

WHAT ENERGY MIX for TURKEY in 2030

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- Energy policy based on
 - Good analytics
 - Defined procedures
 - Well-trained personnel
 - Engaging all stakeholders

→ Weekly Reports

- Dünya Enerji Görünümü (Weekly) – Weekly news letter
- Enerji ve İklim (Weekly) – 10 day and 6 months forecasts of weather events
- Enerji İstatistik Bülteni (Weekly) – Weekly statistics for coal, oil products, natural gas, prices etc.
- Electricity Report
- Natural Gas Report
- Water Report

→ Monthly Reports

- Aylık Enerji İstatistikleri (Monthly Energy Statistics)
- Aylık Elektrik Üretim Yatırım İstatistikleri (Installed capacity progress in detail)

→ Forecasts

- 10 day forecasts (every weekday)
- Long term forecasts (updated every month)
- Price forecasts based on international sources (monthly)

Why hunger for Electricity?

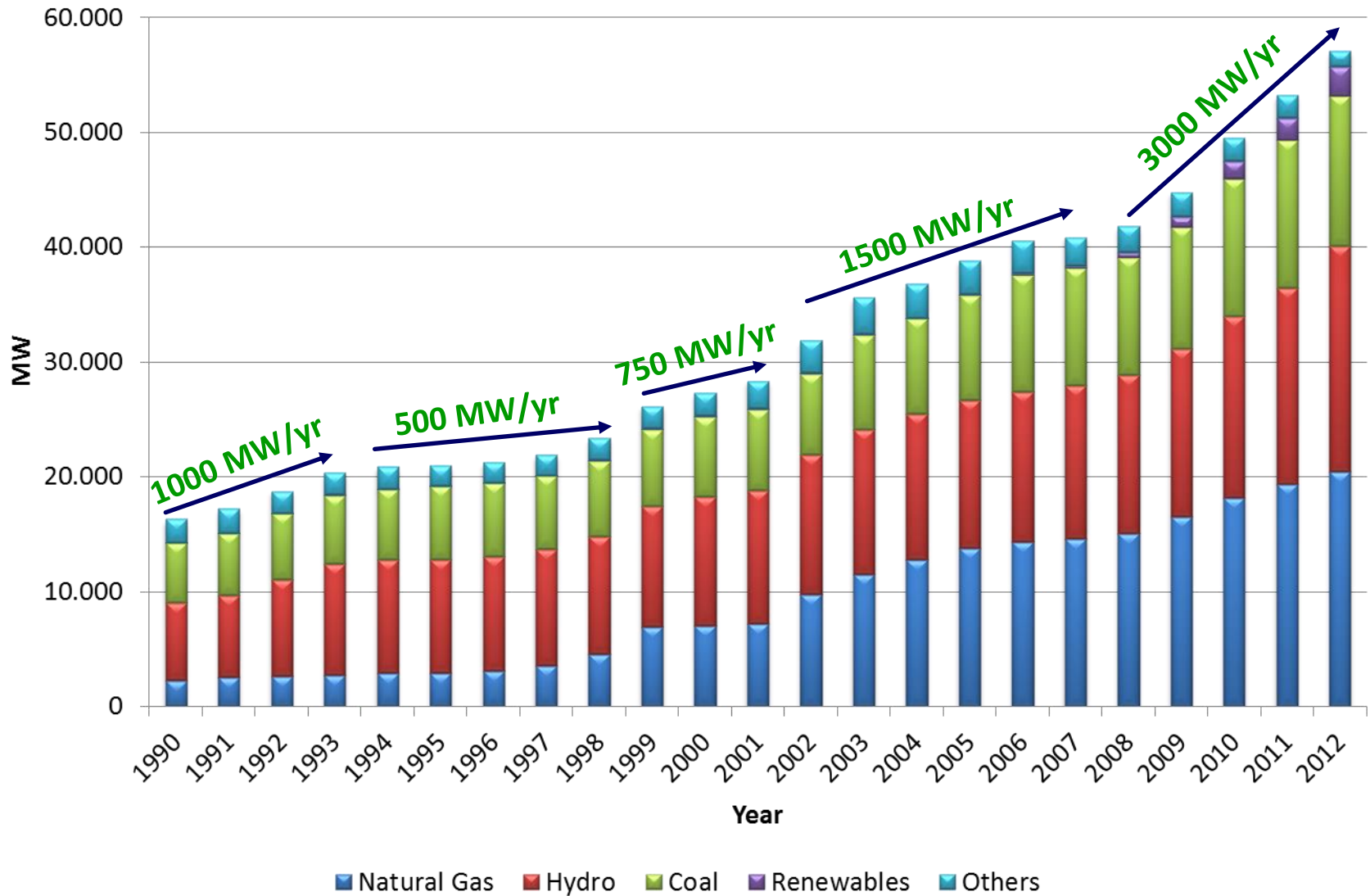


Why nations fail?
Daron Acemoğlu & James Robinson
Rail roads - 1870

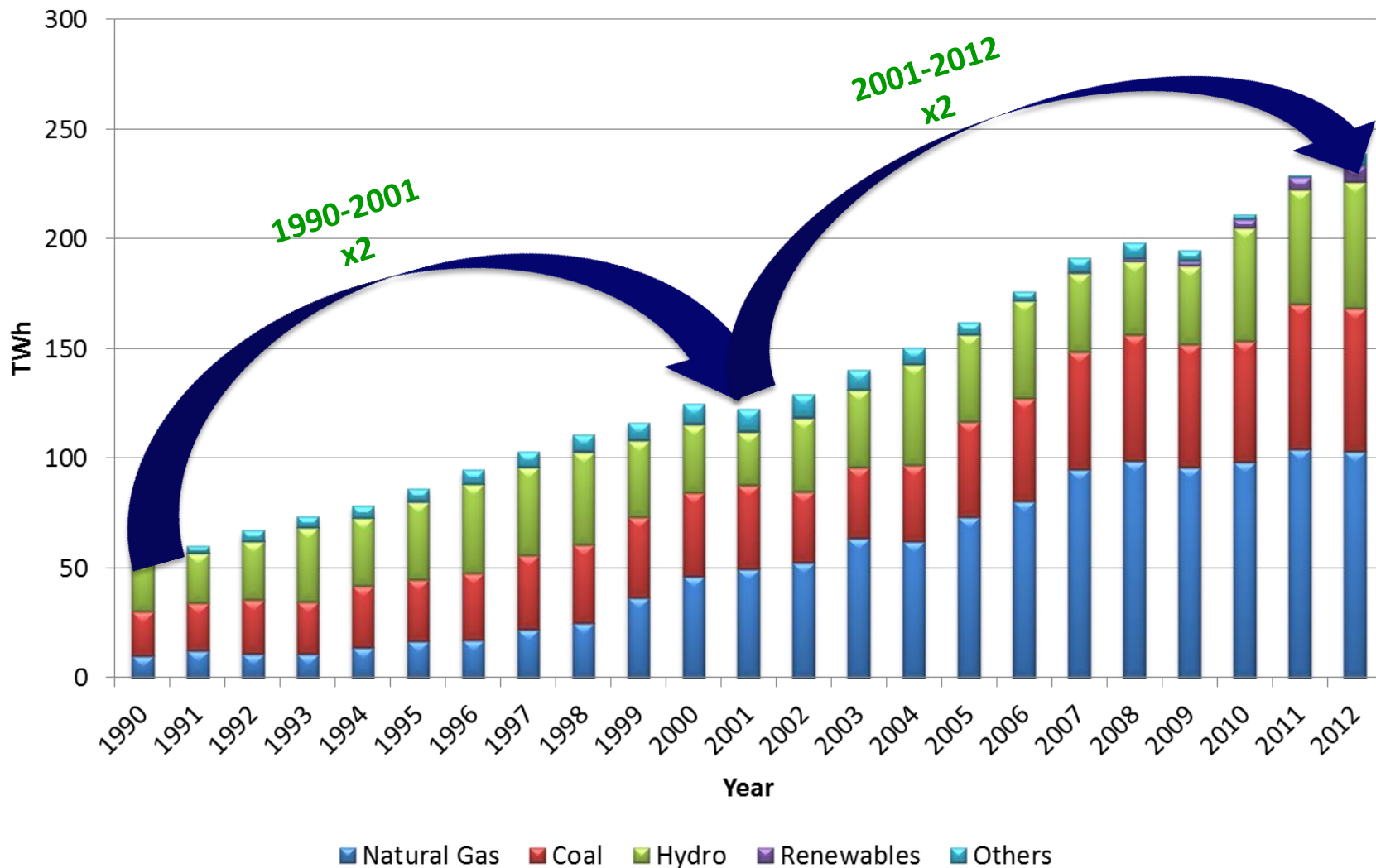
ENTSO-E Map - 2012 (TEİAŞ has one of the largest grid networks in Europe)



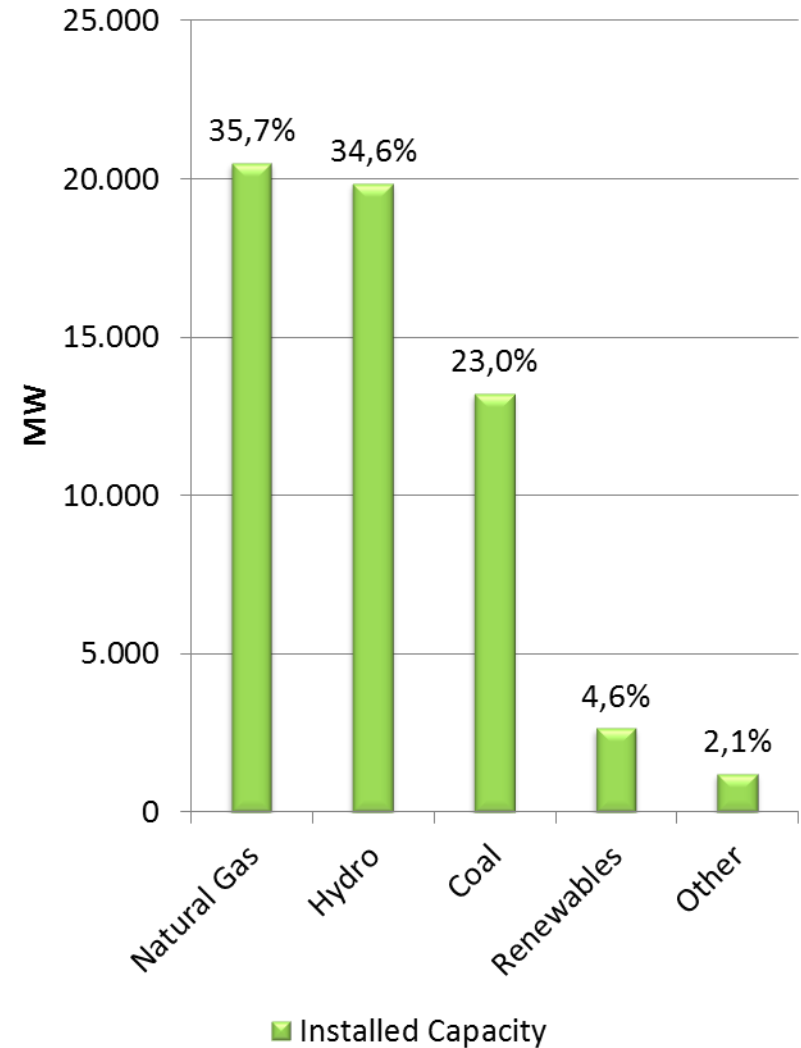
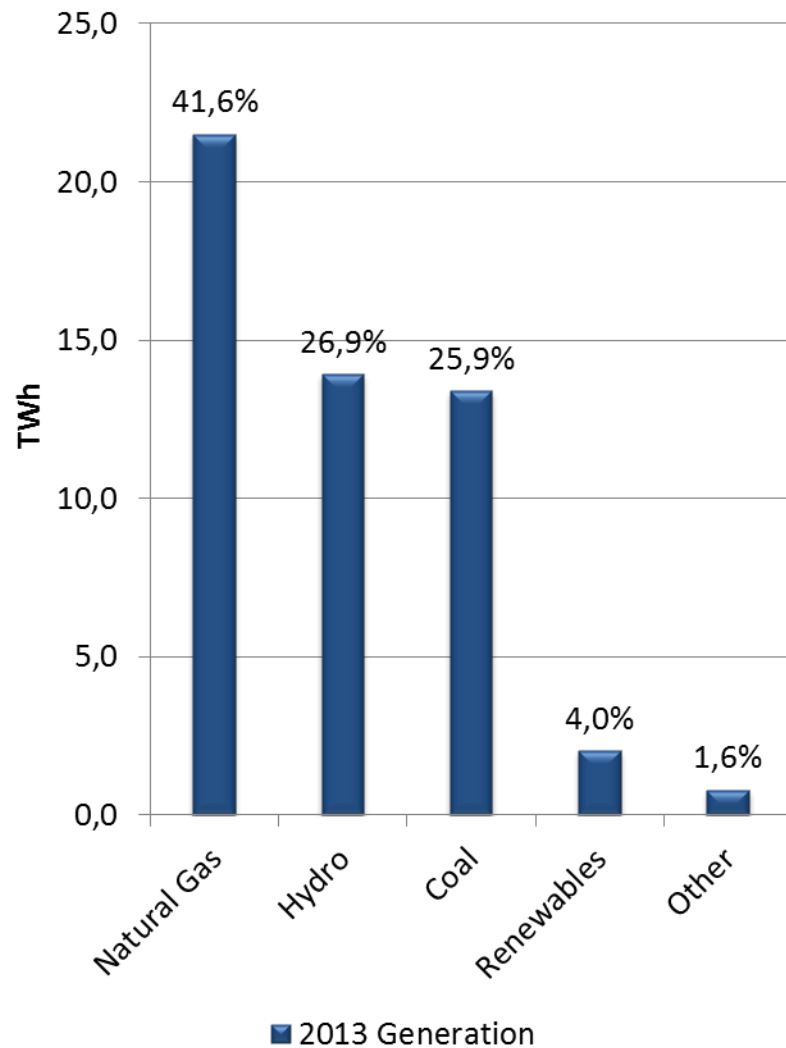
Installed Capacity by Resources between 1990-2012



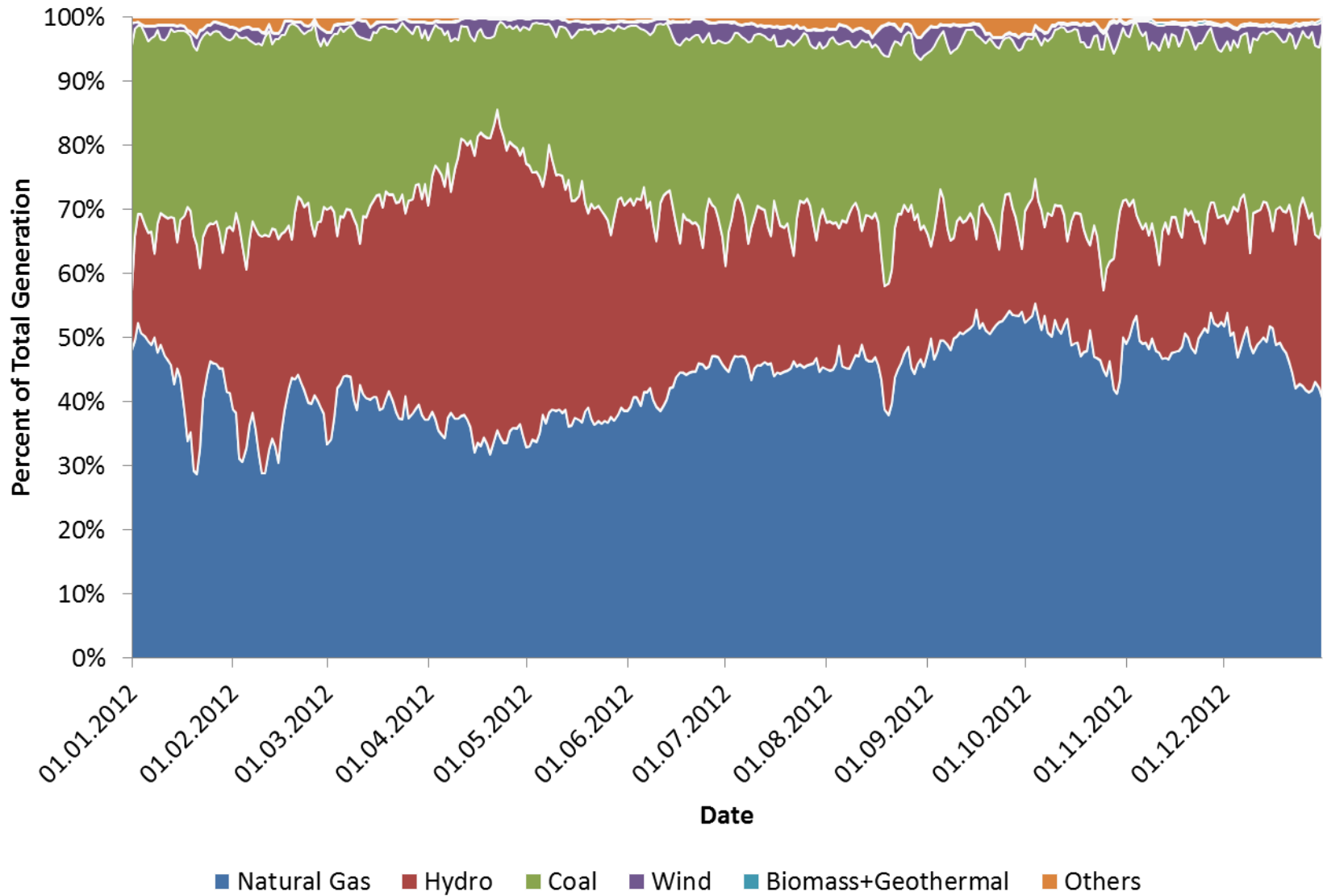
Development of Turkey's Annual Electricity Generation by Primary Energy Resources



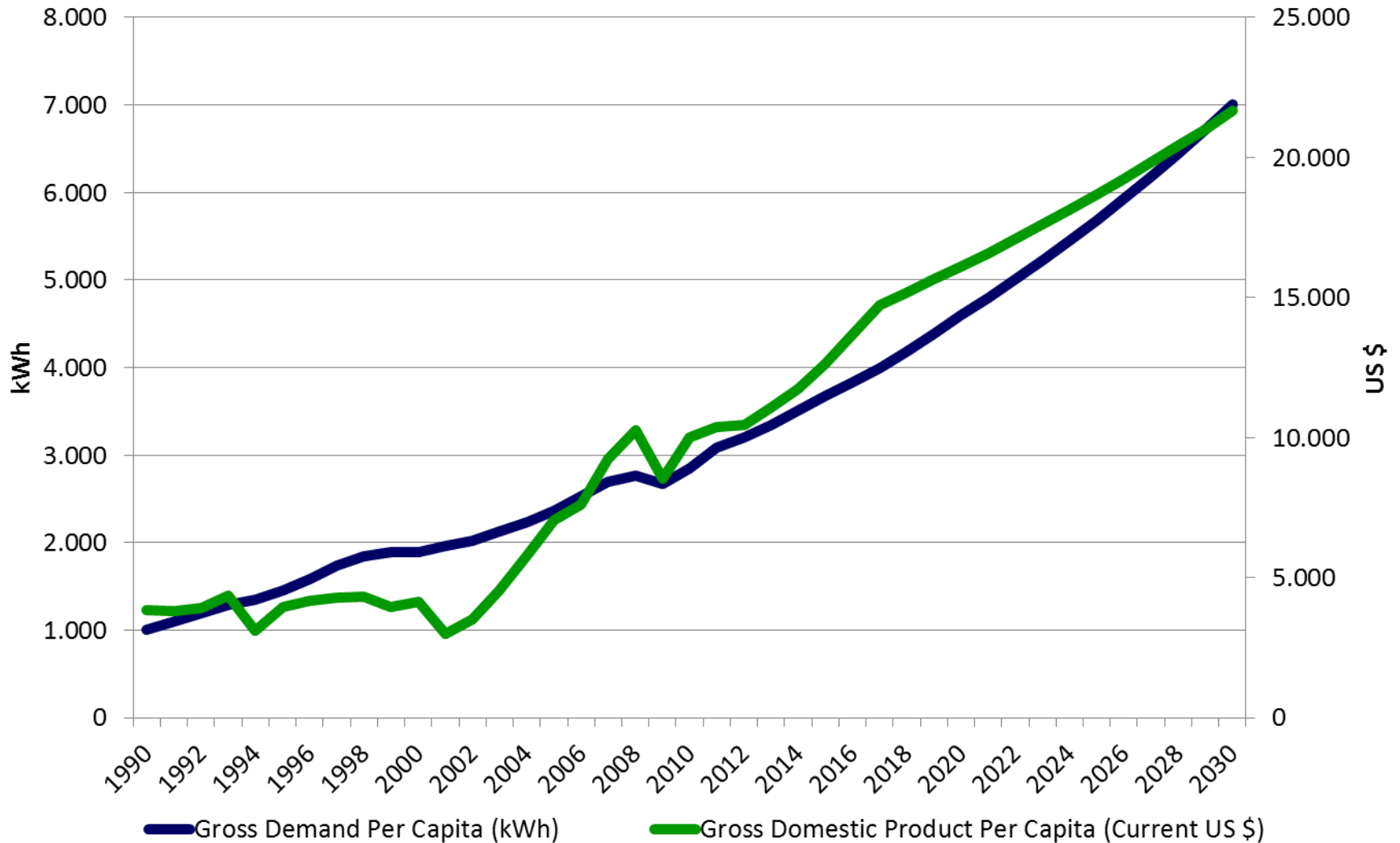
Electricity Generation By Primary Energy Resources and Installed Capacity as of March 20, 2013



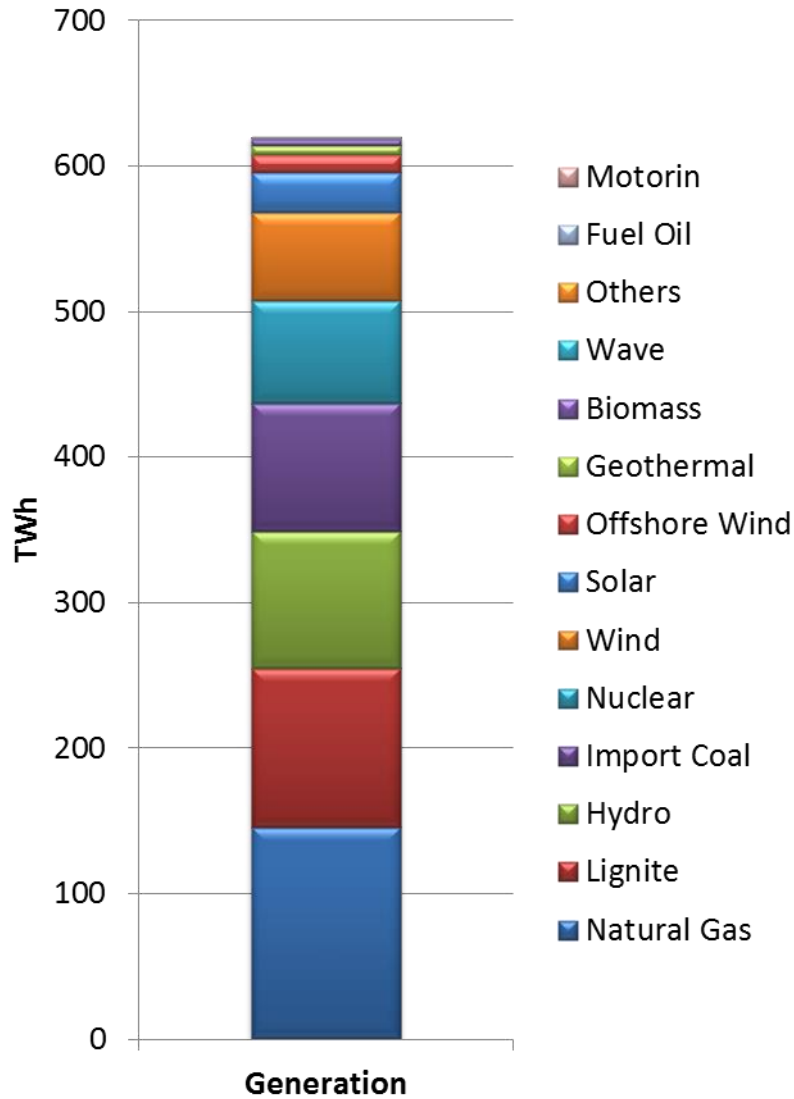
Daily Electricity Generation by Resources in 2012



Gross Electricity Demand Per Capita & Gross Domestic Product Per Capita

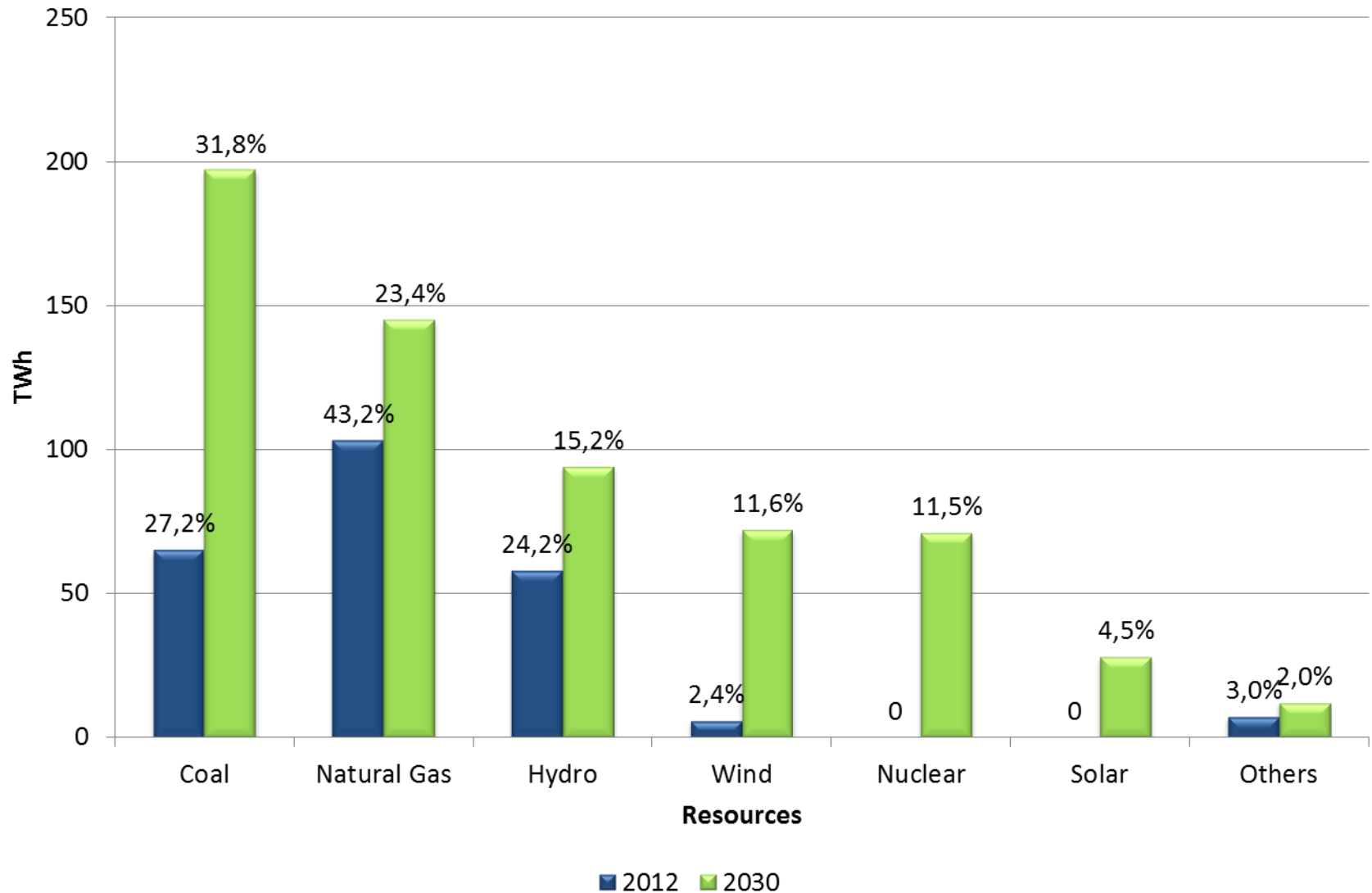


Yearly Electricity Generation by Resources in 2030

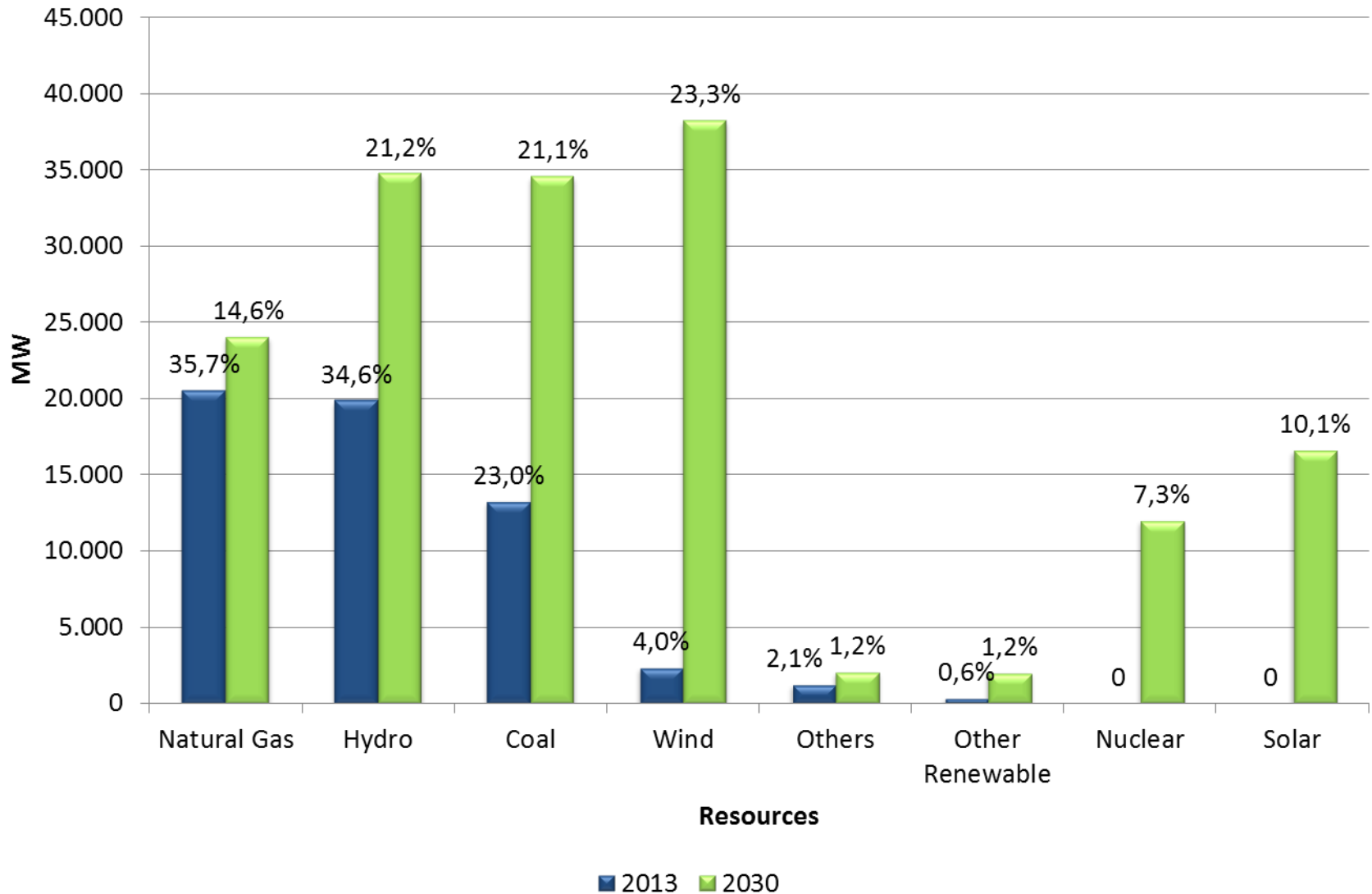


Resource	TWh	%
Coal	197	32
Natural Gas	145	23
Hydro	94	15
Wind	72	12
Nuclear	71	11
Solar	28	5
Others	12	2
Total	619	100

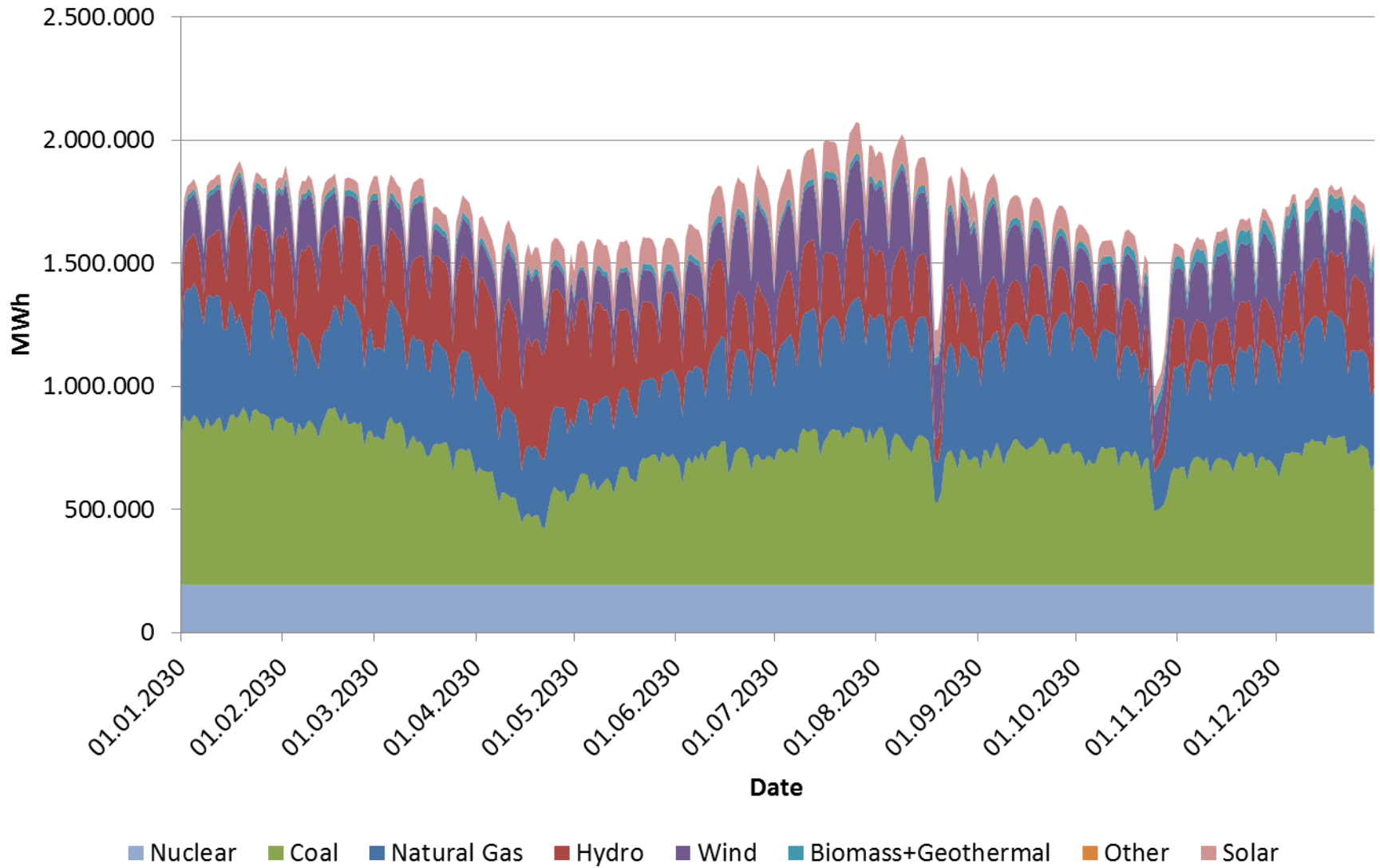
Yearly Electricity Generation by Resources in 2012 and 2030



Installed Capacity by Resources in 2013* and 2030

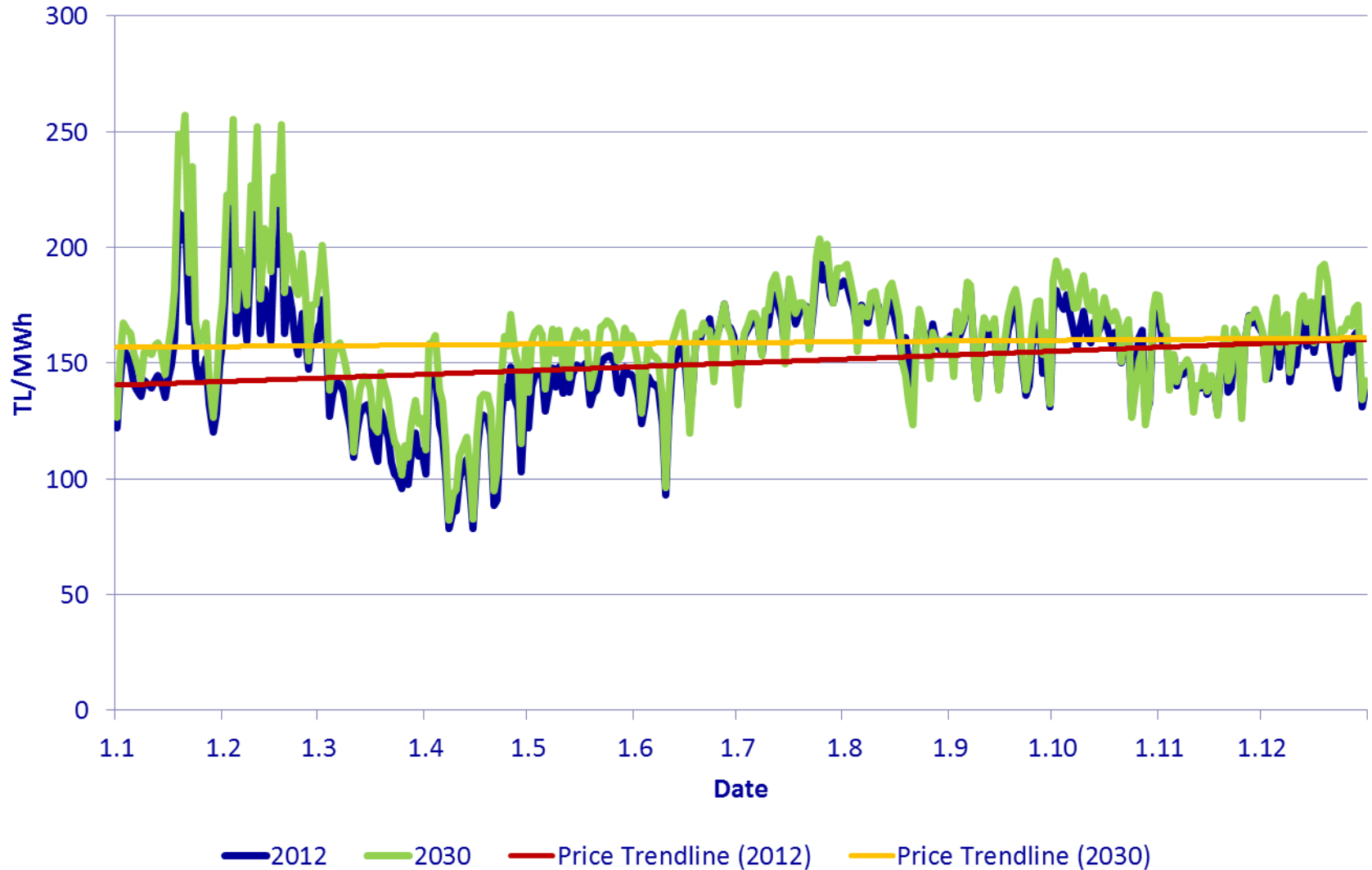


Daily Generation Projection by Resources in 2030



Source: GDEA

Comparision between Daily Weighted Average Market Exchange Prices in 2012 and 2030



Enerji İşleri Genel Müdürlüğü

General Directorate of Energy Affairs

THANK YOU!