

Verification Incentive

Eversource and the United Illuminating (UI), Southern Connecticut Gas (SCG), and Connecticut Natural Gas (CNG), subsidiaries of AVANGRID, Inc. (The Companies) offer a **50% cost share up to \$10,000** for supplemental energy use verification as defined below. The Companies' scope of work is to assist building owners/operators, contractors and design teams in verifying that the building continues to function as designed or better during its first year of occupancy. The building must have undergone functional testing prior to this scope.

Eligibility

- Project is participating under Path 1 or Path 2 of the C&I New Construction Program
- For projects participating under Path 2, the owner/developer must be planning to commission the building to levels equivalent to the LEED BD&C Version 4 Fundamental Commissioning and Verification Prerequisite
- The project must comply with the requirements of ASHRAE 90.1-2013 related to metering

Documentation and Deliverables

1. Executed contract, including a proposal with the scope of work below
2. Summarize the outcomes of the control sequence review
3. Maintain a log of issues identified during the Verification Period, including date of resolution
4. Develop a verification report at each interval with the results of each desk review
 - Graphically display trend data with a discussion of how discrepancies and resolutions impact trends

Verification Team

The owner/developer must form a Verification Team to complete the scope of work referenced below. The team must include:

- The owner or designated representative
- An "energy verifier"¹
- A Registered Architect (RA) or a Professional Engineer (PE) who has experience looking at trend and metering data and understanding energy model reports and outputs

The verification team will need to coordinate with the design and construction teams, as necessary, to complete the verification scope of work. This will include engagement with the commissioning agent, MEP firm, architect, general contractor and/or controls contractor, and building operator. Some requirements may be met in coordination with the commissioning design review, if applicable.

Verification Period

The Verification Period is the 12-month period during which the Verification Team completes the scope of work below. The Verification Period begins when the building becomes occupied after any issues from the commissioning agent's initial functional testing are substantially resolved.

¹ May be any of the following: the project's commissioning agent, the project's MEP firm, or an MBCx firm with analysts who can submit comprehensive savings calculations and analyses.

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Owner/Developer Obligations

The owner/developer is expected to resolve issues found during verification either through workmanship warranties or other means. In addition, the owner/developer must ensure the verification team is provided with the following:

- The design team's energy model, output files and report (for Path 1 projects) or the Energize CT Technical Assistance Provider's energy model, output files and report (for Path 2 projects). The building's predicted Energy Use Intensity (EUI) and monthly energy usage for each end-use should be clearly shown.
- Commissioning reports
- Monthly energy bills for all fuels following the completion of functional testing
- Following the completion of functional testing, monthly sub-metered electric usage from the equipment installed to comply with ASHRAE 90.1-2013
- Monthly usage and generation from onsite generation following the completion of functional testing

The Verification Team's Scope of Work required for the Energize CT Verification Incentive:

50% or 90% Construction Document Control Sequence Review

- The Verification Team, MEP firm and commissioning agent shall facilitate an integrated review of the project's control sequences.
- The Verification Team, MEP firm and commissioning agent shall review and comment on the sequences to ensure they are optimized and clearly written. Where possible, the general contractor/controls subcontractor shall be involved in this process.

Verification Desk Reviews

- Review energy use data at the end of two-month, six-month and twelve-month intervals during the Verification Period. (Effort is "front-loaded" to identify/resolve issues early.)
 - Compare to energy use as predicted by the project's energy model/reports
 - Identify sources of discrepancies between predicted energy usage and actual energy usage
- Review trend data and as-built control sequences of all major systems to ensure consistency with as-designed sequences and design intent at the end of two-months, six-month, and twelve-month intervals during the Verification Period.
 - Trends shall include the measures reported in the Whole Building Modeling Template. Trend data parameters may include ventilation cfm, heating/cooling plant efficiency and renewable energy generation.
 - Identify sources of discrepancy between trends, as-built sequences and as-designed sequences.
- Review results of desk review with owner/developer, building operator, MEP firm, commissioning agent and contractor.

Incentive Payment

The incentive payment will be made upon receipt of the above deliverables.

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