

August 2024

Solar PV Array Installation at Two United ISD Campuses - Status Update



Presented by:

Saleem Khan, P.E.

email: saleem@teesi.com

TEESI  **Engineering**

(Texas Energy Engineering Services Inc.)

www.teesi.com

(512) 328-2533



Project Status Update

- Initial consultation for a “Pilot Project” in 2023
 - Purchase Power Agreement (PPA)
 - A PPA allows the customer to receive stable and often low-cost electricity with no upfront cost.
 - Sites: Molina Middle School & San Isidro Elementary School
 - Delivery method consultations
 - Request for Proposal (RFP)
- Developed RFP from turnkey installation (design & construction) by Energy Service Company

Project Status Update Cont.

- Three bids were received which provided responses for how each entity would go about installing and maintaining a solar array system at the schools under a PPA
- TEESI did initial analysis of each response for input to UISD
- A follow up with the vendors was conducted to gather more specific information about their responses. TEESI provided an updated analysis of the responses to UISD

Project Status Update Cont.

- UISD Staff Conducted evaluation of the three vendors
- Currently recommendation of PEG Energy prepared for board consideration
- Evaluation committee members
 - Mr. Enrique Rangel, P.E. – Assistant Superintendent for Facilities & Construction
 - Mr. Ignacio Alaniz, Jr. – Director of Construction Management
 - Ms. Rosa I. Cabello – Director of Accounting
 - Ms. Irene G. Ruiz – Accounting Manager
 - Mr. Ernesto Castillo-Mena, P.E. – Bond Construction Project Manager
 - Mr. Manuel D. Menchaca – Director of Energy & Environmental Management

Project Status Update Cont.

- PPA agreement review complete
 - UISD, TEESI and legal
 - Approximately 20% power generation from Solar PV system
 - 20-year pricing scheduled for the portion generated by PV is established
 - Savings (\$/KWh & Associated TDSP charges)
- Next Step(s)
 - Design phase
 - Project completion 8 - 12 months from signed PPA