

## Questions about McNeil Generating Station: (Barlow in Black, Bergman in Blue)

Who would we ask these of? When would we ask? My thought is that we'd ask "both" sides and solicit new or alternative questions and names of people who can answer them in this prep period.

1. What are the annual GHG emissions from McNeil?

- a. Is this a straightforward question?
- b. How are emissions calculated?
- c. What are other relevant considerations when asking this question?

I think this question may be broadened to the emissions related to the operation of McNeil. This involves the forestry practices and impacts of harvesting on storage and sequestration and we should get an assessment of this too.

2. What fuels can be burned at McNeil?

- a. If burning fuel other than wood is possible, how would that change the GHG emissions from McNeil?

This question I think needs broadening to ask in what amounts and what changes in equipment would be needed, and the investment that would take, to incorporate a change in fuel mixes. There is a new solar demonstration project associated with the plant and the question is also what new solar development in the area around the plant is feasible and at what cost? This is about power generation associated with the plant, not just fuel burning there. For example, I think that given the connection of transmission lines to the old dump for the now-defunct methane to power facility, the potential for solar on that site should be included. We should ask if there may be other areas near/next to the plant where solar can be scaled up and what the cost of this would be and the efficiency/amount of power generated and when. And are we looking at storage of solar generated in the day for use in the evening and night?

3. What is annual electricity generation from McNeil?

- a. What is maximum electricity generation?
- b. If not running at maximum, why not?

This could be supplemented by asking for the metrics related to the role of the plant in supplying power to the grid. This would get at not only how much but when the power is generated and needed.

4. Without McNeil, where would replacement electricity come from?
  - a. What would be the net change in GHG emissions?
  - b. What would be the net change in electricity cost to BED customers?

This question(s) looks ok.

5. How will the proposed district energy project offset current energy use by partner institutions?
  - a. Can you calculate any net GHG emissions offset created by this project?
  - b. Are there benefits from this project for other non-district energy customers?

We need to supplement these questions by asking how much more wood will be burned as a result.

6. What is the estimated remaining life of McNeil?
  - a. Can this be extended?
  - b. If it can be extended, what would be the cost?

I think the direct question is what district heating will do to the life of the plant.