



POWER PURCHASE AGREEMENTS WITH PENINSULA CLEAN ENERGY

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BACKGROUND



Peninsula Clean Energy is a local public agency that was launched in 2016 to provide clean electricity to San Mateo County

Suite of programs for local governments including the Solar and Storage for Public Buildings GovPV Program, now in it's second round





PCE'S GOVPV SOLAR PROGRAM



- PCE handles design, procurement, installation and maintenance of solar photovoltaic (PV) systems
- City purchases electricity generated from panels with the rate at-cost (or below PCE) staying flat for 20 years
- At the end of the 20-year term, the City has an option to buy the systems at Fair Market Value, extend by five years, or have PCE remove the systems
- Facility will draw on less energy from the grid and will be powered in large part by solar



SYSTEM DETAILS



Site	System Size (kW)	Blended average electricity price today (\$/kW)	PPA electricity price (\$/kWh)	Total estimated savings over 20 year PPA term
Belle Haven Child Development Center (410 Ivy Drive)	33.1 kW	\$0.42	\$0.23	\$370,900
Burgess Pool (501 Laurel Street)	54.6 kW	\$0.27	\$0.23	\$265,600
City Hall (701 Laurel Street)	379.7 kW	\$0.27	\$0.26	\$1,477,300
Menlo Park Library (800 Alma Street)	229.9 kW	\$0.27	\$0.23	\$1,120,900



TIMELINE



EQC recommendation to participate in GovPV program



Roof replacements at City Hall, City Council Chambers, Belle Haven Child Development Center, and the library

PCE's contractor energizes systems



Authorize PPA signature

PCE's contractor completes designs and installations

Electrification of Belle Haven Child Development Center

2023

2024

2025

2026



STAFF RECOMMENDATION

Adopt a resolution authorizing the City Manager to execute power purchase agreements (PPAs) for solar photovoltaic systems for the Belle Haven Child Development Center, Burgess Pool, City Hall, and Menlo Park Library (Attachment A) through the Peninsula Clean Energy Solar and Storage for Public Buildings GovPV program



THANK YOU