



CITY OF BEND

MEMO

To: Energy Supply CCAP Update Workshop Attendees

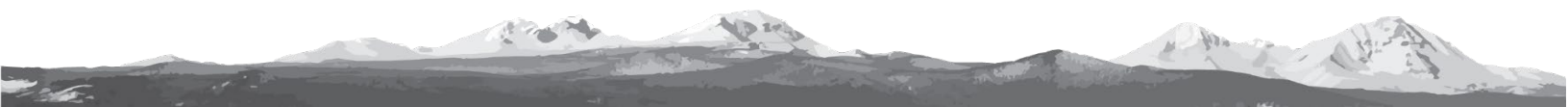
From: Cassie Lacy, Senior Management Analyst

Date: 7/19/2024

**Re: Energy Supply Funding Opportunities, Existing CCAP Actions,
and Additional Data**

Energy Supply Funding Opportunities

- **Pacific Power Blue Sky Grant:** Blue Sky funding awards help cover the capital costs to install qualifying, new renewable energy systems for non-residential sites in Pacific Power's service area. Eligible renewable energy technologies include wind, solar PV, geothermal, low-impact hydro, pipeline or irrigation canal hydropower, wave energy or tidal action, and low-emissions biomass.
- **Oregon Community Renewable Energy Grant Program:** The Community Renewable Energy Grant program is an Oregon Department of Energy Grant that provides funds for planning and development community renewable energy and resilience projects. The grant program offers funds for planning projects up to \$100,000 and for construction projects up to \$1,000,000. The City of Bend received a \$100,000 planning grant and also applied for a \$1,000,000 construction grant for designing and installing battery storage at the Juniper Ridge Public Works Campus.
- **Energy Trust of Oregon Project Development Funds:** Energy Trust of Oregon makes project development assistance (PDA) incentives funds available to help assist with early phase project development activities for qualifying new renewable energy and energy resilience projects that will benefit Pacific Power and Portland General Electric ratepayers in the State of Oregon. Eligible project types include renewable electricity generation, energy resilience and microgrid development, and portfolio solar assessments. For renewable electricity generation projects, the PDA funds can fund 50% of the project cost up to \$200,000
- **Energy Trust of Oregon Incentives:** The Energy Trust of Oregon offers cash incentives to households and businesses throughout the state for qualifying energy efficiency and



renewable energy upgrades. The City can access some of these funds for its own facilities projects and can also play a role in directing these funds to households in Bend.

- **Building Resilience Infrastructure and Communities (BRIC)** – Building Resilience Infrastructure and Communities grant program supports states, local governments, tribes and territories as they work to reduce their hazard risk. These funds can be used for renewable energy development when it is paired with a function that promotes resiliency. The City of Bend applied for this grant in the most recent grant cycle to fund the in-conduit hydropower at the Outback Water Facility (among other project elements related to the water treatment plant), so that the hydropower could continue to operate the City’s water distribution system in the absence of grid-supplied power.

Energy Supply CCAP Strategies

ES1: ES1: Provide 100% renewable electricity supply to the community

- ES1A: Provide a 100% renewable electricity supply to the community by working with electric utilities, state agencies, and other partners to support the transition to renewables on the electric grid.

ES2: Work with gas utility to establish a natural gas offset program for community gas use

- ES2A: Encourage gas utility to develop a program that allows residential and commercial customers to offset their natural gas use.

ES3: Encourage solar and other renewable energy generation on residential and commercial buildings

- ES3A – Increase community education about renewable energy and available incentives.
- ES3B – Promote available renewable energy incentives for residential and commercial construction with information targeted towards builders and developers
- ES3C - Create new incentives that increase the installation of renewable energy systems on residential and commercial buildings.
- ES3D – Create revolving loan funds to finance renewable energy projects. These funds will be more accessible than current loan options to low- and moderate- income residents.
- ES3E – Support the development of community solar projects locally that residents can subscribe to for access to offsite energy
- ES3F – Pilot microgrid and battery storage projects powered by renewable energy that can operate independently of the energy grid
- ES3G – Support and expand local workforce development programs in renewable energy trades

ES4 – Pursue renewable energy generation at the wastewater treatment facility and the water reclamation facility

- ES4A – Investigate and pursue opportunities for renewable energy generation at the water reclamation facility and water filtration facility such as biogas and hydropower.

ES5 – Lead by example by installing solar on all City facilities

- ES5A – Install solar panels on public buildings to demonstrate public sector leadership

Additional Energy Supply Data

Figure 1. Total citywide electricity consumption

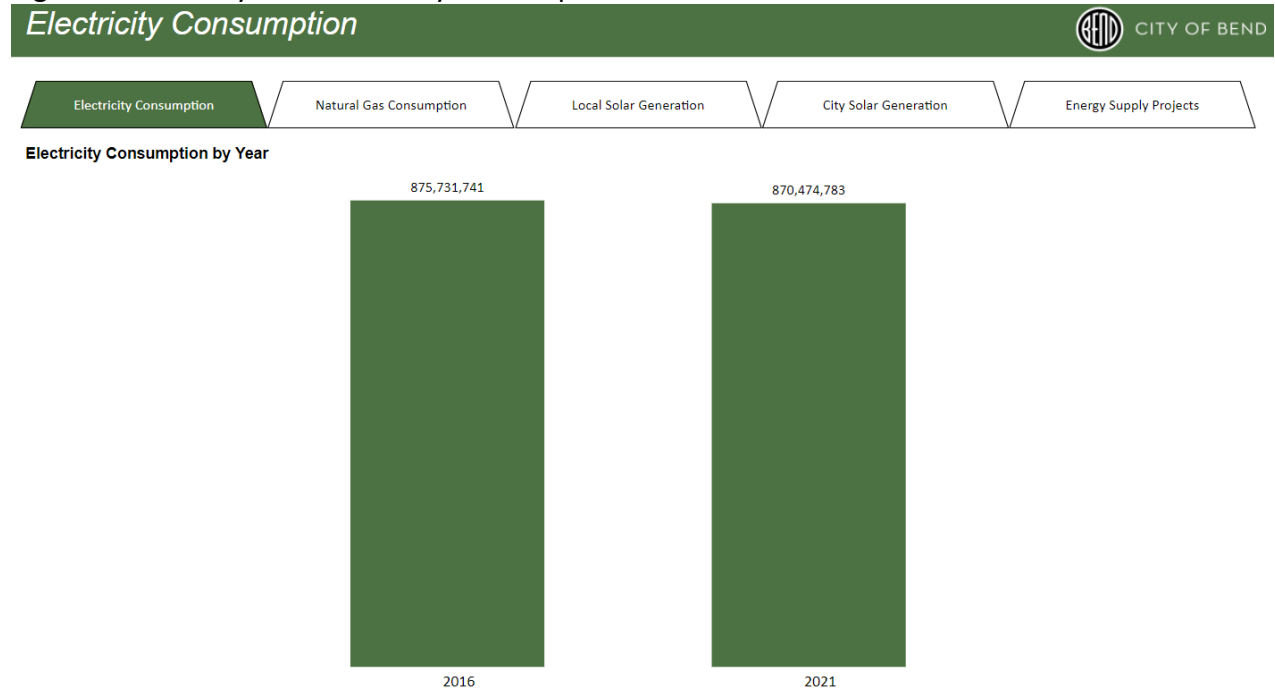


Figure 2. Total citywide natural gas consumption

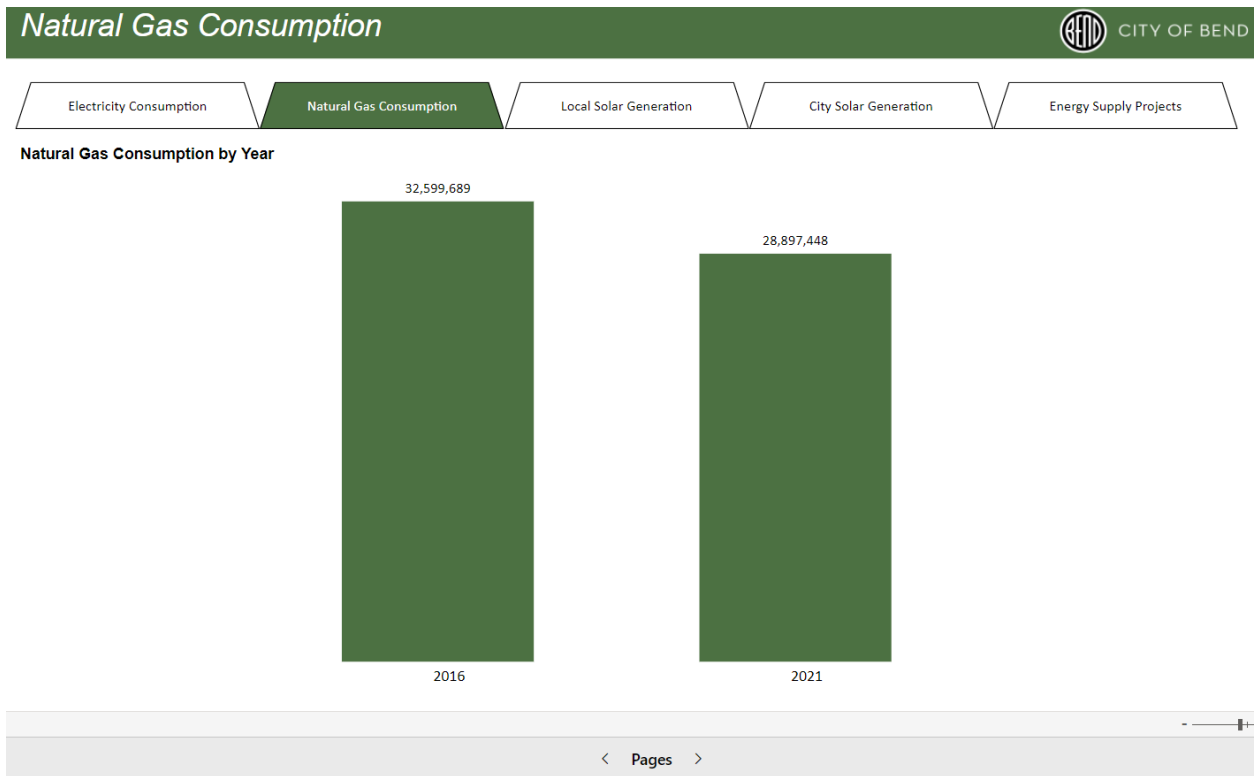


Figure 3. Total solar generation on rooftops communitywide

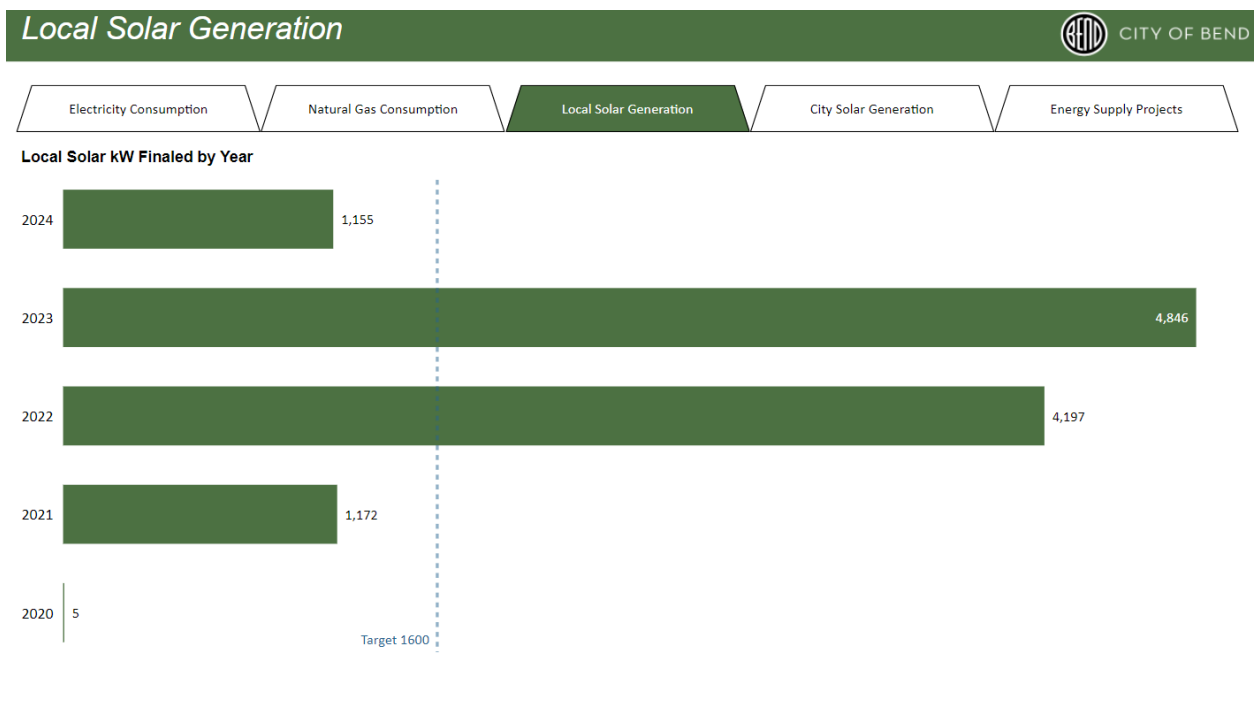


Figure 4. Total solar generation on City facilities

