

Focus on the Future for Electric Utilities

National Foundation for Women Legislators
Annual Conference
September 14, 2015

Stuart Solomon
President and COO
Public Service Company of Oklahoma

AEP **PUBLIC SERVICE
COMPANY OF
OKLAHOMA**
A unit of American Electric Power



AEP **PUBLIC SERVICE
COMPANY OF
OKLAHOMA**SM

A unit of American Electric Power

5.3M
CUSTOMERS

542K
CUSTOMERS

11
STATES

1,560
EMPLOYEES

18,500
EMPLOYEES

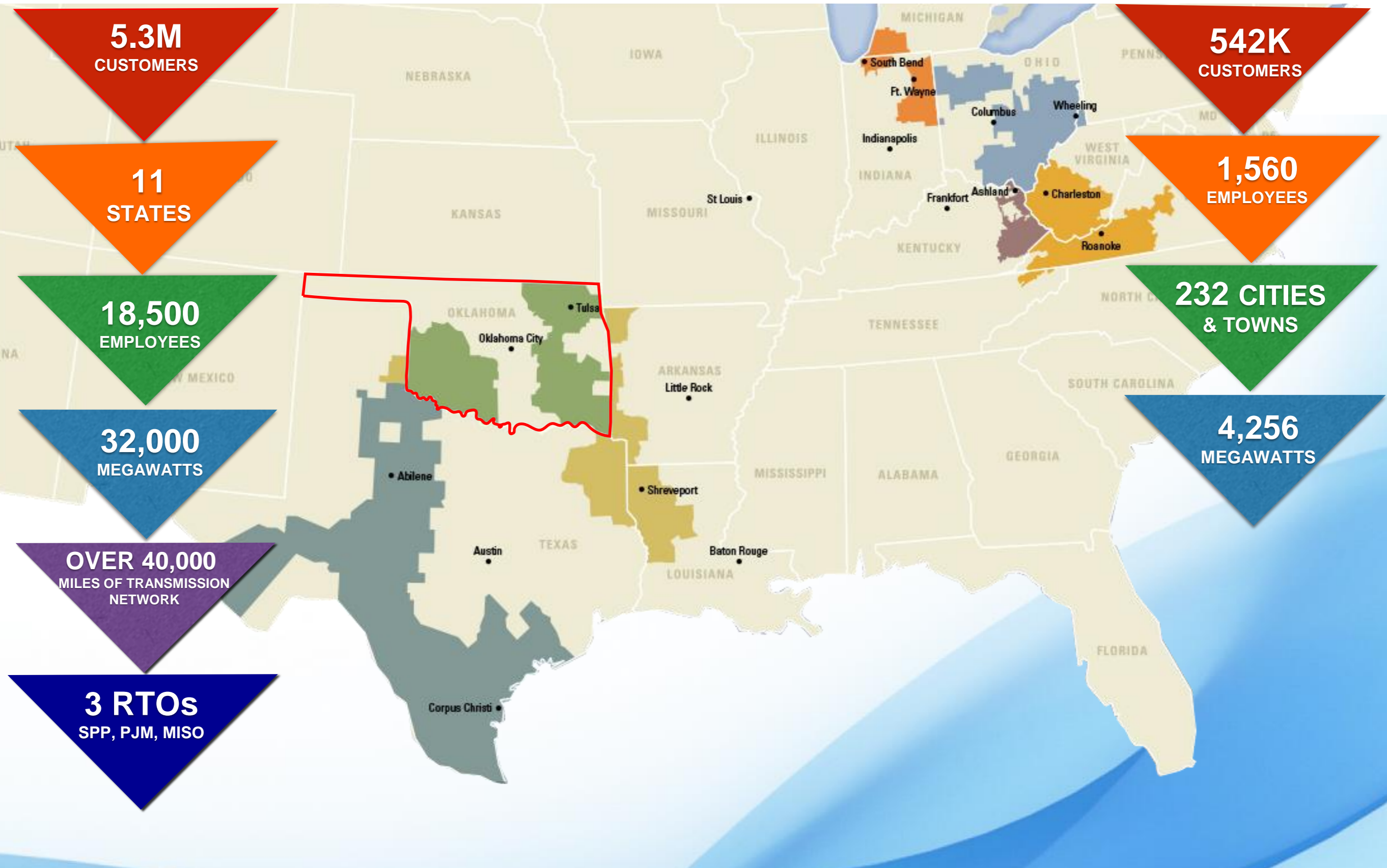
**232 CITIES
& TOWNS**

32,000
MEGAWATTS

4,256
MEGAWATTS

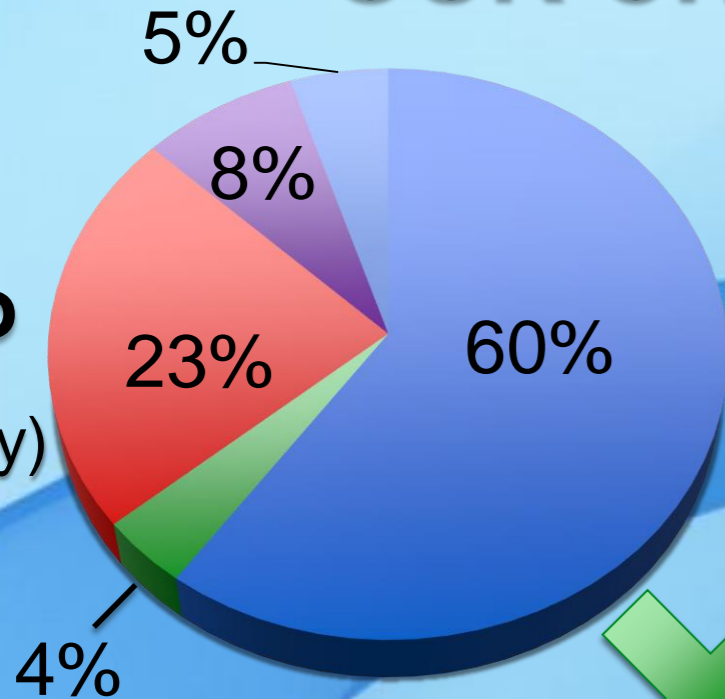
OVER 40,000
MILES OF TRANSMISSION
NETWORK

3 RTOs
SPP, PJM, MISO



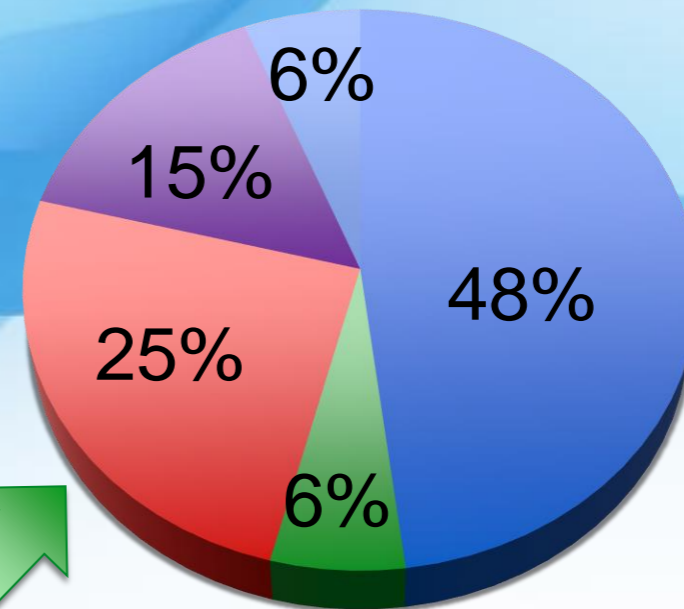
OUR CHANGING FUEL MIX

AEP
(Capacity)



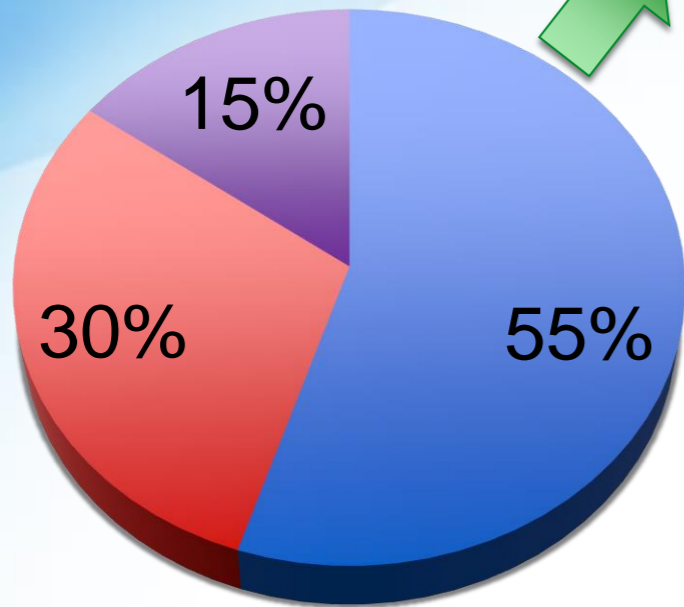
2015

• ENVIRONMENTAL RULES
• SHALE GAS • RTO MARKETS

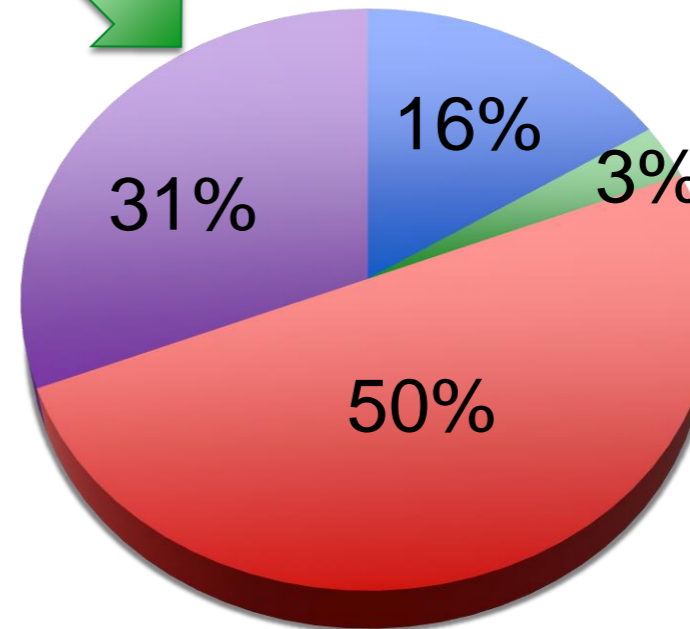


2026

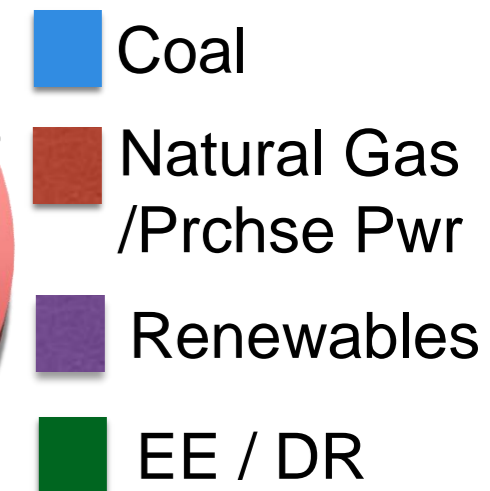
PSO
(Energy)



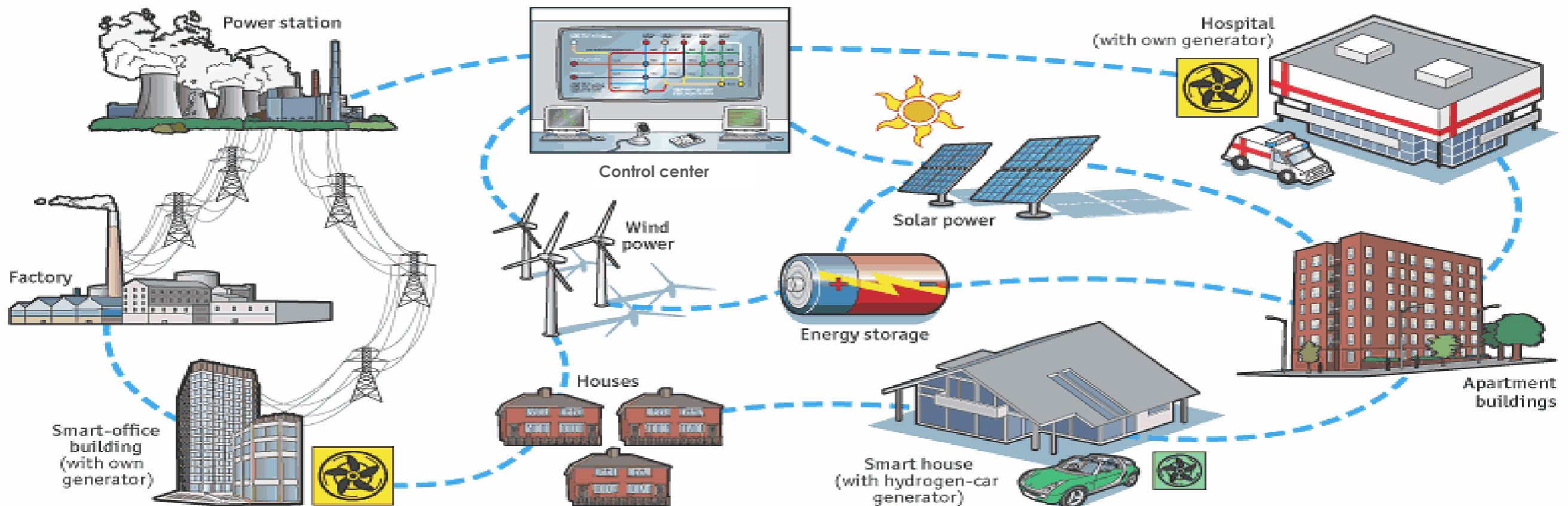
2015



2024



FOCUS ON THE FUTURE: THE CHANGING GRID



Sources: *The Economist*; ABB

- INTEGRATED GRID PLATFORM
- UTILITY AS UNIVERSAL SERVICE PROVIDER

FOCUS ON THE FUTURE: TECHNOLOGY



AMI



CVR



BATTERIES



**DISTRIBUTED
GENERATION**



SOLAR



WIND



**BOLD T
DESIGN**

FOCUS ON THE FUTURE: THE CUSTOMER

CONVENIENCE

CONTROL

CONNECTION



MOBILE
DEVICE /
APPS



AMI



WEBSITE



DISTRIBUTED
GENERATION



TIME OF
USE RATES



EE / DR



GRID / CUSTOMERS