



**SOUTHWEST LINCOLN COUNTY WATER PEOPLE'S UTILITY DISTRICT
(SWLCWPUD)**

7740 HIGHWAY 101 NORTH, YACHATS, OR
PO Box 368 Waldport, OR
www.swlcwpud.org
541-547-3315



**BOARD OF DIRECTORS SPECIAL MEETING AGENDA
20 December 2023 – 9:00 AM**

The special meeting will be held at the District Office, 7740 Hwy. 101 North, Yachats, OR

- 1. SPECIAL MEETING CALL TO ORDER**
 - a. Introductions
- 2. PRESENTATION BY TYLER COX OF GREEN RIDGE SOLAR**
- 3. QUESTIONS FROM DIRECTORS**
- 4. ADJOURNMENT**

All regular and special meetings are open to the public.
If you need any assistance or would like to attend a Board meeting remotely,
please contact the SWLCWPUD Office at 541-547-3315 or email office@swlcwpud.org

SOUTHWEST LINCOLN COUNTY WATER PUD (SWLCWPUD)
 7740 HIGHWAY 101 NORTH, YACHATS, OR - PO BOX 368, WALDPORT, OR 97394-0368
www.swlcwpud.org
 541-547-3315

SPECIAL BOARD OF DIRECTORS MEETING
20 December 2023 – 9:00 AM

1. SPECIAL MEETING CALL TO ORDER	President Cuellar called the meeting to order at 9:00 AM.
a. Determine Quorum Present	President Cuellar deemed that a quorum was present: President Cuellar, Vice President Anthony, Director Tucker, Director Turner and Director Sherkow. Staff supervisors, Ms. Angela Vogl and Mr. Zachary Forcier, were also present.
b. Note Guests Present	Tyler Cox, Green Ridge Solar
2. DISCUSSION OF RENEWABLE ENERGY ANALYSIS and PRESENTATION	
a. Current Status	<p>Director Sherkow briefed the Board about the ODOE Renewable Energy Planning Grant and the current findings. The grant agreement has a life span of 6 months, and was signed and dated by ODOE on 8/15/2023. Staff and Director Sherkow interacted with several micro-hydro equipment providers and found that the PUD head (water pressure) and flow levels were too low for an effective energy installation. Therefore, this technology had been set aside. The findings will be documented in the final report required by ODOE.</p> <p>On the other hand, solar energy was found to be feasible and practical. Contact was made with Green Ridge Solar (Tualatin, OR), preliminary analysis completed, field visit conducted, and further analysis done. The focus of the solar activity was the Blodgett Water Treatment Plant and Maintenance Facility. These two facilities represent the highest electrical use locations in the PUD system.</p>
b. Presentation by Tyler Cox, Green Ridge Solar	<p>Tyler Cox (Green Ridge Solar) introduced himself as someone with a project management background. He discussed the Water Treatment Plant and Maintenance Facility location as part of his analysis. He provided the Board and staff with presentation material. Staff provided Board members with information from USDOE concerning "Federal Solar Tax Credits for Businesses".</p> <p>Mr. Cox discussed three options: a. water treatment plant only, b. maintenance facility only, and c. both the water treatment plant and maintenance facility. Site schematics and information about potential electrical power generation were presented. The option that included both the water treatment plant and maintenance facility would include solar panels on the roofs of the two buildings and a rack on the ground north of the drainage basin (between the two buildings). This solar energy option would generate 75.60 kW, 189 panels, inverters, and applicable manufacturers' warranties.</p> <p>The total cost was estimated at \$227,593 including equipment and labor. If Federal Tax Credits and possible ODOE grant (50% of the total cost) are included, the cost to the PUD would be approximately \$41,520. This would result in a project breakeven period of 6.34 years.</p> <p>Mr. Cox and Director Sherkow presented additional details about Net-Metering and other items.</p>

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c. Discussion and Questions from Board and Staff	<p>Director Tucker asked some questions about the location of equipment manufacturing that would be used. Mr. Cox said that they are currently using equipment from Canada, South Korea, and Taiwan.</p> <p>Another question was asked about the quality of the electricity generated by a solar system and compatibility with the power from Central Lincoln PUD. Mr. Cox responded that the inverter exactly matches the grid power.</p> <p>Director Tucker also asked about the life of the roof on the Maintenance Facility and if that would have to be replaced. After some discussion, Zach offered to check on the construction date.</p> <p>After some additional general discussion, the meeting was brought to a close. <i>[Possible decisions were to be considered during the Regular Board Meeting at 10:15 AM on Dec. 20, 2023.]</i></p>
3. ADJOURNMENT	President Cuellar adjourned the meeting at 9:57 AM

Roxie Cuellar, Board President
Roxie Cuellar, Director Subdivision 1

Date 3/20/24

Franklin Sherkow, Board Secretary
Franklin Sherkow, Director Subdivision 4

Date 3/20/24