

1/11/2022

Item 5



City Council

Item #5: Silicon Valley Power Quarterly Update

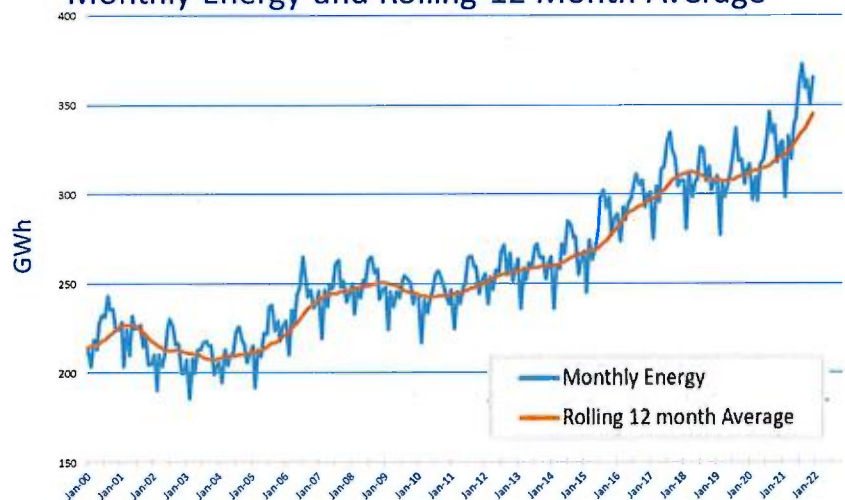
RTC 22-199

Jan 11, 2022

Load Growth

- The Peak Load had a small increase from 586.3 MW to 592.0 MW 2020 to 2021
- 7.65% increase in sales from 2020 to 2021
 - Increase 3850 GWh to 4134 GWh
 - Consistent increases starting in March - 7% to 11% by months
 - Will increase continue into 2022?

Monthly Energy and Rolling 12 Month Average





2021 Accomplishments

- Completed over 500 contractual item in last 18 months – 300 in 2021
- Master agreements totaling \$40 million
- Completed analysis of load development fee – Council in February
- Major overhauls at Gianera Power Plant
- Completion of the SCADA project
- 115 MW of new Solar Resources
- 78 MW of new Hydro
- Expanded electric vehicle charging infrastructure and rebate programs
- Easement acquisition for South Loop project



2021 Accomplishments

- Completion of Near Term 3-Year Growth Plan Strategy
- Expanded Parker and Fairway Substations
- Developed GIS Historical Electric Outage Dashboard and implemented proactive tree trimming
- New employee classifications
- Multiple Awards
 - Environmental
 - Customer Service
 - Green Power
 - Appliance disposal
 - Resource Efficiency
 - Community Service





2022 Upcoming Items

- Continued Strategic Approach to Contracts
 - Typical contracts needed for day-to-day business
 - Master Agreements
 - Substation Agreements
 - Have over 250 open contractual items
 - Comprehensive Council Actions
- Possible consideration of 300 MW wind project
- Decision on near-term feasibility of 50MW battery storage project – has been significantly affected by current supply chain issues



2022 Upcoming Items

- Award of Program Management Contract for system expansion plan
- Award of design contracts for KRS and SRS - \$120 million construction contracts
- Possible consideration of bond financing for KRS and SRS
- Comprehensive update to the load development fee
- Updating Org Chart and addition of new positions
 - Meet existing needs
 - Continued growth
 - Current vacancy rate at 21% (43 vacant positions)





125 Year Anniversary



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