



SPP UPDATE TO NPPD

NPPD BOARD MEETING
NOV. 9, 2023

BARBARA SUGG
SPP PRESIDENT & CEO

*Working together to responsibly and economically
keep the lights on today and in the future.*



SouthwestPowerPool



SPPorg



southwest-power-pool

OUR BEGINNING



1941: 11 member utilities pooled electricity to power aluminum plant at Jones Mill for critical defense

Maintained after WWII to continue benefits of regional coordination

A nighttime photograph of a city skyline, featuring several illuminated skyscrapers against a dark sky. A semi-transparent dark grey rectangular box is overlaid on the middle of the image, containing white text. The text is centered and reads:

OUR MISSION: Working together to responsibly and economically keep the lights on today and in the future.

OUR VISION: Leading our industry to a brighter future while delivering the best energy value.

WHO IS SPP?

501(c)(6) nonprofit corporation

One of 9 regional grid operators

111 member companies in 14 states

“Air traffic control” for high-voltage grid

Balance supply & demand across region

Maintain reliable grid operations

Operate wholesale energy market

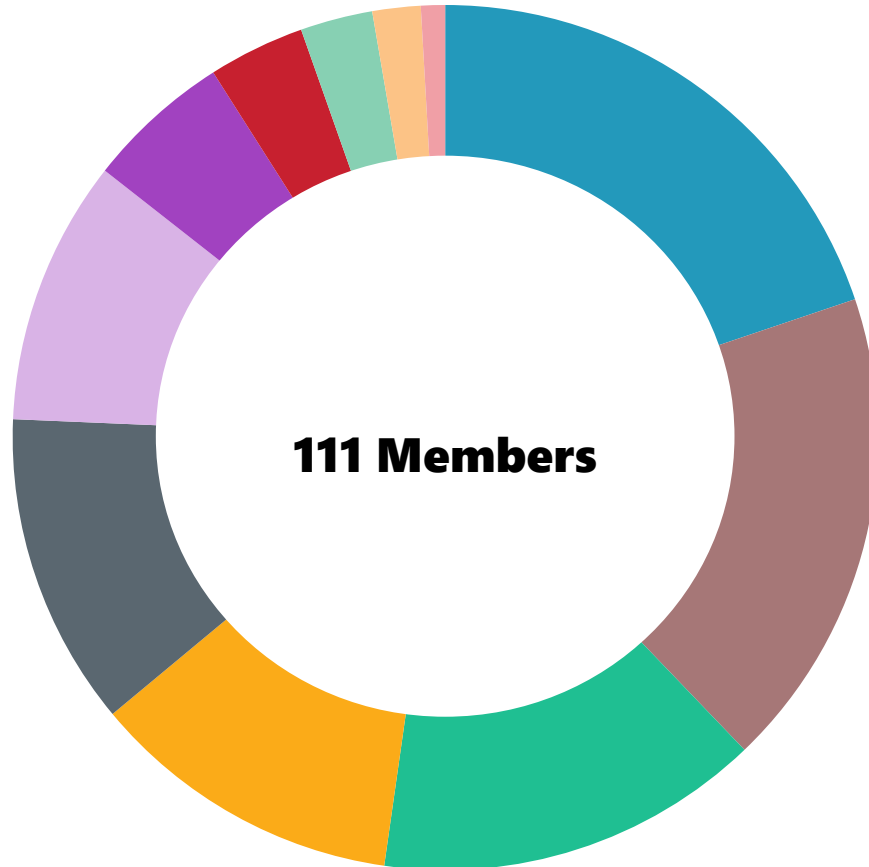
Plan future transmission needs



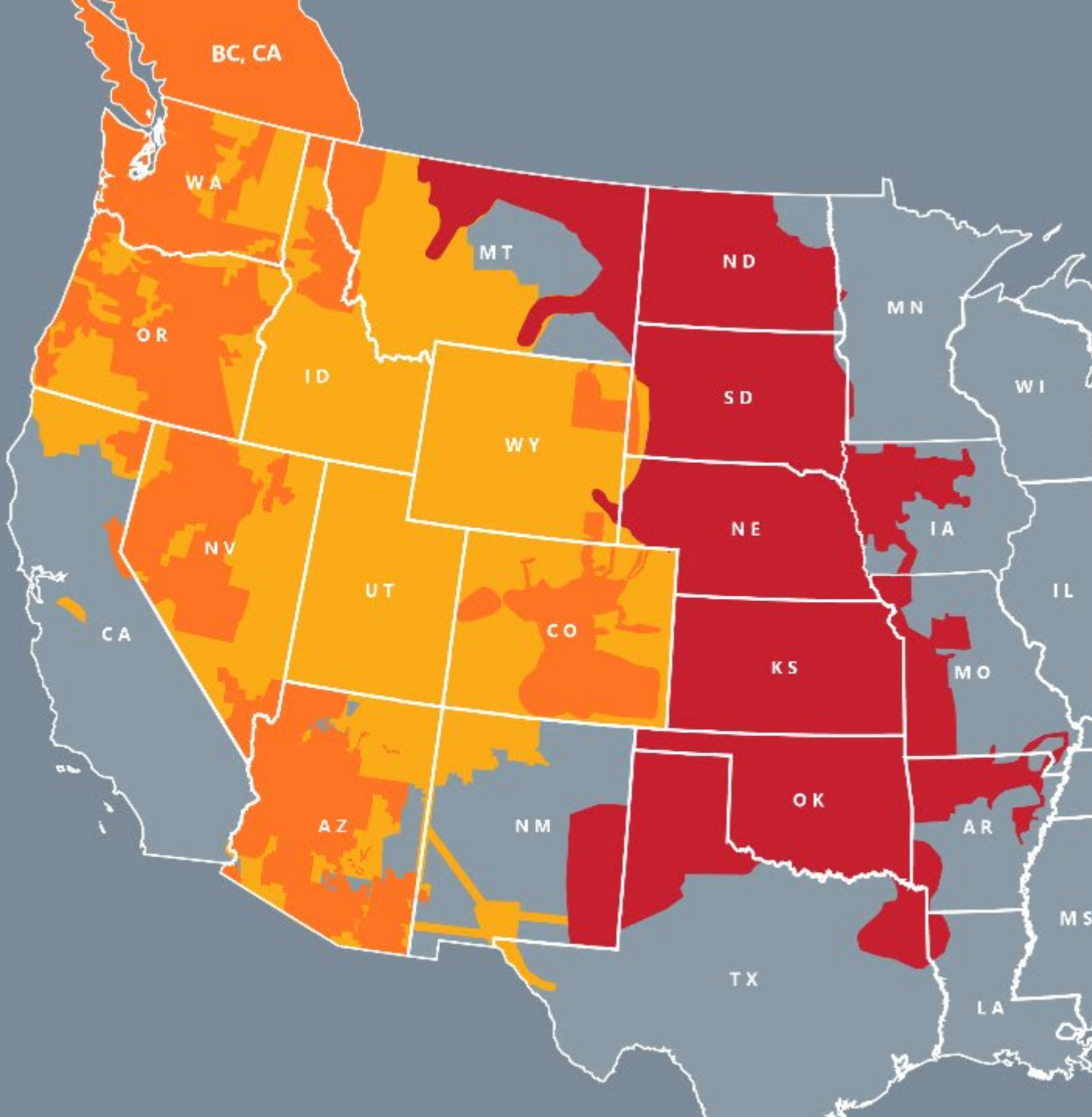
A vibrant night scene of a city waterfront. On the left, a multi-story brick building features balconies with railings and a sign that reads "CANTON". In the center, a canal flows through the city, with several boats and a large tree illuminated with green lights. On the right, another brick building is lit up with red and purple lights, and a sign for "ACM UC" is visible. In the background, a tall, illuminated skyscraper stands against the dark night sky. The water in the canal reflects the colorful lights from the buildings and trees.

**SPP MANAGES THE GRID IN 5 OF THE
TOP 100 CITIES IN AMERICA:**
KANSAS CITY, OKLAHOMA CITY, TULSA, OMAHA, AND WICHITA

SPP'S 111 MEMBERS: INDEPENDENCE THROUGH DIVERSITY

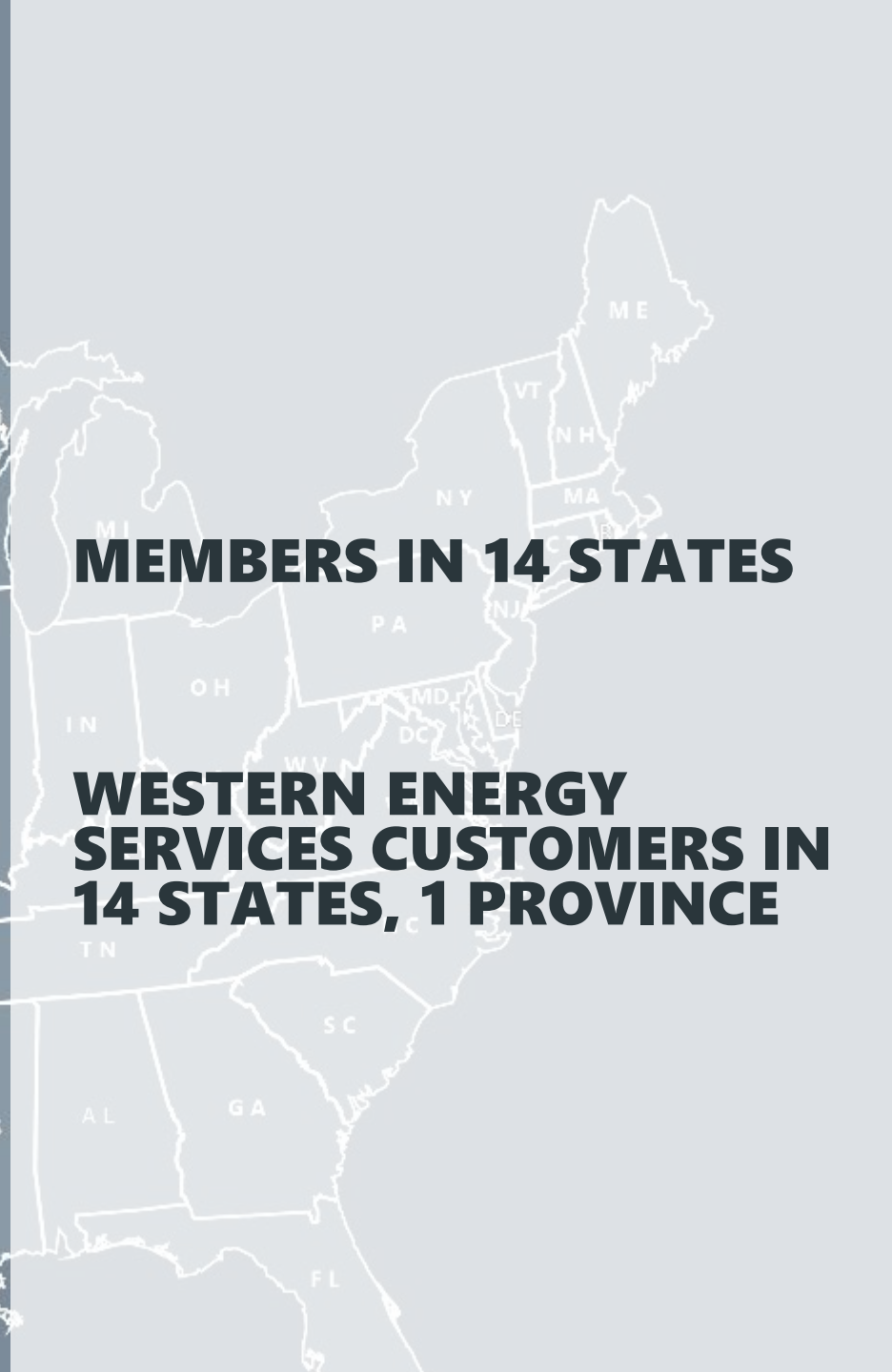


- 22 Generation and Transmission Cooperatives
- 19 Independent Power Producers
- 16 Investor-Owned Utilities
- 13 Municipal Systems
- 13 Independent Transmission Companies
- 11 Power Marketers
- 6 State Agencies
- 4 Large Retail Customers
- 3 Public Interest Entities
- 2 Alternative Power
- 1 Federal Agency

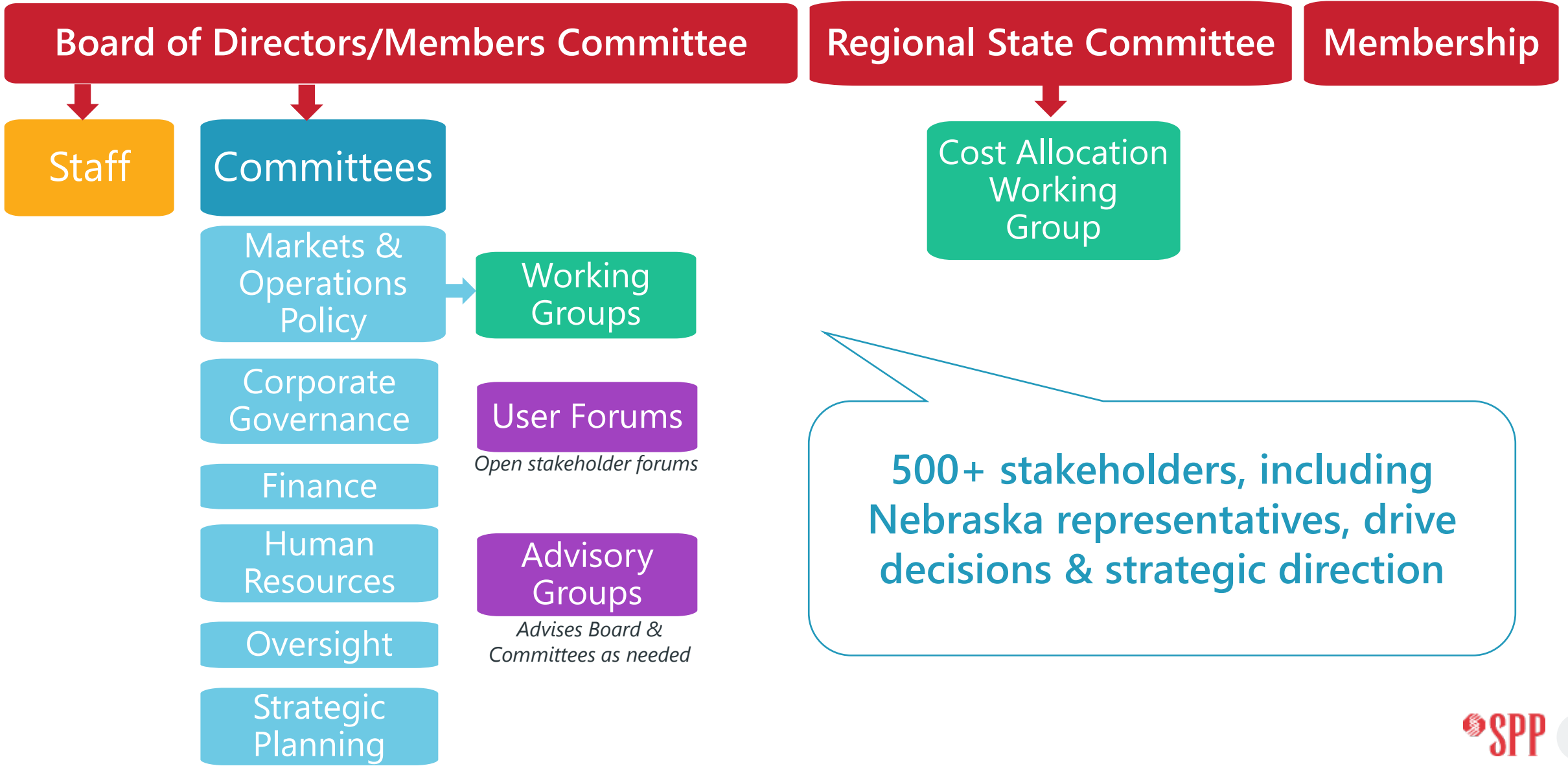


MEMBERS IN 14 STATES

WESTERN ENERGY SERVICES CUSTOMERS IN 14 STATES, 1 PROVINCE



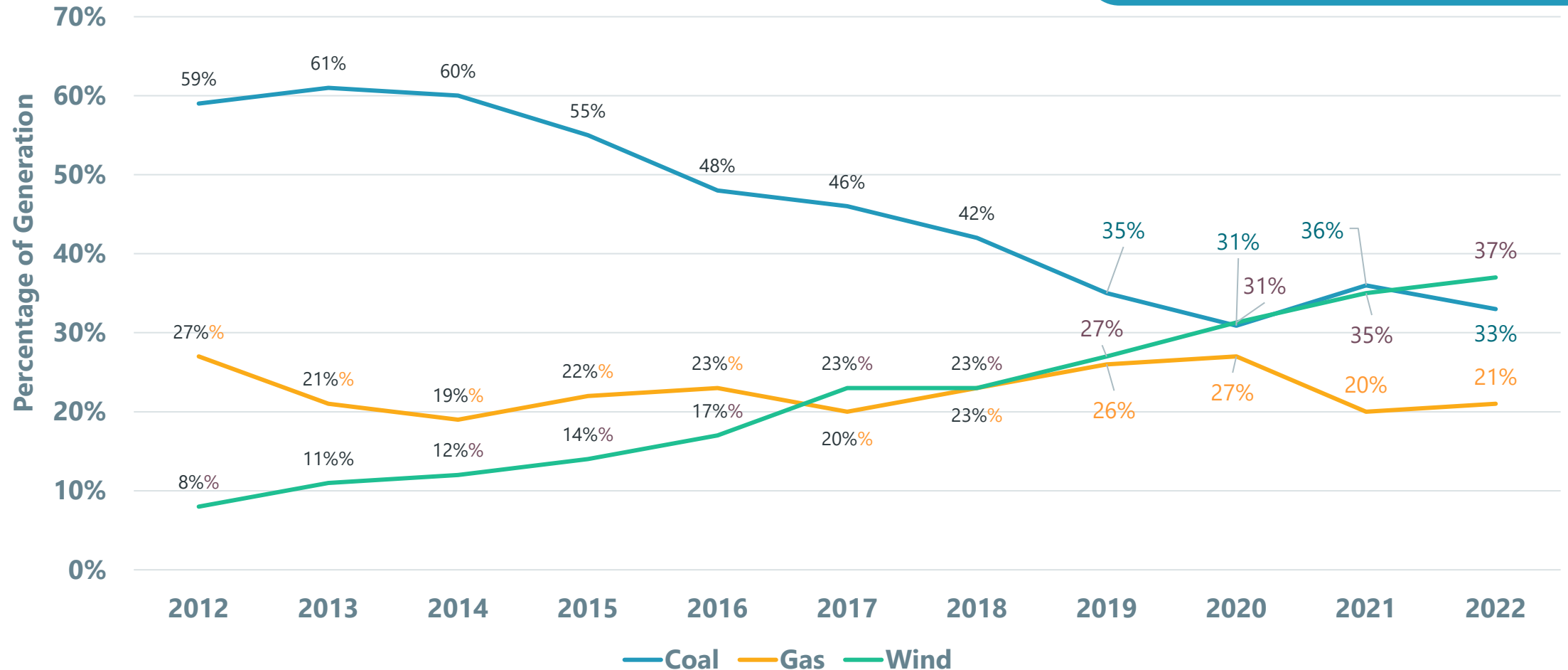
COLLABORATIVE STAKEHOLDER PROCESS



OUR EVOLVING ENERGY MIX

Coal and gas use has decreased, while wind has increased

Trend By Year



TOP GRID PRIORITIES

ASSURE adequate generation to maintain reliability under normal & extreme conditions

PROTECT grid from cyber attacks

BUILD transmission to connect new generation and customers to grid

FACILITATE robust wholesale markets that make low-cost energy widely available

REDUCE risks and costs associated with extreme events

RESOURCES: ON THE GRID & IN OUR PEOPLE

