

# SOLAR ENERGY PROJECT

Receive Update on Solar Panel and  
Energy Storage Project

*Vanessa Rauschenberger, General Manager*



# SOLAR ENERGY PROJECT

## Primary Project Goals

- Reduce Energy Costs associated with facility
- Offset energy use from future H2 Fueling Operations

## Procurement Method

- GCTD staff have identified a procurement program through School Project for Utility Rate Reduction (SPURR) we are eligible to utilize as a public agency.



SPURR is a California-based joint powers authority of over 300 public agencies, which operates a variety of cooperative procurement programs, including the Renewable Energy Aggregated Procurement (REAP) Program.

The District is currently working with DSD Renewables, which was the winner of the REAP Program RFP, selected by SPURR to develop a proposed project.

## Preliminary Solar Canopy Site Layout

- Shade over Public and Employee parking
- Energy Storage
- Provides shaded parking, LED lighting
  
- Would potentially produce 75-80% of energy use



# SOLAR ENERGY PROJECT

The District is currently working with DSD Renewables to design the project including development of a Power Purchase Agreement (PPA).

Under a potential Power Purchase Agreement (PPA), **DSD Renewables** would finance, design, construct, implement, operate, and maintain the solar PV and energy storage systems, from which the District would receive and purchase energy from DSD Renewables at specified, pre-negotiated rates. Rates are currently still under development.

## **RECOMMENDATION**

**This item is for information / input only. It is recommended the Board receive and file this update and/or provide additional direction to staff on information provided.**

## **Future Items to be Brought Back in Future**

- Public Hearing
- Consideration of PPA Board Consideration