

THE
CADMUS
GROUP, INC.

Report Outline

Net-to-Gross Advisory Group

Hossein Haeri
Tina Jayaweera
January 30, 2012

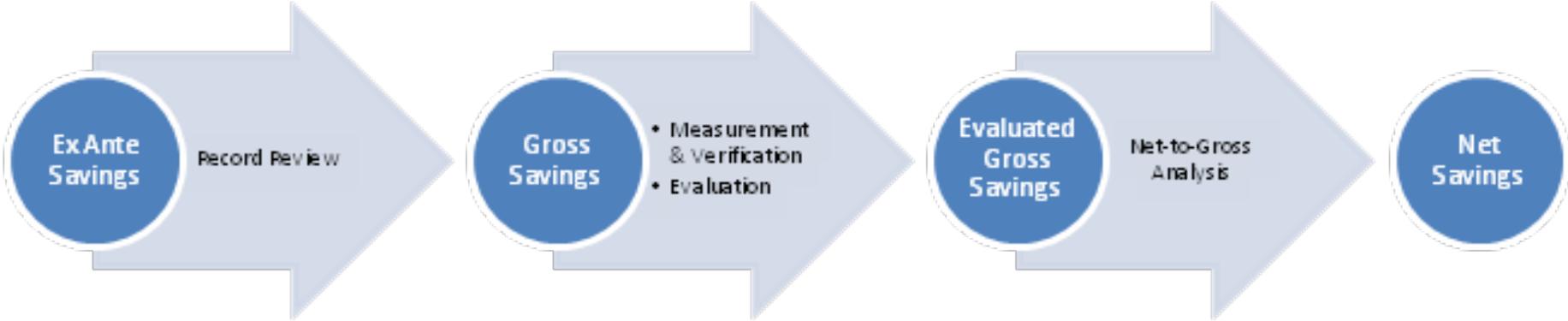
Cadmus Progress to Date

- Cadmus' role: Convene and coordinate Technical Advisory Groups and deliver final protocols and supplemental sections.
- Advisory Group Progress:
 - Technical Advisory Groups: Validity and Usability
 - Strong participation, regular, timely feedback
 - Some challenges, but mostly expected
 - New Net-to-Gross Technical Advisory Group
 - Reasonable progress, still some issues to be resolved

Protocol Progress

- Protocol Progress
 - Phase 1 measure protocols – 3 down, 4 to go
 - Final document outline – final draft
 - Phase 2 measures – final draft
 - Technical experts
 - Recruitment tougher than expected, more time and labor intensive
 - Considerable enthusiasm, compensation seems adequate, desire for recognition
 - Need to begin Phase 2 recruitment sooner than later
 - Coordination and collaboration – RTF, BPA, NEEP

Definition of Savings



UMP Report Structure

- Acknowledgements
- List of Acronyms and Abbreviations
- Executive Summary
- Introduction
- Measure Protocols
 - Billing analysis
 - Energy Simulation
 - Specific protocols

UMP Report Structure, II

- Estimating Demand and Peak Load Impacts
- Net-to-Gross Analysis
- Sample Design
- Data Development
 - Survey Design and Implementation
 - Metering
- Other Evaluation Issues
- Evaluation, Measurement, and Verification Planning
- Top-Down Methods (?)

NTG in the Context of UMP

- NTG not in the initial UMP plan, later included by popular demand
- Definition of and components of NTG:
 - Primary components (included)
 - Freeridership
 - Spillover (participant and non-participant)
 - Secondary elements (discussed as “other evaluation”):
 - Rebound
 - Persistence
 - Leakage

Some Observations on NTG

- Freeridership and spillover effects are difficult to measure accurately and methods used to measure them are imprecise
- There is no universally accepted approach to measurement of NTG
- Measuring spillover effects, particularly non-participant spillover, are tough and expensive
- More than two-thirds of all evaluation studies reviewed in a recent best-practices study had a net-to-gross value of approximately 1.0, especially at the portfolio level
- Treatment of NTG varies across jurisdictions – performance measurement vs. planning applications
- NTG tends to have a small impact on TRC and the SCT

Treatment of NTG - 32 Jurisdictions, 25 EERS in place

State Mandate to Use Net to Gross

