
National Grid SA Profile

20
23



National Grid SA

Is a subsidiary that is wholly owned by Saudi Electricity Company “SEC”, it was established in Jan. 2012 and is responsible to plan, design, develop, operate, and maintain the transmission network in the Kingdom of Saudi Arabia, considering the highest international standards & best practices to deliver reliable & cost effective services to its customers. Today, transmission network span more than 95,000 CKM to cover more than 13,000 cities and villages. In addition, managing assets of an overall value exceeding 172 B.SAR.



95,132 CKM
transmission network



13,000
cities and villages



172 B.SAR
Assets exceeding

National Grid SA

Executive Management



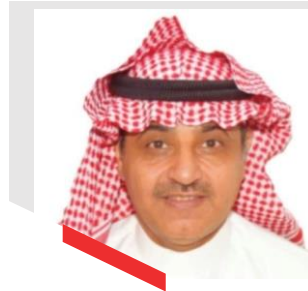
**Waleed
Abdullah Al-Saadi**

CEO NATIONAL GRID SA



**Abdullah
Mubarak AlSubaii**

VICE PRESIDENT,
NETWORK OPERATION



**Rashid
Abdullah Al-Shehri**

VICE PRESIDENT,
MAINTENANCE



**Ahmed
Saleh Al-Zahrani**

VICE PRESIDENT,
SYSTEM PLANING



**MOHAMMED
SALEH M ALOTAIBI**

VICE PRESIDENT,
Engineering & Asset Management

Highlights



Vision

To be a performance -driven organization delivering cost effective services.



Mission

Transmit electricity and deliver smart service solutions in a dynamic market.

National Grid SA with its diversified strategic planning & shared vision strive to achieve mission and long- term strategic goals.

Assure safe growth, reliability, and meet customers needs and stakeholders expectations.

Goals

- Meet the international safety standards
- Achieve the 1st quartile in reliability
- Reach 60% Asset Management Maturity

Safety, Reliability, Efficiency



- Enhance CAPEX efficiency
- Achieve and roll-out planned and approved future network

Transmission Infrastructure Of the Future



- Optimisation of ancillary services

System Ops & Market



- Increase stakeholders compliance and satisfaction

Stakeholders & Customers



- Reach level 5 of the maturity of the governance
- Increase satisfaction and engagement of employees

People & Governance



- Digitalisation maturity
- Deploy number of promising transmission technologies
- Launch number of new services

Innovation & New Business



Values



Performance Excellence,
Customer Focus,
Teamwork,
Safety,
Agility,
Integrity.



نقل الكهرباء

National Grid SA

70.66

**KSA MAX PEAK
(GW)**



355,982

**ENERGY TRANSMITTED
(G.W.H)**



1,233
SUBSTATIONS



95,132

TRANSMISSION LINE
LENTH (CKM)



487,448
CAPACITY (MVA)



3,940

TRANSFORMERS



87,794

FIBER OPTIC
LENTH (KM)

National Grid SA, carrying out the transmission of electricity and providing smart services that meet market developments and support the sustainable development of the national economy in order to achieve the vision of Saudi Arabia through a thriving economy aiming to maximize the achievable value of the energy sector. The organizational structure of the company includes Four main activities: operations and control, maintenance, planning, engineering in addition To Six Central Departments



Functions:

- Operation and maintenance of transmission network with high reliability to ensure the delivery of electrical power to all parts of the Kingdom.
- Planning, design and the implementation of projects and ensuring the continuity of program development.
- Studying the load expectations and develop plans to enhance the electrical system.
- Communicate with customers, identify their needs and provide them reliable electricity.
- Strengthen electrical supplies and reduce costs.
- Striving towards making NG a world-class digital utility



Preserving The Environment

Despite the significant challenges facing the company to meet the ever-growing demand for electricity and the accompanying environmental effects at the local and regional levels, National Grid SA is committed to reduce these consequences, as much as possible, while complying with all environmental laws and regulations required to reduce pollution, protect the environment and support public health. With careful management, the company can support sustainable development without disrupting the company's commitment to provide its customers with their energy needs.

The company's environmental vision to "lead the way in protecting the environment at the level of the Kingdom" is in line with the Kingdom's Vision 2030 and supports the national economy's diversification by reducing dependence on oil and preserving the environment. Through its strategic transformation program, the company is committed to take on a leadership role in protecting the environment through its updated environmental policy in 2019, which deals with the diversification of clean energy sources, the optimal use of resources, reuse and recycling, waste minimization measures, as well as compliance with all prevailing environmental laws and regulations that contribute to reduce the emissions of greenhouse gases. Compliance with environmental standards.

All of the company's projects are designed to comply with the prevailing environmental standards in order to achieve compliance with environmental regulations and legislations that contribute to improving the environment of the Kingdom.



Stakeholders & Partnerships



وزارة الطاقة
MINISTRY OF ENERGY



ارامكو السعودية
Saudi Aramco



سابك
SABIC



وزارة المالية
Ministry of Finance



Scientific Council Partnerships



جامعة الملك فهد للبترول والمعادن
King Fahd University of Petroleum & Minerals



OMAINTEC
المجلس العربي للتشغيل والصيانة
Arab Operations & Maintenance Council





نقل الكهرباء
National Grid SA



National Grid SA
Website

