

COMMERCIAL NEW CONSTRUCTION SUPPORT – PON3609

Applications accepted from December 30, 2017 through March 29, 2019 or until funds are fully committed, whichever comes first

NYSERDA will provide technical support to Applicants and their design teams to identify energy efficiency opportunities in non-residential new construction, and substantial renovations where the building is, or will be vacant for at least 30 days. Applicants may select a technical consultant from a list maintained by NYSERDA or may use the services of a provider of their choice, subject to NYSERDA approval. NYSERDA will provide additional support for Zero Net Energy and Deep Energy Savings projects.

Support Level 1 – Plan Review and Recommendations

- The NYSERDA approved technical consultant will provide a review of either schematic design phase plans or the Applicant's proposed equipment selections and will provide a summary of energy savings suggestions.

- Support Level 1 is offered at no cost to the Applicant.

Support Level 2 – Energy Modeling and Analysis

- The NYSERDA-approved technical consultant will meet with the Applicant's design team to identify and analyze potential energy savings opportunities. The technical consultant will submit a report of the analysis to the Applicant and NYSERDA.

- NYSERDA will cost share 60% of the technical consultant's costs, up to a total NYSERDA contribution of \$75,000.

Support Level 3 – Technical and Financial Support

- For Zero Net Energy, Deep Energy Savings Projects and/or Smart Buildings
- Technical Support provided by a NYSERDA-approved technical consultant (for projects at schematic design phase or earlier):
 - Energy Modeling, Analysis and Report: The consultant will meet with the Applicant's design team to identify, model and analyze potential energy savings opportunities. The technical consultant will submit a report of the analysis to the Applicant and NYSERDA.
 - Integrated Project Delivery: The consultant will provide technical support for Applicants who incorporate and execute Integrated Project Delivery in the project design and construction.
 - Advanced Controls Commissioning: For large complex projects the consultant will provide commissioning of advanced HVAC controls.
- Financial Support (for projects receiving technical support. Projects at design development through pre-construction phase may also be considered for financial support if a full energy model has been prepared for the project and subject to NYSERDA approval):

- Technical Support
 - Energy Modeling, Analysis and Report; Integrated Project Delivery and/or Advanced Controls Commissioning:
 - NYSERDA will pay 100% of the technical consultant's costs up to a maximum \$200,000 per project
- Financial Support
 - Energy Performance Incentive for Zero Net Energy, Deep Energy Savings and/or Smart Buildings:
 - \$100/Metric Ton CO₂e first year greenhouse gas reduction, up to a maximum \$350,000 per project
 - Smart Buildings:
 - 50% of the increased costs of installing smart meters, equipment and controls to achieve a fully integrated smart building, up to a maximum \$100,000 per project.
 - For projects which combine the Energy Performance Incentive with the Smart Buildings incentive NYSERDA will increase the total financial support cap to \$400,000.

- Energy Performance Incentive: NYSERDA will provide Financial Support to offset a portion of energy efficient measure costs.
- Smart Buildings: NYSERDA will provide support for Applicants who incorporate a full range of Smart Building features in the project.

Definitions:

- **Designated Baseline** - ASHRAE 90.1-2013 Appendix G (as amended) or the version of ASHRAE 90.1 Appendix G under which the project is permitted, whichever is later.
- **Integrated Project Delivery (IPD)** - as defined and described in Integrated Project Delivery – An Updated Working Definition, Version 3 Updated 7/15/14, published by the American Institute of Architects California Council. Copies are available through the California Council at www.aiacc.org.
- **Zero Net Energy** – projects where annually the energy generated by renewable on-site or distributed generation resources matches the building energy consumption.
- **Deep Energy Savings** – projects where the predicted energy savings exceed the designated baseline by at least 30%.
- **Smart Building** - An intelligent building which interconnects HVAC, lighting, plug loads, fire & life safety, security & access, people movement, analytics & management and smart metering to transform efficiency, comfort and safety for people and assets (source: Intel Corporation, Continental Automated Buildings Association Board Member)