RECEIVED

Agenda Date: 11/19/2020

Council Meeting

2020 NOV 17 A 11: 27 FRESNO CITY COUNCIL

CITY OF FRESNO CITY CLERK'S OFFICE

FRESN.

Information Packet

ITEM(S)

File ID 20-001446 (1-G)

Actions pertaining to solar projects proposed at three new City of Fresno facilities: 1) Fresno Animal Shelter 2) Fire Station 18, and 3) Southeast Police Sub-Station (Council Districts 1, 4 and 5):

Contents of Supplement: PowerPoint re: Solar Phase 2.

Item(s)

Supplemental Information:

Any agenda related public documents received and distributed to a majority of the City Council after the Agenda Packet is printed are included in Supplemental Packets. Supplemental Packets are produced as needed. The Supplemental Packet is available for public inspection in the City Clerk's Office, 2600 Fresno Street, during normal business hours (main location pursuant to the Brown Act, G.C. 54957.5(2). In addition, Supplemental Packets are available for public review at the City Council meeting in the City Council Chambers, 2600 Fresno Street. Supplemental Packets are also available on-line on the City Clerk's website.

Americans with Disabilities Act (ADA):

The meeting room is accessible to the physically disabled, and the services of a translator can be made available. Requests for additional accommodations for the disabled, sign language interpreters, assistive listening devices, or translators should be made one week prior to the meeting. Please call City Clerk's Office at 621-7650. Please keep the doorways, aisles and wheelchair seating areas open and accessible. If you need assistance with seating because of a disability, please see Security.



City of Fresno

Phase 2 Renewable Energy Proposal
Ann Kloose – Fresno Sustainability Manager
Sam Zantzinger – ForeFront Power Manager
Kevin Flanagan – SPURR REAP Program
Manager

November 19, 2020





City of Fresno Renewable Strategy

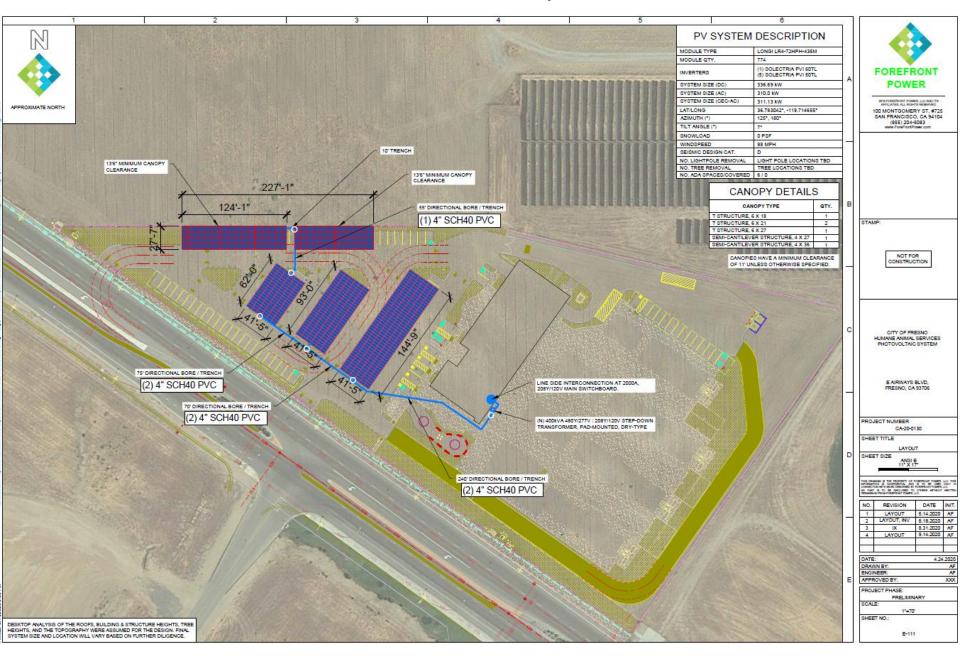




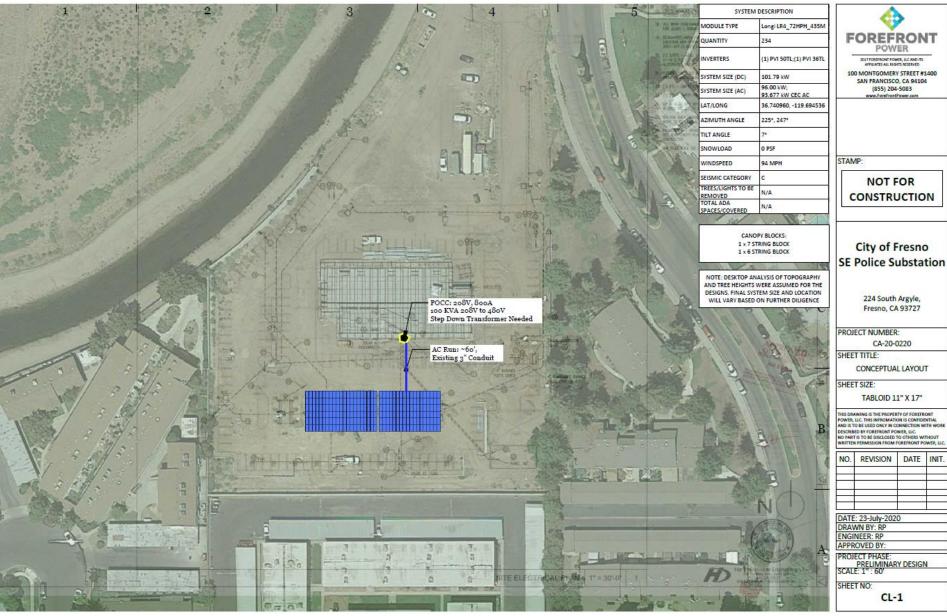


- On Site Solar Solutions
 - 517 kW across 3 sites
 - 90% Energy Offset
 - Shaded Parking, LED Lighting
- Save on Electricity
 - +\$35k Year 1 Savings
 - +\$1.9 Million over 20 years
 - 33% Savings over 20 Years
- PPA: 0% Escalation = Rate Stabilization
- 95% Performance Guarantee
- Operations & Maintenance for 20 Years
- City Local Hire Requirements
 - Local Hiring = Local Job Creation

Animal Shelter Facility - 337 kW

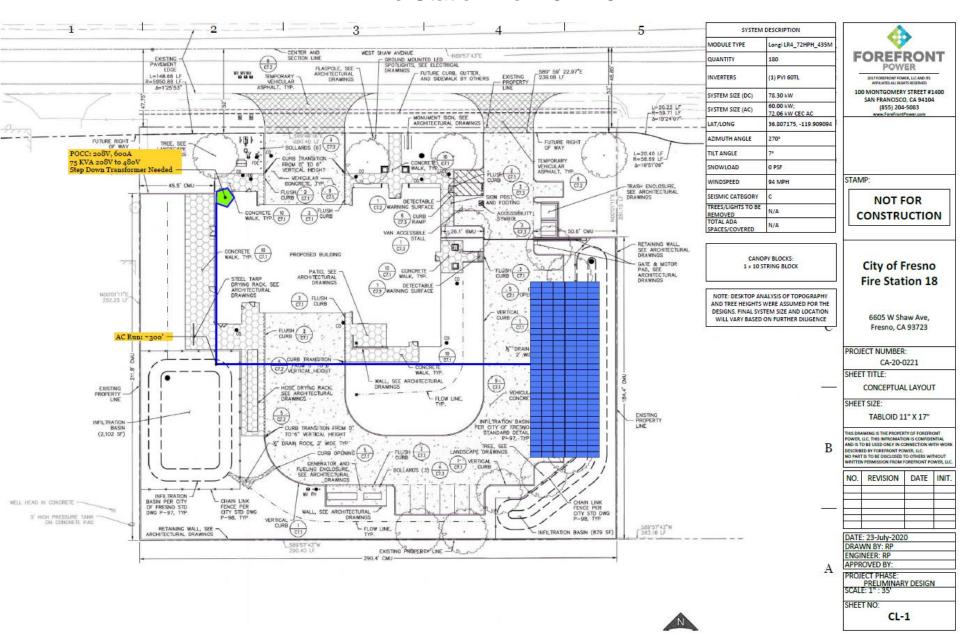


Southeast Police Station – 102 kW



NO.	REVISION	DATE	INIT.
6		9	
- 8			
0		- 6	

Fire Station No. 18 – 78 kW





Phase 2 Summary & Savings

Site	PPA Rate	PPA Escalator	Solar System Size (kW)	Y1 Production (kWh)	% Energy Offset	Pre-Solar Utility Bill	Year 1 Savings	20 Year Savings
Animal Shelter	\$0.1425	0%	337	565,352	90%	\$137,655	\$20,644	\$1,138,137
SE Police Substation	\$0.1754	0%	102	172,411	90%	\$45,934	\$7,707	\$470,598
Fire Station #18	\$0.1830	0%	78	125,993	92%	\$36,793	\$7,541	\$355,563
Total	\$0.1550	0%	517	863,756	90%	\$220,382	\$35,893	\$1,964,299



Questions and Comments

