



**TRANSPARENCY PLATFORM**  
**WEB SERVICE GUIDELINES**  
V2.0

# Table of Contents

- 1. Purpose..... 4
- 2. Scope..... 4
- 3. General Information ..... 4
- 4. Production Services ..... 5
  - 4.1 Market Message System Service ..... 5
  - 4.2 Region Service ..... 6
  - 4.3 Market Message System Type Service..... 6
  - 4.4 Power Plant Periodical Information Service ..... 6
  - 4.5 Injection/Withdrawal Unit Service ..... 7
  - 4.6 Injection Quantity Service ..... 7
  - 4.7 Renewables Support Mechanism Generation Forecast Service..... 8
  - 4.8 Renewables Support Mechanism Portfolio Income Service..... 9
  - 4.9 Renewables Support Mechanism Imbalance Cost Service ..... 9
  - 4.10 Renewables Support Mechanism Production Service..... 10
  - 4.11 Renewables Support Mechanism Imbalance Quantity Service ..... 10
  - 4.12 Renewables Support Mechanism Spot Order Service ..... 11
  - 4.13 Installed Capacity Service ..... 11
  - 4.14 Renewables Support Mechanism Installed Capacity Service ..... 12
  - 4.15 Renewables Support Mechanism Unit Cost Service ..... 12
  - 4.16 Final Daily Production Program Service ..... 13
- 5 Transmission Services..... 14
  - 5.1 Congestion Rent Service ..... 14
  - 5.2 Transmission Loss Factor Service ..... 14
  - 5.3 ENSTO-E (X) Codes Service ..... 15
  - 5.4 City Service ..... 15
- 6 Consumption Services ..... 16
  - 6.1 Load Forecast Service ..... 16
  - 6.2 Withdrawal Quantity Service ..... 16
  - 6.3 Distribution Organizations Service ..... 17
  - 6.4 Metering Point Reading Type Service ..... 17
  - 6.5 Customer Profile Group Service..... 17
  - 6.6 Distribution Profile Service ..... 18
  - 6.7 Meter Reading Organization Service ..... 18
  - 6.8 City Service ..... 19

6.9	Eligible Customer Count Service.....	19
6.10	Eligible Customer Withdrawal Quantity Service .....	20
7	Market Services.....	21
7.1	System Marginal Price Service .....	21
7.2	Market Clearing Price Service .....	21
7.3	Day-Ahead Market Volume Service .....	22
7.4	Intraday Market Transaction History Service .....	22
7.5	Intraday Market Summary Service .....	23
7.6	Balancing Power Market Bid Volume Service .....	24
7.7	Participant Service .....	24
7.8	Supply-Demand Curve Service.....	25
7.9	Day-Ahead Market Trade Value Service .....	25
7.10	Block Bid-Offer Quantity Service .....	26
7.11	Interim Market Clearing Price Service .....	27
7.12	Side Payments Service .....	27
7.13	Retroactive Adjustment Sum Service .....	28
7.14	Imbalance Cost Service .....	28
7.15	Imbalance Quantity Service .....	29
7.16	Bilateral Contracts Offer Quantity Service .....	29
7.17	Bilateral Contracts Bid Quantity Service .....	30

## 1. Purpose

The purpose of this document is to share necessary information and guidance pertaining to web service utilization within the scope of Transparency Platform.

## 2. Scope

Utilization methods/information and response types of web services that are developed within the context of Transparency Platform project establish the scope of this document.

Main categories of the web services are as the following:

1. Consumption Services
2. Production Services
3. Transmission Services
4. Market Services

## 3. General Information

- Return type of web services which are developed within the scope of this project, is in the form of a JSON object.
- While calling services, “Accept” header information that is in the HTTP Header, should be sent as “application/json”.
- Unless otherwise stated date formats used in the services should be sent compatible with the following:
  - SHORT DATE FORMAT : yyyy-MM-dd (Example: 2016-01-15)
  - LONG DATE FORMAT : yyyy-MM-dd'T'HH:mm:ss.SSSZ  
(Example: 2016-01-15T09:35:59.123+0200)

## 4. Production Services

### 4.1 Market Message System Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/urgent-market-message">https://seffaflik.epias.com.tr/transparency/service/production/urgent-market-message</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)
Query Parameter	regionId	Long
Query Parameter	messageTypeId	Long
Query Parameter	powerPlantId	Long
Query Parameter	uevcId	Long

#### RESPONSE

Field	Type	Description
id	Long	Message ID
caseAddDate	String (LONG DATE FORMAT)	Event Add Date
caseStartDate	String (LONG DATE FORMAT)	Event Start Date
caseEndDate	String (LONG DATE FORMAT)	Event End Date
powerPlantName	String	Plant Name
messageType	Long	Message Type
region	String	Region
capacityAtCaseTime	BigDecimal	Affected Capacity
caseVaguenessTime	Long	Uncertainty Time
validityStatus	Long	Validity Status
reason	String	Reason
operatorPower	BigDecimal	Capacity In Operation
uevcName	String	Injection/Withdrawal Unit Name

## 4.2 Region Service

### REQUEST

Method	URL
GET	https://seffaflik.epias.com.tr/transparency/service/production/region

### RESPONSE

Field	Type	Description
id	Long	Region ID
region	String	Region Name

## 4.3 Market Message System Type Service

### REQUEST

Method	URL
GET	https://seffaflik.epias.com.tr/transparency/service/production/urgent-market-message-type

### RESPONSE

Field	Type	Description
id	Long	Message Type ID
type	String	Message Type Name

## 4.4 Power Plant Periodical Information Service

### REQUEST

Method	URL
GET	https://seffaflik.epias.com.tr/transparency/service/production/power-plant

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
id	Long	Plant ID
name	String	Plant Name
eic	String	EIC Code
shortName	String	Plant Short Name

### 4.5 Injection/Withdrawal Unit Service

## REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/uevcb">https://seffaflik.epias.com.tr/transparency/service/production/uevcb</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)
Query Parameter	powerPlantId	Long

## RESPONSE

Field	Type	Description
id	Long	Injection/Withdrawal Unit ID
name	String	Injection/Withdrawal Unit Name
eic	String	Injection/Withdrawal Unit EIC Code

### 4.6 Injection Quantity Service

## REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/ssv">https://seffaflik.epias.com.tr/transparency/service/production/ssv</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
ssv	BigDecimal	Injection Quantity

## 4.7 Renewables Support Mechanism Generation Forecast Service

### REQUEST

Method	URL
GET	<a href="https://seffaflık.epias.com.tr/transparency/service/production/renewable-sm-forecast">https://seffaflık.epias.com.tr/transparency/service/production/renewable-sm-forecast</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
wind	BigDecimal	Wind
geothermal	BigDecimal	Geothermal
biogas	BigDecimal	Biogas
canalType	BigDecimal	Canal Type
biomass	BigDecimal	Biomass
landfillGas	BigDecimal	Landfill Gas
riverType	BigDecimal	Run-of-River
dammedHydroWithReservoir	BigDecimal	Dammed Hydro With Reservoir
total	BigDecimal	Total



## 4.8 Renewables Support Mechanism Portfolio Income Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-portfolio-income">https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-portfolio-income</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
portfolioIncome	BigDecimal	Portfolio Income

## 4.9 Renewables Support Mechanism Imbalance Cost Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-imbalance-cost">https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-imbalance-cost</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
imbalanceCost	BigDecimal	Imbalance Cost

## 4.10 Renewables Support Mechanism Production Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-production">https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-production</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
wind	BigDecimal	Wind
geothermal	BigDecimal	Geothermal
biogas	BigDecimal	Biogas
canalType	BigDecimal	Canal Type
biomass	BigDecimal	Biomass
landfillGas	BigDecimal	Landfill Gas
riverType	BigDecimal	Run-of-River
dammedHydroWithReservoir	BigDecimal	Dammed Hydro With Reservoir
total	BigDecimal	Total

## 4.11 Renewables Support Mechanism Imbalance Quantity Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-imbalance-quantity">https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-imbalance-quantity</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
imbalanceQuantity	BigDecimal	Imbalance Quantity

### 4.12 Renewables Support Mechanism Spot Order Service

## REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-spot-order">https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-spot-order</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
orderQuantity	BigDecimal	Spot Order

### 4.13 Installed Capacity Service

## REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/installed-capacity">https://seffaflik.epias.com.tr/transparency/service/production/installed-capacity</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
period	String (LONG DATE FORMAT)	Period
capacityType	String	Capacity Type
capacity	BigDecimal	Capacity

### 4.14 Renewables Support Mechanism Installed Capacity Service

## REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/installed-capacity-of-renewable">https://seffaflik.epias.com.tr/transparency/service/production/installed-capacity-of-renewable</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
capacityTypeId	Long	Capacity Type ID
period	String (LONG DATE FORMAT)	Period
capacityType	String	Capacity Type
capacity	BigDecimal	Capacity

### 4.15 Renewables Support Mechanism Unit Cost Service

## REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-unit-cost">https://seffaflik.epias.com.tr/transparency/service/production/renewable-sm-unit-cost</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
unitCost	BigDecimal	Unit Cost

## 4.16 Final Daily Production Program Service

### REQUEST

Method	URL
GET	<a href="https://seffaflık.epias.com.tr/transparency/service/production/dpp">https://seffaflık.epias.com.tr/transparency/service/production/dpp</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)
Query Parameter	organizationEIC	String
Query Parameter	uevcbEIC	String

### RESPONSE

Field	Type	Description
tarih	String (UZUN TARİH FORMATI)	Date
saat	String	Hour
toplamlam	BigDecimal	Total
dogalgaz	BigDecimal	Natural Gas
ruzgar	BigDecimal	Wind
linyit	BigDecimal	Lignite
tasKomur	BigDecimal	Black Coal
ithalKomur	BigDecimal	Import Coal
fuelOil	BigDecimal	Fuel Oil
jeotermal	BigDecimal	Geothermal
barajli	BigDecimal	Dammed Hydro
nafta	BigDecimal	Naphta
biokutle	BigDecimal	Biomass
akarsu	BigDecimal	River
diger	BigDecimal	Others

## 5 Transmission Services

### 5.1 Congestion Rent Service

#### REQUEST

Method	URL
GET	/transmission/congestion-rent

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)
Query Parameter	orderType	String (Enum) Değerler : Up Regulation, Down Regulation, Up_Down Regulation

#### RESPONSE

Field	Type	Description
cityId	Long	City ID
cityName	String	City Name
mcpCost	BigDecimal	MCP Cost
smpCost	BigDecimal	SMP Cost
orderCount	BigDecimal	Order Count
upRegulationOrderCount	BigDecimal	Up Regulation Instruction Count
downRegulationOrderCount	BigDecimal	Down Regulation Instruction Count
totalOrderCount	BigDecimal	Total instruction Count

### 5.2 Transmission Loss Factor Service

#### REQUEST

Method	URL
GET	/transmission/transmission-system-loss-factor

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
firstversionValue	BigDecimal	First Version
lastVersionValue	BigDecimal	Last Version
firstVersionDate	String (LONG DATE FORMAT)	First Version Date
lastVersionDate	String (LONG DATE FORMAT)	Last Version Date

### 5.3 ENSTO-E (X) Codes Service

## REQUEST

Method	URL
GET	/transmission/ents-organization

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)
Query Parameter	organizationId	Integer

## RESPONSE

Field	Type	Description
ETSOrganizationCode	String	ETSO Organization Code
organizationName	String	Organization Name

### 5.4 City Service

## REQUEST

Method	URL
GET	/transmission/city

## RESPONSE

Field	Type	Description
cityId	Long	City ID
cityName	String	City Name

## 6 Consumption Services

### 6.1 Load Forecast Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/consumption/load-estimation-plan">https://seffaflik.epias.com.tr/transparency/service/consumption/load-estimation-plan</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
lep	BigDecimal	Load Forecast

### 6.2 Withdrawal Quantity Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/consumption/swv">https://seffaflik.epias.com.tr/transparency/service/consumption/swv</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
swv	BigDecimal	Withdrawal Quantity



## 6.3 Distribution Organizations Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/consumption/distribution">https://seffaflik.epias.com.tr/transparency/service/consumption/distribution</a>

### RESPONSE

Field	Type	Description
id	Long	Distribution ID
name	String	Distribution Name

## 6.4 Metering Point Reading Type Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/consumption/meter-reading-type">https://seffaflik.epias.com.tr/transparency/service/consumption/meter-reading-type</a>

### RESPONSE

Field	Type	Description
id	Long	Metering Point Reading Type ID
name	String	Metering Point Reading Type Name

## 6.5 Customer Profile Group Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/consumption/subscriber-profile-group">https://seffaflik.epias.com.tr/transparency/service/consumption/subscriber-profile-group</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)
Query Parameter	distributionId	Long

## RESPONSE

Field	Type	Description
id	Long	Customer Profile Group ID
name	String	Customer Profile Group Name

## 6.6 Distribution Profile Service

### REQUEST

Method	URL
GET	<a href="https://seffalik.epias.com.tr/transparency/service/consumption/distribution-profile">https://seffalik.epias.com.tr/transparency/service/consumption/distribution-profile</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)
Query Parameter	distributionId	Long
Query Parameter	meterReadingType	Long
QueryParameter	subscriberProfileGroup	Long

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
multiplier	BigDecimal	Multiplier

## 6.7 Meter Reading Organization Service

### REQUEST

Method	URL
GET	<a href="https://seffalik.epias.com.tr/transparency/service/consumption/meter-reading-company">https://seffalik.epias.com.tr/transparency/service/consumption/meter-reading-company</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
id	Long	Meter Reading Organization ID
name	String	Meter Reading Organization Name
status	Long	Status

## 6.8 City Service

### REQUEST

Method	URL
GET	https://seffaflik.epias.com.tr/transparency/service/consumption/city

### RESPONSE

Field	Type	Description
cityId	Long	City ID
districtId	Long	County ID
cityName	String	City Name
districtName	String	County Name

## 6.9 Eligible Customer Count Service

### REQUEST

Method	URL
GET	https://seffaflik.epias.com.tr/transparency/service/consumption/st

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
profilAboneGrupAdi	String	Customer Profile Group
date	String (LONG DATE FORMAT)	Date

## 6.10 Eligible Customer Withdrawal Quantity Service

### REQUEST

Method	URL	
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/consumption/swv-v2">https://seffaflik.epias.com.tr/transparency/service/consumption/swv-v2</a>	
Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
vc_gec_trh	String (LONG DATE FORMAT)	Date
uevcb_gec_trh	String (LONG DATE FORMAT)	Date
st	BigDecimal	Withdrawal Quantity of Exercising Privilege of Eligibility
nonSt	BigDecimal	Withdrawal Quantity of Those Not Exercising Privilege of Eligibility

## 7 Market Services

### 7.1 System Marginal Price Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/smp">https://seffaflik.epias.com.tr/transparency/service/market/smp</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
price	BigDecimal	System Marginal Price
smpDirection	String	System's Direction
smpDirectionId	Long	System's Direction ID

### 7.2 Market Clearing Price Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-mcp">https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-mcp</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
price	BigDecimal	Market Clearing Price

### 7.3 Day-Ahead Market Volume Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-market-volume">https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-market-volume</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
quantityOfAsk	BigDecimal	Bid Quantity
volume	BigDecimal	Clearing Quantity
quantityOfBid	BigDecimal	Offer Quantity
priceIndependentBid	BigDecimal	Price Independent Bid
priceIndependentOffer	BigDecimal	Price-Independent Offer
blockBid	BigDecimal	Block Bid
blockOffer	BigDecimal	Block Offer

### 7.4 Intraday Market Transaction History Service

#### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/intra-day-trade-history">https://seffaflik.epias.com.tr/transparency/service/market/intra-day-trade-history</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
id	Long	Transaction ID
date	String (LONG DATE FORMAT)	Date
contract	String	Contract Name
price	BigDecimal	Price
quantity	BigDecimal	Quantity

## 7.5 Intraday Market Summary Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/intra-day-summary">https://seffaflik.epias.com.tr/transparency/service/market/intra-day-summary</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
id	Long	Transaction ID
date	String (LONG DATE FORMAT)	Date
contract	String	Contract Name
volume	BigDecimal	Matching Quantity
minAskPrice	BigDecimal	Minimum Bid Price
maxAskPrice	BigDecimal	Maximum Bid Price
minBidPrice	BigDecimal	Minimum Offer Price
maxBidPrice	BigDecimal	Maximum Offer Price
quantityOfAsk	BigDecimal	Bid Quantity
quantityOfBid	BigDecimal	Offer Quantity
tradingVolume	BigDecimal	Trade Value
minMatchPrice	BigDecimal	Minimum Matching Price
maxMatchPrice	BigDecimal	Maximum Matching Price

## 7.6 Balancing Power Market Bid Volume Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/bpm-order-summary">https://seffaflik.epias.com.tr/transparency/service/market/bpm-order-summary</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
net	BigDecimal	Net
upRegulationZeroCoded	BigDecimal	Code 0 Up Regulation
upRegulationOneCoded	BigDecimal	Code 1 Up Regulation
upRegulationTwoCoded	BigDecimal	Code 2 Up Regulation
downRegulationZeroCoded	BigDecimal	Code 0 Down Regulation
downRegulationOneCoded	BigDecimal	Code 1 Down Regulation
downRegulationTwoCoded	BigDecimal	Code 2 Down Regulation
upRegulationDelivered	BigDecimal	Delivered Up Regulation
downRegulationDelivered	BigDecimal	Delivered Down Regulation

## 7.7 Participant Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/participant">https://seffaflik.epias.com.tr/transparency/service/market/participant</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)



## RESPONSE

Field	Type	Description
id	Long	Participant ID
date	String (LONG DATE FORMAT)	Date
licence	String	License
publicCompany	Long	Public Sector
privateSector	Long	Private Sector
licenceId	Long	License ID
publicCompanyOfSum	Long	Public Sector Total
privateSectorOfSum	Long	Private Sector Total

## 7.8 Supply-Demand Curve Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/supply-demand-curve">https://seffaflik.epias.com.tr/transparency/service/market/supply-demand-curve</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	period	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
price	Double	Price
supply	Double	Supply
demand	Double	Demand

## 7.9 Day-Ahead Market Trade Value Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-market-trade-volume">https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-market-trade-volume</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
volumeOfBid	BigDecimal	Offer Quantity
volumeOfAsk	BigDecimal	Bid Quantity

### 7.10 Block Bid-Offer Quantity Service

#### REQUEST

Method	URL
GET	<a href="https://seffalik.epias.com.tr/transparency/service/market/amount-of-block">https://seffalik.epias.com.tr/transparency/service/market/amount-of-block</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

#### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
amountOfPurchasingTowardsBlock	Double	Block Bids
amountOfPurchasingTowardsMatchBlock	Double	Cleared Block Bids
amountOfSalesTowardsBlock	Double	Block Offers
amountOfSalesTowardsMatchBlock	Double	Cleared Block Offers

## 7.11 Interim Market Clearing Price Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-interim-mcp">https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-interim-mcp</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	date	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
marketTradePrice	Double	Interim Market Clearing Price

## 7.12 Side Payments Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-diff-funds">https://seffaflik.epias.com.tr/transparency/service/market/day-ahead-diff-funds</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
originatingFromBids	BigDecimal	Originating From Bids
originatingFromOffers	BigDecimal	Originating From Offers
originatingFromRounding	BigDecimal	Originating From Rounding

## 7.13 Retroactive Adjustment Sum Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/production/gddk-amount">https://seffaflik.epias.com.tr/transparency/service/production/gddk-amount</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
version	String (LONG DATE FORMAT)	Version
gddkDebtAmount	BigDecimal	Retroactive Adjustment Sum Liability
gddkCreditAmount	BigDecimal	Retroactive Adjustment Sum Recievable
gddkNetAmount	BigDecimal	Net Retroactive Adjustment Sum

## 7.14 Imbalance Cost Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/imbalance-amount">https://seffaflik.epias.com.tr/transparency/service/market/imbalance-amount</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
time	String	Hour
positiveImbalance	BigDecimal	Positive Imbalance Cost
negativeImbalance	BigDecimal	Negative Imbalance Cost

## 7.15 Imbalance Quantity Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/imbalance-quantity">https://seffaflik.epias.com.tr/transparency/service/market/imbalance-quantity</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

### RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
time	String	Hour
positiveImbalance	BigDecimal	Positive Imbalance Quantity
negativeImbalance	BigDecimal	Negative Imbalance Quantity

## 7.16 Bilateral Contracts Offer Quantity Service

### REQUEST

Method	URL
GET	<a href="https://seffaflik.epias.com.tr/transparency/service/market/bilateral-contract-sell">https://seffaflik.epias.com.tr/transparency/service/market/bilateral-contract-sell</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	eic	String
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
quantity	BigDecimal	Quantity

### 7.17 Bilateral Contracts Bid Quantity Service

## REQUEST

Method	URL
GET	<a href="https://seffalik.epias.com.tr/transparency/service/market/bilateral-contract-buy">https://seffalik.epias.com.tr/transparency/service/market/bilateral-contract-buy</a>

Parameter Type	Parameter Name	Parameter Value
Query Parameter	eic	String
Query Parameter	startDate	String (SHORT DATE FORMAT)
Query Parameter	endDate	String (SHORT DATE FORMAT)

## RESPONSE

Field	Type	Description
date	String (LONG DATE FORMAT)	Date
quantity	BigDecimal	Quantity