#### Meeting held: 9:00 am – 12:00 pm--Meeting Recording available to supplement notes

Microsoft Teams meeting

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[+1 509-505-0479,,944952616#](tel:+15095050479,,30360047# ) United States, Spokane

Phone Conference ID: 944 952 616#

#### 

#### Attendees:

|  |  |  |  |
| --- | --- | --- | --- |
| **CNGC** | **CNGC – Continued** | **NEEA** | **Guests** |
| Monica Cowlishaw | Ted McCammant | Peter Christeleit | Gil Peach |
| Mike Parvinen | Stephanie Reed |  | Aaron Savatti-EnergyX |
| Kary Burin | Caleb Reimer | **WUTC** | Alex Corneglio-EnergyX |
| Desiree Bickmore | Lexie Bright | Jade Jarvis |  |
| Jocelyne Moore |  |  |  |
| Pardeep Kaur | **TRC** | **NEEA** | **Public Council** |
| Jon Storvick | Bradey Day | Peter Christeleit | Cory Dahl |
| Taylor Mead |  |  |  |
| Sheila McElhinney | **NWEC** | **Dept. of Commerce** | **The Energy Project** |
| Brian Robertson | Amy Wheeless | Liz Reichart | N/A |

*The meeting will be recorded to capture all discussions and will be distributed to CNGC/CAG members*

*\*\* Time stamp for each agenda item is located beside the topic header below in this format HH:MM:SS*

***The Agenda and the Charts and Graphs are embedded below:***

*** ***

### Safety Moment - *led by Desiree Bickmore - 0:01:12*

* October Safety Tips.

### Roll Call & Review Q3 meeting notes - *led by Monica - 0:03:28*

**Action Items: None**

**Decisions Made: None**

**Noted Discussion:**

* Completed roll call.
* Monica included link for past meeting notes on our website in the agenda.

### Quarterly Portfolio update - *led by Monica Cowlishaw & Bradey Day - 0:13:45*

### 

### Commercial Highlights through Q3 2022 *- 00:15:40*

**Action Items:**  **None**

**Decisions Made: None**

**Noted Discussion:**

* Summary provided by Bradey on Commercial/Industrial Program. (*See Charts, Graphs, and Miscellaneous, pgs 1-3*)
* Q4 is expected to be strongest quarter this year.
* Not anticipating reaching goal. Monica asked Jade Jarvis and Amy Wheeless for some context on how this is affecting the region or commission. Responses below:
  + Jade - Cascade is not alone; forecast is below goal for all programs right now
  + Jade - Talking about it quite a bit at the Commission
  + Amy – Unable to offer much insight at this time.
* Monica requested TRC track Key Performance Indicators (KPI).
* Community outreach continued efforts to reach lower engagement communities with an ongoing streaming campaign with both English and Spanish spots. Bill inserts and ad provided. (*See Charts, Graphs, and Miscellaneous, pg 4*)
  + Continues to meet with excellent success with a higher-than-average listen-through rate (LTR) than the industry standard.
* Discussed Biennial Forecast & Recovery Plan to get the program back on track. (*See Charts, Graphs, and Miscellaneous, pg 5*)
* Program staff shifted its business development strategy to more in-person visits partway through Q3, with the goal of more in-person outreach leading to a significant uptick in projects.

### Residential Highlights and Activity through Q3 2022 *- 0:36:43*

**Action Items:**  **Per Amy Wheeless request, send the CAG the Point of Sale handout being used by door-to-door insulation vendors**

**Decisions Made: None**

**Noted Discussion:**

* Summary provided by Monica on:
  + 2022 H1 Progress to Goal *See Charts, Graphs, and Miscellaneous, pg 6)*
  + Residential Therms Achieved by Month – 2022. (*See Charts, Graphs, and Miscellaneous, pg 7*)
  + Residential Monthly Application Receipts Trend. (*See Charts, Graphs, and Miscellaneous, pg 8*)
  + Point-of-Sale Applications Submitted Per Month 2019-2022. (*See Charts, Graphs, and Miscellaneous, pg 9*)
* The CNGC residential team paid **800** rebate applications saving **74,857** therms.
* There are 157 applications in the working queue.
* Q3 CY22 the Residential team received 802 applications which is **16.9%** higher than the 3-year average for Q3. The program has received 2,630 applications so far in 2022 with a week left in September. An **11.1%** increase in applications compared to the 3-year average of 2339.
* Slight increase in overall submission rates compared to 2021.
  + Increase may be due to the focus on improvements to smaller units of the program, such as:
    - Point-of-Sale program
    - The Public User Experience (PUX) portal
* Forecasting to reach 90% of residential goal by year end.
* Average therm savings per application continue to decline through the year.
  + Likely impacted by the overall reduced builder engagement. This may shift in Q4 as the heating season starts
  + The introduction of new measures likely contributed
* The Public User Experience (PUX) portal continues to facilitate submission rate growth of online applications.
  + There has been 451 PUX apps successfully submitted compared to 368 apps over the same period in 2021
* The CNGC Trade Ally Point-of-Sale (POS) rebate program has seen remarkable growth this year under the stewardship of Stephanie Reed, Energy Efficiency Support Specialist.
  + The Residential program has received 330 POS rebate applications so far in 2022, 108 applications higher than the previous year total of 222 through September 2021.
  + Per Kary, part of the increase is attributable to a specific TA that does POS.
* We have four (4) forms of quality control for our customers.
* The temporary CNGC Residential Data Processor contract has been extended to support application processing through the annual heating season bump in application submissions.
* Residential Outreach pieces sent to our customers. (*See Charts, Graphs, and Miscellaneous, pg 10*)
* Amy Wheeless had a question: Curious to see material provided to customers from the TA that is having much success.
  + Sheila sent final draft of the text message to Monica for review
  + Will provide finalized copy to all CAG members

### Low Income Weatherization *-* **led by Sheila McElhinney & Monica Cowlishaw***- 01:09:34*

**Action Items: Sheila to send invite to Jade Jarvis and cc: Heather Moline for All-Agency meeting once date/time is determined.**

**Decisions Made: None**

**Noted Discussion:**

* Sheila provided an update for 2022 January-August WIP EWIP program accomplishments and disbursements. (*See Charts, Graphs, and Miscellaneous, pg 11*)
* We have pending projects: Three (3) SF, five (5) various size Sunnyside Housing Authority Furnace replacements total forty-four (44).
* Supply chain issues and labor shortages affect program accomplishments.
  + The following issues hold true since Q1:
    - Weatherization Contractors are booked out 8-12 weeks
    - Requirements for Contractors in this sector are burdensome
    - Contractors are moving to the private sector in lieu of LI weatherization
    - Combination of supply chain problems, a general labor shortage and Labor & Industries burdensome requirements
* Five (5) homes were served between June and end of August.
* CNGC will schedule an All-Agency Meeting mid-October 2022.
* Using 2022 Avoided Costs and 20% Project Coordination Fee + 10% Indirect Rate.
* Per Monica, Low-Income Program for WA and OR will be backfilled by a manager.

### Pilot Updates - *01:15:07*

### Behavioral Residential Program Pilot- *led by Monica Cowlishaw - 01:16:09*

**Action Items:**  **Monica to send EnergyX questions from Gil so they can provide answers to those questions via email. Send to the CAG once responses received.**

**Decisions Made: Answers from EnergyX provided below:**

**

**Noted Discussion:**

* Overview of Home Energy Report (HER) provided.
* Guest speakers from EnergyX, Aaron Savatti and Alex Corneglio, joined the meeting for discussion on the HER.
* Monica provided CAG members more context of the behavioral pilot.
* EnergyX HER Proposal provided. (*See Charts, Graphs, and Miscellaneous, pg 12*)
* Aaron went over aspects of the HER process.
* Ted questioned 1) how it becomes personalized and 2) what separates EnergyX from us sending out normal conservation efforts like we have done in the past, 3) how is the customer pilot base chosen, 4) have you seen a trend downward in savings from customers when it comes to releasing their information, answers below.
* 1) Aaron explained the process and identifying the pilot population and opportunities that exist in a customer’s home
* 2) Aaron stated the ability to automate that at scale. Having one-on-one conversation with customers and able to make recommendations, providing personalized experience
* 3) Alex explained still discussing that level of detail through methodology and numerous other filters
* 4) Alex stated consumers are more savvy nowadays. When transparent with consumers of how their data will be used and what the benefit would be, they are quite willing to participate from what we have seen
* Per Kary, this is not a push to the customer, as we have customers asking what they can do to reduce usage and save money.
* Gil had questions and Monica will send those to EnergyX to answer via email.
* Amy asked when you provide energy savings recommendations is pilot able to flag energy assistance programs
* Aaron answered yes, if you can provide information on what the qualifiers are

### Aero-Barrier Pilot – *led by Jon Storvick* *- 02:04:20*

**Action Items:**  **Jon will look up more concise cost per home and provide an update**

**Decisions Made: None**

**Noted Discussion:**

* + Provided a brief presentation on a pilot offering being developed for the new home residential sector.
  + Amy asked if projects need to have added mechanical ventilation.
    - Sheila informed that mechanical ventilation is always required, per WA code
    - Update from Jon 10/19/2022: Projects that achieve 3 ACH50 or less must use Heat Recovery Ventilation System
  + The pilot will incentivize air-sealing new homes below the code minimum air tightness of 5 ACH50.
  + Air-sealing will be achieved using Aero-Barrier.
  + The pilot is under development and will be available for home builders starting January 2023.
  + Ted asked 1) what are expected returns on this and 2) what is the average cost per home.
    - 1) Product can help builders achieve passive house standards, comes down to how much builder wants to spend.
    - 2) Jon believes it is about $2000.00 but will look into more concise cost.
    - Update from Jon 10/19/2022: The cost currently ranges from $0.90/Sqft to $1.25/Sqft depending on size of home (large homes cost less per sqft). Compare this to roughly $0.35/sqft to achieve advanced air sealing (3 ACH or less) with conventional means
  + Although cost effectiveness is not required for this pilot, we do hope the outcome will be cost effective.

### Commercial Pilot Updates – *led by Bradey Day* *- 02:14:16*

**Action Items:**  **None**

**Decisions Made: None**

**Noted Discussion:**

* Radiant Heating Focus - Partnership with Space-Ray and Radiant Heating/Insulation bundle. About double where we were last year at this time. Offering additional 10% if customer does radiant heating/insulation at the same time.
* Underserved Customers – Hired someone to do more outreach in the Longview/Zone 2 area. Spanish-speaking Commercial customer-will provide more of an update after a debrief of the project itself, as it was a two-month streaming campaign.
* Midstream tankless program – No specific projects from this program.
* Demand Control Kitchen Hood Makeup Air Units – Researching this year and plan to implement in 2023. Move to a prescriptive or standard offering for the customer.
* Gas Fryers – At this point, have not found a solution for any savings right now.
* Strategic Energy Management (SEM) – May have good opportunities for end of 2022 for SEM.

### Budget Update - **led by Jon Storvick** *- 02:22:21*

**Action Items:**  **None**

**Decisions Made: None**

**Noted Discussion:**

* Provided budget scenarios for the Residential and Commercial programs for 2022. (*See Charts, Graphs, and Miscellaneous, pg 13*)
* Both programs have achieved the minimum therm savings to be cost-effective this year.
* The Commercial program is at risk for a year-end spending of less than 80% of the budget outlined in the 2022-2023 BCP. (*See Charts, Graphs, and Miscellaneous, pg 14*)
* The Residential program is currently trending to be more cost-effective than predicted in the 2022-2023 BCP. (*See Charts, Graphs, and Miscellaneous, pg 15*)

### IRP Update - **led by Monica Cowlishaw** *- 02:33:12*

**Action Items:**  **None**

**Decisions Made: None**

**Noted Discussion:**

* TAGs 1-4 complete. Included discussions on load forecast, avoided cost, supply side resources, Demand Side Management, Climate Commitment Act modeling (WA), Climate Protect Plan (OR).
* TAG 5 WA scheduled for October 20, 2022.
* TAG 5 OR is scheduled for November 9, 2022.
* Draft IRPs will be filed November 24 (WA) and January 5, 2023 (OR).
* Final IRPs will be filed February 24, 2023 (WA) and April 14, 2023 (OR).

### EM&V Process & Timeline – *led* **by Caleb Reimer** - *02:34:53*

**Action Items:**  **None**

**Decisions Made: None**

**Noted Discussion:**

* Caleb provided an update on Third Party Measure Level Evaluation, Measurement & Verification (EM&V).
* Cascade dispersed an RFP for this service incorporating suggested content improvements from WUTC staff and NEEA representatives.
* Cascade received two (2) proposals prior to the 9/29/22 deadline.
* A draft timeline for the remainder of the EM&V process through project kickoff was shared. (*See Charts, Graphs, and Miscellaneous, pg 16*)

### Wrap up and 2023 Quarterly Meeting Schedule *- 02:38:10*

**Action Items:**  **None**

**Decisions Made: None**

**Noted Discussion:**

* 2023 Proposed Meeting Dates:
  + 1/11/23 CAG Q1 – 9-12 - TEAMS
  + 4/19/23 CAG Q2 – 9-12 – In person and via TEAMS
  + 7/12/23 CAG Q3 – 9-12 - TEAMS
  + 8/9/23 Base Touch Mid-BCP planning – 10-11:30 via TEAMS
  + 10/18/23 CAG Q4 – 9-12 – In person and via TEAMS
* Desiree provided proposed meeting dates in Chat for CAG members to review.
* If no objections to proposed dates/times, will get on the calendar by next week.
* Monica thanked everybody for attending.