

Illustrative Guidelines of Eligible Technologies

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 list as long as proposers demonstrate a potential for increased deployment of clean energy and/or a potential for GHG reductions in support of NY State's clean energy policies.¹

Clean Energy Generation Sources²

- Solar (no minimum/maximum capacity)
 - Photovoltaics
 - Thermal
- Wind (no minimum/maximum capacity)
 - Onshore
 - Offshore
- Hydroelectric
 - Upgrades and/or repowering
 - New low-impact run-of-facility (30 MW or less with no new storage impoundment)
- Geothermal electric
- Tidal Energy
- Wave Energy
- Ocean thermal
- Fuel cells³

Energy Efficiency Resources

- Energy Efficiency Measures outlined in NYS's Technical Resource Manual ("TRM")⁴
 - Single and Multi-Family Residential Measures
 - Appliances
 - Appliance
 - Control
 - Recycling
 - Building Shell
 - Domestic Hot Water and Associated Control Systems
 - Heating, Ventilation and Air Conditioning (HVAC) and Associated Control Systems
 - Lighting
 - Lighting – Control
 - Motors and Drives
 - Other
 - Commercial and Industrial Measures
 - Agriculture Equipment
 - Agricultural Equipment – Control
 - Appliances
 - Appliance
 - Control

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

2 This list specifically excludes nuclear, municipal solid waste combustion and natural gas fed combined heat and power systems

3 Fuel cells that only use biomass, biogas, hydrogen, or other non-fossil fuels; provided that such non-fossil fuels are required to be produced and/or manufactured through a process that does not include the combustion or electrolysis of fossil fuels or the use of fossil fuel or non-renewable grid power in the conversion process.

4 See Technical Resource Manual for current version

- Recycling
 - Building Shell
 - Compressed Air
 - Domestic Hot Water
 - Domestic Hot Water – Control
 - Heating, Ventilation and Air Conditioning (HVAC)
 - Heating, Ventilation and Air Conditioning (HVAC) – Control
 - Lighting
 - Lighting – Control
 - Motors and Drives
 - Process Equipment
 - Refrigeration
 - Refrigeration – Control
 - Custom Measures
 - Category 1 – Unique Measures/Projects
 - Category 2 – Measures Including Prescriptive Measures not in the TRM
 - Category 3 – Measures in TRM but used in a different application/environment
 - Category 4 – Whole Building Analysis
 - Other

Other Clean Energy Technologies

- Clean Transportation
- Electric vehicle infrastructure (including charging stations)
- Thermal and Electric Energy Storage
- Bioenergy for use cases other than electricity generation (e.g., alternative fuels)⁵
- Geothermal ground source heat
- Port Infrastructure in support of Offshore wind projects
- Any other clean energy technology eligible under the NYS Public Service Commission’s “Order Authorizing the Clean Energy Fund Framework,” issued and effective January 21, 2016, and any related orders issued by the Public Service Commission.

⁵ Projects must demonstrate that the overall greenhouse gas (GHG) impacts of the fuel will be negative. Applicants should use an acceptable Lifecycle Analysis approach (Argonne National Lab’s GREET Model) evaluating the 20-year Global Warming Potential of: the feedstock production and its transportation; fuel production and its transportation; and use of the finished fuel.