**Commercial Property Assessed Clean Energy (PACE) Contractor Requirements for Renewable Energy System Feasibility Studies Guidance Document**

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1. **Summary**

In the New York State Energy Research and Development Authority’s (NYSERDA’s) Commercial Property Assessed Clean Energy (PACE) Guidance Document ([www.nyserda.ny.gov](http://www.nyserda.ny.gov)), NYSERDA outlines criteria for entities certifying contractors to perform Renewable Energy System Feasibility Studies. In addition to these criteria, NYSERDA suggests certifying entities assess the criteria for certifications, expertise or experience outlined in this document for the renewable energy technologies included within this document.

1. **Solar Thermal**

Individuals performing the Feasibility Study for Solar Hot Water systems should hold a NABCEP Solar Heating Installer Certification. Individuals performing the Feasibility Study for Solar Hot air systems should possess SolarWall or SolarDucts industry training.

1. **Solar Photovoltaic**

Individuals performing the Feasibility Study for Solar Photovoltaic systems should meet the requirements for becoming a “Participating Contractor” as outlined in the “NY-Sun Initiative Commercial/Industrial Program Manual” and “NY-Sun Initiative Residential/Small Commercial <200kW Solar Electric Systems Program Manual,” which can be found on NYSERDA’s website at <https://www.nyserda.ny.gov/All-Programs/Programs/NY-Sun/Project-Developers>.

1. **Small Wind**

Individuals performing the Feasibility Study for The Renewable Energy Feasibility Study for Small Wind Turbine Energy Systems should be one of the following:

* Certified Wind Site Assessor who holds a Midwest Renewable Energy Association Small Wind Site Assessment Certificate (<https://www.midwestrenew.org/SACP>) or similar certification, or
* Licensed professional engineer registered to practice in the State of New York who will sign and stamp the study.
1. **Ground Source Heat Pumps**

Individuals performing the Feasibility Study for Ground Source Heat Pumps should hold one of the following certifications:

* International Ground Source Heat Pump (IGSHPA) Geothermal Inspector;
* IGSHPA Geothermal Installer; or
* Licensed professional engineer registered to practice in the State of New York who will sign and stamp the study.
1. **Anaerobic Digester**

Individuals performing the Feasibility Study for Anaerobic Digesters Energy Systems must be a licensed professional engineer registered to practice in the State of New York who will sign and stamp the study.

1. **Fuel Cells**

Individuals performing the Feasibility Study for Fuel Cell Energy Systems must be a licensed professional engineer registered to practice in the State of New York who will sign and stamp the study.

1. **Air Source Heat Pumps**

Individuals performing the Feasibility Study for Air Source Heat Pumps should hold an HVAC certification that demonstrates training in sizing and the use of ACCA Manual J, such as the Building Performance Institute (BPI) Air Conditioning and Heat Pump certification, BPI Heating, or NATE certifications. A licensed professional engineer registered to practice in the State of New York who will sign and stamp the study also qualifies, but must demonstrate experience with the use of ACCA Manual J and/or hold one of the above certifications.

1. **Wood Heating Systems**

Individuals performing the Feasibility Study for pellet boilers or advanced cordwood boilers should meet the “Installer/Contractor Experience Requirements” as outlined in the Renewable Heat NY Program Manual, which can be found on NYSERDA’s website at [www.nyserda.ny.gov/Renewable-Heat-NY](http://www.nyserda.ny.gov/Renewable-Heat-NY).

1. **Energy Storage**

Individuals performing the Feasibility Study for Storage Systems, either in conjunction with a renewable energy system or for energy management, would need to demonstrate experience with these types of systems, directly or working in conjunction with another vendor.