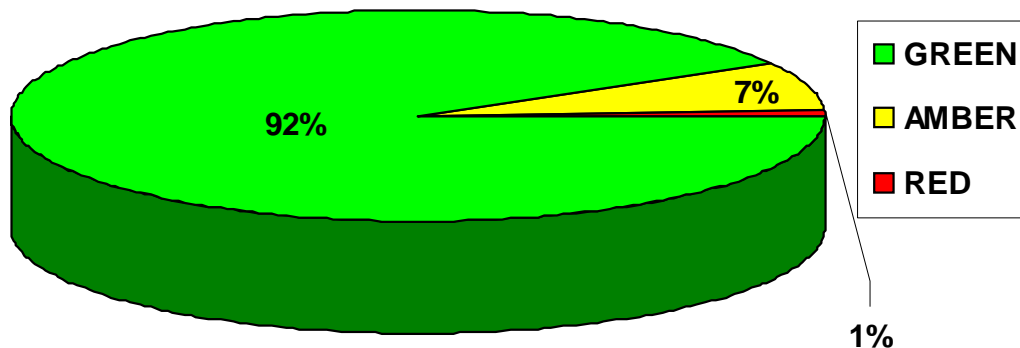# Load Resource Registration Update

Dana Showalter

March 7, 2008

Resource Registration Status (MP11)
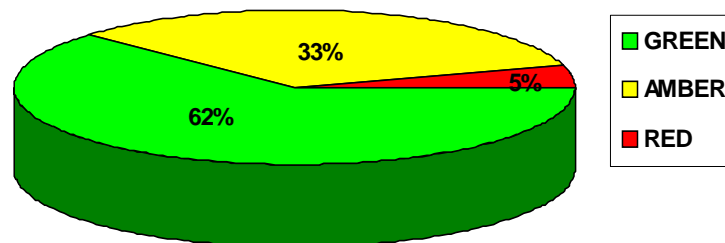
LOAD RESOURCE RAG SCORES
(Count of Load Resources)

92%

7%

1%

- GREEN
- AMBER
- RED

as of February 29, 2008

- **Load Resources represent 20% of Resources by Count**

- **Load Resources represent 2.3% of Resources by MW**

LOAD RESOURCE MP11 SCORES
(Count of Load Resource RARFs)

33%

62%

5%

- GREEN
- AMBER
- RED

as of February 1, 2008

Resource Registration – Current Activities

- **Any submittal not received by March 15 will not be included in the pre-population of the final RARF**

- **RARFs - Quality vs. Quantity**
  - Final RARF will require all fields be complete.
  - Quality check and validation of information may lead to rejection of RARF

- **Created email list "ResourceRegistration" to communicate:**
  - Market-wide issues with RARF fields
  - Answers to common questions
  - Posting of presentations, guides, and other supporting documentation
  - Sign up at http://lists.ercot.com

- **Scheduled workshops – to address data completeness and quality**
  - By Resource Type – Load Resource Workshop is on March 20, 2008
  - Simultaneous presentation at Taylor Facility and via WebEx
  - Register through LMS

Resource Registration Workshops

- **By the end of these workshops, attendees should have a solid understanding of the data being requested on the RARF and how it will be used by ERCOT Nodal systems.**

- **To achieve this goal, ERCOT will take the following steps:**
  - Review the data fields on the RARF section by section to assist attendees with completing and understanding the form
  - Review key sections where there are market-wide inconsistencies
  - Make experts available to field questions

- **Attendees of this workshop should be ready for the following:**
  - Review RARF submittals and guides prior to attending the class
  - Submit specific comments or questions to NodalMarketTransition@ercot.com in advance, if possible
  - Use the information from this workshop to review and revise final, pre-populated RARF prior to official submittal

- **Load Resource Registration Agenda**
  - Review New Form
  - Load Resource Information
  - Nodal Parameters
    - Non CLR Parameters
    - CLR Parameters
- **Registration and Attendance:**
  - Registration is being managed through the Learning Management System (http://www.ercottraining.com)
  - Select the proper section – by resource type and by attendance (Taylor or WebEx)
  - Workshop is scheduled from 9:30 until 2:00, but may be done by noon.
  - Attendees from all Resource Entities and associated facilities, including QSEs, are encouraged, but not required. Participation will be documented

Resource Registration Form

- **Load Resources will have at least two tabs**
- **Workshop will review the format/use of new form**

ERCOT Confidential				
Map of the ERCOT Nodal Resource Asset Registration Form				
This worksheet tab identifies the necessary worksheets and provides links to the pages.				
Worksheets included in this form:	**Used by:**	**Links to Worksheet Tab:**	**RARF Guide / Protocol Reference**	**% Complete**
Instructions	All Generation and Load Resources	*Instructions*	RARF Guide: Section X	0%
Spreadsheet Map (this page)	All Generation and Load Resources	*Map (this page)*	RARF Guide: Section X	0%
General Information	All Generation and Load Resources	*General Information - ALL*	RARF Guide: Section X	0%
Unit Information	All Generation Resources except Wind or CC	*Unit Info - GEN*	RARF Guide: Section X	0%
	All Combined Cycle Resources	*Unit and Train Info - CC*		0%
	All Wind Resources	*Unit Info - WIND*		0%
Resource Parameters	All Generation Resources	*Resource Parameters - ALL*	RARF Guide: Section X	38%
Operational Resource Parameters	All Generation Resources	*Operational Resource Parameters - ALL*	RARF Guide: Section X Nodal Protocols 3.7.1	0%
Reactive Capability	All Generation Resources except Wind	*Reactive Capability - GEN, CC*	RARF Guide: Section X	0%
	All Wind Resources	*Reactive Capability - WIND*		0%
GSU Transformer	All Generation Resources	*GSU Transformer - ALL*	RARF Guide: Section X	0%
Private Use Network	All Private Use Networks	*Private Network - PUN*	RARF Guide: Section X	0%
Generation Owned Transmission Assets	All Generation Resources	*Generation Owned Transmission Assets - ALL*	RARF Guide: Section X	0%
Ownership	All Generation Resrouces except CC	*Ownership - GEN, WIND*	RARF Guide: Section X	0%
	All Combined Cycle Resources	*Ownership - CC*		0%
Combined Cycle Configuration Details	All Combined Cycle Resources - Train 1	*Configurations - CC1*	RARF Guide: Section X	0%
		Transitions - CC1		0%
	All Combined Cycle Resources - Train 2	*Configurations - CC2*		0%
		Transitions - CC2		0%
	All Combined Cycle Resources - Train 3	*Configurations - CC3*		0%
		Transitions - CC3		0%
Planning	All Generation Resources except Wind	*Planning - GEN, CC*	RARF Guide: Section X	0%
	All Wind Resources	*Planning - WIND*		0%
	All Generation Resources	*Protection - ALL*		0%
	All Generation Resources except Wind	*Subsynchronous Resonance - GEN, CC*		0%
Load Resource Information	All Load Resources	*Load Resource Information*	RARF Guide: Section X	0%
Load Resource Parameters	All Load Resources	*Load Resource Parameters*		0%

Load Resource Registration – Looking Ahead

- **Load Resource Workshop – March 20, 2008**
- **Freeze data from EDS RARF as of March 15, 2008**
  - Changes needed to data during the database freeze will need to be made to the permanent RARF by the Resource Entity when it is released
- **Pre-populate final RARF between March 18 - April 7, 2008**
- **Send to Resource Entities during the week of April 7, 2008**
- **Official RARF due to ERCOT by May 1, 2008**
  - Incomplete forms or rejected documents will be scored as RED in the scorecard
- **Populate new database with official data as received**
- **Develop project for database with market interface option**

Load Resource To-do List

- **Sign up for ResourceRegistration mail list**
  - Go to http://lists.ercot.com to start this process
- **Sign up for Load Resource Workshop on March 20, 2008**
- **Complete final RARF for Nodal before May 1, 2008**
  - Ensure all information from Zonal LARF is complete on Nodal RARF
  - Ensure Resource Parameters are complete as appropriate
  - Validate pre-populated fields

- **Any additional questions and all submittals regarding the registration process or the RARF should be directed to:**
  - NodalMarketTransition@ercot.com