

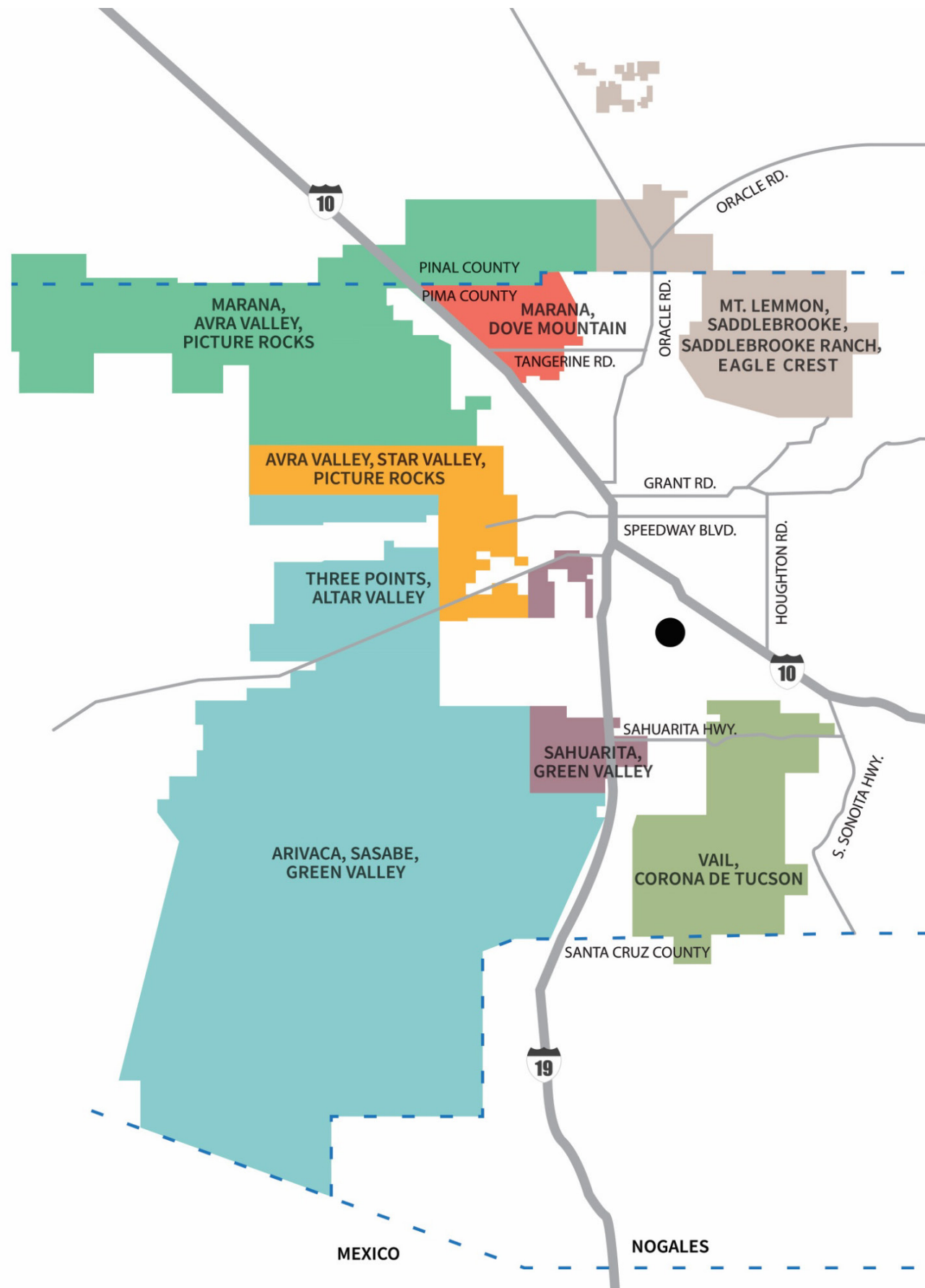


**TRICO**  
AN ENERGY COOPERATIVE

# Heat Resilience



# Service Area



**7 Districts - 2,346 square miles**

**Average Summer High around 100F**

**53,000+ Members (57,000 meters)**

**4,115 miles of distribution line**

# Heat Impacts

**Summer Peak 290MW and Winter Peak 80MW**

**Solar and BESS Projects (Microgrids)**

**Summer Disconnection Moratorium**

**Safety and PPE**

**Work Hours**

**Monsoon Storms**

# Heat Resilience

## Transformers

Design Restrictions  
on Loading (120%)

Heat Resistant Paint  
(Pad Mount)

Increased size  
Radiator Fans

## System Resilience

Aluminum OH  
conductor and light  
loading

Large HVAC Systems  
(Large service  
conductor)

## Failures

Plastics and PVC  
deteriorate (riser  
pipes and ties)

Below grade  
transformers and  
vaults

# Wildfire Mitigation

- Cross-departmental Wildfire Mitigation Committee
- Enhanced Wildfire Mitigation Plan
- Using technology to understand and manage risks
  - Trico's Wildfire Safety Mode
  - Drone inspections
- Using WARN Grant funds to perform additional vegetation management and pole wrapping
- Highway 286 Clean-Up

