

WATER FILTRATION FACILITY SOLAR PANEL INSTALLATION PROJECT

PACIFIC POWER BLUE SKY COMMUNITY PROJECT

FREQUENTLY ASKED QUESTIONS

What is the Water Filtration Facility (WFF) Solar Panel Installation Project?

The WFF Solar Panel Installation Project is grant-funded project to install 360 solar panels at the City of Bend's WFF, located west of Bend on Skyliners Road. The project is funded through a grant made possible by Pacific Power Blue Sky participants. The solar installation will help the City reduce its carbon emissions by nearly 180,000 pounds per year over 20 years, and is one strategy to help the City reduce fossil fuel use at its facilities, as recommended in the City's Climate Action Goals, which were established by [Council Resolution 3044](#)¹.

How much power will the panels produce?

The solar modules are expected to generate an estimated 129.6 kilowatt hours (kWh) daily, with peak months topping energy output at 24,000 kWh. Annual energy production of the modules is anticipated at 195 megawatt hours. The renewable energy source will also reduce energy costs freeing up funds to devote to expansion and upgrades of our water system meeting the needs of our growing community

What is Pacific Power's Blue Sky Program?

Blue Sky is an opt-in program that gives Pacific Power customers an option to match all or part of their energy use with renewable energy – reducing their carbon footprints and driving demand for new renewable energy in the West. Through the Blue Sky Block option, participants also support qualifying, renewable energy projects for community-serving organizations such as schools, community centers and arts organizations.

The City of Bend joins more than 120 organizations across Pacific Power's service area that, since 2006, have received awards for community-based renewable projects, including solar, wind, geothermal and other forms of renewable energy. This project is one of a dozen selected this year through a competitive-evaluation process.

Customers can enroll in the Blue Sky program for as little as \$1.95 per month.²



How much money will the City save in energy costs?

The renewable energy source will also reduce energy costs over \$12,000 per year, freeing up funds for expansion and upgrades of our water system as we meet the needs of our growing community.

What is the total amount of the City's grant from Pacific Power's Blue Sky grant?

The grant is awarded up to \$60,341.³

When will the project begin and end?

The project is slated to begin construction spring/summer 2019 and be completed by December 31, 2019.

How will the project help the City meet its Climate Action Plan from Resolution 3044?

Solar energy is "green" partly because of its ability to generate power while giving off zero emissions. The power supplied by a solar panel system reduces the amount the facility relies on conventional utilities, which burn polluting fossil fuels to generate electricity.

How are projects selected for Blue Sky funding support?

The projects selected funding from Pacific Power's Blue Sky program participants provide strong environmental, economic and educational benefits to the communities Pacific Power serves. Applications are accepted during a defined application period and evaluated through a competitive process.²



Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic formats, etc. please contact Julie Price at jprice@bendoregon.gov, 541-317-3010; Relay Users Dial 7-1-1, and fax 541-317-3046.



1. City of Bend Resolution 3044. <https://www.bendoregon.gov/home/showdocument?id=34757>
2. <https://www.pacificpower.net/bluesky>
3. "2018 Blue Sky Funding Award Grant Agreement," 2018

