

Attachment E

Illustrative Guidelines for Eligible Technologies

This is an *illustrative, non-prescriptive* and *non-exhaustive* list of technologies that could be included for financing of eligible measures for lenders participating in the NYSERDA PON {XXXX} for the Loan Loss Reserve (LLR) program. Additionally, lenders may include projects using technologies beyond the scope of this list so long as proposers demonstrate a potential for increased deployment of clean energy and/or a potential for Green House Gas reductions in NYS.¹

Renewable Energy Resources²

- Solar photovoltaics (no minimum/maximum capacity)
- Solar thermal (no minimum/maximum capacity)
- Biomass³
- Biothermal energy
- Biogas

Energy Efficiency Resources

- Commercial & Industrial - Efficiency improvements to new and existing facilities that save energy, including:
 - Lighting and control systems
 - Heating, ventilation and air conditioning systems
 - Heat Pumps, including Air Source Pump (electric split systems), Ground Source Heat Pumps
 - Pellet Stove
 - Programmable Thermostat
 - Building envelope
 - Energy management and/or control systems, including continuous commissioning
 - Occupant plug load management systems
- Load Reduction
 - Thermal and electric energy storage
 - Demand response programs
- Residential - Comprehensive energy efficiency improvement projects in existing residential buildings, including:
 - Primary heating and cooling systems: Furnaces, boilers, duct sealing, pipe insulation, central air conditioners, heat pumps (including air-source and geothermal) water heaters, and programmable thermostats
 - Building envelope: Insulation, air sealing, windows and doors
 - Other required health and safety measures and related accessories
 - Eligible Measures and Accessories- Lenders may include projects using technologies available through NYSERDA's Assisted Home Performance with ENERGY STAR (AHPwES) program and Residential Energy Efficiency Loan Program.

¹ Subject to laws, regulations and administrative actions (e.g., PSC orders) describing and/or related to the parameters for deployment of NYSERDA funds.

² This list specifically excludes nuclear, municipal solid waste combustion, and adulterated biomass or biofuels.

³ The "Order Authorizing the Clean Energy Fund Framework", issued and effective January 21, 2016, Cases 14-M-0094 et al. (the "CEF Order") states that biomass eligibility will be governed by the Biomass Power Guide, which can be found [online](#):

- Multifamily housing - Comprehensive improvement projects to multifamily housing facilities, including systems that affect the entire building, the common area, and/or the resident spaces and the following potential measures:
 - Lighting and control systems, including exterior, security, and safety lighting systems
 - Heating, ventilation and air conditioning systems, including boilers (hydronic and steam), furnaces, chillers, room air conditioners, supporting pumps, fans, motors and other auxiliary systems
 - Building envelope, including air sealing, weather-stripping, and insulation, Replacement Windows, Storm Windows and Doors, Exteriors Doors,
 - Energy management and/or control systems, including continuous commissioning
 - Resident plug load management systems, including home energy monitors and smart strips
 - Appliances, including common area laundry, refrigerators, and dishwashers, both commercial and residential sizes
 - Advanced metering systems to support conversion of master-metered buildings to sub-metering
 - Domestic hot water systems, including generation and distribution
 - Fuel conversion projects that include upgrades to system energy efficiency
 - Water conservation improvements
 - Heat Pumps, including Air Source Pump (electric split systems), Ground Source Heat Pumps
 - Pellet Stove
 - Programable Thermostat