



# New Jersey Energy Efficiency Revolving Loan Fund Energy Assessment Requirements

## **What Is The Revolving Loan Fund?**

The Energy Efficiency Revolving Loan Fund (EE RLF) is a new mechanism to help New Jersey's state agencies, particularly those located in disadvantaged communities, finance clean energy upgrades. The fund will create Energy Efficiency Loans for state agencies with state owned and operated facilities that complete qualifying clean energy projects. Agencies can use these loans to cover the project's cost or for a bridge loan to cover the gap between project installation and receiving federal direct pay tax credits.

## **What Kind Of Projects Qualify For Energy Efficiency Loans?**

The loans can be used for energy efficiency retrofits and upgrades resulting from an energy assessment that meets certain criteria. Health and safety improvements and solar energy systems can also be eligible for the loans if the energy assessment recommended them.

## **Energy Assessment Software Requirements.**

Commercial energy audits submitted through the EE RLF Program must estimate the total energy and cost savings potential for the facility if all recommended upgrades and retrofits are implemented, using software approved by DOE. DOE recommends using the [Audit Template](#) software for audits of commercial buildings to accomplish ASHRAE Level II Audits. Software must use the standard [BuildingSync](#) format for conveying data, which is used by multiple energy audit software tools. For information on current adopters of BuildingSync, please see <https://www.energy.gov/eere/buildings/buildingsync>

### Other Required Elements of Qualifying Energy Efficiency Audits and Upgrades

Commercial Energy Audits	REQUIRED	<ul style="list-style-type: none"><li>• Determine the overall consumption of energy of the facility.</li><li>• Identify and recommend lifecycle cost-effective opportunities to reduce the energy consumption of the facility.</li><li>• Identify the period and level of peak energy demand for each building within the facility of the eligible recipient and the sources of energy consumption that are contributing the most to that period of peak energy demand.</li><li>• Recommend controls and management systems to reduce or redistribute peak energy consumption.</li><li>• Estimate the total energy and cost savings potential for the facility of the eligible recipient if all recommended upgrades and retrofits are implemented, using software approved by DOE.</li></ul>
Commercial Upgrades and Retrofits	REQUIRED	<ul style="list-style-type: none"><li>• Recommended in the qualifying commercial energy audit, as applicable, completed for the building or facility.</li><li>• Are life-cycle cost-effective.</li><li>• Improve, with respect to the building or facility, at least one of the following:<ul style="list-style-type: none"><li>○ The physical comfort of the building or facility occupants.</li><li>○ The energy efficiency of the building or facility.</li><li>○ The quality of the air in the building or facility.</li></ul></li><li>• Lead to at least one of the following outcomes:<ul style="list-style-type: none"><li>○ Reduce the energy intensity of the building or facility.</li><li>○ Improve the control and management of energy usage of the building or facility to reduce demand during peak times.</li></ul></li></ul>