



SİLİVRİ NATURAL GAS STORAGE FACILITY



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TP PUT SİLİVRİ NATURAL GAS STORAGE FACILITY INTO SERVICE IN 2007, WHICH IS THE "FIRST AND UNIQUE" UNDERGROUND STORAGE FACILITY IN TURKEY.

BOTAŞ Silivri Natural Gas Storage Facility has been put into service in 2007, which is the first underground storage facility in Turkey.

The main objective of the underground natural gas storage is to compensate the seasonal differences in natural gas consumption. Natural gas is injected to the reservoirs in low-demand periods while it is produced back from reservoirs in high demand periods.

In addition, the natural gas is stored for the following secondary purposes:

- to have strategic reserve in case of technical problems on gas supply,
- to meet excessive demands for short terms,
- to meet excessive electricity demands on summer period,
- to manage take-or-pay obligation,
- to balance the flow in pipeline system,
- to decrease price fluctuation.

Silivri Underground Natural Gas Facility has two fields. One of them is Kuzey Marmara Field which is a depth of 1200 meters and discovered in Marmara Sea in 1988. Other one is Değirmenköy Field which is a depth of 1100 meters and discovered in 1994. After feasibility study that determines the fields appropriate for storage services, "Natural Gas Storage and Reproduction Services Agreement" was signed between TP and BOTAŞ on 21.07.1999. Surface Facilities was awarded with EPIC type of bidding and commercial activity has started on 01.04.2007.

Storage facilities have a total storage volume of 2,841 BScm with maximum 16 MMScm/day injection and 25 MMScm/day withdrawal capacity. General Terms and Conditions for utilization of Silivri Underground Gas Storage Facilities is approved by Energy Market Regulatory Authority (EMRA) and published in Official Gazette of Republic of Turkey on 06.04.2012. After that, the facility has granted non-discriminatory access to third parties.



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| 09:00 | Departure to Silivri Natural Gas Storage Facility by Bus |
| 11:25 | Greetings by representatives of Silivri Natural Gas Storage Facility |
| 11:30 | Briefing |
| 12:00 | Questions and Answers session |
| 12:30 | Technical Tour |
| 15:00 | Departure from Silivri Natural Gas Storage Facility |