

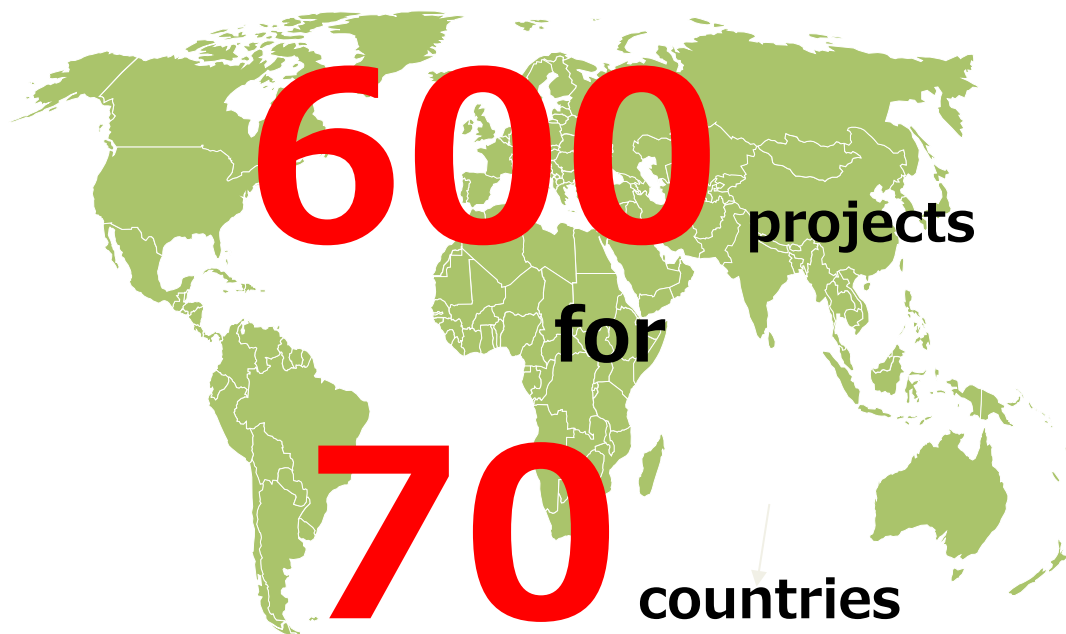
TEPCO: Who we are?

- 29mil; customers in the Tokyo metropolitan area
- Fukushima nuclear accident and nationalized
- World highest reliability
- Technical expertise to all over the world

Outage:

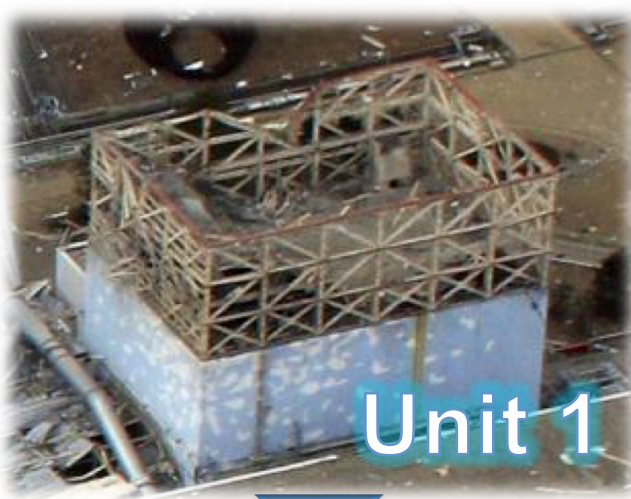
4 min p.a.

(2014, SAIDI)



Progress in Fukushima decommissioning

- Reactors are stably cooled
- Preparations for spent fuel & debris removal are in progress



TEPCO Holdings

- TEPCO shifted to a holding company system in April 2016, ahead of legal unbundling of transmission & distribution

TEPCO

Tokyo Electric Power Company Holdings

Support Functions + Nuclear, Renewable, R&D



Fuel & Thermal Power
Generation

TEPCO

TEPCO Fuel & Power



+



CHUBU
Electric Power

Jera

Energy for a New Era

Transmission &
Distribution



TEPCO Power Grid

Retail

TEPCO

TEPCO Energy Partner

Electricity System Reform in Japan

2015

Establishment of the Organization for Cross-regional Coordination of Transmission Operators

2016

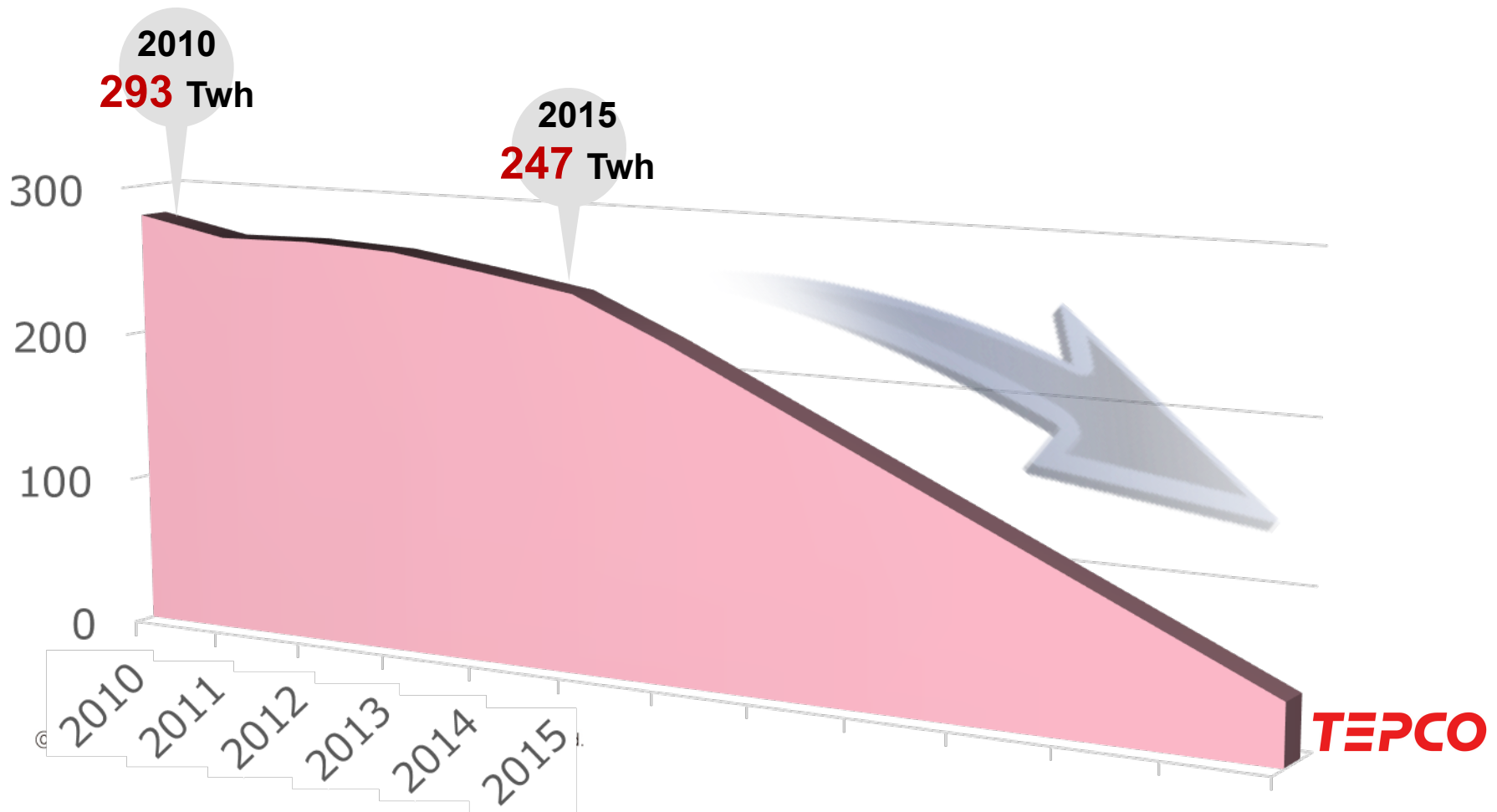
Full deregulation of retail market

2018
-202
0

Legal structural unbundling of transmission & distribution section

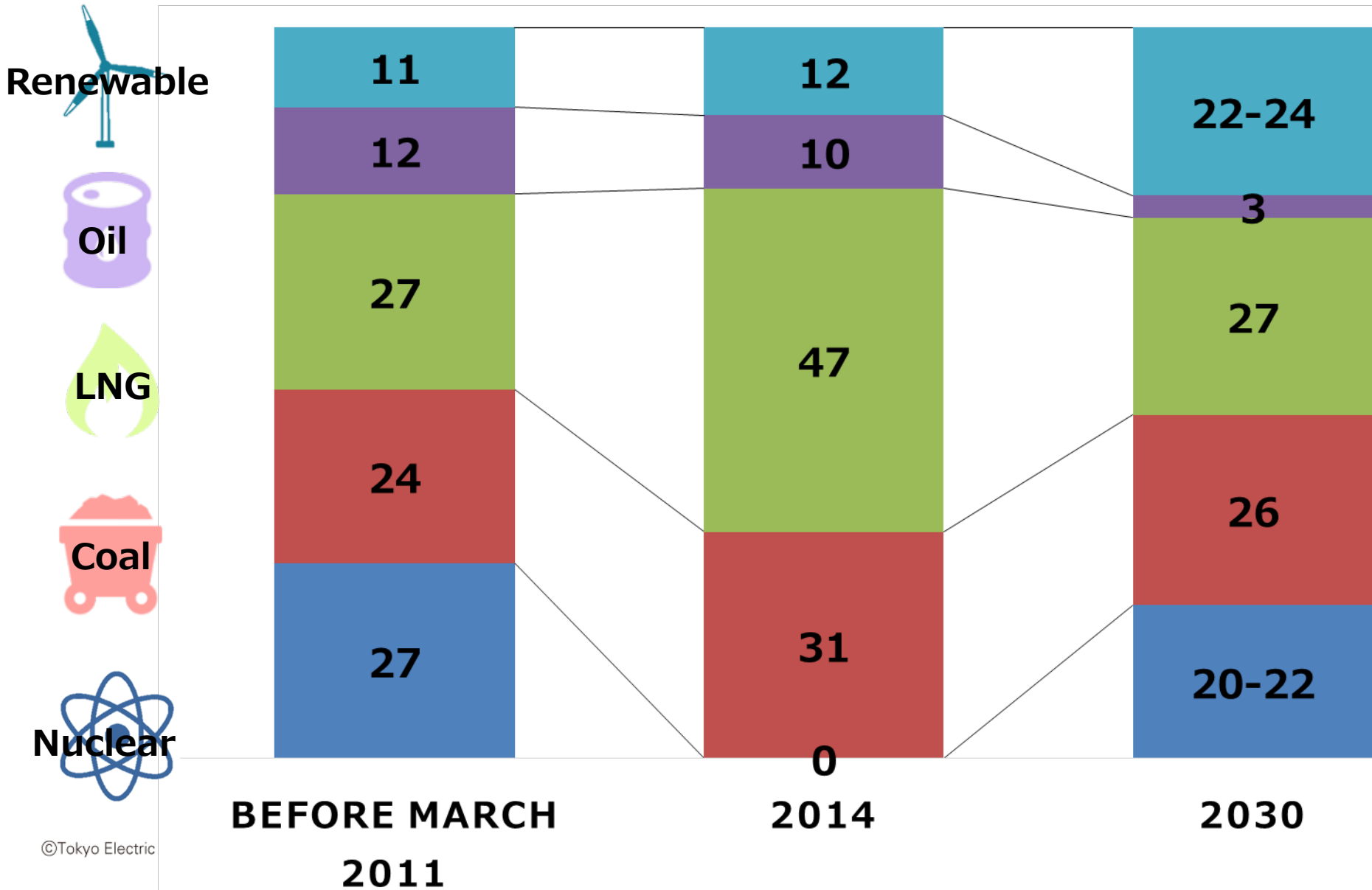
Power Demand

- Electricity sales is expected to decline due to;
 - Population decline
 - Production transfer
 - Energy conservation
 - Competition under fully-liberalized market



Energy Mix for 2030

- Japan continues to use nuclear as base-load power



Risk or Chance?

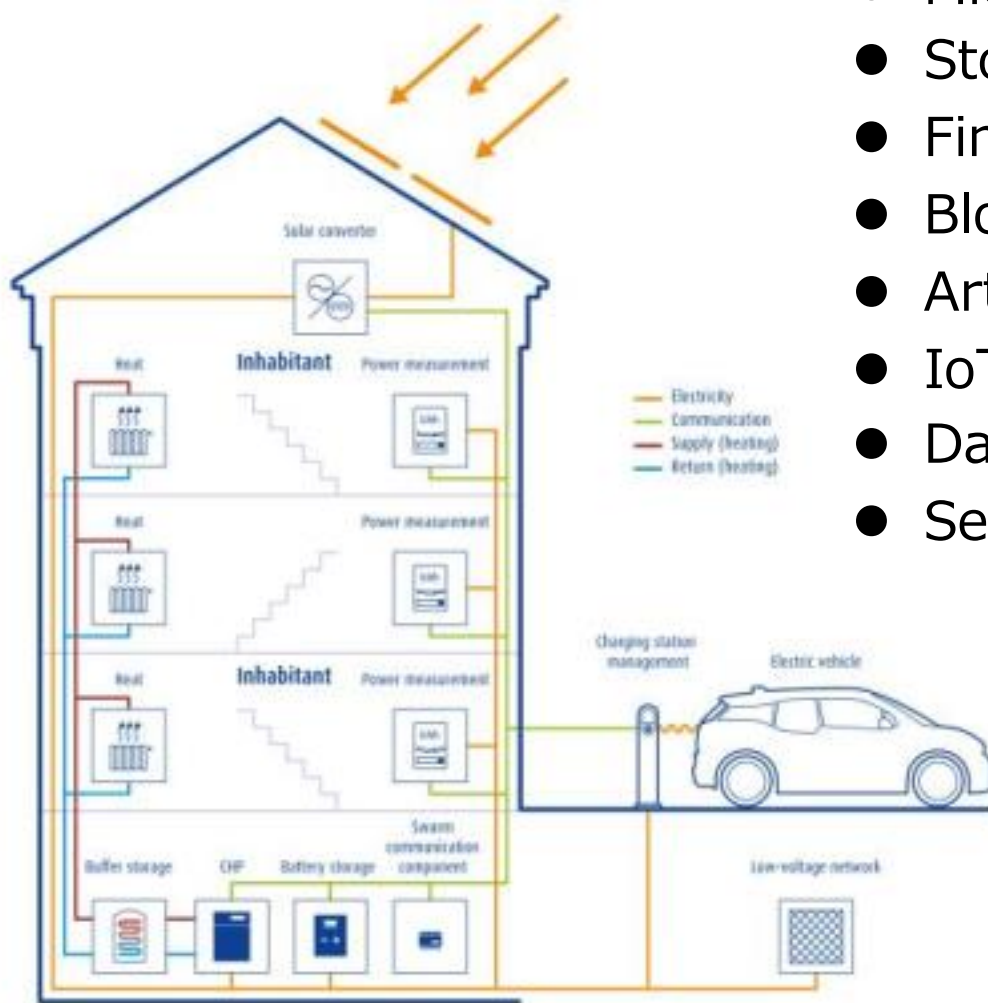
- Utilities need to overcome these changes with new ideas as well as advanced technologies

Deregulation

De-centralization

De-carbonization

Digitalization



- Renewable power generation
- Micro grids
- Storage
- Finance schemes
- Blockchain
- Artificial intelligence (AI)
- IoT
- Data analytics
- Security



“Japan faces tremendous energy production challenges in the near future and, TEPCO is committed to meeting those challenges by expanding access to renewable sources of power generation,”

said Hirokazu Yamaguchi, Executive General Manager, Global Innovation & Investments at TEPCO.

“United Wind’s innovative leasing model will help us to facilitate distributed wind energy adoption on a large scale and we are eager to partner with United Wind’s team to that end.”

An aerial night view of a city, likely Tokyo, with numerous lights reflecting on the water. The city lights are a mix of white, yellow, and blue, creating a vibrant scene. The water in the foreground is dark, with the city lights reflecting off its surface. The sky is dark, and the overall atmosphere is one of a bustling city at night.

Thank You

TEPCO

The Energy for Every Challenge