



LEED v4.1 BD+C: New Construction

Grid Harmonization

Select one or more of the following, for a total of 2 points:

- ☐ Case 1. Demand response program available and participation (2 points)
- ☐ Case 2: Demand Response Capable Building (1 point)
- ☒ Case 3. Load Flexibility and Management Strategies (1-2 points)

Case 3. Load Flexibility and Management Strategies

- ☒ Interval recording meters are installed and the building has equipment that is capable of accepting an external signal.
- ☒ Installed technology is included in the commissioning authority's scope of work and the building systems manual (or the Current Facilities Requirements (CFR) and Operations and Maintenance Plan (OMP) if the project is not pursuing EA credit Enhanced Commissioning).

Select one or more of the following (1 point each for a maximum of 2 points):

- ☐ Peak Load Optimization: the strategy reduces on-peak load by at least 10% as compared to peak electrical demand referenced to the ASHRAE 90.1-2016 compliant case.
- ☐ Flexible Operating Scenarios: the strategy moves at least 10% of peak load by a time period of at least 2 hours.
- ☒ On-site thermal and/or Electricity Storage: The on-site thermal and/or electricity storage strategy reduces on-peak load by at least 10% as compared to peak electrical demand.
- ☒ Grid Resilience Technologies: the project is served by utilities with resilience programs in place which leverage strategies such as islanding and part-load operation.

Upload: For all strategies except Grid Resilience Technologies, upload a narrative or report and energy simulation summary that includes a summary of building annual load shape and regional grid profile analysis, and a description of the building load flexibility and/or management strategies implemented. Include sufficient detail to confirm the peak electric demand prior to applying the strategies for an ASHRAE 90.1-2016 Appendix G compliant design, and to confirm at least 10% of on-peak electric demand reduced or shifted as a result of the strategy.

Upload documentation of grid resilience program or technologies serving the project.

Special Circumstances

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits. (Optional)

Please refer to the document UT Austin Narrative for Grid Harmonization v2 110220 in uploads. This project is connected to the Carl J. Exkhardt Combined Heating and Power Complex, which is certified PEER Platinum and contributes to this credit.

Upload any additional documentation that supports the claim to special circumstances. (Optional)

