

Please place an “X” next to the category that most closely resembles the City’s interests for the specified property:

	City Owned Site	Category 1 (Site Likely to be sold)	Category 2 (Site under consideration to be sold)	Category 3 (Site unlikely to be sold)
1.	Anderson Park			
2.	Calas Park			
3.	Carriage Crest Park			
4.	Carson Park			
5.	City Hall			
6.	Community Center			
7.	Corporate Yard			
8.	Del Amo Park			
9.	Dolphin Park			
10.	Dominguez Park			
11.	Dr. Mills Park			
12.	Friendship Park			
13.	Perry Street Park			
14.	Reflections Park			
15.	Scott Park			
16.	Stevenson Park			
17.	V. Hemingway Park			
18.	Veterans Park			
19.	Walnut Park			

Exhibit No. 1

Anderson Park

kWh usage per year existing	143,598 kWh
LED kWh reduction	69,254 kWh
Mechanical kWh reduction	0 kWh
EV Charging kWh increase	15111 kWh
New kWh	89,455 kWh

kWh per kW of solar (ETB)	1487 kWh
Solar Required	60 kW
Solar potential on Site	154 kW

EV Chargers Level 2	2 Each
EV Chargers Fast	

NEM Agreement TYPE	Standard single site NEM
Battery Sizing	Not needed. No Demand

Serv Acct Number	Meter (1-6)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			85	142,841	143,596	\$0	\$9,858	\$204	\$0.07	\$10,062	\$10,722

Transformer #

Notes:

We have changed this solar. The new solar will be in the grass area (#3) down by the meter service.

NOT NEEDED: OPTION 2



Calas Park

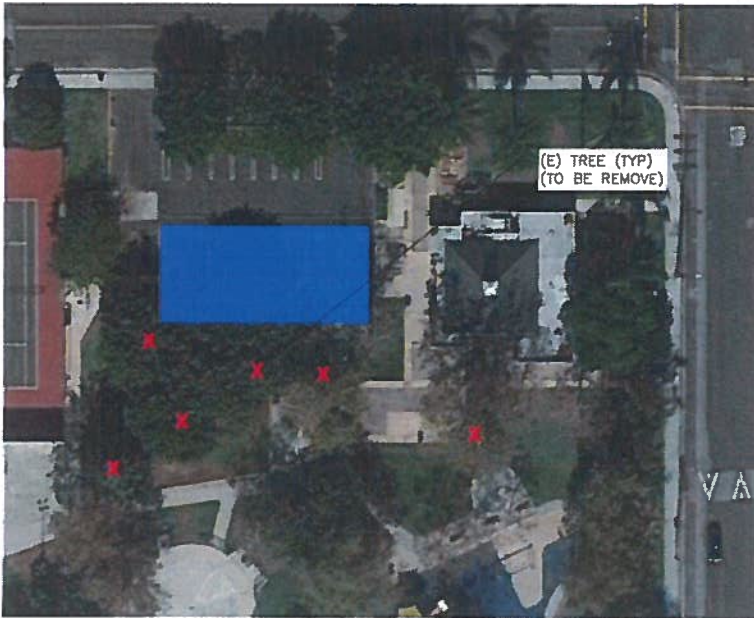
kWh usage per year existing	108,550 kWh
LED kWh reduction	15,962 kWh
Mechanical kWh reduction	0 kWh
EV Charging kWh increase	0 kWh
New kWh	92,588 kWh

kWh per kW of solar (ETB)	1487 kWh
Solar Required	62 kW
Solar potential on Site	66 kW
EV Chargers Level 2	0 Each
EV Chargers Fast	

NEM Agreement TYPE Standard single site NEM Over Generation
 Battery Sizing NO Demand, No battery needed

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue	
			80	108,610	108,551		\$0	\$7,478	\$204	\$0.07	\$7,682	\$8,210

Transformer # [REDACTED]



Carriage Crest

kWh per kW of solar (ETB)	1487 kWh
Solar Required	40 kW
Solar potential on Site	115 kW

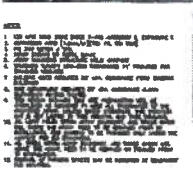
Solar Required	40 kW
Solar potential on Site	115 kW

EV Chargers Fast

Battery Sizing	NO Demand
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Array	PV Up	PV Across	String	Modules	kWp	kWh
Total	1	4	65	26	260	174503

4 up canopy is only option for this site due to space constraints



Carson Park

kWh usage per year existing	113,254	kWh
LED kWh reduction	21,584	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	45333	kWh
New kWh	137,002	kWh

kWh per kW of solar (ETB) 1456 kWh

Solar Required 94 kW

Solar achieved on Site 360 kW

EV Chargers Level 2 6 Each

EV Chargers Fast

NEM Agreement TYPE Standard single site NEM Over Generation

Battery Sizing

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			147	257,265	0					\$0	\$45,011
			10	19,703	82,545	\$1,714	\$5,805	\$500	\$0.10	\$7,819	\$2,519
			18	21,486	30,707	\$0	\$2,050	\$204	\$0.07	\$2,254	\$1,741

Transformer # By pool, appears to be on pole

Transformer # By main building

SunPower Tier 1 Results

Array	PV Up	PV Across	String	Modules	kWp	kWh
Total					830	361.05
1	6	55	33	330	143.55	235751.9
2	6	40	24	240	104.4	164183.8
3	4	65	26	260	113.1	177760.8

NOTE: Some solar will be moved to the roof of the building instead of the parking lot



City Hall

kWh usage per year existing	993,633 kWh
LED kWh reduction	145,585 kWh
Mechanical kWh reduction	205,733 kWh
EV Charging kWh increase	66988 kWh
	709,303 kWh

kWh per kW of solar (ETB)	1484 kWh
Solar Required	478 kW
Solar achieved on Site	550 kW

EV Chargers Level 2	4 Each
EV Chargers Fast	2

NEM Agreement TYPE	RESBCT	Over Generation
Battery Sizing	500/1088	

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			277	996,379	993,633	\$78,700	\$77,700	\$5,920	\$0.14	\$141,851	\$142,348

Transformer #					
SunPower Tier 1 Results	435				
Array	PV Up	PV Across	String	Modules	kWp
Total	1270 552.45				
1	4	45	18	180	78.3
2	6	45	27	270	117.45
3	6	45	27	270	117.45
4	6	25	15	150	65.25
5	6	25	15	150	65.25
6	6	25	15	150	65.25
7	4	25	10	100	43.5



Civic/Community Center

kWh usage per year existing	1,195,566	kWh
LED kWh reduction	126,776.10	kWh
Mechanical kWh reduction	154,597	kWh
EV Charging kWh increase	93938	kWh
New kWh	1,008,131	kWh

kWh per kW of solar (ETB) 1214 kWh

Solar Required 990 kW

Solar potential on Site 1750 kW

EV Chargers Level 2 10 Each

EV Chargers Fast 1

NEM Agreement TYPE RESBCT Over Generation

Battery Sizing 500kW/1088kWh

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			377	1,193,958	1,195,655	\$100,995	\$78,188	\$5,920	\$0.16	\$185,103	\$184,697

Transformer #

NOTE: NOT all of this solar is needed. #8 will most likely be removed. OR 4 & 5

SunPower Tier 1 Results						435
Array	PV Up	PV Across	String	Modules	kWp	
Total					2780	1209.5
1	5	76	38	380	165.3	
2	6	80	48	480	208.8	
3	6	80	48	480	208.8	
4	6	45	27	270	117.45	
5	5	36	18	180	78.3	
6	6	55	33	330	143.55	
7	6	55	33	330	143.55	
8	6	55	33	330	143.55	



Corporate Yard

kWh usage per year existing	377,039	kWh
LED kWh reduction	92,377.62	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	60,444	kWh
	345,105	kWh

kWh per kW of solar (ETB) 1484 kWh

Solar Required 233 kW

Solar achieved on Site 0 kW

EV Chargers Level 2 8 Each

EV Chargers Fast

NEM Agreement TYPE RESBCT from Community Center Needs solar aggregation from another site

Battery Sizing NO Battery Yard 3

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			106	85,370	86,670	\$12,014	\$6,113	\$2,644	\$0.24	\$20,771	\$19,869
			45	182,629	183,949	\$11,101	\$13,610	\$2,644	\$0.15	\$27,355	\$25,833
			28	105,975	106,420	\$6,983	\$7,739	\$2,644	\$0.16	\$17,366	\$16,396

Notes:

No Solar Installed on site. Major DUST issues

Dirt lot next to building for trucking company

Solar will come from Community Center solar array.

Del Amo Park

kWh usage per year existing	138,053	kWh
LED kWh reduction	22,018	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	0	kWh
	116,035	kWh

Notes:

Flood basin
No solar or EV charging
Tough location
Roof not feasible

kWh per kW of solar (ETB)	1,514 kWh
Solar Required	77 kW
Solar achieved on Site	0 kW
EV Chargers Level 2	0 Each
EV Chargers Fast	0

NEM Agreement TYPE	Unknown	No Solar installed, Not avail for RESBCT	**** RES BCT Rate not available for AL-2 Rates. This site may need to be dropped, or switched to TOU rate and included in RESBCT
Battery Sizing	NO Demand		

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			122	137,999	138,053	\$0	\$9,626	\$204	\$0.07	\$9,830	\$10,516

Customer Name	CSS Customer Number	Serv Acct Number	Current Rate	Meter Number	Cust Acct Number	Serv Acct Address	Serv Acct City	Zip	Facility Name	kWh per year ETB
CARSON, CITY OF						703 E DEL AMO BLVD	CARSON	90746-3309	Del Amo Park	138053



Dolphin Park

kWh usage per year existing	176,569	kWh
LED kWh reduction	24,490	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	15,111	kWh
	167,190	kWh

kWh per kW of solar (ETB) 1.514 kWh

Solar Required 110 kW

Solar achieved on Site 155 kW

EV Chargers Level 2 2 Each

EV Chargers Fast

Over/Under Gen

NEM Agreement TYPE RESBCT Possible Over Generation 45

Battery Sizing 30 kW / 60 kWh

Serv Acct Number	Meter (1-6)	Rate	Annual Max kW	ORIGINAL Annual KWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			216	177,248	176,569	\$32,527	\$18,048	\$5,303	\$0.32	\$55,878	\$48,282
			0	5,328						\$0	\$1,526

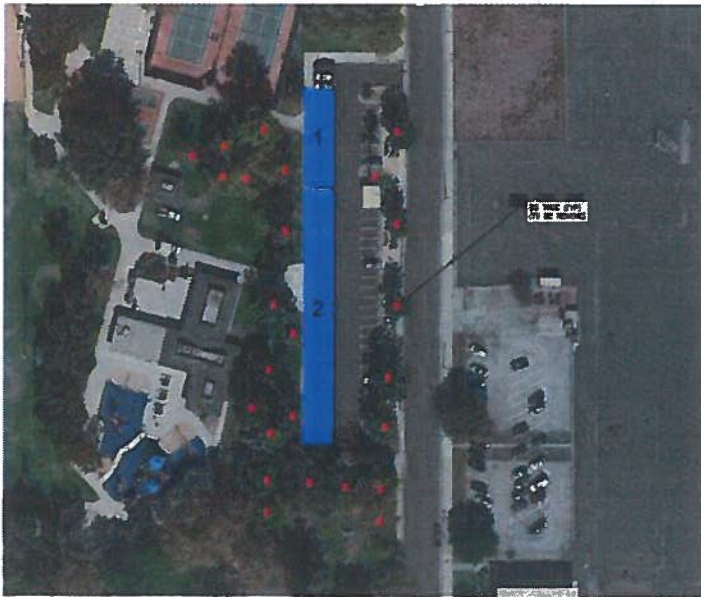
Transformer #

NOTES: Solar array #1 will be removed. Not needed.

SunPower Tier 1 Results

435

Array	PV Up	PV Across	String	Modules	kWp	kWh
Total					360	156.6
	1	4	25	10	100	43.5
	2	4	65	26	260	113.1



Dominguez Park

kWh usage per year existing	48,531	kWh
LED kWh reduction	11,161	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	30,222	kWh
	67,592	kWh

kWh per kW of solar (ETB) 1,514 kWh

Solar Required 45 kW

Solar achieved on Site 155 kW

EV Chargers Level 2 4 Each

EV Chargers Fast

NEM Agreement TYPE NEM - Aggregation Zero Net - Mult Meters Same Site

Battery Sizing NO Demand

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			3	5,512	5,512		\$331	\$204		\$535	\$535
			106	48,531	48,531		\$3,359	\$204	\$0.07	\$3,563	\$20,141

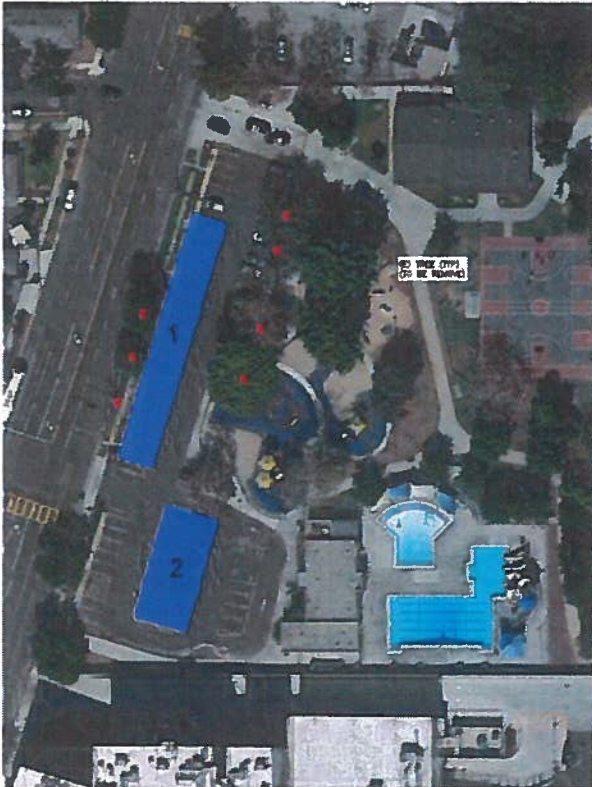
Transformer #

Meter 49679 only uses 5000 kWh per year which needs 3.5 kW of solar to offset

SunPower Tier 1 Results 435

Array	PV Up	PV Across	String	Modules	kWp	kWh
Total					370	160.95
1	4	55	22		220	95.7
2	6	25	15		150	65.25

NOTES: Solar array #1 is NOT needed. #1 will be removed.



Dr Mills Park

kWh usage per year existing	79,100	kWh
LED kWh reduction	25,380	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	15,111	kWh
	68,831	kWh

kWh per kW of solar (ETB)	1.514	kWh
Solar Required	45	kW
Solar achieved on Site	50	kW
EV Chargers Level 2	2	Each
EV Chargers Fast		

NEM Agreement TYPE	RESBCT Possible	Zero Net
Battery Sizing	60 kW / 120 kWh	

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual KWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			29	78,764	79,100	\$4,334	\$7,250	\$2,844	\$0.18	\$14,228	\$13,083

Transformer #

SunPower Tier 1 Results				435		
Array	PV Up	PV Across	String	Modules	kWp	kWh
Total	1	4	30	12	120	\$2.2
					120	\$2.2
						\$4009.8
						\$4009.8



Friendship Park

Solar required 2
 Solar achieved 0 NO solar on this site. Another site solar will cover this Energy Usage.
 EV Chargers Level 2 0
 EV Chargers Fast
 LED Reduction
 NEM Agreement TYPE

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			1	2,238	2,238		\$392	\$204	\$0.27	\$596	\$596

Customer Name	CSS Customer Number	Serv Acct Number	Current Rate	Meter Number	Cust Acct Number	Serv Acct Address	Serv Acct City	Zip	Facility Name
CARSON, CITY OF						21910 WATER ST	CARSON	90745	Friendship Park

Design 1

Saved < > Showing Array

Electrical Keypoints Electrical Advanced

Field Segments

☒ Field segments cast shadows

Description	Modules	Action
Field Segment 1	5 (2kW)	

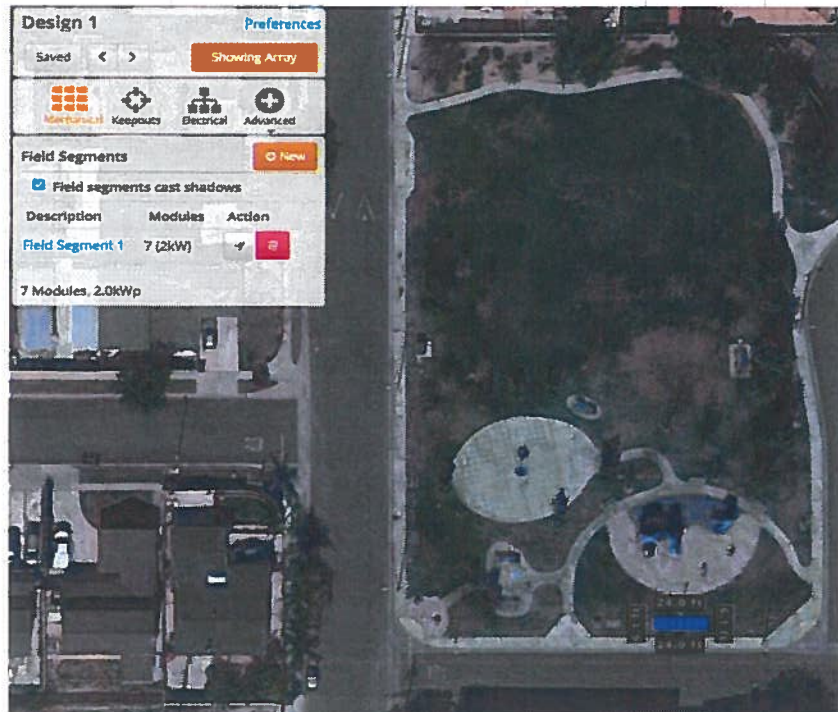
5 Modules, 1.6kWp

Perry Street Park

Solar required 2
 Solar achieved 0 NO solar on this site. Another site solar will cover this Energy Usage.
 EV Chargers Level 2
 EV Chargers Fast
 LED Reduction
 NEM Agreement TYPE

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			2	3,301	3,301		\$541	\$204	\$0.23	\$745	\$745

Customer Name	CSS Customer Number	Serv Acct Number	Current Rate	Meter Number	Cust Acct Number	Serv Acct Address	Serv Acct City	Zip	Facility Name
CARSON, CITY OF						1205 E 215TH PL	CARSON	90745	Perry St Mini-Park



Reflections Park

Solar required 1
 Solar achieved 0 NO solar on this site. Another site solar will cover this Energy Usage
 EV Chargers Level 2
 EV Chargers Fast
 LED Reduction
 NEM Agreement TYPE

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			0	1,349	1,349		\$282	\$204	\$0.36	\$486	\$486

Customer Name	CSS Customer Number	Serv Acct Number	Current Rate	Meter Number	Cust Acct Number	Serv Acct Address	Serv Acct City	Zip	Facility Name
CARSON, CITY OF						21208 SHEARER AVE	CARSON	90745	Reflections Mini Park

Design 1 Preferences

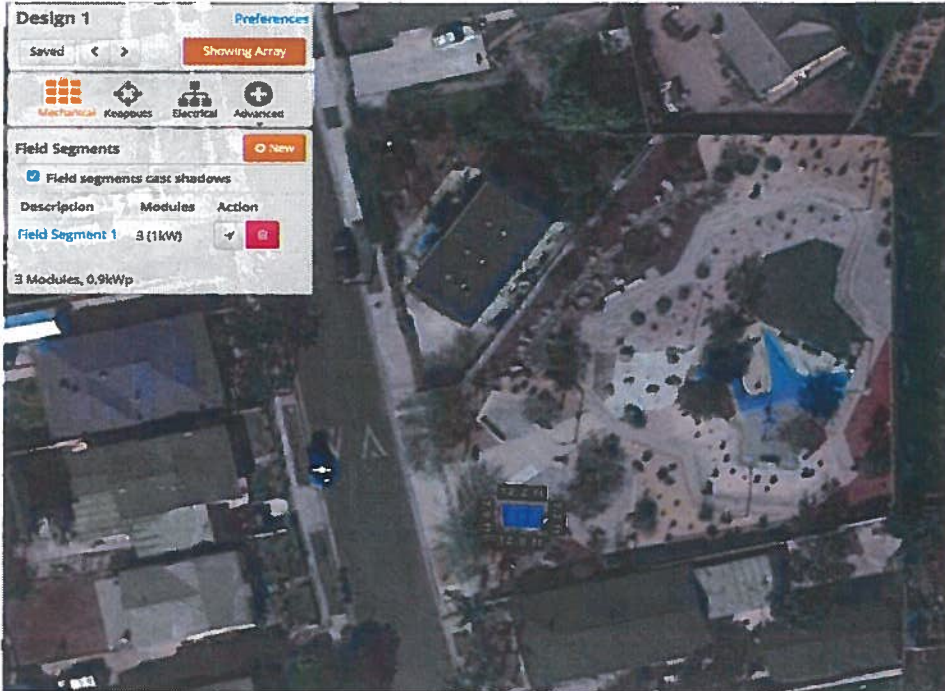
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Field Segments New

☒ Field segments cast shadows

Description	Modules	Action
Field Segment 1	3 (1kW)	

3 Modules, 0.9kWp



Stevenson Park

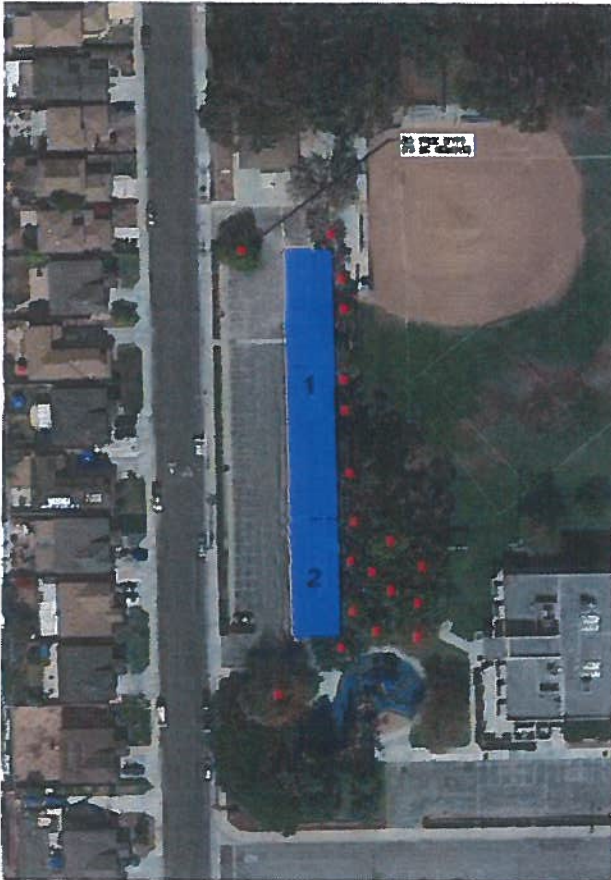
kWh usage per year existing	281,185	kWh
LED kWh reduction	31,658	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	30,222	kWh
	279,749	kWh

kWh per kW of solar (ETB)	1,514	kWh
Solar Required	185	kW
Solar achieved on Site	187	kW
EV Chargers Level 2	4	Each
EV Chargers Fast		

NEM Agreement TYPE	NEM - Aggregation	Zero Net - Mult Meters Same Site	Over/Under Gen	2	**** Could do RESBCT Rate for the over generation if needed.
Battery Sizing	500 kW / 1080 kWh			100 kW / 200 kWh LH	

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			46	25,538	25,751		\$1,701	\$204	\$0.07	\$1,905	\$1,929
			0	0			0	297		\$297	\$297
			0	161			0	319		\$319	\$319
			161	255,434	255,434	\$25,634	\$22,679	\$305	\$0.19	\$48,618	\$53,537

Transformer #											
SunPower Tier 1 Results					435						
Array	PV Up	PV Across	String	Modules	kWp	kWh					
Total					430	187.05	290514.5				
1	5	60	30		300	130.5	202684.5349				
2	5	26	13		130	56.55	87829.96512				



Scott Park

kWh usage per year existing	320,711	kWh
LED kWh reduction	58,393	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	30,222	kWh
	292,540	kWh

kWh per kW of solar (ETB)	2,524	kWh
Solar Required	193	kW
Solar achieved on Site	193	kW
EV Chargers Level 2	4	Each
EV Chargers Fast		

NEM Agreement TYPE	NEM - Aggregation	Zero Net - Mult Meters Same SBE
Battery Sizing	NO Demand	

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			2	5,417	5,000		\$335	\$204	\$0.11	\$539	\$539
			179	316,197	315,711		\$22,438	\$204	\$0.07	\$22,642	\$24,588

Transformer # Appears to be on pole: [REDACTED]

SunPower Tier 1 Results					435	
Array	PV Up	PV Across	String	Modules	kWp	kWh
Total					450	195,75
	1	6	45	27	270	117.45
	2	4	45	18	180	78.3



Hemingway Park

kWh usage per year existing	303,748	kWh
LED kWh reduction	76,497	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	30,222	kWh
	257,472	kWh

kWh per kW of solar (ETB) 2,514 kWh

Solar Required 170 kW

Solar achieved on Site 196 kW

EV Chargers Level 2 4 Each

EV Chargers Fast

NEM Agreement TYPE NEM - Aggregation Zero Net - Mult
Meters Same Site

Battery Sizing 100kW / 300kWh

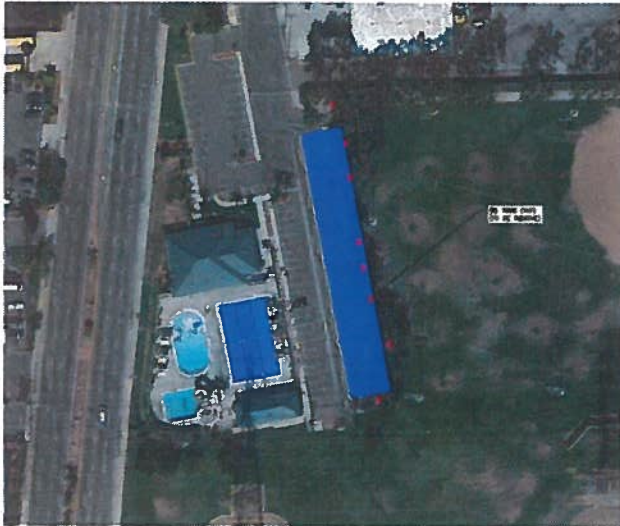
Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			109	160,475	162,262		\$11,066	\$204		\$0.07	\$11,270
			48	139,662	141,486	\$9,799	\$9,965	\$2,644		\$0.16	\$22,408
											\$11,806
											\$20,827

Transformer # Over by pool

Transformer # Over by park building and playground

SunPower Tier 1 Results					435		
Array	PV Up	PV Across	String	Modules	kWp	kWh	
Total					450	195.75	302722.8
	1	6	75	45	450	195.75	302722.8

NOTE: Main building and its' transformer are out of this picture.



Veterans Park

kWh usage per year existing	634,216	kWh
LED kWh reduction	175,334	kWh
Mechanical kWh reduction	0	kWh
EV Charging kWh increase	63,716	kWh
	522,598	kWh

kWh per kW of solar (ETB) 2.124 kWh

Solar Required 345 kW

Solar achieved on Site 451 kW

EV Chargers Level 2 6 Each

EV Chargers Fast 1

NEM Agreement TYPE NEM - Aggregation Zero Net - Mult Meters Same Site

Battery Sizing 500/1088 or 100/200 LH

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual kWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			251	628,615	625,946	\$82,511	\$40,766	\$5,920	\$0.17	\$109,197	\$108,328
			21	8,657	8270		\$521	\$204	\$0.09	\$725	\$733

Transformer #

SunPower Tier 1 Results 435

Array	PV Up	PV Across	String	Modules	kWp
Total					950 413.25
1	4	30	12	120	52.2
2	6	15	9	90	39.15
3	4	45	18	180	78.3
4	4	55	22	220	95.7
5	4	55	22	220	95.7
6	6	20	12	120	52.2

NOTE: Solar may be put on roof of building instead of carport canopy



Walnut Mini Park

Solar required 4
 Solar achieved 0
 EV Chargers Level 2 0
 EV Chargers Fast
 LED Reduction
 NEM Agreement TYPE
 Battery Sizing NO Demand

NO solar on this site. Another site solar will cover this Energy Usage.

Serv Acct Number	Meter (1-5)	Rate	Annual Max kW	ORIGINAL Annual KWh	ETB Annual kWh	Demand Fees	Usage Fees	Service Fees	LCOE	ETB Annual Revenue	ORIGINAL Annual Revenue
			1	4,794	4,794		\$287	\$204	\$0.10	\$491	\$491

Customer Name	CSS Customer Number	Serv Acct Number	Current Rate	Meter Number	Cust Acct Number	Serv Acct Address	Serv Acct City	Zip	Facility Name
CARSON, CITY OF						440 E WALNUT ST	CARSON	90745	Walnut Mini-Park