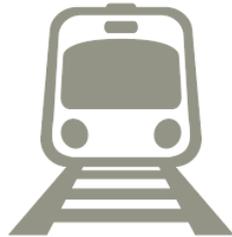


Valley Metro's Mesa Solar Installation



Previous Solar Installations



Rail Facility Solar

Installed: March 2015

15-20% of energy for facility

Energy equivalent of 123 homes



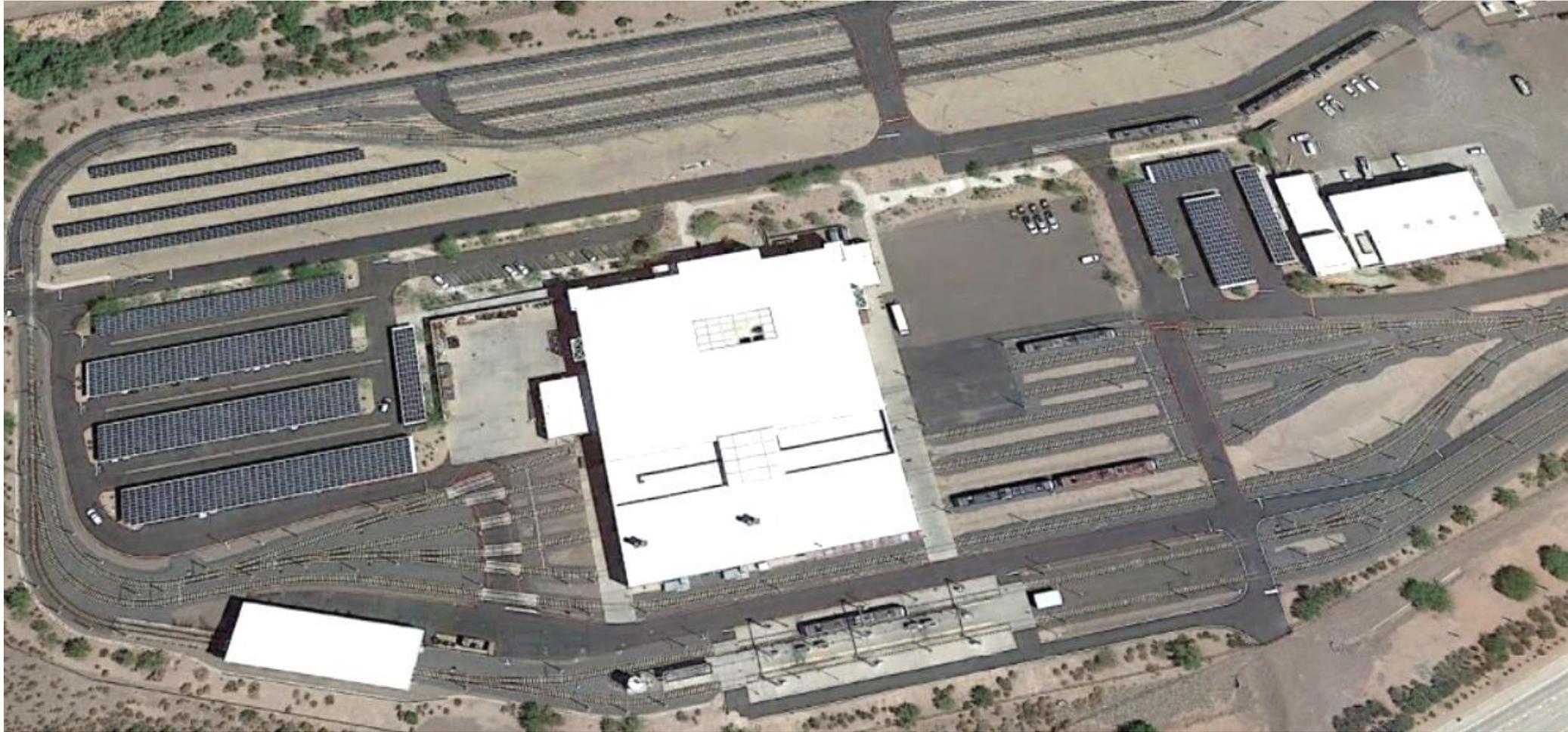
Tempe Bus Facility Solar

Installed: December 2017

30-40% of energy for facility

Energy equivalent of 60 homes

Rail Operations and Maintenance Facility



Tempe Bus Operations and Maintenance Facility



Mesa Bus Operations and Maintenance Facility



General Information

- Initially a shade canopy project
- Turned into solar project because of the energy potential
- Construction started in June 2019 and was complete May 2020
- Cost:
 - \$1.2 million to Valley Metro
 - \$2 million financed through solar purchase agreement



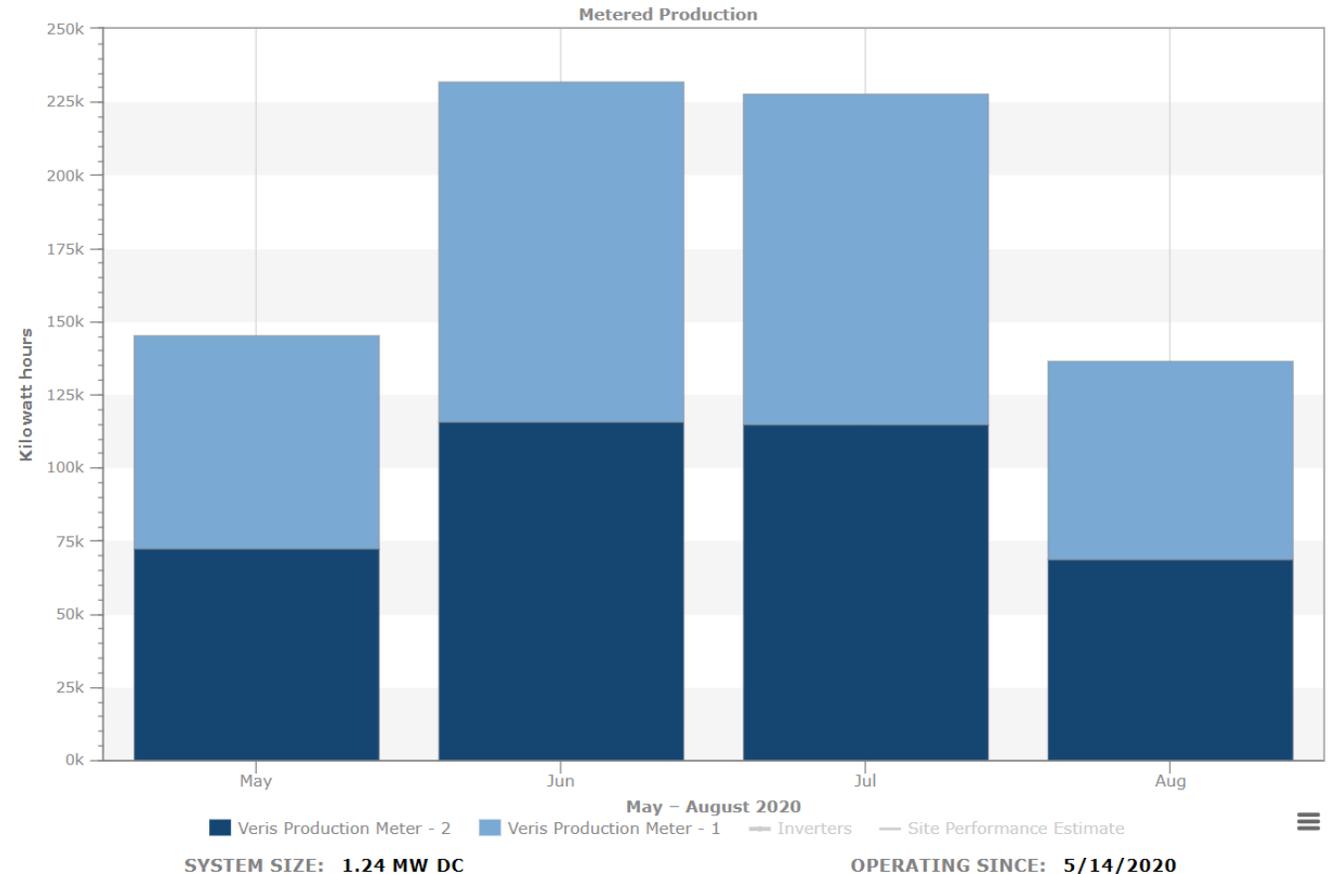
Panels

- 21 square feet each
- Panels cover 76,000 square feet
- 3,500 panels
- 350-watt panels



Energy Potential

- 2.1 million kilowatt-hours per year
- 60 million kilowatt-hours over the lifetime
- Energy equivalent of powering 171 homes each year
- Up to 80% of energy for facility



Savings



Energy

\$35,000 in year one



Buses

\$67,000/year in fuel



Air

1.6 tons/year CO₂

Thank You!

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