

Business Energy Reports



CALIFORNIA
TECHNICAL FORUM

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Presentation Overview

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Objective: Provide update on draft measure package

- Business Energy Reports (BER)
 - Overview & Highlights
 - Measure Parameters
- Issues and Concerns
- Questions or Comments

Highlights:

- Leveraging approach from Home Energy Reports (HER)
- Shorter track record than Home Energy Reports

Business Energy Reports

Overview

- Commercial, small business focus
 - Eligibility exclusions exist
- Leverages Home Energy Report procedural approach (where applicable) and examples from other jurisdictions
- Procedural measure with a population NMEC type approach
 - Opt-out program
 - Randomized Control Trial (RCT), difference-in-difference approach
- Business Energy Reports provided to influence:
 - Behavioral changes or practices that affect equipment use
 - Behavioral changes in the purchase and installation of primarily low-cost equipment

Business Energy Report Offer Highlights

Vs Home Energy Report Offer Highlights

Item	BER	HER
Focus	Small Business	Residences
Format	Email, hardcopy	Email, hardcopy
Opt Out	Y	Y
Waves	Y	Y
Low-Cost Equipment	Timers, power strips, bulbs, low flow aerators	Thermostats, filters, low flow aerators
Behavioral	Schedules, thermostats, daylighting, turn off or unplug electronics	Switching off lights, thermostat settings, unplug unused appliances

Business Energy Report Analysis Highlights

Vs Home Energy
Report Analysis
Highlights

Item	BER	HER
Approach	RCT/ Difference of Difference	RCT/ Difference of Difference
Holdback	Y	Y
Fuels	Electric Only	Gas and Electric
Stratification	By homogenous group (BT/CZ), etc.	By homogenous group (Key usage/climate)
Measures	Report	Report with HVAC or appliance recycling impacts

Business Energy Reports

Vs Prior BER Programs

- Reduced Reliance on Peer Comparison
- Longer Duration to Enable Ramp Up
- Increased Population Size
- Use a stratified sampling approach to randomly select the treatment and control groups
- Random Assignment by Customer
- Use of Supplementary High Touch Engagement Tactics

Measure Description

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- **Units:** per Building
- **Measure Application and Delivery Type**
 - BRO-Bhv; Downstream Custom
- **Eligibility**
 - Climate Zones: CZ05, CZ06, CZ08, CZ09, CZ10, CZ13, CZ14, CZ15, CZ16
 - Building Types: Asm, Cnc, ECC, EPr, ERC, ESe, EUn, Gro, Hsp, Htl, Mtl, Nrs, OfL, OfS, RFF, RSD, Rt3, RtL, RtS, SCn, SUn, WRf
- **Target Market**
 - Behavioral changes or practices that affect equipment use
 - Behavioral changes in the purchase and installation of primarily low-cost equipment

Measure Description

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- **Measure Costs**

- Baseline cost (material + labor): \$0
- Measure cost: \$0

- **EUL**

Effective Useful Life and Remaining Useful Life

EFFECTIVE USEFUL LIFE ID	EUL DESCRIPTION (TEXT)	SECTOR (TEXT)	EUL YEARS (YR)
NonRes-Behavioral	behavioral programs in non residential settings	NonRes	2.00

- **NTG**

Net to Gross Ratio

NET TO GROSS RATIO ID	NTG DESCRIPTION (TEXT)	NTG ELECTRIC (RATIO)	NTG GAS (RATIO)
RCT-Default	Custom, experimental savings, e.g. using Randomized Control Trials (RCT)	1.0000	1.0000

Issues and Comments – Measure Screening Committee (MSC)

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Proposal Review Comments from the Cal TF - MSC

- ✓ Strategy needed to reconcile double-counted savings
 - HER program evaluates overlap at the end of the year.
 - Communication between programs will need to be established.
 - PA EM&V process is a key part of this.
- ✓ Concern over the need to establish equivalent control and treatment groups
 - Question whether to establish groups by climate, business type, consumption level, etc – expected large heterogeneity in groups as opposed to residential program.
- ✗ Maintain a statewide approach to this measure
 - Initially, the measure will be piloted/focused in SCE territory.
 - After refining - it could be expanded to other territories.

Proposal Review Comments from Cal TF Members

- ✓ Stakeholder comment 1
 - Description of how comment was addressed
- ✓ Stakeholder comment 2
 - Description of how comment was addressed
- ✗ Stakeholder comment 3
 - Explain why comment was not addressed

Updated based upon comments received during the meeting

Proposal Review Comments from _____

- ✓ Stakeholder comment 1
 - Description of how comment was addressed
- ✓ Stakeholder comment 2
 - Description of how comment was addressed
- ✗ Stakeholder comment 3
 - Explain why comment was not addressed

Updated based upon comments received during the meeting

Questions or Comments?

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Updated based upon comments
received during the meeting