

RFP No. 1 - ATTACHMENT B Illustrative Guidelines for Eligible Investments

This is an *illustrative, non-prescriptive* and *non-exhaustive* list of technologies that could be included in proposed project(s). NYGB may consider supporting and/or participating in financing arrangements that include projects using technologies beyond the scope of this Attachment B so long as proposers demonstrate a potential for increased deployment of clean energy and/or a potential for greenhouse gas reductions in New York State¹.

Renewable Energy Resources²

- Solar photovoltaics (no minimum/maximum capacity)
- Solar thermal (no minimum/maximum capacity)
- On/offshore wind (no minimum/maximum capacity)
- Fuel cells (continuous duty) - natural gas fuel or hydrogen
- Hydroelectric
 - Upgrades and/or repowering
 - New low-impact run-of-facility (30 MW or less with no new storage impoundment)
- Biomass (from eligible biomass feedstock³)
 - Biomass direct combustion
 - Combined heat and power
 - Co-fire with existing fossil fuel (only biomass feedstock portion is eligible)
- Biothermal energy
- Biogas
 - Landfill gas (methane)
 - Sewage gas (methane)
 - Manure digestion
 - Anaerobic digestion
 - Biomass thermo-chemical gasification (syngas from municipal solid waste)
 - Biogas (from eligible biomass feedstock) combined heat and power
 - Biogas (from eligible biomass feedstock) co-fired with existing fossil fuel combustion
- Liquid biofuels - ethanol, biodiesel, methanol, bio-oil, and eligible biomass feedstock
- Tidal/ocean power

Energy Efficiency Resources

- Commercial & industrial - Comprehensive efficiency improvements to new and existing facilities that save energy, including:
 - Industrial process efficiency improvements, including without limitation: data center, information technology, communications, water/wastewater, pipeline, mining/extraction, and similar end-use processes, facilities, buildings, and infrastructure
 - Lighting and control systems
 - Heating, ventilation and air conditioning systems
 - Building envelope
 - Energy management and/or control systems, including continuous commissioning
 - Occupant plug load management systems
- Load Reduction

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

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

³General categories include agricultural residue, harvested wood, mill residue, pallet waste, construction and demolition debris, silvicultural waste wood, woody or herbaceous crops and urban waste wood.

- 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
- 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
 - 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

Other Clean Energy Projects

- Natural gas-fired CHP
- Electric vehicle infrastructure (including charging stations)
- Fuel cells
- Anaerobic digester gas systems (farm and non-farm)
- Offshore wind