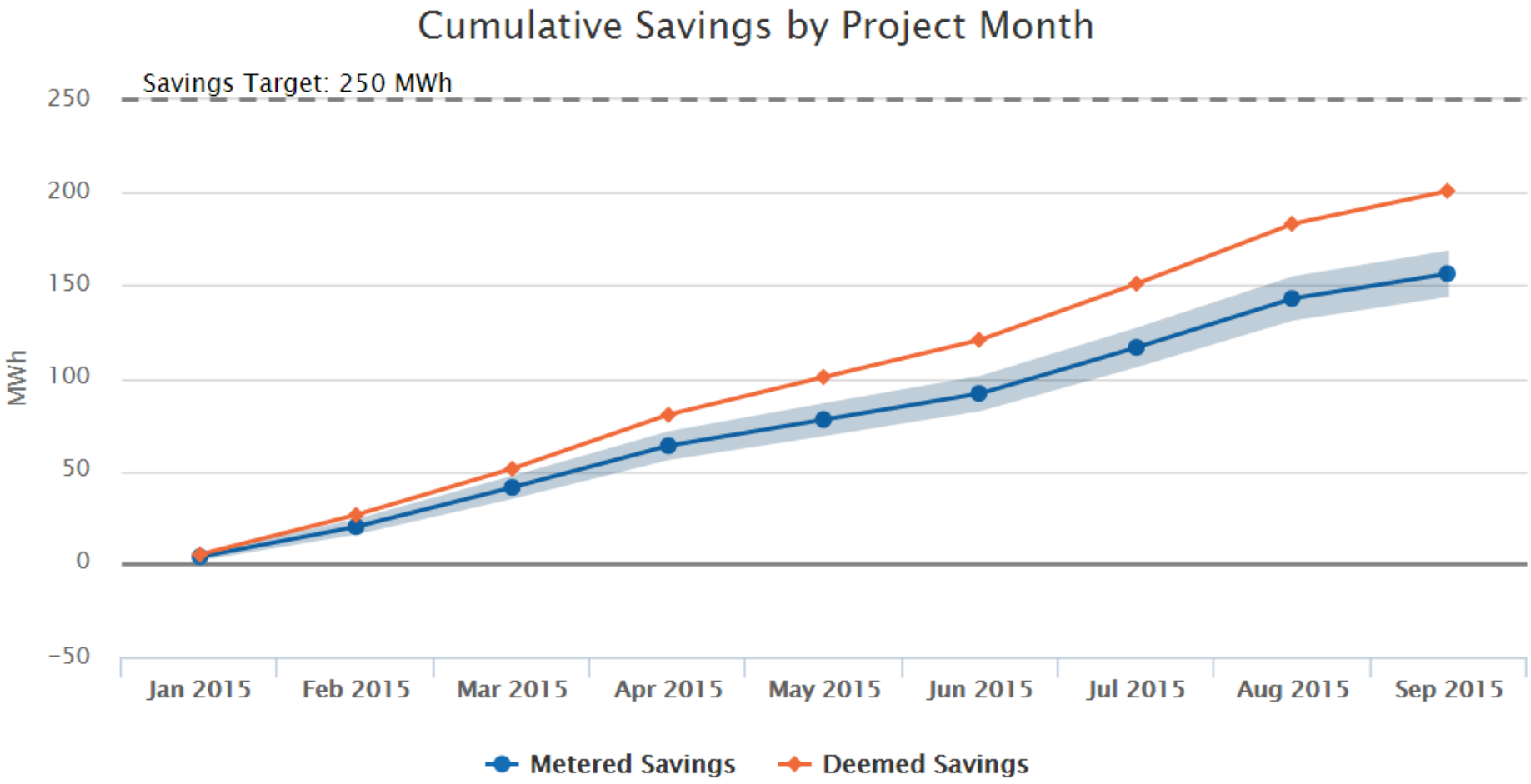
Key Points

1. Meter data + “automated M&V” provides “internal performance analysis during deployment”*
   - Added benefit: Enable in-flight program changes for better results and optimal ratepayer benefits
2. Accessible data and methodology are understood and interpreted by various stakeholders
3. Meter data is not a silver bullet – all programs do not fit metered measurement approach
4. Continuous and automated M&V enables the next generation of EE with data on location and time of savings

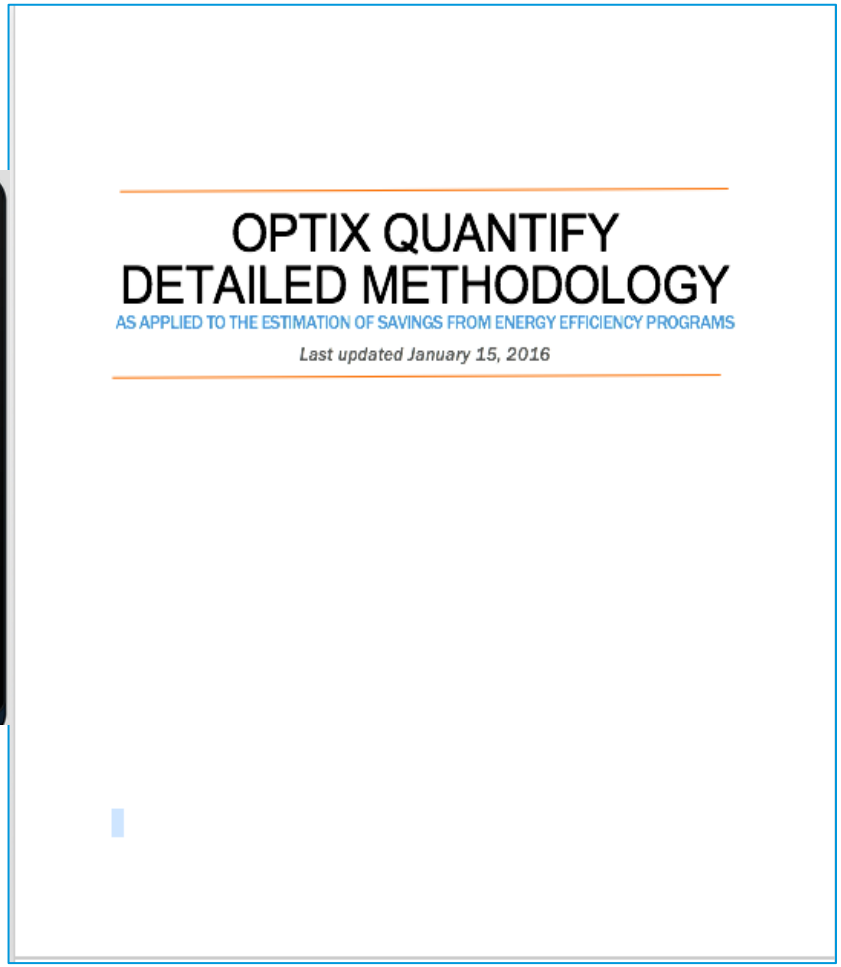
*Rulemaking 13-11-005: Decision Re Energy Efficiency Goals for 2016. p.46

1. Continuous, automated measurement

Performance analysis during deployment



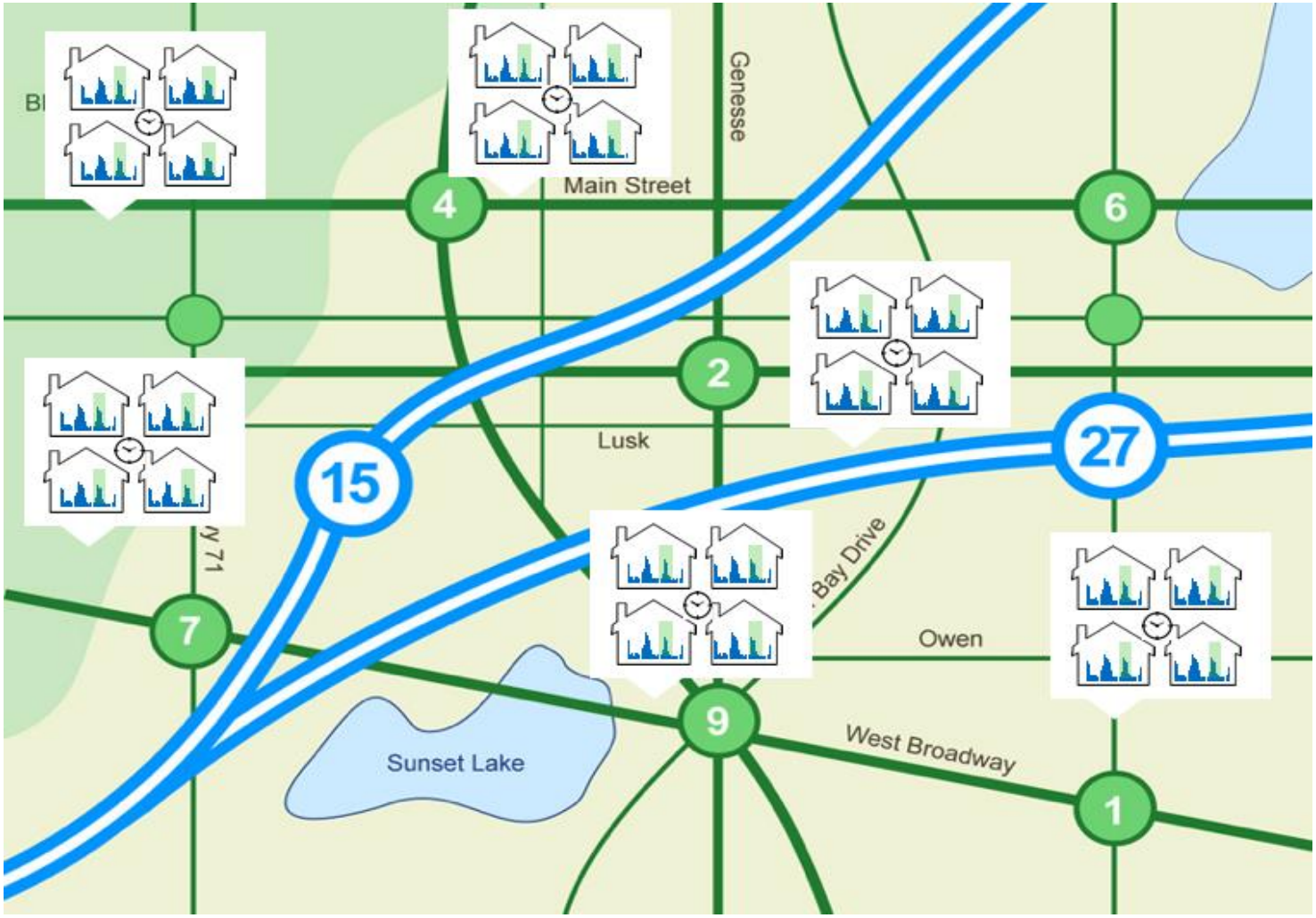
2. Accessible results are shared and understood by stakeholders



What can be measured at the meter?

	2013 EE Incentives	Comments
Lighting	$128M	Upstream vs. downstream
HVAC	$87M	Comprehensive and interactive effects
Process	$33M	Deserves unique attention
Whole House	$31M	Large number of variables
Refrigeration/ Freezer	$17M	Large variance in signal-to-noise
Plug Loads	$12M	Behavior-driven, IoT
Shell	$5M	Comprehensive and interactive effects
*Source: 2013 IOUs Compliance Filings		

4. Time and location can be measured continuously



Tim Guiterman
Director, Quantify Solutions
(802) 557-4755
tim@energysavvy.com

ENERGYSAVVY