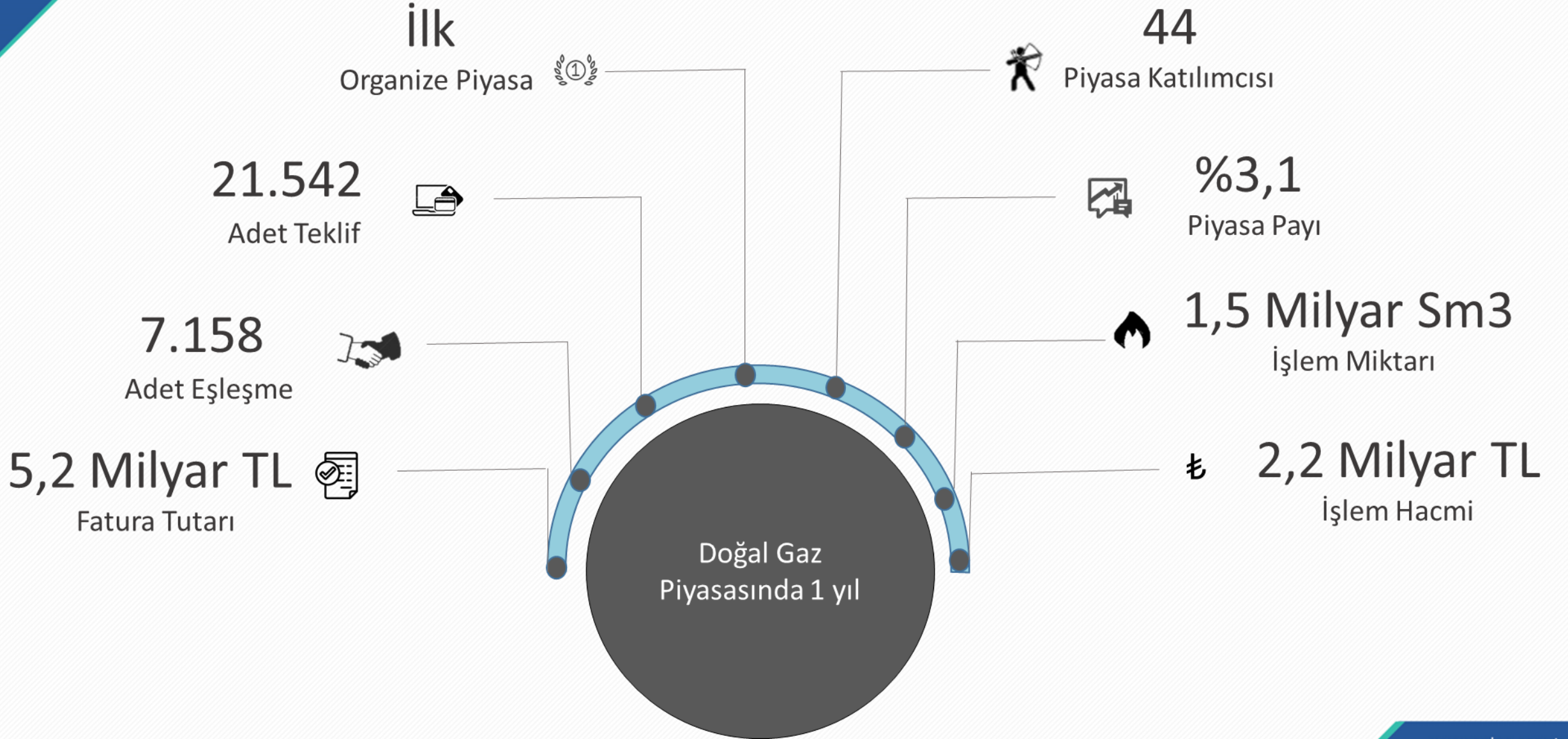
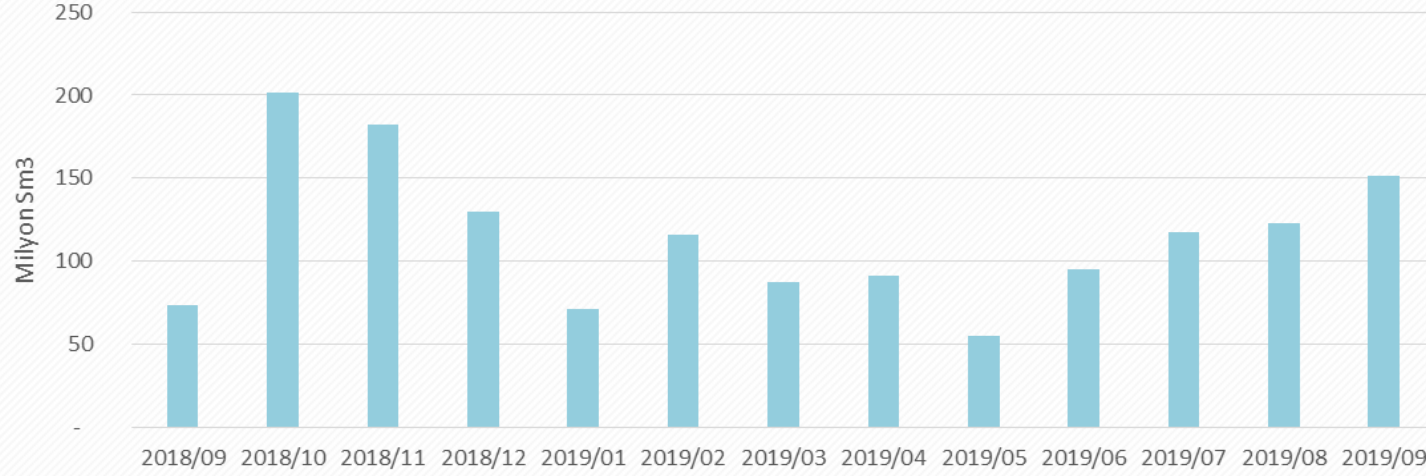


# OTSP – AN OVERVIEW OF THE LAST YEAR

November 2019  
Istanbul

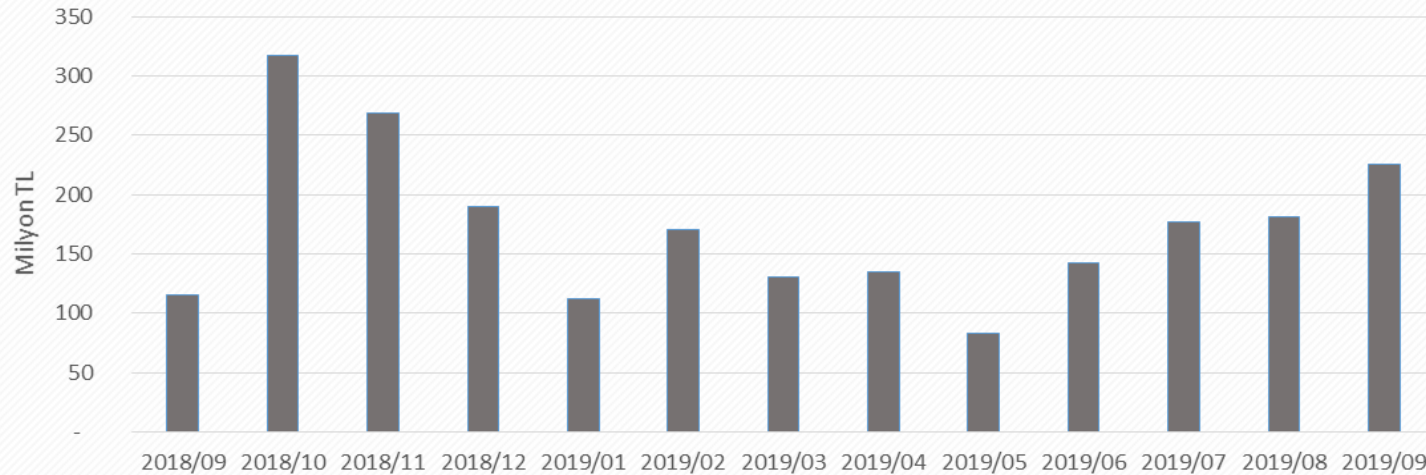


Eşleşme Miktarı



1,5 milyar Sm3  
Eşleşme

İşlem Hacmi



2,2 Milyar TL  
İşlem Hacmi

## Natural Gas CTP (EPIAŞ)

- ✓ Price
- ✓ Match Quantity
- ✓ TSO Balancing Transactions
- ✓ Trade Volume
- ✓ Transaction History
- ✓ Allocation Data
- ✓ RC Item
- ✓ Neutralization Item

14.10.2019 EPIAŞ

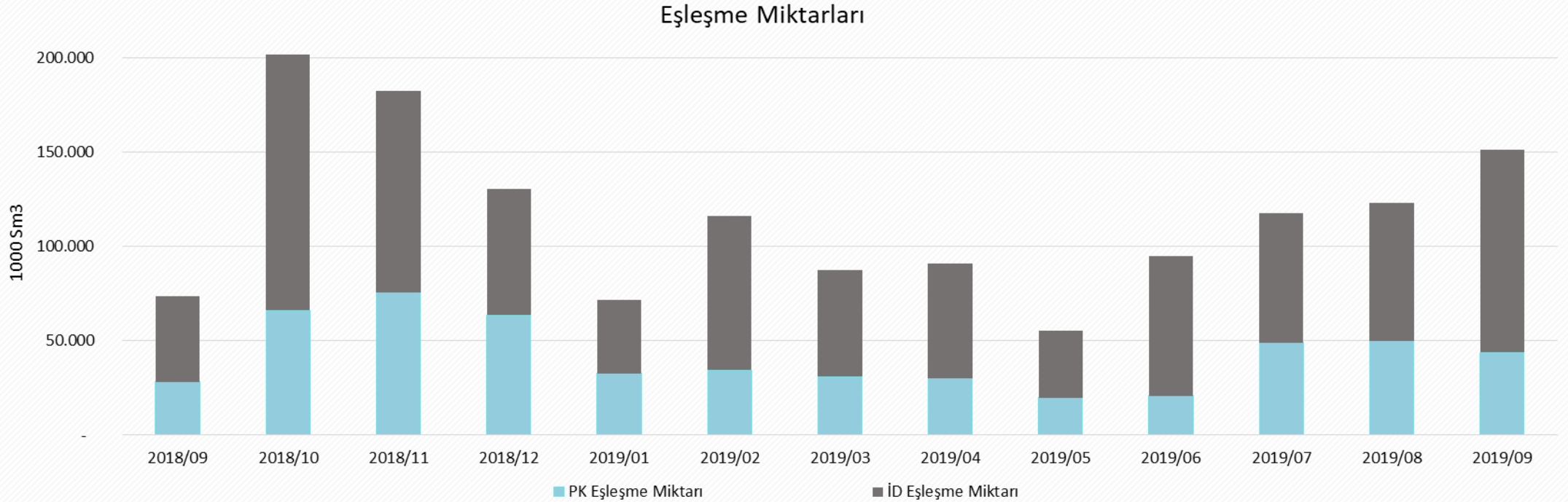
Eşleşme Miktarı  
Kontrat Eşleşme Miktarı

Günlük Aylık Dönemsel

Ay	2019	2018
Ocak	71.562	-
Şubat	116.282	-
Mart	87.271	-
Nisan	91.074	-
Mayıs	55.198	-
Haziran	94.787	-
Temmuz	117.676	-
Ağustos	123.020	-
Eylül	151.205	73.482
Ekim	38.167	201.528
Kasım	-	182.078
Aralık	-	130.223
Min.	38.167	73.482
Maks.	151.205	201.528
Art. Ort.	94.624	146.828
Toplam	946.242	587.311

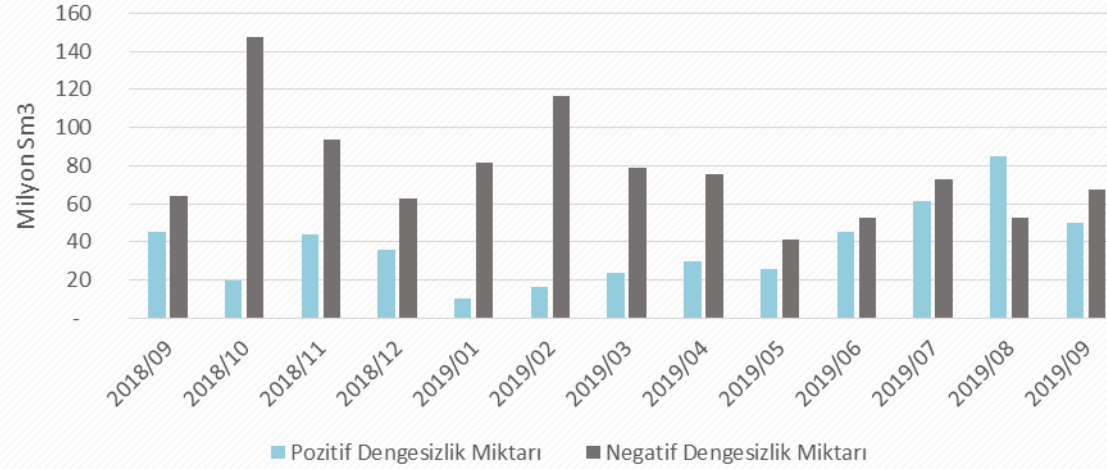
## Natural Gas Transmission (BOTAŞ)

- ✓ TN (Transport Nomination)
- ✓ Stock Amount



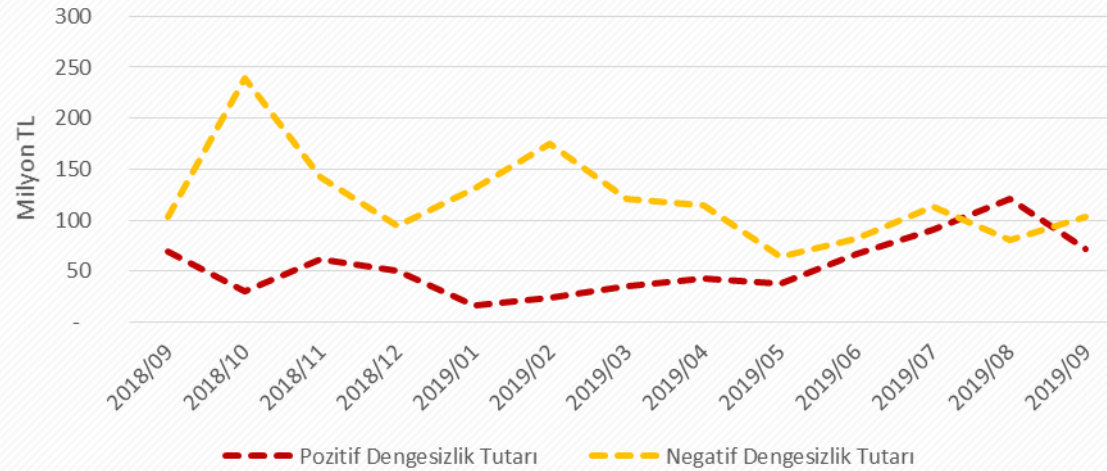
- From the day that CTP has been operational, the total realized matched quantity is 1.5 bcm. 64% of this amount was traded by TSO for Balancing Transactions (purchase 0,715 bcm, selling 0,227 bcm, in total 0,95 bcm) and of 36% (0,54 bcm) by Market Participants.
- The lowest trade volume was on 24th of September 2018 as 298.453 TL while the highest trade volume was on 20th August 2019 as 29 million TL (appx 4,5 m Euro). TSO has changed its reference stock level and that caused this dramatic trade volume on 20 th August 2019.

### Dengesizlik Miktarları



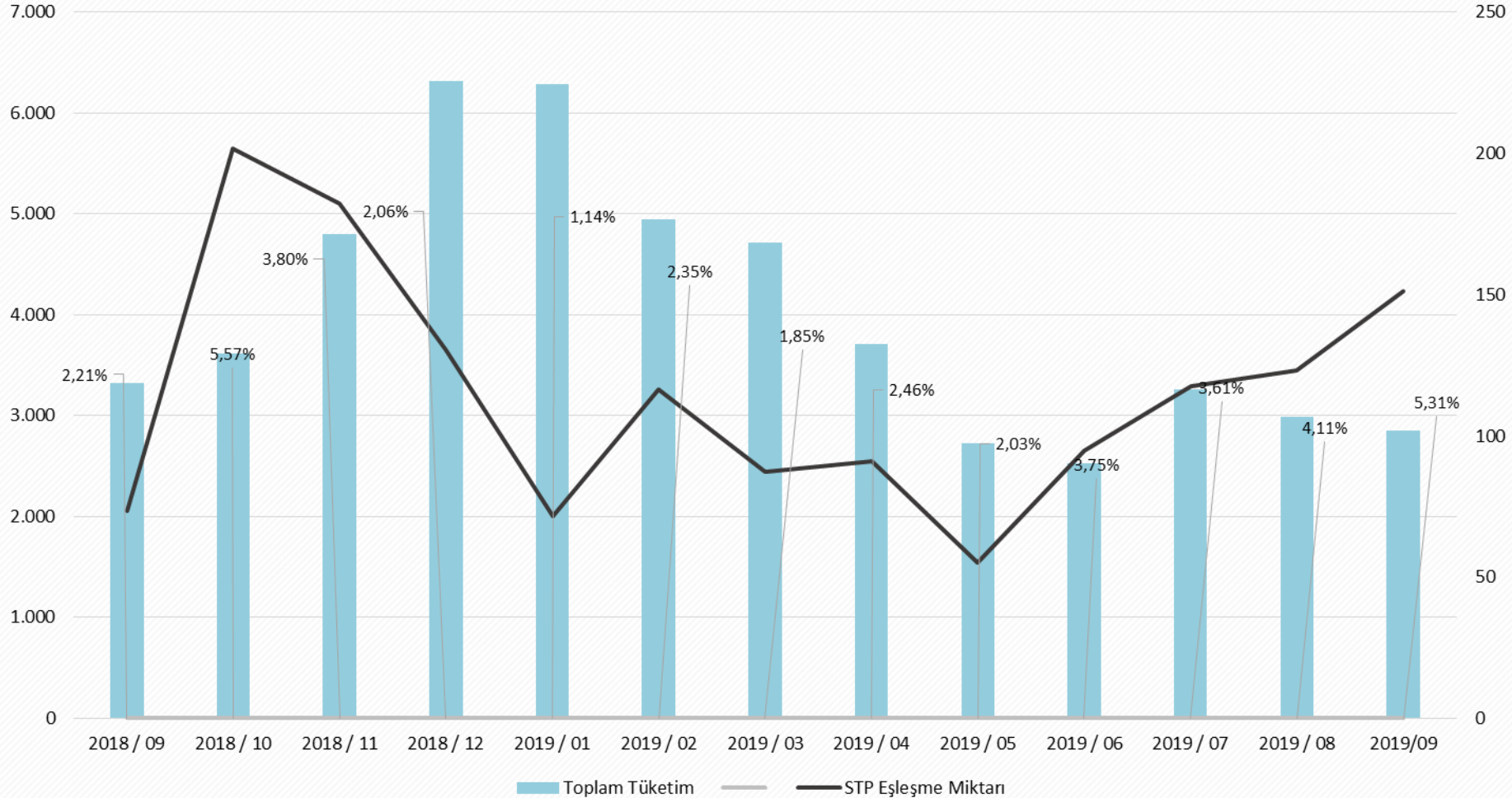
- The highest negative imbalance quantity was on October 2018 as 148 million cubic meter.

### Dengesizlik Tutarları



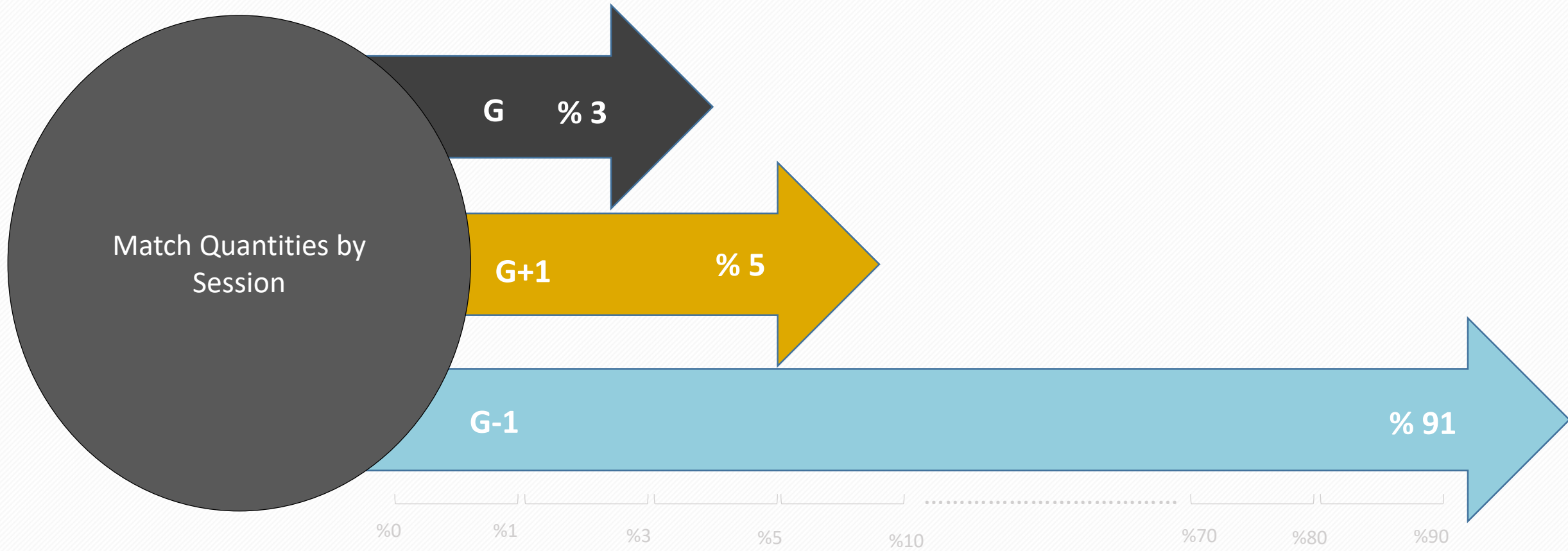
- Monthly Positive imbalance amount was approximately 55 million TL while negative imbalance amount was approximately 122 million.

STP Eşleşme Miktarı vs Tüketim

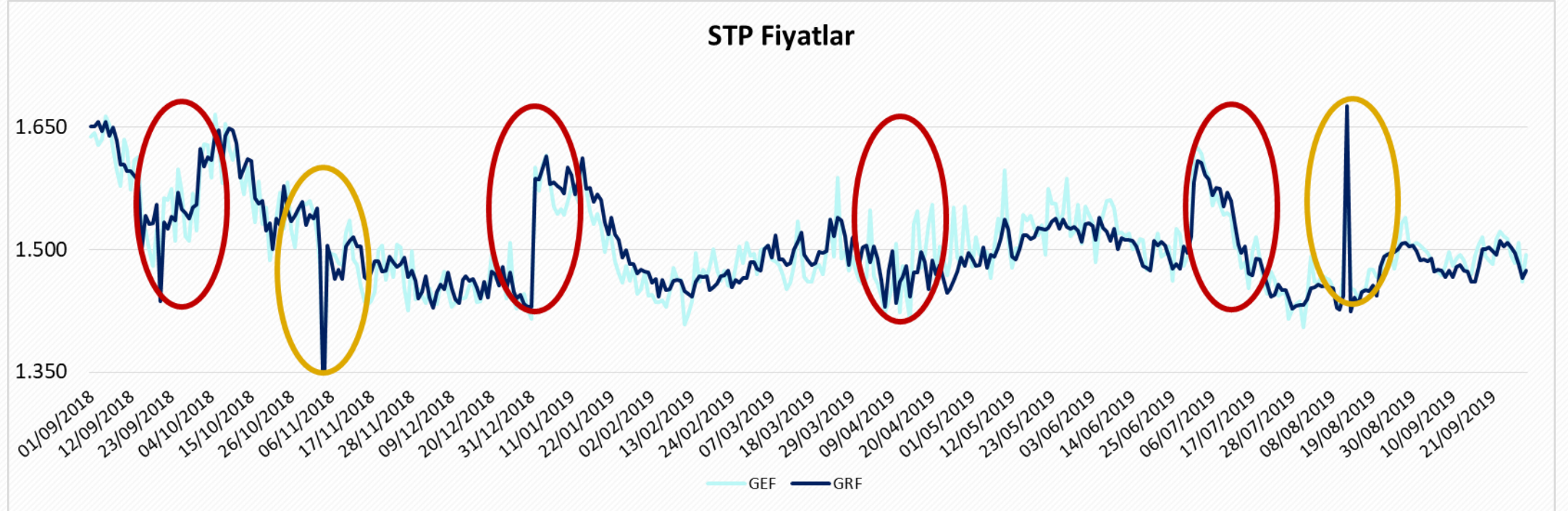


%3,1 Piyasa Payı

# Matched Quantities by Sessions (Sm3)

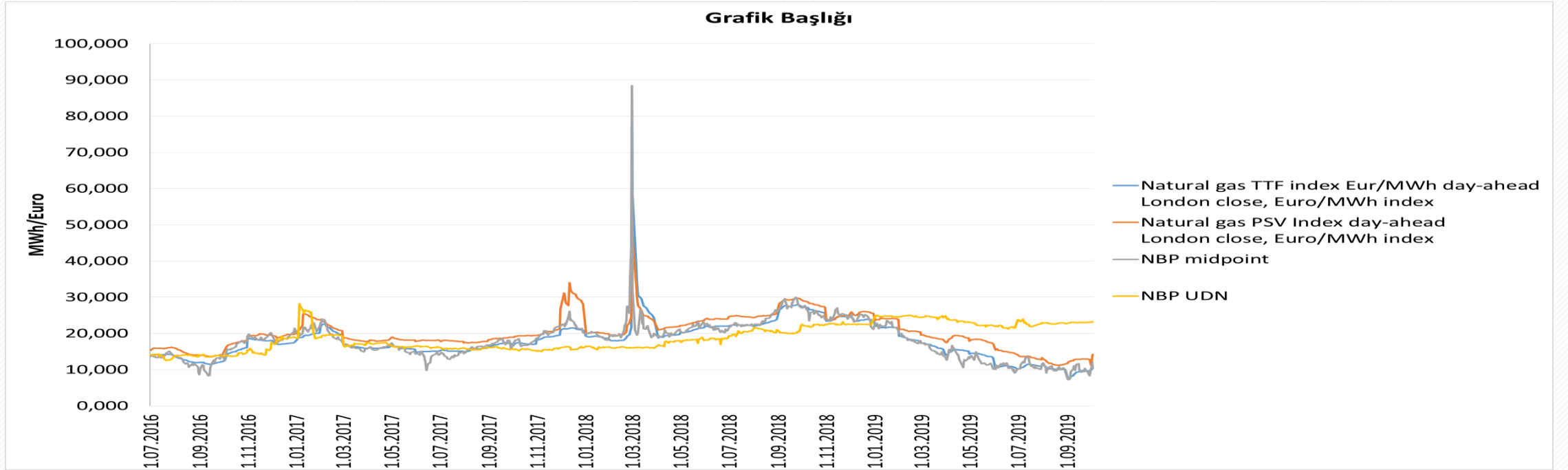






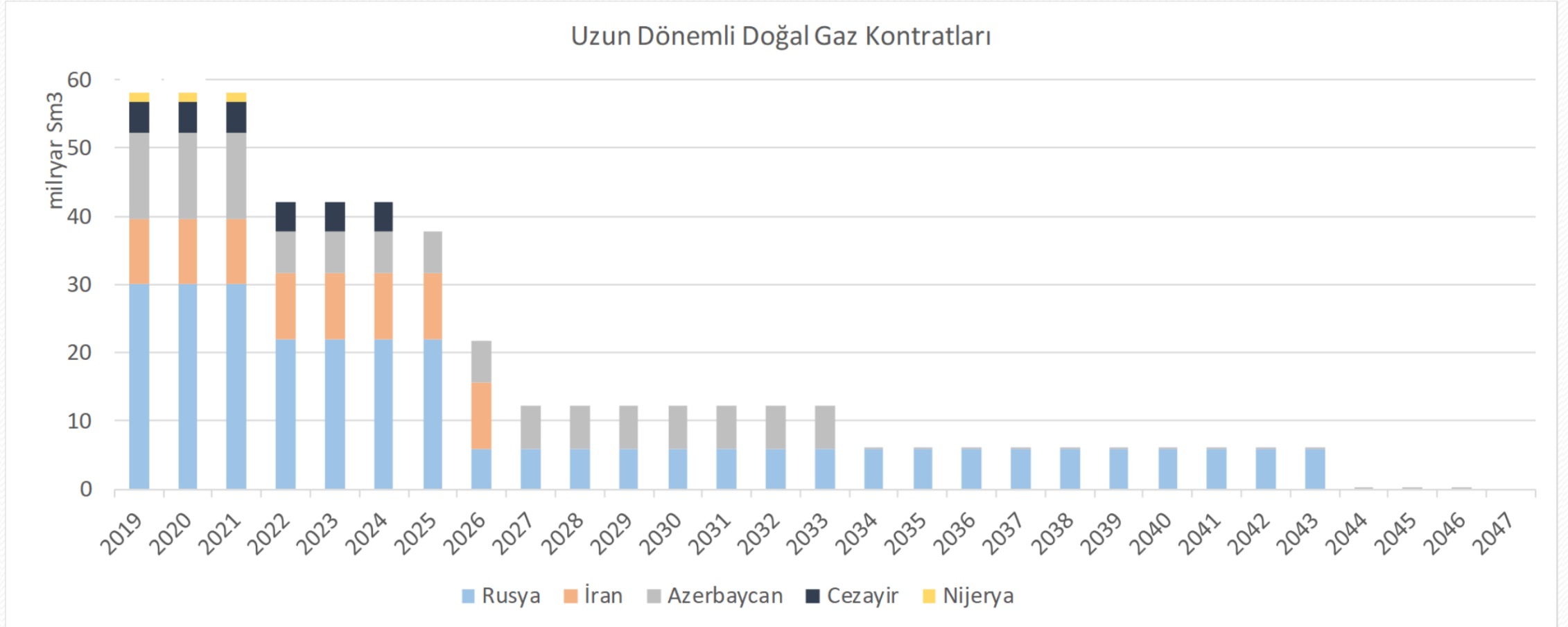
Since gas import prices vary across the quarterly periods, significant price steps occurred at CTP.

Order book depth was low in comparison to demand and supply. That situation caused fluctuations in the prices.

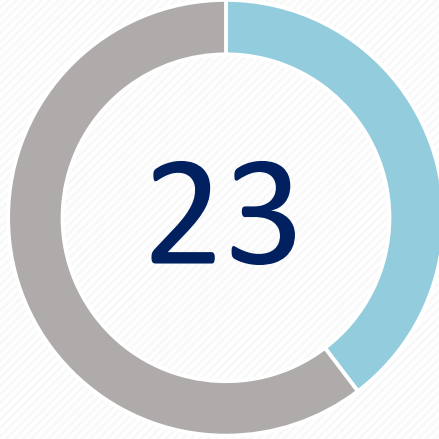


\*Kaynak: Argus ve EPIAŞ Şeffaflık Platformu \* Döviz kur verisi TC Merkez Bankası kaynaklıdır.

- It is observed that there is a difference between the prices in European liquid hub and GRP while there is a significant correlation between GRP and over the counter prices in Turkish natural gas market.
- Especially gas to gas competition caused gas prices to fall in the summer months in European hubs.
- It will be a very important topic in the next days ,if there will be a correlation between EU gas prices and Turkish gas prices or not after Turkish Flow and ve TAP.

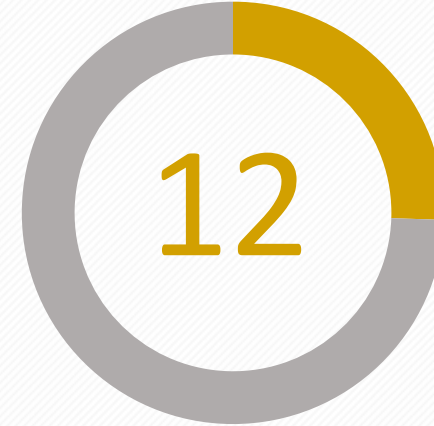


CTP (EPIAŞ)



23 Kasım 2019

TSO (BOTAŞ)



- ✓ Gas Reference Price (GRP)
- ✓ Match Quantity
- ✓ Trade Volume
- ✓ TSO Balancing Transactions
- ✓ Allocation Data
- ✓ Imbalance
- ✓ Neutralization Item (BAST)
- ✓ RC Item
- ✓ Transaction History

- ✓ Transport Nomination
- ✓ Virtual Trade(UDN)
- ✓ Capacity Quantity
- ✓ Reserve Quantity
- ✓ Stock Quantity

## WEEKLY PRODUCTS

Weekly products design has been completed and waiting for the board approval.

## FUTURES PRODUCTS

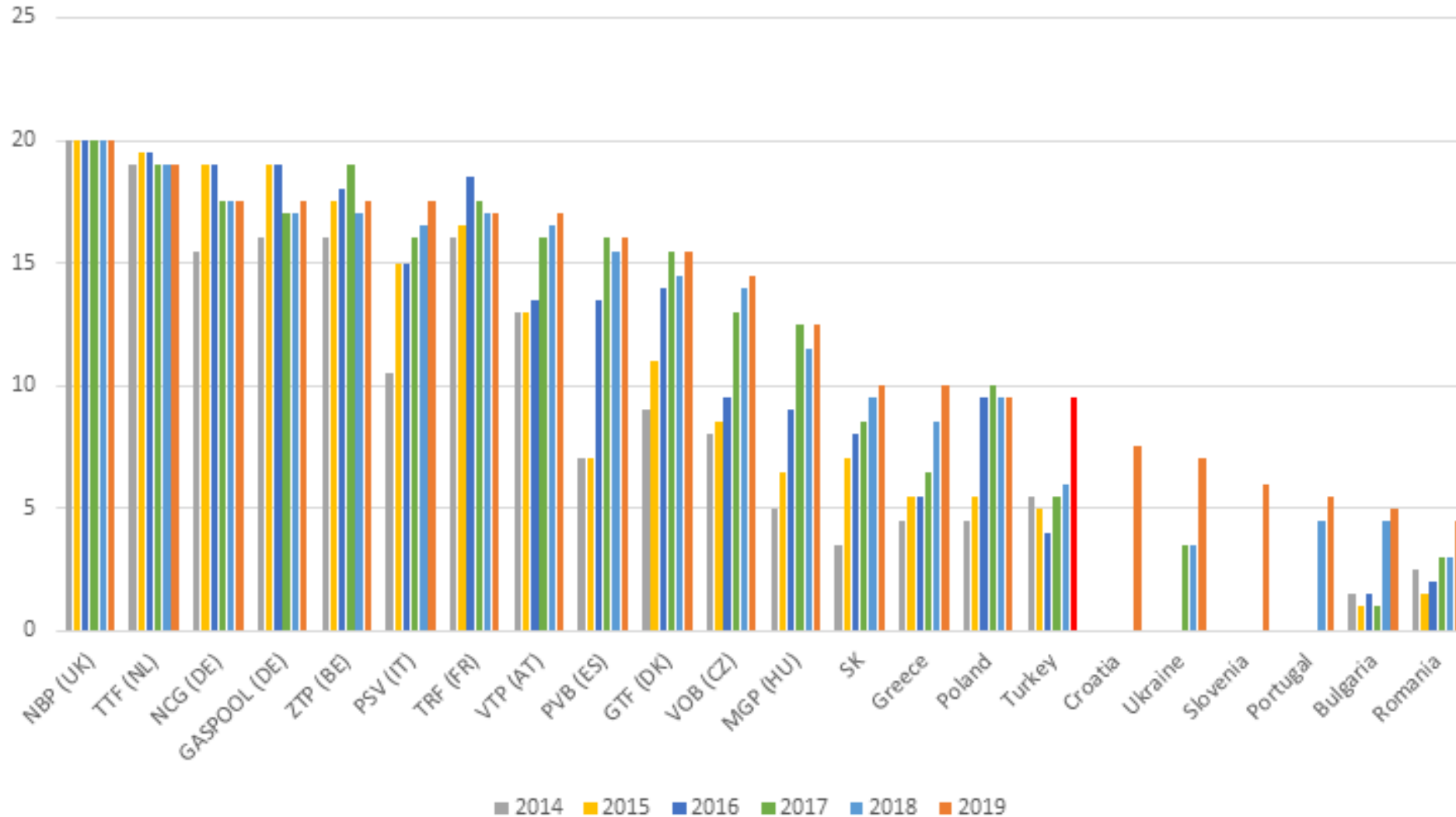
Draft market design and draft legislation is completed by EPIAS and is about to be submitted to EMRA.



## BÜLTENLER

The bulletin can be found on EPIAS website which contains daily data and analysis of Turkish gas market. Monthly and yearly reports will be published in the near future.

EFET 2019 Gas Hub Benchmarking Study





# TEŞEKKÜRLER

Enerji Piyasaları İşletme A.Ş.