

# NORMALIZED METERED ENERGY CONSUMPTION (NMEC) COMMERCIAL SOLUTION



**NMEC measures total overall savings at the meter, which allows a customer to utilize all energy efficiency measures that meet minimum energy reductions, project quality and influence requirements.**

## WHAT IS COMMERCIAL NMEC?

Southern California Edison's site-level Normalized Metered Energy Consumption (NMEC) offering is an enhanced approach to determine energy savings under SCE's Commercial Calculated energy efficiency program.

NMEC supports a Commercial whole building approach to energy efficiency, which requires, as a condition of participation, that customers implement comprehensive multi-measure projects to reduce energy consumption. NMEC uses metered energy data and normalization analysis to establish a building's energy usage (baseline) and will use post-installation normalized metering analysis to determine final energy savings (kWh and kW).

## WHAT ARE THE BENEFITS OF NMEC?

NMEC utilizes the existing Customized incentive levels regardless of the measure type.

- \$0.12/kWh and \$150/kW.

NMEC uses revenue meter data to calculate and validate energy savings.

- Savings are based on what the customer and meter see using at least 12 months of available metered data.
- Incentives are based on actual performance and will be paid after the first 12 months of energy usage following project installation and commissioning.

Commercial NMEC projects are eligible for SCE's On-Bill Financing Program.

- Loans over \$250,000 are not eligible for incentives.
- OBF loans may be funded after SCE receives the inspection approval and SCE issues an installation notification.
- Loan calculations are based on projected energy savings.
- Other terms and conditions apply.

## WHO'S ELIGIBLE?

NMEC is available to qualifying non-residential Commercial customers who:

- Pay the Public Purpose Program (PPP) surcharge on the electric meter in which the energy efficient equipment is being proposed.
- Have an Energy efficiency project that will reduce at least 100,000 kWh and 10% of their metered electrical load.
- Meet all other program terms and conditions.

## WHICH MEASURES QUALIFY?

- All energy efficiency measures are eligible as long as the minimum energy reductions, project quality and influence requirements are met.
- NMEC requires two or more system measures are installed under an EE project.
  - ◇ Ex. Interior lighting systems, HVAC systems (economizers, controls), BRO, etc.



## COMPARISON BETWEEN THE TRADITIONAL CUSTOMIZED PROGRAM AND NMEC

Program Design	Customized Program	NMEC
Customer Eligibility	<ul style="list-style-type: none"> <li>Commercial Industrial and Agricultural</li> </ul>	<ul style="list-style-type: none"> <li>Commercial Only</li> </ul>
Project Eligibility	<ul style="list-style-type: none"> <li>Simple payback must be less than the effective useful life of the measure(s) being installed</li> </ul>	<ul style="list-style-type: none"> <li>Simple payback must be less than the effective useful life of the measure(s) being installed</li> <li>Project must reduce at least 10% of total available (metered) load</li> <li>Project must reduce at least 100,000 kWh</li> </ul>
Measure Type Eligibility	<ul style="list-style-type: none"> <li>Above-code/industry standard practice</li> <li>To/below-code (limited)</li> </ul>	<ul style="list-style-type: none"> <li>All measures</li> </ul>
Incentive Rate	<ul style="list-style-type: none"> <li>\$0.12/kWh and \$150/kW</li> <li>≥ \$2,200</li> </ul>	<ul style="list-style-type: none"> <li>\$0.12/kWh and \$150/kW</li> <li>≥ \$12,000</li> </ul>
Incentive Criteria	<ul style="list-style-type: none"> <li>Up to 50% of project cost or 100% of the incremental measure cost, whichever is less</li> </ul>	<ul style="list-style-type: none"> <li>Up to 50% of project cost</li> </ul>
Influence Types Allowed	<ul style="list-style-type: none"> <li>Technical Assistance</li> <li>Identification</li> <li>Financial</li> </ul>	
CPUC Review	<ul style="list-style-type: none"> <li>Option to review all projects</li> </ul>	
Technical Review	<ul style="list-style-type: none"> <li>Early Screening Document (ESD) submitted through SCE</li> <li>Application submitted through SCE</li> <li>Pre-Installation review and inspection</li> <li>Post-Installation Report</li> </ul>	<ul style="list-style-type: none"> <li>Early Screening Document (ESD) submitted through SCE</li> <li>Application submitted through SCE</li> <li>Validate at least 12 months of pre-metered data is available</li> <li>Pre-Installation review and inspection</li> <li>Post-Installation Report</li> <li>12 months post-installation metered data (with BRO measures, 24 months of metered data is required)</li> <li>BRO measures require a 3-year maintenance plan</li> </ul>

## OTHER PROGRAM REQUIREMENTS

- Measures must be permanently installed
- Measures must operate at least 5-years post-installation or customers may be required to refund all or a portion of the incentives to SCE
- Measures cannot receive incentives or rebates from another utility, state, or any other utility program.
- Existing equipment is required to establish the project baseline and must be installed at the project site and available for inspection.
- Existing equipment must be decommissioned and removed prior to project completion after receiving written notification of project approval from SCE.
- If a project includes BRO measures, a 3-year maintenance plan must be provided to support the sustainability of the energy savings.
- The project must meet SCE's influence requirements.
- New equipment/systems cannot be ordered, purchased, or installed before written authorization has been issued by SCE.
- Other terms and conditions apply.

## HOW TO APPLY

- Contact your assigned SCE account representative or TradePro representative.
- Submit an Early Screening Document to SCE.
- SCE will review and issue a project pre-approval notification to the customer.
- Submit a completed Project Application package to SCE.

### TO LEARN MORE

For more information on how to get started, contact your assigned SCE Account Representative or TradePro Representative at 800-990-7788.



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