



## Extension of 5<sup>th</sup> External TAG Meeting

**Date & time:** 01/10/2018, 10:00 AM – 11:00 AM

**Location:** CNGC Kennewick GO

**Presenters:** JP Batmale & Deborah Glosser – OPUC, Brian Robertson & team - CNGC

**In attendance:** Brian Robertson, Devin McGreal, Ashton Davis, Carolyn Stone, Isaac Myhrum, Mike Clapp

**Called in:** Garret Senger, Allison Spector, Teresa Hagins, Bruce Folsom, Deborah Glosser, JP Batmale, Andy Hudson-ETO, Spencer Moersfelder-ETO, Amanda Sargent, Jay Story-GTN, Brian Cunnington

**Minutes by:** Carolyn P Stone

Brian Robertson began the meeting with introductions. He explained that the meeting was an extension of the 5<sup>th</sup> External TAG meeting to review and discuss comments from Staff on the IRP, specifically addressing **Section 6**. Brian stated that if the ETO (Energy Trust Oregon) had any questions or there were questions from Staff we could go over those at this meeting.

### Section 6 - Demand Side Management and Environmental Policy

- Andy from ETO said that they sent over comments from Staff and that Staff wanted a discussion between Cascade and the ETO.
- Andy mentioned that the ETO would like to have a better understanding and coordination with CNG.

#### Question 1 discussion – Savings Projection

- JP started out the discussion regarding why the savings projection was higher in this IRP than in the 2014 IRP? There are 4 reasons shown in the new IRP and Staff wanted confirmation of those reasons and to know why more savings in 2014.
  - Spencer stated that the “Cost Effective Override” (CEO) was used in the current IRP.
- JP asked what % of cost savings comes from using the CEO?
  - Spencer stated that 50 – 52% of the cost savings are due to the use of the CEO. 25% came from measures that have exceptions from Staff, tank water heaters & insulation, ex. 4 pathways for EP’s and 4 iterations within those pathways.

**Question:** Andy asked if the CEO for savings was over 20 years?

**Answer:** Spender said “yes” for a full 20 years!

- Andy asked if there were other questions and Alison asked if we were approached by other utilities. Spencer said “yes”.
- Brian Robertson said there were no questions from the Kennewick GO on that.

## Question 2 discussion - Environmental Policies

- It was stated that environmental policies are “off the table” at this time.

## Question 3 discussion – Emerging Technologies

- JP said that they are 1% of energy cost compliance.
- Over time, they will be cost effective.
- Avoided costs will be changing over time – additions & assumptions will be cost effective.
- JP asked if there were any more thoughts?
- Allison said she has discussed the ETO already, but if there are more questions, she encouraged us to ask!

## Question 4 discussion – How the forecast has seasonality integrated into savings

- Andy stated that CNG provided them with the avoided cost value reference price of gas, transport and storage. They then take the load shapes and look at the end use (ex: residential furnace operations during winter causes price of gas to increase) and multiply the fraction of load therms per month by the price differential per month. Hot water heating has a slightly different value than furnaces.

**Question:** JP asked if both parties could speak to the coordination and timing of the forecast...when the project is updated and the progress of it?

**Answer:** Allison stated that the coordination effort is strong, “phenomenal” with ETO in developing of this section. She said there was lots of lead time, sharing our stats and outcomes back and forth. They took information to the IRP Planning Team then pulled all of it into a narrative working closely together! The finite numbers went to ETO and back with lots of coordination and lead time. There was time to review and coordinate on all sides. Mark also said that since they started the OPUC IRP process the cooperation has been good and we have a very good process!

Andy stated he agreed with this and said that first there was a kick-off meeting, then CNG provided the avoided cost calculation at a more generalized level. He said there was extra work needed on the load and stack forecast before ETO did their work. CNG did a nice job putting the forecast together based on SIC codes! We had workshops on our process and additional meetings with the CNG team. We all shared more and went deeper with the processes which gave a really good outcome!

**Question:** JP asked when the project was finalized?

**Answer:** Andy answered “July”. Mark asked Brian Robertson if that was correct. Brian said that July does sound correct. Devin added that it was exactly July 21<sup>st</sup>.

**Question:** JP asked if the group has talked about the next DSM updates – will they be in 2 years, i.e. July 2019?

**Answer:** Spencer stated that is about the right timeframe to do a 20-year forecast. It is a 2-year cycle.

**Question:** JP asked what the review process is for the final numbers?

**Answer:** Allison stated that there is a Preliminary Review that is shared with CNG. Then they give numbers to CNG and talk through it as well as hold meetings, so they understand it. There was a lot of dialogue so everyone would be on the same page!

**Question:** JP asked Mark if that was a good explanation?

**Answer:** Mark said it was a good explanation of what our internal process is. Brian explained that they take the DSM numbers and put them into the daily numbers, then put that into Sendout and treat it as "free supply" which decrements demand. We look at the DSM #'s anomalies after the Sendout runs.

**Question:** Deb asked what anomalies?

**Answer:** Brian and Devin stated errors, glitches, and correct units.

**Question:** Deb asked what errors were noted?

**Answer:** Devin said nothing jumped out whatsoever, it was "spot on"!

### **Question 5 discussion – Fuel Switching**

- JP stated that OPUC would like to retract the comment on Fuel Switching.
- Brian said "OK".

JP said, "That's it for us"!

Brian asked if there were any further questions from ETO or Allison?

Spencer said all OK and Allison said she appreciated the time and discussion!

Mark said he appreciated Staff's flexibility in breaking up the comments sessions and Allison said she appreciated the coordination of the meeting.

Bruce said it was good discussion!

Garret thanked everyone and agreed it was good discussion.

Mark asked his team if there were any other questions at this time. Brian replied, "nothing right now".

JP thanked everyone who called in and thanked the CNG team. He is waiting for a copy of the document, but said "no rush".

Devin asked for clarification on the location and the time of the Avoided Cost Allocation Meeting.

JP replied that the location will be Portland but will get back to the group on the time.