



Information and General Services Department

Facilities Management

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NEVADA COUNTY BOARD OF SUPERVISORS

Board Agenda Memo

MEETING DATE: May 12, 2020

TO: Board of Supervisors

FROM: **Steve Monaghan – IGS – Facilities Management**

SUBJECT: Resolution authorizing the Director of Information and General Services to execute and submit an application to the California Public Utilities Commission for the Self-Generation Incentive Program (SGIP)

RECOMMENDATION: Adopt the Resolution

FUNDING: EDF Renewables has calculated a project estimate at \$1.9 Million which should receive full funding thorough the Self Generation Incentive Program (SGIP).

BACKGROUND: The California Public Utilities Commission (CPUC) has created the Self-Generation Incentive Program (SGIP) to offer rebates for installing energy storage technology. In preparation for future wildfire seasons, the CPUC has allocated more than \$1 billion through 2024 towards SGIP. Funding includes prioritization of communities living in high fire-threat areas, communities that have experienced two or more utility Public Safety Power Shut-off (PSPS) events, as well as low income and medically vulnerable customers.

To apply to this program, the County has partnered with EDF Renewables to complete the CPUC SGIP application and provide future design and construction should the application be approved by the CPUC.

The proposed battery storage system will even out demand spikes and will allow the building to use the power from the solar panels and the batteries in case of a power outage. The design will be in conjunction with a generator through a process known as “islanding.” In this process the system disconnects from the grid through a similar technology as automatic transfer switches on generators. This would result in cutting down on the amount of time a standby generator is running, because on a sunny day the solar panels would have the potential capability to run the building. The life expectancy for the batteries is 15 years.

If the application is successful, the Information and General Services Department will bring before the Board a design and construction contract with EDF Renewables in relation to the CPUC SGIP Program.

Item Initiated by: David Jones
Approved by: Steve Monaghan