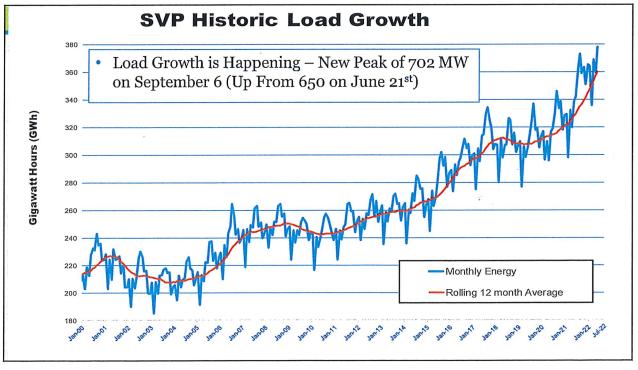


1





Summer Heat Wave

- New Peak of 702 MW up from previous peak of 594 MW in 2021
- CAISO issued Energy Emergency Alert for 10 straight days from August 31 to September 9, 2022
- SVP staff on call 10 days straight working with Governor's office, CEC, and CAISO
- New system peak set on September 6
 - Avoided rolling blackouts to residential customers
 - Experienced equipment outages





3



Demand Side Grid Support Program (DSGS)

- CEC administered program providing incentive payments for load reductions measures taken during summer heat wave
- Governor issued proclamation on 8/31 permitting backup generators to operate
- SVP enrolled 5 customers into program with 100 MW of load reduction at peak of program
- Prevented rolling blackouts to SVP's residential customers
- Estimated \$3.5 +/- million in reimbursement
- · Staff working with CEC on reimbursement claims for SVP's customer participants
- Program likely needed for next several years
- CEC to refine program before summer 2023

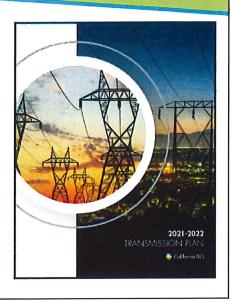
	9/5/2022	9/6/2022	9/7/2022	9/8/2022
Max Load Reduction (MW)	78	100	71	97

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Status of Key Projects

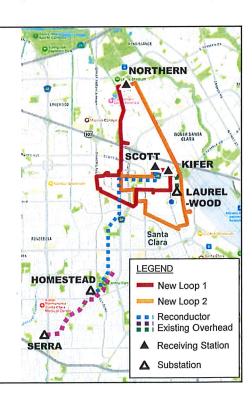
- · Kifer and Scott Receiving Stations
 - · Full Reconstruction of New Receiving Stations
 - TRC design consultant started work on September 2022
 - · Design expected to be completed late 2023
- · Northern Receiving Station (NRS) Upgrades
 - Relocation of two existing PG&E 115 kV overhead connections, additional transformers, circuit breakers, disconnect switches and system protection improvements.
 - Stantec design consultant selected in October 2022
 - Design work will start Nov/Dec 2022
- Call-For-Proposal out for NRS-KRS 115kV Transmission Line with proposals due Nov. 2, 2022
- New Transmission New High Voltage Direct Current Line to NRS
 - CAISO Project and their process has started
 - · CAISO received six validated applications



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Additional Growth Projects

- Transmissions Planning Process (TPP) 23/24 submitted to California Energy Commission
 - Updated ten-year forecast Increase of 135 MW's
 - 1,171 MW's to 1,306 MW's
- Included new growth from data centers and additional
 ~50 MW's of commercial and residential growth
- Upcoming Council item for authorization to design:
 - Two new transmission loops to increase internal 60kV transmission line capability from 1,270 MW
 - Will include feasibility and need
 - Reconductor existing 6okV transmission lines
 - Additional projects required for electric system reliability.
- Will require additional Transmission CAISO TPP
- Future Council discussions



6



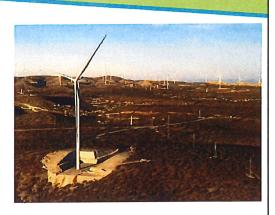


Cimmaron Project

- 300 MW wind project located in Baja California, transmission connected to California
 - · Equivalent of 22% of current energy use
- · Council authorized the agreement on June 7, 2022
- · Agreement was fully executed on October 18, 2022
- Sempra's schedule to implementation:
 - Design/Construction agreements targeting execution Q4 2022
 - Construction to start in late 2023
 - · Commercial Operation Date of late 2024/early 2025

Other Power Purchase Agreements

- Will be executing another Power Purchase Agreement before end of the calendar year (70 MW)
- Continue to work on 6 additional Power Purchase Agreements



7



Transportation Electrification

- Electric Vehicle Charger Installations
 - 49 additional charging ports at 8 locations supporting public and fleet charging
 - DC Fast Charging grant two fast chargers at utility yard
 coming soon

• Fleet Electrification

- All-electric vehicle replacements for Police, Fire, Public Works and other City depts.
- FY22 purchased 46 all-electric vehicles + electric forklifts

Programs

- EV Charging Technical Assistance program for multifamily properties, schools and businesses
- Workplace EV Charging program for City employees



Level 2 EV Chargers at Utility Yard

Workplace EV Charging Program for City Employees





EV CHARGER UTILIZATION

- •Maximizes use of EV charging assets at City facilities
- •Reduce competition for public chargers, open for visitors and residents



SVP RENEWABLE ENERGY & LOW RATES

Shift EV charging when more renewables are on the grid
Charge up for less with SVP's low electric rates



EV ADOPTION & ACCESS

- Increase access to EV charging for individuals with limited/no residential charging options
- · Extend driving range, alleviate range anxiety



CITY CLIMATE ACTION GOALS

· Reduce tailpipe emissions from employee commutes

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Financial Rate Assistance Program (FRAP)

- Current FRAP program serves almost 1300 Customers
 - FRAP income eligibility aligns with the City's Housing and Community Services programs
- New Program All current FRAP customers will receive a greater discount
- Changes improve equity among the lowest income levels:
 - Current flat 25% discount replaced with tiered discounts
 - Increase discount on the first 300 kWh
 - Encourages energy conservation and efficiency
 - Average residential customer is 420KWh
- Provides a second program level and higher discount to those at the lowest income levels (Low Income Home Energy Assistance Program)
 - FRAP 35% for first 300 KWh and 25% for 300-800 KWh
 - LIHEAP 40% for first 300 KWh and 25% for 300-800 KWh



Upcoming Items

- Next 6 months highlights
 - Upcoming annual rate increase
 - Community solar survey results
 - Multiple system expansion contract awards
 - Completion of solicitations and master agreements for critical services supporting existing infrastructure (power plants, substations, transmission and distribution.)
 - Resolution on Battery Storage
 - Integrated Resources Plan (IRP)

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