

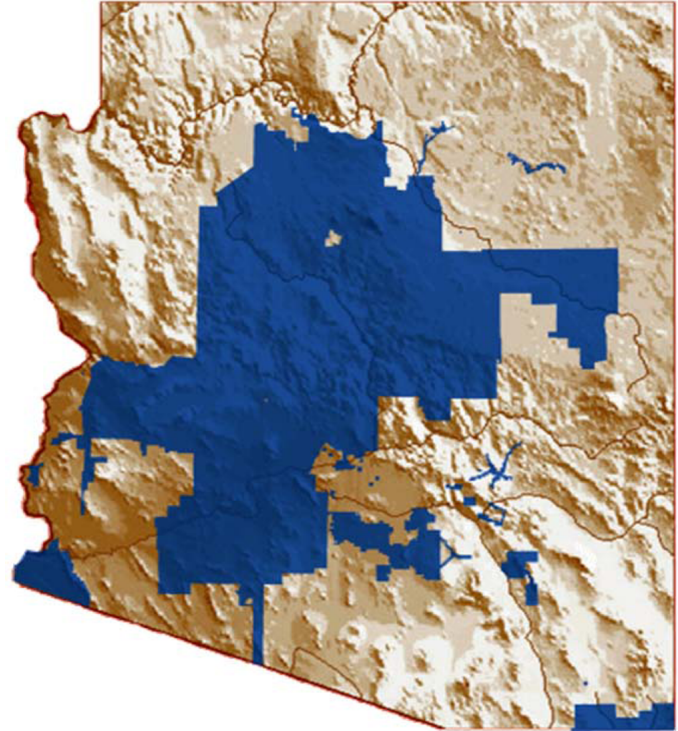
# Arizona Public Service Company 2020 Summer Preparedness

City of San Luis  
2020



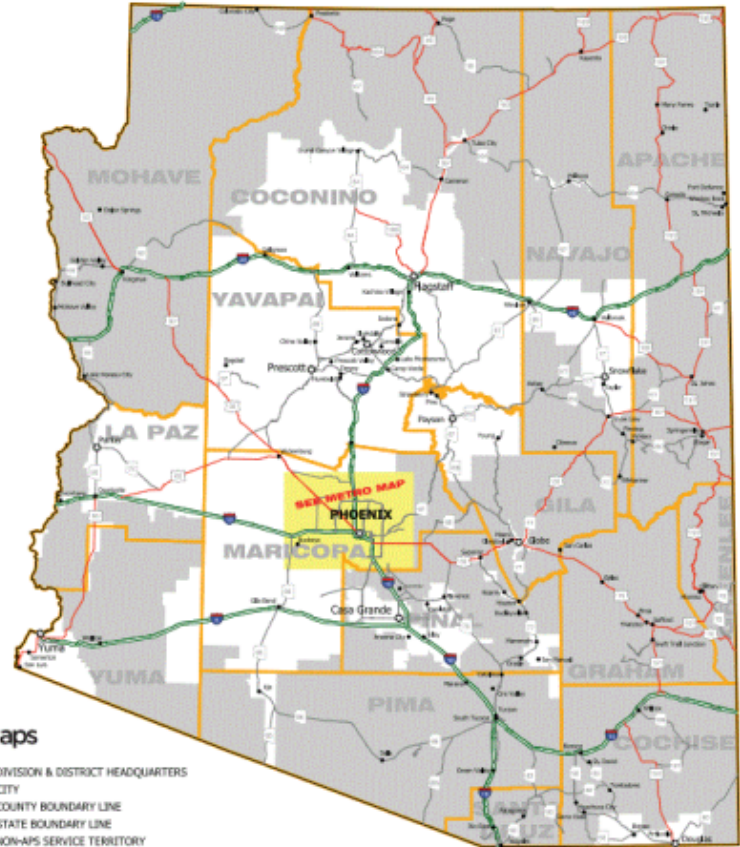
# APS Service Territory

- 11 of Arizona's 15 counties
- 34,646 square mile service area
- Serving about 1.3 million customers
- 439 substations; 301,357 transformers; more than 550,000 poles and structures
- Approximately 6,000 miles of transmission lines, 11,200 miles of overhead lines and 22,100 miles of underground cable

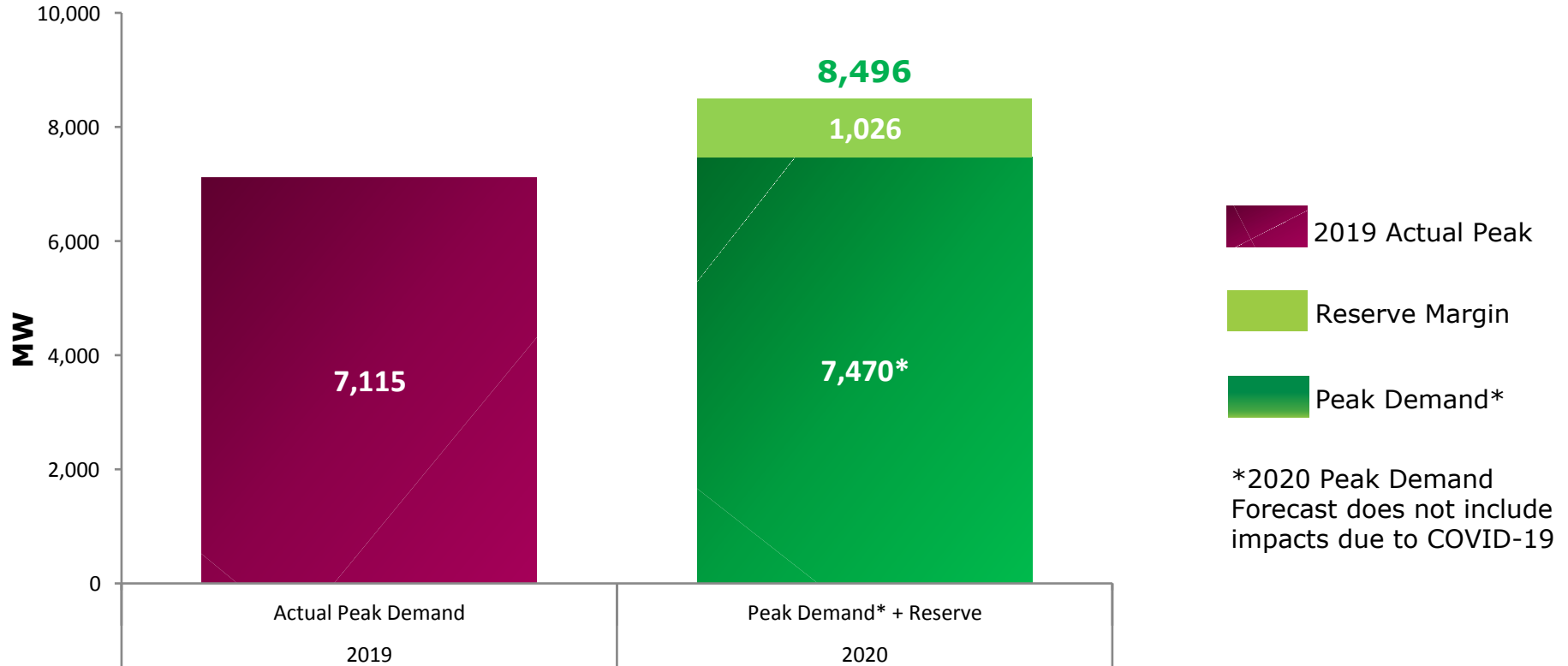


# APS Service Territory

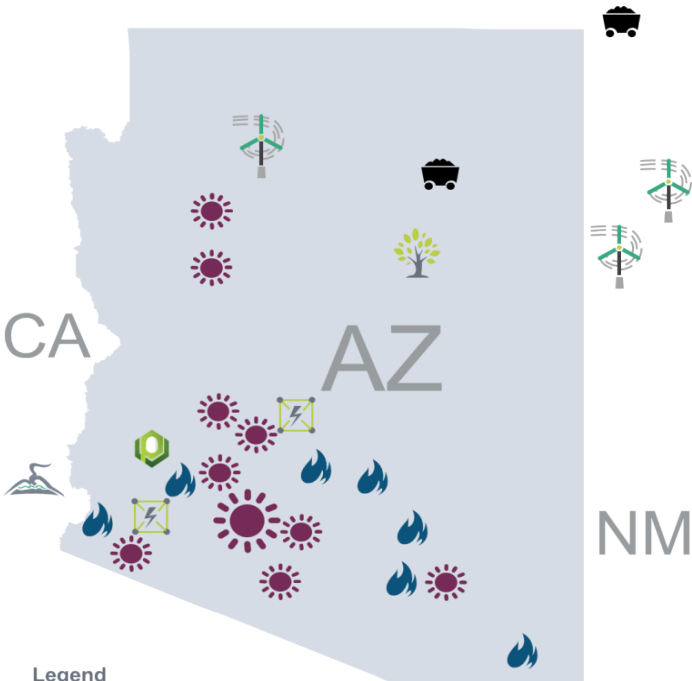
- Service territory Boundaries
- Gray is not APS



# 2020 Peak Resources and Demand



# 2020 APS Resource Diversity



Legend



## 2020 Resource Peak Capacity (MWs)

	<b>PEAK CAPACITY</b>
<b>Nuclear</b>	<b>1,146</b>
<b>Coal</b>	<b>1,357</b>
<b>Natural Gas</b>	<b>5,371</b>
Owned	3,401
PPAs	1,970
<b>Microgrid/ESS (Quick Start)</b>	<b>32</b>
<b>Renewables</b>	<b>484</b>
Solar	403
Owned Solar	118
Solar PPAs	285
Wind (PPAs)	55
Other (PPAs)	26
<b>Incremental Customer-Based</b>	<b>128</b>
Energy Efficiency	105
Distributed Energy	4
Demand Response	19
<b>TOTAL</b>	<b>8,518</b>

# APS has adequate fuel supply for all of its generating facilities

- **Palo Verde**
  - 100% of fuel requirements contracted through 2021
  - Overall station capacity factor 92.55% in 2019
- **Conventional Generation**
  - Fuel contracts in place for other APS generating facilities



# Reliability Activities

- Annual inspection, maintenance, and upgrades of equipment, lines, and towers
- Predictive and preventive maintenance programs utilizing technology
- Transmission peak load studies
- Planning and preparation to elevated fire conditions



# APS Response to COVID-19

- **Suspension of disconnects** for nonpayment; waiving late fees
- **Customer Support Fund** to assist residential and small business customers who are past due on their APS bill and need assistance paying
- **Crisis Bill Assistance** program provides community agency partners with funding to distribute to customers who are having difficulty paying their electric bills
- **\$1.25M contribution** to COVID-19 relief funds statewide

# Discussion Points

- Who is the main contact when we have outages?
  - How do you want to be notified?
    - Phone call? Text? Email?
- What are the critical buildings/infrastructure in the city?
  - Do they have backup generation?
  - Where is the incident command center?
- What communication methods do you have available for residents?
  - Can you access them in the event of a power outage?
- Any protocol changes in regards to COVID-19?
  - Cooling shelters, red cross support

# APS Contacts

- Regina Twomey– Community Affairs
  - Mobile: 928.246.3861
- Charles Molina– Supervisor, Construction
  - Mobile: 928.323.4385
- Stephanie Laborin-Supervisor, Service Planning
  - Mobile: 480.285.4432
- Daniel Ortega – Division Manager
  - Mobile: 520.368.8811
- Chris Toogood– Key Accounts
  - Mobile: 928.323.5328