

**Real Time Dynamics Monitoring System (RTDMS)
and Phasor Grid Dynamics Analyzer (PGDA) TRAINING AGENDA**

ERCOT, Sept 16-17, 2014

RTDMS Training	Name	Day 1
Training Kickoff and ERCOT Project Overview	Bill Blevins	10:00 a.m. – 10:15 a.m.
Using Synchrophasor Technology <ul style="list-style-type: none"> • Fundamentals • Metrics • Real Time Operations Use Cases 	Wayne Schmus	10:15 a.m. – 11:15 a.m.
RTDMS Overview	Kevin Chen	11:15 p.m. – 12:00 p.m.
Navigating RTDMS <ul style="list-style-type: none"> • Launch • Client connection to Server • Streamed data 	Iknoor Singh	
Lunch		12:00 noon – 12:45 p.m.
Navigating RTDMS <ul style="list-style-type: none"> • Navigation and Display Customizing (including GUI) • Replay Function • Save and Export Data 	Iknoor Singh	12:45 p.m. – 2:00 p.m.
Break		2:00 p.m. – 2:15 p.m.
Hands-on Guided Training Exercises (Gen & line Trip) <ul style="list-style-type: none"> • Case Studies of ERCOT interconnection* 	Wayne Schmus / Kevin Chen	2:15 p.m. – 4:15 p.m.
RTDMS & PGDA Training		Day 2
RTDMS Alarms & Events	Kevin Chen	9:00 a.m. – 9:30 a.m.
RTDMS Advanced Monitoring and Metrics	Kevin Chen	9:30 a.m. – 10:00 a.m.
Break		10:00 a.m. – 10:15 a.m.
Hands-on Training Exercises (Oscillations) <ul style="list-style-type: none"> • Case Studies of ERCOT interconnection* 	Wayne Schmus / Prashant Palayam	10:15 a.m. – 12:15 p.m.
Lunch		12:15 a.m. – 1:00 p.m.
Customizing RTDMS Profile	Kevin Chen	1:00 p.m. – 1:40 p.m.
Post event Analysis Using Phasor Grid Dynamics Analyzer (PGDA) Overview	Wayne Schmus	1:40 p.m. – 2:00 p.m.
Use of PMUs for Model validation	Wayne Schmus	2:00 p.m. – 2:30 p.m.
Break		2:30 p.m. – 2:45 p.m.
PGDA Case Studies <ul style="list-style-type: none"> • Frequency Response • Oscillations 	Prashant Palayam/ Sidharth Rajagopalan	2:45 p.m. – 3:45 p.m.
Q&A, Proficiency Evaluation		3:45 p.m. – 4:00 p.m.
EPG Next Generation Solutions Using Synchrophasors	Frank Carrera/ Vivek Bhaman	4:00 p.m. – 5:00 p.m.

* Using ERCOT Synchrophasor System Event Files

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