Site Details: Morse HS

Site	Morse HS, SDUSD
Address	6905 Skyline Drive, San Diego, CA

Electrical Services

No/Name	Account No	Meter No	Voltage	Amps	Phases	Hist. Ann. Usage	Future Ann. Usage	Current Tariff	PV Tariff
Main SDG&E	5848915529	6699735	12kV Main, 4kV/480 internal	600	3	1,159,000	1,657,000	ALDGRCPP	DG-R

Electrical Usage/Production

Annual Usage for Design	1,440,000 kWh	87%	of Future Annual Usage
Target Production	1,440,000 kWh	87%	of Annual Usage for Design
Approximate Preliminary PV Nameplate	900 kWp	--	

Site Details

PV Description	- Carports in dirt/gravel areas near sports fields, arranged to allow parking in area
Siting Preferences/ Constraints	- Dirt/gravel areas do not conflict with future plans for school
Shading/Vegetation	- Lower Area: Large eucalyptus at SE corner of SE lot. Remove.
Homerun	- Current interconnect scheme assumes tie-in with substations on 4kV loop within campus, confirmed this is acceptable with SDG&E - Upper: Substation 1, west of main lot, 480V - Lower: Substation 2, east end of football stadium, 480V
Main Service	- 12kV main service at north end of campus, indoor - Internal 4kV loop on campus with multiple substations. Most substations include 4kV/480V transformer. - Current scheme assumes tie-ins at substations
ADA Parking	- Existing ADA parking near SE Canopies not oriented for cover, may need to create new parking under canopies
Lighting	- Under canopy lighting and pole-mounted lighting per electrical drawings

Other Notes

- Existing PV, Approx. 180 kWp (784 x 60-cell Yingli modules), ~2012 install under PPA. 2x 75kW inverters (PV Powered, 208V), Tie-in at 208 subpanel. No modification or interconnection with existing PV planned.

See Attachment C Solar Site Plan for PV location designations.