ERCOT PMO Update

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Fourth Quarter Results (Through 12/31/04)
January 11, 2005

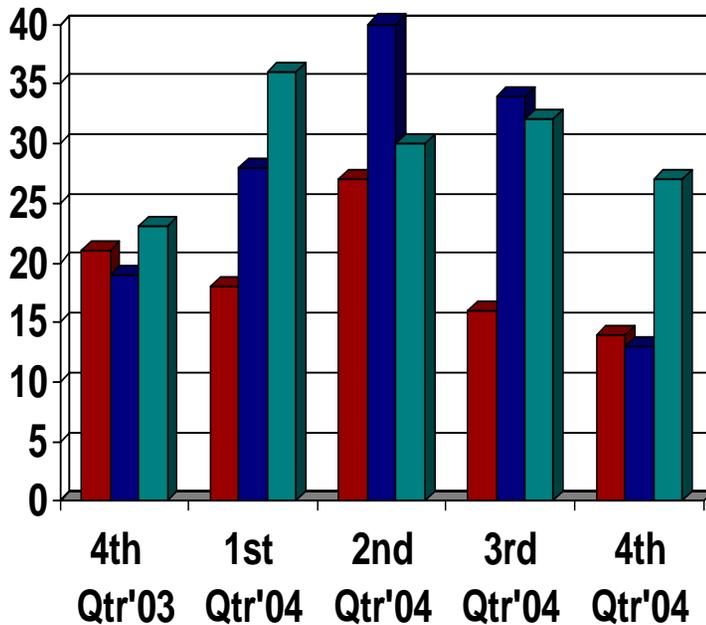**Fourth Quarter Results**

➢ *Through 12/31/2004*
➢ *14 completed, 75 YTD*
➢ *27 in progress*
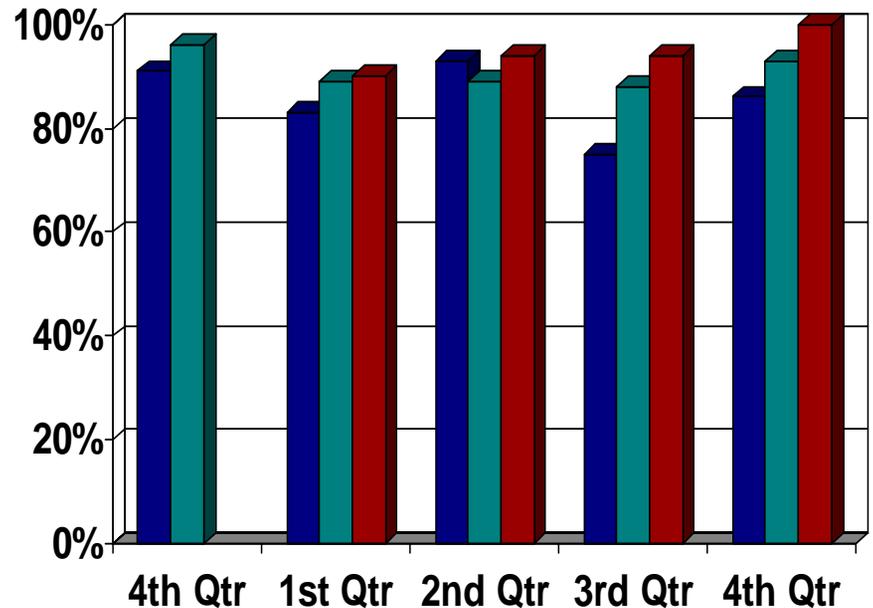➢ *13 in planning*

Project Process Improvements In 2004

➢ *Project Procedures and Documentation Improved*
➢ *MS Project Server 2003 Implemented*
➢ *Program Area Teams Operating with Release Plans*
➢ *CART Teams Implemented Resource Planning*

Project Activity

Project Performance

■ **Completed** ■ **In Planning** ■ **In Progress**

■ **On Time** ■ **On Budget** ■ **Deliverables**

Project Priority List (PPL)

Original 2004 Project Priority List

	Priority 1	Priority 2	Priority 3	No Priority	Total
Original PPL	**56**	**53**	**39**	**10**	**158**
Combined/Canceled	10	13	8	8	39
Active	18	7	1	1	27
Complete	17	9	0	0	26
Reprioritized	8	0	0	0	8

GOAL MET → 95%   55%   23%   90%   63%

New Project Requests for 2004

	Priority 1	Priority 2	Priority 3	No Priority	Total
New & Sub Projects	**105**	**25**	**3**	**9**	**141**
Combined/Canceled	14	7	2	5	28
Active	43	6	0	1	50
Complete	40	9	0	0	49

92%   88%   67%   50%   90%

Project	Total Budget	Actual 10/31	Metrics	
Duration/Information (Sponsor)	*Phase/Scheduled Completion*		*Schedule*	*Budget*
Server Consolidation & Storage (2003-2004)	**$22.6M**	**$20.7M**	🟢	🟢
12 separate projects over 14 mos. (S Jones)	*Execution Phase/4th Qtr 2004*			
Taylor Building (2004-2005)	**$12.9M**	**$10.4M**	🟢	🟢
Construction In Progress (S Jones)	*Execution Phase/1st Qtr 2005*			
EMMS Release 3 (2003-2004)	**$8.2M**	**$7.8M**	🟢	🟡🟢
17 separate projects over 14 mos. (S Jones)	*Nearing Completion /Additional Funds Needed*			
EMMS Release 4 (2004-2005)	**$7.6M**	**$5.6M**	🟡🟢	🟢
20 separate projects over 14 mos. (S Jones)	*Planning Phase/2nd Qtr 2005*			
Commercial System Upgrade (2003-2006)	**$6.0M**	**$3.2M**	🟢	🟢
6 separate projects over 30 mos. (R Giuliani)	*Execution Phase/3rd Qtr 2006*			
Enterprise Data Warehouse (2003-2005)	**$2.9M**	**$1.8M**	🟡🟢	🟢
9 separate projects over 36+ mos. (R Giuliani)	*Execution Phase/4th Qtr 2004*			
Market Oversight Monitoring System (2003-2005)	**$1.9M**	**$1.0M**	🟢	🟢
2 separate projects over 12 mos. (S. Jones)	*Execution Phase/4th Qtr 2005*			

Projects Completed 1ˢᵗ Quarter

➢ **Projects Completed in January**

- ➢ 30004 Texas Set 1.6
- ➢ 30007 NAESB Transport 1.6
- ➢ 30064 Commercial Applications Development System (P Test Prime)
- ➢ 30185 Congestion Mgt Zones
- ➢ 30063 Lawson Procurement System
- ➢ 30182 Node Access System Upgrade

➢ **Projects Completed in February**

- ➢ 40002-01 PUCT Market Monitoring System
- ➢ 30153 Transmission Congestion Rights – Phase 1
- ➢ 30159 Payment for Minimum Energy when OOMC Issued
- ➢ 30083 Seebeyond and Paperfree Upgrades
- ➢ 30047 EDI Transaction Services Upgrade

➢ **Projects Completed in March**

- ➢ 300143-01 MS Project Server – Phase 1
- ➢ 30156 Market Operations QSE Test Environment
- ➢ 30082-02 Commercial Applications System Upgrade (CASUP) Project Phase 1
- ➢ 30173/30178 Facilities Expansion Construction at Taylor locations
- ➢ 30186 SCR 727 Phase 1b
- ➢ 30052-01 TML Phase 1

Projects Completed in April

- 30125 Invalid 814-20 response
- 30172 TCC Computer Rooms HVAC and PDU Upgrades
- 30141 EMS/MMS Hardware Upgrade and Replacement
- 30164 Projector Replacements
- 30181 Network Management System
- 40010 Server Rack Consolidation

Projects Completed in May

- 30151 Database Monitoring Project
- 30082-03 Oracle 9Ii Upgrade
- 30168 Eliminate Resource Specific Deployment for BE
- 40043 Settlements Re-engineering
- 40008 Tier 1 SAN Production Upgrade

Projects Completed in June

- 30148 Release 3 EMMS is 13 of the 17 projects (see next slide)
- 30184-01 HP Openview Hardware & Software Upgrade
- 30158 Tradable Generation Rights Phase 2
- 40002-02 Market Monitoring System Improvements

PR30098: Provide Display for Gen Output/Limits/Monitored Pts

PR30106: Display PF and SCADA on Single One Line

PR30095A: System Map (Power World)

PR30044: Stop Oscillation of Constraint Management

PR40052: CA_RAP Contingency Analysis Enhancement

PR30094: DCP Enhancement (VSAT/TSAT Enhancement) (1st time)

Unconstrained Ancillary Services (No PRR Number)

PR30168: PRR424 Elimination of Resource Specific Deployments (COMM CAT 4)

PR30128: PRR 349 UBES-DBES Ramp Rates

PR30134: PRR373 OOM As Instructed Deviation

PR30122: PRR332 Unit Resource Testing

PR30131: PRR359 Improve Resource Plan

PR30059: Resource Plan Change Indicator

PR30068: Display Print Resource Plan

PR30097: Display Expected Schedule Changes

PR30167: Archival of Shift Factors

PR30169: Handling of Equipment Name Changes

Projects Completed in July

- 30148 EMMS Release 3 - Implemented 4 of 17 Projects
- 30131-02 Improved Resource Plan Phase 1
- 40058 ERCOT as a Resource
- 30184-02-07 Tier 2 Hitachi Data Storage
- 30184-02-08 Alpha Systems Replacement

Projects Completed in August

- 30002 Move In / Move Out (MIMO) for Retail Transactions
- 30052 TML Phase II Retail Portal
- 40020 Proxy Server Upgrades (HTTP/HTTPS)
- 30149 EDW Lodestar Replication

Projects Completed in September

- ERCOT Load Estimation for Settlements
- 30192 A/S Calculations and Provisions for ERCOT Wide Totals
- 30075 Outage Scheduler Enhancements – Phase 1
- 40094 Constraint Activity Manager

➢ Projects Completed in October

   ➢ *30184-02-02 HP Database Server Consolidation*

   ➢ *30052-02 TML Phase II*

   ➢ *30184-02-06 EMC Data Mgt*

➢ Projects Completed in November

   ➢ *30184-02-04 HP Openview Operations*

   ➢ *30014 - Load Research Sampling*

   ➢ *30102 – NICE Playback System*

➢ Projects Completed in December

   ➢ *30143_02 MS Project Server Phase II*

   ➢ *30151 HR Lawson*

   ➢ *40042_02 EDW Data Delivery Module*

   ➢ *40042_03 EDW Application Foundation*

   ➢ *40042_05 EDW_BI Foundation Ph I*

   ➢ *30184_05 Data Center Upgrade/Aperture*

   ➢ *40074 ETS SIR Enhancements*

   ➢ *30184_02_03 Altiris*