



Washington City Power Board
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Washington City, UT 84780
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WashingtonCity.org

Notice of Electronic Meeting
Power Board Meeting Agenda
August 3, 2021

PUBLIC NOTICE is hereby given that the Washington City Power Board will hold an Electronic Meeting on Tuesday, August 3, 2021 at 5:00 P.M. hosted at the Washington City Office located at 111 North 100 East, Washington, Utah The meeting will be broadcast via Youtube Live linked online at <https://washingtoncity.org/meetings>

1. APPROVAL OF AGENDA

2. APPROVAL OF MINUTES

- a. Approval of the minutes from 07/06/2021.

3. NEW BUSINESS

- a. Renewable Resource Guide - Review and Feedback from Power Board Members

4. REGULAR BUSINESS

- a. Operations Report & Generation Update - Power Director Rick Hansen

5. UAMPS REPORT

6. ADJOURNMENT

POSTED on this 30th day of July 2021
Nikki Wells
Administrative Assistant

In accordance with the Americans with Disabilities Act, Washington City will make reasonable accommodations to participate in the meeting. Requests for assistance can be made by calling

the City Recorder at 656-6308 at least 24 hours in advance of the meeting to be held.



Renewable Resource Guide

For Washington City Power Customers

DRAFT

Renewable Resource Guide

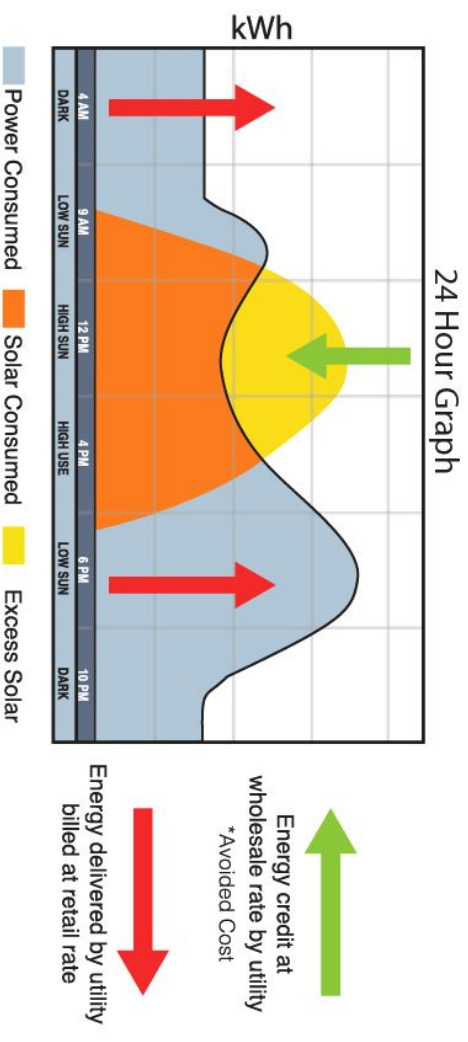
- How Solar Works
- Generating Electricity
- Know Your Situation
- Do Your Homework
- Understand the Agreement
- What Questions to Ask



How Solar Works

On sunny days, your solar system produces energy. Some of that energy is used immediately by your home or business. When you use electricity while your solar system is not producing, like at night, you'll draw electricity from the utility company.

Of Course, how solar works for you may be different in some ways than how it works for your solar neighbors. It all has to do with how much electricity your system generates and how much you use on a daily, monthly and annual basis. Sometimes customers produce more power than they use and send the surplus energy back into the grid. Other times, homes and businesses use more power than their solar panels can generate. So depending on how much energy your system generates and your consumption, you may end up with either a charge for your consumption or earn a credit towards your monthly charges for the surplus.



Generating Electricity

The amount of electricity (measured in kilowatt-hours or kWh) produced by any solar system depends on two factors:

- The power rating of the system (the max amount of kilowatts it can produce)
- The amount of sunlight that the system receives. Calculating the amount of sunlight a solar system receives depends on several factors:
 - Location of your home
 - Where the panels are installed (orientation)
 - Shading from nearby objects such as chimneys, trees or neighboring buildings.

For help in calculating an estimated system output visit:

<https://pwatts.nrel.gov/>





Know Your Situation

➤ **Know Your Electricity Usage**

You need to know and understand how much electricity your home or business consumes. Your monthly electricity bill will show you your usage in kilowatt-hours (kWh) and what you are charged per kWh. Keep in mind that your usage is not consistent throughout the year and you will need to compare several months or even years worth of usage to get an accurate average use for your home.

➤ **Will you be adding any significant energy demands**

Do you plan to add a pool to your property or are you adding an addition on your home? These will make a difference in how many kWh you use.

➤ **Know Your Roof**

Is your roof in good condition or do you need to replace it before solar panels are installed? Does it face the right direction to receive enough sunlight?

➤ **Know Your Finances**

How long do you plan to stay living in your home, should you buy or lease the system, what is the cost to maintain it?

Do Your Homework



Get the best deal

Just like any major purchase, make sure you get multiple bids for your solar system. Compare costs and terms from several different companies.



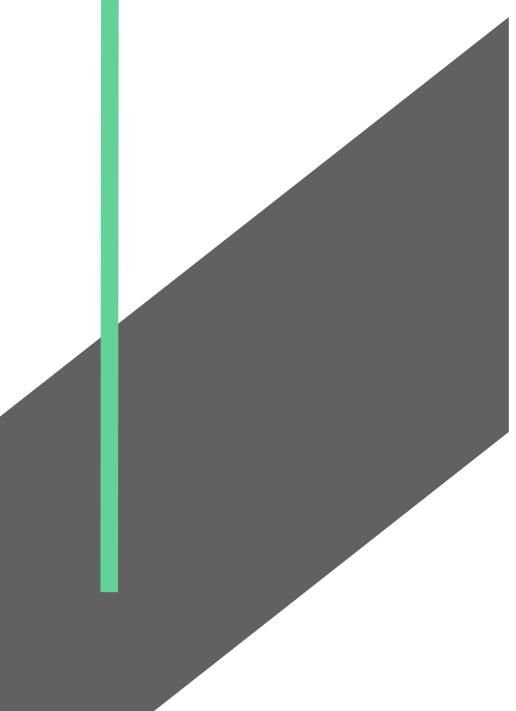
Research Your Solar Company

Ask for references in your area, confirm they are properly licensed and know what the City requires when installing solar.



Research any tax credits or incentives

Make sure what you are being told by the solar company is correct for your situation.

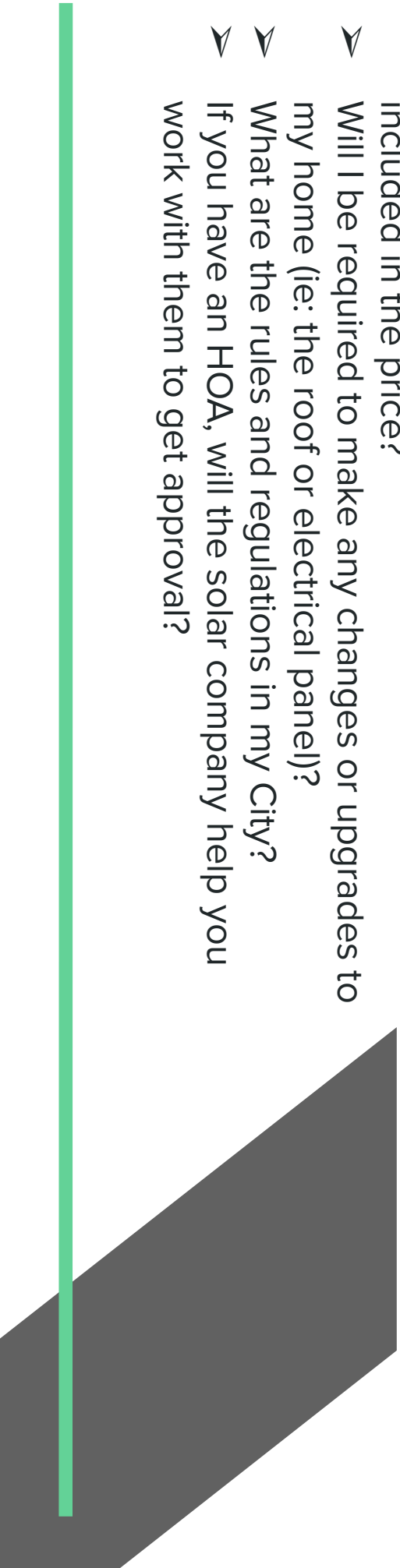


Understand The Agreement

- What are the terms of the contract? Know what you are receiving and how much you are paying.
- What are you being promised? If the solar company promises you'll save money or makes claims that your utility costs will increase in the future, make them explain and show where their information comes from.
- What is the warranty? Does it cover parts and labor? How long does the warranty last? What if the solar company is no longer around, who backs the warranty?



Key Questions

- What is the total cost of the system?
 - What is the system size? (Max kW)
 - How much electricity will the system generate?
 - Is the installation company licensed and insured?
 - Are the cost of the permits needed from the City included in the price?
 - Will I be required to make any changes or upgrades to my home (ie: the roof or electrical panel)?
 - What are the rules and regulations in my City?
 - If you have an HOA, will the solar company help you work with them to get approval?
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Washington City Renewable Resource

Energy Rates and Payments

- For all kWh delivered by the City to the Customer, the Customer shall pay the applicable retail rate, as if the Customer had not installed a Renewable Resource.
- For all kWh received from the Customer to the City, the City shall credit the Customer's current electric bill during the current billing period at the wholesale rate of 4¢ per kilowatt-hour.
- If the credit amount (\$) exceeds the electrical charges due, a credit will be applied on the next month's billing.
- If a home with a Renewable Resource is sold, any remaining credit amounts will be applied to the outstanding electrical billing for kWh consumption and base fee.





Washington City Renewable Resource Application Process

- The Solar Company must apply for a building permit through the Washington City Building Department
- A Renewable Resource application must be completed and an original signature by the property owner is required
- A letter of approval from the HOA is required if applicable
- A site plan must be included showing the location of the solar equipment
- Permit plans and solar specifications must be submitted
- For detailed requirements visit:

<https://washingtoncity.org/development/building/solarpermitrequirements>

Additional Resources

National Renewable Energy Laboratory

www.nrel.gov

U.S. Department of Energy

www.energy.gov

Database of State Incentives for Renewable Energy

www.dsireusa.org



Washington City
Feels Like Home

Washington City Power Department

(435) 656-6329

<https://washingtoncity.org/services/power>