



MEMORANDUM

TO: Planning Commission

FROM: Matt Holmes, City Engineer

SUBJECT: Public Hearing – Construction Standards Update – Solar (Power Department)

DATE: March 31, 2025

PLANNING COMMISSION AGENDA:

April 10, 2025

OVERVIEW:

The Power and Light Department has created an update to Section 7 of the Construction Standards – Hyrum City General Requirements and Specifications for Electrical Installations. This update will add information regarding the requirements for interconnection of solar production and the City's system.

ATTACHMENTS:

1. Draft Resolution
2. Draft Specifications

ORDINANCE 25-xx

WHEREAS, on January 6, 1994 , the Hyrum City Council passed and posted an ordinance adopting the "Hyrum City Municipal Code", a recodification of municipal ordinances encompassing the "Revised Ordinances of Hyrum City" and ordinances adopted through July 15, 1993; and

WHEREAS , Title 13 of the Hyrum City Municipal Code sets forth regulations governing municipal utility services, including electrical power; and

WHEREAS, Chapter 13. 16 is the Electrical Power System that gives the provisions for electrical code, systems , equipment, standards, and fees; and

WHEREAS , the Hyrum City Electrical Department had received numerous calls from citizens looking at alternate power sources, including generation of solar power from private residences; and

WHEREAS , the City has interest and sees a need for green power which solar power provides and it also promotes clean power; and

WHEREAS, the City Council has determined there is a need to amend Section 13. 16. 600 Feed-In Tariff Policy to allow Hyrum City's customers to enter into an agreements with solar developers for the installation of a solar system where the energy output will go directly to Hyrum City' s utility grid and the owner will receive a financial credit towards his/her electric bill.

NOW, THEREFORE, the Hyrum City Council hereby adopts, passes, and publishes the following:

AN ORDINANCE AMENDING SECTION 13.16. 600 FEED-IN TARIFF TO TITLE 16 OF THE HYRUM CITY MUNICIPAL CODE TO AMEND THE REQUIREMENTS AND CONDITIONS THAT ALLOW AN ELECTRIC UTILITY CUSTOMER TO INSTALL, MAINTAIN, AND GENERATE SOLAR POWER AND FOR HYRUM CITY TO PURCHASE THE SOLAR POWER.

BE IT ORDAINED by the City Council of Hyrum City, Cache County, State of Utah, as follows:

1. Section 13.16.600 of Title 13 of the Hyrum City Municipal Code is hereby added as follows:

13.16. 600 Feed-In Tariff.

The basis of the Hyrum City Solar Power Purchase Program ("S3P") is a fixed-price, 5-year Power Purchase Agreement (PPA) between Hyrum City Utility ("Utility") and Utility' s retail customers for solar energy generation. The customer may enter into agreements with solar developers for the installation of the system, which also may include financing, lease-purchase and rooftop property leasing .

~~The energy output of the solar system goes directly to Utility electric grid ("in front of the meter") and system owners are paid based on their PPA. The agreement does not alter the customer's electric bill. The PPAs also convey the Renewable Energy Credits (RECs) the right to claim the renewable energy attributes of a project to Utility to be used toward compliance with the Utah Renewable Energy Standard.~~

Energy output of the solar system goes directly to customer loads. If output is greater than customer loads, excess power is metered separately and fed into Utility.

A. Eligibility and Program Structure Any premise served by Utility is eligible for this on-site solar program. Projects will be accepted in two classes:

1. Class-1 Residential installed capacity up to 10 kW Direct Current (D.C.)

2. Class-2 Commercial installed capacity up to 50 kW Direct Current (D.C)

B. Program Stipulations Projects will be located on the premise of Utility' s customers.

~~1. Grid interconnection "in front of the customer meter" (achieved by actual point of interconnection or billing adjustment)~~

Interconnection of Solar Generation shall be on the customer's side of the utility meter

C. Payments are made for metered production using
"received" reading from Bi-Directional utility meter:

1. Two-tier, 5-year, fixed-price standard offer:
 - (A.) Class-I Residential, rate set by Resolution;
 - (B.) Class-2 Commercial, rate set by Resolution;
2. Class-I Residential projects must be operational in 6 months from time of acceptance of the PPA, Class-2 Commercial projects must be operational in 12 months.
3. Utility retains RECs
- D. Applications will be accepted on a first-come, first-served basis up to the capacity limit of the circuit or the distribution system as determined by the Utility. The Utility may offer customers the ability to pay for the cost to increase the circuit or distribution capacity limit.
- E. Insurance requirements are delineated in the Utility's Interconnection Standards.
- F. A complete submittal will include:
 1. Completed Application form and checklist
 2. Site/ Facility layout diagram
 3. Facility one-line diagram
 4. Scanned copy of all pages requiring signatures
- G. An applicant must complete the following steps in order to remain qualified for the S3P before receiving any payment for energy produced:
 1. Submit a complete application with all required documents and payment for all applicable fees and deposits;
 2. Be accepted by Utility for assigned capacity and submit program application fee of (for a production meter and an engineer review plan) plus

additional money per kW installed capacity (these rates and fees are set by resolution) ;

3. Receive engineering approval of the project plan;
4. Sign and execute the PPA;
5. Meet payment obligations for any Utility's electrical distribution system upgrades that may be required to accommodate the PV system, if any;
6. Satisfy all applicable permitting, building code, planning and land use requirements;
7. Pass Utility' s system inspection and be interconnected to the distribution system;
8. Complete the project by the required completion date based on the time of signing of the PPA;
9. Provide documentation of final system cost and capacity to Utility
10. Please see separate attachments at www.hyrumcity.org under the heading "Solar Power Purchase Program" :
 - (A.) Application (Project Data, Site Control, and Project Team forms)
 - (B.) Draft Standard Offer Power Purchase Agreement
 - (C.) ~~Draft Interconnection Agreement~~
[Hyrum City Power Dept. Solar Standards](#)
 - (D.) Program Sequence Summary
 - (E.) Note: Sample agreements are subject to change. Please check the website for updates from time-to-time.

2 . RE PEALER. All ordinances, resolutions, and zoning maps of the city, or parts thereof inconsistent herewith, are hereby repealed, but only to the extent of such inconsistency. This repealer shall not be construed as reviving any law, order, resolution or ordinance or part thereof.

3 . DECLARATION OF SEVERABILITY . Should any provision, clause, or paragraph of this ordinance or the application

thereof to any person or circumstance be declared by a court of competent jurisdiction to be invalid, in whole or in part, such invalidity shall not affect the other provisions or applications of this ordinance or the Hyrum City Municipal Code to which these amendments apply. The valid part of any provision, clause, or paragraph of this ordinance shall be given independence from the invalid provisions or applications and to this end the parts, sections, and subsections of this ordinance, together with the regulations contained therein, are hereby declared to be severable.

4 . EFFECTIVE DATE. This ordinance shall become effective upon posting three (3) copies in three (3) public places within Hyrum City.

5 . ADOPTION . This ordinance is hereby adopted and passed by the Hyrum City Council this xxth day of xxx, 2025.

HYRUM CITY

□ **Building Permit**

Obtain building permit and complete plan submittal checklist with Hyrum City, 60 West Main Street, Hyrum, UT 84319, (435) 245-6033

□ **Information for Installers**

Installers MUST be North American Board Certified Energy Practitioners (NABCEP) Certified. Installers must also provide proof of a Utah business license. Applications without these credentials will not be approved.

□ **Solar Information Checklist**

Complete the Hyrum City Solar Information Checklist with supporting documents, and email to: Braxton.wood@hyrumcity.gov

Once the Solar Information Checklist has been completed and approved by Hyrum City Power, a **Plan Approval Letter** will be sent back to the customer/contractor via email.

□ **Solar Production Interconnection Fees**

- Per current applicable fee schedule

□ **Installation of Solar System**

Hyrum city is not responsible or liable for the functionality of the customer's system downstream of the utility point of connection (typically the overhead mast or underground conductor utility-side connection to the meter).

Please note the following Hyrum City requirements:

- Residential solar installations may be no larger than 10Kw D/C.
- All metering and installation fees to be paid for by customer/contractor. Hyrum will not cover any costs associated with the installation or construction of the solar power system.
- **Point of Interconnection** must be labeled with a permanent, engraved label; mechanically fastened with rivets, screws, or bolts (no double-sided tape) which states "Solar Generation On Site" or equivalent.
- **Point of interconnection must be made at the main service panel, on the customer side of the meter, and be connected using an appropriately rated, bidirectional circuit breaker. Note: Electrical services with outdated main service panels/meterbases may be required to be updated before a solar installation.**
- A separate safety disconnect must be installed between the solar system inverter and the **Point of Interconnection**. Disconnect switch must be located adjacent to City's service meter location. City will approve the location of each installation of the disconnect. This switch must be manually operated, lockable, and designed such that

the actual contacts of the switch are visible to determine whether they are open or closed. Meter base circuit breakers do not satisfy this requirement, nor does a solar system's integrated inverter disconnect. The safety disconnect must be labeled as per requirements above, stating "Solar Power Disconnect" or equivalent.

- Customer/Contractor is not permitted to connect panels to Hyrum's system until the utility meter has been reprogrammed to be bi-directional. If the system is connected before the new meter is installed, all excess kWh produced by the system will be seen by the existing meter as kWh consumed, not generated, resulting in an extra cost to the customer instead of a credit. These costs will not be credited back to the customer.

□ **Special Case--Solar System with Battery Storage**

Please note the following Hyrum City disclaimers and limits of liability for systems with battery storage:

- Some solar systems with battery storage are designed with some or all of customer's loads connected directly to the inverter. If the inverter fails or is out of service the customer will be all or partly out of power. Hyrum City is not responsible for restoring power in this situation. The customer will be responsible to repair the system to restore power.
- A disconnect switch **at the point of interconnection** is still required.
- **Maximum energy exported must not exceed 10 Kw**
- Charging the batteries from the grid (the Hyrum City power system) will be metered as additional load at a potentially increased cost to the customer (at the usual rate).

□ **Inspection**

Once installation of the solar system is complete, and the home has been inspected and passed by the Cache County Building department, the customer/contractor shall provide the inspection report to Hyrum City (**Braxton.wood@hyrumcity.gov**) to proceed to a permit to operate.

□ **Permit to Operate the Interconnection**

Once the Hyrum City Power Department has the Cache County inspection report, they will perform a final inspection. Upon passing final inspection, Hyrum City will issue a permit to operate, and reprogram the utility meter to bi-directional. **At that time, the solar system may be activated.**