

**Ali Rafieetari:** Question sample

**Davidarkin:** Hey Everyone ... WELCOME! Please feel free to enter questions here as we're meeting this evening and we'll be answering them as best we can either in the chat window or live. If you have an answer or further information feel free to answer as well.

**Karno Widjaja:** Is anyone here on the east coast?

**Saif Sadeq:** yes

**Michael Kloefkorn:** what if you wear more hats than one?

**Gwen Fuertes:** tell us in the chat!

**Ali Rafieetari:** Public Employee

**Lindsay Rasmussen:** NGO/Non-Profit

**Dora Pollak:** Poll is showing results - can't select an option

**Karno Widjaja:** Looks like the poll results were shared instead of the poll?

**Mercedes:** #C and #D

**Susi:** pls repost survey

**Tina:** other: my firm is very interested in joining the 2030 commitment, but we haven't been able to figure out how to do energy modeling in a cost effective way as a small firm

**Saif Sadeq:** Hi Tina, this is Saif Sadeq, from AIA National, I work on the 2030 Commitment. While energy modeling is essential to achieving our targets, it is not required for reporting. So you can still join

**Tina:** Hi Saif, nice to meet you! I did not realize that energy modeling is not required for reporting.

**Davidarkin to Mike Wilson (Privately):** This is going great!

**Mike Wilson to Davidarkin (Privately):** thx

**Alice:** So, it's very easy to become a signatory--just download the signatory template and customize it onto your letterhead, and upload! You can then take up to 6 months to develop and upload your sustainability plan. !

**Stacy:** Will this presentation and recording be available for us to access after the session?

**Mike Wilson:** Yes we will share with all

**Stacy:** Thank you!

**Mercedes:** Hello, will re receive a copy of the powerpoint?

**Susi:** what does TDV stand for?

**Susi:** time dependent ??

**Mike Wilson:** YES PPT and all materials will be shared on the AIA East Bay site

**ldulski:** yes can we receive a copy of this presentation

**Saif Sadeq:** Time Dependant Valuation (I think)

**Susi:** thx

**Alice:** time dependent valuation TDV

**Alice:** TDV may only be relevant for CA. (other states may not use these )

**Alice:** pEUI stands for "Predicted energy use intensity" in kBTU/SF/Yr

**davidarkin:** <http://zerotool.org>

**Alex Siegel:** Gwen, does the % Heated and % Cooled relate to the % of square footage or something different?

**David Winans:** you can also do this directly in the DDx

**Ben:** What does Zero Score matrix represent?

**sethdunn:** Alex, yes the % Heated and cooled is the % of the square footage that is heated or cooled

**Alex Siegel:** Thanks Seth!

**sethdunn:** Ben, the Zero Score is a range from 0-100, this is different from the 70% reduction target EUI

**sethdunn:** The target EUI is what you need for reporting

**Ben:** Thanks Seth.

**Karno Widjaja:** If you have a multifamily with ground floor retail for example, would you select it as non-residential and break it down by use types and GSF accordingly?

**Alex Siegel:** My office has run into that issue of T24 2019 not existing yet, and so we comment in the notes in the bottom as an internal reminder that it actually was designed to T24 2019, even though we used the T24 2016 drop down.

**Pam Goode:** I thought the ECON form in T24 already included the renewables. I think Gwen just said to subtract them, but she was using the PRF-1. I would like to see her calcs using PRF which I guess we will get with the PP. Thanks for the presentation.

**sethdunn:** Karno, Yes, I would recommend using non-residential

**Nina Pakanant:** How does the national compare the data if we're allowed to use different baselines?

**Ben:** What is the difference between Zero Tool and Target Finder?

**David Winans:** Most of our work is in either WA state or California. The Zero Tool defaults assign 48% or 53% savings respectively for the latest state codes. Our modeled projects are showing 32% savings. Kjell Anderson w/ LMN recently said this can be due to the Zero tool being generous w/ baselines and code assumptions on savings. Has this been your experience? Seems inconsistent w/ energy modeling typically being associated w/ higher performance.

**Alex Siegel:** I believe EnergyStar's target finder changed its baseline metric to differ from Zero tool so its been phased out as a comparable tool - is that correct?

**michael kloefkorn:** How does the DDX compare to or complement the USGBC's Arc tool?

**Davidarkin:** Perhaps worth noting is that as our energy grid becomes 'greener' and provided with renewables, the difference will be made up. As important is to target all-electric buildings NOW.

**dora.pollak:** I second Nina's question - how does the percent reduction translate when we are given the option to select different baselines?

**Davidarkin to Mike Wilson (Privately) :** Can you please unmute Lindsay Rasmussen of Arch2030 so she can reply

**Saif Sadeq:** we use code equivalencies when aggregating the data

**Saif Sadeq:** to normalize the different baselines

**Lindsay Rasmussen:** Hi! Lindsay from A2030 here - I'll pass along the Zero Scale question and we'll get an answer on our About page, but it's based off of the zEPI Scale, with 100 being the CBECS 2003 National Average for that use type.

**Ben:** Thank you Seth, Gwen and Alice. Great presentation!

**Pam Goode:** Thanks for the presentation.

**Karno Widjaja:** Thanks for the presentation!

**Liam to Mike Wilson (Privately) :** Oh man, my calendar invite was for 6pm?!!!

**Pam Goode:** Great, thanks!

**Mike Wilson to Liam (Privately) :** Good news its being recorded and all chat and slides will be available after.

**Alice to Mike Wilson (Privately) :** Mike unmute me please

**Alice:** Mike, can you let me control my mute? or unmute me?

**Alice:** we need the last slide to thank evryone, please

**Alice to Mike Wilson (Privately) :** Mike please unmute me again? thanks

**dora.pollak:** Thank you Gwen, Seth, and Alice!

**Michael Kloefkorn:** Thanks Alice, Gwen, and everybody! This was helpful and I look forward to the next hackathon and hope to have some projects entered.

**Davidarkin:** Great presentations Gwen, Seth and Alice! Thank you

**Alex Siegel:** Thanks everyone! This was great