


RUSD PPA Proposals				
EcoMotion Comparison 10/20/21				
				
	Luminace	Site-logIQ	Excite Energy	Ameresco
Solar Project Comparison	Proposal dated 3/13/23	Proposal dated 3/13/23	Proposal dated 3/12/23	Proposal dated 3/10/23
Construction Schedule	April 2023 to Nov 2024	May 2023 to October 2024	March 2023 to October 2024	March 2023 to September 2024
Subcontractor list	MBarC	MBarC	MBarC/MBL/Teichert	Teichert Solar
Subcontractor list	PFMG Cointruction			BEI Construction
Subcontractor list	4STEL Engineering	4STEL Engineering		Teichert or equivalent
Subcontractor list	CSI Electrical/Rosendin			MMPV Design
Solar PPA				
20 Year Option		\$0.2352	\$0.1784	
Escalator		2%	0	
Average		\$0.2859	\$0.1784	
25 Year Option	\$0.1978	\$0.2125	\$0.1690	\$0.2150
Escalator	2.5%	2%	0	0
Average	\$0.2703	\$0.2723	\$0.1690	\$0.2150
30 Year Option	\$0.1978	\$0.1977	20/25 Option with Escalator 0.1565 / 0.145	
Escalator	2.5%	2%	1.90%	
Average	\$0.2895	\$0.2680	20: \$.1980 25: \$.1930	\$0.2150
Total First Year Generation (kWh)	1,971,515	2,464,727	2,570,755	2,567,891
Total DC kW	1,271.7	1,616.8	1678.52	1,664
Annual kWh	1,971,515	2,464,727	2,570,755	2,419,565
kWh/kW	1,550	1,524	1,532	1,454
Performance Guarantee	90%	90%	90%	94%
PV System Equipment				
PV Modules	Longi HiMo 4 450 watt	Canadian Solar, CS6W-540MB-AG(1000V) (540W)	Hanwha Q-Cell 580-watt	JA Solar JAM72D30-545/MB 545-Watt
Size	82.44" x 40.87"	89.21 in X 44.65 in		89.96" x 44.65" x 1.38"
Warranty (Years)	30	30	30	30
PV Reliability (DNVGL Report)	Yes	Yes	Yes	Yes
Annual Degradation rate	0.45%	0.45%	0.45%	0.45%
Inverters	Chint	Chint	Chint	Chint
KW AC	36 kW/60 kW	36 kW/50 kW		50kW/60kW
Efficiency (CEC)	97.4%	97.4%	97.4%	98.00%
Roof Racking			SnapNrack	
Steel Structure Company	MBarC	MBarC	MBarC/MBL/Teichert	Teichert or equivalent
Tilt	7 degrees			7 degrees
Monitoring	Also Energy Power Track	AlsoEnergy Power Light Commer	AlsoEnergy's PowerTrack	Data Acquisition System (DAS)
PPA Financer	Brookfield Renewable	BluePath Finance	New Energy Equity	Ameresco

School	Luminace kW Sizes	Luminace Gen	Luminace Gen/kW
Green Valley ES	129.6	193,752	1,495
Jackson ES	172.8	269,568	1,560
Lake Forest ES	105.3	157,739	1,498
Lakeview ES			
Rescue ES	170.1	267,397	1,572
Marina Village MS	197.1	299,144	1,518
Plasant Grove MS	496.8	783,915	1,578
Total	1,271.70	1,971,515	1,550

School	Site-logIQ kW Sizes	Site-logIQ Gen	Site-logIQ Gen/kW
Green Valley ES	138.8	203,025	1,463
Jackson ES	175.5	261,800	1,492
Lake Forest ES	(Combined with Marina Village)		
Lakeview ES	191.7	294,183	1,535
Rescue ES	175.5	277,264	1,580
Marina Village MS	425.0	629,558	1,481
Plasant Grove MS	510.3	798,897	1,566
Total	1,616.76	2,464,727	1,524

School	Excite kW	Excite Gen	Excite Gen/kW
Green Valley ES	183.86	274,531	1,493
Jackson ES	175.16	272,784	1,557
Lake Forest ES	167.0	255,880	1,532
Lakeview ES	208.8	299,741	1,436
Rescue ES	168.2	270,739	1,610
Marina Village MS	259.26	393,222	1,517
Plasant Grove MS	516.2	803,858	1,557
Total	1,678.52	2,570,755	1,532

School	Ameresco kW	Ameresco Gen	Ameresco Gen/kW
Green Valley ES	176.6	273,789	1,551
Jackson ES	176.6	275,684	1,561
Lake Forest ES	166.8	260,368	1,561
Lakeview ES	186.4	291,650	1,565
Rescue ES	176.6	279,474	1,583
Marina Village MS	255.1	391,926	1,537
Plasant Grove MS	500.3	795,000	1,589
Total	1638.27	2,567,891	10,946

	Site Logiq 20 YEAR	Site Logiq 25 YEAR	Site Logiq 30 YEAR	Luminace 25 YEAR	Luminace 30 YEAR	Excite 20 YEAR	Excite 25 YEAR	Excite 25 YEAR	Excite 30 YEAR	Ameresco 25 YEAR
	2%	2%	2%	2.50%	2.50%	0%	0%	with escalator 1.90%	1.90%	0%
Year 1	0.2353	0.2125	0.1977	0.1978	0.1978	0.1784	0.1690	0.1565	0.1450	0.215
Year 2	0.2400	0.2168	0.2017	0.2027	0.2027	0.1784	0.1690	0.1595	0.1478	0.215
Year 3	0.2448	0.2211	0.2057	0.2078	0.2078	0.1784	0.1690	0.1625	0.1506	0.215
Year 4	0.2497	0.2255	0.2098	0.2130	0.2130	0.1784	0.1690	0.1656	0.1534	0.215
Year 5	0.2547	0.2300	0.2140	0.2183	0.2183	0.1784	0.1690	0.1687	0.1563	0.215
Year 6	0.2598	0.2346	0.2183	0.2238	0.2238	0.1784	0.1690	0.1719	0.1593	0.215
Year 7	0.2650	0.2393	0.2226	0.2294	0.2294	0.1784	0.1690	0.1752	0.1623	0.215
Year 8	0.2703	0.2441	0.2271	0.2351	0.2351	0.1784	0.1690	0.1785	0.1654	0.215
Year 9	0.2757	0.2490	0.2316	0.2410	0.2410	0.1784	0.1690	0.1819	0.1686	0.215
Year 10	0.2812	0.2540	0.2363	0.2470	0.2470	0.1784	0.1690	0.1854	0.1718	0.215
Year 11	0.2868	0.2590	0.2410	0.2532	0.2532	0.1784	0.1690	0.1889	0.1750	0.215
Year 12	0.2926	0.2642	0.2458	0.2595	0.2595	0.1784	0.1690	0.1925	0.1784	0.215
Year 13	0.2984	0.2695	0.2507	0.2660	0.2660	0.1784	0.1690	0.1962	0.1817	0.215
Year 14	0.3044	0.2749	0.2557	0.2727	0.2727	0.1784	0.1690	0.1999	0.1852	0.215
Year 15	0.3105	0.2804	0.2609	0.2795	0.2795	0.1784	0.1690	0.2037	0.1887	0.215
Year 16	0.3167	0.2860	0.2661	0.2865	0.2865	0.1784	0.1690	0.2076	0.1923	0.215
Year 17	0.3230	0.2917	0.2714	0.2936	0.2936	0.1784	0.1690	0.2115	0.1960	0.215
Year 18	0.3295	0.2976	0.2768	0.3010	0.3010	0.1784	0.1690	0.2155	0.1997	0.215
Year 19	0.3361	0.3035	0.2824	0.3085	0.3085	0.1784	0.1690	0.2196	0.2035	0.215
Year 20	0.3428	0.3096	0.2880	0.3162	0.3162	0.1784	0.1690	0.2238	0.2073	0.215
Year 21	0.2859	0.3158	0.2938	0.3241	0.3241	0.1784	0.1690	0.2280	0.2113	0.215
Year 22		0.3221	0.2996	0.3322	0.3322		0.1690	0.2324	0.2153	0.215
Year 23		0.3285	0.3056	0.3405	0.3405		0.1690	0.2368	0.2194	0.215
Year 24		0.3351	0.3118	0.3490	0.3490		0.1690	0.2413	0.2235	0.215
Year 25		0.3418	0.3180	0.3578	0.3578		0.1690	0.2459	0.2278	0.215
Year 26		0.2723	0.3243	0.2703	0.3667			0.1980	0.2321	0.2150
Year 27			0.3308		0.3759				0.2365	
Year 28			0.3375		0.3853				0.2410	
Year 29			0.3442		0.3949				0.2456	
Year 30			0.3511		0.4048				0.2503	
			0.2680		0.2895				0.1930	