

## Meeting No. 6 – February 1, 2017

### NOTES & ACTION ITEMS

#### Bavarian (Leavenworth) Substation Community Focus Group

**Attendees:** Elmer Larsen, Tom Keziah, Nathan Pate, Scott Bradshaw, Jordan McDevitt, *Chad Rissman, Meaghan Connell, Becky Jaspers, Jim Caldwell, Gary Rice, Shaun Seaman*

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#### 1. Welcome and review meeting purpose and desired outcomes

- Shaun welcomed everyone to the meeting and reviewed the meeting purpose and the desired outcomes.

#### 2. Review of what has happened since November 2016

- A community meeting was held on November 2 to update the community of the consultant's work to date.
- Daniel, and Andy met with a customer in the Alpansee Strausse neighborhood to discuss the new substation and do an EMF reading around the current substation.
- The PUD was notified from the property owner of site 3 stating that they were happy to let the PUD continue to do the analysis on the property but that they were not interested in selling at this time. It was determined since there was not a willing seller the analysis for that property would not continue. The group discussed the loss of site 3. It was noted by the focus group that site 3 was the only location on the west end of town that was to be evaluated and that it offered an interesting comparison. Chad said that site 3 was a good option electrically but the sites that were being evaluated currently still fit the identified criteria and will still meet the needs of the Leavenworth community.
- The PUD was contacted about an additional property in Area 14. The focus group was notified of the updates and the focus group agreed to move forward with the analysis of the site. Residents in the vicinity of Area 14 received a letter notifying them that further analysis would be conducted and Shaun reached out individually to those closest in proximity to the possible site. A constant contact was also sent out with an update on site 3, the addition of area 14, and the general timeline.
- In January the consultant's site analysis was completed.

#### 3. Presentation on consultant's analysis

- Site 8a:
  - Transmission more straight forward than 9, new steel poles and distribution underground to Titus and Chumstick.
  - High earthwork risk. May end up with large rocks that will increase cost.
  - In order to fit within property boundaries will need to build on a slope.
- Site 14:
  - Similar to site 8a, transmission more straight forward than 9, new steel poles and distribution under-build to Chumstick. Underground distribution to Titus.
  - Pushback on double circuit
  - Distribution to Titus
  - It was recommended by a member of the focus group to do underground distribution to Chumstick and to add extra conduit for future needs.
  - There might be pushback with the community due to the placement of the substation within Area 14 and how that would impact a future housing development with the substation in the middle of the property. A sewer has been extended to the property with the understanding that this land will be developed. Residents want an open field or affordable housing. Would we be taking this away with the current placement of the proposed substation? It was suggested to push the substation closer to the new proposed connector road location at the base of Rattlesnake Hill so homes are not around it; move to the south as much as possible.
  - Asked to have a layout that included the road.
- Site 9:
  - For the transmission, can use what is coming in (existing). There will need to be a "ring bus" built to accomplish what is needed at the site, which would be expensive and complicate future operation. It was not known when site 9 was selected that a ring bus would be necessary.
  - Gary noted that the layout did not include the ring bus which would make the substation more congested.
  - There would be additional stranded capacity with this option (not good for future growth)
  - Higher distribution cost
  - A member of the focus group expressed that site 9 did not make sense and they did not think it should even be considered. "We want expandability and reliability." Chad said that there would not be any new transmission which would be a disadvantage. This option is like having "one road in and one road out; it works great until there is an issue" If more energy is going to be consumed in the future it would be beneficial to have additional real estate. 8a and 14 are set up to serve additional residents.
  - The focus group asked about area 10 since there was not a concern with aesthetics in this area. Area 10 is a good size, distribution would be higher than sites 8a or 14. A comment was made that it would be good to not have the substation or transmission lines visible. A focus group member thought site 10 was too close to site 9 and there was value in separating the substations, building capacity, and adding redundancy. It was noted that area 10 was zoned for light industrial land and having a substation there could decrease economic possibilities for Leavenworth. It was noted that 8a and 14 may cut into affordable housing prospects. It was noted by a focus group member that 8a and 14 could easily supply a heavy load.

#### 4. Community meeting

- Shaun discussed the upcoming 13 February community meeting. The purpose of the community meeting would be to provide the consultant's analysis and to hear feedback and input from the community. There will be a public comment period from February 2 March 2.

#### 5. Next steps and timeline

- Next steps
  - Enlarge area 14 on map.
  - Area 14: Have the layout include the road.
  - Break costs out more, break out ring bus, split property cost from earthwork.
  - Compare pros and cons of each site; note that the additional load will be in the Ski Hill area, outline cost to get to Titus and stress the advantages of this.
  - Provide examples of what we have done at other substations or PUD facilities to address aesthetics and neighborhood feedback
- Timeline
  - Feb. 13 community meeting
  - An update to the City Council on Feb. 28
  - Public comment period February 2 through March 2
  - Presentation to PUD Commission for Leavenworth and Chelan on March 6