



الهيئة العامة للإحصاء
General Authority for Statistics

Productive efficiency percentage of electricity

2010 - 2018





Indicator Description:

Due to the importance of data in the energy sector and the existence of many requirements on statistical data that contribute to the achievement of the vision for the Kingdom 2030, as well as its important to researchers and decision makers. The indicator of electricity productive efficiency is considering as one of the most important indicators of energy security, Safe and adequate energy resources for domestic consumption and foreign trade.

Index collection method:

Electricity productive efficiency indicator is depending on indicators from administrative records. Data are collected from the producer of the data such as the Ministry of Energy, Industry and Mineral Resources and the Electricity and Generation Regulatory Authority.

Indicator Calculation Method:

The indicator calculated using this formula:

- Efficiency of Electricity production = $\frac{\text{Amount of natural gas extracted}}{\text{Aggregate natural gas reserve}} * 100$
- If the unit of the indicator components are different, conversion factors are used.



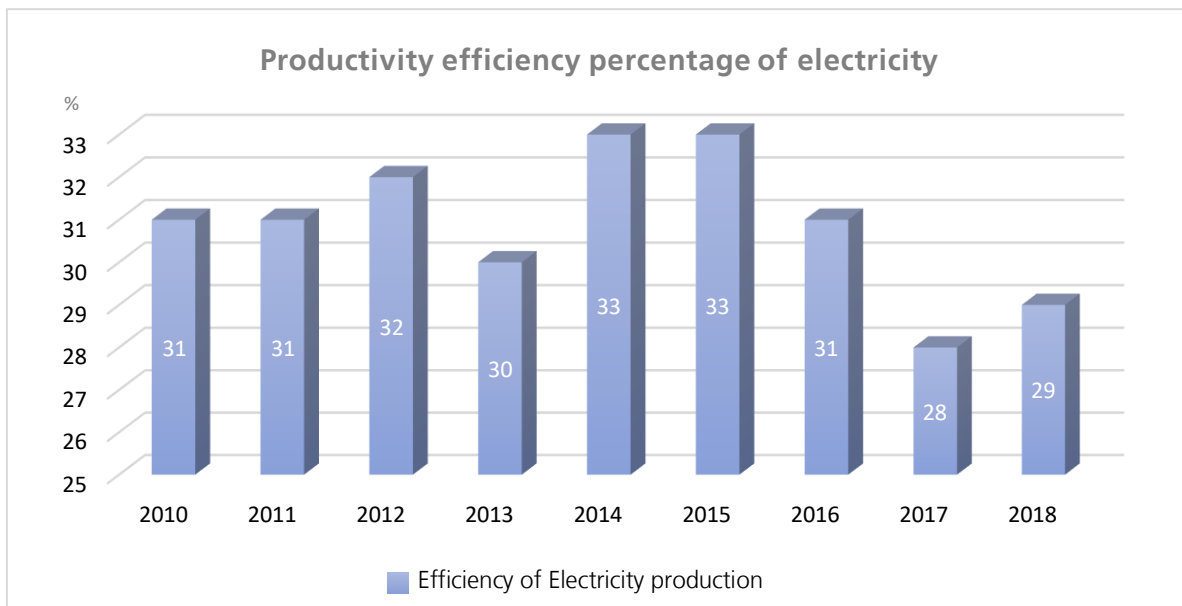


Table & Chart:

Indicator of electricity productivity efficiency percentage

years	Indicator		
	Fuel consumption for electricity generation	Produced Electricity	Efficiency of Electricity production
	unit		
	TBTU	GWH	%
2010	2,077	189,416	31
2011	2,101	193,952	31
2012	2,254	211,603	32
2013	2,280	203,372	30
2014	2,288	219,133	33
2015	2,238	215,670	33
2016	2,281	209,692	31
2017	2,545	206,938	28
2018	2,264	192,606	29

Reference: Electricity & Cogeneration Regulatory Authority





Summary:

Electricity productive efficiency percentage hit (29%) in 2018, compared to (31%) in 2010.



