

Natural Gas National Grid Projects



The Ministry of Petroleum and Mineral Resources has adopted an integrated plan to develop and upgrade the gas grid infrastructure, as the importance of maintaining the high efficiency level of the national gas grid emerged from believing that the gas pipelines are the most vital link in the gas supply chain. National Gas Grid is continuously upgraded and sustained which made it the largest and longest in Africa and the Middle East (86 thousand km with capacity about by end of 2022/2021

The network is controlled and monitored by using the latest technological systems (SCADA system).

The implemented Natural Gas pipelines during the period from 2014/2015 till January 2023:

The implementation and operation of a number of main gas lines to support the national gas network have been completed with a total length of 1234 km and a total cost of about 19.5 billion pounds, including pressure stations.

The most prominent of these is the gas lines feeding the giant power stations recently established by the state in the Administrative Capital, Burullus, and Beni Suef established by Siemens, Al-Amriya / El-Alamein gas pipeline to deliver natural gas to the northern coast regions up to the new city of El-Alamein, That's to support the plan of supplying new cities with natural gas, including the new city of El-Alamein as one of the most important areas covered by the state's plans for sustainable development, and works to supply the new city of El-Alamein with natural gas, including The city's industrial, residential, and tourist complexes, as well as the petrochemical complex that is planned to be implemented during the coming period, in addition to the Al-Tineh West/Mit Nama pipeline to transport the gases of the Zohr region and support the national network for the southern region of Egypt.

Ongoing projects:

A number of natural gas pipelines are being implemented to support the national network and implement development plans and replace fuels with natural gas in the various consuming sectors, with a total length of about 75 km and a total cost of about 7.5 billion pounds, including pressure stations.

The most important of which is the Sulaymaniyah/North Giza line, the Fayoum expansion lines project (Hayah Kharima), a doubling line across Sinai, and the Dahshur compressor units 5 , 6 project.