

SUMMER 2022 STEHEKIN GENERATION & ENERGY RESOURCES



IT'S TIME TO MAKE SOME DECISIONS

Hello again, Stehekin residents. As we've discussed over the past couple of years, soon the electricity needs of Stehekin community will outgrow the small hydro plant that generates power for the valley. **We now expect this to happen somewhere between 2024 and 2026 depending on rate of load growth.** We've been working with the Stehekin community to better understand and solve this problem.

WE HEARD YOUR FEEDBACK!

After our staff completed a Draft Generation and Energy Resource Plan for Stehekin in 2020, we sought your feedback on the plan through an online open house. The plan included proposed solutions to meet the energy needs in Stehekin now and into the future. We received 19 public comments, representing 22 residential meters and at least five commercial meters. Here's a summary:

- Most customers supported a tiered rate system in Stehekin, where those who use more energy or use energy during peak demand times would pay higher rates.
- Customers were generally not interested in increasing generation at the hydro to facilitate more growth.
- Customers are interested in fuel switching, which would mean electrical appliances would be replaced by propane-powered appliances if possible.
- For a full summary, visit: chelanpud.org/stehekin

NEW OPTIONS

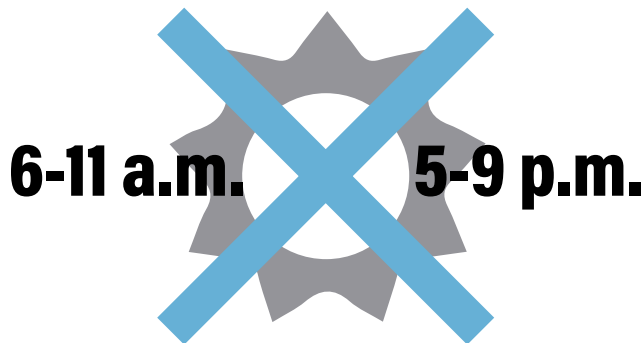
We now have additional solutions to share with you, along with cost projections. The solutions include:

- A propane generator to support the hydro, which produces fewer emissions than diesel - \$550k
- Replace an existing large diesel generator with a unit that can be used to meet load growth while meeting current permitting requirements - \$500k
- Remote electric water heater controls as allowed in our rate agreements, similar to Holden - \$200k

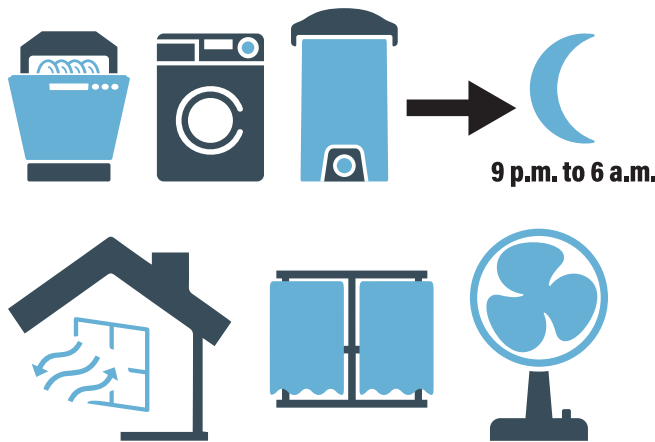
Staff will be available to answer questions 10 a.m.-3 p.m. Aug. 30 at the Bakery Gazebo.

HOW YOU CAN HELP WHILE WE EXPLORE THESE NEW OPTIONS

SUMMER PEAK:
Shift your energy usage now



We see peak demand in the Stehekin Valley during summer. You can help by shifting high-energy activities to non-peak hours.



- Avoid peak hours 6-11 a.m., and 5-9 p.m.
- Shift high-energy appliance use to nighttime.
- Reduce energy use in the mornings.
- Open windows at night to let in cool air, close curtains or blinds when the sun comes up, and use fans when possible instead of AC.

Other ways to help:

- Replace incandescent bulbs with LED bulbs.
- Visit chelanpud.org/save or call PUD Energy Efficiency Adviser Josh Mitchell at (509) 661-4380 for recommendations on energy savings and rebates.
- Share energy conservation tips with guests or renters on your property.
- Contact the PUD early if you are considering adding electrical services in Stehekin.

For more information, please visit chelanpud.org/stehekin

LET'S TALK

Questions? Stop by the Bakery Gazebo in Stehekin 10 a.m.-3 p.m. on Aug. 30. Staff will be on hand to answer questions and collect feedback.

STAY CONNECTED!

Please send questions, comments or suggestions to customeroutreach@chelanpud.org

UPDATE ON BATTERY STORAGE

- We heard from you that you supported installation of battery energy storage systems for the Stehekin hydro plant, which would run in parallel with the plant's existing hydro and diesel generators.
- While batteries were a promising option, estimates now show costs are about \$1 million, which is 3 to 4 times more than anticipated.



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