

9/12/23 Response from Austin Energy on Progress to Goals in Existing Resource Plan

- 86% of AE's generation will be carbon free by year end, 2025, and 93% by year end 2030
 - With no additional action, with current supply portfolio and current load forecast we are forecasting 73% carbon generation as a percentage of load in 2025 and 71% carbon free generation as a percentage of load in 2030. This is dependent on actual weather, unit availability, curtailment, and dispatch of the Nacogdoches plant.
 - For renewable generation as a percentage of load with same caveats listed above, current forecast is 50% for 2025 and 51% in 2027.
- The REACH Plan is expected to reduce AE's carbon emissions by 30% or approximately 4 million metric tons between approval of the 2030 plan and the exit from FPP
 - REACH has reduced over 4M metric tonnes of AE's carbon emissions, but we have not successfully exited the Fayette Power Project
- Achieve a total of 375 MW of locally sited solar by 2030, of which 200 MW will be customer-sited
 - We are currently at 298MW of Local Solar with 120 MWs Customer Sited Solar
- Continue shared solar pilot for multifamily, and upon automation of e-billing system open the program more broadly
 - The Shared Solar program is automated in the billing system and opened as broadly as possible.
- Provide moderate- and limited-income customers preferred access to Community Solar program
 - 50% of the community solar program is reserved for low-income
- Achieve EE savings equal to at least 1% of annual retail sales, with 1,200 MW of DSM by 2030, including 225 MW of economic peak DR
 - EES and Green Building accounted for 132,421 MWh and Solar 14,235 MWh in 2022 for a combined 146,656 MWh, while the total retail sales for AE was 14,340,949,972 MWh, for a total of just over 1% of annual energy sales
 - 1,050 MW of DSM (EES & Green Building combined), including 253 MW of DR across all programs
- Achieve 30 MW of local thermal storage by 2027 and 40 MW by 2030
 - 32 MW of thermal storage as of June '23
- Allow near real-time access to hourly energy use data for Austin Energy customers via the automated meter infrastructure, including compatibility with Green Button products and services
 - Information is currently available via an AE App that allows for hourly information that is updated every couple of days. AE is in the final stages of a data integration with O-Power that will allow near real-time access. This functionality will become available when a planned upgrade to the Customer Care and Billing system is conducted. It is currently projected to take place in March.
- Assess 2021 IECC and specific solar-ready, EV-ready, electric building ready and net-zero for residential and commercial construction for possible adoption in future codes
 - Solar ready requirements for both commercial and residential properties were adopted as a local amendment to the energy code and went into effect October 1st 2017. These amendments were rolled forward with the adoption of the 2021 International Energy Conservation Code (IECC).
 - EV ready and electric ready provisions were taken out of the published 2021 IECC on appeal. A new process was established to develop the 2024 energy code in which we

are active participants and we anticipate these subjects to be addressed in that version of the energy code. The published version of the 2024 IECC should be released this fall. We are working with DSD to adopt the 2024 technical codes, including the energy code. In the meantime we have incorporated EV capable requirements into all 3 Austin Energy Green Building (AEGB) Ratings. For multifamily and commercial buildings this includes providing raceway or cable to within 6 feet of the EV capable space and sufficient dedicated space or spare electrical panel capacity. For single family it is a dedicated 240 volt outlet.

- Electric readiness has been incorporated for points in the single family and multifamily AEGB ratings. Electric readiness in this case means installing dedicated 240 volt outlets within 3' of cooktops, ovens, and dryers, and either a dedicated 120 or 240 volt outlet within 3' of all water heaters unless already installing a heat pump water heater.
- Work toward net-zero operational carbon for new buildings by 2030 is progressing through adoption of the 2024 IECC. We are still working on the timeline with DSD but expect this code to be in effect no later than January 2025. New federal incentives are expected to help and Austin Energy Green Building will continue to provide education to building professionals on strategies to achieve this.