Thomas Popik

Chairman, Foundation for Resilient Societies
CAISO Net Qualified Capacity for August 2020—49.2 GW
NQC does not include planned imports in CAISO Summer Forecast

Source: CAISO 2020 NQC List, Foundation for Resilient Societies Analysis
August 14-15 Outages at CAISO Gas-Fired Plants

Source: CASIO Outage Data for August 13-16, Foundation for Resilient Societies Analysis
August 14-15 Outages at CAISO Gas-Fired Plants

Source: CAISO Outage Data for August 13-16, Foundation for Resilient Societies Analysis
August 14-15 Forced Outages Due to Maintenance/Trouble at CAISO Gas-Fired Plants

Source: CAISO Outage Data for August 13-16, CAISO Net Demand, CAISO Final Root Cause Analysis, Foundation for Resilient Societies Analysis
Forced Outages Due to Plant Maintenance/Trouble vs. CAISO-Initiated Blackout

- High Desert Power Project
- Blythe Energy Project
- Ormond Beach Generating Station
- CAISO-Initiated Blackout

Source: CAISO Outage Data for August 13-16, CAISO Net Demand, CAISO Final Root Cause Analysis, Foundation for Resilient Societies Analysis
California Consumers Pay for NQC Generators To Be Available

On August 14 Outages Peaked at 12% of Net Qualified Capacity for CAISO Gas-Fired Plants, Despite Large Capacity Payments

Factors in Gas-Fired Outages Were Ambient Conditions, Environmental Restrictions, Plant Maintenance, and Plant Trouble

3 Large Plants Had Forced Outages Due to “Plant Maintenance/Trouble” as Net Electricity Demand Ramped on August 14

Role of Ormond Beach and High Desert Outages Not In CAISO Final Root Cause Analysis

Blackout Initiated at 18:36, Six Minutes After Forced Outage at Ormond Beach Plant

Ormond Beach Outage Overlaps Blackout Period

Cause of Major Forced Outages During August Blackouts Needs Investigation

Are California Consumers Getting Value for The Money They Are Paying to NQC Generators?

Results of Investigation Should Be Made Public