Cully Energy Plan PAC Meeting #6
Meeting Objectives and Agenda
August 28, 2017

Meeting Agenda:

A. Welcome and check-in

B. Cully Energy Data

    a. Current energy snapshot

    b. Proposed Baseline

    c. Proposed Targets

C. Community Campaign Brainstorm

    a. Hand tally results

    b. CEP Interview

    c. Community Focus Group: September 6th

        i. What information would the PAC like ask from the Focus Group

D. Closing and Evaluations

August 28: PAC Meeting

Welcome/Bienvenidos

VERDE
LIVING CULLY

Event: _____ Host Organization: _____
Date: _____ Start/End Time: _____
Lead Staff: _____ Support Staff: _____

	Less than 18yrs old?	Name (First & Last)	Email or Phone Number	Are you a volunteer or want to be involved with Verde/Living Cully?
	Menos de 18 años?	Nombre y Apellido	Email o numero de telefono	Eres un voluntario o quiere involucrarse en Verde/Living Cully?
1	☐	Taren Evans		☐ yes/si
2	☐	ORIANA MAGNERA	oriana@nwenergy.org	☐ yes/si
3	☐	Alan Hipolito		☐ yes/si
4	☐	Jaimes Valdez	jaimes@sparknorthwest.org	☐ yes/si
5	☐	Desiree Wms-Rajee		☐ yes/si
6	☐	Donita Fry	donitasf@nayapdx.org	☐ yes/si
7	☐	Cameron Herrington		☐ yes/si
8	☐	Maiyee Yuan	maiyee@apano.org	☐ yes/si
9	☐	Holly		☐ yes/si
10	☐			☐ yes/si
11	☐			☐ yes/si
12	☐			☐ yes/si
13	☐			☐ yes/si
14	☐			☐ yes/si
15	☐			☐ yes/si

Total number of adults: _____ Total number of youth: _____ Total partitcipants: _____

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August 28, 2017
Meeting Notes

Cully Energy Data Comments and Questions

A. Current energy snapshot: Residential kWh and Natura Gas maps

- On the Residential kWh maps the scale changed from map to map. Also where are the min and max to contextualize the data?
- Are we including outliers in this analysis
- Greater context is needed for these maps? Is it possible to normalize by population or by household?
- Is it possible to get per bedroom or types of housing?
- The various seasons need more context. For example is it fall for all five years of data, or just one year? Without more context it is hard to understand analysis of energy change between the various seasons.

B. Current energy snapshot: Energy Burden by Block Group Map and Solar PV present map

- Energy Burden has a definition. The definition is not apparent on this map
- Can the energy burden map show the percent that families are spending on utilities
- This map needs more information. Greater clarity on poverty and highest energy consumption?
- Is it possible to map annual expenditure by block group?
- Once again # of households that are in this block group would be helpful/ normalization of # of households
- Can we overlay this with demographics in neighborhood
- Permit data should provide information on housing stock in these block groups/ might be possible to get down to the block level
- The Solar PV map needs more information, the hatch-cross overlay doesn't tell you how many systems are present, capacity of systems or actual generation
- The solar PV map also doesn't show who is benefiting from these systems. Can we identify income of people who are receiving RETCs to install PV systems?

C. Other Comments and Questions on the maps

- Maybe the Living Cully Community Energy Plan (LCCEP) identifies where there are gaps in the data and where further analysis is needed in order for community groups to participate and understand their data
- Also how do we incorporate community wisdom into the data analysis
- On the blocks that have the highest energy consumption, meet with those community members and get qualitative information about their experiences
- In the areas that have highest energy consumption, identify ways to understand what is happening in those areas. Is the high energy consumption related to the built structures in that block or to people's behavior or is a combination of both?
- How about mapping vulnerable populations in the blocks that have high energy consumption? (i.e., renters, low-income households)
- Gathering stories in the hotspots
- Can we map where there have already been interventions, such as energy efficiency projects and weatherization? Ask the county and or Eron from NAYA for the information.
- For the blocks that are using high kWhs, what is the available natural gas infrastructure? Holly can get data on gaps in the natural gas pipeline in the Cully neighborhood.
- Cameron noted that maps can be dangerous because they might not necessarily tell us the full impact of our work. They can show progress - less energy consumption, yet that might note mean low-income communities are benefitting from that progress. Also a map might highlight these areas as needing intervention—so they can be seen as problematic.

D. Proposed Baseline

- *Not much commentary*

E. Proposed Targets

- Generally unclear about calculations to achieve either 1% reduction or 1% renewables increase targets
- Scenario 2 on powerpoint, percentages would be easier to read
- Ask Andria Jacob about raw data from per person electricity graph in the CAP from page 19
- Solar Panel information, see about getting demographic information
- Also RETC will be going away at the end of the calendar year, so this may impact how many people invest in solar in the future
- Community solar rules on low-income participation, there might be a possibility to create a target based on low-income participation

- Also, it doesn't seem that our interventions are focused on the industrial sector. Ask ETO if we can get non-residential energy consumption data without the industrial sector
- We need to define what community based development means (from the 100% Resolution) so we can create target. PAC takes first shot on definition

Community Education Campaign Focus Group
A. Recommend questions to ask participants?

- What do community members want to learn about energy?
- Where are they learning about energy?
- What are people's experience with hot and cold? What impacts their level of comfort?
- What are their experiences with the utilities?
- What are their opportunities to make decisions/ changes in their homes? If they are renters, do they have good relationship with their landlords?
- What would you do next in your home? Anticipating trends, understanding what people would like to do in their homes?
- Ask participants what they are already doing in their homes to bring down energy costs
- What are the things that people do to stay comfortable in the winter and summer. Are there trade-offs?
- Do residents have mold and moisture in the homes? Looking for clues in the homes.
- What devices use the most energy in the house?
- Do you know where there are PV systems in the neighborhood? This could be initial start to mapping PV systems in the neighborhood

Next Steps
A. On Data Analysis:

- Desiree emails district liaison for permit information on housing stock in Cully. Ask if we can we get information by block or block group? Incorporate new data in maps
- Email map comments to Vivek Shandas. Identify how to make Energy Burden Map clearer and easier to understand
- Andria Jacob shared energy burden definition: http://aceee.org/press/2016/04/report-energy-burden-low-income
- Ask Andria Jacob about raw data from "per person electricity usage" graph in the CAP from page 19
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B. On Focus Group:

- Ask ETO for schwag to give away to participants
- Provide additional informational resources for focus group participants, so that they get something when they participate