

Updated March 2018

SPP: INTERSECTION OF THREE INTERCONNECTS

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Our Mission

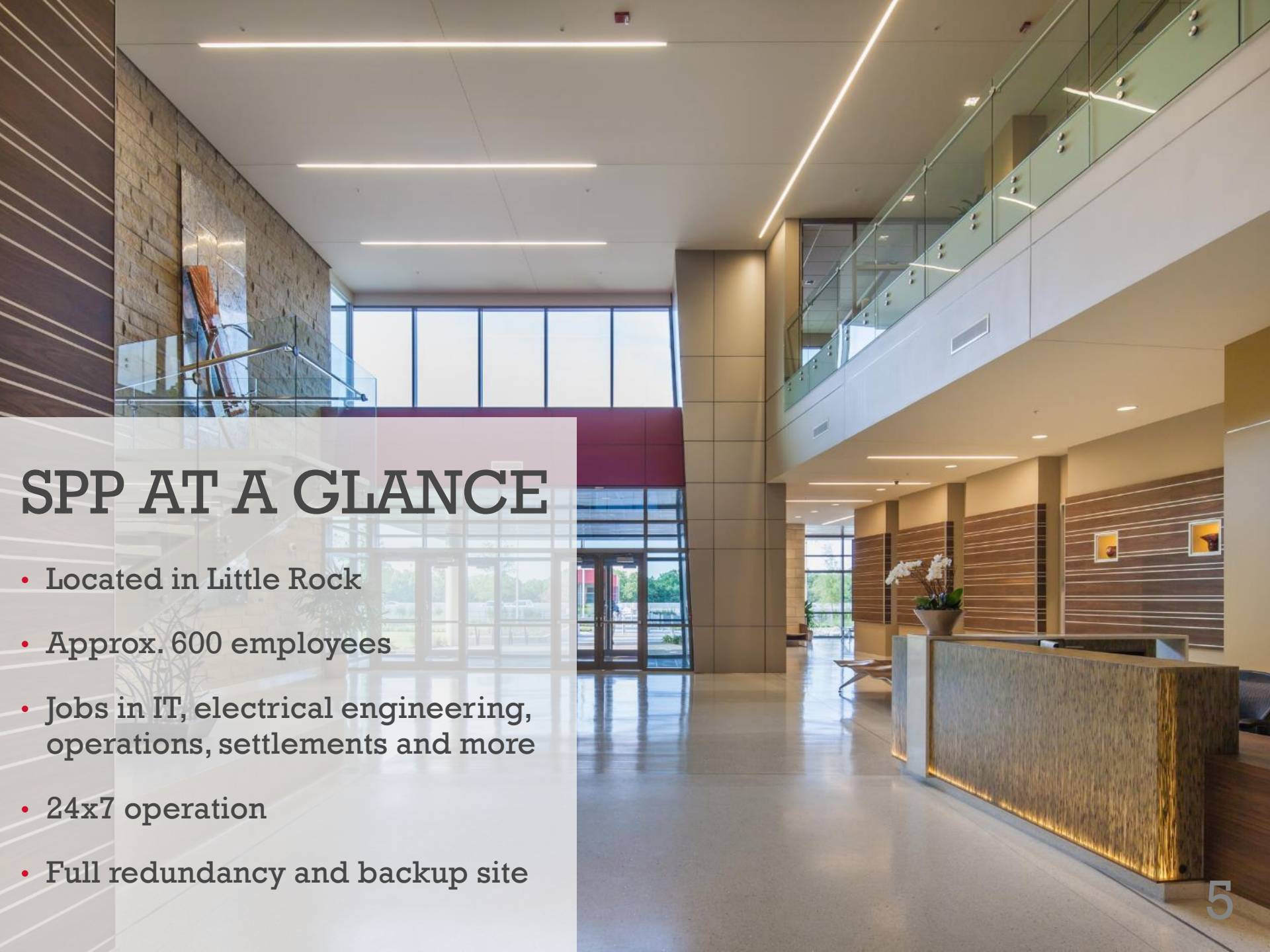
Helping our members work together to keep the lights on …
today and in the future.



THE SPP DIFFERENCE

- Relationship-based
- Member-driven
- Independence Through Diversity
- Evolutionary vs. Revolutionary
- Reliability and Economics Inseparable

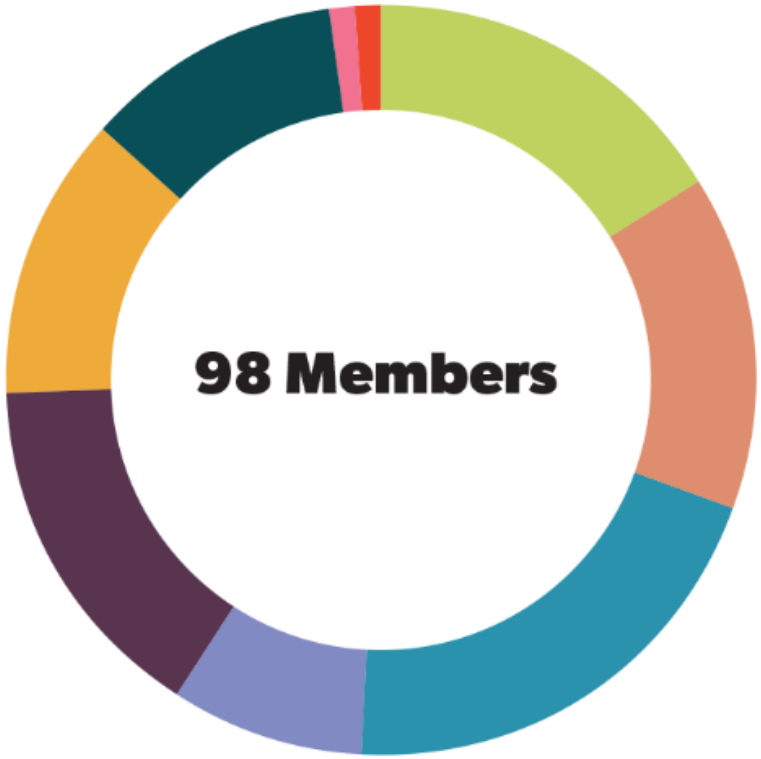




SPP AT A GLANCE

- Located in Little Rock
- Approx. 600 employees
- Jobs in IT, electrical engineering, operations, settlements and more
- 24x7 operation
- Full redundancy and backup site

SPP'S 98 MEMBERS: INDEPENDENCE THROUGH DIVERSITY



- 16 Investor-Owned Utilities
- 14 Municipal Systems
- 20 Generation and Transmission Cooperatives
- 8 State Agencies
- 15 Independent Power Producers
- 12 Power Marketers
- 11 Independent Transmission Companies
- 1 Federal Agency
- 1 Large Retail Customer

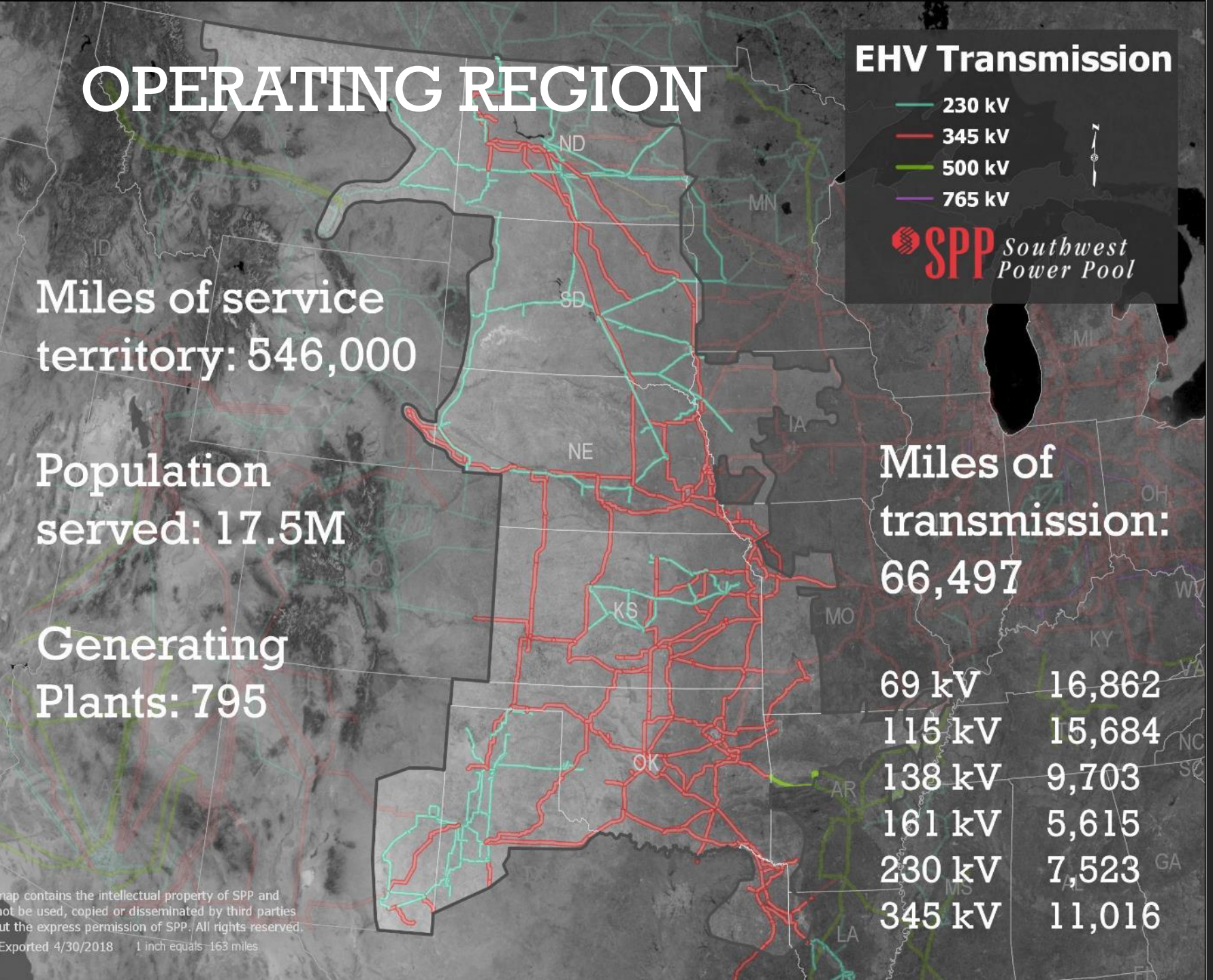
As of May 22, 2018



SPP MANAGES THE GRID IN 5 OF THE TOP 100 CITIES IN AMERICA:

Kansas City, Oklahoma City, Tulsa, Omaha, and Wichita

OPERATING REGION



Miles of service territory: 546,000

Population served: 17.5M

Generating Plants: 795

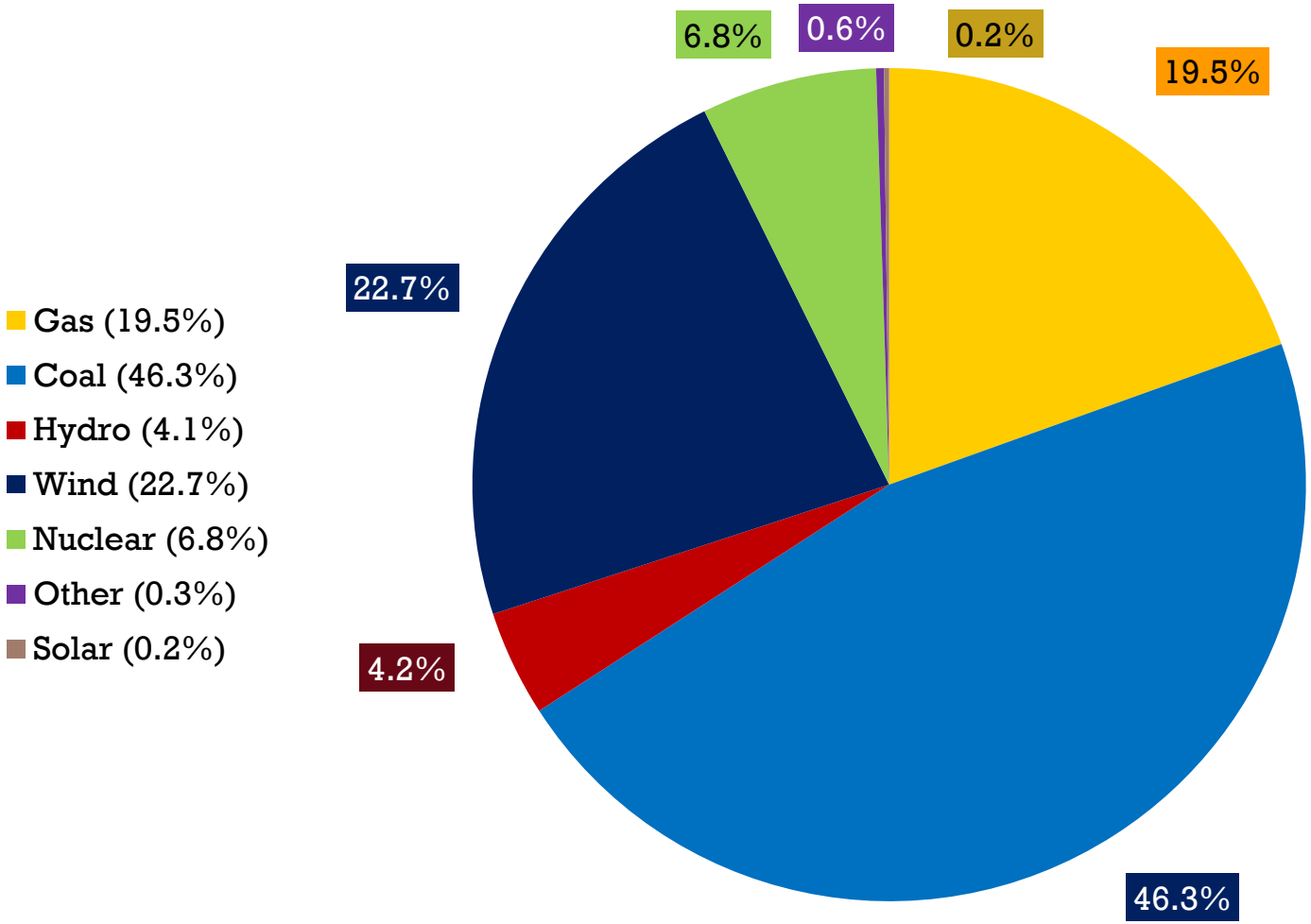
Miles of transmission: 66,497

69 kV	16,862
115 kV	15,684
138 kV	9,703
161 kV	5,615
230 kV	7,523
345 kV	11,016

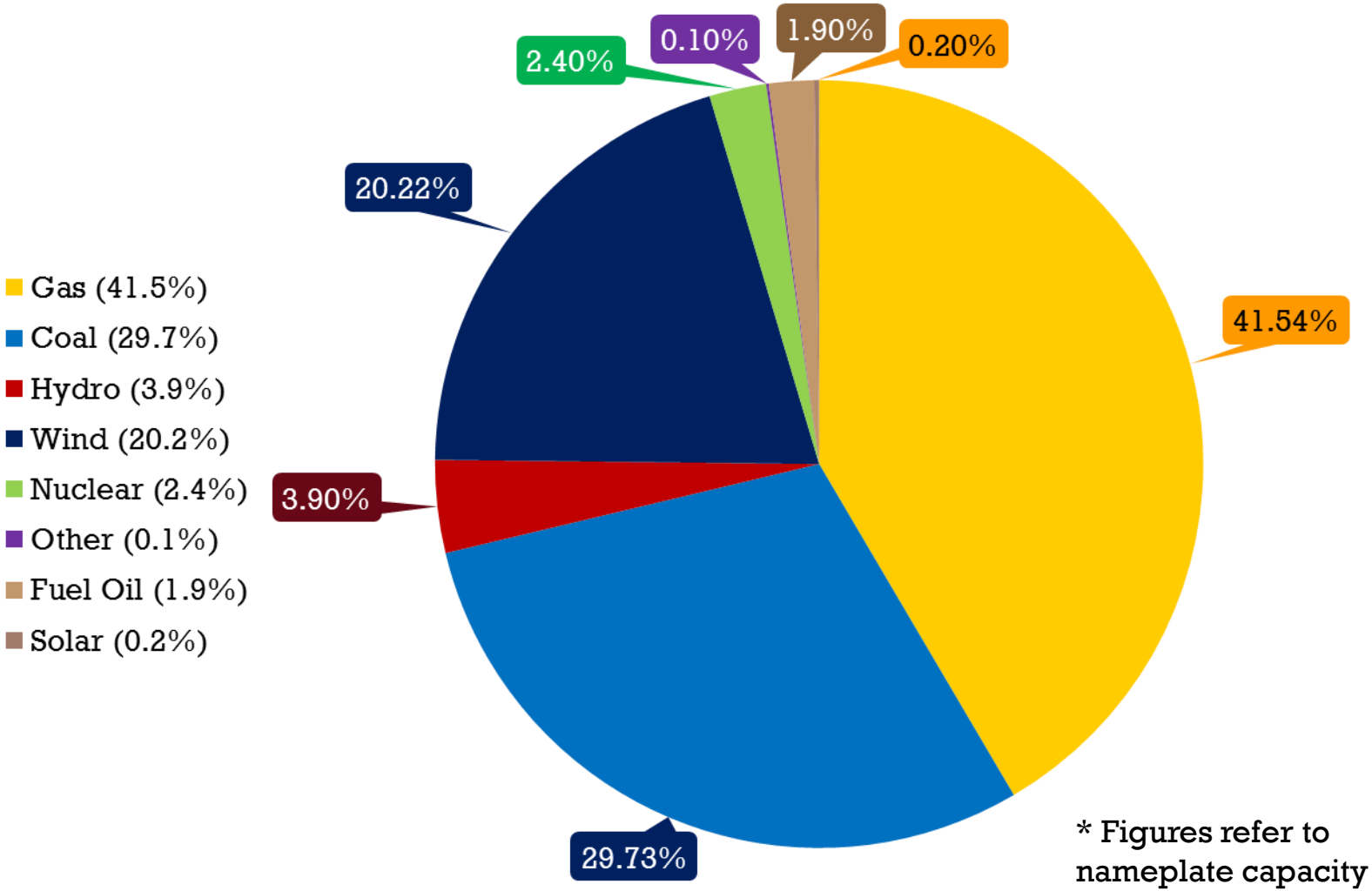
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SPP

2017 ENERGY PRODUCTION BY FUEL TYPE (259, 554 GWH TOTAL)

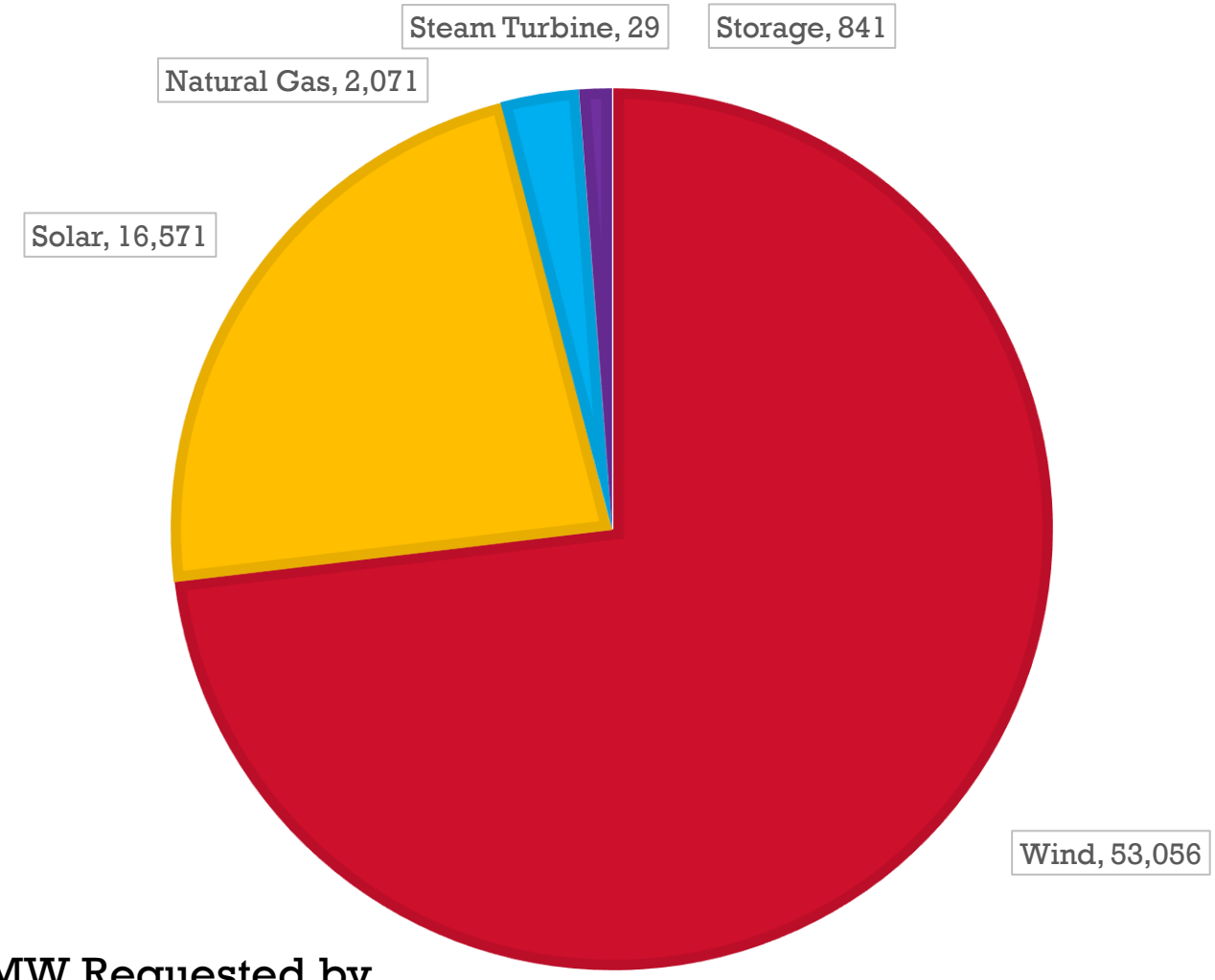


GENERATING CAPACITY* BY FUEL TYPE (87,086 MW TOTAL)



* Figures refer to nameplate capacity as of 1/1/18

PENDING GI REQUESTS



MW Requested by Generation Type

February 26, 2018

SERVICES

OUR MAJOR SERVICES

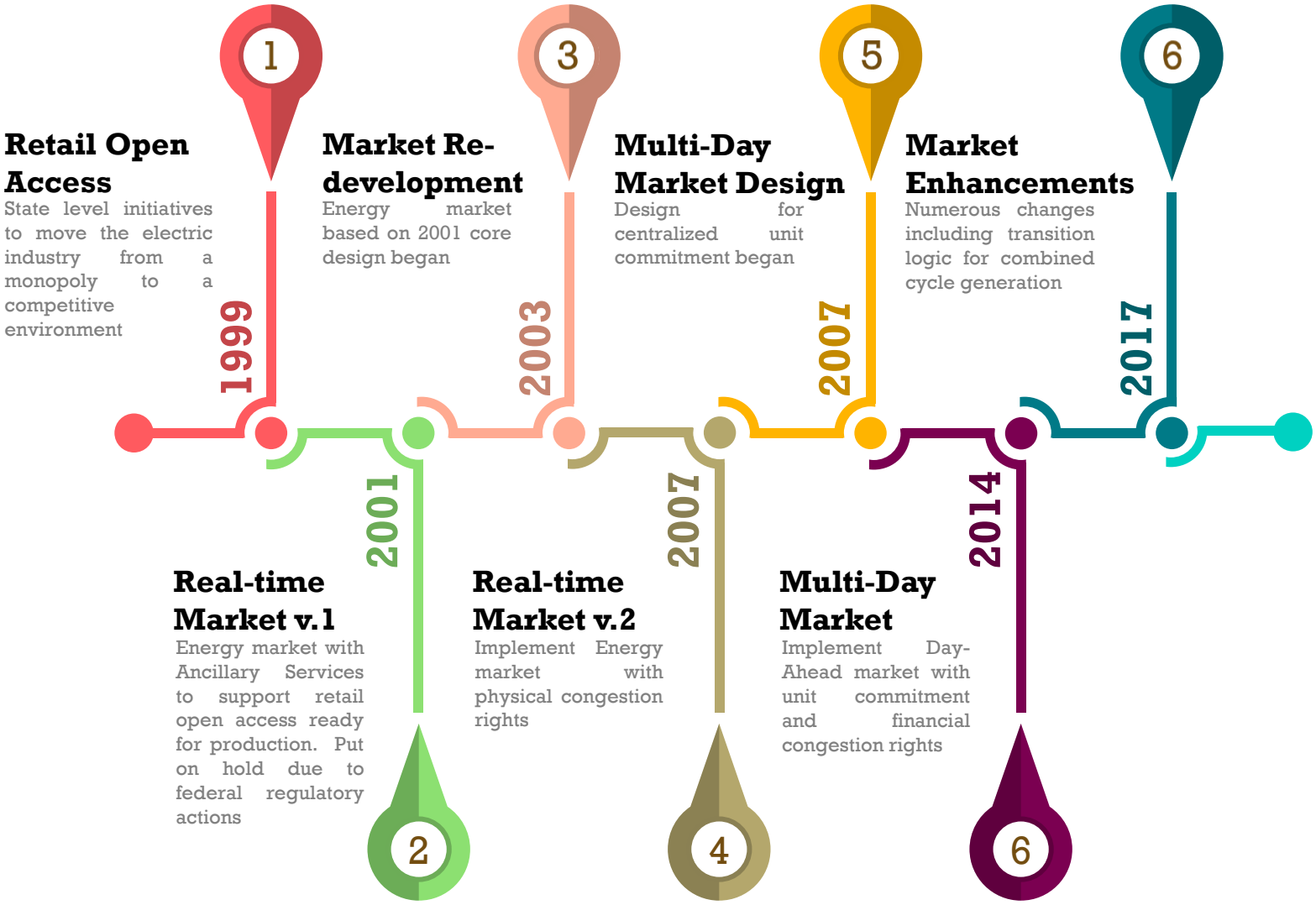
- Facilitation
- Reliability Coordination
- Balancing Authority
- Transmission Service/Tariff Administration
- Market Operation
- Transmission Planning
- Training
- Standards Setting

OUR APPROACH:
Regional, Independent, Cost-Effective and Focused on Reliability

Some activities outside of SPP's responsibility

- Transmission siting
- Generation planning/siting
- Transmission/generation construction
- Transmission/generation permitting

EVOLUTION, NOT REVOLUTION



MARKET FACTS

- 207 market participants
- 735 generating resources
- 2017 Marketplace Settlements = $16.7 billion
- 50,622 MW coincident peak load (7/21/16)
  - Winter peak: 43,584 MW (1/17/18)

ON THE SEAM OF THREE INTERCONNECTS

THE SPP FOOTPRINT: MEMBERS IN 14 STATES

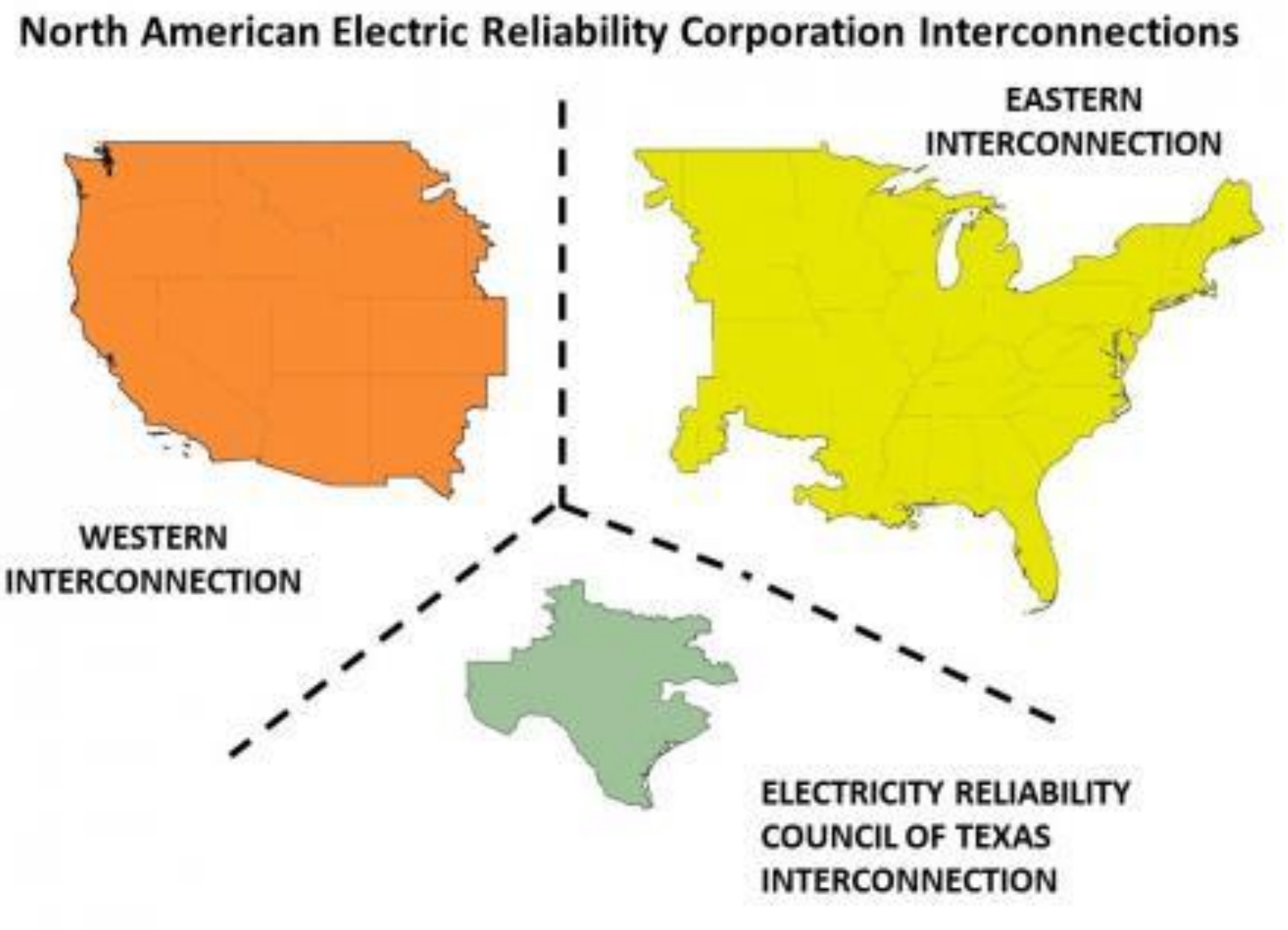


- **Arkansas**
- **Kansas**
- **Iowa**
- **Louisiana**
- **Minnesota**
- **Missouri**
- **Montana**
- **Nebraska**
- **New Mexico**
- **North Dakota**
- **Oklahoma**
- **South Dakota**
- **Texas**
- **Wyoming**

NORTH AMERICAN INDEPENDENT SYSTEM OPERATORS (ISO) AND REGIONAL TRANSMISSION ORGANIZATIONS (RTO)



3 ELECTRIC INTERCONNECTIONS



ACTIVITIES ACROSS THE SEAMS

- Energy
- Contingency Reserves
- Switchable Generation
- Switchable Load