



Deemed Savings Engine Demonstration

July 28, 2015





Agenda

Introduction to Frontier

TRM Challenges

Deemed Savings Engine

Platform Demonstration

Frontier Advantage

Question and Answer



Frontier Associates

- Established in 1999
- Based in Austin, TX
- Variety of services
 - **EnerTrek Software Solutions**
 - **Engineering and Technical Services**
 - Program Design and Implementation
 - Program Evaluation
 - Regulatory Consulting



TRM Challenges

- Objectives of a TRM
 - Centralize and document standards
 - Improve transparency, consistency, and accuracy
- Challenges Adhering to the TRM
 - Many measures and programs
 - Multiple implementers and tracking mechanisms
 - Ongoing revisions



Deemed Savings Engine (DSE)

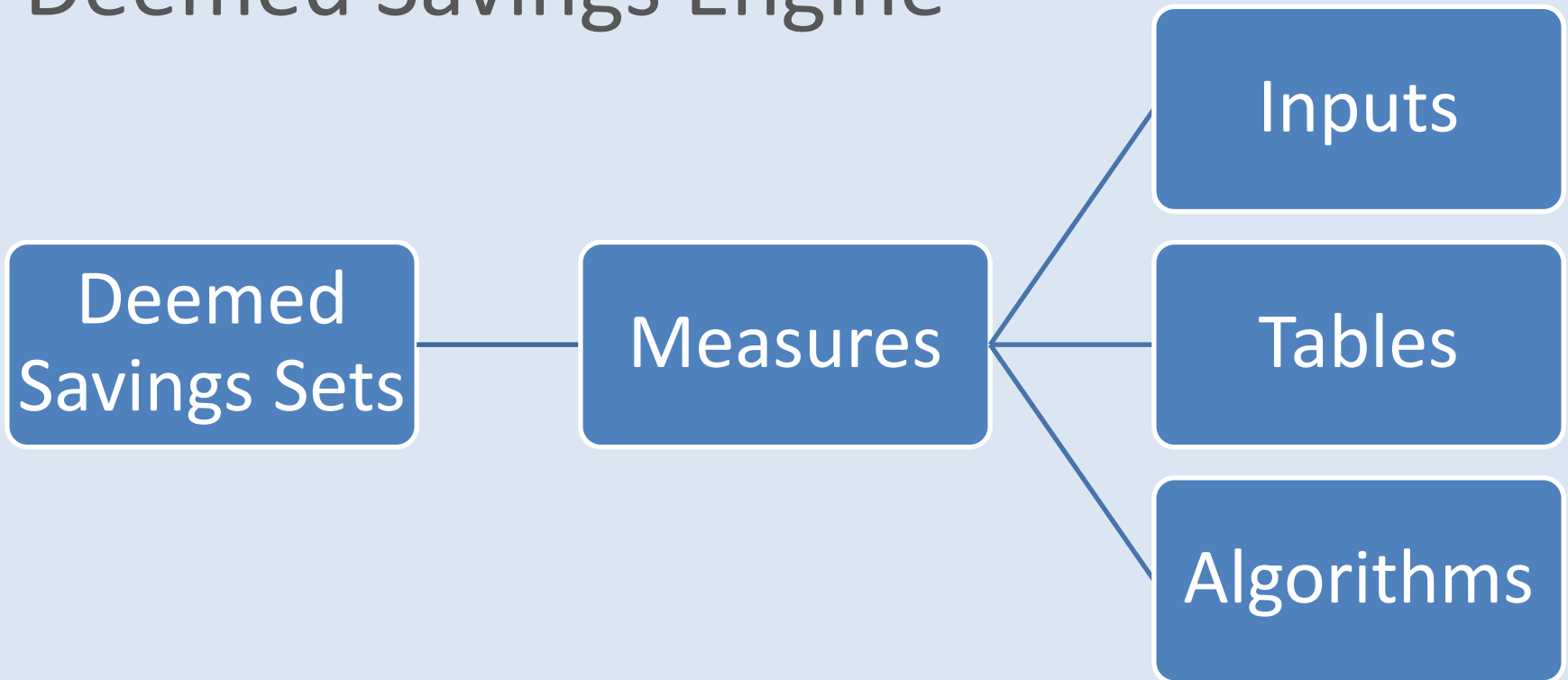


Centralized management and facilitation of TRM calculations and standards



What is the DSE?

Deemed Savings Engine





DSE Flexibility

- Highly scalable
- Easily maintained
- Automatic versioning



DSE Components

- **Calculation Portal**
 - Instantaneous impact calculations
- **Control Panel**
 - View and manage measure calculations
- **Batch Processing**
 - Calculate outputs for a batch of measures
- **API (Application Programming Interface)**
 - Seamlessly integrate with other systems

DSE Demonstration





DSE Benefits

- **Increases Transparency**
 - DSE Calculation Portal
 - Management Interface
- **Promotes Consistency**
 - Within a utility's portfolio
 - Across utilities within the state
- **Ensures Accuracy**
 - Central Engine
 - Batch Testing Feature
- **Reduces Portfolio Administrative Costs**
 - Update in one place
 - Share the expense of updates
 - Reduction of time and effort in dealing with errors



Frontier Advantage

- Decade and a half experience...
 - Developing Deemed Savings and TRMs
 - Delivering impact calculations via software
- Comprehensive Services:
 - Initial Engine Setup
 - Ongoing Management
 - Stakeholder Training and Support
 - Integration Support



Proven Success

- DSE deployed in 3 states: TX, AR, NM
- Used by 18 utilities
- Integrated with a dozen tracking systems

Questions and Discussion

