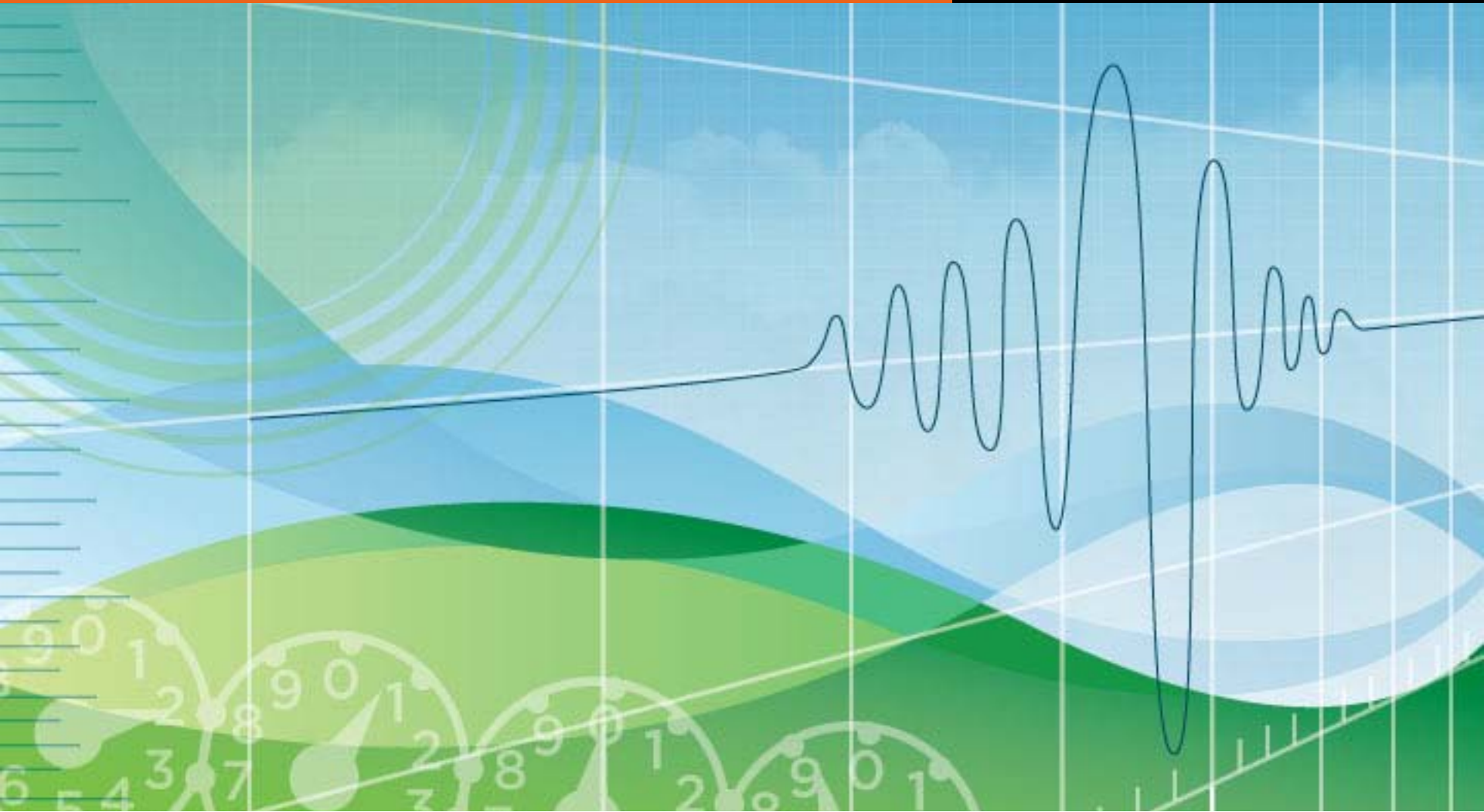




U.S. DEPARTMENT OF
ENERGY



UNIFORM METHODS PROJECT

Jointly managed by the DOE Office of Electricity Delivery and Energy Reliability and the Office of Energy Efficiency and Renewable Energy



Bring Uniformity and Transparency to Energy Savings Calculations for Energy Efficiency Programs

- Strengthen credibility of savings calculations through greater consistency and transparency.
- Simplify comparison of savings across similar efficiency programs and measures in different jurisdictions.
- Reduce the development costs of evaluation, measurement, and verification (EM&V).
- Increase the acceptance of reported energy savings by the financial and regulatory communities.

Why is this Project Needed?



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- **Seventeen technical reference manuals have been identified, covering 21 states and DC (as of spring 2012)**
- **Savings estimates for identical measure varied from 2 – 10x**
- **Widespread use of the UMP protocols could provide consistency across TRM's**



Develop and Publish 15–20 Protocols for Savings Calculations of Energy Efficiency Measures

- Addresses most common residential and commercial efficiency measures in utility-run programs
- Presents step-by-step calculations for determining gross savings
- Include additional sections to address cross-cutting evaluation requirements
- Adoption is voluntary



Protocols for Efficiency Measures (Phase 1)

- Refrigerator recycling
- Commercial lighting
- Commercial lighting controls
- Residential lighting
- Residential furnaces and boilers
- Commercial unitary and split system air conditioning equipment
- Whole-building retrofit

Cross-Cutting Protocols

- Sample design
- Survey design
- Metering
- Calculation of peak impacts
- Other evaluation topics (including rebound and persistence of savings)



Protocols Developed In Collaboration With EM&V Industry and Major Energy Efficiency Stakeholders

- Protocols developed in collaboration with energy efficiency program administrators, stakeholders, and EM&V consultants
 - Including the major U.S. firms that do as many as 70% of energy efficiency evaluations
- Industry review process allows for input from large array of stakeholders
 - 636 comments from 46 organizations



- **Timeline**
 - The first set of protocols have been published
 - Phase 2 is being scoped
- **Protocols provide a basis for estimating impacts of energy-savings measures.**
- **Support the adoption of the protocols within your organization or your member organizations.**



- **For more information visit:**
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