



Role and functions of EPIAS in Turkish power market

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- **EPIAS has a long history**
 - A draft for amendment of 4628 Electricity Market Law (EML) was prepared by EMRA and sent to Ministry of Energy to create EPIAŞ in 2008.
 - Initially EPIAS's name was Electricity Market Operations Company
 - It was discussed that an idea of creating an energy market operator with a change in the EML could be found controversial.
 - Later on after Turkey experienced natural gas shortage in 2012 Winter the need for a natural gas spot and exchange was generally accepted and EPIAS become Energy Market Operations Company

- Later 2008 draft evolved to be a major amendment draft for EML due to further needs and finally it was decided that a new Law instead of an extensive amendment would be structurally more robust.
- 6446 (new) EML has emerged and was enacted on March 14, 2013

- ❑ EML stated that EPIAS **has to be established in 6 months** following the enactment of the Law and overtake operations in another 6 months time.
- ❑ Share holder structure 30% TEIAS (TSO) 30% BIST (stock exchange) and 40% private sector companies. **TEIAS is to transfer %15 of the shares to BOTAS** (natural gas system operator) as EPIAS will also run natural gas markets in the future
- ❑ The process delayed as there was a Higher Planning Board decision prohibiting any public company (in this case TEIAS) to have more than 15% shares in a private company.

- **EPIAS was finally established March 2015.**
- **Licensed and overtook operations from TEIAS on September 1, 2015.**
- **The Operations EPIAS undertook:**
 - **Market operations of:**
 - **DAM**
 - **Intraday**
 - **Settlement of:**
 - **Balancing Power Market**
 - **Ancillary Services Market**
 - **Eligible Customer operation**
 - **Database**
 - **Switching agency**

- **EPIAS will also:**
 - **Under current regulation:**
 - Calculate Maximum and Minimum Bid prices for day-ahead and balancing power markets
 - Surveillance of the markets
 - **Envisaged regulations for the future:**
 - Calculate profiles for consumers without hourly meters
 - Calculate Collateral requirements for the market participants and manage the risk fund
 - Manage the registration process
 - Handle most of the objections from consumers and market participants

- **As of now EPIAS does not have many responsibilities regarding import and export activities.**
 - **Synchronous parallel interconnections are registered on TEIAS**
 - **TEIAS is responsible from imbalances of these points.**
 - **Capacity owners have the right to nominate flows to the day-ahead market and they can either sell it in day-ahead market or bilaterally to a counterpart.**
 - **Asynchronous parallel connections are registered on the company/companies which has/have acquired capacity rights.**
 - **Imbalances are passed through the companies.**

Thank You
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