Due to technical difficulties the Meeting of February 23, 2021 was canceled and rescheduled

Agenda for the
Special Meeting of February 26, 2021
8:00 a.m. via Zoom Teleconference

1. Call to Order | Pledge of Allegiance
2. Approval of Agenda
3. Consent Agenda
   a) Approval of the Meeting Minutes of the Special Meeting of February 2, 2021
   b) Approval of the Meeting Minutes of the Regular Meeting of February 9, 2021
   c) Approval of Claims for February 23, 2021
4. Old Business
   a) Staff Update on Energy Resource Activities
   b) Update on Governor’s Proclamation for Open Public Meetings Act – Counties in Phase 2
5. New Business
   a) Approval of Resolution No. 787 – Amend Non-Bargaining Unit Employee’s Compensation Policy to Include New Job Descriptions and Salary Ranges: Broadband Services Analyst and Electric Utility Analyst
6. General Manager Report
   a) Governor’s budget amendment regarding adjudication / settlement in Nooksack Basin
7. Get to Know You
8. Commissioner Reports
9. Public Comment
10. Executive Session: Potential Litigation RCW 42.30.110(1)
   (Separate Executive Session Zoom Platform invite from Legal Counsel)
11. Adjourn

Until further notice: Whatcom PUD’s Offices are closed to public access. Due to the Updated Open Public Meetings Act General Guidance Regarding the COVID-19 Event, the PUD meeting room is not open to the public. All Commissioners will participate via teleconference.
The public meeting can be accessed by internet: https://us02web.zoom.us/j/83000484731
Or by telephone: Dial 1 (253) 215 8782 or 1 (346) 248 7799
Webinar ID: 83000484731

Next Commission Meetings
March 9 and 23, 2021 | 8:00 a.m.] Regular Meetings
Access information will be announced - the public may join the meeting by teleconference.
Contact: Ann Grimm, Commission Clerk at (360) 384-4288 x 27 • www.pudwhatcom.org
1. **Call to Order | Pledge of Allegiance**

   The special meeting of the Board of Commissioners of Public Utility District No. 1 of Whatcom County was called to order at 8:04 a.m. by Commissioner Atul Deshmane. Said meeting was open to the public and notice thereof had been given as required by law. Those present via Zoom teleconference included Commissioner Mike Murphy, Commissioner Christine Grant, Commissioner Atul Deshmane, and Legal Counsel Jon Sitkin. Staff attending via teleconference: Steve Jilk, General Manager, Ann Grimm, Executive Assistant; Rebecca Schlotterback, Manager of Contracts and Regulatory Compliance; Annette Smith, Director of Finance; Brian Walters, Assistant General Manager; Duane Holden, Director of Utility Operations; Paul Siegmund, Manager of Automation and Technology; Aaron Peterson, IT/SCADA Technician; Mike Macomber, IT/SCADA Technician; Devin Crabtree, Chief Water Operator; and Jon Littlefield, Electric System Supervisor.

   **Public attending via teleconference:**
   - Carryn Vande Griend, PSE
   - David Hostetler, Citizen
   - Ellyn Murphy, Citizen
   - Jill McIntyre Witt, Citizen
   - Lauren Turner, Phillips 66
   - Sue Gunn, Citizen
   - Mary Rivkin, Citizen
   - “RB”

2. **Commissioners Work Session to Discuss Energy Resource Management**

   Commissioner Deshmane suggested each Commissioner list what they would like to discuss on the subject and develop the agenda from the topics.

   **Deshmane:**
   - Municipalization Study (raised from the City of Bellingham’s Climate Study and follow up with citizens)
   - Community Renewable Energy Projects

   **Murphy:**
   - Murphy doesn’t have specific topics

   **Grant:**
   - Clean Energy Transformation Act (CETA) Rule Making – is relevant for municipalization conversation
   - Current Legislative Bills to consider supporting

   Jilk added that at the next two regular Commission Meetings, there are planned presentations from *The Energy Authority* to discuss energy resources and possible policies for consideration.

   Deshmane suggested focusing on the CETA policy and municipalization conversations, and then possible renewable energy projects if time allows.
Municipalization

At the January 12 Commission Meeting, a few public comments were made about public power acquisition and a possible feasibility study. The outcome of the study needs to be determined first. Deshmane came up with a list of actions to consider:

Communitywide:
1) City of Bellingham municipalization (taking over electric grid to create its own retail authority)
2) City of Bellingham to consider “California model” that would allow the community to have control and focus on their consumption (aggregation)
3) City of Bellingham entering into a green-direct program with PSE (citywide)
4) PUD municipalizing countywide
5) CETA compliance as indicated

Next, have each entity above research the following:
- Cost of Energy
- Jobs Impact
- Broader Economic Development
- Carbon Emissions Footprint
- Connectivity
- Identify a Potential Savings for Laying Aerial Fiber

These could present different options for changing the Whatcom County grid/resource that improves carbon and economic development characteristics for our community.

Jilk asked for clarification on items number four and five; Are these in collaboration with the City of Bellingham, so it is not just the PUD outside of the cities? If the City of Bellingham would go out on its own for a feasibility analysis, it would seem to be more effective to do it jointly. Deshmane responded that countywide would not include the cities of Blaine and Sumas, it would include Bellingham but he was not considering both PUD and City to municipalize. Exactly how these scenarios should be fine-tuned would be a subject for another discussion. Deshmane wants the City to cosponsor the study. It would make sense for the PUD to oversee the study and Bellingham to participate.

Jilk commented that if this was to be a countywide study, and establishment of a countywide utility, he suggests including Blaine and Sumas in the conversation as to how they can benefit or integrate their utilities into a countywide “public utility”. Deshmane would provide a matrix with clarity on potential action and provide to the Commission for later discussion. He would also like to send it to the Bellingham City Council to see if they are willing to provide resources to conduct the study. With collaboration, there is a possibility of utilizing EDI funds for the financing.

Grant has talked about public ownership in the past and she believes the reason why there is discussion in the community is due to a lack of local control, which is a leading reason for municipalization efforts. Many of these have failed because the private investor utilities can provide tremendous resources to prevent municipalization from happening. She suggests being cautious about public ownership because it does not necessarily mean a faster transition to cleaner energy. Nationwide, the trend is not there.

She has been researching the Clean Energy Transformation Act and rule making. The transition over the next few decades is tremendous (it commits Washington to an electric supply free of greenhouse gas emissions by 2045). The other topic she hears a lot about is energy transmission and how there are not adequate transmission resources. She would like to see more energy produced locally to reduce the transmission costs. It is also a good way to produce jobs locally. Her work with utilities has been more on the demand-side of the resource. Grant would like to find a middle path. Performing a feasibility study to look at the many options is a good idea. Two benefits of being a public utility are the grant and
loan programs available.

Murphy is interested in the benefits of public power; however, he feels it is best to work with those who have interests and find a solution. Hopefully, others will join the effort, instead of saying the PUD will take over the whole county because without the additional support, we will fail. Grant said she has had several people from Bellingham and other communities comment to her on their concerns and needs for power. Most concerns regard the delay in transitioning to clean energy, as it has been perceived and adequate service or performance upgrades that are needed. She suggests a survey for better information on how community members think about it.

Murphy said if the City of Bellingham has the most interest for public power, then perhaps that is where to start. The District needs look at hiring the right people or consulting firm to head up the studies; as current staff is already overloaded. If the City agrees and would be willing to co-fund, then he could see moving ahead.

Because the public is talking about municipalization, Deshmane said it should be discussed. He will prepare a document to send to the Commissioners to address funding/collaboration on the study (City, Whatcom County), and that the voices of the community are heard to give input on the study. He suggested a countywide forum to provide input before a final Request for Qualifications. Grant said it is important that one of the Commissioners communicate with Puget Sound Energy and to have healthy, open dialogue with PSE on where the community wants to go, and in the most economically way. If we don’t go that direction, the analysis is needed in order to make a fully-informed decision. Grant offered to be the liaison with PSE.

Deshmane has reviewed the latest Integrated Resource Plan (IRP) from PSE, and it appears that coal use will be reduced and replaced with natural gas production. In regards to ongoing legislation, the push is for all utilities toward further electrification.

Grant has been learning more about the rule making process and a lot of information isn’t available. One item in the rule making requires investor-owned utilities to work more directly with communities regarding clean energy implementation plans and the Utilities and Trade Commission will have more of a say in the implementation plans in the future. There is a strong equity focus on the Integrated Resource Plan (IRP) to identify communities that have been the most impacted or likely to be highly impacted by climate change and existing energy infrastructure. Hydropower does count under CETA as long as there are no new diversions. This could be an opportunity to look at micro hydro production with the District’s existing infrastructure.

There might be a common interest for Snohomish PUD, Whatcom PUD and PSE to meet with the local CETA rule-making process. Nicholas Garcia of WPUDA is very knowledgeable and Deshmane proposed meeting with Garcia first then proceed. Walters commented that Whatcom PUD is subject to meeting the goals of CETA, and we are about six percent short of our power supply that does not meet CETA requirements, and we do have the resources to bid into Snohomish PUD’s IRP. Small-scale resources to serve community needs may not meet existing customers’ needs, and we may end up serving large loads. Municipalization can take on many different forms. Sitkin added that on January 20, 2021 the UTC approved the IRP for PSE.

Next steps:
Deshmane suggested a meeting on the subject of CETA and rule making. Grant said the process is to determine the vision of the community, how to get there as quick as possible, with the lowest rate. If PSE is ready to be a community partner, show us the current business model and collaborate in every way possible, or the PUD can take its own path. Deshmane suggested an “energy summit” with PSE. Grant will follow up with PSE and Deshmane with Garcia.
Jilk does not see these as standalone issues. It would be a good approach for Commissioner Grant to reach out to PSE. In addition, at the next two upcoming Commission Meetings, presentations on energy issues are planned by The Energy Authority. Perhaps the first meeting in March will be a good opportunity to discuss. There will also be further discussions on broadband and create more demands for public outreach on the Commission and staff’s workload to move the discussion forward.

Deshmane will send his document out about municipalization and other study options. Murphy added that he appreciates the subject coming up – and we need to figure out the next step. He has always focused on water issues and appreciates the other Commissioners’ knowledge in this arena.

3. **Adjourn**

There being no further business for the special meeting, Commissioner Deshmane adjourned the special meeting at 9:04 a.m.

_________________________________

Atul Deshmane, President

_________________________________

Michael Murphy, Vice President   Christine Grant, Secretary
MINUTES OF THE REGULAR MEETING OF THE COMMISSION

February 9, 2021

1. Call to Order | Pledge of Allegiance
The regular meeting of the Board of Commissioners of Public Utility District No. 1 of Whatcom County was called to order at 8:04 a.m. by Commissioner Atul Deshmane. Said meeting was open to the public and notice thereof had been given as required by law. Those present via Zoom teleconference included Commissioner Mike Murphy, Commissioner Christine Grant, Commissioner Atul Deshmane, and Legal Counsel Jon Sitkin. Staff attending via teleconference: Steve Jilk, General Manager, Ann Grimm, Executive Assistant; Rebecca Schlotterback, Manager of Contracts and Regulatory Compliance; Annette Smith, Director of Finance; Brian Walters, Assistant General Manager; Duane Holden, Director of Utility Operations; Paul Siegmund, Manager of Automation and Technology; Aaron Peterson, IT/SCADA Technician; Mike Macomber, IT/SCADA Technician; Jon Littlefield, Electric System Supervisor; Tony Gambini, Substation Technician; Devin Crabtree, Chief Water Operator; and, Traci Irvine Accountant I.

Public attending via teleconference:
Anna Berg, The Energy Authority
Jeff Fuller, The Energy Authority
Todd O’Keefe, The Energy Authority
Carryn Vande Griend, PSE
Dave Olson, Citizen
Rick Maricle, Citizen
Rebecca Chamberlain, Citizen
Jamie Douglass, Citizen
Dan Douglass, Citizen
Ellyn Murphy, Citizen
Joe Beaulaurier, My Ferndale News
David Hostetler, Citizen

2. Approval of Agenda
Commissioner Deshmane indicated he would like to add a section under Old Business as 4b to discuss some ideas he has on broadband. ACTION: Commissioner Murphy motioned to APPROVE THE AGENDA OF FEBRUARY 9, 2021 AS AMENDED. Commissioner Grant second the motion. Motion passed unanimously.

3. Approval of Consent Agenda
Commissioner Grant suggested revising a section of the January 19, 2021 Special Meeting Minutes on page three under PUD’s History on Broadband, third paragraph. The section begins “Abandoning the idea of a countywide, public open access network is what Jilk thinks the PUD needs to look at.” Grant suggested rewording the sentence to say: Revisiting the reason why a countywide public open access network failed is what the PUD should look at. The current sentence structure makes it sound like the PUD should abandon the current effort.

ACTION: Commissioner Grant motioned TO APPROVE THE MINUTES OF THE SPECIAL MEETING OF JANUARY 19, 2021 AS CORRECTED; AND THE CLAIMS OF FEBRUARY 9, 2021. Commissioner Murphy second the motion. Motion passed unanimously.
4. **Old Business**
   a) Broadband Community Liaison/Advisory

   Regarding the City of Bellingham’s Broadband Advisory Committee: Sitkin discussed the situation with Jilk and a City Official. The concerns from the City are about the City’s Charter and a conflict interest – whose interest would the commissioner be representing? PUD’s or City’s’? Sitkin suggested that what has been discussed in the past – the creation of a regional planning board from different public agencies – officials from elected PUD/staff PUD similar with the Port, and City, possibly from County as well, to have a policy board/discussion format to align policies to coordinate strategies, efforts, funding, implementations, etc. so all agencies are represented and can collaborate. The PUD has had discussion with Port staff and Port Commissioners over the years about the subject.

   Oftentimes agencies elect a legislative official or liaison to another agency. For example, Commissioner for District 1 is largely within the City limits and Port; and another Commissioner could represent the county, etc. Given the many discussions involving the City of Bellingham and the Port, perhaps the PUD should designated a Commissioner to a certain entity, benefiting and creating efficiencies within all agencies in the future. Pursuing a regional planning board may be a good way to focus the broadband strategic planning for Whatcom County.

   Deshmene reported on attending the City’s Broadband Advisory Committee last Tuesday. The purpose of the meeting was structuring the group on how to move forward. Deshmene asked for confirmation from the other Commissioners that he can/will attended as an Ex Officio member (not as a voting member – which the Commission addressed at the January 19 meeting.) Murphy and Grant agreed for him to continue as Ex Officio.

   The update from that meeting: David Roberts will be the facilitator; it will meet twice a month. The goal is focused on affordability and equitability of broadband. Deshmene read the names of the members and related experiences. The first goal will be to write a Request for Proposals. Next meeting is Tuesday, February 16. Deshmene said several voting members want to know why is it a topic of “City only effort” and not “countywide effort”. Deshmene is very interested to learn more at where the Port stands.

   Jilk inquired about how to manage Brian Walter’s appointment to the Ex Officio list. Should Walters participate or if Deshmene continues attending as the PUD representative, then Walters will not be engaged. Deshmene asked when Walters was notified. Jilk replied it was a few weeks before the Commission had the discussion about appointment to the PUD Commissioner be appointed to the Committee as a voting member. Walters was advised he was selected as an Ex officio member.

   Deshmene did not recall being informed if Walters had been asked to attend and he had no knowledge of it. Deshmene had a meeting with Fleetwood, he shared the list of members with Deshmene. He is glad to know Walters was approached. According to the letter written to the City, it noted that Deshmene would be the attendee; and if the City approves two members, Walters is on the list. Jilk wants to communicate to staff and the City on who will be representing the PUD.

   Murphy remember the discussion and summarized what happened. He thinks one representative from the PUD to attend the Committee meetings is fine. Grant agreed. Having an elected person at the meetings makes sense. Many things that Deshmene brought up relate with conversations she had with the Port since the last meeting; i.e. a countywide solution vs. city-wide. The outcome of the City’s Broadband Advisory Committee is to make recommendations to the City Council on how to move forward and what level of engagement to be involved.

   Grant’s conversation with Gina Stark (Port) and Jilk regarded the status of the Interlocal Agreement and request for EDI funding. She also reached out to Port Commissioner Michael Sheppard and reviewed
their studies related to broadband. In her opinion, it doesn’t make sense for the PUD to pay for one of the segments of the backbone; rather, form an Interlocal Agreement and partner on the shared. One of the missing pieces is what is the end goal that the PUD wants? We need to have a goal and an end-vision. A countywide vision for gigabit internet that is accessible and affordable. The next steps should be to create an Interlocal Agreement with the Port – to work together on a shared goal, the broadband analyst job coming onboard to the PUD; and a $75,000 budget for planning: Mapping, and Return on Investment (ROI) is also underway. The PUD should brand an initiative with a name to move forward.

Deshmane said one gig of speed is a realistic goal for a target, using existing or potentially buried conduit to reduce costs, and without using more electricity. Murphy is concerned about the State speed goals and timeframe will take a long time. Grant would like to start working on a goal, and a good start is the Port’s backbone fiber plan.

Murphy asked how the new PUD broadband analyst would work with the Port. Jilk replied that the Interlocal Agreement (IA) is already established regarding the feasibility study. The PUD can review the IA and amend/broaden as necessary as to be accomplishments on a higher level, for an opportunity staff from the PUD to work with staff at the Port to implement and bring back suggestions their respective Boards. It makes a solid statement to the community that the PUD is committed to moving the project forward.

In summary:
1) Establish a Goal Statement: PUD alone or PUD/Port? Commissioner Grant will take this on and work on a draft.  
2) Interlocal Agreement Draft: Sitkin is in the process of drafting an IA and suggests a meeting with Port Commissioner Sheppard, Commissioner Grant, Executive Director Rob Fix and Jilk to further discuss what it should contain, with an implementation strategy, and then report back to work on draft IA. 
3) Staff Position – Jilk will present more information later in today’s meeting. 
4) Study Contents/Scope/Funding – Grant will discuss with Stark regards to scope study, an outline and other identifiers. Economic competitiveness, and the importance of speed testing and some representative numbers should be included.

Jilk suggests the drafted IA should be reviewed before producing the first draft of a goal statement; Grant will review and draft a goal statement. The next EDI meeting is in March; however Jilk said he believes it is more important to have the IA in place prior to the request for funding – i.e. having everything prepared and in line with the Port, prior to making an application. In consideration of other funding opportunities as Commissioner Grant has suggested, it would be more effective to come out with a focused vision and then gather the funding available.

Flexibility in the IA and goals may evolve, goals and the responsibilities of new staff person as it relates to fiber and broadband. Sitkin added that the IA doesn’t have to include all the specifics; it can set the structure for the two entities to work together to develop strategies, tasks, etc., to act as more of an overall guidance agreement.

Other Broadband Topics
Deshmane said there are a few community groups that want to take advantage of fiber that is going nearby their neighborhoods and work out arrangements to tap in and create local loops. There are about six areas outside of Blaine and Sumas that are interested. Perhaps there is an opportunity for PUD staff and possibly Port staff, to be supportive of these small groups. Is this something the Commission would be willing to explore? Grant has also talked to the same people – one is Jamie Douglass. Grant said hiring the broadband services analyst is the first step, and these small fiber loops may be something this employee can research. Deshmane will follow up with Douglass and others.
Jilk noted the Grays Harbor PUD article in the recent WPUDA Friday Facts. They are researching fiber efforts as well. We have asked for a copy of their RFP to review. GH is looking at east Harbor County areas to create a long term plan on how to best serve customers and roles their PUD should take, and form a business plan.

**Idea for Naming the Effort**
A hummingbird was the brand identification used for InfiNet all those years ago. There was no number associated, especially in terms of speed, just to infinity…

5. **a) Approve Professional Consulting Agreement with Electric Power Systems, Inc.**
Background – In 2018, EPS began design for an extension of the PUD fiber optic communications backbone, to extend fiber to the Intalco Substation on Alcoa property. EPS has designed three other fiber projects for the PUD. It is the desire of PUD Operations staff to extend the District’s fiber optic communications backbone to all of the existing facilities. For this extension, new easements had to be acquired from Alcoa, which in turn delayed the project substantially. Project Manager Strand explained that because of the time it has taken to acquire the easements, the original agreement with EPS expired. This fiber extension also involves crossing a number of fuel pipelines. The route of the fiber design has changed three times to minimize fuel pipeline crossings. In order to complete the project, a new agreement must be approved with EPS to extend the time to complete the project. For various cybersecurity reasons, this fiber line is used only for District communications.

The 2021 Budget includes sufficient funds to cover work to be performed by EPS under the PSA. The Agreement, if approved, has no associated budget. Work to be assigned to EPS and the associated cost for the services to be performed will be through the use of work orders approved by the District’s General Manager or Commission pursuant to District Policy. Once a work order is approved, it will be attached to and incorporated into the Agreement as “Exhibit A”. Each new work order approved thereafter will be an amendment to Exhibit A and the underlying Agreement.

Grant mentioned possible connectivity pilot project with BP Refinery, once our fiber is extended to D Station, near BP.

**ACTION:** Commissioner Murphy motioned to APPROVE A PROFESSIONAL CONSULTING SERVICES AGREEMENT (“PSA”) WITH ELECTRIC POWER SYSTEMS, INC. (EPS) AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE THE PSA. Commissioner Grant second the motion. Motion passed unanimously.

The Commission recessed at 9:40 a.m., for a five minute break so Commissioner Deshmane could feed his chickens.

**b) The Energy Authority Presentation**
District staff has been reaching out to organizations that provide consulting assistance particularly with regard to public utilities seeking to diversify their power supply portfolios; purchase and manage non-federal power; acquire low carbon and renewable resources; and make transmission arrangements to deliver power to their electric systems.

The Energy Authority (TEA) is one of the consulting firms contacted by District staff last year. Subsequently, the District with Commission approval entered into a Professional Consulting Services Agreement with TEA. Following execution of the Agreement, staff then worked with TEA in developing a scope of services and budget, which formed the basis of the first work order. Work Order No.1 was approved and executed on May 12, 2020.
The scope of services under the work order included general consulting services, development of workshop style slide presentations, and a summary white paper addressing outstanding issues. To date, TEA has developed and presented three workshops for staff. On February 9, TEA will present the first workshop/slide presentation for the Commission. The second workshop is scheduled for March 23rd.

The first workshop for the Commission focused on the District’s Power Sales Contract with BPA and different approaches to acquiring additional energy resources to serve the utility’s forecast load growth. Highlights included:

Who is TEA?

The Energy Authority (TEA) is a nonprofit portfolio management, energy trading and advanced analytics firm that has operated in wholesale energy markets across the U.S. since August 1997.

Regional Expertise

- Current BPA Load Following Portfolio Management Clients
  - Klickitat PUD
  - Umatilla Electric Co-op
- Current BPA Sliced/Black Portfolio Management Clients
  - Benton PUD
  - Franklin PUD
  - Grays Harbor PUD
  - Pacific PUD
  - Lewis PUD
  - Cowles PUD
  - Clark PUD
  - Emerald People’s Utility District

BPA Contract Background

- BPA and region “dialogued” to define post-2011 power products and long-term contract during the 2004-2008 period.
- Goal was to secure benefits of Federal Base System for public power for next 20 years and preserve its value for this region.
- Contract linked to new Tiered Rates Methodology (TRM):
  - Intended to establish a predictable and durable construct to tier BPA’s rates
  - Utilities allocated maximum amount of BPA power (Contract High Water Mark) it could purchase at cost (Tier 1 Rate) for contract term.
  - Load growth above this level customer to pay for.
  - TRM effective with new contracts.
- BPA Regional Dialogue Power Sales contracts executed with ~135 customers in late 2008; TRM finalized Fall 2009.
- Contract term October 2012 through September 2028.
BPA’s Product Offerings

Load Following Product
- BPA plans for and provides firm power to meet utility’s actual retail load every hour of the year.
- BPA uses power from the Federal Base System (Tier 1 System).
- When the Tier 1 System experiences periods of deficits, BPA makes market purchases during periods of surplus, at a rate that offsets its costs.

Block Product
- BPA supplies a planned block of energy each month to help meet utility’s forecast load.
- Same amount of block energy provided every hour of the month.
- Monthly amounts vary depending on the utility’s historical load profile.
- Handful of BPA’s customers with large owned resources contract for Block only product.

Slice Product
- Supplies varying amounts of firm power the utility uses to serve its retail customers; includes hourly scheduling rights to that power.
- Commonly combined with the Block Product.
- Hourly Slice is tied to the variable output and capability of the Federal System (Tier 1 System), after BPA’s obligations, within Federal system operating constraints.
- Utility has responsibility to make purchases if needed during periods of deficit and make market sales during periods of surplus.

BPA Power Contract and Rates Framework

- Whatcom PUD’s BPA Contract High Water Mark is 27.23 MW.
- The Contract HWM is the maximum amount of power the PUD can purchase from the BPA “Tier 1 System” at cost.
- Every two years under the TRM, BPA determines:
  - Sum of customers’ loads (some up, some down)
  - Size of Tier 1 System to meet these loads (fluctuates)
  - Establishes Rate Period HWM for the next two-year BPA rate period
- Rate Period HWM process is how:
  - BPA determines revenue requirement (sets rates)
  - BPA allocates Tier 1 System costs and credits through rates (flows to customers’ monthly power bills)
  - Signals Above HWM amount utility needs to plan for

Approaches to serving new load growth – Market and Renewable Resources Examples

Planning to Serve New Growth

- Many utilities with the BPA Load Following product have worked through procuring new resources to meet their above HWM need.
- Most common approaches:
  1. Elect BPA Tier 2 Service
     - Advance notice required (by Sep 30, 2021 for 2024-2028 period)
     - Less flexible than other options; two windows to adjust quantity needed
  2. Acquire resource(s)
     - Wholesale market purchase(s) or product(s)
     - Utility owned/developed resource(s)
     - Power purchase agreement (market products or renewable resource)
  3. Any combination of the above
Fine tuning the future (forecast) rate load is a collaborative and speculative process – Walters has spent a lot of time in discussion with BPA. Many utilities have experienced load growth and are using a variety of other resources (which are not BPA Tier 2).

**Example #1: Serving Above HWM Load with “Market” under BPA LF Contract**

**Option A: Power Purchase Agreement**

- Competitive market products with varying term lengths available through power purchase agreements (PPAs).
- Sellers understand BPA’s requirements to serve above HWM load and will accommodate for a $ fee.
- Cost adder for renewable attributes, specifying a resource.
- **Fine print:**
  - Any purchase must be scheduled and tagged (daily, hourly).
  - New transmission service may be required for delivery.
  - Ancillary services costs apply ($).
  - May desire product be “shaped” to match changes in seasonal load, serve peak periods ($).
  - BPA can levy Unauthorized Increase Charge if scheduling is incorrect.
Option B: Renewable Resource (Wind)

- Wind PPA's typically sell output "as-produced."
- Prices today lower than compared to early 2000's.
- PPA term typically longer than market product [15 vs 3-5 years].
- More complex if multiple off-takers of a single project.
- Other costs/challenges:
  - Wind must be converted to flat block to meet BPA requirements ("$10-20/MWh adder")
  - BPA Transmission charges to integrate or "follow" wind at "$5/MWh"
  - BPA assesses penalties if forecast error more than 3 consecutive hours
  - Renewables curtailed in some seasons; produce low/no output during cold/heat
- Additionally:
  - Requires a scheduling agent to forecast, schedule and tag daily/hourly output.
  - Transmission service required.
  - Imbalance costs assessed to compensate BPA for "filling in" differences between scheduled and actual metered output.

Example #2: Serving a New Large Single Load (NLSL)

- BPA's requirements are challenging
  - "NLSL" is a new single load larger than 9.99 MW in a single calendar year (phasing load growth is best approach).
  - If utility requests BPA serve the load, then BPA's New Resources (NR) rate applies.
  - Current average rate is $79.80/MWh.
- BPA also requires:
  1. Resource Shaping Service
     - Large penalty for under delivery during on peak hours ($14,000/MW).
     - Large penalty for under delivery during month ($80/MWh).
     - Smaller penalties for over delivery during month (0-16% below market).
  2. Transmission Curtailment Service
     - Protects from penalties in event transmission path is curtailed.

Benefits and Risks associated with Pursuing New Resources

#1: Mitigates BPA Risks and Requirements
- Advance notice required to elect BPA Tier 2 service; some ability to adjust, less flexible.
- New Large Single Load policy may trigger if new load is greater than 9.99 MW and occurs in single year; significant costs.

#2: Retain local control
- Allows ability to chart own course during period of rapid industry change
  - Planning flexibility re: timing of new additions
  - Can accelerate or decelerate depending on timing and size of need
- Essential to develop utility strategy to comply with Washington's new Clean Energy Transformation Act
- Tailor resources to meet individual customer need
  - Customers typically bottom-line focused
  - Desire renewable; carbon free portfolios

Walters added that customers want power products offered by BPA that will coincide with their green energy goals. It will be very challenging to meet these obligations and requirements of the customers.
Summary

- Planning for future load growth isn’t simple, but it is doable.
- Viable options exist to serve above HWM loads and new large single loads.
- Others have successfully navigated this same path.
- New customers’ wants and needs combined with new regulatory policies make it essential to have a roadmap and strategy.

Next Steps

- Next Workshop Topic on February 23:
  - Policy basics and delegation of authority
  - Portfolio risk management
DRAFT

- Policies and procedures to support Board policy
- Roles and responsibilities and limits

- Overview of Portfolio Management
  - Activities performed when managing a portfolio
  - Staffing impacts and other considerations

The Districts works in close proximity with Phillips 66 to discuss power sources and supply. The main decision to be made is whether or not we will go with BPA for Tier 2 power or an outside resource. Also, what choices the PUD needs to make and how the new resource portfolio will be managed. The September deadline gives the District time to create a strategy and think things through.

Commissioners thanked The Energy Authority team for the presentation.

6. General Manager’s Report
   Legislative Report – Highlights

Washington Public Utility Districts Association: Reporting on 83 bills ranging from telecom, water, economic development, to energy supply. Washington Water Utility Council is monitoring about 71 bills all related to water/water rights/water banking. Jilk will report back later this week with more information for Commissioners’ support on two key bills:

   HB 1460 – Closing the Digital Divide with an Excise Tax (for PUDs it provides another funding source to expand broadband services). WPUDA is supporting this bill.

   SB 5175 – Codifies (puts into law) the requirement for Community and Economic Revitalization Board to provide loans and grants for broadband services. This requirement is not currently codified and there has been much discussion for CERB funding for broadband. WPUDA is supporting this bill.

   SB 5383 – Opposing: Sponsored by Senator Wellman which would allow internet retail service providers (private telecoms) to overrule authority over elected governing bodies (such as PUDs) if they can document service already exists. Deshmame wanted to make a motion immediately in support of opposing this bill. Grant does not agree with this move is because of who the bill sponsors are. For example, she wants to understand better why Senator Lovelett is one of the co-sponsors of the bill (Anacortes municipal fiber project).

   SB 5110 – Sponsored by Senator Erickson, relating to promoting greater access to the internet by modifying permitting, taxation, and other standards for telecommunications companies and facilities; It gives a PUD the authority to combine broadband into existing utilities. WPUDA stance is that PUDs do not need this nor do they want it. It could decrease transparency and accountability - to combine broadband into the other utilities that a PUD operates. Jilk will follow-up with WPUDA to ensure an accurate report.

   SB 5060 – Concerning the preservation of water rights for farmland and economic development.

   SB 5381 – Concerning culverts/fish passage barriers, provides a streamlining opportunity to get these projects moving ahead.

Deshmane asked for a placeholder on future agendas to discuss in-depth legislative topics. Or consider holding another special meeting next week to focus on the legislative topics. Grant is available but realizes it creates additional time and work for staff. Jilk sees no issues for the delegation in Olympia or key members if we hold off for a week to support or oppose legislative topics. Grant will reach out to the sponsors of the bills for more information and provide back to Jilk for distribution.
Next meeting topics:
- The Energy Authority’s second presentation and a discussion on broadband;
- A recommendation to establish two new job positions: Energy Resource Analyst and Broadband Services Analysts. Drafts of these positions have been sent out and Jilk has asked for comments by the end of the week;
- Discussion regarding process of recruitment for replacement General Manager;
- A review of PUD Initiatives and Strategic Plan on broadband, renewable energy, and water issues related to the 2021 budget and upcoming 2022 budget;
- Establishing the “community services group”

Get-to-Know You
This is an opportunity for staff members to introduce themselves to the Commission. This week, Brian Walters introduced himself with a brief description of his current work as Assistant General Manager at the PUD and other positions within the almost 20 years at the PUD and prior experience, hobbies and outdoor interests.

Commissioner Deshmane also took the time to introduce himself, his work history and shared his personal hobbies and interests.

7. Commissioner Reports
Grant – Sending good luck to the operations team for the upcoming cold weather forecasted and hopefully the frazil ice will stay away, stay warm and stay safe. Thanks to Annette and everyone that worked on the Bond Sale, and she has been in touch with folks at WPUDA and if HB 1336 moves out of the House and is assigned to a committee in the Senate, she has offered to testify.

Murphy – Has been working on water issues with WPUDA and met with Dave Olson for updates on Whatcom County water topics. He has also been meeting with Jilk on strategic planning efforts.

Deshmane – In regards to the District’s Per Diem Compensation Policy, Deshmane noted that he has attended meetings over the last few months in relation to watershed planning, the Port of Bellingham (fiber and broadband) Watershed Improvement District meetings and many others.

Grant asked about her reporting process. A discussion regarding upcoming meeting reports aren’t always necessary as Sitkin explained. The District’s policy that was adopted in 2018 clearly identifies the purpose of Commissioner’s attendance at certain meetings and there is an annual cap (number of meetings and total dollar amount). Jilk explained that the issue was brought to our attention at our last State Audit (not specific to Whatcom PUD) but with other PUDs in the state not meeting the cap limits or identifying the purpose of attending meetings. Our Commission adopted the policy, it was brought up at our last audit, and we want to make sure that we follow the intent and what our policy states. The policy was recirculated to the Commissioners via email today.

8. Public Comment
Jaime Douglass – Is here with his son Dan, and supports the “Gigabit Whatcom” broadband approach Commissioner Grant discussed. He has extensive experience in large scale projects and his son has a degree in cybersecurity/IT. They are trying to establish neighborhood local loops, and currently working on one in Blaine. A project like this allows to learn by doing on a small-level start. The Douglass’s are offering their help and background/experience should the PUD seek community interaction on this. It is a way to come up with a way to get everyone connected in Whatcom County and doesn’t just involve the Port, PUD, County, Comcast, Wave, etc. This is one of the many projects working on the effort, they hope the PUD will take advantage the resources to solve this problem. A meeting is scheduled March 1st with Deshmane to continue the conversation.
Rick Maricle – Commended the Commission for not taking precipitous action on a bill pending in the legislature before having a chance to review it. Regarding SB 5383, it should be noted that an Internet Service Provider can only object if they (ISP) already serve that area or have construction going on in the area; they wouldn’t be able to do a “blanket objection” to the PUD or something similar.

9. Adjourn
There being no further business for the meeting, Commissioner Deshmane adjourned the regular meeting at 12:22 p.m.

__________________________
Atul Deshmane, President

__________________________
Michael Murphy, Vice President    Christine Grant, Secretary
Memo

To: Commissioners Deshmane, Grant and Murphy
From: Brian Walters – Assistant General Manager
Date: February 26, 2021
Re: Staff Update on Energy Resource Activities

Background

As discussed at previous meetings, there are several factors currently in play, which have prompted District staff to begin investigating the possible acquisition of new energy resources. The sources of supply would not be part of the federal based generation system from which the Bonneville Power Administration supplies 100% of the supply needed to serve the District’s electric load. Among the key factors informing this decision are:  (1) Forecasts of load growth on the District’s electric system. (2) BPA power purchase agreement provisions and rates, and (3) Washington State’s CETA legislation.

Forecast of Electric System Load Growth

Staff responding to data provided by its existing retail electric customer and potential new electric load customer has developed a forward load forecast, which projects that significant load growth will occur on the District’s electric system over the next several years. Given BPA power and transmission agreement obligations, the District has vetted the forecast with BPA staff and adjusted it based on their input. The electric load growth is projected to begin ramping up the 4th quarter of calendar year 2022 (BPA’s FY 2023). The load growth is anticipated to continue through the end of the current BPA power purchase agreement term, which expires September 30, 2028 (BPA FY 2028). This growth is centered in the Cherry Point Heavy Industrial Zone area and includes both existing and possible new customer loads.

For BPA’s next rate period (FY 2022-23 or October 1, 2021 through September 30, 2023), the District’s electric load is forecast to exceed the PUD’s BPA Tier 1 allocation of power. Beginning the 4th quarter of calendar year 2022 (BPA FY 2023), the District’s load is forecast to grow another 5-7 aMWs annually (1 annual aMW = 8,760 MWhs). The amount of load growth forecast would dramatically increase the District’s exposure to BPA power supplied at Tier 2 prices. Post BPA FY 2024 (ends September 30, 2024), the forecast includes an additional 30 to 300 MWs of load to be added incrementally to the District’s system in the Cherry Point area. This amount of load, if realized, presents challenges not only with respect to resource acquisition and management, but also with respect to resource costs.
BPA Power Purchase Agreement and Rates

The electric load served by the District’s electric system has been forecast to exceed the District’s Tier 1 priced energy allocation available through the District’s power purchase agreement (PPA) with BPA, as discussed above. Under the current PPA and in accordance with the provisions contained in Exhibit C to the PPA, the District is currently obligated to purchase the above Tier 1 allocation amount (i.e. Contract High Water Mark (CHWM)) from BPA at the published Tier 2 rate. This obligation extends through BPA’s next rate period (FY2022-23) or October 1, 2021 through September 30, 2023. Should the District seek to purchase a non-federal energy resource to serve load during this period, it would still be obligated to pay for the amount of energy available from BPA at the Tier 2 price. Under such circumstance, BPA would re-market the un-needed energy supply and the District would be required to reimburse BPA for any lost revenue (difference between the sale revenue and what BPA would otherwise have received from the District). Therefore, if the District were to purchase non-federal power to be delivered prior to October 1, 2023, the District risks paying for the new supply plus a BPA lost revenue adder.

The forecast new load growth beginning 4th quarter 2022 will be served with BPA energy supply priced at BPA’s Tier 2 rate, which will be determined as of the end of BPA’s current rate case and implemented Oct.1, 2021 (BPA FY 2022). The District has an opportunity to revise the amount of load growth to be covered by BPA at its Tier 2 rate, The District has the right under its PPA with BPA to set the amount (aMWs) of supply BPA would provide versus non-BPA resources going forward for BPA FY 2024 through FY 2028, which is the expiration date of the current BPA PPA. If the District elects to add non-federal resource, then the remainder covered by BPA cannot be increased over then remaining term of the PPA. For example, if the District’s load growth going forward was 7 aMWs and the District elected to acquire 2 aMWs from a non-federal renewable resource, then BPA would be obligated to cover the remaining 5 aMWs through FY 2028.

**Decision Milestone:** The District must provide notice to BPA power services by September 30, 2021 whether or not the District plans to serve a portion of the electric system’s projected load above the Tier 1 allocation with non-federal energy resources for the post BPA FY 2023 period. If the District does plan to acquire some amount of non-federal energy resources, then the District must revise Exhibit C to the PPA and insert the aMWs of non-federal resource to be acquired in BPA FY 2024 thru 2028.

The large electric load increases (30 – 300 MWs) forecast for post BPA FY 2024, if they occur, would trigger BPA’s New Large Single Load (NLSL) policy requirements and subsequent NLSL pricing. As discussed during TEA’s first presentation, any existing load increase or new customer load increase in excess of 9.9 aMWs in a consecutive 12 month period triggers a NLSL designation and power to be supplied for that load would be charged at the NLSL rate. Under BPA’s current rate period, the PUD’s Tier 1 allocated power supply averages approximately $ 35/MWh. The NLSL rate is approximately $79/MWh. Unless BPA’s current NLSL policy and pricing methodology change, it is likely that the District would pursue non-federal power supply to serve any NLSL load.

**Washington State CETA Legislation**

The passage of the State’s Clean Energy Transformation Act (CETA) in 2019 changed the status of the District’s participation in pursing new renewable and non CO2 emitting energy resources from voluntary to mandatory. Under the earlier State legislation mandating that Washington State electric utilities attain x percentage of renewable energy resources as part of their overall energy supply portfolios (Portfolio standard), a defined “small utility” (less than 25,000 customers) could voluntarily participate or not in increasing the amount of renewables in their supply portfolios. The small utilities were obligated to comply with certain reporting requirements. Under CETA, all of the State’s electric utilities are required to comply with the legislated mandates, including small utilities. Reporting requirements for the small utilities are less stringent than for the larger (greater than 25,000 customers), but the overall goal of achieving a 100% clean energy portfolio is mandatory for all.
With the above in mind, the District must plan for a future power supply portfolio that is carbon neutral by 2030 and carbon free by 2045.

**District’s Current Carbon Exposure**

At present due to the composition of BPA’s federal power supply, the District is in a great position regarding designated clean energy supply. For calendar year 2019, the District’s energy resource supply portfolio (100% BPA) consisted of approximately 94.6% clean energy (both hydro and nuclear). 5.4% of the portfolio was designated as non-specified supply. This was power purchased by BPA to meet shortages in BPA’s supply at certain times of year and during certain hourly periods. This was primarily short term market purchases to fill gaps and the sources of the supply weren’t always transparent. Supply sources likely included coal, gas, and hydro generated energy. Under the Washington State rules, the default for non-specified energy resource supply has been CO2 emitting coal-fired generation. Going forward, coal generating resources must be out of Washington State utilities’ portfolios by 2025.

However, because coal-fired generation supply is the proxy for the non-specified energy supply means that currently the District has exposure to carbon emissions reduction requirements and potential pricing penalties going forward. Using the 2019 data for the District’s fuel mix (energy resource portfolio), the 5.4% non-specified resource is equivalent to approximately 12,762 MWhs (12,762,000 kWhs) of electricity or 1.46 aMWs. At 2.21 lbs CO2 emissions per 1 kWh of coal-fired generation, the annual carbon emissions generated by this non-specified energy resource supply is approximately 28,076,400 lbs or 12,733 metric tons (2,205 lbs/ton).

Under CETA, a utility must take into account the social cost of carbon, as part of its energy resource acquisition cost-benefit analysis. For example, if you use a social cost of $60/ metric ton of CO2 emissions, then the 12,733 tons mentioned above would have a value of $763,980 and could be treated as a cost adder for the 1.46 aMWs of non-specified resource supplied by BPA or as a value added cost reducer for 1.46 aMWs of specified energy resource from a renewable energy project. Even though the renewable energy purchase price might be greater than that available from BPA, the value added carbon reduction would have greater social benefit. Also in the CETA legislation and timeline for achieving 100% clean energy supply, there are penalties for not achieving the interim goals within the overall timeline. The current penalty discussed is $100/MWh of emitting resource supply. Using the District’s 12,762 MWHs of non-specified resource treated as emitting generation, the annual penalty fee would be $1,762,000, if the District’s carbon exposure wasn’t mitigated.

There is still considerable debate to occur around the carbon issue and who pays for CO2 emissions produced by electric generation and how much is the social value around emissions reductions and the magnitude of penalties for non-compliance. However, as the District’s energy resource supply needs increase to match electric system load growth, it is clear that the District’s carbon exposure may increase also, unless the District takes strategic actions to manage its power supply in a manner to reduce and eliminate its carbon exposure.

**Ruby Flats Solar Project**

The District has recently joined the energy supply group Northwest Intergovernmental Energy Supply (NIES). The public utility members comprising the group can jointly investigate and acquire energy resource supply from sources the group elects to pursue.

Six members of NIES, including the District, are currently discussing the investigation of the Ruby Flats Solar project (formally known as the Tucci Solar project). Besides the District, the other members are:
The participating members are in discussion over the scope of work, which NIES’s sub-group NEMS (NW Energy Management Services) would complete in doing due diligence for the proposed project. District staff anticipate that a Specific Resource Investigation Agreement will be presented to the District’s Commission for review and approval in March. The Agreement will include, as exhibits, the scope of work for NEMS and the budget to be shared by the participating NIES members. The current understanding is that the members involved will equally share in the cost of the investigation. Also for cost allocation purposes, the starting assumption is that each participating member will purchase 2 aMWs output annually from the project. At a 15% capacity factor, the 12 aMWs total would utilize 80 MWs of solar panel installed capacity.

**Decision Milestones:** Over the next several months if the District continues to pursue participation in the Ruby Flats non-federal solar project, there will be several decision points at which contracts to proceed must be approved and executed. These include,

- **NEIS Specific Resource Investigation Agreement**  
  *March, 2021*
- **NEIS Resource Agreement**  
  *April-May, 2021*
- **Developer Power Purchase Agreement**  
  *Fall, 2021*

**Summary Thoughts**

District staff is investigating new non-federal energy resources in addition to BPA power supply for its energy resource portfolio going forward. The default is to not investigate and continue to rely on BPA for 100% of the District’s energy resource needs through the end of the current BPA PPA, which expires September 30, 2028. The CETA deadline for the District to have a carbon neutral energy resource portfolio doesn’t occur until 2030. Therefore, the District could take a wait and see attitude.

However, there are risks associated with the do nothing now approach. Among them are,

- Utility competition for renewable resource supply, which is already underway.
- Cost of BPA power to supply NLSL loads, if they occur on the District’s electric system before 2028.
- Lack of experience in energy resource acquisition and resource portfolio management, when it is needed.
- Lead time in putting into place the arrangements necessary to acquire new energy resources; secure transmission capacity to move the energy to the District’s system; and the time to permit and build new energy facilities needed to deliver the energy to the load customer.
- The new BPA PPA post 2028 may not be as favorable as the current PPA.

The biggest decision regarding the District’s near term energy supply future is whether to give notice to BPA by September 30, 2021 that the District will add non-federal resources to its energy supply portfolio during the period BPA FY 2024 through FY 2028 (October 1, 2023 through September 30, 2028).
Memo

To: Commissioners Deshmane, Grant and Murphy

From: Stephan Jilk

Date: February 23, 2021

Re: Approval of Resolution No. 787 – Amend the Policy for Employee Compensation for Administrative Employees

Requested Action: ADOPT RESOLUTION NO. 787 – A RESOLUTION OF THE BOARD OF COMMISSIONERS OF THE PUBLIC UTILITY DISTRICT NO. 1 OF WHATCOM COUNTY (“DISTRICT”) AMENDING THE POLICY FOR EMPLOYEE COMPENSATION FOR ADMINISTRATIVE EMPLOYEES FOR THE PURPOSES OF ADDING NEW POSITIONS AND SALARY RANGES FOR THOSE POSITIONS.

Background: This is a recommendation for the Commission to adopt a resolution amending the District’s Policy for Employee Compensation for Administrative Employees (Exhibit A). This policy provides guidelines for establishing a methodology for updating and setting salary ranges for all non-bargaining unit employee positions, establishing employee positions and job descriptions for all positions, and information on additional benefits and compensation as offered by the District.

Resolution No. 787 will update the following sections of the Policy for Employee Compensation for Administrative Employees:

1) Position Titles and Yearly Salary Ranges List.

I am proposing to add two new administrative staff positions. In response to the District’s Strategic Planning effort in terms of community broadband services and at the Commissions’ request, this is a proposal to add the position of Broadband Services Analyst. This position will focus on the District’s activities related to expanding access to high speed broadband services for public agencies, residents, and businesses within the greater Whatcom County community in a manner that facilitates accomplishment of the District’s strategic goals.

The second position is an Electric Utility Analyst: This position will assist the District’s Assistant General Manager in supporting District electric utility system planning and operations. This position will perform studies and analyses regarding integrated resource planning, power supply, transmission, wholesale rates, power and transmission cost estimating and after the fact reconciliation.
2) This is a recommendation for Commission approval of the recommended salary ranges for the two new positions. A set of proposed (and current) salary ranges is listed as Exhibit “B” in Resolution No. 787. The General Manager establishes individual salaries as he/she implements the Policy for Employee Compensation for Administrative Employees established and approved by the Commission.

3) The proposed job descriptions for “Broadband Services Analyst” and “Electric Utility Analyst” are listed as Exhibit “C”.

Amending the Policy, establishing the two new positions and setting the associated salary ranges for the new positions will allow the General Manager to fill these two positions.

**Fiscal Impact:** All actions taken by the General Manager to implement the Policy for Employee Compensation for Administrative Employees will be within the annual budget as approved by the Commission. These two positions are budgeted for in the 2021 budget.

**Recommended Action:** ADOPT RESOLUTION NO. 787 – A RESOLUTION OF THE BOARD OF COMMISSIONERS OF THE PUBLIC UTILITY DISTRICT NO. 1 OF WHATCOM COUNTY (“DISTRICT”) AMENDING THE POLICY FOR EMPLOYEE COMPENSATION FOR ADMINISTRATIVE EMPLOYEES FOR THE PURPOSES OF ADDING NEW POSITIONS OF BROADBAND SERVICES ANALYST AND ELECTRIC UTILITY ANALYST AND SALARY RANGES.
RESOLUTION NO. 787

A RESOLUTION OF THE BOARD OF COMMISSIONERS OF THE PUBLIC UTILITY DISTRICT NO. 1 OF WHATCOM COUNTY (“DISTRICT”) AMENDING THE POLICY FOR EMPLOYEE COMPENSATION FOR ADMINISTRATIVE EMPLOYEES FOR PURPOSES OF ADDING NEW JOB DESCRIPTIONS AND SALARY RANGES FOR THOSE DESCRIPTIONS

WHEREAS, RCW 54.12.090 authorizes the Board of Commissioners of the District (the “Commission”) to create positions and fix salaries; and

WHEREAS, the Commission finds it in the best interest of the District to annually review the policy for administering a compensation program “Policy for Employee Compensation of Administrative Employees” attached hereto as “Exhibit A” for the Administrative Employees (non-bargaining unit) of the District; and

WHEREAS, RCW 54.16.100 authorizes the General Manager to recommend to the Commission compensation of the Administrative Employees (non-bargaining unit), including salaries; and

WHEREAS, the General Manager has reviewed the organization of the District and the positions and salary ranges required to efficiently manage and achieve the goals of the District; and

NOW, THEREFORE, BE IT RESOLVED by the Commission of Public Utility District No. 1 of Whatcom County as follows:

I
The Policy for Employee Compensation for Administrative Employees of the Commission of the Public Utility District No.1 of Whatcom County attached hereto as Exhibit “A”, is amended for the purpose of adding two job descriptions/title positions and amending the annual salary ranges for the Administrative Employees of the District; and

II
The titles of all positions have been established and all position titles added to the Position Titles and Yearly Salary Ranges List for District Administrative Employees, attached hereto as Exhibit “B” (the “Salary Ranges List”). The positions of “Broadband Services Analyst” and “Electric Utility Analyst” have been added to the Position Titles List, and respective job descriptions are attached hereto as Exhibit “C”; and

III
The salary ranges for the positions of “Broadband Services Analyst” and “Electric Utility Analyst” are included and set forth in the attached Salary Ranges List for District Administrative Employees have been reviewed and established in accordance with the Policy for Employee Compensation for Administrative Employees; and

IV
Effective February 23, 2021, the position titles shown on the attached Salary Ranges List for District Administrative Employees are hereby authorized and classified in the salary range shown and supersede any previous lists.

ADOPTED by the Board of Commissioners of Public Utility District No. 1 of Whatcom County at a regular meeting thereof, held this 23 day of February 2021.

Public Utility District No. 1 of Whatcom County

Atul Deshmane, President/Commissioner

Michael Murphy, Vice President/Commissioner

Christine Grant, Secretary/Commissioner
Public Utility District Number 1 of Whatcom County

Policy for Employee Compensation of Administrative Employees

Purpose: This policy provides guidelines, responsibilities and authorities for the administration of the compensation for District Administrative (non-bargaining unit) Employees. This policy is subject to change, from time to time, by the Commission. This program is designed to promote, attract, and maintain a skilled workforce for the District.

The administration of this policy, where practicable, is to encourage career and professional development within the workforce. One of the goals of this policy is to reward increasing levels of responsibility and overall knowledge of the utility business. Demonstrated ability to incorporate the knowledge and experience to the benefit of the District will be a consideration in addressing compensation. To accomplish this, the District’s compensation program is designed to strive for the following:

1. **Encourage the recruitment, retention and motivation of qualified employees.** The District seeks to compensate employees consistent with industry wages and the local economy.

2. **Comply with Federal and State Laws and Equal Employment Opportunity standards.** The District compensates its employees in accordance with all applicable local, state and federal laws regarding race; color; religion; gender; marital status; national origin; citizenship status; age; sensory, mental or physical disability; disabled or Vietnam-era veteran, or any other status protected by law.

3. **Identify other employment/compensation benefits for District Administrative Employees.** The total measure of compensation will normally take into consideration all benefits enjoyed by employees inclusive of, but not limited to, salary, health insurance and benefits, personal leave, deferred compensation and retirement plans.

Requirements
This policy shall apply to District Administrative Employees under the direction and supervision of the General Manager. The General Manager is charged with the administration of this policy, but is not covered by this policy. The terms and conditions of employment for the General Manager are determined by Contract with the Board of Commissioners.

At Will Employment
Public Utility District No. 1 of Whatcom County retains the at will status for all District Administrative Employees. As such, the employment relationship can be terminated at any time, with or without cause, by the District or the employee. No District representative has the authority to enter into any agreement for employment for a specified period of time or make any representations or agreement contrary to at will employment unless specifically authorized in writing by the Board of Commissioners.

Salary Administration
The compensation of the District’s Administrative Employees is subject to availability of budgeted funds. As part of the annual budgeting process, the Commission will review and approve, at the Commission’s discretion, funds to be allocated for total compensation, which includes salaries, all other compensation related expenses, and all benefit plans (medical, dental, vacation, retirement, and personal leave).

Salary Range
The Commission will establish a salary range for each District Administrative Employee position in accordance with this policy. Each salary level will list the yearly salary range within which the salary paid must fall, except as otherwise provided herein.

Industry Salary Comparison
The salary range will be reviewed annually and may be adjusted by the Commission utilizing as a guide both the most applicable Consumer Price Index, the Washington Public Utility Districts Association’s
Salary, Wage and Benefit Survey, and the District’s Collective Bargaining Agreement wage schedule as reference. Internal equity is a factor to be considered by the District when assessing comparable levels of responsibility while addressing variations in local and regional labor markets.

The General Manager or his designee shall procure annually or at least every two years, salary schedules of equivalent jobs in utilities and other comparable industries to determine the appropriateness of the District’s salaries. Based on this review, and/or other factors such as cost of living and/or inflation, the General Manager will submit for approval a revised schedule of salary ranges to the Commissioners.

Salary Level
Each administrative job is placed in an existing salary level by evaluation of the job description. Normally, the level of salary compensation falls within a range for each position at the District. Placement within the range is subject to case-by-case analysis of the individual and factors including, but not limited to, level of experience, education, knowledge of job, knowledge of utility business, ability to efficiently perform duties and level of responsibility.

Each District Administrative Employee’s salary will be determined by the General Manager in conjunction with District lead managers/supervisors using the salary ranges set by the Commission.

Other Factors in Determining Salary Levels or Ranges
Proposed salary level or range placements which are contrary to the statement above made as a recognition of special skills, talents, accomplishments or circumstances brought to the job or as a result of special labor market conditions will be reviewed by the General Manager and/or designated staff. Several factors can determine the appropriate range. These include:

- Market conditions;
- The particular role;
- Education, professional training and/or certifications;
- Number of years relevant functional and/or industry experience;
- Number of staff previously supervised;
- Special abilities or national recognition; or
- Part-time and/or temporary employment salary level/salary ranges that do not include additional benefits such as District-covered health insurance, paid holidays, paid vacation and paid sick leave (other than required by law).

The General Manager shall have the flexibility of filling such positions which are already approved by the Commission to set salary levels or ranges that are not tied to an hourly rate.

Salary Adjustments
Changes within a range will normally occur on January 1 of each year or at other times deemed appropriate by the supervisor and approved by the General Manager. Salary increases of any nature are at the discretion of the District and no employee is entitled to any adjustment until approved by the General Manager.

Individual salary adjustments may occur throughout the year as appropriate for

- Cost of living adjustments;
- Increases for employees in new positions or entry level of the ranges;
- Change in responsibility or demonstrated competencies within the position;
- Change of position;
- Performance; or
- Other special circumstances as may occur.

Voluntary Transfer/Demotion
Voluntary transfers to a job with a lower salary level or demotions because of inadequate performance or other valid reasons may result in a salary reduction to a point within the new salary ranges.

Fair Labor Standards Act
It is the intent of the District to fully comply with applicable laws, including the Fair Labor Standards Act.
Each administrative position will be classified as exempt or non-exempt from overtime. Job descriptions will reflect the classification.

Personal Leave
Accrual rates and beginning balances for personal leave may be adjusted as determined by the General Manager within the limitations described below. Adjustments outside the following limitations require Commission review and prior approval. Adjustments within the following limitations are determined by the General Manager.

- The base pay for the individual must remain within the salary range;
- The adjustment for any individual in the budget year will be limited to 10%;
- The total adjustments for all subject employees within a budget year shall be limited to the annual budget approved by the Commission;
- Personal leave accrual rate up to the standard accrual rate based on years of relevant experience.

As new positions are created or substantively changed, salary ranges will be determined by the Commission. Job descriptions may be reviewed every two years or whenever significant changes occur to the duties or responsibilities of the position. New or updated job descriptions may be addressed when filling vacancies or promoting staff members.

Additional Benefits and Other Compensation:

Health Care
Exempt and Non-exempt employees will be provided with health care coverage consisting of medical, dental, vision and employee assistance programs. Specifics of these benefits may change from year to year. See the HR Administrator for additional information.

Vacation Benefits
Employees begin to accrue vacation benefits upon the date of hire. Once employees successfully complete their 90-day introductory period, they are eligible to begin to use accrued vacation time based on prorated benefit eligibility. For additional information, please see “Time Off and Benefits” in the Employee Handbook.

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Sick Leave Benefits
Employees shall receive a maximum of 12 days (96 hours) of paid sick leave per calendar year accrued at a rate of 8 hours per month. Sick leave benefits are based on prorated benefit eligibility. For additional information, please see “Time Off and Benefits” in the Employee Handbook.

Policy for Leave without Pay
If an employee requests time away from work, the employee may request leave without pay for up to 80 hours in a 12-month period. Requests for unpaid leave must be approved by the immediate supervisor and the General Manager. Upon approval by the General Manager, employees will not be required to use any accrued vacation and floaters before receiving unpaid leave. If approved by the General Manager, the employee’s health benefits can be maintained during the unpaid leave. However, vacation time, floating holidays and sick leave hours will not be accrued during the unpaid leave.

Floaters (in lieu of Holidays)
Employees shall receive a maximum of 12 days (96 hours) “floating” paid holidays per calendar year accrued at a rate of 8 hours per month based on prorated benefit eligibility. For additional information, please see “Time Off and Benefits” in the Employee Handbook.

Deferred Compensation Program
Employees covered by this policy may be eligible to participate in 401a or 457k deferred compensation program consistent with all state and federal regulations and receives District contribution in lieu of the District’s contribution to the Washington Public Employees Retirement System (PERS). Such benefit shall be set annually by the Commission and is currently set at 8.7% of the employee’s base salary.

Separation of Employment
District Administrative Employees: Since employment with the District is “at will”, both the employee and the District have the right to terminate employment at any time, with or without cause or advance notice, and without compensation except for time actually worked and accrued benefits, if any. Whether termination is voluntary or involuntary, employees will receive their final pay on the next regularly schedule payroll date following the employee’s last day worked.

1. Vacation and Floating Holidays: All accrued vacation and floating holiday leave benefits will be paid at one-hundred percent (100%) at time of termination.

2. Sick Leave Benefits: Any accrued sick leave benefits will be cashed out at the following schedule based on years of service:
   - Greater than 20 years – at fifty percent (50%) of the unused balance at time of termination
   - Sixteen to 20 years – at forty percent (40%) of the unused balance at time of termination
   - Less than 16 years – at twenty-five percent (25%) of the unused balance at time of termination

3. Death: If the employee dies while employed by the District, the employment is terminated immediately. Upon such termination, the employee will receive his/her final paycheck, plus all accrued but unused benefits as noted above in item 1; and, any accrued sick leave benefits will be cashed out at one hundred percent (100%) of the unused balance at time of termination due to death.

EFFECTIVE: February 23, 2021
PROPOSED Resolution No. 787; Feb. 23, 2021
Superseded Resolution Nos. 777, 761, 752, 744, 737, 734, 720, 716, 702, 695, 687, 675, 663, 550, 560.
## POSITION TITLES and YEARLY SALARY RANGES LIST

for

DISTRICT ADMINISTRATIVE EMPLOYEES

<table>
<thead>
<tr>
<th>Position Title</th>
<th>2021 Approved Range</th>
<th>2021 PROPOSED Range</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Low</td>
<td>High</td>
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<tr>
<td>Assistant General Manager</td>
<td>$125,000</td>
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<tr>
<td>Utility Operations - Director</td>
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<td>$120,000</td>
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<tr>
<td>Finance - Director</td>
<td>$95,000</td>
<td>$120,000</td>
</tr>
<tr>
<td>Electric System Supervisor**</td>
<td>$95,000</td>
<td>$110,000</td>
</tr>
<tr>
<td>Automation &amp; Technology - Manager</td>
<td>$90,000</td>
<td>$110,000</td>
</tr>
<tr>
<td>Substation Technician II*</td>
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<tr>
<td>Substation Technician I*</td>
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<tr>
<td>Contracts &amp; Regulatory Compliance - Manager</td>
<td>$75,000</td>
<td>$95,000</td>
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<tr>
<td>New Broadband Services Analyst</td>
<td>New</td>
<td>$75,000</td>
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<tr>
<td>New Electric Utility Analyst</td>
<td>New</td>
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<tr>
<td>Executive Assistant</td>
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<td>$78,000</td>
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<tr>
<td>Project Manager</td>
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<td>$85,000</td>
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<tr>
<td>IT/SCADA Tech (M) 2020 Approved: $65,000 - $78,000</td>
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<tr>
<td>IT/SCADA Tech (P)</td>
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<tr>
<td>Accountant I</td>
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<td>$60,000</td>
</tr>
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</table>

**OPEN POSITIONS**

- Manager - Construction & Facilities
- Assistant Finance Director
- Process and Control Engineer
- Water System Supervisor

* Substation Technician (I and II) are hourly paid positions. Salary range is stated in annualized hours (2,080) hours without overtime or special pay.

** Electric System Supervisor is a hourly paid positions. Salary range is stated in annualized hours (2,080) hours without overtime or special pay.
### PUBLIC UTILITY DISTRICT NO. 1 of Whatcom County

<table>
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<tr>
<td>Reports To:</td>
<td>Assistant General Manager</td>
<td>Status:</td>
<td>Exempt</td>
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<tr>
<td>Salary Range:</td>
<td>$75,000 to $95,000</td>
<td>Position Type:</td>
<td>FTE</td>
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**SUMMARY**

Assist the District’s Assistant General Manager in supporting the District’s Community Services group’s activities related to expanding access to high speed broadband services for public agencies, residents, and businesses within the greater Whatcom County community in a manner that facilitates accomplishment of the District’s strategic goals.

**Supervision Received:**

Perform duties under the general supervision of the District’s Assistant General Manager.

**Supervision Provided:**

No supervisory responsibilities currently.

**Essential Duties and Responsibilities:**

- Assist in the design, development, and pricing of District wholesale services provided to retail telecommunications service providers and other entities.
- Assist in the development of business plans, staffing plans, policies, procedures related to the provision of existing and new telecommunications services by the District.
- Develop and implement pilot projects to test the District’s ability to deliver new telecommunications services.
- Develop relationships with other public agencies and governmental bodies within Whatcom County for the purpose of facilitating high speed broadband communications deployment through joint efforts: staffing, cost sharing, project funding, etc.
- Develop and conduct studies to determine areas of the County which are either not served or underserved with respect to access to high speed broadband services.
- Prepare applications for funding in response to County, State, and Federal Request for Proposals for grants and loans related to telecommunications studies and facilities.
- Participate in District Commission meetings and workshops and conduct presentations for Commissioners, customers and the general public, as directed.
- Assist in developing, implementing, and managing strategic initiatives related to telecommunications services, consistent with the District’s Strategic Plan.
- Responsible for special projects, as assigned by Assistant General Manager, including team inter-departmental projects.
- Must be available to work non-routine and emergency shifts including nights, weekends, holidays and other periods, as required during District emergency operations events.
- Perform other duties as assigned by the Assistant General Manager.

**Qualifications:**

To perform this job successfully, an individual must be able to perform each essential duty as defined by the District. Ability to develop creative solutions that involve policy complexity and various stakeholders. The requirements listed both above and below are representative of the knowledge, skill, and/or ability that the Community Broadband Analyst must possess to adequately perform their responsibilities. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Education and/or Experience**

Bachelor’s degree (B.S., B.A.) in a science, technology, engineering, telecommunications, computer networking, information technology, or related field obtained from a college or university is a minimum requirement. Equivalent combination of education and experience directly related to or including the requirements and duties as outlined above may be considered. Experience working for a municipal government or utility fiber network division or private telecommunications provider developing fiber network infrastructure would be considered relevant experience. Enthusiasm for making broadband service more accessible, and equitable in Whatcom County.

**Language Skills:**

- Ability to read, analyze, and interpret general business, scientific and technical journals, technical procedures, legal documents, survey descriptions, maps, and governmental regulations.
- Fluent in the English language with the ability to communicate clear and concise written and verbal instructions and information to coworkers, customers and others.
- Ability to write routine reports and correspondence as well as speak effectively while working with District customers, staff or supervising contractors.

- Ability to effectively prepare and present general and technical information and respond to general and technical questions from the General Manager, Commission, employees, customers, governmental agencies, vendors, and the public.

- Ability to meet and work with the public effectively and courteously, when required.

### Mathematical Skills:

Ability to work with and understand mathematical and financial concepts such as probability and statistical inference and the ability to apply other mathematical concepts such as fractions, percentages, ratios, and proportions to solve and/or prepare solutions for the improvement of the District’s operations.

### Reasoning Ability:

- Ability to define problems, collect data, establish facts, and draw valid conclusions.

- Ability to interpret an extensive variety of technical instructions in mathematical and financial analyses.

### Other Skills and Abilities:

- Knowledge of equipment, facilities, materials, methods, and procedures used in deploying.

- Proficient in a variety of computer software including but not limited to MS Office and Internet browsers.

### Certificates, Licenses, Registrations:

- Must possess a valid Washington State Driver’s License with driving record free from serious or frequent violation.

- Must be able to obtain security and safety clearances required to gain access into Whatcom PUD’s customer facilities and electric substations, i.e. Transportation Worker Identification Credential (TWIC).

### Physical Demands

The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions required by this position.

While performing the duties of this job, the employee is regularly required to use hands and fingers to handle, feel or operate objects, tools, or controls and reach with hands and arms. The employee is frequently required to stand, talk and hear. The employee is occasionally required to walk, sit, climb, balance, stoop, kneel, crouch, crawl and/or smell.

Specific vision abilities required by this job include close visions, distance vision, color vision, peripheral vision, depth perception and the ability to adjust focus.

### Work Environment

The work environment characteristics described herein are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions required by this position.

While performing the duties of this job, the employee occasionally works in outside weather conditions, works near moving mechanical parts and is occasionally exposed to wet and/or humid conditions and vibrations. The employee occasionally works in high, precarious places and is occasionally exposed to fumes, dust or airborne particles, toxic or caustic chemicals and the risk of electrical shock.

The noise level in the work environment is usually loud in plant or field settings and moderately quiet in office settings.

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**Reviewed By:** Stephan Jilk, General Manager  
**Date:** February 23, 2021

**Approved By:** COMMISSION – Resolution No. _____  
**Date:**
PUBLIC UTILITY DISTRICT NO. 1 OF WHATCOM COUNTY

**Job Title:** Electric Utility Analyst  
**Department:** Administration  
**Reports To:** Assistant General Manager  
**Status:** Exempt  
**Salary Range:** $75,000 - $115,000  
**Position Type:** FTE

**SUMMARY**

Assist the District’s Assistant General Manager in supporting District electric utility system planning and operations in a manner that facilitates accomplishment of the District’s strategic goals.

**Supervision Received:**

Perform duties under the general supervision of the District’s Assistant General Manager.

**Supervision Provided:**

No supervisory responsibilities.

**Essential Duties and Responsibilities:**

- Perform studies and analyses regarding integrated resource planning, power supply, transmission, wholesale rates, power and transmission cost estimating and after the fact reconciliation.
- Evaluate, revise and update load and/or generation forecasts as required.
- Prepare and/or assist in the preparation of periodic statistical reports and analysis on power and transmission use and costs.
- Maintain data bases on District electric system power, transmission capacity and ancillary services contract purchases.
- Coordinate with customers on end-use generation projects, including renewable energy alternatives.
- Manage special projects and specific District initiatives, as directed by Assistant General Manager.
- Perform complex professional analytical work related to planning, evaluating, procuring, administering, and managing the risks associated with the District’s energy resources.
- Assist in the development and implementation of complex preventative, detective, and compensating electric regulatory compliance controls and best practices for electric utility operations.
- Participate in District Commission meetings and workshops and conduct presentations for Commissioners, customers and the general public, as directed.
- Assist in developing, implementing, and managing strategic initiatives related to electric utility operations, consistent with the District Commission’s Strategic Plan.
- Responsible for special projects, as assigned by Assistant General Manager, including team inter-departmental projects.
- Must be available to work non-routine and emergency shifts including nights, weekends, holidays and other periods, as required during District emergency operations events.
- Perform other duties as assigned by the Assistant General Manager.

**Qualifications:**

To perform this job successfully, an individual must be able to perform each essential duty as defined by the District. The individual must have the desire and ability to develop creative solutions in situations that involve policy complexity and various stakeholders. An enthusiasm for continuing to procure and develop clean energy due to the Districts obligations under CETA and District strategic objectives. The requirements listed both above and below are representative of the knowledge, skill, and/or ability that the Electric System Analyst must possess to adequately perform their responsibilities. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
### Education and/or Experience

Bachelor's degree (B.S., B.A.) in a science, technology, engineering, mathematics or related field obtained from a college or university is a minimum requirement. Equivalent combination of education and experience directly related to or including the requirements and duties as outlined above may be considered. Experience working in a regulatory compliance, auditing, cyber security, or power management capacity would be considered relevant experience.

### Language Skills:

Ability to read, analyze, and interpret general business, scientific and technical journals, technical procedures, legal documents, survey descriptions, maps, and governmental regulations.

Fluent in the English language with the ability to communicate clear and concise written and verbal instructions and information to coworkers, customers and others.

Ability to write routine reports and correspondence as well as speak effectively while working with District customers, staff or supervising contractors.

Ability to effectively prepare and present general and technical information and respond to general and technical questions from the General Manager, Commission, employees, customers, governmental agencies, vendors, and the public.

Ability to meet and work with the public effectively and courteously, when required.

### Mathematical Skills:

Ability to work with and understand mathematical and financial concepts such as probability and statistical inference and the ability to apply other mathematical concepts such as fractions, percentages, ratios, and proportions to solve and/or prepare solutions for the improvement of the District’s operations.

### Reasoning Ability:

Ability to define problems, collect data, establish facts, and draw valid conclusions.

Ability to interpret an extensive variety of technical instructions in mathematical and financial analyses.

### Other Skills and Abilities:

Knowledge of equipment, facilities, materials, methods, and procedures used in electric utility system operations and maintenance.

Proficient in a variety of computer software including but not limited to MS Office and Internet browsers.

### Certificates, Licenses, Registrations:

Must possess a valid Washington State Driver’s License with driving record free from serious or frequent violation.

Must be able to obtain security and safety clearances required to gain access into Whatcom PUD’s customer facilities and electric substations, i.e. Transportation Worker Identification Credential (TWIC).

### Physical Demands

The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions required by this position.

While performing the duties of this job, the employee is regularly required to use hands and fingers to handle, feel or operate objects, tools, or controls and reach with hands and arms. The employee is frequently required to stand, talk and hear. The employee is occasionally required to walk, sit, climb, balance, stoop, kneel, crouch, crawl and/or smell.

Specific vision abilities required by this job include close visions, distance vision, color vision, peripheral vision, depth perception and the ability to adjust focus.
Work Environment

The work environment characteristics described herein are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions required by this position.

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The noise level in the work environment is usually loud in plant or field settings and moderately quiet in office settings.

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<td>COMMISSION – Resolution No.</td>
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PUBLIC UTILITY DISTRICT NO. 1 of Whatcom County

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</tr>
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**SUMMARY**

Assist the District’s Assistant General Manager in supporting the District’s Community Services group’s activities related to expanding access to high speed broadband services for public agencies, residents, and businesses within the greater Whatcom County community in a manner that facilitates accomplishment of the District’s strategic goals.

**Supervision Received:**

Perform duties under the general supervision of the District’s Assistant General Manager.

**Supervision Provided:**

No supervisory responsibilities currently.

**Essential Duties and Responsibilities:**

- Assist the design, development, and pricing of District wholesale services provided to retail telecommunications service providers and other entities.
- Assist in the development of business plans, staffing plans, policies, procedures related to the provision of existing and new telecommunications services by the District.
- Develop and implement pilot projects to test the District’s ability to deliver new telecommunications services.
- Develop relationships with other public agencies and governmental bodies within Whatcom County for the purpose of facilitating high speed broadband communications deployment through joint efforts: staffing, cost sharing, project funding, etc.
- Develop and conduct studies to determine areas of the County which are either not served or underserved with respect to access to high speed broadband services.
- Prepare applications for funding in response to County, State, and Federal Request for Proposals for grants and loans related to telecommunications studies and facilities.
- Participate in District Commission meetings and workshops and conduct presentations for Commissioners, customers and the general public, as directed.
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- Responsible for special projects, as assigned by Assistant General Manager, including team inter-departmental projects.
- Must be available to work non-routine and emergency shifts including nights, weekends, holidays and other periods, as required during District emergency operations events.
- Perform other duties as assigned by the Assistant General Manager.

**Qualifications:**

To perform this job successfully, an individual must be able to perform each essential duty as defined by the District. Ability to develop creative solutions that involve policy complexity and various stakeholders. The requirements listed both above and below are representative of the knowledge, skill, and/or ability that the Community Broadband Analyst must possess to adequately perform their responsibilities. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
Education and/or Experience

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Language Skills:

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- Ability to effectively prepare and present general and technical information and respond to general and technical questions from the General Manager, Commission, employees, customers, governmental agencies, vendors, and the public.
- Ability to meet and work with the public effectively and courteously, when required.

Mathematical Skills:

Ability to work with and understand mathematical and financial concepts such as probability and statistical inference and the ability to apply other mathematical concepts such as fractions, percentages, ratios, and proportions to solve and/or prepare solutions for the improvement of the District’s operations.

Reasoning Ability:

- Ability to define problems, collect data, establish facts, and draw valid conclusions.
- Ability to interpret an extensive variety of technical instructions in mathematical and financial analyses.

Other Skills and Abilities:

- Knowledge of equipment, facilities, materials, methods, and procedures used in deploying
- Proficient in a variety of computer software including but not limited to MS Office and Internet browsers.

Certificates, Licenses, Registrations:

- Must possess a valid Washington State Driver’s License with driving record free from serious or frequent violation.
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**PUBLIC UTILITY DISTRICT NO. 1 of Whatcom County**

| Job Title: | Electric Utility Analyst | Department: | Administration |
| Reports To: | Assistant General Manager | Status: | Exempt |
| Salary Range: | $75,000 - $115,000 | Position Type: | FTE |

**SUMMARY**

Assist the District’s Assistant General Manager in supporting District electric utility system planning and operations in a manner that facilitates accomplishment of the District’s strategic goals.

**SupervisionReceived:**

Perform duties under the general supervision of the District’s Assistant General Manager.

**Supervision Provided:**

No supervisory responsibilities.

**Essential Duties and Responsibilities:**

- Perform studies and analyses regarding integrated resource planning, power supply, transmission, wholesale rates, power and transmission cost estimating and after the fact reconciliation.
- Evaluate, revise and update load and/or generation forecasts as required.
- Prepare and/or assist in the preparation of periodic statistical reports and analysis on power and transmission use and costs.
- Maintain databases on District electric system power, transmission capacity and ancillary services contract purchases.
- Coordinate with customers on end-use generation projects, including renewable energy alternatives.
- Manage special projects and specific District initiatives, as directed by Assistant General Manager.
- Perform complex professional analytical work related to planning, evaluating, procuring, administering, and managing the risks associated with the District’s energy resources.
- Assist in the development and implementation of complex preventative, detective, and compensating electric regulatory compliance controls and best practices for electric utility operations.
- Participate in District Commission meetings and workshops and conduct presentations for Commissioners, customers and the general public, as directed.
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**Qualifications:**

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- Ability to meet and work with the public effectively and courteously, when required.

### Mathematical Skills:

Ability to work with and understand mathematical and financial concepts such as probability and statistical inference and the ability to apply other mathematical concepts such as fractions, percentages, ratios, and proportions to solve and/or prepare solutions for the improvement of the District’s operations.

### Reasoning Ability:

- Ability to define problems, collect data, establish facts, and draw valid conclusions.
- Ability to interpret an extensive variety of technical instructions in mathematical and financial analyses.

### Other Skills and Abilities:

- Knowledge of equipment, facilities, materials, methods, and procedures used in electric utility system operations and maintenance.
- Proficient in a variety of computer software including but not limited to MS Office and Internet browsers.

### Certificates, Licenses, Registrations:

- Must possess a valid Washington State Driver’s License with driving record free from serious or frequent violation.
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Specific vision abilities required by this job include close visions, distance vision, color vision, peripheral vision, depth perception and the ability to adjust focus.
**Work Environment**

The work environment characteristics described herein are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions required by this position.

While performing the duties of this job, the employee occasionally works in outside weather conditions, works near moving mechanical parts and is occasionally exposed to wet and/or humid conditions and vibrations. The employee occasionally works in high, precarious places and is occasionally exposed to fumes, dust or airborne particles, toxic or caustic chemicals and the risk of electrical shock.

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Water Rights Funding - Nooksack & Upper Columbia

(X) $463,000 of the general fund-state appropriation for fiscal year 2022 and $537,000 of the general fund-state appropriation for fiscal year 2023 are provided for work in the Nooksack (water resource inventory area 1) and lake Roosevelt and middle tributaries (water resource inventory area 58) watersheds regarding legal, scientific, and technical work to support either water right pre-adjudication or negotiated agreements. The department will not file any water rights adjudications during the 2022 or 2023 fiscal years. By December 1, 2023, the department and affected counties shall submit a joint report to the appropriate standing committees of the legislature on its use of funding under this section; the extent of local and statewide support for water right adjudications or negotiations in those two watersheds; the extent to which adjudications would provide cost-effective and timely restoration of anadromous or resident fish populations in those watersheds; and the extent to which water rights under state law may be impaired by federal law water rights, including tribal rights that may be claimed in an adjudication.

(X) $200,000 of the general fund-state appropriations for fiscal year 2022 and $200,000 of the general fund-state appropriation for fiscal year 2023 are provided for Whatcom county to support a collaborative process among state water right holders, local governments, and Indian tribes in the Nooksack (water resources inventory area 1) watershed. Funding is provided for facilitation and mediation among parties, development of planning and technical information, and assessment of local solutions.