

## COMMERCIAL NEW CONSTRUCTION SUPPORT – PON3609

*Applications accepted from December 30, 2017 through December 31, 2018 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 CO<sub>2</sub>e 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](http://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)