to the transmission line, and equaling 0 in all other circumstances.

Calculation of amounts regarding accepted DownReg orders in the balancing power market

ARTICLE 105 - (1) The debt amount to be charged to the relevant market participant for a billing period in relation to DownReg orders given to each balancing unit within the scope of the balancing power market shall be calculated in accordance with the following formula:

$$KEYATT_d = \sum_{u=1}^m \left(\sum_{r=1}^n (KEYATM_{d,u,r} \times YATF_{d,u,r}) \right) + YGYATT_d \quad (13)^{452}$$

(2) The expressions used in the formula above shall have the following meanings:

$KEYATT_d$ refers to the debt amount (TRY) to be charged to the relevant market participant, for the accepted DownReg bids of the balancing unit “d”, in all settlement periods within the relevant billing period, within the scope of the balancing power market;

⁴⁵¹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁴⁵² Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

$KEYATM_{d,u,r}$ refers to the Accepted and Fulfilled DownReg Bid Value (TRY) of the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market, calculated pursuant to Article 107;

$YATF_{d,u,r}$ refers to the DownReg Price (TRY/MWh) of the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market, calculated pursuant to Article 106;

$YGYATT_d^{453}$ refers to the debt amount (TRY), named the Non-Fulfilled DownReg Order Value, to be charged to the relevant market participant in relation to the accepted but not fulfilled DownReg bids of the balancing unit “d”, in all settlement periods within the relevant billing period, within the scope of the balancing power market, calculated pursuant to Article 105/A;

n refers to the number of accepted DownReg bids for the settlement period “u”, pertaining to the balancing unit “d”, within the scope of the balancing power market;

m refers to the number of bidding zones in relation to the relevant billing period.

Calculation of amounts to be reflected to the relevant participant in relation to unfulfilled DownReg orders within the balancing power market⁴⁵⁴

ARTICLE 105/A - (1) For each settlement period in which an energy surplus in the system occurs within the scope of the balancing power market, YGSMF shall be designated, which is the system marginal price in line with the accepted and fulfilled bid volume.

(2) If there is a difference between the YGSMF and the System Marginal Price designated with regard to all orders issued within the scope of the balancing power market, the cost of the non-fulfilled DownReg orders shall be calculated through multiplying this difference with the volume of fulfilled DownReg orders.

(3) The ratio of the volume of DownReg orders not fulfilled by each market participant for each settlement period within the scope of the balancing power market to the total volume of non-fulfilled DownReg orders in the relevant settlement period shall be calculated.

(4) The cost calculated within the scope of the second paragraph of this Article shall be reflected to the relevant participants in line with the rate determined pursuant to the third paragraph, as the Non-Fulfilled DownReg Order Value.

Designation of DownReg prices for accepted DownReg bids within the balancing power market

ARTICLE 106 - (1) The applicable DownReg prices in relation to DownReg orders issued to each balancing unit within the scope of the balancing power market for each settlement period shall be calculated for a billing period in accordance with the following formula:

(2) If an energy surplus exists within the price area where the relevant balancing unit is located;

If $YATTF_{d,u,r} \geq SMF_{d,u,t}$, then $YATF_{d,u,r} = SMF_{d,u,t}$ (14a)

If $YATTF_{d,u,r} < SMF_{d,u,t}$, then $YATF_{d,u,r} = YATTF_{d,u,r}$ (14b)

⁴⁵³ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁴⁵⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

(3) If the price area where the relevant balancing unit is located is balanced and/or an energy shortage exists in this price area;

$$YATF_{d,u,r} = YATTF_{d,u,r} \text{ (14c)}$$

(4) The expressions used in the formulas above shall have the following meanings:

$YATTF_{d,u,r}$ refers to the DownReg Bid Price (TRY/MWh) of the order “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

$SMF_{d,u,t}$ refers to the System Marginal Price (TRY/MWh) for bidding zone “t”, in which balancing unit “d” is located, during the settlement period “u”, within the scope of the balancing power market, calculated pursuant to Article 109;

$YATF_{d,u,r}$ refers to the applicable DownReg Price (TRY/MWh) of the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market.

Designation of accepted DownReg order volume for accepted DownReg orders within the balancing power market

ARTICLE 107 - (1) The applicable DownReg order volume in relation to the DownReg orders issued to each balancing unit within the scope of the balancing power market for each settlement period, shall be calculated for a billing period in accordance with the following formula:

$$KEYATM_{d,u,r} = YATTM_{d,u,r} \times (1 - ISKK_u)^g \times (t_2 - t_1) / 60 \quad (15)$$

(2) The expressions used in the formula above shall have the following meanings:

$KEYATM_{d,u,r}$ refers to the Accepted and Fulfilled DownReg Bid Volume (MWh) of the offer “r” by the balancing unit “d”, valid for the settlement period “u” within the scope of the balancing power market;

$YATTM_{d,u,r}$ ⁴⁵⁵ refers to the DownReg Order Volume (MW) given by the System Operator and fulfilled pursuant to Article 78 in relation to the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

$ISKK_u$ refers to the Transmission Line Loss Coefficient, for the settlement period “u”, calculated pursuant to Article 86;

t_1 refers to the starting time in hours and minutes of the DownReg Order given by the System Operator, in relation to the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

t_2 refers to the ending time in hours and minutes of the DownReg Order given by the System Operator, in relation to the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, within the scope of the balancing power market;

g refers to the value equaling 1 if the balancing unit within the scope of the balancing power market is a generation facility connected to the transmission line, and equaling 0 in all other circumstances.

CHAPTER EIGHT

Settlement of Energy Imbalances

⁴⁵⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

Data requirements for the settlement of energy imbalances

ARTICLE 108⁴⁵⁶ - (1) The following shall be taken into consideration in the settlement of energy imbalances:

a) UpReg and DownReg volumes of each balancing power market participant accepted pursuant to the orders of the System Operator for each bidding zone, in relation to each settlement period within a billing period, within the scope of the balancing power market activities, and the applicable prices for these accepted orders;

b) Settlement supply and/or withdrawal volumes of each settlement supply/draw unit in relation to each settlement period within a billing period;

c) Total consumption values of the categories formed pursuant to sections (a) and (b) of the second paragraph of Article 17, designated within the framework of the Total Consumption Estimation Determination Procedure;

ç) Bilateral agreement notification volumes of each balancing responsible party pertaining to each settlement period within a billing period;

d) The generation volume of each ancillary service provider settlement supply/draw unit for each settlement period within a billing period, performed as a requisite of the ancillary services, the electricity costs of which are covered by the ancillary services;

e)⁴⁵⁷ System sale or system purchase volumes of each market participant as a result of the day-ahead market;

f)⁴⁵⁸ Final market clearing prices;

g)⁴⁵⁹ Sale or purchase volumes of each market participant as a result of the intraday market;

ğ)⁴⁶⁰ Sale or purchase volumes of each market participant as a result of the power futures market.

(2) With respect to the first paragraph, the following shall apply:

a) data referred to in section (a) shall be provided by the System Operator;

b) meter reading values necessary to enable the calculation of the data referred to in section (b) shall be provided by TEİAŞ and/or the relevant distribution license holder legal entity;

c) data referred to in section (ç) shall be provided by the balancing responsible parties;

ç) data referred to in section (c) shall be provided by the relevant distribution company;

d) data referred to in section (d) shall be provided by the TEİAŞ department responsible for performance of the ancillary service agreements;

e) ⁴⁶¹ ⁴⁶² data referred to in sections (e), (f), (g) and (ğ) shall be provided by the Market Operator.

Calculation of the system marginal price

⁴⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁴⁵⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁵⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁵⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁶⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁶¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁶² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

ARTICLE 109⁴⁶³ - (1) The System Marginal Price ($SMF_{t,u}$) determined on a settlement period basis for each bidding zone shall be calculated depending on the electricity balance of the bidding zone, in the following manner:

a) When an electricity shortage occurs in the bidding zone "t" at the hour in question, the System Marginal Price shall be equal to the highest bid price corresponding to the Net Order Volume, which shall be calculated starting from the lowest bid price, in accordance with Article 101;

b) When an electricity surplus occurs in the bidding zone "t" at the hour in question, the System Marginal Price shall be equal to the lowest bid price corresponding to the Net Order Volume, which shall be calculated starting from the highest bid price, in accordance with Article 101;

c) When the system is balanced at the hour in question, the System Marginal Price shall be equal to the final clearing price⁴⁶⁴ for the bidding zone "t" and the settlement period "u".

(2) An order shall not be required for the relevant bid price to be considered in the determination of the System Marginal Price.

Calculation of electricity imbalance and deviation⁴⁶⁵ from the final daily generation/consumption program

ARTICLE 110^{466, 467, 468} - (1) The debt or receivable amount to be accrued for the balancing responsible party for a billing period in relation to electricity imbalance in each settlement period shall be calculated in accordance with the formula below:

$$EDT_f = \sum_{t=1}^m \sum_{u=1}^n \left[\left(EDM_{f,t,u}(-) \times \max(NPTF_{t,u}, SMF_{t,u}) \times (1 + k) \right) + \left(EDM_{f,t,u}(+) \times \min(NPTF_{t,u}, SMF_{t,u}) \times (1 - l) \right) \right]$$

(17)

(2) The expressions used in the formula set out in the first paragraph shall have the following meanings:

EDT_f refers to the energy imbalance amount (TRY) of the balancing responsible party "f", for a billing period;

$EDM_{f,t,u}(-)$ refers to the system energy purchase volume (MWh) of the balancing responsible party "f", to remedy the electricity imbalance in the bidding zone "t", in relation to the settlement period "u", calculated pursuant to Article 111;

$EDM_{f,t,u}(+)$ refers to the system energy sale volume (MWh) of the balancing responsible party "f", to remedy the electricity imbalance in the bidding zone "t", in relation to the settlement period "u", calculated pursuant to Article 111;

⁴⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁴⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁴⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁴⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁴⁶⁷ Amended pursuant to the Regulation published in the Official Gazette dated 5 January 2013 and numbered 28519.

⁴⁶⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$NPTF_{t,u}$ refers to the final market clearing price (TRY/MWh) for the bidding zone “t” and the settlement period “u”;

$SMF_{t,u}$ refers to the System Marginal Price (TRY/MWh) for the bidding zone “t” calculated for the settlement period “u”, pursuant to Article 109;

m refers to the number of bidding zones determined for the relevant billing period;

n refers to the number of settlement periods within a billing period;

k refers to the coefficient determined by the Board as a value between “0” and “1”, which shall be used if there is a negative energy imbalance among the participants, provided that it is announced at least three months in advance;

l refers to the coefficient determined by the Board as a value between “0” and “1”, which shall be used if there is a positive energy imbalance among the participants, provided that it is announced at least three months in advance.

(3) The deviation amount of a settlement supply/draw unit, which is required to announce KGÜP values and is registered in the name of a market participant, from its final daily generation/consumption program for a settlement period shall be calculated in accordance with the following formula:

$$KÜPST_p = \sum_{t=1}^j \sum_{b=1}^z \sum_{u=1}^a (KÜPSM_{p,t,b,u} \times \max(NPTF_{t,u}, SMF_{t,u}) \times n) \quad (17a)$$

(4) The expressions used in the formula set out in the third paragraph shall have the following meanings:

$KÜPST_p$ refers to the amount payable (TRY) by the market participant “p”, due to its deviation from the anticipated settlement generation/consumption volume;

$KÜPSM_{p,t,b,u}$ refers to the anticipated settlement generation/consumption deviation volume (MWh) of the settlement supply/draw units registered in the name of the market participant “p”, in the bidding zone “b”, for the settlement period “u”, determined pursuant to the calculation procedure designated by Board decision;

$NPTF_{t,u}$ refers to the final market clearing price (TRY/MWh) for the bidding zone “t” and the settlement period “u”;

$SMF_{t,u}$ refers to the System Marginal Price (TRY/MWh) for the bidding zone “t”, calculated for the settlement period “u”, pursuant to Article 109;

n refers to the coefficient determined by Board decision, which shall be used in the calculation of the deviation amount from the generation plan;

a refers to the number of settlement periods within a billing period;

z refers to the number of settlement supply/draw units registered in the name of the market participant “p”;

j refers to the number of bidding zones in relation to the relevant billing period.

(5)⁴⁶⁹ The Board may apply different methodologies or coefficients to resource-based electricity generation facilities and electricity generation facilities with storage in the calculation of energy imbalance and deviation from the final daily generation/consumption program within the scope of this Article.

Calculation of the electricity imbalance volume of a balancing responsible party in a settlement period

⁴⁶⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

ARTICLE 111^{470 471} – (1) For each billing period, the electricity imbalance volume of a balancing responsible party in each settlement period shall be calculated in accordance with the formula below:

$$EDM_{f,t,u} = \sum_{b=1}^k (UEVM_{f,t,b,u} - UE\dot{C}M_{f,t,b,u}) + UE\dot{I}AM_{f,t,u} + G\dot{I}PM_{f,t,u} + VEPM_{f,t,u} \\ + \left(\sum_{p=1}^l \sum_{r=1}^m SAM_{t,p,u,r} - \sum_{p=1}^l \sum_{r=1}^n SSM_{t,p,u,r} \right) \\ + \left(\sum_{d=1}^h \sum_{r=1}^{t2} KEYATM_{f,d,u,r} - \sum_{d=1}^h \sum_{r=1}^{t1} KEYALM_{f,d,u,r} \right)$$

(18)

(2) The expressions used in the formula set out in the first paragraph shall have the following meanings:

$EDM_{f,t,u}$ refers to the energy imbalance volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

$UEVM_{f,t,b,u}$ refers to the Settlement Supply Volume (MWh) of the settlement supply/draw unit “b”, located in the bidding zone “t”, under the balancing responsibility of the balancing responsible party “f”, for the settlement period “u”, calculated pursuant to Article 84,

$UE\dot{C}M_{f,t,b,u}$ refers to the Settlement Withdrawal Volume (MWh) of the settlement supply/draw unit “b”, located in the bidding zone “t”, under the balance responsibility of the balancing responsible party “f”, for the settlement period “u”, calculated pursuant to Article 84;

$UE\dot{I}AM_{f,t,u}$ refers to the Settlement Bilateral Agreement Volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, calculated pursuant to Article 112;

$G\dot{I}PM_{f,t,u}$ refers to the Intraday Market Volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, calculated pursuant to Article 112/A;

$VEPM_{f,t,u}$ refers to the total Power Futures Market Volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, calculated pursuant to Article 112/B;

$SSM_{t,p,u,r}$ refers to the System Sales Volume (MWh) of the market participant “p”, for the bidding zone “t”, under its offer “r”, valid for the settlement period “u”, designated as a result of the day-ahead market;

⁴⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁷¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$SAM_{t,p,u,r}$ refers to the System Purchase Volume (MWh) of the market participant “p”, for the bidding zone “t”, under its offer “r”, valid for the settlement period “u”, designated within the scope of the day-ahead market;

k refers to the number of settlement supply/draw units for the bidding zone “t”, under the balancing responsibility of the balancing responsible party “f”, valid for the settlement period “u”;

l refers to the number of market participants registered under the name of the balancing responsible party “f”;

n refers to the number of bids under which the market participant “p” has sold to the system for the bidding zone “t”, for the settlement period “u”;

m refers to the number of bids under which the market participant “p” has purchased from the system for the bidding zone “t”, for the settlement period “u”;

$KEYALM_{f,d,u,r}$ refers to the Accepted and Fulfilled UpReg Bid (MWh) of the balancing unit “d” within the balancing power market, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, under its offer “r”, valid for settlement period “u”;

h refers to the number of balancing units for the bidding zone “t”, under the balancing responsibility of the balancing responsible party “f”, valid for the settlement period “u”;

t1 refers to the number of accepted UpReg bids for the settlement period “u”, pertaining to the balancing unit “d” in the balancing power market;

$KEYATM_{f,d,u,r}$ refers to the Accepted and Fulfilled DownReg Bid (MWh) of the balancing unit “d”, within the balancing power market, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, under its offer “r”, valid for the settlement period “u”;

t2 refers to the number of accepted DownReg bids for the settlement period “u”, pertaining to the balancing unit “d”, under the balancing power market.

Calculation of the settlement bilateral agreement values

ARTICLE 112 - (1) The value of the settlement bilateral agreements of a balancing responsible party for the settlement period “u” shall be calculated in accordance with the formula below:

$$UEIAM_{f,u,t} = \sum_{p=1}^k UEIAM_{p,u,t} \quad (19a)$$

$$UEIAM_{p,u,t} = \sum_{z2=1}^m UEIAB_{p,u,t,z2} - \sum_{z1=1}^n UEIAB_{p,u,t,z1} \quad (19b)$$

(2) The expressions used in the formula set out above shall have the following meanings:

$UEIAM_{f,u,t}$ refers to the Settlement Bilateral Agreement Volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

$UEIAM_{p,u,t}$ refers to the Settlement Bilateral Agreement Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

$UE\dot{I}AB_{p,u,t,z1}$ refers to the Settlement Bilateral Agreement Notification (MWh) made in relation to the electricity generated by the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, for the purposes of selling energy to the market participant “z1” and/or due to ancillary services, the electricity costs of which are covered by the ancillary services;

$UE\dot{I}AB_{p,u,t,z2}$ refers to the Settlement Bilateral Agreement Notification (MWh) in relation to the electricity purchases made by the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, from the market participant “z2”;

k refers to the number of market participants under the balancing responsibility of the balancing responsible party “f”;

n refers to the number of balancing responsible parties to which the market participant “p” has sold electricity in relation to the bidding zone “t”, for the settlement period “u”;

m refers to the number of balancing responsible parties from which the market participant “p” has purchased electricity in relation to the bidding zone “t”, for the settlement period “u”.

Calculation of the settlement intraday market volume

ARTICLE 112/A - (1) The intraday market volume of a balancing responsible party for the settlement period “u” shall be calculated in accordance with the following formula:

$$G\dot{I}PM_{f,u,t} = \sum_{p=1}^k G\dot{I}PM_{p,u,t} \quad (20a)$$

$$G\dot{I}PM_{p,u,t} = \sum_{z2=1}^m G\dot{I}PAM_{p,u,t,z2} - \sum_{z1=1}^n G\dot{I}PSM_{p,u,t,z1} \quad (20b)$$

(2) The expressions used in the formula set out above shall have the following meanings:

$G\dot{I}PM_{f,u,t}$ refers to the Intraday Market Volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

$G\dot{I}PM_{p,u,t}$ refers to the Intraday Market Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

$G\dot{I}PSM_{p,u,t,z1}$ refers to the Intraday Market Sales Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, to the market participant “z1”;

$G\dot{I}PAM_{p,u,t,z2}$ refers to the Intraday Market Purchase Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, from the market participant “z2”;

k refers to the number of market participants under the balancing responsibility of the balancing responsible party “f”;

n refers to the number of parties to which the market participant “p” has sold electricity in relation to the bidding zone “t”, for the settlement period “u”;

m refers to the number of parties from which the market participant “p” has purchased electricity in relation to the bidding zone “t”, for the settlement period “u”.

Calculation of the settlement of power futures market volume⁴⁷²

ARTICLE 112/B⁴⁷³ - (1) The power futures market volume of a balancing responsible party for the settlement period “u” shall be calculated in accordance with the following formula:

$$VEPM_{f,u,t} = \sum_{p=1}^k VEPM_{p,u,t}$$

(20c)

$$VEPM_{p,u,t} = \sum_{z2=1}^m VEPAM_{p,u,t,z2} - \sum_{z1=1}^n VEPSM_{p,u,t,z1}$$

(20ç)

(2) The expressions used in the formula set out in the first paragraph shall have the following meanings:

VEPM_{f,u,t} refers to the Total Power Futures Market Volume (MWh) of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

VEPM_{p,u,t} refers to the Total Power Futures Market Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”;

VEPAM_{p,u,t,z2} refers to the Total Power Futures Market Purchase Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, from the market participant “z2”;

VEPSM_{p,u,t,z1} refers to the Total Power Futures Market Sales Volume (MWh) of the market participant “p”, under the balancing responsibility of the balancing responsible party “f”, for the bidding zone “t”, for the settlement period “u”, to the market participant “z1”;

k refers to the number of market participants under the balancing responsibility of the balancing responsible party “f”;

n refers to the number of market participants to which the market participant “p” has sold electricity in relation to the bidding zone “t”, for the settlement period “u”;

m refers to the number of market participants from which the market participant “p” has purchased electricity in relation to the bidding zone “t”, for the settlement period “u”.

⁴⁷² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁷³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

CHAPTER NINE

Distribution of Net Total Balance and the Market Operation Fee

Distribution of net total balance to market participants

ARTICLE 113⁴⁷⁴ - (1)⁴⁷⁵ Based on the principle that the Market Operator must not incur any profit or loss through the transactions made on behalf of the wholesale electricity market; total amount of the receivables to be accrued to the market participants and the Zero Balance Adjustment Amount collected from TEİAŞ within a billing period in relation to the settlement of the balancing mechanism, and the settlement of imbalances between the balancing responsible parties must be equal to the total debt amount, save for the electricity purchases and sales made by market participants within the scope of the day-ahead market and receivables not paid on time.

(2)⁴⁷⁶ In this regard, the following shall apply:

a) If the total amount of receivables to accrue in favor of market participants and balancing responsible parties in relation to UpReg orders and the electricity surplus within the scope of the balancing power market is more than the total debt amount accrued regarding the DownReg orders and the energy shortage within the scope of the balancing power market, then the balance shall accrue as debt on account of TEİAŞ.

b)⁴⁷⁷ If the total amount of debt to accrue on account of market participants and balancing responsible parties in relation to the DownReg orders and the energy shortage within the scope of the balancing power market is more than the total receivable amount accrued regarding the UpReg orders and the electricity surplus within the scope of the balancing power market, then the balance shall accrue as receivable in favor of TEİAŞ.

The zero balance adjustment amount shall be calculated in accordance with the formula below:

$$SBDT = \sum_{d=1}^m (KEYATT_d - KEYALT_d) - \sum_{f=1}^n EDT_f + \sum_{p=1}^l KÜPST_p$$

(21)

(3) The expressions used in the formula set out in the second paragraph shall have the following meanings:

SBDT refers to the Zero Balance Adjustment Amount (TRY) for a billing period;

KEYALT_d refers to the receivable amount (TRY) to accrue for the relevant market participant in relation to the UpReg bids coded 0 or 1 of the balancing unit “d”, within the scope of the balancing power market, accepted in all settlement periods of the relevant billing period, calculated pursuant to the formula set out in Article 102 solely with regard to the UpReg bids coded 0 and 1;

KEYATT_d refers to the debt amount (TRY) to be charged to the relevant market participant in relation to the DownReg bids coded 0 or 1 of the balancing unit “d”, within

⁴⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁷⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁷⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁷⁷ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

the scope of the balancing power market, accepted in all settlement periods of the relevant billing period, calculated pursuant to the formula set out in Article 105, solely with regard to the DownReg bids coded 0 and 1;

EDT_f refers to the electricity imbalance amount (TRY) of the balancing responsible party “f”, for a billing period, calculated pursuant to Article 110;

KÜPST_p refers to the applicable amount (TRY) in relation to the deviation by the balancing responsible party “f” from its anticipated generation/consumption volume, for a billing period, calculated pursuant to Article 110;

m refers to the total number of balancing units for a billing period under the day-ahead market;

n refers to the number of balancing responsible parties for a billing period;

l refers to the number of market participants in a billing period.

Calculation of the zero balance adjustment amount in a billing period

ARTICLE 114⁴⁷⁸ -

Calculation of the zero balance adjustment coefficient in a billing period

ARTICLE 115^{479,480} - (1) The zero balance adjustment coefficient for the balancing responsible party “f” in a billing period shall be calculated in accordance with the following formula:

$$SBDK_f = \frac{\sum_{b=1}^n \sum_{u=1}^k UEÇM_{f,b,u}}{\sum_{b=1}^m \sum_{u=1}^k UEÇM_{f,b,u}}$$

(2) The expressions used in the formula set out above shall have the following meanings:

SBDK_f refers to the zero balance adjustment coefficient (%) for the balancing responsible party “f”, in a billing period;

UEÇM_{f,b,u} refers to the settlement withdrawal volume (MWh) of the settlement supply/draw unit “b”, registered in the name of the balancing responsible party “f”, for the settlement period “u”, calculated pursuant to 84;

n refers to the number of settlement supply/draw units belonging to the market participant, registered in the name of the balancing responsible party “f”, for a billing period;

m refers to the total number of settlement supply/draw units for a billing period;

k refers to the number of settlement periods within a billing period.

Market operation fee

⁴⁷⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴⁸⁰ Amended pursuant to the Regulation published in the Official Gazette dated 5 January 2013 and numbered 28519.

ARTICLE 116 - (1) The market operation fee covering the operating expenses and the depreciation of investment expenditures in relation to the services provided by the Market Operator shall accrue separately from the amounts pertaining to electricity purchase and sale.

(2) The market operation fee shall accrue on account of each market participant by way of distributing to the market participants the market operation revenue ceiling, designated pursuant to the Communiqué on Regulated Elements and Principles of Reporting under the Electricity Market Revenue and Tariff Regulations, published in the Official Gazette dated 24/1/2003 and numbered 25003, with regard to the organized wholesale electricity market activities performed by the Market Operator.

(3)⁴⁸¹ The market operation fee applicable for an advance payment period, calculated by dividing the annual Market Operation Income Ceiling determined by the Board equally between the advance payments periods in the relevant year, shall be separated into market operation fee components to be charged for activities pertaining to the day-ahead market⁴⁸², the intraday market, the balancing power market and the settlement of imbalances, with regard to the share of the relevant organized wholesale electricity market activities within activities of the Market Operator. The ratio of each organized wholesale electricity market activity to the activities of the Market Operator shall be designated by the Market Operator and shall be updated and published on the MMS in case of a change.

(4)⁴⁸³ Market operation fee components to be accrued for each billing period in relation to each organized wholesale electricity market activity shall be calculated in accordance with the following formula:

$$PI\ddot{U}_{_G\ddot{O}} = k \times PI\ddot{U} \quad (23a)$$

$$PI\ddot{U}_{_DGP} = l \times PI\ddot{U} \quad (23b)$$

$$PI\ddot{U}_{_D} = m \times PI\ddot{U} \quad (23c)$$

$$PI\ddot{U}_{_G\ddot{I}P} = n \times PI\ddot{U} \quad (23\text{ç})$$

$$k + l + m + n = 1 \quad (23d)$$

(5)⁴⁸⁴ The expressions used in the formula above shall have the following meanings:
 $PI\ddot{U}_{_G\ddot{O}}$ refers to the total Day-Ahead Market⁴⁸⁵ Operation Fee share (TRY) to be charged by the Market Operator for the day-ahead market⁴⁸⁶ activities in a billing period;

$PI\ddot{U}$ refers to the total Market Operation Fee share (TRY) valid for a billing period, calculated over the Market Operation Revenue Ceiling set by the Board;

$PI\ddot{U}_{_DGP}$ refers to the total Balancing Power Market Settlement Fee share (TRY) to be charged by the Market Operator for the balancing power market activities in a billing period;

$PI\ddot{U}_{_D}$ refers to the total Imbalance Settlement Market Operation Fee share (TRY) to be charged by the Market Operator for the imbalance settlement activities in a billing period;

⁴⁸¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁸² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁸³ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁴⁸⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$PI\ddot{U}_{G\ddot{I}P}$ refers to the intraday market operation fee share (TRY) to be charged by the Market Operator for the intraday market activities in a billing period;

k refers to the coefficient corresponding to the rate of the Day-Ahead Market⁴⁸⁷ activities to the activities of the Market Operator;

l refers to the coefficient corresponding to the rate of the Balancing Power Market activities to the activities of the Market Operator;

m refers to the coefficient corresponding to the rate of the Imbalance Settlement Market activities to the activities of the Market Operator;

n refers to the coefficient corresponding to the rate of the Intraday Balancing activities to the activities of the Market Operator.

Market operation fee and annual participation fee to be charged to market participants in relation to power futures market activities⁴⁸⁸

ARTICLE 116/A⁴⁸⁹ - (1) The market operation fee shall be charged per MWh to the contracting parties for transactions performed in the power futures market, and matters regarding the determination of the market operation fee and its collection from the market participants shall be regulated by a Board decision.

(2) The annual electricity market participation fee, which shall be included in the market operation fee, and matters regarding the collection of this amount from the market participants shall be regulated by a Board decision.

Calculation of the market operation fee to be charged to day-ahead market participants in relation to day-ahead market⁴⁹⁰ activities

ARTICLE 117⁻⁴⁹¹ (1) The market operation fee to be charged to each day-ahead market⁴⁹² participant in relation to day-ahead market⁴⁹³ activities shall be calculated in accordance with the following formula:

$$PI\ddot{U}S_{G\ddot{O}} = 0.25 \times PI\ddot{U}_{G\ddot{O}} \quad (24a)$$

$$PI\ddot{U}D_{G\ddot{O}} = 0.75 \times PI\ddot{U}_{G\ddot{O}} \quad (24b)$$

$$PI\ddot{U}S_{G\ddot{O}_s} = \frac{PI\ddot{U}S_{G\ddot{O}}}{b} \quad (24c)$$

$$PI\ddot{U}D_{G\ddot{O}_s} = \frac{PI\ddot{U}D_{G\ddot{O}}}{b} \quad (24\varsigma)$$

⁴⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁸⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁸⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹¹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁴⁹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

$$PI\ddot{U}_{-}G\ddot{O}_{p,s} = \frac{PI\ddot{U}_{-}G\ddot{O}_s}{k} + \frac{\left(\sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{t1} SSM_{t,p,s,u,r} + \sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{t2} SAM_{t,p,s,u,r} \right)}{\left(\sum_{p=1}^k \sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{t1} SSM_{t,p,s,u,r} + \sum_{p=1}^k \sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{t2} SAM_{t,p,s,u,r} \right)} \times PI\ddot{U}_{-}G\ddot{O}_s$$

(24d)

$$PI\ddot{U}_{-}G\ddot{O}_p = \sum_{s=1}^b PI\ddot{U}_{-}G\ddot{O}_{p,s}$$

(24e)

- (2) The expressions used in these formulas shall have the following meanings:
- PI \ddot{U}_{-} G \ddot{O} refers to the total fixed day-ahead market⁴⁹⁴ operation fee share (TRY) to be charged by the Market Operator for the day-ahead market⁴⁹⁵ activities in a billing period;
- PI \ddot{U}_{-} G \ddot{O} refers to the total day-ahead market⁴⁹⁶ operation fee amount (TRY) to be charged by the Market Operator for the day-ahead market⁴⁹⁷ activities in a billing period;
- PI \ddot{U}_{-} G \ddot{O} refers to the total variable day-ahead market⁴⁹⁸ operation fee share (TRY) to be charged by the Market Operator for the day-ahead market⁴⁹⁹ activities in a billing period;
- PI \ddot{U}_{-} G \ddot{O}_s refers to the total fixed day-ahead market⁵⁰⁰ operation fee share (TRY) to be charged by the Market Operator for the day-ahead market⁵⁰¹ activities in an advance payment period;
- PI \ddot{U}_{-} G \ddot{O}_s refers to the total variable day-ahead market⁵⁰² operation fee share (TRY) to be charged by the Market Operator for the day-ahead market⁵⁰³ activities in an advance payment period;
- a refers to the number of settlement periods within the relevant advance payment period;
- b refers to the number of advance payment periods within the relevant billing period;
- PI \ddot{U}_{-} G $\ddot{O}_{p,s}$ refers to the day-ahead market⁵⁰⁴ operation fee amount (TRY) to be charged to the market participant “p” by the Market Operator for the day-ahead market⁵⁰⁵ activities in the advance payment period “s”;
- K refers to the number of market participants in the day-ahead market⁵⁰⁶;
- SSM_{t,p,s,u,r} refers to the System Sale Volume (MWh) of the market participant “p”, for the bidding zone “t”, under its offer “r”, valid for the settlement period within the advance payment period “u”, determined within the scope of the day-ahead market⁵⁰⁷;

⁴⁹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁴⁹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

t1 refers to the number of bids under which the market participant “p” has sold to the system for the bidding zone “t”, for the settlement period “u”, in the advance payment period “s”, within the scope of the day-ahead market⁵⁰⁸;

m refers to the number of bidding zones for the relevant billing period;

SAM_{t,p,s,u,r} refers to the System Purchase Volume (MWh) of the market participant “p”, for the bidding zone “t”, under its offer “r”, valid for settlement period within the advance payment period “u”;

t2 refers to the number of bids under which the market participant “p” has purchased from the system for the bidding zone “t”, for the settlement period “u”, within the scope of the day-ahead market⁵⁰⁹;

PIÜ_GÖp refers to the day-ahead market⁵¹⁰ operation fee amount (TRY) to be charged to the market participant “p” by the Market Operator for the day-ahead market⁵¹¹ activities in a billing period.

Calculation of the intraday market operation fee⁵¹²

ARTICLE 117/A - (1) The market operation fee to be charged to an intraday market participant in relation to its intraday market activities shall be calculated in accordance with the following formulas:

$$G\dot{I}P\ddot{I}\ddot{U}S = 0,25 \times G\dot{I}P\ddot{I}\ddot{U}$$

$$G\dot{I}P\ddot{I}\ddot{U}D = 0,75 \times G\dot{I}P\ddot{I}\ddot{U} - G\dot{I}T\ddot{I}\ddot{U}$$

$$G\dot{I}P\ddot{I}\ddot{U}S_g = \frac{G\dot{I}P\ddot{I}\ddot{U}S}{b}$$

$$G\dot{I}P\ddot{I}\ddot{U}D_g = \frac{G\dot{I}P\ddot{I}\ddot{U}D}{b}$$

$$G\dot{I}P\ddot{I}\ddot{U}_{p,g} = \frac{G\dot{I}P\ddot{I}\ddot{U}S_g}{k} + \frac{\sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{xp} G\dot{I}SM_{p,t,g,r,u} + \sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{yp} G\dot{I}AM_{p,t,g,r,u}}{\sum_{p=1}^k \sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{xp} G\dot{I}SM_{p,t,g,r,u} + \sum_{p=1}^k \sum_{t=1}^m \sum_{u=1}^a \sum_{r=1}^{yp} G\dot{I}AM_{p,t,g,r,u}} \times G\dot{I}P\ddot{I}\ddot{U}D_g$$

$$G\dot{I}P\ddot{I}\ddot{U}_p = 200 \times G\dot{I}IS_p + \sum_{g=1}^b G\dot{I}P\ddot{I}\ddot{U}_{p,g}$$

(2) The expressions used in these formulas shall have the following meanings:

GİPIÜ refers to the total intraday market operation fee amount (TRY) to be charged for the intraday market activities in a billing period;

⁵⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵¹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵¹² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

$\dot{G}\dot{I}\dot{P}\dot{I}\ddot{U}\dot{S}$ refers to the total fixed intraday market operation fee share (TRY) to be charged for the intraday market activities in a billing period;

$\dot{G}\dot{I}\dot{P}\dot{I}\ddot{U}\dot{D}$ refers to the total variable intraday market operation fee share (TRY) to be charged for the intraday market activities in a billing period;

$\dot{G}\dot{I}\dot{P}\dot{I}\ddot{U}\dot{S}_g$ refers to the total fixed intraday market operation fee share (TRY) to be charged for the intraday market activities in an advance payment period;

$\dot{G}\dot{I}\dot{P}\dot{I}\ddot{U}\dot{D}_g$ refers to the total variable intraday market operation fee share (TRY) to be charged for the intraday market activities in an advance payment period;

a refers to the number of settlement periods within the relevant advance payment period;

b refers to the number of advance payment periods within the relevant billing period;

$\dot{G}\dot{I}\dot{P}\dot{I}\ddot{U}_{p,g}$ refers to the intraday market operation fee amount (TRY) to be charged to the market participant “p”, for the intraday market activities in the advance payment period “g”;

k refers to the number of market participants in the intraday market;

$\dot{G}\dot{I}\dot{S}\dot{M}_{p,t,g,r,u}$ refers to intraday sale volume (MWh) of the market participant “p”, for the bidding zone “t”, within the settlement period “u”, under its offer “r”, in the advance payment period “g”;

x_p refers to the number of bids under which the market participant “p” has sold for the bidding zone “t”, for the settlement period “u”, in the advance payment period “g”;

m refers to the number of bidding zones for the relevant billing period;

$\dot{G}\dot{I}\dot{A}\dot{M}_{p,t,g,r,u}$ refers to intraday purchase volume (MWh) of the market participant “p”, for the bidding zone “t”, within the settlement period “u”, under its offer “r”, in the advance payment period “g”;

y_p refers to the number of bids under which the market participant “p” has made purchases for the bidding zone “t”, for the settlement period “u”, in the advance payment period “g”;

$\dot{G}\dot{I}\dot{P}\dot{I}\ddot{U}_p$ refers to the intraday market operation fee amount (TRY) to be charged to the market participant “p” for the intraday market activities in a billing period;

$\dot{G}\dot{I}\dot{I}\dot{S}_p$ refers to the number of rejected appeals by the market participant “p” in a billing period;

$\dot{G}\dot{I}\dot{T}\dot{I}\ddot{U}$ refers to the total appeal fees paid by the market participants for their rejected appeals.

Calculation of the market operation fee to be charged to the market participants in relation to balancing power market activities

ARTICLE 118⁵¹³ - (1) The market operation fee to be charged to each balancing power market participant in relation to balancing power market activities shall be calculated in accordance with the following formula:

$$\dot{P}\dot{I}\ddot{U}\dot{S} _ DGP = 0.25 \times \dot{P}\dot{I}\ddot{U} _ DGP \quad (25a)$$

$$\dot{P}\dot{I}\ddot{U}\dot{D} _ DGP = 0.75 \times \dot{P}\dot{I}\ddot{U} _ DGP \quad (25b)$$

⁵¹³ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

$$PI\ddot{U}S_DGP_s = \frac{PI\ddot{U}S_DGP}{b} \quad (25c)$$

$$PI\ddot{U}D_DGP_s = \frac{PI\ddot{U}D_DGP}{b} \quad (25\zeta)$$

$$PI\ddot{U}_DGP_{p,s} = \frac{PI\ddot{U}S_DGP_s}{l} + \frac{\left(\sum_{d=1}^{d1} \sum_{u=1}^a \sum_{s=1}^{t1} KEYALM_{p,d,s,u,r} + \sum_{s=1}^{d2} \sum_{u=1}^a \sum_{r=1}^{t2} KEYATM_{p,d,s,u,r} \right)}{\left(\sum_{p=1}^l \sum_{d=1}^{d1} \sum_{u=1}^a \sum_{s=1}^{t1} KEYALM_{p,d,s,u,r} + \sum_{p=1}^l \sum_{d=1}^{d2} \sum_{u=1}^a \sum_{s=1}^{t2} KEYATM_{p,d,s,u,r} \right)} \times PI\ddot{U}D_DGP_s \quad (25d^{514515})$$

$$PIU_DGP_p = \sum_{s=1}^b PIU_DGP_{p,s} \quad (25e)$$

(2) The expressions used in these formulas shall have the following meanings:

$PI\ddot{U}S_DGP$ refers to the total fixed balancing power market operation fee share (TRY) to be charged by the Market Operator for the balancing power market activities in a billing period;

$PI\ddot{U}_DGP$ refers to the total balancing power market operation fee amount (TRY) to be charged by the Market Operator for the balancing power market activities in a billing period;

$PI\ddot{U}D_DGP$ refers to the total variable balancing power market operation fee share (TRY) to be charged by the Market Operator for the balancing power market activities in a billing period;

$PI\ddot{U}_DGP_{p,s}$ refers to the balancing power market operation fee amount (TRY) to be charged to the market participant “p”, by the Market Operator, for the balancing power market activities, in the advance payment period “s”;

l refers to the number of market participants in the balancing power market;

a refers to the number of settlement periods within the relevant advance payment period;

b refers to the number of advance payment periods within the relevant billing period;

$KEYALM_{p,d,s,u,r}$ refers to the accepted and fulfilled UpReg bid volume (MWh) of the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, in the advance payment period “s”, within the scope of the balancing power market,

$t1$ refers to the number of accepted UpReg bids for the settlement period “u”, pertaining to the balancing unit “d”, within the scope of the balancing power market;

$d1$ refers to the number of balancing units with accepted UpReg bids in relation to the market participant “p”, for the settlement period “u”, within the scope of the balancing power market;

$KEYATM_{p,d,s,u,r}$ refers to the accepted and fulfilled DownReg bid volume (MWh) of the offer “r”, by the balancing unit “d”, valid for the settlement period “u”, in the advance payment period “s”, within the scope of the balancing power market;

⁵¹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁵¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

t2 refers to the number of accepted DownReg bids for the settlement period “u”, pertaining to the balancing unit “d”, within the scope of the balancing power market;

d2 refers to the number of balancing units with accepted DownReg bids in relation to the market participant “p”, for the settlement period “u”, within the scope of the balancing power market;

PIÜ_DGPP refers to the balancing power market operation fee amount (TRY) to be charged to the market participant “p” by the Market Operator for the balancing power market activities in a billing period.

Calculation of the market operation fee to be charged to the balancing responsible parties in relation to imbalance settlement activities

ARTICLE 119⁵¹⁶ - (1) The market operation fee to be charged to each balancing responsible party in relation to imbalance settlement activities shall be calculated in accordance with the following formula:

$$PIÜS_D = 0.25 \times PIÜ_D \quad (26a)$$

$$PIÜD_D = 0.75 \times PIÜ_D \quad (26b)$$

$$PIÜS_D_s = \frac{PIÜS_D}{b} \quad (26c)$$

$$PIÜD_D_s = \frac{PIÜD_D}{b} \quad (26ç)$$

$$PIÜ_D_{f,s} = \frac{PIÜS_D_s}{k} + \frac{\sum_{t=1}^m \sum_{u=1}^a |EDM_{f,t,s,u}|}{\sum_{f=1}^k \sum_{t=1}^m \sum_{u=1}^a |EDM_{f,t,s,u}|} \times PIÜD_D_s \quad (26d)$$

$$PIU_D_f = \sum_{s=1}^b PIU_D_{f,s} \quad (26e)$$

(2) The expressions used in these formulas shall have the following meanings:

PIÜS_D refers to the total fixed imbalance settlement market operation fee share (TRY) to be charged by the Market Operator for the imbalance settlement activities in a billing period;

PIÜ_D refers to the total imbalance settlement market operation fee amount (TRY) to be charged by the Market Operator for the imbalance settlement activities in a billing period;

PIÜD_D refers to the total variable imbalance settlement market operation fee share (TRY) to be charged by the Market Operator for the imbalance settlement market activities in a billing period;

⁵¹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

EDM_{f,t,s,u} refers to the energy imbalance volume (MWh) of the balancing responsible party “f”, for a day within a billing period, for the bidding zone “t”, for the settlement period “u”, calculated pursuant to Article 111;

m refers to the number of bidding zones for the relevant billing period;

b refers to the number of advance payment periods within the relevant billing period;

PIÜ_{Df,s} refers to the imbalance settlement market operation fee amount (TRY) to be charged to the balancing responsible party “f” by the Market Operator for the imbalance settlement activities in an advance payment period;

PIÜ_{Df} refers to the imbalance settlement market operation fee amount (TRY) to be charged to the balancing responsible party “f” by the Market Operator for the imbalance settlement activities in a billing period;

a refers to the number of settlement periods within a billing period;

k refers to the number of balancing responsible parties.

PART SEVEN

Financial Provisions

CHAPTER ONE

Responsibilities of the Parties Regarding Collaterals and Payments⁵¹⁷

Responsibilities of the Market Operator⁵¹⁸

ARTICLE 120 - (1) The Market Operator shall be responsible for the following:

a) Designating the central settlement institution⁵¹⁹ and informing the participants in relation thereto;

b) Entering into an agreement with the central settlement institution⁵²⁰ determined by the Market Operator in order to enable the use of the central settlement institution⁵²¹ for the conduct of collateral and payment transactions by all parties;

c) Accurately calculating the collateral amounts⁵²² required to be submitted by market participants;

ç)⁵²³

d)⁵²⁴

e) Regularly and accurately informing the market participants about the collateral amounts they are required to submit;

f) Regularly and accurately informing the central settlement institution⁵²⁵ about the collateral amounts the market participants are obliged to submit and their receivables/debts;

⁵¹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁵¹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁵¹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵²⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵²¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵²² Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵²³ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵²⁴ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

g) Safe keeping of the letters of guarantee submitted to the Market Operator⁵²⁶ and informing the central settlement institution⁵²⁷ about the letters of guarantee it has received;
g)⁵²⁸

h) Comparing the existing collateral amount of each participant with the amount of collateral they are obliged to offer, and if necessary, making a margin call⁵²⁹ to the relevant participant via MMS and/or through the central settlement institution⁵³⁰;

i) Announcing to the market participants the rates for the service fees charged by the central settlement institution⁵³¹ regarding the collateral management and cash clearing services offered by the central settlement institution⁵³² and the fund management commission rate collected by the central settlement institution⁵³³ in return for providing interest for the cash collaterals in TRY;

i) Opening the necessary accounts in the central settlement institution⁵³⁴ on its name and behalf;

j) Making timely and accurate notifications to the central settlement institution⁵³⁵ regarding payments to be made within the scope of the assignment deeds;

k) ^{536,537} Preparing and announcing to market participants all Procedures under the responsibility of the Market Operator.

Responsibilities of market participants⁵³⁸

ARTICLE 121 - (1) The market participants shall be responsible for the following:

a) Accurately and promptly opening the collateral and cash accounts on their behalf at the central settlement institution⁵³⁹ determined by the Market Operator for transactions related to collaterals and payments;

b) Signing the central settlement institution⁵⁴⁰ participant agreement regarding custody services for collaterals other than letters of guarantee and cash clearing services to be provided by the central settlement institution⁵⁴¹;

c) Accurately and promptly opening cash accounts on its behalf at intermediary banks for payments related to performance of advance and invoice payment transactions by the Market Operator;

ç) Accurately and timely making payments in relation to advance payment notifications and invoices issued to them by the Market Operator;

d)⁵⁴² Providing the collateral amount to be provided in the name of the Market Operator in accordance with the relevant articles of this Regulation;

⁵²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵²⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵²⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵³⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵³⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵³⁸ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁵³⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴² Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

e) Depositing in a timely manner, the collateral amount notified by the Market Operator to the collateral accounts opened in their name at the central settlement institution⁵⁴³ determined by the Market Operator, in order to guarantee their payment obligations;

f) Promptly paying to the central settlement institution⁵⁴⁴ the service fees requested from them for collateral management and cash clearing services offered by the central settlement institution⁵⁴⁵.

(2)⁵⁴⁶ Market participants shall be obliged to comply with the rules set by the Market Operator in relation to market operation within the scope of the Procedures and Principles of the Power Futures Market and to refrain from engaging in activities that disrupt competition or market structure.

Responsibilities of the central settlement institution^{547,548}

ARTICLE 122 - (1) The central settlement institution⁵⁴⁹ shall be responsible for the following:

a) Performing advance, invoice and assignment payments and collateral transactions accurately and in a timely manner;

b) Establishing the infrastructure to enable communication with the Market Operator, market participants and intermediary banks regarding the advance, invoice and assignment payments and collateral transactions, and operating the said system;

c) Signing the central settlement institution⁵⁵⁰ participant agreement with market participants regarding custody services for collaterals other than letters of guarantee and cash clearing services;

ç) Signing the central settlement institution⁵⁵¹ agreement with the Market Operator for executing the collateral and payment transactions;

d) Ensuring the accuracy of the payments within the scope of the assignment deeds provided to it by the Market Operator and informing the Market Operator about the payments made;

e) Informing the Market Operator of transactions regarding collateral management, advances and invoice payments;

f)⁵⁵² Safekeeping of all collaterals submitted on behalf of the Market Operator other than the letters of guarantee;

g) Monitoring the transactions performed regarding the collaterals;

ğ) Accurately informing the Market Operator of transactions performed in the collateral accounts of market participants and current collateral level;

h) If the total collateral amount submitted by a market participant for a certain market activity falls below the total collateral amount required for the relevant participant, making

⁵⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴⁷ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁵⁴⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁴⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵² Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

the necessary notification to the Market Operator in relation to a margin call for the total collateral amount to be submitted by the relevant participant;

- i) Providing interest for the collaterals in TRY provided by the market participants;
- i) If the market participant goes into default, calculating the default penalties and informing the Market Operator in relation thereto;
- j) Informing the market participants about the service fees payable by the participants;
- k) Refraining from disclosing information and data to third parties in relation to market participants that are trade secrets, such as participants' commercial transactions and the usage of collaterals provided to them by the Market Operator;

l)⁵⁵³ Promptly and accurately performing the transactions regarding default collateral accounts created for markets operated by the Market Operator or for which financial settlement and other financial transactions are carried out, and procuring accrual of interest for cash contributions offered in TRY.

(2) The procedures and principles regarding procurement of interest accrual are under the legal responsibility of the central settlement institution⁵⁵⁴ and the provision of interest shall be carried out by the central settlement institution⁵⁵⁵ with their best efforts according to the market conditions of the day, and the amount of interest shall be transferred to the account of the relevant market participant on the next business day.

Responsibilities of intermediary banks⁵⁵⁶

- (1) The intermediary banks shall be responsible for the following:
 - a) Accurately and timely informing the relevant market participants regarding the notifications they have received from the central settlement institution⁵⁵⁷;
 - b) If the market participant is indebted, accurately and timely forwarding the payment received from the market participant to the central settlement institution⁵⁵⁸, and if the market participant is a creditor, accurately and timely forwarding the payment received from the central settlement institution⁵⁵⁹ to the market participant;
 - c) Establishing a system to facilitate correspondence and communication compatible with the central settlement institution⁵⁶⁰ for the timely and accurate execution of payment transactions.

CHAPTER TWO

Collaterals and the Default Collateral Account^{561, 562}

General principles pertaining to collaterals⁵⁶³

⁵⁵³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁵⁵⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁶⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁶¹ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁵⁶² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

ARTICLE 124⁵⁶⁴ - (1) Collaterals ensure the continuity of cash flow between participants, if the market participants fail to fulfill their obligations or are unable to perform their activities in relation to the market, and in case a market participant fails to make a payment on time, market participants who are creditors are secured.

(2) The Market Operator shall receive collaterals from market participants for their liabilities regarding the day-ahead market⁵⁶⁵, the intraday market⁵⁶⁶ and settlement obligations.

(3)^{567,568} The Collateral Calculation Procedure for calculating the collateral amounts to be received from market participants in connection with the risks of not meeting their day-ahead market, intraday market and settlement obligations, shall be prepared by the Market Operator and published on its website. The Market Operator shall complete any developments and amendments required by the Authority in the Procedure within the time allotted.

(4)^{569,570} Market participants who are unable to provide their total collateral calculated in accordance with the Collateral Calculation Procedure⁵⁷¹ cannot perform the relevant market activity.

(5)⁵⁷² Transactions regarding the collaterals shall be carried out pursuant to the following principles:

a)⁵⁷³

b)⁵⁷⁴

c)⁵⁷⁵

ç)⁵⁷⁶

d)⁵⁷⁷

e) The Market Operator shall use the central settlement institution⁵⁷⁸ to carry out the collateral and payment transactions.

f) The duties and responsibilities of the central settlement institution⁵⁷⁹ shall be designated under the central settlement institution⁵⁸⁰ agreement executed between the Market Operator and the central settlement institution⁵⁸¹.

⁵⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁵⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁶⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁶⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁶⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

⁵⁷¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁷² Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁵⁷³ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁷⁴ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁷⁵ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁷⁶ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁷⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁷⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

g)^{582, 583} Market participants must work with the central settlement institution⁵⁸⁴ determined by the Market Operator in the execution of collateral transactions by signing the relevant agreement. All market participants shall individually open collateral accounts at the central settlement institution⁵⁸⁵ in order to carry out transactions regarding their collaterals. The central settlement institution⁵⁸⁶ shall be authorized by the Market Operator to perform all transactions in relation to this account. The amounts arising from procurement of interest accrual related to the cash collateral account shall be accrued to the benefit of the relevant market participant after deduction of all legal charges and service fees. Market participants may provide their collaterals through more than one bank.

ğ)^{587, 588} Market participants shall submit all their collaterals consisting of the securities set forth under the Collateral Procedures and Principles except for letters of guarantee to the central settlement institution and letters of guarantee to the Market Operator. All collaterals submitted by the market participant except for letters of guarantee shall be kept by the central settlement institution and the letters of guarantee shall be kept by the Market Operator.

h) The central settlement institution⁵⁸⁹ acting on behalf of the Market Operator, shall establish a pledge in favor of the Market Operator over the collateral amount provided to it on a participant basis for market activities.

ı) Payments and collections regarding the balancing mechanism and settlement of imbalances may not be made using collaterals, save for cases where the market participant fails to make advance and invoice payments within the periods set forth under Article 132/Ç.

(6) The rates in relation to the service fees collected by the central settlement institution⁵⁹⁰ regarding the collateral custody and cash clearing services offered by the central settlement institution⁵⁹¹, and the fund management commission rate shall be included in the central settlement institution⁵⁹²-participant agreement signed between the market participant and the central settlement institution⁵⁹³. If any changes occur to these rates, the Market Operator shall publish the changed rates at the latest one month prior to their effective date via the MMS.

Principles pertaining to power futures market collaterals⁵⁹⁴

ARTICLE 124/A⁵⁹⁵ - (1) Market participants shall provide collaterals for purposes of managing the risks undertaken by the Market Operator as a central counterparty, securing other market participants who are creditors, and utilization of such deposits in the closing of open positions within the scope of default management, in case market

⁵⁸² Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁸³ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁵⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁵⁸⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁸⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

participants fail to fulfill their obligations or are unable to carry out their activities regarding the power futures market.

(2) Matters regarding the collateral obligation, types of collaterals, assets to be accepted as collaterals, collateral processes, calculation of collateral amounts and the use of amounts exceeding the collaterals required to be submitted in accordance with the relevant legislation regulating the balancing and settlement procedures shall be regulated under the Procedures and Principles of the Power Futures Markets.

(3) Market participants who cannot provide the collaterals calculated in accordance with the relevant legislation regarding the organized wholesale electricity markets operated by the Market Operator may be prevented partially or completely from engaging in market activities in these markets pursuant to this Regulation and the Procedures and Principles of Power Futures Markets.

(4) The Market Operator shall use the central settlement institution to carry out the collateral and payment transactions. The duties and responsibilities of the central settlement institution shall be determined through the central settlement institution agreement executed between the Market Operator and the central settlement institution.

(5)⁵⁹⁶ The power futures market collateral transactions of market participants shall be carried out in accordance with sub-paragraph (g) of the fifth paragraph of Article 124.

(6) The central settlement institution acting on behalf of the Market Operator shall establish a pledge in favor of the Market Operator over the collateral amount provided to it on a participant basis for market activities.

Default collateral account⁵⁹⁷

ARTICLE 124/B ⁵⁹⁸ - (1) The Market Operator shall open a default collateral account to be used for losses that exceed the collaterals of the relevant market participants in the event that one or more of the market participants go into default, which may occur in markets that it operates or conducts financial settlement transactions.

(2) A joint default collateral account or separate default collateral accounts may be opened for the markets operated by the Market Operator or markets financial settlement and other financial transactions of which are carried out by the Market Operator.

(3) The default collateral account shall be represented and managed by the Market Operator. Assets in the default collateral account may not be used for purposes other than their intended use, attached, pledged, affected by the liquidation decisions of administrative authorities, included in bankruptcy estates, or be subject to injunctions.

(4) The default collateral account shall be created with the contributions of relevant market participants. The Market Operator shall undertake to contribute to the default management resources to be paid in case of occurrence of a default. The amount and procedure of use of the default management contribution of the Market Operator shall be regulated by the relevant procedures and principles.

(5) In the event that the collaterals of the market participants in default, their default collateral account contributions and the Market Operator's default management contribution amount are sufficient, no recourse shall be made to the default collateral account contributions of the other market participants.

⁵⁹⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁵⁹⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁵⁹⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

(6) Matters regarding the designation of the default collateral account size and contribution shares, determination of the types of assets that qualify as contributions, their collection from market participants, circumstances where additional contributions shall be collected, accrual of interest for cash contributions in TRY in the default collateral account, the use of these assets in case of default and their refund to market participants shall be regulated in the relevant procedures and principles.

Process regarding collateral transactions
ARTICLE 125⁵⁹⁹ -

Assets that may be accepted as collaterals
ARTICLE 126⁶⁰⁰ -

General principles of minimum control
ARTICLE 127⁶⁰¹ -

General principles of day-ahead balancing and collateral control in the intraday market
ARTICLE 128⁶⁰² -

General principles of collateral control in settlement of imbalances
ARTICLE 129⁶⁰³ -

General principles regarding total collateral control
ARTICLE 130⁶⁰⁴ -

Refund of collaterals submitted to the central settlement bank
ARTICLE 131⁶⁰⁵ -

CHAPTER THREE

Advance Payment Notifications, Settlement Notifications, Billing, Payments and Failure to Make Payments⁶⁰⁶

Advance payment notifications

ARTICLE 132⁶⁰⁷ - (1)⁶⁰⁸ As a result of settlement calculations, the daily advance payment notification in relation to the day-ahead market⁶⁰⁹ and intraday market activities, setting forth the amounts to be paid to the Market Operator for each day of a billing period

⁵⁹⁹ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰⁰ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰¹ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰² Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰³ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰⁴ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰⁵ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁶⁰⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

or to be paid by the Market Operator to the market participants shall be announced daily by the Market Operator to the relevant market participants, by no later than 14:30 via the central settlement institution⁶¹⁰ for each business day. This notification shall cover the receivables and debts related to the purchase and sales volumes within the intraday market and the day-ahead market⁶¹¹ for the day preceding its publication date. For weekends or public holidays, the advance payment notifications shall be made on the following business day.

(2) The advance payment notification made to market participants by the Market Operator shall include the following items:

a) Breakdown of receivables regarding sales of market participants to the system on a settlement period basis within the scope of the day-ahead market⁶¹²;

b) Breakdown of receivables regarding the purchases of market participants from the system on a settlement period basis within the scope of the day-ahead market⁶¹³;

c) Energy volume and receivable breakdown of the sales of the participant in the intraday market;

ç) Energy volume and debt breakdown of the purchases of the participant in the intraday market.

(3) The advance payment notification made to the central settlement agency⁶¹⁴ by the Market Operator shall include the following items:

a) Breakdown of receivables regarding the sales of market participants to the system within the scope of the day-ahead market⁶¹⁵;

b) Breakdown of receivables regarding the purchases of market participants from the system within the scope of the day-ahead market⁶¹⁶;

c) Breakdown of receivables corresponding to intraday market activities;

ç) Breakdown of debts corresponding to intraday market activities.

Settlement notifications

ARTICLE 132/A^{617,618} - (1) The pre-settlement notifications containing the amounts to be paid to the Market Operator by market participants or the amounts to be paid to the market participants by the Market Operator for each billing period as a result of the settlement calculations shall be announced to the relevant market participants via the MMS on the eleventh day of the month following the billing period at the latest. The final settlement notifications shall be announced on the fifteenth day of the month following the billing period, and if the fifteenth day of the month falls on a weekend or a public holiday, the business day following the end of the weekend or public holiday⁶¹⁹.

(2) The pre-settlement notifications announced by the Market Operator to the market participants shall at least include following information⁶²⁰:

⁶¹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶¹⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁶¹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶¹⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶²⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 28 July 2020 and numbered 31199.

- a) Breakdown of receivables regarding the sales of market participants to the system on a settlement period basis within the scope of the day-ahead market⁶²¹;
 - b) Breakdown of receivables regarding the purchases of market participants from the system on a settlement period basis within the scope of the day-ahead market⁶²²;
 - c) Breakdown of the energy volume and receivables regarding the accepted and fulfilled UpReg bids coded 0 (zero) and 1 (one) within the scope of the balancing power market on a settlement period basis;
 - ç) Breakdown of the energy volume and debts regarding the accepted and fulfilled DownReg bids coded 0 (zero) and 1 (one) within the scope of the balancing power market on a settlement period basis;
 - d) Breakdown of the settlement bilateral agreement notification volumes for the relevant participant on a settlement period basis;
 - e) Transmission line supply volume breakdown on a settlement period and bidding zone basis;
 - f) Withdrawal from system volume breakdown on a settlement period and bidding zone basis;
 - g) Breakdown of the energy volume and receivables regarding the sales of intraday market participants to the system;
 - ğ) Breakdown of the energy volume and debts regarding the purchases of intraday market participants from the system;
 - h) Late payment fees related to advance and invoice payments.
- (3)⁶²³
- (4) The final settlement notifications announced by the Market Operator to the market participants shall at least include following information⁶²⁴:
- a) Breakdown of receivables regarding the sales of market participants to the system on a settlement period basis within the scope of the day-ahead market⁶²⁵;
 - b) Breakdown of receivables regarding the purchases of market participants from the system on a settlement period basis within the scope of the day-ahead market⁶²⁶;
 - c) Market operating fee to be accrued to the market participants in relation to their day-ahead market activities⁶²⁷;
 - ç)⁶²⁸ Gap amount;
 - d) Breakdown of the energy volume and receivables regarding the accepted and fulfilled UpReg bids coded 0 (zero) and 1 (one) within the scope of the balancing power market on a settlement period basis;
 - e) Breakdown of the energy volume and debts regarding the accepted and fulfilled DownReg bids coded 0 (zero) and 1 (one) within the scope of the balancing power market on a settlement period basis;
 - f) Market operating fee to be accrued to the market participants in relation to the balancing power market activities;

⁶²¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶²² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶²³ Repealed pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶²⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 28 July 2020 and numbered 31199.

⁶²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶²⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶²⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

- g) Electricity surplus breakdown on a settlement period and bidding zone basis;
- ğ) Electricity shortage breakdown on a settlement period and bidding zone basis;
- h) Retrospective correction item;
- ı) Zero balance adjustment item;
- i) Share of overdue receivables;
- j) Market operating fee to be accrued to the balancing responsible parties in relation to the imbalance settlement activities;
- k) Breakdown of the settlement bilateral agreement notification volumes for the relevant participant on a settlement period basis;
- l) Settlement supply volume breakdown on a settlement period and bidding zone basis;
- m) Settlement withdrawal volume breakdown on a settlement period and bidding zone basis;
- n) Breakdown of the electricity volume and receivables regarding the sales of intraday market participants;
- o) Breakdown of the energy volume and debts regarding the purchases of intraday market participants;
- ö) Market operating fee to be accrued to the market participants in relation to their intraday market activities;
- p)⁶²⁹ Late payment fees related to advance and invoice payments;
- r)⁶³⁰ Breakdown of receivables calculated in accordance with the Regulation on the Certification and Support of Renewable Energy Resources;
- s)⁶³¹ Breakdown of debts calculated in accordance with the Regulation on the Certification and Support of Renewable Energy Resources;
- ş)⁶³² Amount of deviation from the finalized daily generation/consumption schedule on a settlement period basis.
- (5)⁶³³
- (6) Taxes and charges required by the legislation shall be included in the amounts set out in the final settlement notifications⁶³⁴ issued by the Market Operator as a result of the settlement.

Corrections regarding settlement notifications

ARTICLE 132/B^{635,636,637} - (1) Appeals to pre-settlement notifications must be made until 17:30 on the twelfth day of the month of notification, in order to ensure that the appeals of market participants in relation to any errors detected in settlement notifications are evaluated within the relevant billing period. In the event that appeals are approved by the Market Operator until 16:00 on the fourteenth day of the month, invoices shall be issued based on the corrected notification amounts. If the appeals cannot be concluded until 16:00 on the fourteenth day of the month, the procedure set out under Article 133 shall apply. If

⁶²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶³⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶³¹ Inserted pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶³² Inserted pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶³³ Repealed pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁶³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶³⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁶³⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶³⁷ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

the appeal is not deemed to be justified, the market participant shall be informed within this period.

Invoicing

ARTICLE 132/C^{638,639} - (1)⁶⁴⁰ The Market Operator shall issue invoices to the relevant market participants via the MMS, according to the amounts included in the valid final settlement notification, within seven days from the announcement date of the final settlement notification. The publication date of the final settlement notification shall be accepted as the invoice notification date for market participants.⁶⁴¹

(2) One invoice shall be issued for all of day-ahead market⁶⁴², intraday market, balancing power market activities and settlement of imbalances, and these invoices shall be sent by the Market Operator to the market participants engaged in the relevant market activity.

(3)⁶⁴³ The Market Operator shall notify the central settlement institution⁶⁴⁴ of the debt/receivable information of the participant based on invoices issued for its relevant market activities following the date of announcement of the final settlement notice to the relevant market participants via the MMS.

(4)⁶⁴⁵ Market participants to be paid shall send invoices to the Market Operator issued in relation to the day-ahead market^{646,647}, intraday market, balancing power market activities and settlement of imbalances in accordance with the valid final settlement notification amounts, within seven days from the announcement date of the final settlement notification to the relevant market participants via the MMS.

(5)⁶⁴⁸ If the amounts calculated according to the final settlement results are below the waiver limit for accruals published annually by the Ministry of Treasury and Finance pursuant to the Tax Procedure Law No. 213, the amounts accrued up to this limit may be excluded from the final settlement notification. The total amount of these settlement amounts shall be included in the final settlement notification in the month in which they reach the waiver limit for accrual within the year and an invoice shall be issued accordingly. If this limit is not reached within a year, the total amount shall be included in the final settlement notification at the end of the year and an invoice shall be issued accordingly. The waiver limit for accrual shall be announced by the Market Operator every year.

Payments and collection

ARTICLE 132/Ç⁶⁴⁹ - (1) The amounts included in the daily advance payment notifications made to the market participants by the Market Operator regarding the day-

⁶³⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁶³⁹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁴⁰ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁴¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁴² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁴³ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁴⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁴⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁴⁷ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁶⁴⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁶⁴⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

ahead market⁶⁵⁰ activities and the intraday market⁶⁵¹ shall be transferred by market participants to the account of the Market Operator at the central settlement institution⁶⁵² through intermediary banks until 15:00 at the latest on the following business day.

(2) The amounts paid by the Market Operator to market participants and that are referred to in the daily advance payment notifications regarding day-ahead market⁶⁵³ activities and the intraday market⁶⁵⁴ shall be transferred from the account of the Market Operator at the central settlement institution⁶⁵⁵ through intermediary banks until 17:00 at the latest on the following business day after deducting the market participants' debts outstanding in markets operated by the Market Operator⁶⁵⁶.

(3)⁶⁵⁷ Payments to the Market Operator by market participants regarding daily advance payment notifications published until 14:30 on the business day before a weekend or a public holiday shall be made until 15:00 at the latest on the first business day following the weekend or the public holiday.

(4) Payments to be made to market participants by the Market Operator regarding daily advance payment notifications published on the business day before the weekend or a public holiday shall be made until 17:00 at the latest on the first business day following the weekend or the public holiday.

(5) Payments to be made to the Market Operator by market participants regarding daily advance payment notifications published on a weekend or a public holiday shall be made until 15:00 at the latest on the second business day following the weekend or the public holiday.

(6) Payments to be made to market participants by the Market Operator regarding daily advance payment notifications published on a weekend or a public holiday shall be made until 17:00 at the latest on the second business day following the weekend or the public holiday.

(7) The receipts issued electronically by the central settlement institution⁶⁵⁸ regarding payments made by the Market Operator and market participants shall serve as payment receipts and the relevant part of the settlement invoice sent to market participants or the Market Operator at the end of the month shall be deemed to have been paid as advance.

(8)⁶⁵⁹ The settlement invoice amounts notified to market participants, advance payments for day-ahead market⁶⁶⁰ and intraday market⁶⁶¹ activities shall be paid to the Market Operator's account at the central settlement institution by the debtor market participants until the sixth business day following the invoice notification date at the latest

⁶⁵⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵¹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁵² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁵⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵⁷ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁶⁵⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁶⁶⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁶¹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

through intermediary banks⁶⁶², provided that the total amount of receivables is deducted from the invoice amount if the same market participant has an invoice for receivables.

(9)^{663,664,665,666} The invoice amounts notified by the market participants to the Market Operator, advance payments for day-ahead market and intraday market activities, and, provided that the total amount of debt is deducted from the invoice amount if the same market participant has an invoice resulting in indebtedness, the payments to be made by the Market Operator to the creditor market participants, shall be made from the Market Operator's account at the central settlement institution through intermediary banks according to the ratio of all amounts collected from the market participants for the relevant billing period to the net receivable amounts until the seventh business day following the invoice notification date at the latest, and by deducting the outstanding indebtedness of the market participant in relation to the markets operated by the Market Operator. If a new collection is made following such payments until the publication of the next pre-settlement notification, these amounts shall also be distributed to the creditor market participants according to the procedure in the first sentence.

(10) The central settlement institution⁶⁶⁷ shall notify market participants of service fees payable by participants in relation to the collateral management and cash clearing service it offers, on a monthly basis. The service fees notified to the market participants by the central settlement institution⁶⁶⁸ shall be paid to the central settlement institution⁶⁶⁹ within six business days following their notification date.

(11)⁶⁷⁰ Market participants shall work with a single intermediary bank for advance and invoice payments made by the central settlement institution, however, they may work with more than one bank for payments to be made to the central settlement institution. Market participants shall notify in writing the central settlement institution of the intermediary bank with which they will work with regarding the advance and invoice payments to be made by the central settlement institution, and shall notify the central settlement institution as soon as possible of any replacement of the bank in question.

(12) In case of an unforeseen malfunctioning of computers, software or technological infrastructure used by the central settlement institution⁶⁷¹ and the intermediary institutions for collaterals and advance/invoice payments, where it becomes evident that the procedures to be completed pursuant to this Regulation cannot be completed at the specified time, the intermediary bank shall immediately notify the central settlement institution⁶⁷²; and the central settlement institution⁶⁷³ shall in turn notify the Market Operator. In this case, the Market Operator shall designate new time periods for the completion of these procedures and shall notify the market participants of this development.

⁶⁶² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁶³ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁶⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 February 2023 and numbered 32118.

⁶⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 February 2023 and numbered 32118.

⁶⁶⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁶⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁶⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁷¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁷² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁷³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

(13) The penalties to be imposed in the event of failure by the central settlement institution⁶⁷⁴, intermediary banks and the Market Operator to fulfill their obligations regarding the collateral and payment transactions due to the reasons stated in paragraph 12 of this Article shall be included in the agreements made between the related parties.

(14)^{675,676} Receivables and debts shall be automatically cleared following the issuance of the invoice-based settlement notifications for both the creditor and debtor market participants regarding the relevant settlement period and notification of the invoice for receivables to the Market Operator.

(15)⁶⁷⁷ In the event that the advance receivables of the market participants are blocked in accordance with the provisions of the Unrequited Market Transactions Procedure, these net advance receivables shall be cleared and offset by the market operator against the relevant month's invoiced debt.

(16)^{678, 679} Matters regarding transactions including blocking by the Market Operator of advance receivables arising from closing of long and/or short positions in the day-ahead market and/or the intra-day market on behalf of defaulting market participants whose delivery period have commenced and payment of advance debts, shall be regulated under the VEP Procedures and Principles.

(17)⁶⁸⁰ If it is determined that assigned supply companies fail to timely and/or fully or partially make the payments required to be made to unlicensed generators within the scope of the Regulation on Unlicensed Electricity Generation in the Electricity Market published in the Official Gazette dated 12/05/2019 and numbered 30772, the procedures and principles regarding other measures to be implemented in order to procure timely payment of such amounts, including blocking of advance receivables, shall be designated by the Board.

Non-payment of advances

ARTICLE 132/D⁶⁸¹ - (1) If a market participant does not make the advance payments for the day-ahead market and intraday market activities⁶⁸² until 15:00 at the latest on the business day following the notification date⁶⁸³, that market participant shall be deemed to have defaulted.

(2)^{684,685,686} If the cash collateral in TRY exceeding the amount in the current account of the market participant and/or the amount required pursuant to the Collateral Procedures and Principles is sufficient to cover the debt of the participant pertaining to the relevant advance notification, the advance debt of the participant shall be automatically covered from these amounts and the participant shall not default.

⁶⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁷⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 3 March 2012 and numbered 28222.

⁶⁷⁶ Amended pursuant to the Regulation published in the Official Gazette dated 5 January 2013 and numbered 28519.

⁶⁷⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁷⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁶⁸⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 15 June 2022 and numbered 31867.

⁶⁸¹ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁶⁸² Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁸³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 3 March 2012 and numbered 28222.

⁶⁸⁵ Amended pursuant to the Regulation published in the Official Gazette dated 5 January 2013 and numbered 28519.

⁶⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

(3) In the event of non-payment by the market participant of the advance amount for its day-ahead market and intraday market activities⁶⁸⁷ within the time period in question and if the relevant amount cannot be covered from the collateral of the participant exceeding the required amount and/or the money in the current account of the market participant⁶⁸⁸, default interest shall be charged to the amount payable. The default interest rate charged to the participant shall be 50% of the interest rate determined pursuant to Article 51 of the Law on the Procedure for the Collection of Public Receivables no.6183 for payments after 15:00 of the business day following the notification date⁶⁸⁹, and the interest rate determined pursuant to the same Article for payments after 17:00 of the business day following the notification date⁶⁹⁰. The charges related to the default interest shall be specified as overdue fines in the settlement notice pertaining to the relevant month and shall be reflected in the invoice issued to the Market Operator at the end of each month⁶⁹¹.

(4)⁶⁹² In case the total amount difference between the default interest paid by the market participants to the Market Operator and the default interest paid by the Market Operator to the market participants results in revenue, this shall be distributed to other market participants at the end of the month based on the zero balance adjustment coefficient rate.

(5) In the event of non-payment by the Market Operator of the advance amount payable to the market participants for the day-ahead market and intraday market activities⁶⁹³ until 17:00 at the latest in the relevant day, default interest shall be charged to the amount payable. The default interest rate shall be the interest rate determined in accordance with Article 51 of the Law on the Procedure for the Collection of Public Receivables. The charges related to the default interest shall be invoiced to the Market Operator at the end of each month. This provision shall not be applicable to the advance amounts blocked pursuant to the VEP Procedures and Principles⁶⁹⁴ and the Unilateral Market Transaction Procedure.⁶⁹⁵

(6) In case a market participant does not make the advance payment for the day-ahead market and intraday market activities⁶⁹⁶ until 15:00 at the latest and the relevant amount cannot be compensated by the cash collateral of that participant exceeding its total collateral, the collateral of the participant shall be offset against its debt without the need to serve a notice.

(7)⁶⁹⁷ The Market Operator shall, until 16:00 at the latest, notify the market participant to restore its collateral used for outstanding advance payments to the required collateral amount and to restore its required total collateral amount pursuant to the provisions of the Collateral Procedures and Principles in relation to procedures regarding collateral transactions.

⁶⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁸⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁸⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁹¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁹² Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁶⁹³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁹⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁶⁹⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁶⁹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

(8)^{698,699} In the event that the market participant does not restore its collateral amount on time despite warning, the provisions of the Collateral Procedures and Principles regarding collateral transactions shall be applied to the relevant market participant in relation to the relevant market activity.

(9) No default interest shall be charged to the Market Operator or a market participant, in case of an unforeseeable malfunctioning of computers, software or technological infrastructure used by the Market Operator and/or the central settlement institution⁷⁰⁰, resulting in a failure of performance of obligations pertaining to payments and collateral within the periods set forth under Article 132/Ç, provided that the malfunction related to the central settlement institution⁷⁰¹ is reported to the Market Operator with valid grounds justifying same.

(10) The minimum principal amount and default interest applicable to a market participant shall be announced by the Market Operator through the MMS. No default penalty shall be imposed on amounts below the minimum principal amount.

(11)⁷⁰² If deemed necessary by the Board, assigned supply companies may refrain from paying the amounts stated in the advance payment notifications specified in the first paragraph of Article 132/Ç in full or in part, for the category formed within the scope of sub-paragraphs (a), (b), (c) and (ç) of the second paragraph of Article 17, during the time period designated by the Board. As for the unpaid advance payments that fall within this scope:

(a) The outstanding amounts pertaining to the relevant billing period shall be paid until the invoice deadline,

(b) Default interest shall be charged to the outstanding amounts. Default interest rate shall be the interest rate to be determined in accordance with Article 51 of the Law No. 6183,

(c) The sixth paragraph of this article shall not apply until the payment deadline pertaining to the relevant billing period.

Non-payment of invoices

ARTICLE 132/E^{703,704}– (1) In the event of non-payment by the market participant of its net debt arising from the invoice within six business days following the relevant invoice notification date, default interest shall be charged to the amount payable. The default interest rate is the interest rate determined in accordance with Article 51 of the Law on the Procedure for the Collection of Public Receivables. The monthly aggregate of the default interest calculated daily by the central settlement institution⁷⁰⁵ shall be taken as basis for the invoice. The charges related to the default interest shall be specified as overdue fines in the settlement notification pertaining to the relevant month, and shall be reflected in the invoice issued to the relevant market participant at the end of each month.

⁶⁹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁶⁹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷⁰⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁰¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁰² Inserted pursuant to the Regulation published in the Official Gazette dated 1 July 2022 and numbered 31883.

⁷⁰³ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁷⁰⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁰⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

(2)⁷⁰⁶ If the cash collateral in TRY exceeding the amount in the current account of the market participant, the amount required pursuant to the Collateral Procedures and Principles⁷⁰⁷ and VEP Procedures and Principles is sufficient to cover the debt of the participant pertaining to the relevant invoice notification, the debt of the relevant participant shall be automatically compensated by these amounts, and the participant shall not default.

(3) In the event of non-payment by the Market Operator of the invoice amount payable to market participants within seven business days following the invoice notification date, default interest shall be charged to the amount payable. The default interest rate shall be the interest rate determined in accordance with Article 51 of the Law on the Procedure for the Collection of Public Receivables. The charges related to the default interest shall be specified as overdue fines in the settlement notification pertaining to the relevant month and shall be reflected in the invoice issued to the Market Operator at the end of each month.

(4) In the event of non-payment by the market participant of the relevant invoice amount within six business days following the invoice notification date, the market participant shall be deemed to have defaulted without further notice being necessary. The following actions shall be taken with respect to the defaulting market participant without prejudice to legal remedies available:

a)⁷⁰⁸ The amount of the collateral deposited by the market participant pursuant to the Collateral Procedures and Principles equal to the debt in default shall be offset against its debt by the central settlement institution or the Market Operator. If the entire debt amount cannot be compensated through the collateral provided pursuant to the Collateral Procedures and Principles, it shall be compensated by the collateral provided by the relevant market participant as per the VEP Procedures and Principles.

b)^{709, 710, 711} If the invoice of the market participant is partially or completely covered by the collateral provided pursuant to the Collateral Procedures and Principles, the relevant market participant shall be requested to replenish its required total collateral amount until 11.00 of the same day.

c)⁷¹² If a market participant does not provide the required collateral despite being called to do so pursuant to Collateral Procedures and Principles⁷¹³ and/or if a market participant in default replenishes its collateral without paying its debt in default, such participant cannot resume its activities within the day-ahead market or the intraday market.

(5) Despite the notification made in accordance with section (b) of the fourth paragraph, in the event that the market participant does not meet the required collateral amount⁷¹⁴ pursuant to the Collateral Procedures and Principles⁷¹⁵ at the collateral control performed at 11.00 for three consecutive business days following its default, the following actions shall be taken:

⁷⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁷⁰⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷¹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

⁷¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷¹² Amended pursuant to the Regulation published in the Official Gazette dated 09 August 2019 and numbered 30857.

⁷¹³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷¹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

a) Notice shall be served by the Market Operator to the relevant distribution company if it is connected to the system through distribution network, the relevant distribution license holder Organised Industrial Zone and⁷¹⁶ if connected through transmission, to TEİAŞ, for the purpose of disconnecting the participant from the network together with all settlement supply/draw units in the participant's portfolio other than eligible consumers in the portfolio of the market participant that do not belong to its own legal entity and captive consumers supplied energy by the relevant assigned supply company.

b)⁷¹⁷

c)⁷¹⁸

ç)^{719,720,721,722} The records of all eligible consumers registered to the Market Management System on behalf of the market participant shall be deleted effective as of the first business day on which the collateral amount of the participant has not met the required collateral amount as of 11.00 o'clock. The Market Operator shall inform TEİAŞ, the relevant distribution license holder entity, the relevant assigned supply company, and the relevant assigned supply company or the Organised Industrial Zone shall in turn inform the eligible consumers of this measure having been taken within two business days. The foregoing transaction shall be announced on the market operator's website. Said market participant shall be prohibited from registering an eligible consumer into its portfolio for the three billing periods following fulfilment of all of its financial obligations towards the market operator. The market participant shall be promptly notified to the Authority and Article 16 of the Law shall be applied.

d)^{723,724,725} The energy volume received as an imbalance by the relevant supply company due to the withdrawals of eligible consumers who are allocated to the portfolio of the assigned supply company or consumers who will supply energy under the relevant distribution license holder Organised Industrial Zone shall be appraised over the market clearing price for the determined settlement periods from the date of allocation to the portfolio to and including the second business day following the notice served by the Market Operator to the relevant distribution company or TEİAŞ.

e)⁷²⁶ The remaining portion of the collateral exceeding all debts payable as of the end of the appeal period set forth under the fifth paragraph of Article 133 shall be refunded to the market participant upon request.

f)⁷²⁷ In the event that the collateral amount⁷²⁸ provided within the scope of the Collateral Procedures and Principles does not cover all outstanding debts of the market participant to the Market Operator, the shortfall amount shall be reimbursed from the other market participants as receivables' share at the rate of the zero balance adjustment coefficient. Said market participant shall be prohibited from registering an eligible

⁷¹⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷¹⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁷¹⁸ Repealed pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷¹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷²⁰ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁷²¹ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁷²² Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

⁷²³ Amended pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷²⁴ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁷²⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

⁷²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁷²⁷ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁷²⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

consumer into its portfolio for the three billing periods following fulfilment of all of its financial obligations towards the market operator. The market participant shall be promptly notified to the Authority and Article 16 of the Law shall be applied.

g) The calculation of default interest shall proceed for receivables exceeding the collateral amount⁷²⁹ provided within the scope of the Collateral Procedures and Principles and legal action shall be taken for collection.

ğ) In the event that the outstanding receivables⁷³⁰ reimbursed from other market participants are collected at a future date, the collected amount shall be returned to the market participants to whom the debt has been reflected, at the debt allocation rate.

h)⁷³¹

ı)⁷³² If the market participant is the balancing responsible party of a balancing responsible group, the balancing responsible group shall be disbanded effective from the billing period in which the balancing responsible party has gone into default. The collateral calculation for the party of the balancing responsible group and other participants in the group shall be made in line with the provisions of the Collateral Procedures and Principles regarding the recalculation of collateral, following the disbanding of the balancing responsible group.

ı)⁷³³ Eligible consumer demands made by a market participant in relation to all billing periods following the first billing period in which the eligible consumer records have been erased as per section (ç), and whose eligible consumer lists have not been finalised, shall be revoked. It shall not be permitted to make an eligible consumer demand during the period in which the collateral level is below the required collateral amount.

j)⁷³⁴ All market participants shall be notified through the MMS regarding the market participant to whom the relevant proceedings within the scope of this provision have been applied.

k)⁷³⁵ It shall not be permitted to operate in the power futures market and the default management provisions shall be applicable pursuant to the VEP Procedures and Principles.

(6) No default interest shall be charged to the Market Operator or a market participant, in case of an unforeseeable malfunctioning of computers, software or technological infrastructure used by the Market Operator and/or the central settlement institution⁷³⁶, resulting in a failure of performance of obligations pertaining to payments and collateral within the periods set forth under Article 132/Ç, provided that the malfunction related to the central settlement institution⁷³⁷ is reported to the Market Operator with valid grounds justifying same.

(7) The minimum default base and default interest applicable to the market participant shall be announced by the Market Operator via the MMS. No default penalty shall be imposed on amounts below the minimum default base.

⁷²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷³⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷³¹ Repealed pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁷³² Inserted pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷³³ Inserted pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷³⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁷³⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷³⁶ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷³⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

Non-payment of service commission fees to the central settlement institution⁷³⁸

ARTICLE 132/F⁷³⁹ - If a market participant does not pay the monthly service commission within six business days following the date of notification, the provisions to be applied shall be set forth under the central settlement institution⁷⁴⁰ participant agreement signed between the market participant and the central settlement institution⁷⁴¹.

Provisions applicable to license cancellation or expiration⁷⁴²

ARTICLE 132/G⁷⁴³ - (1) In the event of cancellation or expiration of the market participant's license, the following shall apply:

a) Access to organized wholesale electricity markets shall be restricted. Bids without commercial transaction approvals shall be canceled. All notifications of settlement bilateral agreements, whether as a buyer or seller, shall be canceled and the counterparties shall be informed. Open positions in the power futures market shall be closed in accordance with the relevant legislation.

b) Notice shall be served by the Market Operator to the relevant distribution company if it is connected to the system through distribution network, the relevant distribution license holder Organised Industrial Zone and⁷⁴⁴ if connected through transmission, to TEİAŞ, for the purpose of disconnecting the participant from the network together with all settlement supply/draw units in the participant's portfolio other than consumers in the portfolio of the market participant.

c)⁷⁴⁵ The records of all eligible consumers registered to the MMS on behalf of the market participant shall be deleted effective as of;

1) The automatic date of automatic expiry of the license,

2) The date on which the Board Decision regarding the revocation of the license or termination of the license upon the request of the market participant is notified to the market operator;

and TEİAŞ, the relevant distribution license holder legal entity and the relevant assigned supply company shall be informed by the Market Operator, and the eligible consumer shall be informed by the relevant assigned supply company or OIZ regarding such procedure within two business days. The participant's eligible consumer demands regarding the next billing period, if any, shall be deleted.

ç)⁷⁴⁶ The volume of energy received by the assigned supply company as an imbalance due to the withdrawals made by eligible consumers included in the portfolio of the assigned supply company or from the relevant distribution license holder OIZ shall be appraised from the date of allocation to the portfolio, including the second business day following the notification by the Market Operator to the relevant distribution company or TEİAŞ. The said appraisal shall be based on market clearing prices determined for the settlement periods from the date of allocation to the portfolio of the energy imbalances occurring due

⁷³⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷³⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁷⁴⁰ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁴¹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁴² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁴³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁴⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 16 May 2017 and numbered 30068.

⁷⁴⁵ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

⁷⁴⁶ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

to the withdrawals of the eligible consumers removed from portfolios of market participants with expired or revoked licenses, and until the deletion of records.

d)^{747, 748} Electricity supplied to the transmission or distribution system by generation facilities or electricity storage units or facilities in the portfolio of the market participant in question shall not be taken into account in settlement calculations pertaining to periods after the expiration of the license or the notification of the revocation decision. No collection or payment shall be made by the Market Operator regarding the volume of electricity supplied to the transmission or distribution system. The volume of electricity drawn by the generation facility or electricity storage units or facilities from the transmission or distribution system shall be accounted for within the framework of the provisions of the relevant legislation on irregular electricity consumption.

e) If the market participant in question is the balancing responsible party of a balancing responsible group, the balancing responsible group shall be disbanded to be effective from the beginning of the relevant billing period. The collateral calculations for the balancing responsible group party and other participants in the group shall be made in accordance with the provisions of the Collateral Procedures and Principles regarding the recalculation of collaterals, following the disbanding of the balancing responsible group.

(2) The provisions of this Regulation and the relevant legislation regarding settlement procedures, collaterals, advances and invoice payments shall remain applicable to market participants with expired or revoked licenses.

(3) Sanctions shall be imposed in accordance with Article 16 of the Law against market participants who are found to have participated in transactions in organized wholesale electricity markets, made settlement bilateral agreement notifications or eligible consumer demands after the expiration date of their licenses or the notification date of their revocation.

CHAPTER FOUR⁷⁴⁹

Power Futures Market Settlement Notifications, Invoicing, Payments and Failure to Make Payments⁷⁵⁰

Power futures market settlement notifications⁷⁵¹

ARTICLE 132/Ġ⁷⁵² - (1) The pre-settlement notifications specifying the amounts to be paid to the Market Operator by the market participants or the amounts to be paid to the market participants by the Market Operator for each billing period as a result of the settlement calculations shall be announced to the relevant market participants via the MMS on the eleventh day of the month following the billing period at the latest. The final settlement notifications shall be announced on the fifteenth day of the month following the billing period, and if the fifteenth day of the month coincides with a weekend or a public holiday, the business day following the end of the weekend or public holiday.

⁷⁴⁷ Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

⁷⁴⁸ Amended pursuant to the Regulation published in the Official Gazette dated 19 November 2022 and numbered 32018.

⁷⁴⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵¹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

(2) The pre-settlement notifications announced by the Market Operator to market participants in relation to the power futures market shall include at least the following information:

- a) Electricity volume and receivable breakdown of the sales of the participant in the power futures market;
- b) Electricity volume and debt breakdown of the purchases of the participant in the power futures market;
- c) Late payment fees related to invoice payments;
- ç) Market operating fee to be collected from the participant.

(3) The final settlement notifications announced by the Market Operator to market participants in relation to the power futures market shall include at least following information:

- a) Electricity volume and receivable breakdown of the sales of the participant in the power futures market;
- b) Electricity volume and debt breakdown of the purchases of the participant in the power futures market;
- c) Late payment fees related to invoice payments;
- ç) Market operating fee to be collected from the participant;
- d) Default collateral account contribution share;
- e) Default collateral account late payment fees;
- f) Corrections.

Power futures market invoicing⁷⁵³

ARTICLE 132/H⁷⁵⁴ - (1) The Market Operator shall issue invoices to the relevant market participants via the MMS within seven days from the announcement date of the final settlement notification, in accordance with the amounts set out in the valid final settlement notification. The final settlement publication date in the MMS shall be accepted as the invoice notification date.

(2) One invoice shall be issued for the power futures market settlement and the invoices of market participants engaged in the relevant market activity shall be sent by the Market Operator.

(3) The Market Operator shall notify the central settlement institution of the debt/receivable information of the relevant market participants based on the invoices issued for their activities from the announcement date of the final settlement notification to the relevant participants via the MMS.

(4) Market participants to be paid shall send the invoice for the electricity market settlement to the Market Operator within seven days from the announcement date of the final settlement notification to the relevant market participants via the MMS, in accordance with the amounts set out in the valid final settlement notification.

(5) If the amounts calculated according to the final settlement results are below the waiver limit for accruals published annually by the Ministry of Treasury and Finance pursuant to the Tax Procedure Law No. 213, the amounts accrued up to this limit may be excluded from the final settlement notification. The total amount of these settlement amounts shall be included in the final settlement notification in the month in which they

⁷⁵³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

reach the waiver limit for accrual within the year and an invoice shall be issued accordingly. If this limit is not reached within a year, the total amount shall be included in the final settlement notification at the end of the year and an invoice shall be issued accordingly. The waiver limit for accrual shall be announced by the Market Operator every year.

Payments and collections regarding the power futures market

ARTICLE 132/I⁷⁵⁵ - (1) The settlement invoice amounts notified to market participants shall be paid to the Market Operator's account at the central settlement institution by debtor market participants through intermediary banks until the sixth business day following the invoice notification date at the latest, provided that the total amount of receivables is deducted from the invoice amount if the same market participant also has invoiced receivables.

(2)⁷⁵⁶ The invoice amounts notified by the market participants to the Market Operator and, provided that the total amount of debt is deducted from the invoice amount if the same market participant has an invoice resulting in indebtedness, the payments to be made by the Market Operator to the creditor market participants, shall be made from the Market Operator's account at the central settlement institution through intermediary banks according to the ratio of all amounts collected from market participants for the relevant billing period to the net receivable amounts until the seventh business day following the invoice notification date at the latest, and by deducting the outstanding indebtedness of the market participant in relation to the markets operated by the Market Operator. If a new collection is made following such payments until the publication of the next pre-settlement notification, these amounts shall also be distributed to the creditor market participants according to the procedure in the first sentence.

(3) The central settlement institution shall notify the market participants of service fees payable by the participants in relation to the collateral management and cash clearing service it offers, on a monthly basis. The service fees notified to the market participants by the central settlement institution shall be paid to the central settlement institution within six business days following their notification date.

(4) Market participants shall work with a single intermediary bank for the invoice payments made by the central settlement institution, however, they may work with more than one bank for the payments made to the central settlement institution. Market participants shall notify in writing the central settlement institution of the intermediary bank with which they will work regarding the invoice payments to be made by the central settlement institution, and shall notify the central settlement institution as soon as possible of any replacement of the bank in question.

(5) In case of an unforeseen malfunctioning of computers, software or technological infrastructure used by the central settlement institution⁷⁵⁷ and the intermediary institutions for collaterals and invoice payments, where it becomes evident that the procedures to be completed pursuant to this Regulation cannot be completed at the specified time, the intermediary bank shall immediately notify the central settlement institution⁷⁵⁸; and the central settlement institution⁷⁵⁹ shall in turn notify the Market Operator. In this case, the

⁷⁵⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵⁶ Amended pursuant to the Regulation published in the Official Gazette dated 28 February 2023 and numbered 32118.

⁷⁵⁷ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵⁸ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁵⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

Market Operator shall designate new time periods for the completion of these procedures and shall notify the market participants of this development.

(6) The penalties to be imposed in the event of failure by the central settlement institution, intermediary banks and the Market Operator to fulfill their obligations regarding the collateral and payment transactions due to the reasons stated in the fifth paragraph of this Article shall be included in the agreements made between the related parties.

(7) The receivables and debts shall be off-set automatically following the issuance of invoice-based settlement notifications for both the creditor and the debtor market participants regarding the relevant settlement period and the notification of the receivable invoice to the Market Operator.

Non-payment of power futures market invoices⁷⁶⁰

ARTICLE 132/İ⁷⁶¹ - (1) In the event of non-payment by the market participant of its net debt arising from the invoice within six business days following the relevant invoice notification date, default interest shall be charged to the amount payable. The default interest rate shall be the interest rate determined in accordance with Article 51 of the Law on the Procedure for the Collection of Public Receivables. The monthly aggregate of the default interest calculated daily by the central settlement institution shall be taken as basis for the invoice. The charges related to default interest shall be specified as overdue fines in the settlement notification pertaining to the relevant month, and shall be reflected to the invoice issued to the relevant market participant at the end of each month.

(2)⁷⁶² If the money in the current account of the market participant, its collateral in cash in TRY exceeding the required amount to be provided pursuant to the VEP Procedures and Principles and/or cash surplus in TRY in its default collateral account contribution share is sufficient to cover the debt of the participant pertaining to the relevant invoice notification, the debt of the participant shall be automatically compensated by these amounts and the participant shall not default.

(3) In the event of non-payment by the Market Operator of the invoice amount payable to the market participants within seven business days following the invoice notification date, default interest shall be charged to the amount payable. The default interest rate shall be the interest rate determined in accordance with Article 51 of the Law on the Procedure for the Collection of Public Receivables. The charges related to the default interest shall be specified as overdue fines in the settlement notification pertaining to the relevant month and shall be reflected to the invoice issued to the Market Operator at the end of each month.

(4) In the event of non-payment by the market participant of the relevant invoice amount within six business days following the invoice notification date, the market participant shall be deemed to have defaulted without further notice being necessary. Without prejudice to legal remedies available, the amounts below shall be called upon for collection of invoice payables of the defaulting market participant, in the following order:

⁷⁶⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁶¹ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁶² Amended pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

a) The amount in the current account of the market participant, its collateral exceeding the required amount to be provided pursuant to the VEP Procedures and Principles and its default collateral account contribution share surplus;

b) Total coverage amount submitted in accordance with the VEP Procedures and Principles;

c) The amount of cash collateral exceeding the total required pursuant to the Collateral Procedures and Principles;

ç) The default collateral account contribution share of the defaulting market participant;

d) The default management contribution amount of the Market Operator;

e) The default collateral account contribution amounts of other market participants;

f) The collateral amount provided pursuant to the Collateral Procedures and Principles;

g) The recollected contribution shares following the call to replenish the default collateral account.

(5) If the invoice payment of the market participant is partially or completely covered by the collateral provided pursuant to the VEP Procedures and Principles, the relevant market participant shall be requested to replenish its required total collateral amount until 12.00 of the same day. If the market participant does not provide the required collateral pursuant to the VEP Procedures and Principles, said participant cannot resume its activities within the power futures market. Its open positions within the power futures market shall be closed pursuant to the VEP Procedures and Principles.

(6) The default status control set forth under the VEP Procedures and Principles shall be applicable for market participants whose default collateral account contribution amounts have been used within the scope of default management. The open positions of market participants who are found to be in default due to failure to fulfill their default collateral account contribution obligations within the time period set forth under the VEP Procedures and Principles shall be closed in accordance with the relevant provisions of the VEP Procedures and Principles and these participants shall not be allowed to continue their activities within the scope of the power futures market.

(7) If a market participant who has caused the utilization of the default management contribution amount of the Market Operator and/or the default collateral account contribution shares of other market participants due to having gone into power futures market invoice default does not replenish the funds in question until 12.00 on the third business day following the invoice deadline, the following shall apply:

a) The defaulting market participant shall not be allowed to continue its activities within the scope of day-ahead market, the intraday market and the power futures market.

b) It shall not be allowed to enter into a settlement bilateral agreement notification as seller, the forward-looking bilateral agreement notifications for sale shall be canceled and the relevant parties shall be informed via the MMS.

c) The provisions of sections (a), (b), (ç), (d), (i), (j)⁷⁶³ and (k) of the fifth paragraph of Article 132/E shall be applied.

ç) Eligible consumer demands made by the market participant in relation to all billing periods following the first billing period in which the eligible consumer records have been deleted, and whose eligible consumer lists have not been finalised, shall be revoked. It shall

⁷⁶³ Inserted pursuant to the Regulation published in the Official Gazette dated 9 May 2021 and numbered 31479.

not be permitted to make an eligible consumer demand for the period in which it has not satisfied its financial obligations to the Market Operator.

(8) In the event that the amounts used from the default collateral account within the scope of sections (d), (e) and (g) of the fourth paragraph are collected from the relevant market participant in default, these amounts shall be transferred in the amounts used to the following amounts respectively:

a) The relevant account of other market participants whose default collateral account contributions have been used,

b) The default management contribution amount of the Market Operator.

(9) In case of an unforeseen malfunctioning of computers, software or technological infrastructure used by the central settlement institution⁷⁶⁴ and the intermediary institutions for collaterals and payments, where it becomes evident that the procedures to be completed pursuant to Article 132/I of this Regulation cannot be completed at the specified time, and the Market Operator is notified. Default interest shall not be incurred by the Market operator or market participants.

(10) The minimum default base and default interest applicable to the market participant shall be announced by the Market Operator via the MMS. No default penalty shall be imposed on amounts below the minimum default base.

CHAPTER FIVE⁷⁶⁵

Appeals and Corrections

Appeals

ARTICLE 133⁷⁶⁶ - (1)⁷⁶⁷ Market participants may object to the settlement notifications or invoices pertaining to the billing period. If the invoice appeal applications are related to the supply/draw measurement values, they shall be made in writing to the relevant units of TEİAŞ or the relevant distribution license holder legal entity and if related to the LÜYTOB value calculated in accordance with the Regulation on the Certification and Support of Renewable Energy Resources, they shall be made to the relevant assigned supply company in writing within 60 days from the invoice notification date. Other appeals shall be made to the Market Operator in writing within 60 days from the invoice notification date. It is mandatory to state the grounds for appeal in appeal applications.

(2) The appeals made by the market participants to the settlement notifications and/or invoices does not eliminate their payment obligations.

(3)^{768, 769} If the appeal is related to the supply/draw measurement values or the total consumption values of the categories created in accordance with the second paragraph of Article 17 or LÜYTOB values, the following shall apply:

a)⁷⁷⁰ The relevant units of TEİAŞ or the relevant distribution license holder legal entity shall reach a conclusion on the appeals submitted to it within 15 days and notify the relevant market participant and the Market Operator.

⁷⁶⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁶⁵ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁷⁶⁶ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁷⁶⁷ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

⁷⁶⁸ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁷⁶⁹ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404.

⁷⁷⁰ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

b)^{771, 772} The Market Operator shall finalize the appeals whose results are notified to it in writing or via the MMS by the relevant units of TEİAŞ or the the relevant distribution license holder legal entity within 5 business days and make the necessary correction accordingly. Once the correction is made, it shall be notified to the market participant in writing or via MMS.

c)⁷⁷³ The Market Operator shall make the necessary correction within the scope of Article 134, in accordance with the results notified to it in writing or via the MMS regarding the LÜYTOB values by the assigned supply companies. The correction made shall be notified to the relevant assigned supply company in writing or via the MMS.

(4) If the appeal has a reason other than the supply/draw measurement values, the following shall apply:

a) Market Operator shall evaluate whether the appeal it has received via the MMS is justified based on the grounds for appeal. In case the appeal is related to the UpReg-DownReg order records, it shall conduct its investigation by contacting the System Operator and in other cases, it shall examine the registration information and settlement calculations.

b)⁷⁷⁴ Appeals in relation to clerical errors shall be concluded immediately by the relevant market participant or the Market Operator, appeals for matters other than clerical errors shall be concluded by the Market Operator within 20 business days and the outcome of the appeal shall be notified to the market participant in writing or via the MMS. If the appeal is justified and/or the Market Operator detects a mistake without an appeal, the necessary correction shall be made.

(5)^{775, 776} Applications for appeal not made in writing within 60 days from the invoice notification date and which pertain to billing periods of no earlier than 12 months prior to the application date shall be evaluated by the Market Operator within 3 months following the application for appeal. The necessary corrections shall be performed if the applications are successful or other errors are detected by the Market Operator. The correction made shall be notified to the market participant in writing or via the MMS.⁷⁷⁷

(6) Disputes regarding the conclusion reached by the Market Operator shall be examined by the Authority upon application by market participants.

Corrections

ARTICLE 134⁷⁷⁸ - (1)⁷⁷⁹ In the event that the appeals submitted by the market participants to the Market Operator regarding the settlement notifications or invoices are found to be justified as a result of evaluation, the necessary corrections shall be made by the Market Operator. Following the outcome of the appeal, the Market Operator shall send a notification to the relevant market participant via the MMS regarding the correction, including detailed electricity volumes and costs. The payment to be made to or by the market participant(s) as a result of the correction shall be set forth under the first pre-

⁷⁷¹ Repealed pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁷⁷² Inserted pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404

⁷⁷³ Amended pursuant to the Regulation published in the Official Gazette dated 19 December 2023 and numbered 32404

⁷⁷⁴ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁷⁷⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁷⁷⁶ Amended pursuant to the Regulation published in the Official Gazette dated 9 August 2019 and numbered 30857.

⁷⁷⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁷⁷⁸ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁷⁹ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

settlement notification following the correction, and shall be included as a retrospective correction item in the relevant invoice notification. The retrospective correction item shall be determined through the re-execution of all imbalance settlement transactions related to the billing period and the evaluation of the effect of error correction on all participants. The residual balance, if any, shall be reflected to the market participants at the zero balance adjustment coefficient rate for the relevant month.

(2) Corrections regarding the appeals made by the Market Operator to the market participants regarding invoices issued to it shall be carried out by the relevant market participant. The invoice sent by the relevant market participant shall be returned alongside the invoice appeal applications made by the Market Operator. The invoice corrected by the relevant market participant shall be re-sent to the Market Operator.

PART EIGHT

Miscellaneous, Provisional and Final Provisions

CHAPTER ONE

Miscellaneous Provisions

Anti-competitive actions and transactions^{780,781}

ARTICLE 135 - (1) The Board shall initiate attempts for any investigation by the Competition Authority regarding legal entities suspected of being involved in anti-competitive actions and transactions in relation to any organized wholesale electricity market activity within the scope of this Regulation, either upon the submission to the Board of a report in relation thereto by the Market Operator and/or the System Operator, or directly *ex officio*.

(2) Price ceilings may be imposed by a Board decision on a participant and/or balancing unit basis for a maximum of 1 year to market participants and/or balancing units who are determined by the Competition Authority to be involved in anti-competitive actions and transactions within the scope of the day-ahead market and balancing power market. The procedures and principles regarding this regulatory intervention shall be set out in the Procedures and Principles Regarding the Determination of Minimum and Maximum Price Limits in the Day-ahead Market and Balancing Power Market.

Data to be submitted to market participants

ARTICLE 136 - (1)^{782,783} The data and information in relation to and supporting the organized wholesale electricity market activities and increasing predictability therein, must be published on the Transparency Platform, which is under the responsibility of the Market Operator. The information and data to be published on the Transparency Platform, their publishing periods and data sharing obligations of relevant license holder legal entities shall be determined by the Procedures and Principles for Ensuring Transparency in Organized Wholesale Electricity Markets, to be prepared by the Authority and to enter into force upon approval by the Board.

⁷⁸⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁷⁸¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁸² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁸³ Amended pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

(2) Matters considered as trade secrets within the scope of the Law on Right to Information No. 4982 dated 9/10/2003 shall be out of the scope of this provision.

Non-fulfillment of obligations

ARTICLE 137 - (1)⁷⁸⁴ If legal entities fail to fulfill their obligations within the scope of this Regulation towards the System Operator or the Market Operator and/or to the central settlement institution⁷⁸⁵ other than the obligations regarding payments and collaterals, the System Operator or the Market Operator shall inform them in writing or via the MMS in order to immediately remedy the violation. If the violation is not remedied within 15 days from the notification date, the System Operator or Market Operator shall apply to the Authority by preparing a report containing the details of the violation.

(2)⁷⁸⁶ In the event that the Authority detects a violation as a result of the inspection performed within the scope of the report sent by the System Operator or the Market Operator and/or within the framework of its findings with respect to the violation of the legislation, it shall impose sanctions on the relevant market participant in accordance with Article 16⁷⁸⁷ of the Law.

Transfer and assignment

ARTICLE 138⁷⁸⁸ - (1) Transfers, assignments and movable pledges⁷⁸⁹ established with respect to obligations under of this Regulation, other than the formation of a Balancing Responsible Group, shall not be enforceable against the Market Operator. The receivables and rights within the scope of this Regulation may only be pledged and⁷⁹⁰ assigned in accordance with the requirements determined by the Market Operator and with the approval of the Market Operator⁷⁹¹.

Notices

ARTICLE 139⁷⁹² - (1) The procedures set forth under the Market Participation Agreement, the Day-ahead Market Participation Agreement and the Intraday Market Participation Agreement⁷⁹³ shall be applicable to all notices and invoices under this Regulation.

Force Majeure

ARTICLE 140 - (1)⁷⁹⁴,⁷⁹⁵ The provisions of this Regulation shall continue to be applicable during events of force majeure set forth under the Electricity Market Licensing

⁷⁸⁴ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁷⁸⁵ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁸⁶ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁷⁸⁷ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁸⁸ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁷⁸⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁹⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁹¹ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁹² Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁹³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁷⁹⁴ Amended pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁷⁹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 28 February 2023 and numbered 32118.

Regulation. However, in case of state of emergency and/or disaster, the Board may adopt decisions on implementation.

Confidentiality

ARTICLE 141 - (1) The Market Operator and/or the System Operator shall be obliged to take the necessary measures to keep the information and documents provided by market participants within the framework of the provisions of this Regulation confidential.

Repealed regulation

ARTICLE 142 - (1) The Electricity Market Balancing and Settlement Regulation published in the Official Gazette dated 3/11/2004 and numbered 25632 has been repealed.

CHAPTER TWO

Provisional and Final Articles

Power plants under Build Operate, Build Operate Transfer and Transfer of Operating Rights models

PROVISIONAL ARTICLE 1 - (1) The registration update procedures regarding the generation facilities that sell electricity to TETAŞ under existing contracts within the scope of the Build Operate, Build Operate Transfer and Transfer of Operating Rights models, including those licensed under the provisional article 12 of the Law⁷⁹⁶, shall be carried out by TETAŞ.

(2) The rights and obligations regarding the submission of daily generation schedules and UpReg and DownReg bids of balancing units within this scope and the fulfillment of the works and transactions set out in this Regulation in relation to their participation in the balancing mechanism shall belong to TETAŞ.

(3) The accepted UpReg and DownReg bids of these balancing units, their electricity purchase and sale volumes and their settlement supply/draw volumes shall be recorded in the settlement account of TETAŞ, and the receivables and debts related to these volumes shall be accrued to TETAŞ.

Registration renewal

PROVISIONAL ARTICLE 2 - (1) Registrations of market participants who have registered with the Market Operator within the scope of the provisions of the Electricity Market Balancing and Settlement Regulation published in the Official Gazette dated 3/11/2004 and numbered 25632 shall remain valid. In the event that the necessity to renew their registration arises within the framework of the provisions of this Regulation, the market participants shall provide the necessary information and documents to the Market Operator and complete the renewal process within the scope of the virtual application within two months at the latest from the publication date of this Regulation. The market participants may join a balancing responsible group or change their balancing responsible group following the completion of the registration renewal process.

Commencement of application

⁷⁹⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

PROVISIONAL ARTICLE 3⁷⁹⁷ - (1) Applications pursuant to this Regulation shall be carried out within the scope of the virtual application until 00:00 on 1/12/2009 without resulting in any physical consequences or billing and payment obligations. Within the first two months of the virtual application, the development of the profiling application, the hourly reorganization of bilateral agreements and the necessary infrastructure and capacity development of all participants and distribution license holders shall be completed. Within the last five months of the virtual application, balancing and settlement applications shall be performed virtually without any physical consequences or billing and payment obligations. The duties, responsibilities of the relevant parties and actions to be taken in relation to the virtual application shall be announced to all relevant parties by TEİAŞ until the completion of registration renewal process.

(2)⁷⁹⁸ The enforcement of the Regulation referred to under Article 142 shall continue until 1/12/2009.

(3) Settlement and invoicing transactions made within the scope of the Regulation referred to under Article 142, and appeals to such proceedings shall be concluded pursuant to said Regulation.

Collateral and advance payments^{799,800}

PROVISIONAL ARTICLE 4 - (1) A market participants' failure to provide collaterals until the infrastructure of the collateral mechanism is established and becomes operational shall not prevent them from participating in the relevant organized wholesale electricity market activities. Failure to provide collaterals shall not relieve market participants and balancing responsible parties of payment obligations regarding their activities within the scope of this Regulation. Works on the establishment and commissioning of the infrastructure of the collateral and advance payment mechanism shall be completed until 28/2/2011⁸⁰¹. The collateral and advance payment mechanism shall come into effect simultaneously with the activation of the day-ahead market.

(2)⁸⁰² Market participants shall be required to provide minimum collateral within the first four days of the implementation of the collateral mechanism.

(3)⁸⁰³ The provisions of Article 129 shall not be enforced until the invoice notification date for the first billing period following the date of implementation of the collateral mechanism.

Day-ahead planning⁸⁰⁴

PROVISIONAL ARTICLE 5⁸⁰⁵

Meter locations of balancing units

⁷⁹⁷ Amended pursuant to the Regulation published in the Official Gazette dated 1 October 2009 and numbered 27363.

⁷⁹⁸ Amended pursuant to the Regulation published in the Official Gazette dated 1 October 2009 and numbered 27363.

⁷⁹⁹ Amended pursuant to the Regulation published in the Official Gazette dated 17 April 2010 and numbered 27555.

⁸⁰⁰ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸⁰¹ Inserted pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

⁸⁰² Inserted pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

⁸⁰³ Inserted pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

⁸⁰⁴ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸⁰⁵ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

PROVISIONAL ARTICLE 6⁸⁰⁶ - (1) The balancing units with meters that are not located at places enabling independent measurement of the relevant balancing unit as of the date of publication of this Regulation must change their meter locations until 31/12/2010 within the framework of the provisions of the relevant legislation, and in a way that the relevant balancing unit can be measured independently in order to continue their activities as balancing units. Generation facilities that do not change their meter locations within the specified period may only continue their activities as settlement supply/draw units from 31/12/2010.

Determination of bidding zones

PROVISIONAL ARTICLE 7 - (1) In the event that the System Operator requires the management of the transmission restrictions based on the day-ahead market for the first time, it is essential that the bidding zones to be valid in the Day-ahead Market shall be determined and announced by the System Operator to the Market Operator and market participants at least 6 months before the entry into force of this practice.

Installation of the Automatic Meter Reading System (OSOS)

PROVISIONAL ARTICLE 8^{807,808} - (1) TEİAŞ and distribution companies shall complete the works for establishment of OSOS until 1/10/2012⁸⁰⁹. If the OSOS installation procedure cannot be completed until the end of this period, the provisions set forth under the sixth and seventh paragraphs of Article 81 of this Regulation shall be applied in determining the settlement supply/draw volumes, without prejudice to the obligation regarding OSOS installation.

Procedures and principles regarding the determination of bidding zones

PROVISIONAL ARTICLE 9⁸¹⁰ - (1) Procedures and principles regarding the determination of bidding regions shall be determined by TEİAŞ, and proposed to the Authority until 1/6/2010.

Calculation procedure for loss coefficients

PROVISIONAL ARTICLE 10^{811,812} -

Principles regarding the determination of label values and calculation of the system marginal price within the scope of the balancing power market⁸¹³

PROVISIONAL ARTICLE 11 - (1) The Procedure for the Determination of Label Values and Calculation of the System Marginal Price within the scope of the Balancing

⁸⁰⁶ Amended pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸⁰⁷ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁸⁰⁸ Amended pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁸⁰⁹ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁸¹⁰ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁸¹¹ Amended pursuant to the Regulation published in the Official Gazette dated 26 November 2009 and numbered 27418 (*bis*).

⁸¹² Repealed pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

⁸¹³ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

Power Market published by the Authority with the approval of the Chairman shall be announced to the market participants via the Authority's website until 1 December 2011 at the latest.

OSOS registrations of existing meters⁸¹⁴

PROVISIONAL ARTICLE 12⁸¹⁵ - (1) Following the activation of the OSOS system by the relevant distribution company, legal entities responsible for the meters that have been registered on the relevant date, but are included within the scope of OSOS pursuant to Procedures and Principles Regarding the Scope of the Automatic Meter Reading Systems and Determination of Meter Values shall be granted three months following the notification of the aforementioned circumstances to fulfill their duties and responsibilities pursuant to these procedures and principles. At the end of this period, the necessary tests shall be carried out by the distribution company to connect the meters with the OSOS. Tests of the remote communication equipment to be placed on the meters pursuant to the Procedures and Principles Regarding the Scope of the Automatic Meter Reading Systems and Determination of Meter Values for meters included in the scope of OSOS in accordance with these procedures and principles shall also be carried out at the same time.

(2) Three months shall be granted to the relevant parties to fulfill their duties and responsibilities determined pursuant to Procedures and Principles Regarding the Scope of the Automatic Meter Reading Systems and Determination of Meter Values for meters that have been registered and are required to be included in the OSOS system that are established by TEİAŞ. The necessary tests shall be carried out by TEİAŞ at the end of this period to connect to OSOS. If the tests in question are not successful, registrations of meters which cannot be included in the OSOS system shall be deleted.

Meter registrations during the period prior to the installation of OSOS⁸¹⁶

PROVISIONAL ARTICLE 13 - (1) If OSOS, which shall be established and operated by the distribution company is not installed, the determination of whether the party responsible for providing the remote communication equipment to be placed on the meter in accordance with the Procedures and Principles Regarding the Scope of the Automatic Meter Reading Systems and Determination of Meter Values has fulfilled this responsibility shall be made during the tests that shall be carried out following the installation of OSOS to establish connection with OSOS. The first index determination protocol and the test report of the measurement systems shall be considered to be sufficient in the meter registrations made until the establishment of OSOS.

(2) A retail license holder distribution company wishing to sell electricity to eligible consumers in its region through a bilateral agreement, save for the retail sale tariffs approved by the Board within the scope of retail sale agreements, shall apply to the Market Operator until 30/11/2010 to register the settlement supply/draw units for the consumers it procures electricity to in this manner as required pursuant to Article 30/A. The Market

⁸¹⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸¹⁵ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁸¹⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

Operator shall complete the registrations regarding the aforementioned applications until 30/4/2011.

Risk Coefficient⁸¹⁷

PROVISIONAL ARTICLE 14 - (1) The Risk Coefficient valid as of the date of entry into force of this Regulation is 1.5.

Minimum cash collateral amount⁸¹⁸

PROVISIONAL ARTICLE 15⁸¹⁹ - (1)

Letter of guarantee amount

PROVISIONAL ARTICLE 16^{820,821 822} - (1)

Minimum collateral amount calculations⁸²³

PROVISIONAL ARTICLE 17⁸²⁴ - (1) If the market participant is a retail or wholesale license holder legal entity or a generation, Organized Industrial Zone generation, autoproducer or autoproducer group license holder legal entity with a total installed capacity of 1000 MW and above, the fixed collateral amount (STT_1) valid on the effective date of the collateral mechanism, which shall be used in the minimum collateral amount calculations, shall be TRY 200,000.

(2) If the market participant is a generation, Organized Industrial Zone generation, autoproducer or autoproducer group license holder legal entity with a total installed capacity of 50 MW or less, the fixed collateral amount (STT_2) valid on the date of effect of the collateral mechanism, which shall be used in the minimum collateral amount calculations, shall be TRY 50,000.

(3) If the market participant is a generation, Organized Industrial Zone generation, autoproducer or autoproducer group license holder legal entity with a total installed capacity between 50 MW and 1000 MW, the fixed collateral amount (TT_KGUC) valid on the date of effect of the collateral mechanism, which shall be used in the minimum collateral amount calculations, shall be TRY 200/MW.

Minimum default base and minimum default interest amount

PROVISIONAL ARTICLE 18^{825,826,827}

⁸¹⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸¹⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸¹⁹ Repealed pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

⁸²⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸²¹ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁸²² Repealed pursuant to the Regulation published in the Official Gazette dated 17 November 2018 and numbered 30598.

⁸²³ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸²⁴ Amended pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁸²⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸²⁶ Amended pursuant to the Regulation published in the Official Gazette dated 18 September 2012 and numbered 28415.

⁸²⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

Determination of the bank⁸²⁸ to act as the central settlement institution⁸²⁹

PROVISIONAL ARTICLE 19 - (1) Within one month from the publication date of this Regulation, a five-year central settlement agreement shall be executed between the Market Operator and İMKB Takas ve Saklama Bankası A.Ş. (*İMKB Settlement and Custody Bank*) as the central settlement institution⁸³⁰ to be used by market participants for the purposes of fulfilling the duties of the central settlement institution⁸³¹ set forth under this Regulation, and ensuring the continuous cash flow in the market through operating the collateral mechanism and making timely and accurate payments.

Limitation management under day-ahead planning^{832 833}

PROVISIONAL ARTICLE 20⁸³⁴ -

Coefficient for imbalance pricing⁸³⁵

PROVISIONAL ARTICLE 21 - (1) The initial value of the "k" and "l" coefficients used in the electricity imbalance amount calculations in accordance with the Article 110, which shall become valid on the date of entry into force of this Article, shall be 0.

The price difference rate between bid levels within the scope of the Balancing Power Market⁸³⁶

PROVISIONAL ARTICLE 22 - (1) In accordance with Article 70, the starting value of the rate regarding the difference between offer prices is 20%.

Gap fund⁸³⁷

PROVISIONAL ARTICLE 23 -

Registration of the assigned retail sales company⁸³⁸

PROVISIONAL ARTICLE 24 - (1) Distribution companies and retail sales companies to be established within the scope of the Procedures and Principles Regarding the Legal Separation of Distribution and Retail Sales Activities published in the Official Gazette dated 27/9/2012 and numbered 28424, shall apply to the Market Operator to register as required until 1/2/2013.

Enforcement actions pertaining to Article 17⁸³⁹

PROVISIONAL ARTICLE 25 - (1) Matters regarding the categories established within the scope of the second paragraph of Article 17 shall be determined through Board decisions until 1/1/2013.

⁸²⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 6 November 2010 and numbered 27751.

⁸²⁹ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸³⁰ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸³¹ Repealed pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸³² Inserted pursuant to the Regulation published in the Official Gazette dated 20 February 2011 and numbered 27852.

⁸³³ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸³⁴ Amended pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸³⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁸³⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 3 November 2011 and numbered 28104.

⁸³⁷ Repealed pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁸³⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

⁸³⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 30 December 2012 and numbered 28513.

(2) Settlement procedures regarding the categories established within the scope of the second paragraph of Article 17 and the distribution company shall be carried out together until 1/7/2013.

(3) The Total Consumption Estimation Determination Procedure shall be published by the Authority until 1/4/2013.

Zero Balance Adjustment Amount⁸⁴⁰

PROVISIONAL ARTICLE 26 - (1) The collection of the Zero Balance Adjustment Amount from market participants shall continue by using zero balance adjustment coefficients until 1/1/2016.

Purchase of transmission line losses by TEİAŞ⁸⁴¹

PROVISIONAL ARTICLE 27 - (1) TEİAŞ shall commence purchasing transmission line losses starting from 1/1/2016. On 1/1/2016, legal entity registration of TEİAŞ shall be made to the Market Operator to ensure the settlement of transmission line losses.

Commencement of the market operation activities of EPIAŞ⁸⁴²

PROVISIONAL ARTICLE 28 - (1) The Market Operator shall be TEİAŞ until such time when EPIAŞ obtains a market operation license.

Regimes, principles and procedures to be published⁸⁴³

PROVISIONAL ARTICLE 29 - (1) The following regimes, principles and procedures shall be published by 1/6/2015 at the latest:

a) Reporting Procedures Regarding Ensuring Transparency in Organized Wholesale Electricity Markets.

b) Procedures and Principles Regarding the Determination of Minimum and Maximum Price Limits in the Day-ahead Market and Balancing Power Market.

Minimum and maximum price limits⁸⁴⁴

PROVISIONAL ARTICLE 30 - (1) The minimum price limits shall be 0 TL/MWh and the maximum price limits shall be 2000 TL/MWh in the relevant markets, until such time when they are determined within the framework of the Procedures and Principles Regarding the Determination of Minimum and Maximum Price Limits in the Day-ahead Market and Balancing Power Market.

Practices in relation to prior receivables or obligations⁸⁴⁵

PROVISIONAL ARTICLE 31 - (1), EPIAŞ shall carry out those which are related to its activities from the date of commencement of its operations, among those lawsuits and proceedings to which TEİAŞ is a party.

⁸⁴⁰ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸⁴¹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸⁴² Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸⁴³ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸⁴⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸⁴⁵ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

Exemption of consumption points that are balancing units from costs related to orders not fulfilled within the scope of balancing power market⁸⁴⁶

PROVISIONAL ARTICLE 32 - (1) Consumption points that are balancing units shall be exempted from costs pertaining to unfulfilled UpReg/DownReg instructions calculated within the scope of Articles 102/A and 105/A until 1/1/2016.

Preparation of the Collateral Calculation Procedure and the Gap Procedure⁸⁴⁷

PROVISIONAL ARTICLE 33 - (1) The Collateral Calculation Procedure and Gap Procedure shall be submitted to the Authority until 01/06/2016 after the relevant studies are completed by the market operator.

Development of the eligible consumer portal and the eligible consumer database⁸⁴⁸

PROVISIONAL ARTICLE 34 - (1) EPİAŞ shall complete the developments pertaining to the eligible consumer portal and the eligible consumer database by 1/1/2017 at the latest.

Registry of captive consumers⁸⁴⁹

PROVISIONAL ARTICLE 35 - (1)⁸⁵⁰ Distribution license holder legal entities shall register the information referred to under the first paragraph of Article 30/B belonging to captive consumers to whom they provide services and of whom they are obliged to read the meters of, to the eligible consumer database until 1/6/2018.

(2) The aforementioned records shall be kept up-to-date by the relevant distribution license holder legal entity and shall not made available to suppliers until the consumer becomes eligible.

PROVISIONAL ARTICLE 36⁸⁵¹ - (1) In the event that daylight saving time continues throughout the year, the periods set forth under Articles 50, 52, 57, 58, 63, 68, 69, 71, 88 and 89 of this Regulation may be delayed by the Market Operator for up to an hour. In this case, the newly determined terms shall be announced to the market participants by the Market Operator prior to entering into force.

Creation of the default collateral account⁸⁵²

PROVISIONAL ARTICLE 37⁸⁵³ - (1) The Procedures and Principles regarding the Default Collateral Account for the markets operated by the Market Operator or for the markets in which financial settlements and other financial transactions are carried out, excluding the ancillary services market, shall be published until 1/1/2022.

Payment procedure

⁸⁴⁶ Inserted pursuant to the Regulation published in the Official Gazette dated 28 March 2015 and numbered 29309.

⁸⁴⁷ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁸⁴⁸ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁸⁴⁹ Inserted pursuant to the Regulation published in the Official Gazette dated 28 May 2016 and numbered 29725.

⁸⁵⁰ Amended pursuant to the Regulation published in the Official Gazette dated 18 January 2018 and numbered 30305.

⁸⁵¹ Inserted pursuant to the Regulation published in the Official Gazette dated 30 October 2016 and numbered 29873.

⁸⁵² Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

⁸⁵³ Inserted pursuant to the Regulation published in the Official Gazette dated 2 February 2020 and numbered 31027.

PROVISIONAL ARTICLE 38⁸⁵⁴ - (1) For a period of three months from the effective date of this Article, payments by the Market Operator to the creditor market participants within the scope of the ninth paragraph of Article 132/Ç shall be made in accordance with the rate of all amounts collected from the market participants for the relevant billing period to the net amount of receivables, regardless of the invoice notification date and order. If a new collection is made following such payments until the publication of the next pre-settlement notification, these amounts shall also be distributed to the creditor market participants according to the procedure in the first sentence. The Board shall be authorized to extend the duration of this practice up to six months.

Enforcement

Article 143- This Regulation shall enter into force on the date of its publication.

Execution

Article 144- The provisions of this Regulation shall be executed by the Council of Ministers.

	Regulation Published in the Official Gazette	
	Dated	Numbered
	14/4/2009	27200
	Regulations Amending the Regulation Published in the Official Gazettes	
	Dated	Numbered
1	1/10/2009	27363
2	26/11/2009	27418 (<i>bis</i>)
3	17/4/2010	27555
4	6/11/2010	27751
5	20/2/2011	27852
6	3/11/2011	28104
7	3/3/2012	28222
8	18/19/2012	28415
9	30/12/2012	28513 (2. <i>bis</i>)
10	5/1/2013	28519

⁸⁵⁴ Inserted pursuant to the Regulation published in the Official Gazette dated 21 April 2020 and numbered 31106.

11	28/3/2015	29309
12	15/7/2015	29417
13	29/4/2016	29698
14	28/5/2016	29725
15	30/10/2016	29873
16	14/01/2017	29948
17	16/5/2017	30068
18	18/1/2018	30305
19	17/11/2018	30598
20	9/8/2019	30857
21	2/2/2020	31027
22	21/4/2020	31106
23	28/7/2020	31199
24	20/2/2021	31401
25	9/5/2021	31479
26	22/2/2022	31760
27	15/6/2022	31867
28	1/7/2022	31883
29	19/11/2022	32018
30	28/02/2023	32118
31	19/12/2023	32404