

The Smart Meter Texas Portal

Presented By

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Texas Competitive Electric Market Smart Meter Texas Portal



Texas Smart Metering - Welcome - Microsoft Internet Explorer

Address: C:\job -- Current Projects\Texas AMS\Prototype TCWP Demo 13 July 2009\index.html

SMART METER TEXAS Español

A very **smart way** for Texans to **manage electricity!**

Current User Log In

User ID:

Password:

[New User Register](#) [Log In](#)

[Forgot User ID?](#)
[Forgot Password?](#)

[Home](#) [Residential](#) [Business](#) [3rd Party](#) [REPs](#) [TDSPs](#) [Regulators](#) [Learn More](#)

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Welcome to Texas Smart Metering UI Prototype Demonstration

This is a prototype of the Texas Smart Metering user experience.

It simulates a user's interaction and system behavior for two scenarios!

You can...

- Select buttons and links on scenario paths
- Enter data on forms
- Get a feel for how the system will behave

Let's try the scenarios for a

- [Residential User](#)
- and then a [REP Admin](#)

Done, but with errors on page.

My Computer

Texas Competitive Electric Market Smart Meter Texas Portal



Project History

DATE	DESCRIPTION
November 7, 2007 through Early 2009	AMIT (Advanced Metering Implementation Team made up of representatives from the Texas Market) defined functional and technical requirements for the portal
December 18, 2008	RFP issued to twelve qualified vendors
March 20, 2009	Conducted selection process and notified winning vendor - IBM
March/April 2009	Negotiated contracts, including a Texas-Based Call Center and Data Center
April 8, 2009	Began 8 week Macro Design phase of M1, M2, and M3 requirements architectural and business functionality blue print
June 1, 2009	Began 10 week Micro Design phase for M1 functionality
June 8, 2009	Conducted Macro Design <u>Security Audit</u> by outside security firm
July 6, 2009	Began 12 week combined Macro and Micro Design phase for HAN baseline functionality

Project History - Continued

DATE	DESCRIPTION
July 13, 2009	Began 8 week combined Macro and Micro Design phase for Settlement functionality
August 10, 2009	Began Build through Deployment phase for M1 functionality
September 7, 2009	Began Build through Deployment of Settlement functionality
<i>Target September 28, 2009</i>	Begin Build through Deployment of HAN baseline functionality
<i>Target October, 2009 – January, 2010</i>	Conduct Additional Security Reviews / Penetration Tests

Texas Competitive Electric Market Smart Meter Texas Portal



Texas Competitive Electric Market Smart Meter Texas Portal



Smart Meter Texas - Register - Microsoft Internet Explorer

Address: pe TCWP Demo 3 September 2009\public\en\register\residential_create_personal.html

SMART METER TEXAS

Register

[Home](#) > [Select Account Type](#) >

Create a Residential Customer Account

- You must provide the following information to register for our web site.
- We will send a confirmation email to you.
- You must follow the instructions in the email to complete setting up your account.

* indicates a required field.

Personal Information

* First Name:
Middle Initial:
* Last Name:
Suffix:
Phone: - - Ext.
* Email address:
* Re-enter email address:
Language Preference:

Security

* User ID:
* ESI ID:
* Meter Number:

Terms and Conditions

WEBSITE TERMS AND CONDITIONS
Created: ____ 20__

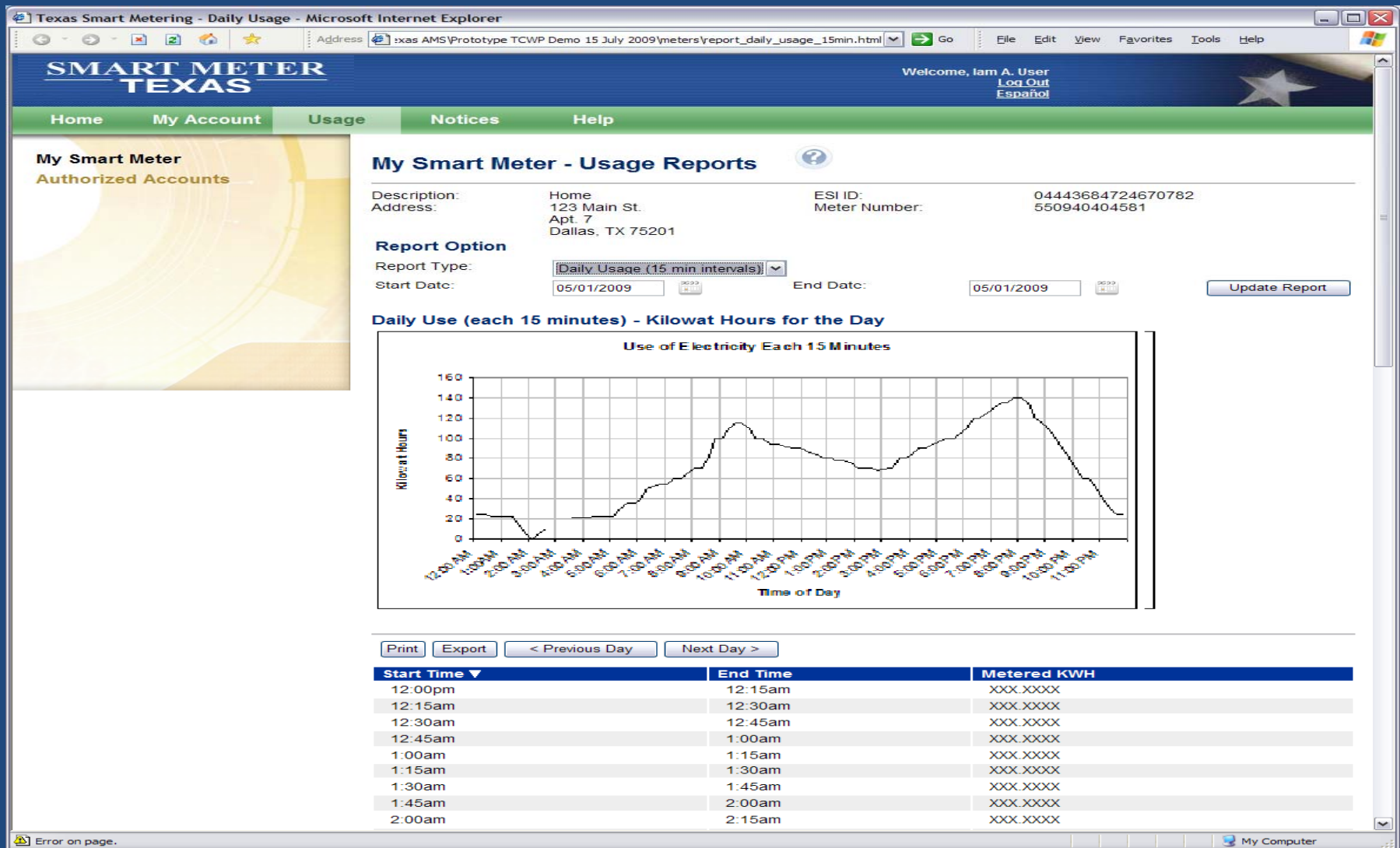
These Website Terms and Conditions (these "Terms") set forth the terms and conditions for use of this website (this "Website") to gain access to the Texas Common Portal and Data Repository (the "Web Portal"). In these Terms, "you" or "your" refers to any user of this Website, and "we" or "us" or "our" refers to the owner(s) or operator(s) of this Website.

Please read these Terms and the information referred to or linked to in these Terms carefully and ensure you understand them. From time to time, we may unilaterally modify these Terms, so it is

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Smart Meter Texas Portal



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Meter Interval Usage

HAN Messages

Meter Attributes

Customer Premise

Meter Provisioning



Demand Response

Settlement

Pricing

Text Messaging

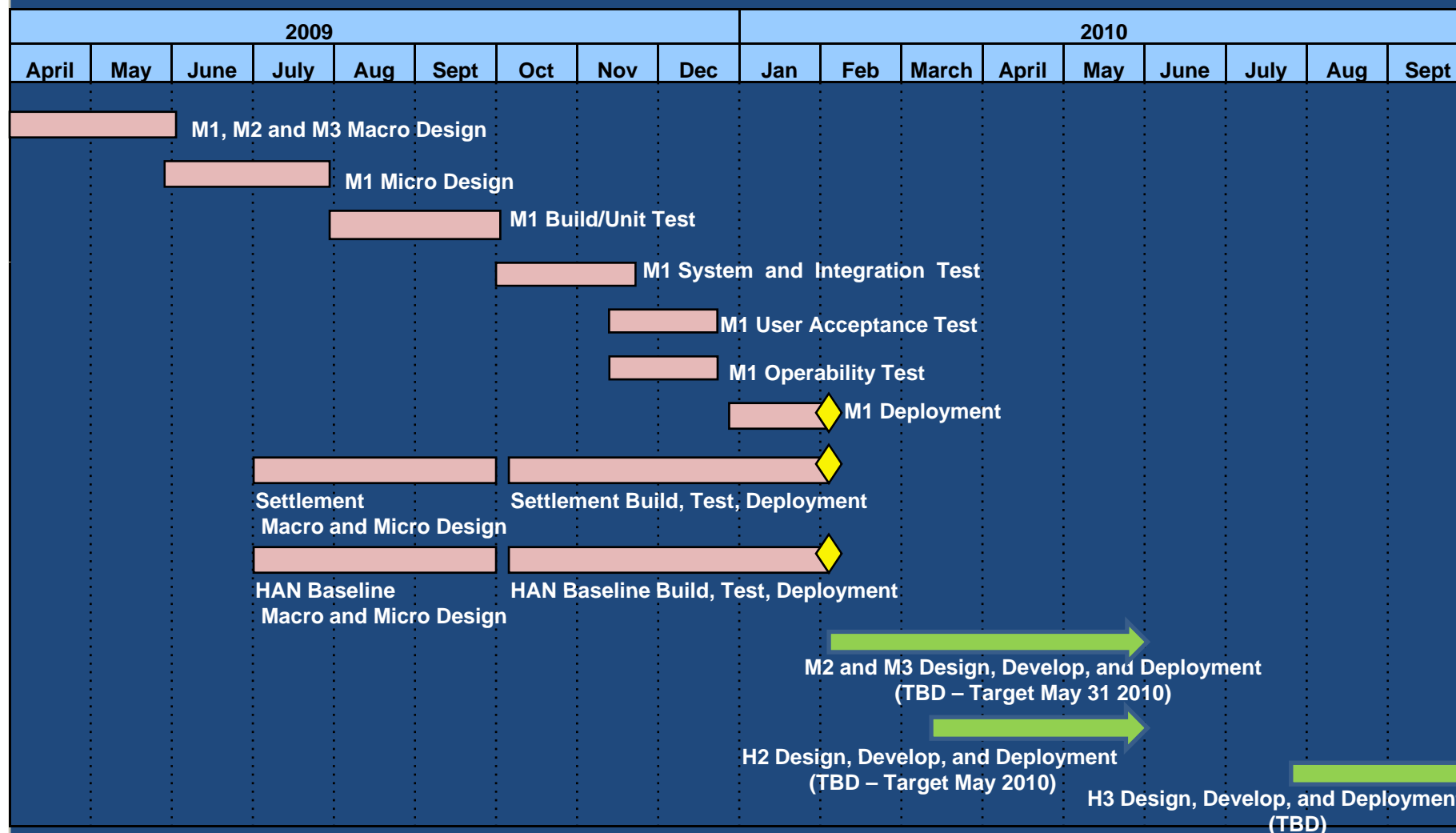
Presentment

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Release Schedule



Future Concepts

- **Consumer**
 - Pricing Signals
 - Time-Of-Use
 - Pay As You Go
 - Energy Management / Conservation
 - Financial Incentive Real-Time Load Management
- **ERCOT**
 - Settlement On Actual Usage At 15 Minute Intervals
 - Integrate With Existing Load Settlement Processes
 - Eventual ERCOT Governance Of The Smart Meter Texas Portal Opens Possibilities
 - Settlement Outside Whole Day Ownership (Move Out at 3:15 PM)
 - Real-Time Transactions
 - Move Out, Move In, Switches
 - Reduce Database Production Copies
 - Enhancing Portal Concept To Support Authorized 3rd Parties For Other Services

Future Concepts - Continued

- **Retail Electric Providers (REPs)**
 - Development Of Additional Pricing Options
 - Implementation Of New Products
 - Utilizing The Home Area Network
 - More Innovation / Competition
- **TDSPs**
 - Integration Of AMS With Other SmartGrid Initiatives
 - Outage Management Systems
 - Distribution Automation
 - Distribution Management Systems (Like SCADA For Transmission)
 - Distribution Planning Activities
 - Support Of Future Initiatives Beyond Smart Energy Profile 1.0
 - Alternative Emergency Load Curtailment Alternatives

Thank You For The Opportunity To Provide An Overview Of The

Smart Meter Texas Portal

Are There Any Questions?