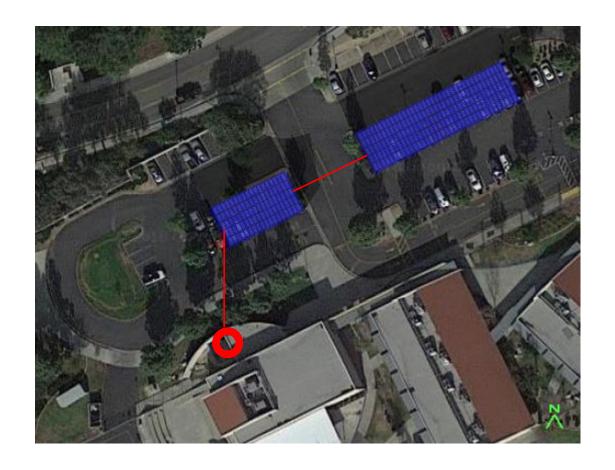
# Solar Proposal Review Orange Unified School District

- EcoMotion revised a Scope of Work (SOW) and submitted it to both Ameresco and ForeFront to provide proposals.
- EcoMotion requested PPA pricing for 20 year and 25 year options
- Additions such as Energy Storage (batteries), additional PV capacity, and financing alternatives could be considered as addendums.

School	PV kW DC	PV Type
Canyon Rim ES	97.2	Carport
El Modena HS	566.0	Carport
McPherson K-8	168.0	Carport
MOT Yard	179.0	Carport
Orange HS	294.0	Carport
Portola MS	267.0	Carport
Yorba MS	295.0	Ground
Total	1,866.2	

# Canyon Rim

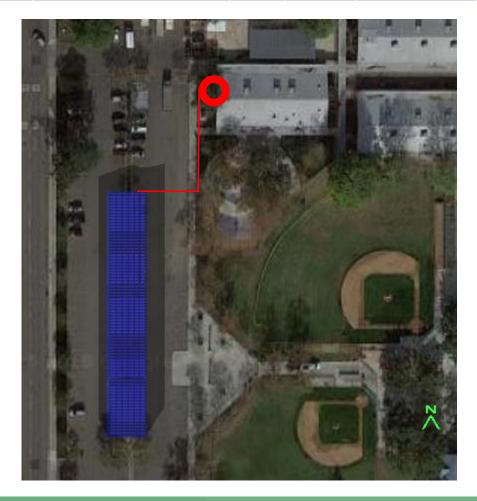
Proposed PV Size (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps
97.2	328,560	GS (use bills)	220'	APU	128756000	904000110	277/480V; 1000A



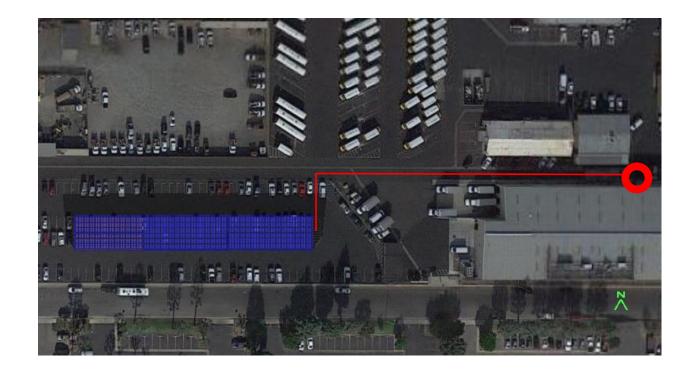
Proposed PV Size (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps
566	1,137,205	TOU-8 R (9 years) TOU-8 E (after)	900'	SCE	300296068	V345N- 000369	480V; 1600A



Proposed PV Size (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps
168	332,661	TOU-GS 3 R (9 years) TOU-GS 3 E (after)	160'	SCE	3001396977	V349N- 003275	270/480V; 1600A

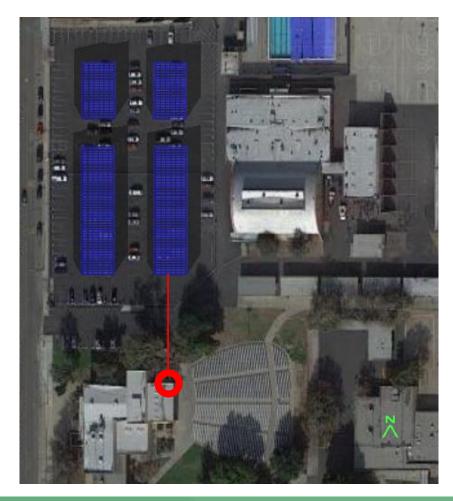


•	posed ze (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps
1	179	414,616	TOU-GS 2 R (9 years) TOU-GS 2 E (after)	450'	SCE	3013233088	359150000831	208/120V; 1600A



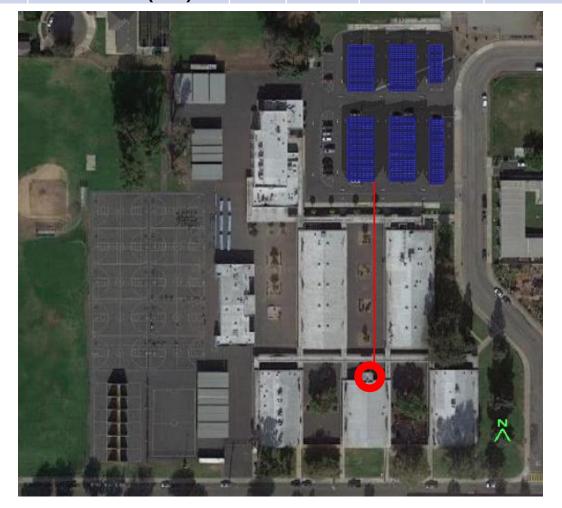
## Orange HS

Proposed PV Size (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps
294	494,863	TOU-GS 3 R (9 years) TOU-GS 3 E (after)	130'	SCE	3000966957	343M006038*	New equipment



Portola MS

Proposed PV Size (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps
267	472,814	TOU-GS 3 R (9 years) TOU-GS 3 E (after)	300'	SCE	3021168634	V349N001457	277/480V; 1200A



Proposed PV Size (kW)	Annual kWh	Proposed Utility Rate	AC Run	Utility	Account	Meter	Volts; Amps	
295	473,180	TOU-GS 3 R (9 years) TOU-GS 3 E (after)	750'	SCE	3001396943	V349N017670	277/480V; 1600A	



#### **EcoMotion Independent PV Expectations**

					Yea	r 1 SCE Bill		
School	PV kW DC	PV Type	kWh/kw	Total kWh	Re	eduction	Savi	ngs/kWh
Canyon Rim ES	97.2	Carport	1,720	167,138	\$	21,072	\$	0.126
El Modena HS	566.0	Carport	1,709	967,576	\$	166,907	\$	0.173
McPherson K-8	168.0	Carport	1,734	291,336	\$	49,707	\$	0.171
MOT Yard	179.0	Carport	2,008	359,456	\$	35,093	\$	0.098
Orange HS	294.0	Carport	1,464	430,491	\$	84,468	\$	0.196
Portola MS	267.0	Carport	1,563	417,351	\$	62,053	\$	0.149
Yorba MS	295.0	Ground	1,501	442,895	\$	63,065	\$	0.142
Total	1,866.2		1,648	3,076,243	\$	482,365	\$	0.157

Assumes 2018 as baseline year

## • 20 Year PPA

	Basic SOW capacity	Basic SOW capacity
	Option 1 20 years	Option 1 20 years
	Ameresco	ForeFront
20 Year PPA price	\$ 0.142	0.1397
Total annual kWh	3,076,243	3,076,243
1st year net savings	\$ 45,538	\$ 52,614
20 year PPA cost	\$ 8,333,734	\$ 8,198,751
20 year net savings	\$ 4,606,546	\$ 4,739,529

## • 25 Year PPA

	Basic SOW capacity	Basic SOW capacity
	Option 1 25 years	Option 1 25 years
	Ameresco	ForeFront
25 Year PPA price	\$ 0.139	\$ 0.1397
Total annual kWh	3,076,243	3,076,243
1st year net savings	\$ 54,767	\$ 52,614
25 year PPA cost	\$ 10,072,472	\$ 10,123,197
25 year net savings	\$ 7,473,849	\$ 7,423,124

	Ameresco	Forefront
20 Year PPA price	\$0.142	\$ 0.1397
20 Year Savings	\$4,606,546	\$4,739,529
Annual Savings	\$230,327	\$236,976
25 Year PPA Price	\$0.139	\$0.1397
25 Year Savings	\$7,473,849	\$7,423,124
Annual Savings	\$298,953	\$296,924
kWh Performance Guarantee	100%	95%
Construction Time Frame	10 Months	12 Months
EcoMotion Recommendation	<b>✓</b>	

- Addition of ESS (Energy Storage Systems)
- Final PV Size and Capacity
- Performance Guarantees
- O&M and Monitoring (Inclusions and exclusions)
- Lease Option
- Contract

