



# The Electric Power System

**- ISRAEL -**



# Basic facts

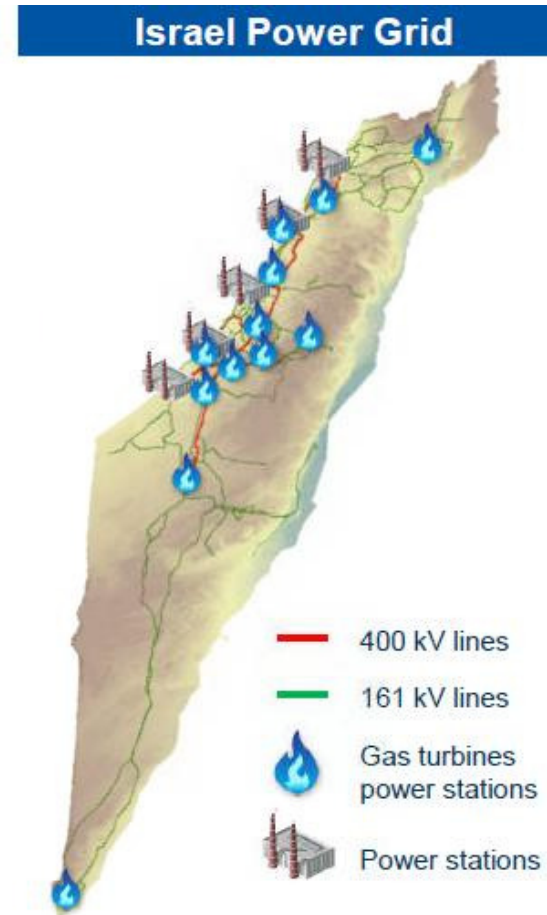
- ❑ Area: ~22,000 km<sup>2</sup>
- ❑ Population: 8.3 Millions
- ❑ Number of electricity consumers: ~2.6 Millions
- ❑ Number of TSOs: 1
- ❑ Number of DSOs: 4
- ❑ Peak load: ~11,500 MW



# Global map of the grid

NO  
Interconnections

« ELECTRICITY ISLAND »



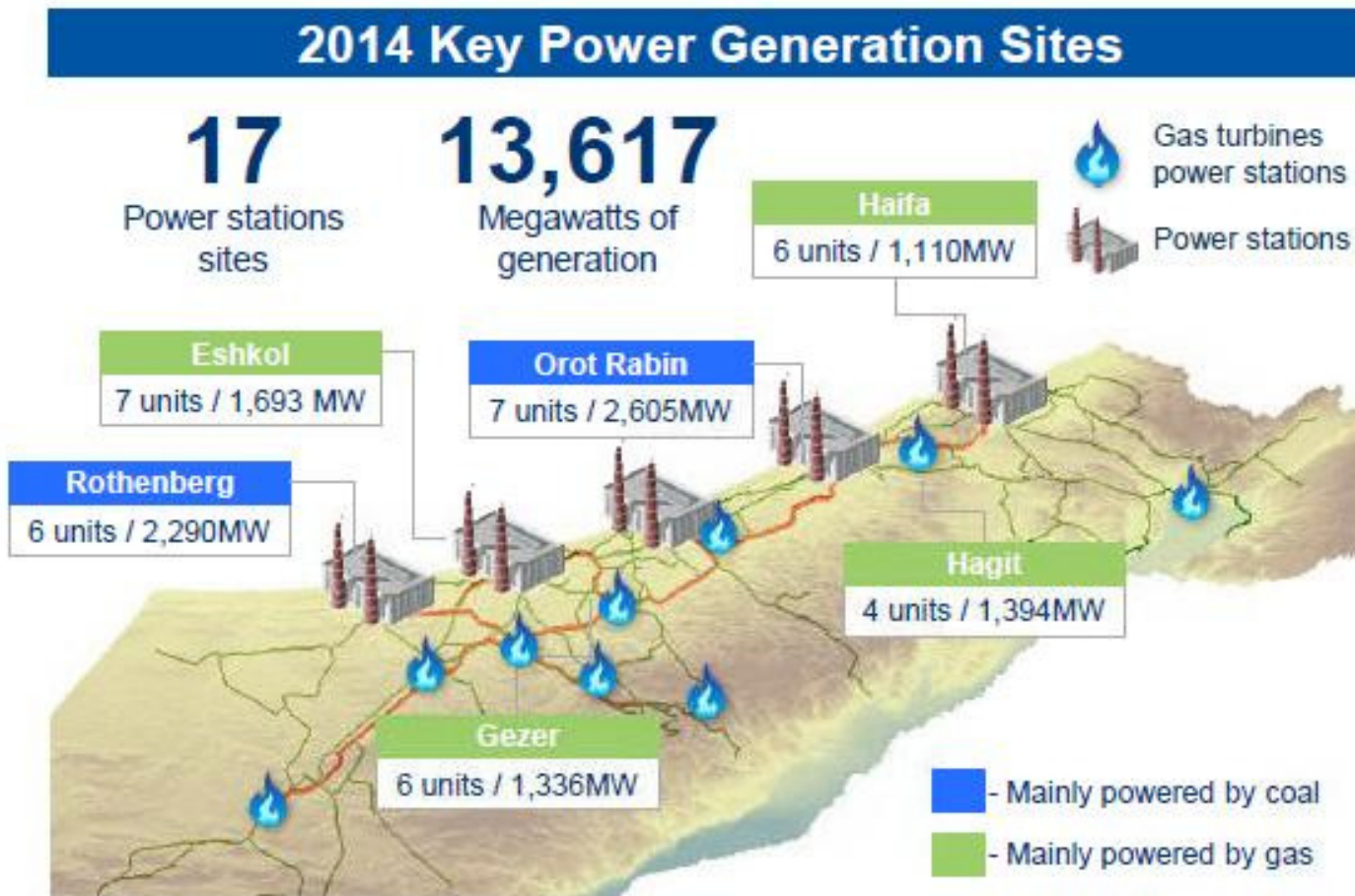


# Grid facts and characteristics

Transmission		Distribution
Transformation System	Power Lines	Distribution Capacity
<b>10</b> Switching stations	<b>741 km</b> 400 kV lines	<b>49,735 km</b> Medium and low voltage lines
<b>143</b> Substations	<b>4,579 km</b> 161 kV lines	<b>48,070</b> Distribution Transformers
<b>43</b> Private substations	<b>115 km</b> 115 kV lines	<b>2.6 mn</b> Customers

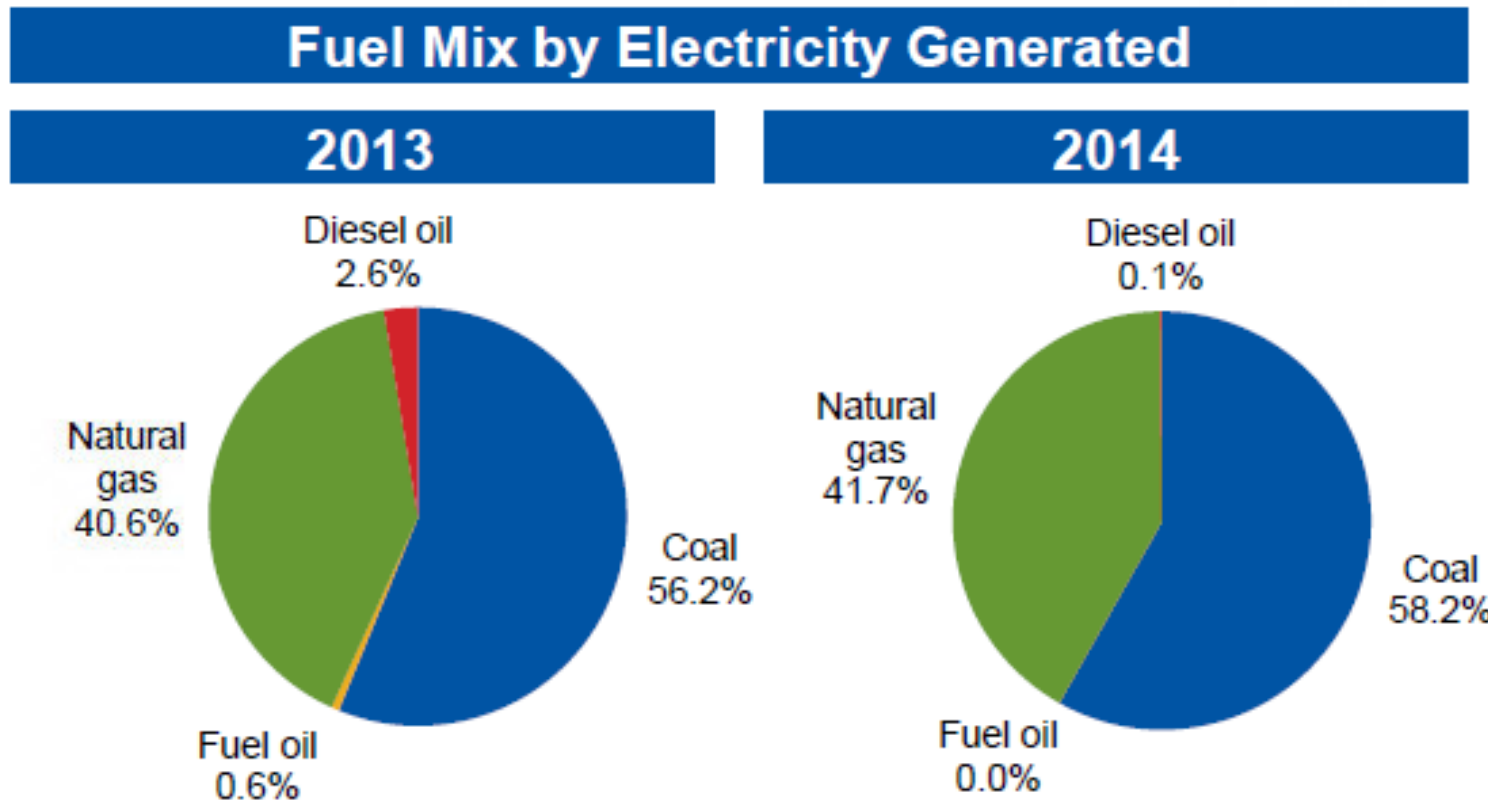


# Installed capacity with reference to primary resources





# Energy production with reference to primary resources

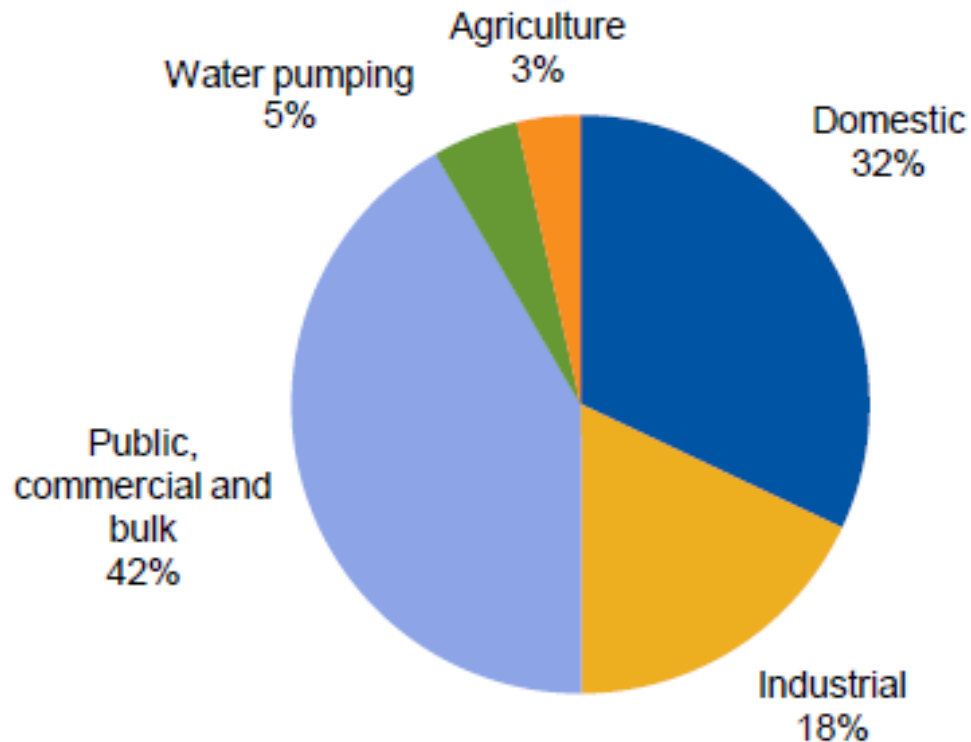




# Consumption per customer groups

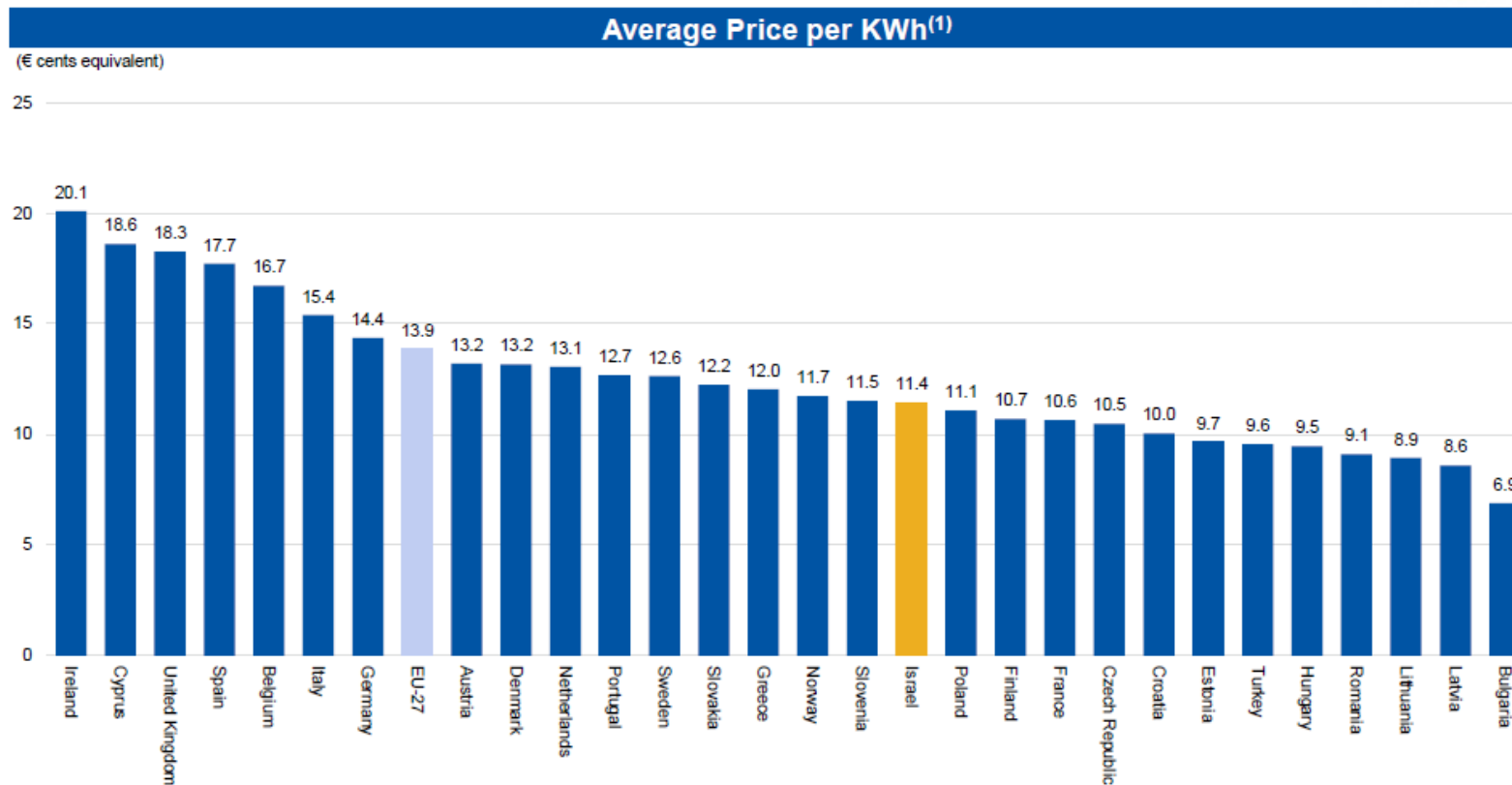
## Total Electricity Consumption by Customer Type

(kWh)





# Price development



Despite several increases in the tariff, aimed at reflecting the Company's costs, the electricity rate in Israel is lower than most of OECD peers

Source: Eurostat, Electricity prices for household consumers, as of June 2014; Based on EUR/ILS rate of 4.72.  
1) Average national price in Euro per kWh without taxes for medium size household consumers (consumption band DC with annual consumption between 2500 and 5000 kWh).