

December 30, 2011

The Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Entergy Services, Inc., Docket No. ER05-1065-000
The ICT's Quarterly Performance Report

Dear Secretary Bose:

The Southwest Power Pool, Inc. ("SPP"), as the Independent Coordinator of Transmission ("ICT") for the Entergy Services, Inc. ("Entergy") system, hereby submits the ICT's Fourth Quarterly Performance Report for 2011, in accordance with the Federal Energy Regulatory Commission's orders approving the establishment of the ICT and section 7 of Attachment S in Entergy's Open Access Transmission Tariff ("OATT").¹

The ICT will serve a copy of this report to all Interested Government Agencies and will make the report publicly available by posting it electronically on SPP's website and Entergy's OASIS.

If there are any questions related to this matter, please contact the undersigned at the number listed above.

Respectfully submitted,

/s/ David S. Shaffer
David S. Shaffer

Counsel for the ICT

Attachments

¹ See Entergy Services, Inc., 115 FERC ¶ 61,095, order on reh'g, 116 FERC ¶ 61,275, order on compliance, 117 FERC ¶ 61,055 (2006), order on reh'g, 119 FERC ¶ 61,187 (2007).



**Independent Coordinator of
Transmission (ICT) for Entergy -
Quarterly Performance Report**

September 1, 2011 – November 30, 2011

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1. Overview

1.1 Entergy

Entergy Services, Inc. (Entergy) is a service company providing services for the Entergy Operating Companies, which are a part of a multi-state public utility holding company system. The Entergy Operating Companies include Entergy Arkansas, Inc. (EAI), Entergy Gulf States Louisiana, LLC, Entergy Louisiana, LLC, Entergy Mississippi, Inc., Entergy New Orleans, Inc., and Entergy Texas, Inc. Entergy provides electricity to 2.7 million utility customers in Arkansas, Louisiana, Mississippi, and Texas. The Entergy Operating Companies have 15,500 miles of 69 kV – 500 kV transmission lines and move about 23,000 megawatts (MW) of power across the interconnected lines in a 112,000 square-mile area. Entergy also operates more than 40 generating plants using natural gas, nuclear, coal, oil, and hydroelectric power with approximately 30,000 MW of electric generating capacity.

1.2 Independent Coordinator of Transmission (ICT)

On May 27, 2005, Entergy submitted to the Federal Energy Regulatory Commission (hereinafter, FERC or Commission), on behalf of the Entergy Operating Companies, a proposed revision of its Open Access Transmission Tariff (OATT or Tariff) reflecting its proposal to establish an ICT for its energy system and a WPP. In its filing, Entergy identified Southwest Power Pool, Inc. (SPP) as the candidate it had chosen to perform the function of the ICT¹. On April 24, 2006, in Docket No. ER05-1065-000 (hereinafter, ICT Approval Order), the Commission found that SPP, operating as a Regional Transmission Organization (RTO), was sufficiently independent to serve in the capacity of the ICT for Entergy for an initial four-year term. Consequently, the Commission approved the tariff changes filed by Entergy and SPP initiated its duties, as set forth in Attachment A of the ICT Agreement and further defined in Attachment S of Entergy's OATT, on November 17, 2006, with select reliability functions starting on November 1, 2006.

On November 16, 2010, in Docket No. ER10-2748-000, the Commission accepted a revised and restated ICT Agreement that extended the ICT arrangement for an additional two-year term (i.e., through September 1, 2012).

¹ The ICT operates as a functional division of SPP. Accordingly, unless otherwise noted, references to "ICT" and "SPP" are used interchangeably in this report.

1.3 ICT Duties Pursuant to Attachment A of the ICT Agreement

- 1.3.1** Act as Reliability Coordinator for Entergy's transmission system.
- 1.3.2** Calculate Available Flowgate Capability (AFC) and grant and deny requests for transmission service under Entergy's OATT.
- 1.3.3** Grant and deny requests for interconnection service under Entergy's Large Generator Interconnection Procedures (LGIP) and Large Generator Interconnection Agreement (LGIA).
- 1.3.4** Operate Entergy's Open Access Same-Time Information System (OASIS).
- 1.3.5** Perform a regional planning function.
- 1.3.6** Implement Entergy's transmission expansion pricing proposal, including preparation of the Base Plan.
- 1.3.7** Oversee the planning and operation of Entergy's transmission system, as well as Entergy's WPP.
- 1.3.8** File such reports as may be required by the ICT Agreement, Attachment S of Entergy's OATT, or as otherwise required by the FERC or Entergy's Retail Regulators.
- 1.3.9** Conduct stakeholder meetings.

1.4 Reporting

In accordance with section 7 of Attachment S of Entergy's OATT, SPP provides quarterly reports to all Interested Government Agencies pertaining to the ICT's performance. Also, in the ICT Approval Order the FERC required that SPP prepare a yearly report to measure the success of the ICT and the WPP in meeting Entergy's claimed objectives and to ensure that market participant concerns are being adequately addressed.

This quarterly report addresses current ICT duties and briefly discusses WPP operations. In addition, this report contains operational results from the current reporting period and includes a presentation of certain historical data to permit a comparative analysis of the ICT's performance in areas such as reliability and tariff administration.

1.4.1 No persons, party, or agent including Entergy, Market Participants, Interested Government Agencies, or any other administrative oversight group has been given authority to screen the findings, conclusions, and recommendations contained in this report. Entergy, and any Market Participant so choosing, shall have forty-five (45) days to respond to this report.

1.4.2 This report shall be forwarded to each of the Interested Government Agencies and will be made publicly available, subject to redaction or other means necessary to protect the confidentiality of certain report aspects.

1.5 Arkansas Public Service Commission (APSC) Public Hearing

As previously reported, the APSC initiated a general proceeding in Docket No. 10-011-U to examine transmission issues affecting electricity service within Arkansas and to consider succession options following EAI's withdrawal from the Entergy System Agreement (ESA) effective December 18, 2013. The APSC specifically directed SPP to report on two matters that directly implicate the operation of the ICT: (i) Entergy's and/or EAI's possible membership in a RTO or operating as a stand-alone entity; and (ii) completion of a seams agreement between Entergy and SPP.

1.5.1 Entergy and EAI RTO Membership

As previously reported, the APSC held an evidentiary hearing on September 7-9, 2011, on matters associated with EAI's scheduled exit from the ESA in 2013 and its decision to join the Midwest Independent Transmission System, Operator, Inc. (Midwest ISO) as a full participating member. Parties submitted Post-Hearing briefs on September 19, 2011.

On October 28, 2011, the APSC issued Order No. 54 which is available at: http://www.apscservices.info/pdf/10/10-011-u_655_1.pdf. Order 54 provided guidance on EAI's post-ESA options. The APSC opined that the two "remaining, viable reorganization options for post-ESA operations are: (1) EAI as a stand-alone utility with third party pooling and other service arrangements on a short term basis; and (2) EAI as a stand-alone utility as its own member of an RTO, either MISO or SPP." The APSC further opined that "the option to join SPP remains a viable choice among RTO alternatives and excluding SPP at this juncture is not appropriate."

With respect to the issue of RTO governance, the APSC explained in Order 54 that the governance structure of an RTO is a key factor to the APSC's opinion regarding EAI's future RTO membership. The APSC stated that it expects the retail regulator group of the RTO that EAI joins to have legally-recognized responsibility for: determining regional proposals and the transition process regarding cost allocation; assessing resource adequacy across the RTO region; and

determining transmission upgrades to be included in the regional transmission planning process. The APSC recognized that this authority already exists in the SPP Regional State Committee governance structure, but not in Midwest ISO.

In Order 54, the APSC found merit in the argument that the “public interest” standard governs the APSC’s consideration of a utility’s request for approval to transfer operational control of its transmission assets to an RTO and was further persuaded that proper application of the “public interest” standard requires a consideration of the effect of decisions made in this proceeding on all Arkansas ratepayers. The APSC directed that to the extent any effects associated with EAI’s proposal to transfer operational control of its transmission assets has quantifiable effects on other parties to the 10-011-U docket, that those effects should be presented for the APSC’s consideration at such time that EAI seeks approval to transfer operational control of its transmission assets to an RTO.

Order 54 directed EAI to file its change of control filing no later than 30 days from the date of the Order (i.e., November 28, 2011), and further directed EAI to file as soon as possible, but no later than January 11, 2012, a detailed presentation from EAI regarding its *entire* reorganization plan, including all steps on decisions that need to occur by December 18, 2013, to extricate itself from its affiliations with the other Entergy Operating Companies.

On November 28, 2011, EAI filed its application to transfer functional control of its electric transmission facilities to the Midwest ISO and the related testimony of Hugh T. McDonald, Kurtis W. Castleberry, Richard C. Riley, and Michael M. Schnitzer.

1.5.2 SPP/Entergy Seams Agreement

As previously reported, the Commission accepted a Comprehensive Seams Agreement between Entergy and SPP. The Seams Agreement incorporates protocols on: (i) coordination of enhanced regional planning activities, study coordination activities, and flowgate financial rights; (ii) coordination of AFC/Total Flowgate Capability (TFC) values; (iii) allocation of costs of upgrades; and (iv) data exchange, confidential information, and critical energy infrastructure information (CEII) that will allow SPP and Entergy to share information, coordinate their processes, and operate more efficiently.

Entergy and SPP are still in the process of implementing Attachments C and D of the agreement, which defines the Cost Allocation protocol and Data Exchange protocol, respectively.

2. Reliability Coordination (RC)

2.1 Overview

In the ICT Approval Order, paragraph 94, the Commission stated that SPP shall act as the Reliability Coordinator for Entergy's transmission system. On November 1, 2006, Entergy formally transitioned the Reliability Coordinator function to SPP. As the Reliability Coordinator for Entergy, SPP has authority over all matters within the scope of its duties as a North American Electric Reliability Council (NERC) Reliability Coordinator. SPP independently discharges these duties utilizing information from Entergy, Market Participants, and other balancing authorities in analyzing Entergy's system and taking any necessary actions under its authority as the Reliability Coordinator. SPP complies with the standards set forth by NERC and with all Southeastern Electric Reliability Council (SERC) Reporting Standards and deadlines. SPP participates in the SERC Daily Coordination Telecom, in which the Tennessee Valley Authority (TVA) Reliability Coordinator System Operator initiates and leads the call. In the ICT Approval Order, paragraph 149, the Commission also stated that Entergy retains its obligations as the Control Area Operator and Transmission Provider.

2.2 Monthly SERC Filing Requirements

SPP submitted monthly SERC RC filings for the period of September 1, 2011 to November 30, 2011. The monthly filings certify that SPP is compliant with the following standards:

2.2.1 TOP-007 Reporting System Operating Limits (SOL) and Interconnected Reliability Operating Limits (IROL) Violations: SPP monitors for IROL and SOL violations and will implement a contingency plan when those events occur, which includes developing an action plan to return the system within limits.

Note: No SOL or IROL violations occurred within the reporting period of September 1, 2011 to November 30, 2011.

2.2.2 PER-003 Operator Credentials: All SPP RC personnel are NERC Certified and have undergone the proper training to maintain such certification.

2.2.3 PER-004 Operator Credentials: RC Operators are present at the RC desk twenty-four (24) hours per day, seven (7) days per week.

2.2.4 IRO-004 Reliability Coordination - Operations Planning: SPP conducts next day reliability analysis for the Entergy footprint to ensure ongoing reliability in the transmission system under normal and contingency situations. In addition, SPP considers adjacent Reliability Coordinator areas in its analysis to prevent unacceptable burdens being placed on the adjacent system.

2.3 Other SERC Filing Requirements

During this quarter, SPP submitted the annual SERC RC self-certifications in order to be compliant with the following standards:

BAL-004	EOP-004	IRO-005
CIP-001	EOP-006	IRO-006
COM-001	EPO-008	NUC-001
COM-002	IRO-002	TOP-005
EOP-002	IRO-003	TOP-006

2.4 Transmission Loading Relief (TLR) Events

Section 5 of Attachment S to Entergy's OATT in conjunction with the Reliability Coordinator Protocol provides that SPP shall have exclusive authority to execute TLR procedures under NERC Standards IRO-006-3 and PER-004-1. Therefore, as ICT Reliability Coordinator, SPP has exercised the authority to execute TLR events as it deems necessary. To mitigate the number of TLRs on Entergy's system, SPP will re-dispatch generators, reconfigure and modify transmission maintenance and outage schedules, as well as adjust transmission schedules and reduce load to mitigate critical conditions.

TLRs are used to curtail transmission service and help prevent instability, uncontrolled separation, or cascading outages. NERC prescribes eight levels of TLRs: the higher the TLR level, the more critical the potential problem. Actions taken by SPP on TLR levels one through four include curtailment or holding of Non-Firm transmission service. Reallocation, curtailment, or holding of Firm transmission service occurs when TLRs reach levels five or above. This report identifies TLR procedures invoked by SPP during the reporting period in connection with TLR Level 3, 4, and 5 events – i.e., the levels which allow for the curtailment of transmission service.

2.4.1 Review of TLRs

The ICT Reliability Coordinator initiated forty-two (42) TLR Level 3, 4, and 5 events with a total curtailment (Firm and Non-Firm) of 91,820 MWh's from September 1, 2011 to November 30, 2011. For comparison purposes, during the same period in the previous year there were a total of thirty-five (35) TLR Level 3, 4, and 5 events initiated with a total of 64,227 MWh's curtailed.² Figures 1 and 2 illustrate these TLR events broken down by monthly totals for the current and previous year time period.

² When compiling the TLR statistics for this reporting period, SPP found that there was one (1) additional TLR that was not reported in the ICT's Quarterly Report for the same period in 2010. SPP has corrected the relevant statistics for purposes of the historical comparison here and verified their accuracy with the E-RSC Metrics that were reported at the E-RSC meeting on January 26, 2011. SPP was not able to determine the cause for the incorrect reporting.

Figure 1

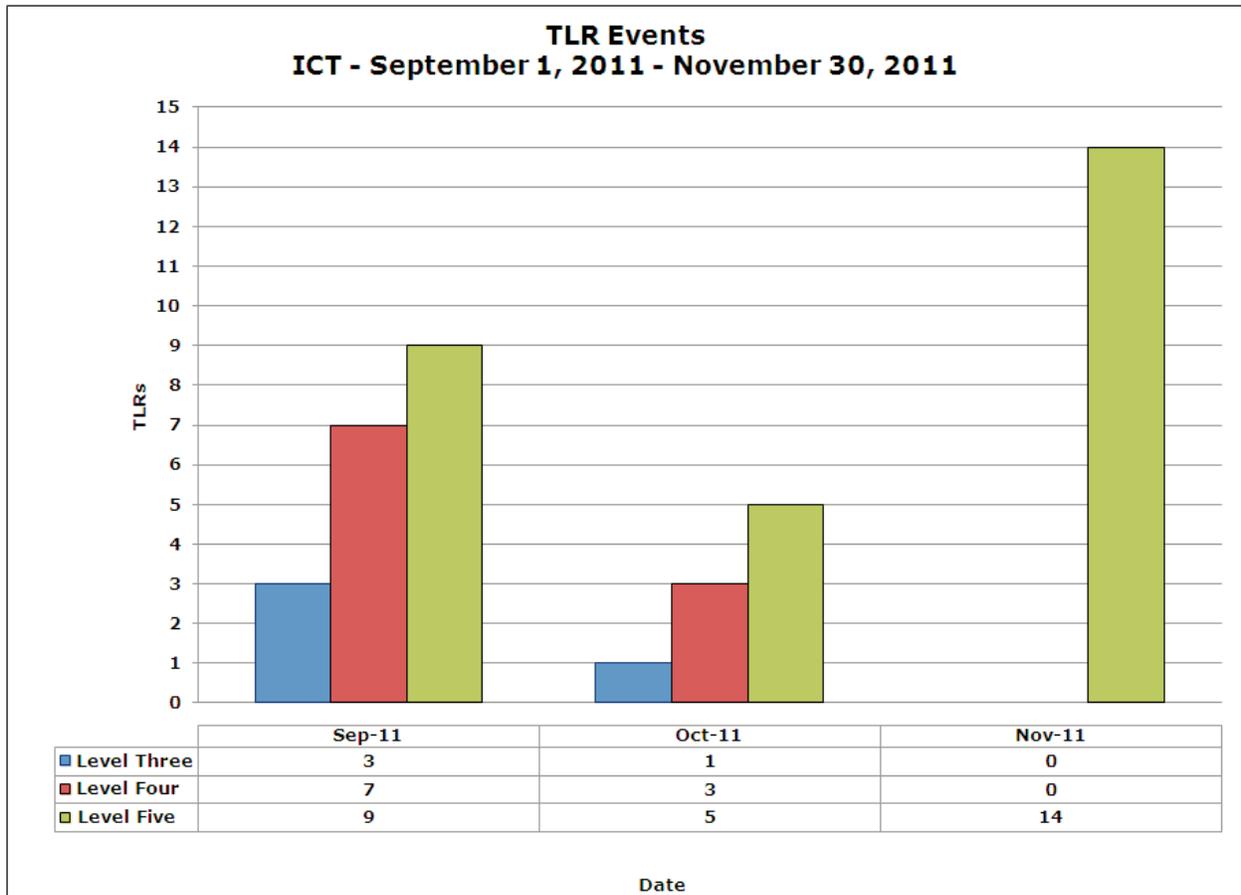
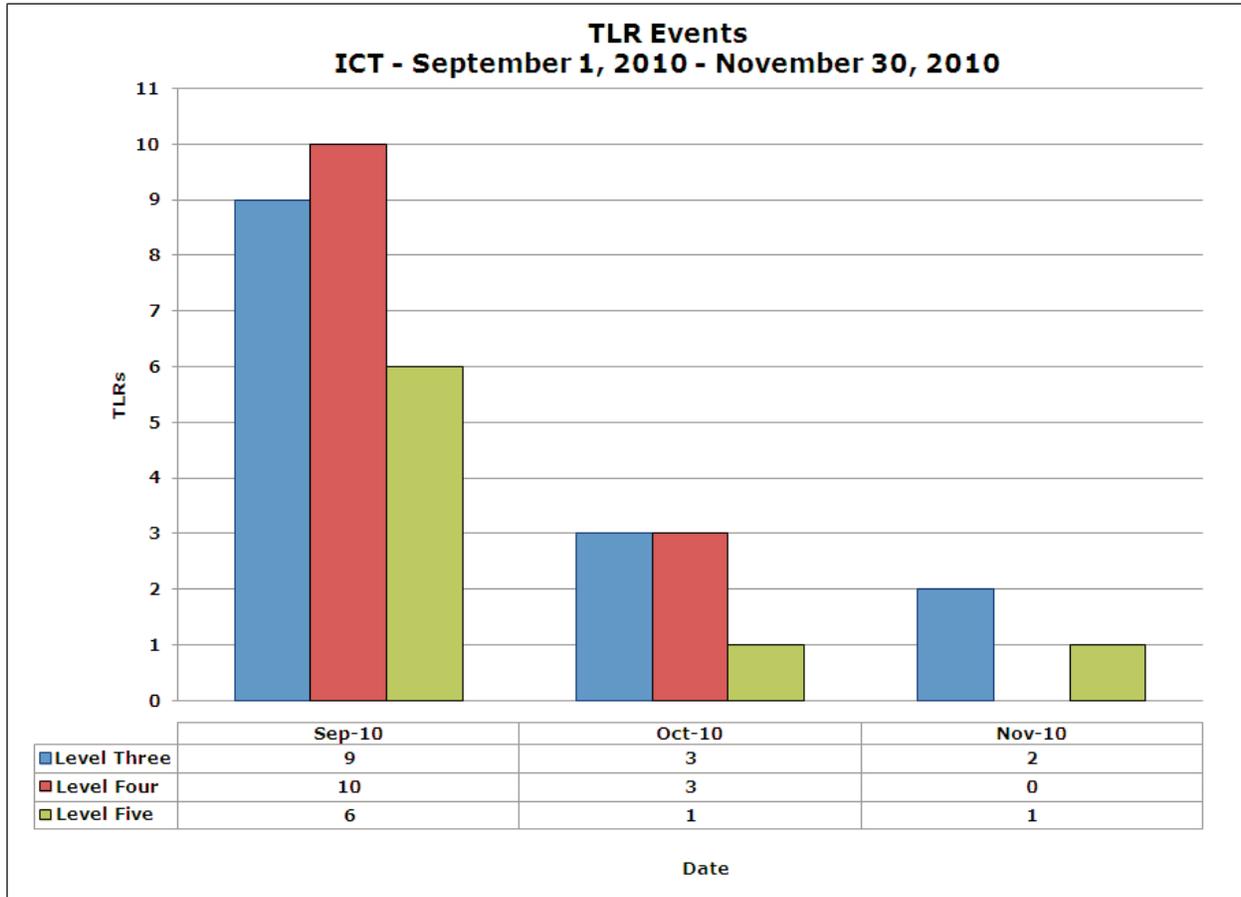


Figure 2



A total of 40,538 MWh's of Non-Firm service and 51,282 MWh's of Firm service were curtailed by the ICT from September 1, 2011 to November 30, 2011. A total of 56,982 MWh's of Non-Firm service and 7,245 MWh's of Firm service were curtailed by the ICT during the same timeframe in the prior year. Figures 3 and 4 illustrate the MWh's curtailed by the ICT broken down by monthly totals and Firm and Non-Firm service.

Figure 3

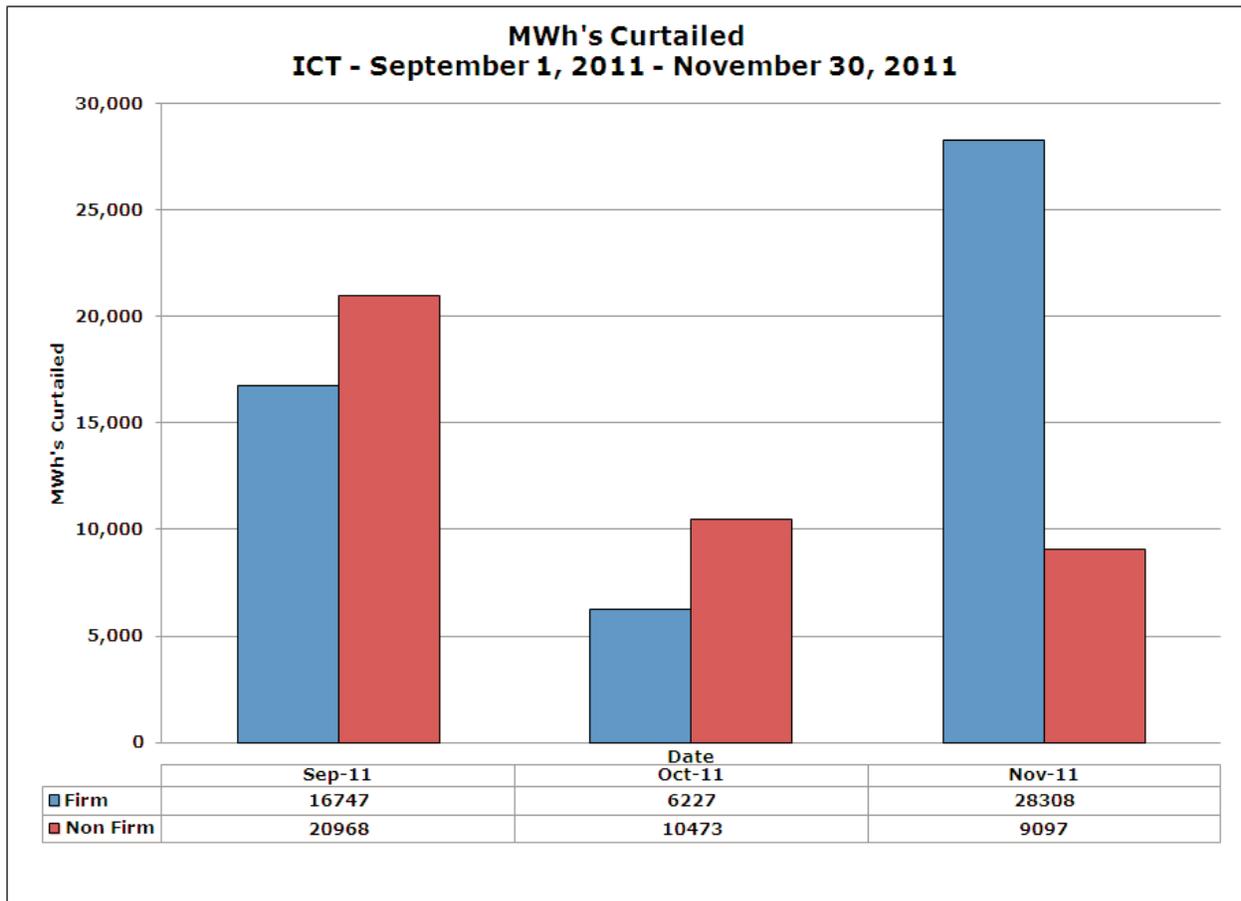
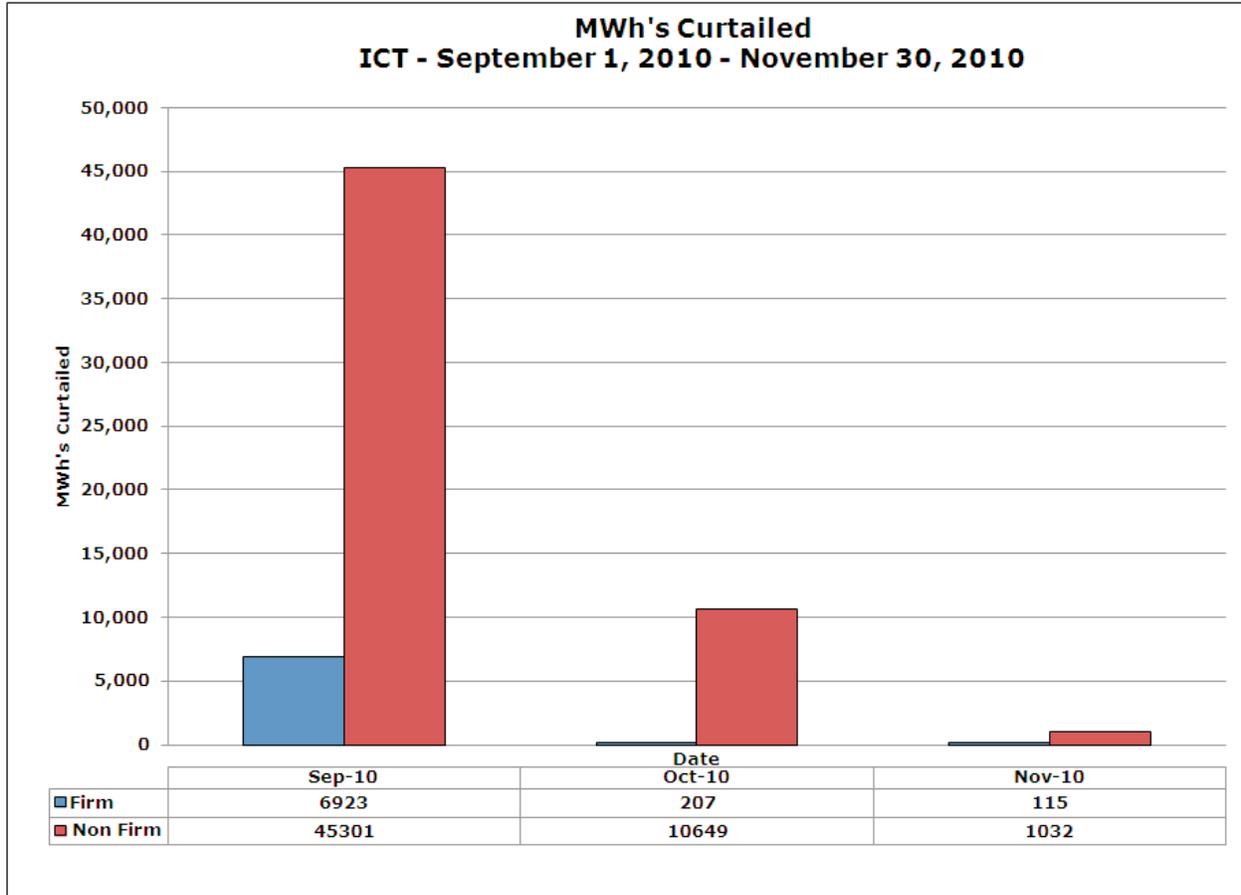


Figure 4



2.4.2 TLR Analysis

During the current reporting period, the total number of TLRs and Firm MWh's curtailed increased by twenty (20) percent and a factor of six, respectively, compared to the same period of the previous year. In contrast, Non-Firm service curtailments decreased by twenty-nine (29) percent.

The following flowgates significantly contributed to the TLR Level 3, 4 and 5 events that occurred during this quarter:

- Webre-Willow Glen 500 kV for the loss of Big Cajun-Fancy 500 kV- due to load and generation patterns.

- Cypress 500/138 kV AT1 Xmfr for the loss of Hartburg-Nelson 500 kV and Nelson AT1 500/230 kV for the loss of Hartburg – Cypress 500 kV - due to a planned transmission upgrade outage and an unplanned Cypress AT3 outage.

Collectively, these flowgates accounted for fifty (50) percent of the TLR events; fifty-nine (59) percent of the Firm MWh's curtailed, and forty-eight (48) percent of the Non-Firm MWh's curtailed.

2.4.3 Acadiana Load Pocket (ALP) Upgrade Project

As previously reported, the first phase of the ALP Upgrade Project was completed on May 15, 2010. The second phase of the Project began in September 2010 and is expected to continue through June of 2012. Seventeen (17) planned outages took place during this reporting period that were associated with the ongoing construction of the ALP Upgrade.

2.4.4 Reliability Task Force

During this quarter, the Reliability Task Force held two meetings. The discussion focused primarily on the proposed changes to the Congestion Management process. The key principles in the process include a method that will:

- Maintain the reliability of the Bulk Electric Transmission system on the Entergy footprint.
- Provide transparency in the processes and procedures that are used while performing the ICT Reliability Coordinator responsibilities.
- Manage ICTE Reliability responsibilities in a fair and equitable manner.

Agendas, minutes, and background materials from Reliability Task Force and Focus Group meetings and Stakeholder Policy Committee (SPC) presentations are available on SPP's website at www.spp.org.

2.4.5 Local Area Procedures (LAP) Reporting

At the request of the E-RSC, SPP produces a metrics report that shows information and results for congestion, transmission utilization, and transmission and interconnection studies performed by the ICT. In these reports, congestion is tracked by TLR levels, TLR durations, flowgates, and LAP events. Transmission utilization results are reported for Firm, Non-Firm, and Network requests. The most recent Metrics Report is presented as Attachment 1 to this report.

3. Tariff Administration (TA)

3.1 Overview

Section 3.1 of Attachment S to Entergy's OATT establishes that SPP shall oversee the provision of transmission service for Entergy and provide TA functions to evaluate (grant or deny) all transmission service requests (TSRs) on a non-discriminatory basis consistent with the TSR Processing Criteria and Transmission Study Criteria. This section of the report addresses SPP's oversight of TA for short-term TSRs. SPP's TA group's oversight of long-term TSRs is discussed in section 4 of this report.

3.2 AFC Studies and Research

The activities of SPP's TA group from September 1, 2011 through November 30, 2011, included, among other things, the ongoing analysis of AFC models; reviewing of the practices and processes for all AFC horizons; implementation of Order No. 890's Conditional Firm service; working on Business Practice changes associated with automated preemption and Conditional Firm service; and participation in the AFC Task Force. A more detailed description of these and other activities is provided below.

3.2.1 Ongoing Studies

On a daily basis, SPP's TA group's AFC Engineers analyze and respond to specific stakeholder concerns and questions; review the AFC model for errors and, when necessary, work with Entergy to correct any problems. In addition, SPP's TA staff independently reviews and verifies transmission constraints as needed, and addresses other issues as identified through the TSR process.

3.2.2 WPP Support

SPP's TA group continues to review and monitor the systems that interface between the WPP and the AFC process on a weekly basis.

3.2.3 Implementation of Order Nos. 890 et seq. Requirements

SPP's TA group continues to collaborate with Entergy to draft more detailed Business Practices associated with the implementation of Conditional Firm service established by FERC Order Nos. 890 et seq. During this quarter, the TA group met with Entergy to review and test the software upgrades that will be used to manage Conditional Firm service as well as interim methods for handling Conditional Firm requests.

3.2.4 Criteria Manuals

During this reporting period, Entergy's proposed Criteria Manuals (now Attachments C, D, and E to the Entergy OATT) remained pending before the Commission.

3.2.5 AFC Benchmarking Process

The AFC Benchmarking Focus Group was formed to work with the stakeholders to develop a process for SPP's TA group to benchmark the day-ahead from the AFC planning horizon with real-time data for comparison of the AFC process. During this quarter, the ICT continued discussion with Entergy and the stakeholders regarding the confidentiality agreement and the release consent required to share the data necessary for the Focus Group to participate in the development of the final process. The AFC Benchmark Focus Group met on November 18, 2011, and provided an update to the group on the status of the confidentiality agreements. At the time of this report, no party committed to signing either agreement. Until both agreements are executed, the Focus Group cannot start to review the results of the process. Therefore, the TA group continues to work with the RC group to perform a manual comparison of the AFC data with the real-time data and to refine the process of comparing the two data sets.

3.2.6 AFC Task Force

The AFC Task Force met twice this quarter on September 8 and October 20. During these meetings, the Task Force continued discussions on flowgates constrained by stability limits, evaluation of unit dispatch for the Planning and Study Horizons, the impacts of the implementation of new Modeling, Data, and Analysis (MOD) standards, and modeling of adjacent external control areas.

At the request of the AFC Task Force, Entergy is working on an off-peak stability study of the Mt. Olive-Hartburg line. Entergy expects to complete the study by mid-December and then share the results with the Task Force.

Due to the AFC Task Force's concerns about the dispatch in the Planning and Study Horizon models, SPP's TA group is currently enhancing its validation processes for the Study Horizon. The TA group completed its review by the end of November and intends to report the results to the Task Force at the next meeting scheduled for early December. The ICT also intends to start its work on the Planning Horizon in December.

Entergy reported to the Task Force on the changes made and impacts from the implementation of new MOD standards. Currently, Entergy has a manual process in place, but is working with OATI

to automate the new standards. Entergy provided an overview of the changes that the OATI Seams package would provide. Documentation on the implemented changes was provided to the Task Force. Entergy plans to start testing in December and have the necessary automation in place by the end of the first quarter in 2012.

Entergy also reported on its modeling of neighboring balancing authorities. Entergy provided the Task Force with documentation on its modeling practices.

Entergy is continuing its evaluation of the requirements for implementation of seasonal ratings for all three horizons, including the projected timeline for such implementation.

Agendas, minutes and background materials from the AFC Task Force meetings are available on SPP's website at <http://www.spp.org/section.asp?group=2108&pageID=27>.

3.2.7 Entergy's Host Plan (new Energy Management System (EMS))

Entergy successfully upgraded its EMS. The upgraded EMS became the primary production system beginning on October 15, 2011.

3.2.8 Software Testing – OATI webTRANS Automated Preemption

During the quarter, SPP's TA group helped Entergy review tests of OATI software improvements to ensure that the software functions properly and accurately. The software enhancements will provide the TA group with a more efficient tool for the processing of competing requests in a timelier manner and reduce the risk of human error. The ICT TA also continued to update its internal processes associated with automated preemption.

3.2.9 AFC Error Posting Process on OASIS

As previously reported, Entergy and SPP's TA group have implemented new guidelines for posting messages on Entergy's OASIS to keep Transmission and Network Customers aware of issues when AFC errors (discovered by the ICT, Entergy, or customers) might impact the processing of TSRs and AFC calculation. During this quarter, the following three (3) postings were made:

- On September 27, 2011, notification was posted of an OATI outage required to move Entergy's data center.
- On September 29, 2011, two (2) postings were made related to a possible issue with TSR processing. Upon investigation, it was determined that everything was functioning properly and no TSRs were impacted.

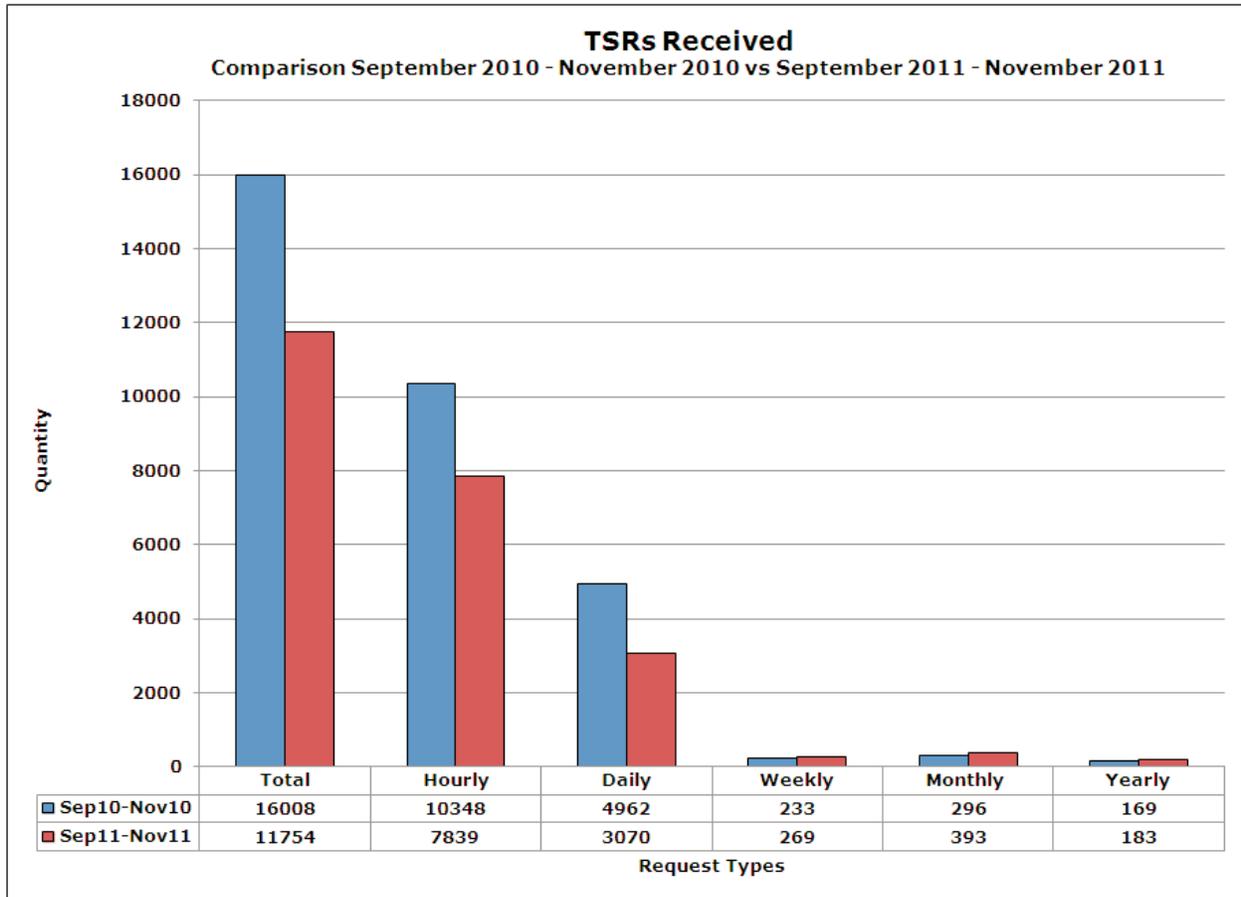
3.3 ICT Processing of TSRs

Transmission Customers have the responsibility to submit a complete and accurate request for service via the OASIS website. SPP's TA group then assesses the completed requests for Non-Firm Hourly service, Firm and Non-Firm Daily, Weekly, Monthly, and Yearly service. The OATI software is used to access and evaluate TSRs to determine whether each TSR should be accepted or refused. Short-term TSRs are accepted or refused based upon the AFC at that particular time. Long-term TSRs or requests outside the AFC Study Horizon (18 months) require a System Impact Study (SIS) and/or a Facilities Study (FS) performed by SPP Planning Engineers. A more detailed discussion of SPP's TA group's oversight of these TSRs and the planning process is included in section 4 of this report.

3.3.1 Review of TSRs

3.3.1.1 Figure 5 illustrates the number of TSRs received and acted on by SPP from September 1, 2011, to November 30, 2011, as compared to the same time period in the prior year. As shown, there was a 26.6 percent decrease in the total number of TSRs received by SPP during this reporting period. The percentage difference for each type of service by duration was as follows: Hourly (-24.2 percent), Daily (-38.1 percent), Weekly (+15.5 percent), Monthly (+32.8 percent), and Yearly (+8.3 percent). These percentage changes can also be seen in Figure 12.

Figure 5



3.3.1.2 The following figures (Figures 6, 7, and 8) illustrate the total number and percentage change of confirmed versus refused service requests for the period from September 1, 2011, to November 30, 2011, compared to the same period in the previous year. The request type of “other” includes TSRs that are in the following statuses: study, accepted, withdrawn, displaced, invalid, declined, superseded, counteroffer, annulled, and retracted. Also, included in the figures below is the total number of requests received by month during the same time periods.

Figure 6

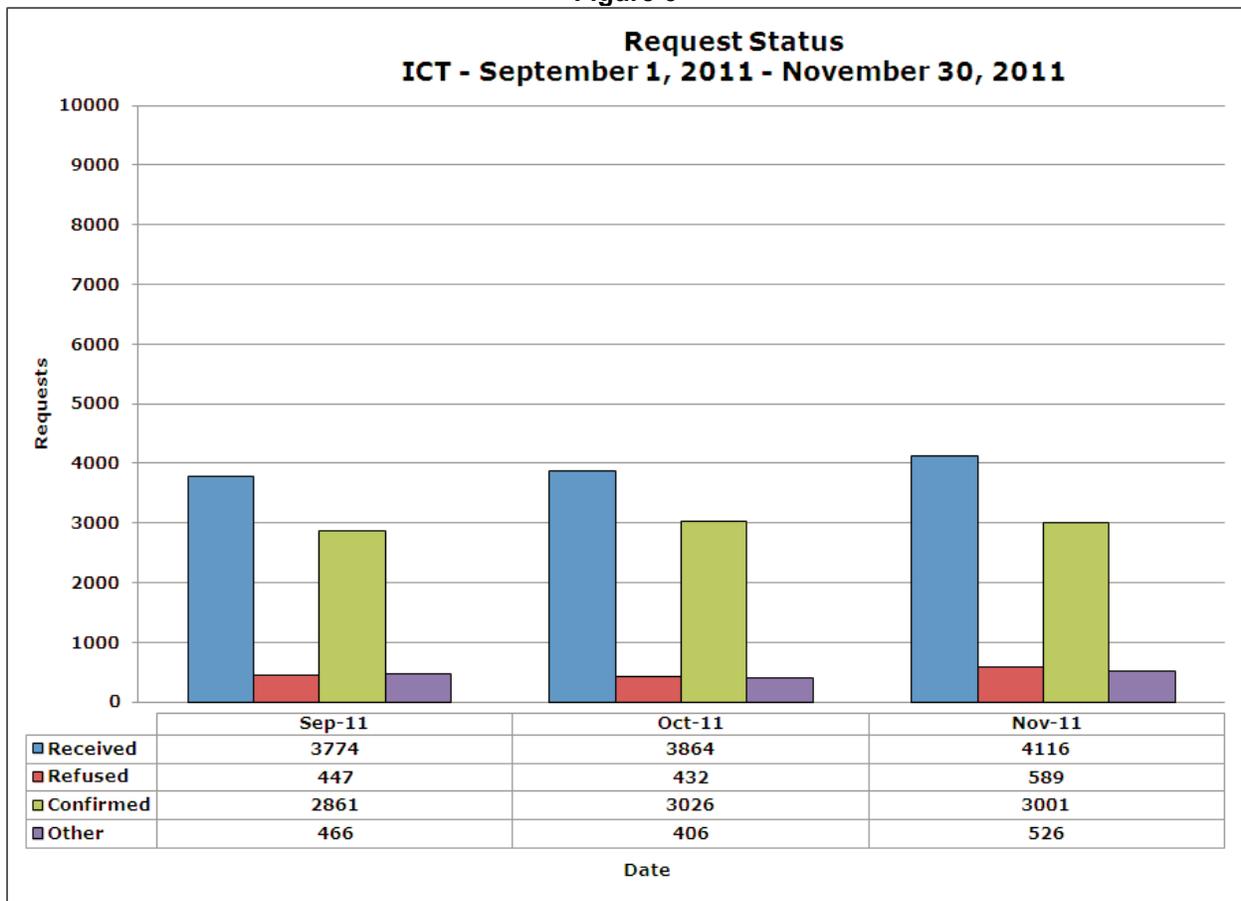


Figure 7

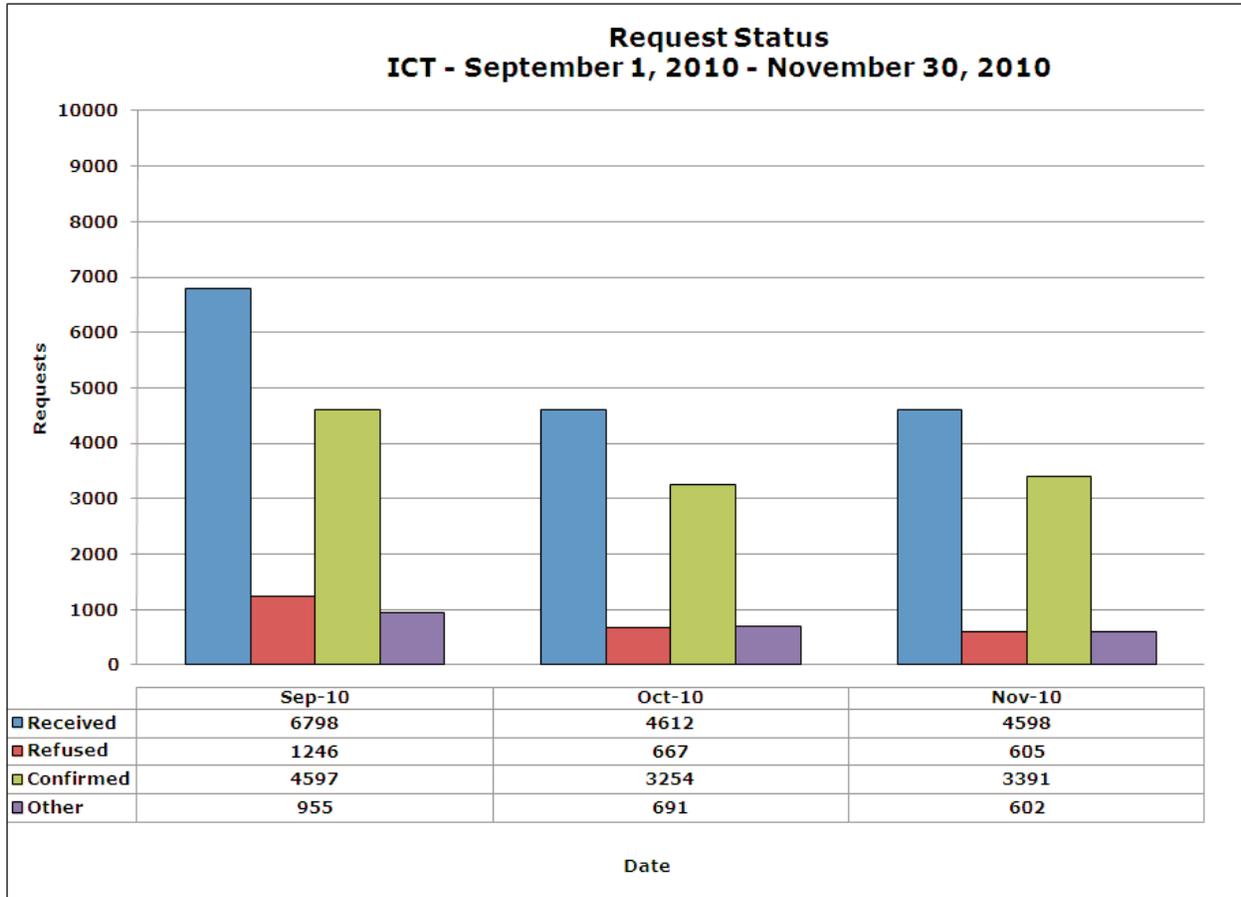


Figure 8

Year to Year Comparison of Request Status
Sep 2010-Nov 2010 vs. Sep 2011 - Nov 2011

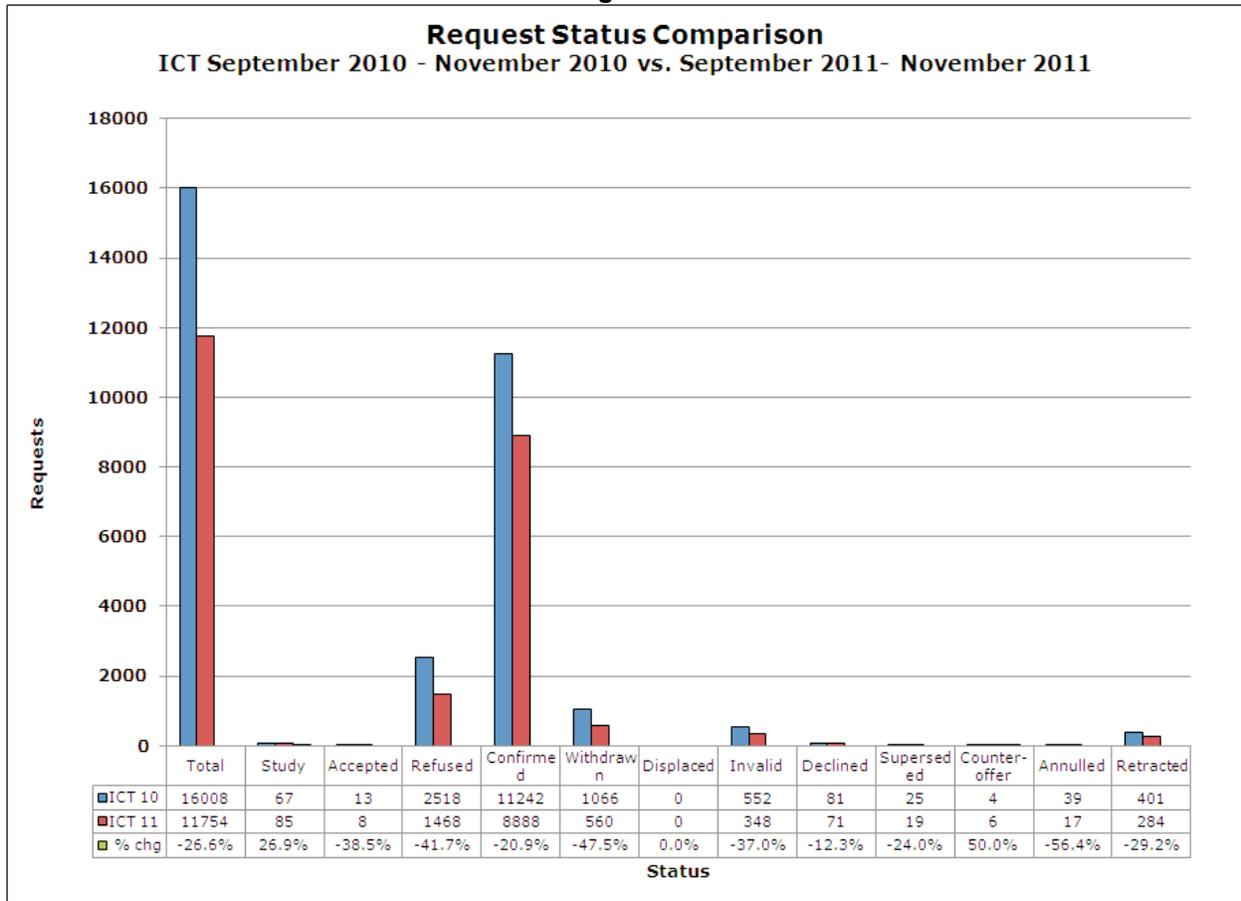
Status	September	October	November	Total
Received	-44.5%	-16.2%	-10.5%	-26.6%
Refused	-64.1%	-35.2%	-2.6%	-41.7%
Confirmed	-37.8%	-7.0%	-11.5%	-20.9%
Other	-51.2%	-41.2%	-12.6%	-37.8%

3.3.1.3 Figure 9 compares the ultimate disposition for the total amount of TSRs received by SPP's TA group from September 1, 2011 to November 30, 2011, and the same time period for the previous year. Since each TSR is received and queued with a status of "study" pending final disposition, some TSRs received by SPP are currently listed in "study" due to the fact that a final decision has not yet been made on the TSR.

SPP's TA group reports that, due to a change in the procedure to comply with Order No. 890, a TSR will be "declined" for the following additional reasons: an Hourly Secondary request is submitted that is not a re-direct; a reservation is overbooked; a reservation window is not yet open; or an e-mail with the required attestation for a designated network resource is not received.

In addition, Attachment 2 to this report provides a more detailed analysis of the TSRs received during the current reporting period. The graphs in Attachment 2 present the disposition of each TSR received by service duration.

Figure 9



3.3.1.4 The following Figures 10 and 11 illustrate the number of TSRs, sorted by type that SPP’s TA group processed from September 1, 2011 to November 30, 2011, and for the same period of the previous year. Figure 12 offers an illustration of the percentage change in service types from September 1, 2011 to November 30, 2011, versus the same period of the previous year.

Figure 10

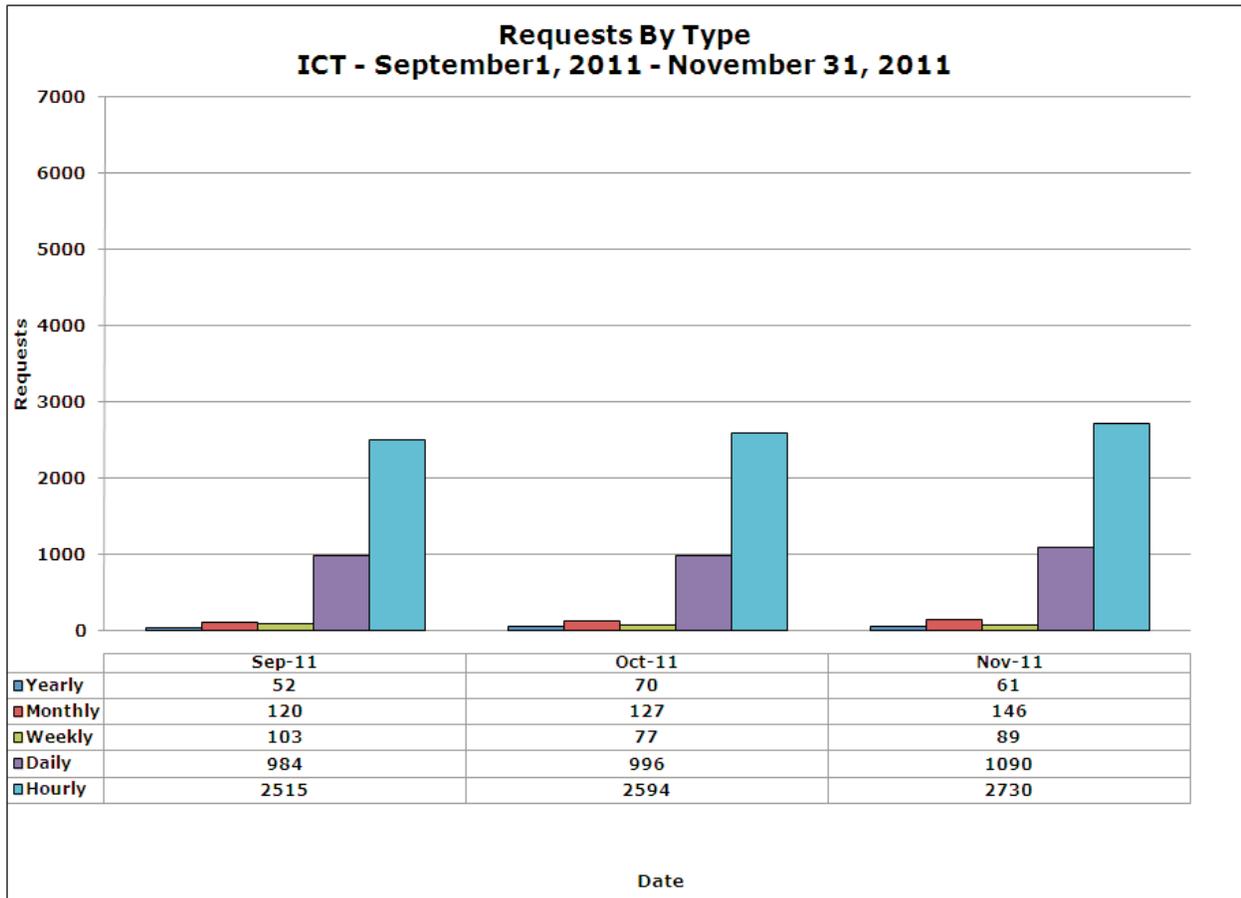


Figure 11

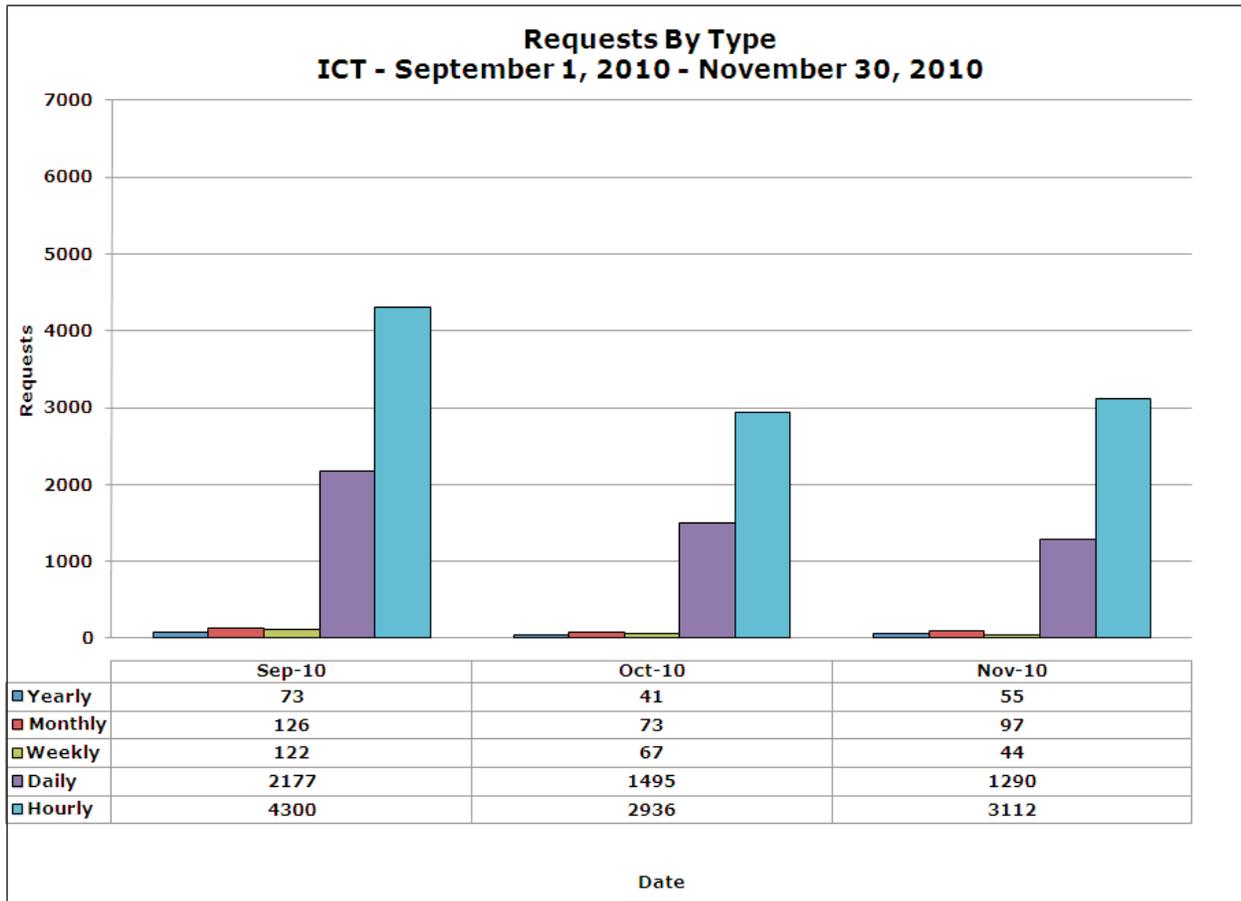


Figure 12

**Request Status Percentage Change
Sep 2010-Nov 2010 vs. Sep 2011 - Nov 2011**

	September	October	November	Total
Yearly	-28.8%	70.7%	10.9%	8.3%
Monthly	-4.8%	74.0%	50.5%	32.8%
Weekly	-15.6%	14.9%	102.3%	15.5%
Daily	-54.8%	-33.4%	-15.5%	-38.1%
Hourly	-41.5%	-11.6%	-12.3%	-24.2%

4. Planning and Tariff Studies

4.1 Overview

Section 3.1 of Attachment S states “[t]he ICT shall oversee the provision of transmission service pursuant to the OATT and the provision of interconnection service pursuant to the [LGIP] and [LGIA].” Section 3.1(a)(5) of Attachment S also states “[t]he ICT shall prepare the Base Plan pursuant to the Transmission Planning Protocol.” SPP assumed the planning function for Entergy on November 17, 2006. This section of the report describes the functions performed by SPP relating to generation interconnection, long-term planning, and the approval of long-term transmission service.

4.2 Recommended Expansion Planning/Investment

Base Plan/Construction Plan

During this quarter, the Commission approved Entergy’s proposal to extend the planning horizon to five (5) years. See section 4.5. Accordingly, the draft 2012-2014 Entergy Construction Plan was updated to reflect the five (5) year planning horizon. The ICT posted the new draft 2012-2016 Entergy Construction Plan on October 21, 2011. The ICT developed a draft 2012 Base Plan reflecting the five (5) year horizon taking into consideration the 2012 ICT Reliability Assessment, input of stakeholders, and the new draft 2012-2016 Entergy Construction Plan.

On November 23, 2011, the ICT posted the draft 2012 ICT Base Plan on Entergy’s OASIS. The draft 2012 ICT Base Plan included forty six (46) new projects. Four (4) completed projects, one (1) replaced project, and three (3) removed projects were not carried over from the 2011 ICT Base Plan. The development of the 2012 ICT Base Plan and the 2012-2016 Entergy Construction Plan will continue through the end of 2011. Entergy has indicated that it expects to provide the final 2012-2016 Construction Plan in December 2011, and the ICT expects to finalize the 2012 Base Plan by late December 2011 or early January 2012.

4.3 10-Year Strategic Plan

As previously reported, the five (5) economic studies for the ICT Strategic Transmission Expansion Plan (ISTEP) 2011 were posted on Entergy’s OASIS. During this quarter, ICT started the Grid View economic studies which will provide cost analyses for the five (5) economic studies. The Grid View studies should be complete by the end of the year.

In accordance with the processing schedule, the final results of the economic studies are expected by late fourth quarter 2011 and the final report on the ISTEP 2011 projects should be completed by the first quarter 2012.

4.4 Minimizing Bulk Power Costs (MBPC) Study (formerly RMR Displacement Study)

As previously reported, the SPC approved a recommendation to perform an economic transmission study to determine the set of transmission upgrades needed to significantly reduce or eliminate the use of reliability must run (RMR) units located in load pockets, while providing net savings to customers. ABB was selected as the vendor to perform the MBPC study.

Last quarter, ABB performed the analyses for the 2013 and 2022 Western, West of the Atchafalaya Basin (WOTAB), Amite South, and Mississippi regions. Entergy and SPP then provided a transmission solution for these analyses and ABB analyzed the results. On November 8, 2011, the reliability and preliminary production cost results for the 2013 and 2022 Western, WOTAB and Mississippi regions were presented to stakeholders. At this meeting, the 2013 reliability assessment for the Amite South region was also presented. The final MBPC report is scheduled to be completed in March of 2012.

All meeting and background information for the MBPC study is available for review on SPP's website at www.spp.org.

4.5 Extending Planning Horizon to Five Years

On June 17, 2011, the E-RSC found that a five (5) year horizon for transmission planning was needed to address longer-term reliability concerns on the Entergy system. In doing so, the E-RSC adopted a resolution directing Entergy to amend its OATT to expand the time horizon the ICT uses to identify upgrades included in its Base Plan from three (3) years to five (5) years. Accordingly, Entergy filed to amend Attachment T of the OATT (Docket No. ER11-4327) to reflect the change in the planning horizon.

On October 14, 2011, FERC accepted Entergy's revision to Attachment T in Docket No. ER11-4327 with an effective date of October 17, 2011. Entergy and the ICT are currently working to amend next year's Construction Plan and Base Plan to reflect the five (5) year planning horizon. See section 4.2

4.6 Inter-Regional Coordination

During the current reporting period, SPP has been actively involved in inter-regional coordination for the Entergy system. SPP's activities in each region are discussed below.

SPP RTO

As previously reported, the following regional economic studies for the 2011 Entergy SPP RTO Regional Planning Process (ESRPP) were selected by stakeholders:

Two detailed step 2 studies:

- 1) Arkansas Independent Power Producers (IPP) to SPP South for 2408 MW
- 2) American Electric Power West (AEPW) to Entergy Arkansas for 1117 MW

Three new high-level studies:

- 1) Entergy to Empire District Electric Company (EMDE) for 500 MW
- 2) Nebraska to Entergy for 3000 MW
- 3) Entergy to Nebraska for 3000 MW

During this quarter, there were no ESRPP meetings. Based on their review of the limiting elements and recommended projects to alleviate overloads, stakeholders did not recommend any new projects. Accordingly, the projects that were submitted in the initial study request for the ESRPP 2011 cycle will be used in evaluating overloads as well as SPP RTO proposed projects. The ESRPP study team is working on evaluating the overloads, proposing solutions, and testing transfer capability with new projects. The next ESRPP meeting is scheduled for the first quarter of 2012.

Southeast

SPP is also actively involved in the Southeastern Regional Transmission Planning (SERTP) process and their Southeast Regional Planning Stakeholders Group (RPSG). On September 22, 2011, the SERTP held its Third Quarter Meeting. At this meeting, the parties discussed the preliminary results of the economic planning studies that were selected by the RPSG in March. Also, the SERTP sponsors provided feedback on any transmission expansion plan alternatives suggested by the stakeholders. As a reminder, the preliminary ten year expansion plans, as well as the presentations from the “Preliminary Expansion Plan Meeting” in June, are available on the SERTP website. SPP will continue to follow and participate in the study process as it affects the Entergy system.

SPP also participates in the Southeastern Inter-Regional Participation Process (SIRPP), which addresses inter-regional planning for the SERC region as required under Order No. 890. SPP is directly involved in the Study Team and Process Team which evaluate studies across the southeast region. On September 30, 2011, the SIRPP held its First Inter-Regional Stakeholders Meeting for 2011-2012. At this

meeting, the parties selected five (5) Economic Studies for evaluation in the 2011-2012 SIRPP, discussed the 2011-2012 SIRPP Timeline, and reviewed stakeholder feedback from the 2010-2011 SIRPP.

The five (5) Economic Studies chosen for the 2011-2012 SIRPP were as follows:

- South Carolina Electric and Gas (SCE&G) to AEP – 200 MW (2017, Step 1 Evaluation)
- Southern Company to Progress Energy Carolinas – 50 MW (2017, Step 1 Evaluation)
- South Carolina Regional Transmission Planning Participants (SCRTP) to Florida Reliability Coordinating Council (FRCC) – 200 MW (2017, Step 1 Evaluation)
- Louisville Gas & Electric (LGE) & Kentucky Utilities (KU) to Southern Company – 200 MW (2013, Step 1 Evaluation)
- Southern Company to LGE & KU – 200 MW (2013, Step 1 Evaluation)

For additional information regarding SIRPP, please visit www.southeastirpp.com. The next SIRPP meeting will be held sometime in December to discuss the 2011-2012 Economic Study process/nominations. SPP will continue to follow and participate in the study process as it affects the Entergy system.

4.7 Louisiana Public Service Commission (LPSC) Technical Conference

The LPSC Transmission Task Force has not completed its final report evaluating concerns related to Entergy's transmission planning; base case contingency overloads (BCCO); financial flowgate rights; the use of undocumented operating guides; a Joint Planning Study Process; and Entergy's 2009 Economic Study Process. SPP will continue to participate in the Task Force in a supporting role to facilitate discussion and resolution of the issues assigned to the Task Force.

4.8 Implementation of Order Nos. 890 et seq. Requirements

SPP's ICT Planning group will be involved with the analysis of Entergy's Business Practices as they relate to the procedures for Planning Redispatch established by FERC Order Nos. 890 et seq. During this quarter, SPP's ICT Planning group started the review of Entergy's whitepaper on Planning Redispatch and provided their comments to Entergy. Over the next few months, ICT Planning will continue to work on the Planning Redispatch process and associated Business Practices and will report to stakeholders and Entergy via the ICT SPC meetings and the SIS Task Force.

4.9 Generation Interconnection Request Studies (GIRS)

When a Transmission Customer requests to connect a generation facility to the transmission grid, the request must go through the Entergy interconnection process as defined in Attachment N of Entergy's OATT. A series of three (3) studies are performed for each interconnection request: a Feasibility Study, a SIS, and a FS. Prior to each study phase, the Transmission Customer is tendered a study agreement, which they must respond to within thirty (30) days to continue the study process. Each study phase has its own time limit for completion or explanation for extension of the due date:

- Feasibility Study (45-day limit)
- SIS (90-day limit)
- FS (90-day limit for a twenty (20) percent cost estimate, 180-day limit for ten (10) percent cost estimate)

At the end of this quarter, there was one (1) active Feasibility Study project and one (1) active SIS project being conducted by SPP and its contractors; and five (5) active FS projects being conducted by Entergy. No generation interconnection project study process was completed. Additionally, three (3) new large generation interconnection projects were added to the GIRS queue during the reported quarter.

This section discusses the status of the GIRS for the quarter, including instances where due dates for studies were met or delayed and a delay letter was sent to the Transmission Customer. Generally, SPP is in constant contact with a customer throughout the course of a study and the transmittal of a delay letter is not the customer's first notification of a delay. It also bears noting that Entergy's OATT requires that all studies be processed and studied in queue order. For this reason, consideration of studies earlier in the queue can contribute to delays with other studies later in the queue and involve events beyond SPP's control.

4.9.1 Figure 14 shows the GIRS that were active during the reporting period and their current status.

Figure 14

GI Project #	Fuel Type	Capacity Requested	Project Validation Date	Delay Letters	Completion Date	Status
221	NG	875 MW	4/15/2008	SIS delay letters were sent on 10/9/08 11/17/08 Delay letter for FS issued 3/24/2009 LGIA Extension Letter issued 2/16/11	FS Report Declared Final on 5/25/2010	Awaiting Executed LGIA
231	NG	31 MW	3/18/2009	SIS delay letter was sent on 8/4/09 9/14/10	FS Report Declared Final on 5/18/2010	Awaiting Executed LGIA
238	NG	550 MW	9/1/2009	SIS delay letters were sent on 3/11/2010 and 4/15/2010 FS delay letters were sent on 7/27/2010, 8/17/2010, & 9/23/2010	FS Report Posted on 2/17/2011	Awaiting Results of Affected System Study

240	NG	650 MW	10/2/2009	SIS delay letters were sent on 3/11/2010 and 4/15/2010 FS delay letters were sent on 7/27/2010, 8/17/2010, & 9/23/2010	FS Report Declared Final on 8/5/2011	Awaiting Executed LGIA
244	Coal	13 MW	12/30/2009	FS delay letters were sent on 9/3/2010, 10/11/201, & 11/18/2010	FS Report Declared Final on 3/1/2011	Awaiting Executed LGIA
247	Wind	400 MW	4/19/2010	SIS delay letter was sent on 5/18/2010, FS delay letter was sent on 7/1/2011	SIS Report Posted on 2/8/2011	Awaiting Posting of Draft FS
250	Biomass	50 MW	10/15/2010	SIS delay letter was sent on 5/19/2011	FS Report Posted on 10/25/2011	Awaiting Posting of Final FS
255	Wind	251 MW	1/19/2011	SIS delay letters sent on 8/8/2011 & 9/6/2011	Withdrawn on 11/14/11	
256	Steam	90 MW	1/24/2011	FS Delay Letter Sent on 11/28/2011	SIS Report Posted 8/10/2011	Awaiting Posting of Draft FS

257	Wind	252 MW	1/28/2011	SIS delay letter was sent on 8/8/2011 & 9/15/2011	SIS Repost Posted 10/31/2011	Awaiting Execution of FS Agreement
260	Wind	141 MW	1/31/2011	SIS delay letter was sent on 9/29/2011 & 11/1/2011	Feasibility Report Posted 6/2/2011	Awaiting Posting of SIS
266	Solar	40 MW	2/2/2011		FS Report Posted 11/1/2011	Awaiting Posting of Final FS
268	Solar	60 MW	2/2/2011		FS Report Posted 11/1/2011	Awaiting Posting of Final FS
285	Steam	212 MW	10/11/2011			Scoping Call Pending
286	Solar	108 MW	10/11/2011			Awaiting Posting of FBS
287	Steam	340 MW	11/8/2011			Scoping Call Pending

4.10 TSR Studies (TSRS)

TSRs are received by SPP's TA group through OASIS. Requests for long-term yearly service or short-term monthly requests that extend partially or completely outside the eighteen (18) month AFC Study Horizon require a SIS and, if needed, a FS. The SIS studies are performed by SPP planning personnel and SPP's contractors; the FS are completed by Entergy and are subject to review, validation and posting by SPP. Both the SIS and FS must be completed in sixty (60) calendar days.

During the current reporting period, SPP completed fifteen (15) SIS. Entergy and SPP completed seven (7) FS during this reporting period.

4.10.1 SPP did not miss the sixty (60) day deadline for any SIS.

4.10.2 The sixty (60) day deadline was not missed for any FS.

4.10.3 SPP had sixteen (16) SIS in progress at the end of the current reporting period. The following list provides the OASIS Reservation numbers for the SIS currently in progress:

76143038, 76143046, 76178017_76178031, 76234876_76234879, 76234889, 76234897,
76234904_76234916, 76234922_76234951, 76234980_76234993_76235000_76235003,
76235101, 76235158, 76238089, 76272244, 76280552, 76280558, and 76289311.

4.10.4 There were seven (7) FS in progress at the end of the current reporting period. The following list provides the OASIS Reservation numbers for the FS currently in progress:

75821264, 75821275, 75823926, 75826033, 75826038, 75862786, and 76045343.

4.11 System Impact Study (SIS) Task Force

The SIS Task Force met on October 12, 2011, and continued discussions on proposed procedures for studying multiple sources to a single sink and more detailed examples developed for the calculation methodology for load growth. The election of a new Chair and Vice-Chair for the Task Force was tabled due to the lack of nominations as requested by the ICT. Discussion of the Attachment T Guidance Document was also tabled in order to give participants additional time for their review. The ICT is hoping to finalize this document after a final review by the Task Force participants. The meeting concluded with a review of FS and SIS improvements that have been made to the study processes and reports as a result of the Task Force and stakeholder involvement.

A meeting of the SIS Task Force was scheduled for November 15, 2011. However, the meeting was cancelled due to the lack of requested nominations for the vacated Chair and Vice-Chair positions as well as the lack of feedback on action items taken during the October meeting. A date has not been set for the next SIS Task Force meeting. Agendas, minutes, and background material for the SIS Task Force are available on SPP's website at www.spp.org.

5. Weekly Procurement Process (WPP)

Section 3.2(a) of Attachment S in Entergy's OATT states "[t]he ICT shall oversee the design and operation of the WPP by the Transmission Provider." Attachment V of Entergy's OATT governs the WPP and took effect March 17, 2009, after the Commission conditionally approved Entergy's filings to amend Attachment V made on January 16, 2009, in Docket Nos. ER08-513 and ER09-555.

5.1 ICT Oversight

SPP fulfilled its obligation to oversee the design and implementation of the WPP as the start-up of the WPP successfully began the week of March 23, 2009. Currently, SPP oversees the operation of the WPP and independently reviews the WPP's results.

The WPP has evolved and improved over time as parties gained more experience with the process. SPP continues to monitor the WPP and will, as appropriate, recommend further enhancements to the process.

5.2 WPP Task Force

In accordance with the WPP Task Force's guiding document, the Task Force will be a stakeholder-led group that addresses the technical aspects of policies being evaluated by the SPC. WPP Task Force meeting schedules will be dependent on need, rather than regular time intervals.

During this quarter, the Task Force held two (2) scheduled meetings that focused on the operation and results of the WPP. In particular, the following items concerning the WPP were discussed: weekly summaries of the WPP results; review of the WPP Quarterly Report; the new procedure for extending the on-peak offer period in the WPP; and the procedure for designating must-run units for transmission outages and unit testing. A more detailed discussion of these items is provided below.

5.2.1 WPP Results for September 2011 to November 2011

As previously reported, SPP provides a summary of WPP results at each WPP Task Force meeting. In doing so, SPP gives a general discussion about the results of the WPP for a given period without disclosing any information about the underlying data and analysis. Stakeholders have expressed frustration over the lack of detailed information about the WPP results. Due to the strictures of Attachment V, however, the results of the WPP are considered confidential. Therefore, SPP cannot disclose any details about the WPP results that are not publicly-available under the Tariff.

During this quarter, the WPP results showed an increase in the total number of third-party supplier offers submitted and accepted; the total number of MWs offered and awarded through

the WPP; and the estimated production cost savings, as compared to last quarter. More details and analysis on the quarterly results of WPP's operations are available in the WPP quarterly report covering the fourth quarterly of 2011.

5.2.2 WPP On-Peak Extension

During this quarter, the WPP Task Force continued to discuss how to add more flexibility to the on-peak offer extension procedure that was implemented in May 2011. One stakeholder suggestion was to add an offer parameter for minimum number of starts or other energy margins to the modeling. The stakeholders have agreed to develop a recommendation for more flexibility to this process for consideration by Entergy and the ICT.

5.2.3 WPP Transparency

In accordance with section 6.2 of Attachment V, Entergy compiled and SPP posted on Entergy's OASIS additional information related to WPP operations for the period July to August 2011. This information was also included as part of the WPP Quarterly Report filed on September 15, 2011. At meetings this quarter, stakeholders asked for more information regarding the definition of the congested WOTAB flowgate identified in the report. At the time of this report, Entergy was still working on posting the information on its OASIS.

5.2.4 Transmission Outage and Unit Testing Must-Run Procedure

During this quarter, Entergy, SPP, and the stakeholders continued to discuss the procedure to designate must-run units in the WPP model to account for system conditions or system requirements (i.e., transmission outages and unit testing) that may not otherwise be recognized in the model. In particular, Entergy and the ICT explained the various steps taken to make these necessary modeling adjustments and the authority for these procedures. As of the time of this report, the parties continue to discuss the criteria for evaluating requests to designate must-run units in the WPP modeling.

5.3 WPP Quarterly Report for June 2011 to August 2011

In accordance with the Commission's order in Docket No. ER09-555, SPP filed a quarterly report on the WPP's operations and savings on September 15, 2011, for the period June to August 2011. As reported, the WPP's quarterly results showed a decrease from the prior quarter in the total number of participating generators; the total number of third-party supplier offers submitted and accepted; and the total number of MWs offered and awarded through the WPP. Based on SPP's analysis of publicly-available information, a key factor in the reduction in each of these performance metrics for the WPP was that Entergy secured a significant amount of short-term capacity to meet its summer load requirements by

entering into a number of weekly transactions outside the WPP. SPP also observed that many of these weekly transactions were entered into with regular participants in the WPP prior to the deadline for submitting offers into the WPP. More details and analysis on the quarterly results of WPP's operations and savings can be found in the filed report.

6. Entergy Regional State Committee (E-RSC)

6.1 Overview

As previously reported, the E-RSC was established to provide collective state regulatory agency input on the operations of and upgrades to the Entergy Transmission System (ETS), including, without limitation, issues relating to the operations and functions of the ICT and the ICT committees, working groups, and task forces. Such input and participation shall include, but not be limited to: the differences between the ICT Base Plan and the Entergy Construction Plan, the need for executed seams agreements between Entergy and the surrounding transmission systems and RTOs, the appropriate mechanisms to increase the amount of transmission built, and cost allocation methodologies.

In December 2010, the Commission accepted Entergy's filing of Attachment X to Entergy's OATT to codify the E-RSC's authority as it relates to Entergy. In accordance with Attachment X, the E-RSC, upon the unanimous consent of its members, has the authority to: (i) direct Entergy to make a section 205 filing to change the terms and conditions that apply to cost allocation for transmission projects, including changing the time horizon used for cost allocation under the ICT's Base Plan; and (ii) direct Entergy to add transmission projects to the Entergy Construction Plan.

6.2 E-RSC Working Group (E-RSC WG)

The E-RSC WG consists of staff and consultants representing each of the Entergy retail regulatory bodies. The E-RSC WG has assumed a tactical role in support of issues and concerns raised before the E-RSC.

During this quarter, the E-RSC WG held in-person meetings and conference calls with staff and Entergy stakeholders to discuss the issues being considered by the E-RSC.

Additionally, on October 19, 2011, the E-RSC WG met with the Entergy stakeholders. At the meeting, the topics of discussion included: (i) reports from the ICT regarding the Congestion Management Process, the MBPC study, and WPP operational results; (ii) a discussion on the Independent System Monitor (ISM) proposal; (iii) presentations by Entergy and the ICT regarding Order No. 1000; (iv) Midwest ISO Training Schedule; and (v) an update on the Midwest ISO Engineering evaluation of the Entergy system.

Agendas [and](http://www.spp.org/section.asp?group=1630&pageID=27) background material of all E-RSC WG and stakeholder meetings are available on SPP's website at: <http://www.spp.org/section.asp?group=1630&pageID=27>.

6.3 E-RSC Meetings

The E-RSC held a meeting on November 2-3, 2011. At the meeting, the topics of discussion included: (i) a report from FERC on recent activities; (ii) WPP operational results; (iii) an update on the MBPC study; (iv) Reliability update; (v) update on the new five year Planning Horizon; (vi) discussion of Order No. 1000; and (vii) presentations by both Entergy and the Midwest ISO regarding the proposed integration of Entergy into the Midwest ISO.

Agendas, minutes, background material, and full transcripts for all E-RSC meetings are available on SPP's website at: <http://www.spp.org/section.asp?group=1630&pageID=27>.

6.4 Entergy Proposal to Join the Midwest ISO

As previously reported, Entergy has formally announced a proposal to join the Midwest ISO and made regulatory filings in each of their retail jurisdictions detailing this proposal. At the time of this report, no orders have been issued by the retail jurisdictions regarding Entergy's proposal.

As discussed earlier, the APSC issued an order on October 28, 2011, in its proceeding to examine EAI's plans to exit the ESA by December 18, 2013. See section 1.5.1. In this order, the APSC directed EAI to make the following filings:

- A petition to transfer operational control of its transmission facilities to an RTO by November 28, 2011;
- An integrated plan for EAI's post-ESA reorganization, independent of the other Entergy Operating Companies, including generation planning, resource acquisition, and all other aspects of its utility operations (excluding transmission) on or before January 11, 2012; and
- Starting on January 6, 2012, and each month thereafter, a status report on EAI's progress on all activities associated with its transition to RTO membership and its post-ESA separation.

At the time of this report, Entergy has made the necessary filings for the change of control over Entergy's transmission facilities in each of its retail jurisdictions, except the Public Utility Commission of Texas. In accordance with the ICT Agreement, SPP will continue to be fully engaged in the ICT process and perform its designated duties and obligations as long as the agreement is in force.

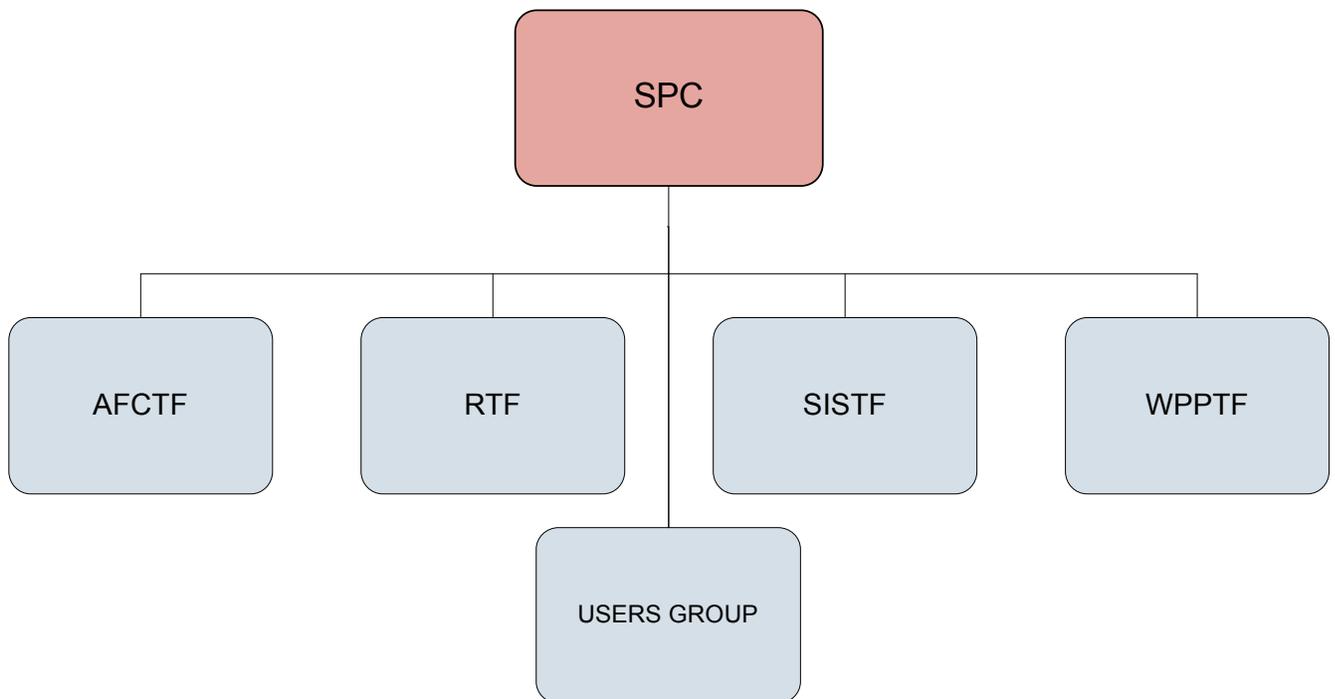
6.5 E-RSC Metrics

The most recent E-RSC Metrics are included in this report as Attachment 1.

7. Stakeholder Process

7.1 SPC Organization Chart

In August 2010, the SPC approved a restructuring of the SPC Charter. Under the new structure, the SPC disbanded the permanent working groups (i.e., LTTIWG, NTTIWG, and WPPIWG) and created specific task forces to address issues of interest to the SPC. The Users Group stays intact, reporting directly to the SPC. The following chart displays the four task forces approved by the SPC under the revised charter, including the AFC Task Force (AFCTF); the Reliability Task Force (RTF); the System Impact Study Task Force (SISTF); and the Weekly Procurement Process Task Force (WPPTF).



Each task force is charged with the following duties:

- Understand and explore the complexity of the task force issues.
- Facilitate open discussion amongst group members.
- Seek consensus within the group as to what are the most efficient and fair alternatives to correct any gaps in processes.
- Assist in making a reasonable decision based upon the information gleaned from the group's discussions.

All future updates and reports on each task force's activities will be provided in the section of this report associated with their respective functional responsibilities. See sections 2, 3, 4, and 5.

7.2 IssueTrak Update

As previously reported, SPP implemented IssueTrak to help manage stakeholder communications with SPP. The SPP IssueTrak can be viewed at: <http://spp.issuetrak.com/Login.asp>.

SPP continues to encourage stakeholders to access and utilize IssueTrak for all informal communications. SPP reviews IssueTrak to make certain that open items are responded to in a timely manner.

This quarter, no new issues were entered by the stakeholders into IssueTrak. No open issues were remaining from the previous quarter.

**Figure 15
Issues Received by IssueTrak
September 2011 – November 2011**

Contract Services – General	0
Planning	0
Reliability	0
Tariff	0
WPP	0
Total	0

In response to a SPC directive, the ICT Reliability Coordinator performed an analysis of the stakeholders' usage pattern of IssueTrak. The ICT Reliability Coordinator completed the required analysis in June 2011. As of this reporting period, the SPC has not included the presentation of the IssueTrak analysis on its meeting agenda. As soon as the SPC includes the IssueTrak analysis for discussion, the ICT Reliability Coordinator will make a presentation to the group.

7.3 SPC Meeting Reports

- 7.3.1 October 6, 2011, Teleconference and WebEx.** Thirty (30) attendees participated in the teleconference. Meeting minutes are provided in this report. See Attachment 3.

ISM Scope Document

The SPC had been asked by the E-RSC to draft a proposal for the scope of an ISM. At this meeting, the scope document and the details needed for the draft were presented to the stakeholders. There was discussion on the details of what the ISM would be asked to do and how an ISM would work with the current ICT structure. Stakeholders, Entergy, and the ICT expressed concerns on the timing of the ISM selection process, how far its scope would reach, and what functions the ISM would provide. It was determined that the stakeholders would send their comments on whether they supported the pursuit of an ISM at this time to Jennifer Vosburg so she could report back to the E-RSC WG at its October meeting. See section 6.2.

Congestion Management Process Improvements

At this meeting, the Reliability Coordinator presented the new Congestion Management Event (CME) process. Several stakeholders raised questions on the new process and how it used TLR and LAP events. It was reported that the Reliability Task Force was still working on the details of the process and that a final solution was scheduled to be completed by the end of the year. A request was also made to have the LAP statistics included in the ICT Quarterly Performance Report. As discussed earlier, the LAP statistics are included as part of Attachment 1 to this report. See section 2.4.5.

8. Stakeholder Communication

As outlined in the ICT's first quarterly report, the stakeholder process developed protocols for communications between stakeholders and SPP. The protocols developed by the stakeholder process state that communications between stakeholders and SPP will be classified as either formal or informal. If stakeholders desire to have their positions noted and documented in regulatory reports, the communication must be formal and follow the guidelines for formal communication provided below. This procedure does not limit communications with SPP or regulatory bodies, but provides an operating procedure for sorting and designating communications.

Stakeholders may provide written positions at stakeholder and task force meetings and all written material will be considered a formal communication. Stakeholder communications on issues currently under consideration in the stakeholder process must be presented at stakeholder and task force meetings or through the established exploder protocols to be considered formal communications. Stakeholders may also provide written communication directly to SPP on issues that are not under consideration in the stakeholder process but are relevant to ongoing activities. The stakeholders must conspicuously mark the written communication as formal. Stakeholders may provide positions over e-mail to SPP management. E-mail messages must be identified as formal; otherwise, e-mail messages will be considered informal communications. All communications required to be posted pursuant to FERC regulations shall be sent to SPP as required and will be considered formal communications.

Stakeholders should be actively engaged in the SPC meetings and may also have representatives at the task force meetings. SPP may refer to positions taken during meetings in its FERC reports, but will consider this informal communication. A written follow-up to a position taken at a meeting will be required to identify a position as a formal communication. Periodic meetings will take place between SPP and stakeholders. These meetings will be considered informal unless a stakeholder requests in writing that the meeting be considered formal. All telephone calls will be considered informal communications.

In comments to prior reports, stakeholders have expressed concern that such reports only account for formal communications and do not adequately reflect the stakeholders' informal communications. While SPP continues to believe that the reporting of only "formal" communications is consistent with the communication procedures unanimously adopted prior to the start-up of the ICT operations, SPP agrees that stakeholders' informal communications should also be accounted for and tracked in the report. Accordingly, SPP proposed and implemented IssueTrak to manage these stakeholder communications. See section 7.2.

8.1 Formal Communications During the Current Reporting Period

- 8.1.1** On October 21, 2011, Becky Turner, on behalf of Entegra, sent a formal communication to SPP regarding Entergy's tariff requirement to disclose the basic methodology, criteria, processes, data, and assumptions in all studies and planning processes performed as part of Entergy's planning process. SPP forwarded Ms. Turner's request to Entergy on the same day. See Attachment 4. On October 28, 2011, SPP forwarded Entergy's response to Ms. Turner's formal communication. See Attachment 5.
- 8.1.2** On October 24, 2011, Roberto Paliza, Paliza Consulting, sent a formal communication to SPP regarding Entergy's Construction Plan. Specifically, Mr. Paliza had a question about the latest revision to Entergy's Construction Plan and the impact of Arkansas and Mississippi being split from the Entergy ESA and creating two new Balancing Authorities. SPP responded to Mr. Paliza on October 25, 2011, that it had forwarded his request to Entergy, but had not yet received a response. See Attachment 6. SPP continued to follow-up with Entergy on this request, most recently via a phone call and an e-mail on November 10, 2011. At the end of this reporting period, however, no response from Entergy had yet been received by SPP.
- 8.1.3** As previously reported, SPP has continued to work on a response to Ms. Turner's follow-up communication request from August 9, 2011. On September 8, 2011, SPP informed Ms. Turner that a meeting had been scheduled with Entergy and the process should be completed by the end of September. See Attachment 7. On September 14, 2011, SPP met with Entergy and obtained information on the required steps to recreate the evaluation of a single TSR in the past, including the systems, models, and data that would be required for each TSR and the possible complications in extracting the information. On September 28, 2011 SPP's ICT TA group and ICT Reliability Coordinator met internally to review and analyze Entergy's responses. Subsequently, SPP determined that further clarification was necessary and a follow-up call was held with Entergy on October 4, 2011. At that meeting, Entergy answered SPP's questions. At or about the time of this report, SPP provided a final response to Ms. Turner's formal communication.

9. Users Group and Data/Software Management

9.1 Overview

The ICT Approval Order (at paragraph 109) states “the Commission proposes that users of Entergy’s transmission and data systems form a Users Group to assess how the Entergy transmission and data (IT) systems are performing.” Pursuant to this directive from the Commission, the Users Group was formed under the SPC and addresses specific IT and data system issues as well as other issues brought forth by the SPC.

The actions of the Users Group will target Entergy’s transmission and data systems and assess how these systems are performing in the area of data access, quality, and data retention. In addition, the Users Group, either in conjunction with SPP or separately, will evaluate Entergy’s IT systems and IT resource allocations to measure their efficiency. If deemed necessary, recommendations for change will be addressed to the Commission in order to correct the accuracy of data received by Transmission Customers.

9.2 Assessment of Entergy’s AFC Backup Process

The quarterly on-site assessment of the Entergy AFC Backup Process did not occur in November due to scheduling conflicts; however, the audit was completed on December 7, 2011. SPP plans to present its report to the Users Group in the first quarter of 2012. See Attachment 8.

Assessment Discussion: SPP examined the regular AFC and WPP data retention processes and Entergy’s efforts to improve and develop more efficient and reliable data backup, archival, and retention procedures discussed in the August 2011 assessment.

The specifics of the data requested and validated as part of the audit can be found in the attached report referenced above. During this assessment, SPP found that the weekly full and daily incremental backup processes were completed successfully for all sampled dates.

In addition to the normal audit performed by SPP, Entergy performed a detailed gap analysis for August, September, and October. Entergy also identified the remediation steps it took for any identified issues. A detailed log of Entergy’s gap analysis is included as an attachment to the current assessment.

SPP examined sample dates for Entergy’s internal information vaulting system’s (IVS) online tape histories and confirmed that all sampled tapes were appropriately sent offsite.

SPP inspected the August 2011 monthly archive backup and restoration logs and found that AFC, WPP, and Historical Data Recorder (HDR) data files were properly backed up to archive and test stored.

An examination of the checksum process logs determined that all files archived for the month of August 2011 were successfully transferred from EMS to online file storage. In addition, SPP substantiated that current plus three (3) months of AFC data was stored on the EMS and current plus twelve (12) months of AFC data was stored online as required by Entergy policy and procedure.

As previously reported, Entergy has identified certain AFC data that were reaching end-of-life (i.e., older than five (5) years) and no longer needed to be retained. However, these data reside on archive tapes that also contain HDR data that have a longer retention schedule (i.e., twenty-five (25) years). Entergy is continuing to work on a way to split the historical data and plans to replace the current archive system by May 2012.

Finally, SPP and Entergy IT Staff reviewed and discussed the Lost, Inaccurate, or Mishandled Data submissions made by Entergy during this reporting period. These filings are discussed in more detail in section 9.3.2 below.

9.3 Data Accuracy and Management

Pursuant to the ICT Approval Order at paragraphs 110 and 304, SPP and Users Group are required to track and provide an annual report on certain metrics related to Entergy's software or data management errors that have resulted in lost, inaccurate, or mismanaged data. In anticipation of providing that information in its annual report, SPP is collecting data for each category identified in the ICT Approval Order. In addition, when problems are discovered, SPP and Users Group work with Entergy to improve the accuracy of data. Such issues may include, but are not limited to, AFC data availability and accuracy as well as various other customer concerns regarding transmission service availability, approvals, or denials.

During the current reporting period, SPP is not aware of any occurrences of lost AFC data. SPP, working with the stakeholders and Entergy, identified instances during the current reporting period which may have impacted the proper evaluation of TSRs due to inaccurate modeling assumptions or mismanaged data. Additional details concerning these incidents are provided in section 9.3.2 below.

In addition, the ICT Approval Order, at paragraph 110, established procedures SPP must follow for reporting complaints and errors related to Entergy's data systems. Under those procedures, SPP shall post any Transmission Customer complaints related to Entergy's data systems on OASIS within 24 hours of such complaint. In addition, SPP shall post on OASIS within 24 hours any notice received by Entergy that Entergy has discovered data has been lost, reported inaccurately, or mismanaged. Further, in the next scheduled report, SPP shall advise Interested Government Agencies whether Entergy has

remedied the problem. In cases where Entergy has not remedied the problem, SPP is required to provide a timetable indicating when Entergy proposes to implement a remedy and SPP's views on the adequacy of the remedy. See section 9.3.2. Each filed data error report discussed in section 9.3.2 below was posted to Entergy's OASIS within 24 hours after filing.

9.3.1 Inaccurate Data

As of the date of this report, no instances of inaccurate data were known to SPP that had not already been reported as discussed in more detail in section 9.3.2.

9.3.2 Filed Data Error Reports

9.3.2.1 *October 25, 2011, Docket No. ER05-1065-000: Report of AFC Related Error.*

Exclude Flag

On October 12, 2011, SPP notified Entergy that there were three (3) TSRs submitted by Entergy that did not properly have the exclude flag in webTrans. The exclude flag is necessary when long-term TSRs are in "study" and have not yet been "accepted." As a result of "study" status, the exclude flag in webTrans removes the impact of the TSRs from the AFC calculations. Entergy manually corrected the error on October 12, 2011.

Entergy reported that the error may have resulted in incorrect AFC values for the Study Horizon. However, Entergy stated that no TSRs impacting the affected time points were denied during this period. See Attachment 9.

SPP reviewed this issue with Entergy during the audit completed in December. SPP has confirmed that the corrective action taken by Entergy should resolve the problem. No further issue related to this matter has been observed by SPP.

9.3.2.2 *November 21, 2011, Docket No. ER05-1065-000: Report of AFC Related Error.*

Net Schedule File

The Net Schedule File is only used in the AFC process during the Operating Horizon and should be updated every hour. On November 8, 2011, Entergy discovered that the Net Schedule File did not update as required. As a result, any changes in schedules during the duration of the error were not reflected in the AFC calculations. Upon investigation, Entergy determined the error was introduced during a database account permissions change. Entergy corrected the error on November 8, 2011, and the Net Schedule File resumed updating.

Entergy reported that this error had the potential to impact the Non-Firm AFC calculations in the Operating Horizon. Entergy stated it was not technically possible to determine the exact impact to AFC calculations or the processing of TSRs during this period. See Attachment 10.

SPP reviewed this issue with Entergy during the audit completed in December. SPP has confirmed that the corrective action taken by Entergy should resolve the problem. No further issue related to this matter has been observed by SPP.

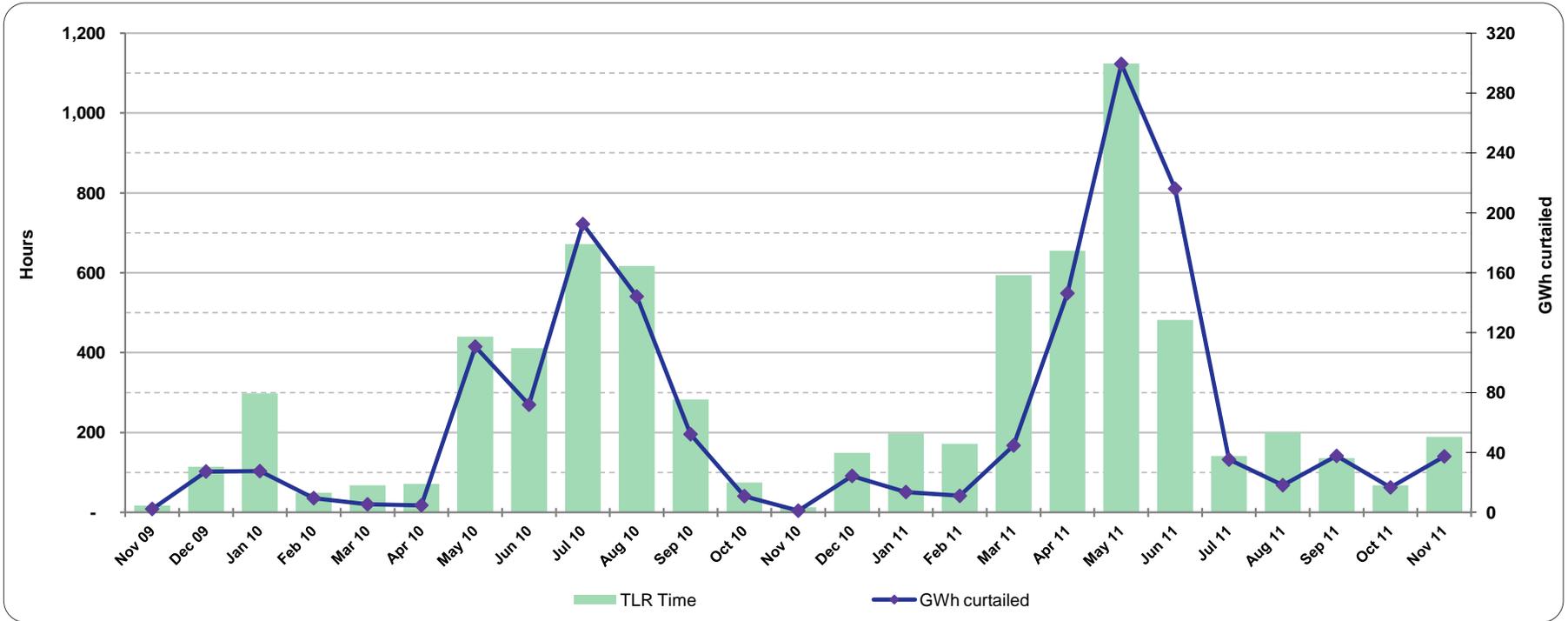
9.4 Modeling Assumptions Log

As discussed in section 8, SPP has established a formal communication procedure for a stakeholder to raise any issue or make a reasonable request. Under this procedure, a stakeholder must either provide a written request to SPP or provide a written request to one of the stakeholder e-mail exploder lists. SPP has discussed the process for formal communication in multiple stakeholder committee and working group meetings and has highlighted the adopted procedure in these meetings.

During the current reporting period, SPP received no formal requests to make a specific change in modeling assumptions. However, numerous policy-related assumptions continue to be considered by the various SPC task forces referenced in section 7.

Attachment 1

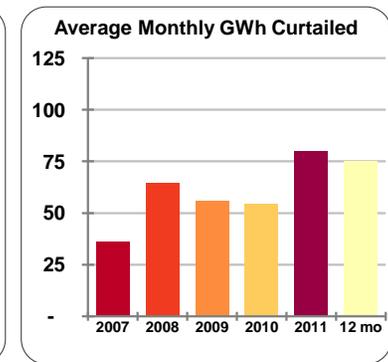
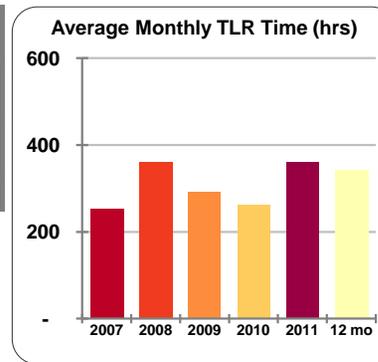
1a. Congestion - TLR Time and Curtailments



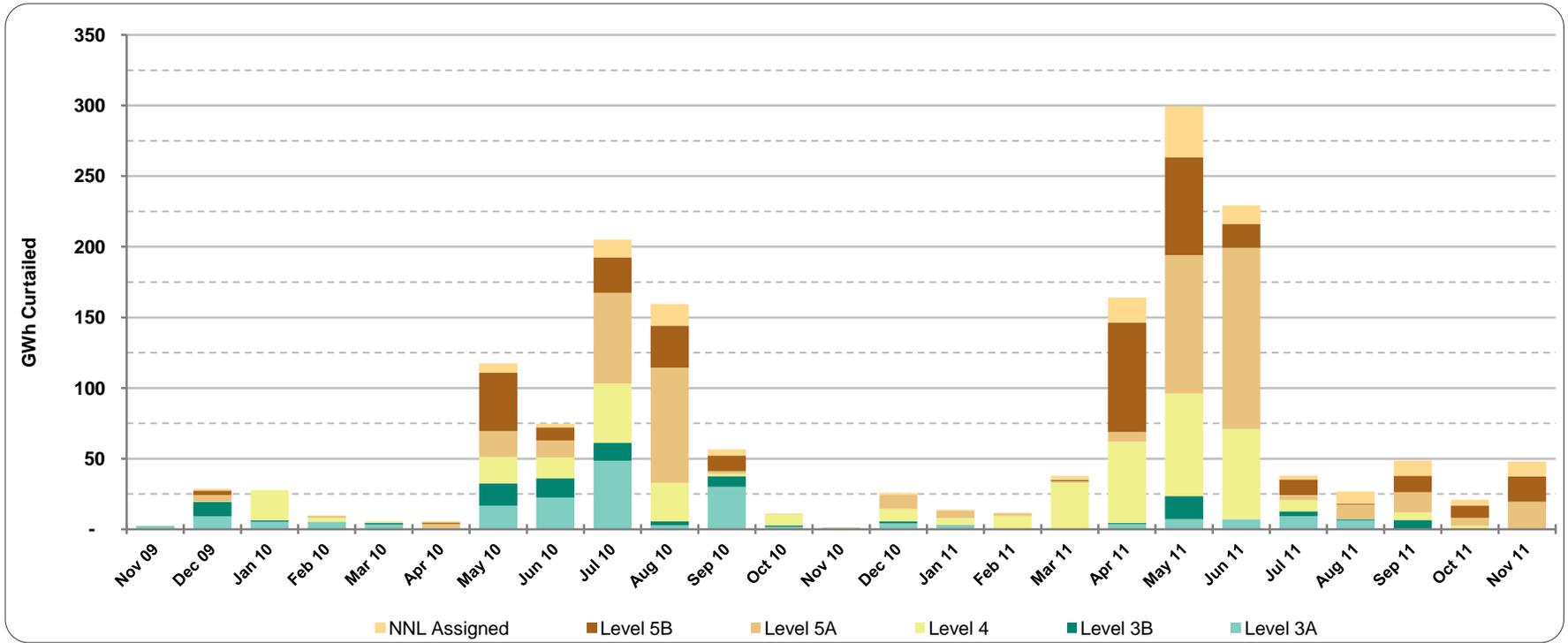
	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
TLR Time (hours)	13	149	198	172	594	655	1,124	482	141	200	136	68	189
GWh curtailed	1.2	24.4	13.6	11.1	44.7	146.3	299.5	216.1	35.3	18.2	37.7	16.7	37.4

	2007	2008	2009	2010	2011	last 12 months
TLR Time (hours)	252	359	291	262	360	342
GWh curtailed	36	65	56	55	80	75

Monthly Average



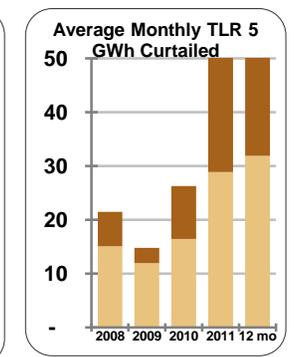
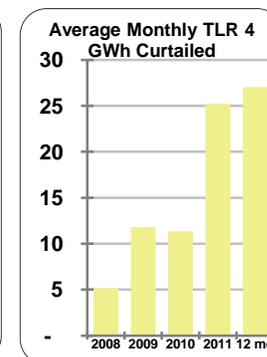
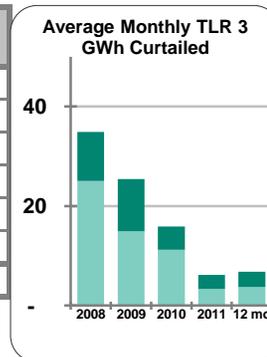
1b. Congestion - by TLR Level (GWh)



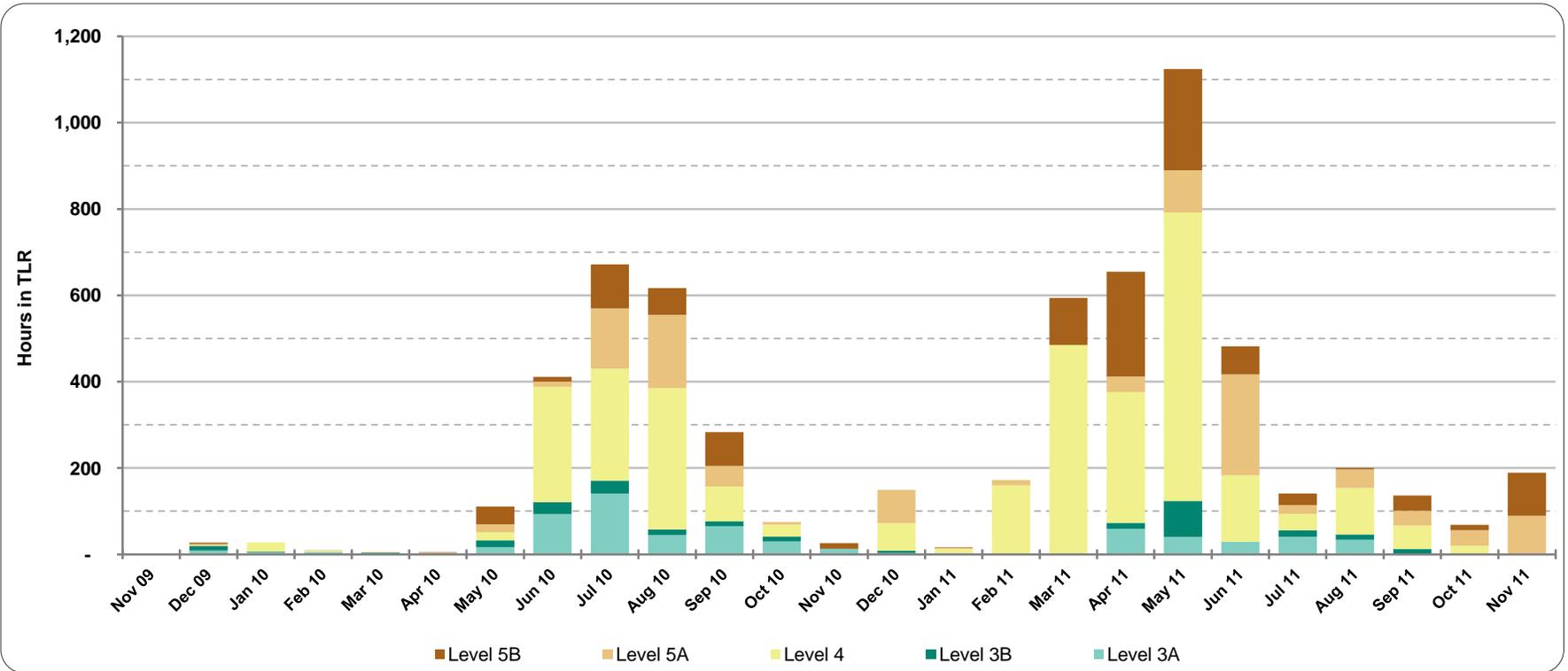
<i>in GWh</i>	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
Level 3A	1.0	4.2	3.3	0.0	0.0	3.7	7.2	7.1	9.4	6.4	0.0	0.1	0.0
Level 3B	0.0	1.4	0.0	0.5	0.0	0.8	16.2	0.0	3.4	0.9	6.5	0.0	0.0
Level 4	0.0	9.0	4.7	9.0	33.0	57.6	72.8	64.0	8.0	0.0	5.4	2.6	0.0
Level 5A	0.1	9.8	4.7	1.5	1.0	6.7	97.9	128.2	3.6	10.3	14.4	5.6	19.6
Level 5B	0.0	0.0	0.1	0.0	1.0	77.6	69.5	16.9	11.0	0.7	11.4	8.5	17.8
NNL Assigned	0.0	1.2	1.2	0.6	2.8	17.8	36.0	13.2	2.8	8.5	11.1	4.3	10.5

<i>in GWh</i>	2007	2008	2009	2010	2011	last 12 months
Level 3A	15.7	25.1	14.9	11.2	3.4	3.8
Level 3B	9.1	9.8	10.5	4.7	2.8	3.1
Level 4	7.3	5.2	11.8	11.3	25.2	27.0
Level 5A	8.3	15.1	11.9	16.5	28.9	31.9
Level 5B	1.5	6.4	2.8	9.8	21.4	23.8
NNL Assigned	-	2.4	1.5	3.8	10.7	11.9

Monthly Average

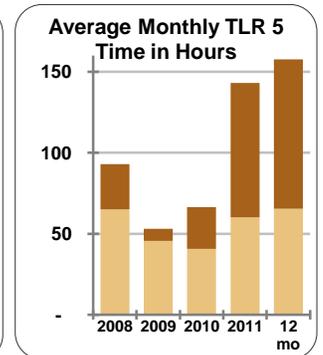
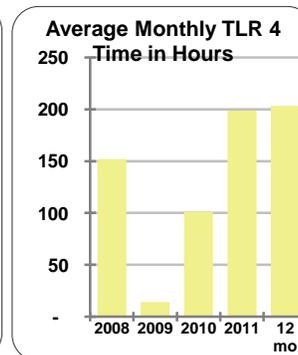
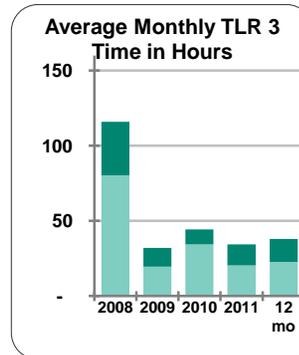


1c. Congestion - by TLR Level (Hours)



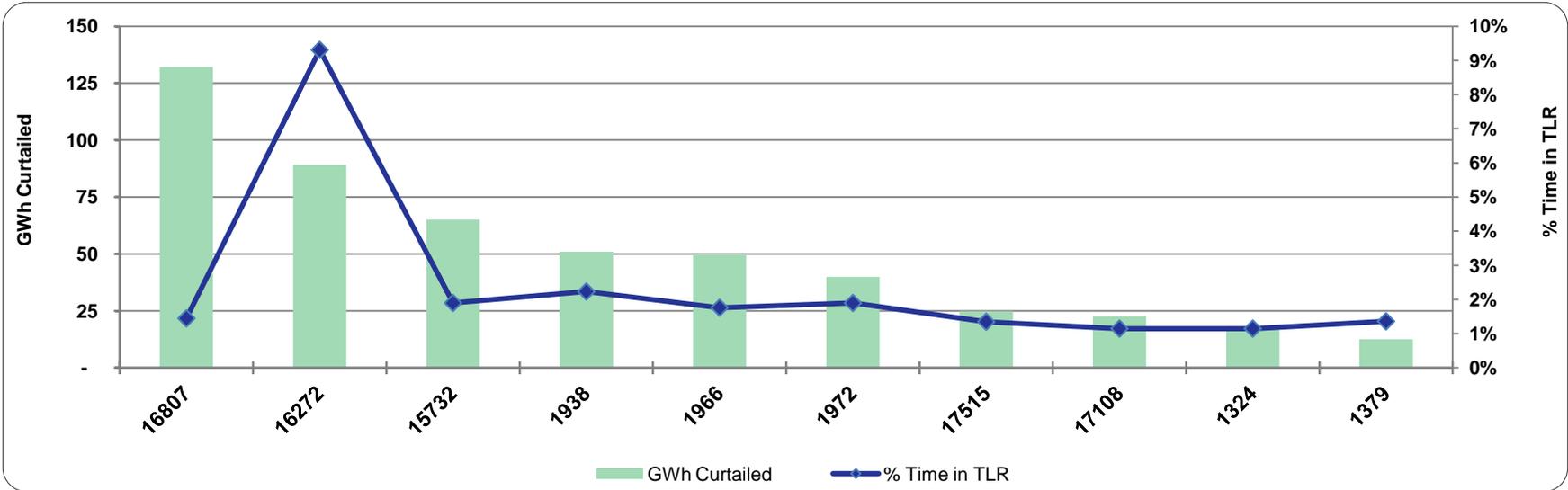
<i>in Hours</i>	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
Level 3A	13	3	3	-	-	59	40	29	41	34	-	2	-
Level 3B	-	5	-	2	-	14	84	-	15	12	12	-	-
Level 4	-	64	10	158	485	303	668	154	38	108	55	18	-
Level 5A	-	77	2	12	-	36	98	234	20	43	34	36	89
Level 5B	13	-	1	-	109	243	234	65	27	3	35	12	100

<i>in Hours</i>	2008	2009	2010	2011	last 12 months
Level 3A	80.3	19.6	34.4	20.5	22.8
Level 3B	35.6	12.3	9.8	13.9	15.2
Level 4	152.0	14.2	101.1	198.7	203.2
Level 5A	65.0	45.5	40.7	60.2	65.6
Level 5B	28.0	7.6	25.8	82.8	92.0
Monthly Average					



Note: SPP ICT TLR data is captured based on the highest TLR level per event, not the actual level for each hour of an event.

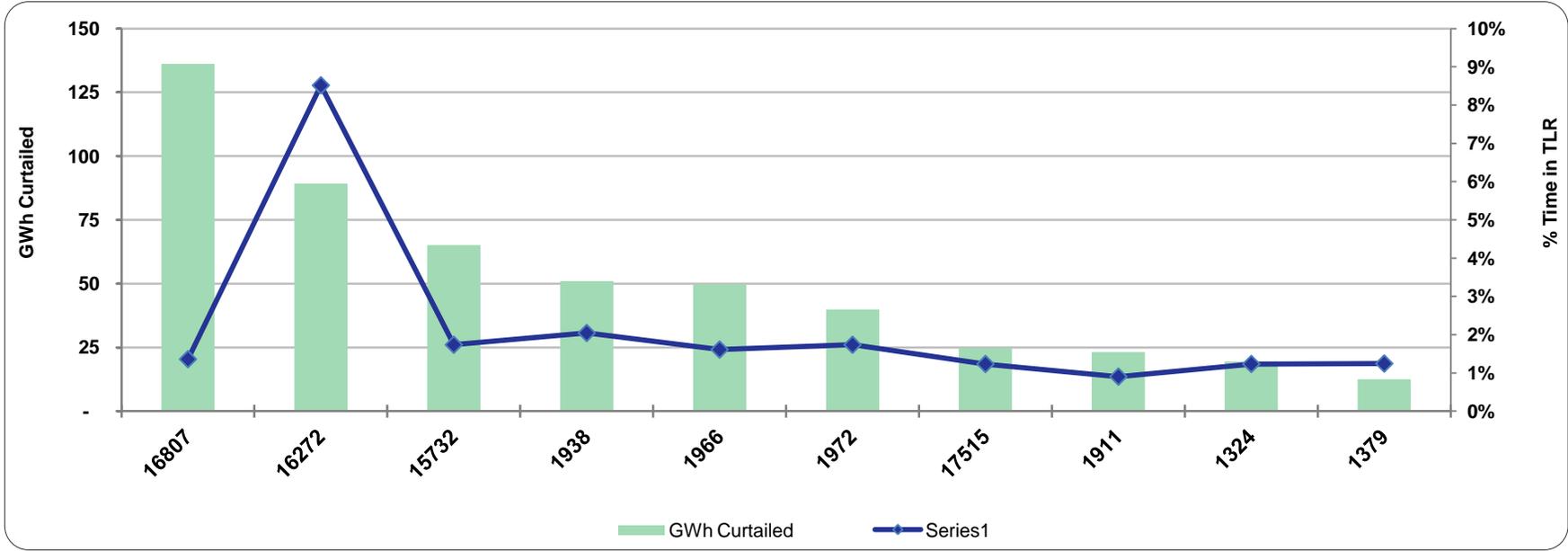
1f. Congestion - by Flowgate (2011 year-to-date)



Flowgate ID	Flowgate Location (kV)	State	GWh Curtailed	% Time in TLR	Proposed Solution [estimated completion date]
16807	Dell - San Souci 500kv	Arkansas	132.1	1.4%	Number of outages in Arkansas due to tornado-producing storms. All lines repaired. No projects planned
16272	Nelson AT1 500/230 (ftlo) Hartburg 500kv - Cypress	Louisiana/Texas	89.2	9.3%	Operational issue that resulted from unit outage scheduling; No specific project proposed
15732	Willow Glen 500/230 AT2 flo Willow Glen-Waterford 500kV	Louisiana	65.1	1.9%	Bayou LaButte project (Completed November 2011)
1938	Sheridan-El Dorado 500 kV for the loss of Etta-McNeil 500 kV	Arkansas	51.0	2.2%	Sheridan South Economic Project (Summer 2014)
1966	Sheridan - Mabelvale 500kv ftlo White Bluff - Keo 500kv	Arkansas	49.8	1.8%	Sheridan South Economic Project (Summer 2014)
1972	Webre-Willow Glen 500kv ftlo Big Cajun-Fancy 500kv	Louisiana	39.9	1.9%	Bayou LaButte project (Completed November 2011)
17515	Cypress 500/138kv AT1 Xmfr ftlo Hartburg - Nelson 500kv	Louisiana/Texas	24.8	1.3%	The 500/230 kV autotransformer failed. Replacement autotransformer is on order. Installation of the replacement autotransformer is expected to occur in the first quarter of 2012.
17108	ANO - Mabelvale 500kV (PTDF)	Arkansas	22.6	1.1%	Number of outages in Arkansas due to tornado-producing storms. All lines repaired. No projects planned. Holland Bottoms Phase 1 (January 2012) and Holland Bottoms Phase 2 (Summer 2012)
1324	WhiteBluff-Sheridan for loss of Mabelvale-Sheridan	Arkansas	17.3	1.1%	Sheridan South Economic Project (Summer 2014)
1379	Grimes-Mt Zion for the loss of Grimes - Walden	Texas	12.5	1.4%	Upgrade Mt. Zion-Huntsville (2019)

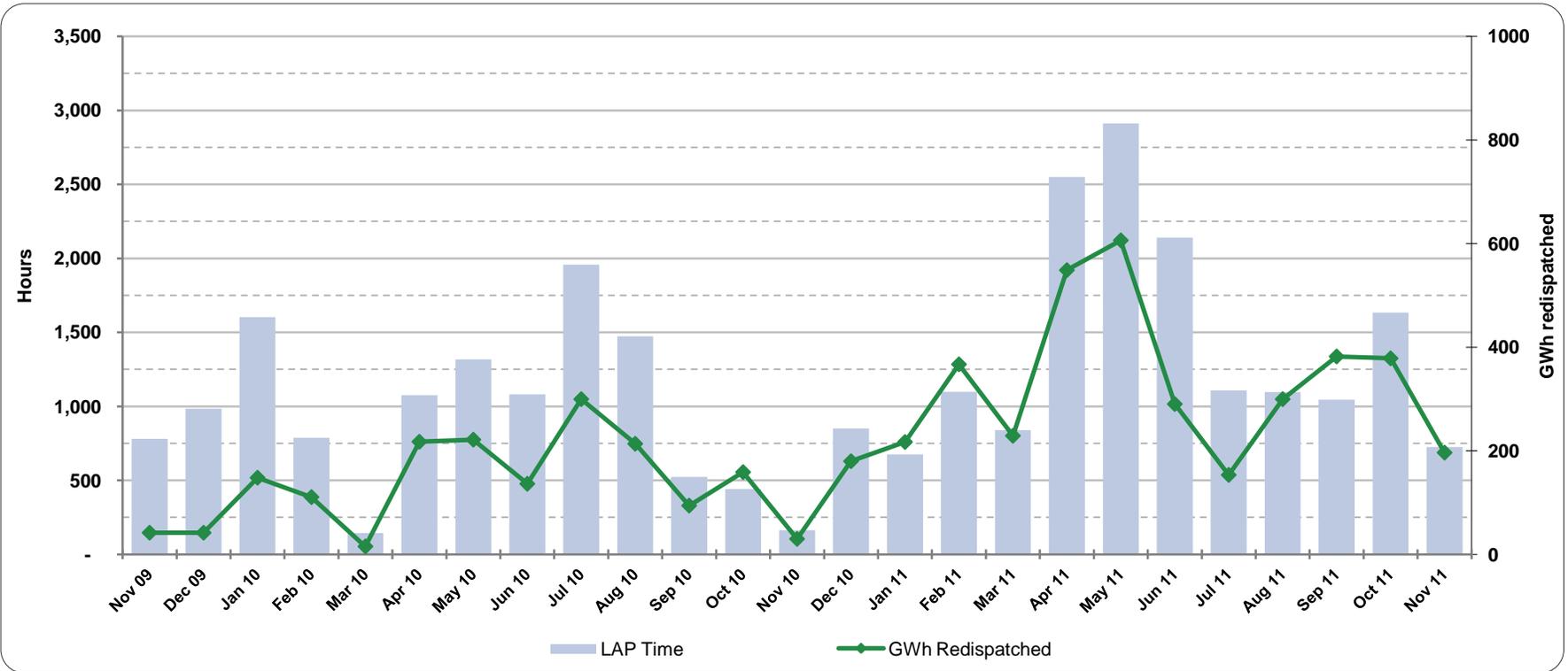
1f. Congestion - by Flowgate - 12 months ending

November 2011



Flowgate ID	Flowgate Location (kV)	State	GWh Curtailed	% Time in TLR	Proposed Solution [estimated completion date]
16807	Dell - San Souci 500kv	Arkansas	136.2	1.4%	Number of outages in Arkansas due to tornado-producing storms. All lines repaired. No projects planned.
16272	Nelson AT1 500/230 (ftlo) Hartburg 500kv - Cypress	Louisiana/Texas	89.2	8.5%	Operational issue that resulted from unit outage scheduling; No specific project proposed
15732	Willow Glen 500/230 AT2 flo Willow Glen-Waterford 500kV	Louisiana	65.1	1.7%	Bayou LaButte project (Completed November 2011)
1938	Sheridan-El Dorado 500 kV for the loss of Etta-McNeil 500 kV	Arkansas	51	2.0%	Sheridan South Economic Project (Summer 2014)
1966	Sheridan - Mabelvale 500kv ftlo White Bluff - Keo 500kv	Arkansas	49.8	1.6%	Sheridan South Economic Project (Summer 2014)
1972	Webre-Willow Glen 500kv ftlo Big Cajun-Fancy 500kv	Louisiana	39.9	1.7%	Bayou LaButte project (Completed November 2011)
17515	Cypress 500/138kv AT1 Xmfr ftlo Hartburg - Nelson 500kv	Louisiana/Texas	24.8	1.2%	The 500/230 kV autotransformer failed. Replacement autotransformer is on order. Installation of the replacement
1911	Hartburg-Inland Orange 230 kV for the loss of Hartburg-Cypress 500 kV	Texas	23.2	0.9%	Upgrade of the Hartburg-Inland Orange 230 kV line. (December 2011)
1324	WhiteBluff-Sheridan for loss of Mabelvale-Sheridan	Arkansas	19.4	1.2%	Sheridan South Economic Project (Summer 2014)
1379	Grimes-Mt Zion for the loss of Grimes - Walden	Texas	12.5	1.2%	Upgrade Mt. Zion-Huntsville (2019)

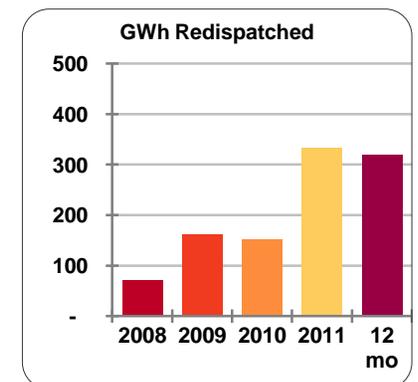
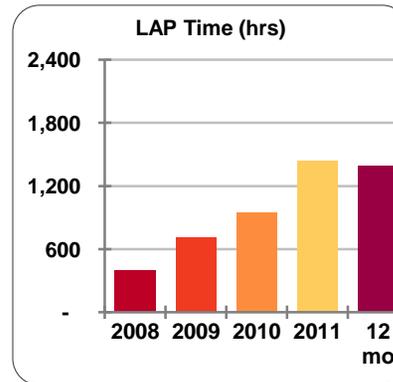
1a. Congestion - LAP Time and Redispatch



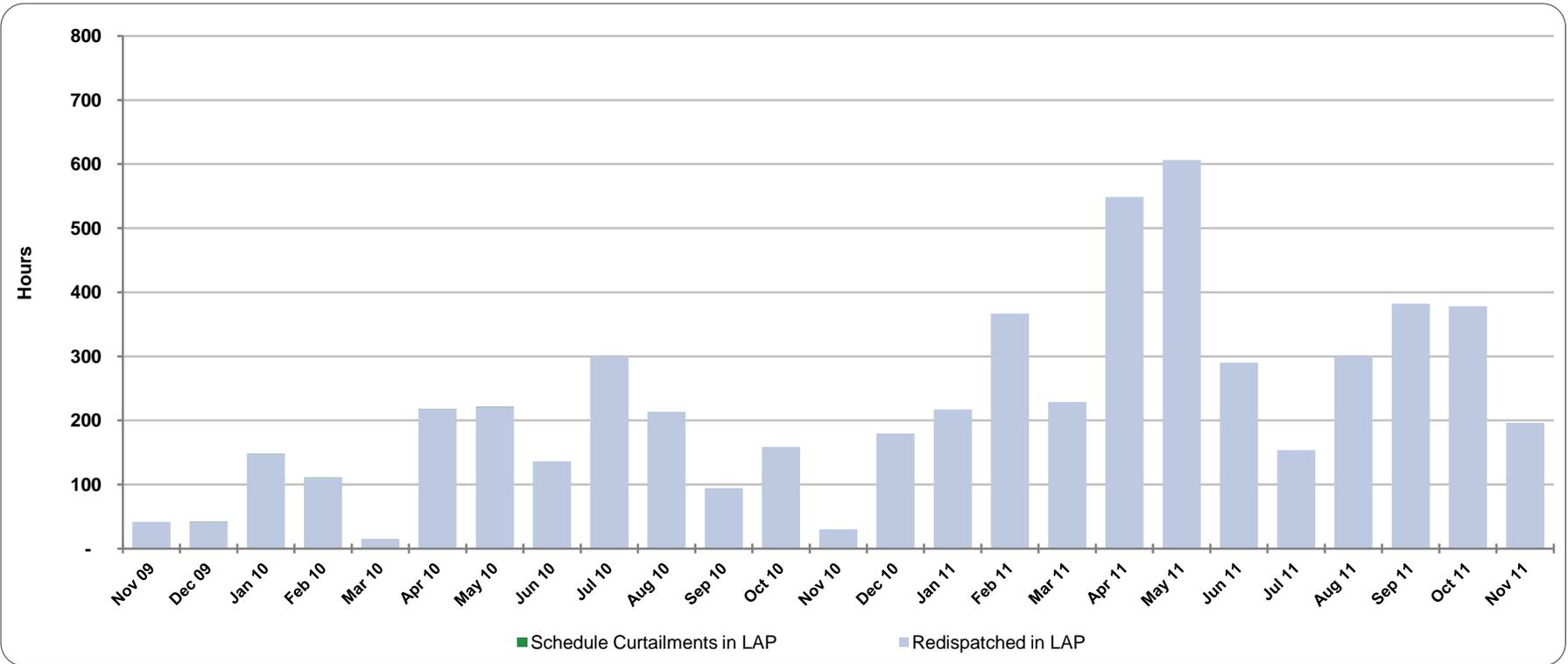
	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
LAP Time (hours)	163	851	675	1,099	840	2,549	2,912	2,140	1,107	1,096	1,044	1,633	725
GWh redispatched	30	180	217	367	229	549	606	290	153	300	382	378	196

	2008	2009	2010	2011	last 12 months
LAP Time (hours)	398	714	952	1,438	1,389
GWh redispatched	72	163	152	333	321

Monthly Average

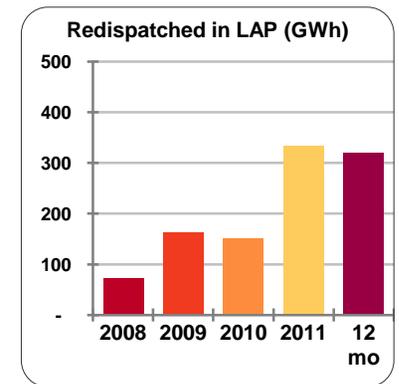
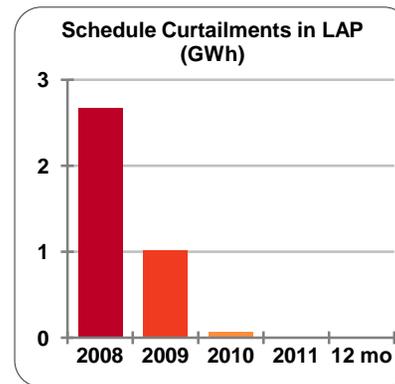


1b. Congestion - LAP Redispatch and Schedule Curtailments

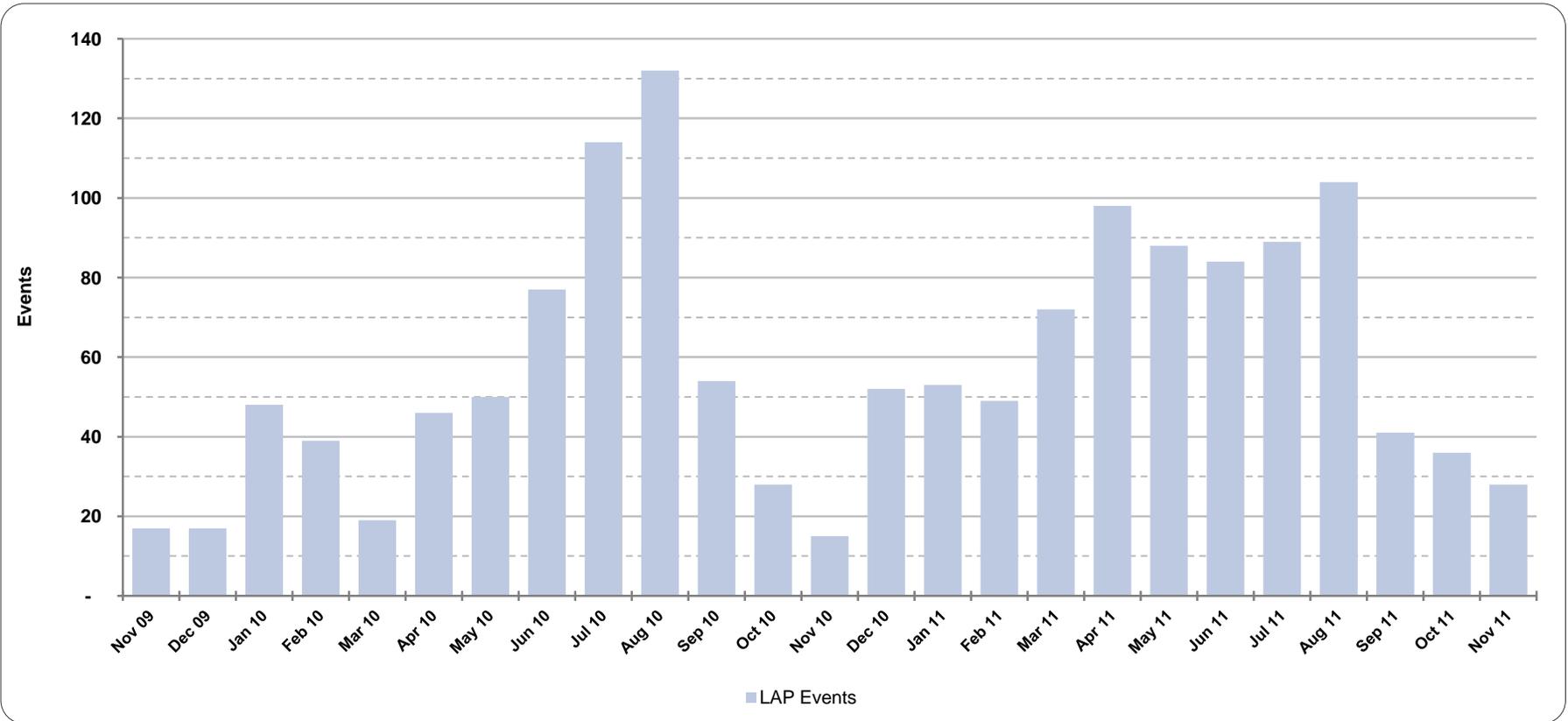


<i>in GWh</i>	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
Schedule Curtailments in LAP	-	-	-	-	-	-	-	-	-	-	-	-	-
Redispatched in LAP	29.8	179.8	216.9	366.8	228.9	548.7	606.2	290.2	153.4	299.6	382.0	378.4	196.4

<i>in GWh</i>	2008	2009	2010	2011	last 12 months
Schedule Curtailments in LAP	2.7	1.0	0.1	-	-
Redispatched in LAP	72	163	152	333	321
Monthly Average					

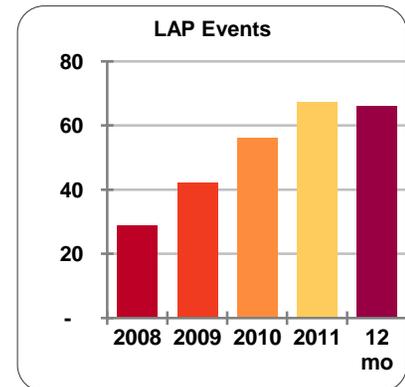


1c. Congestion - LAP Events



	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
LAP Events	15	52	53	49	72	98	88	84	89	104	41	36	28

	2008	2009	2010	2011	last 12 months
LAP Events	29	42	56	67	66
Monthly Average					



1f. Congestion - by Flowgate (LAP) - 2011



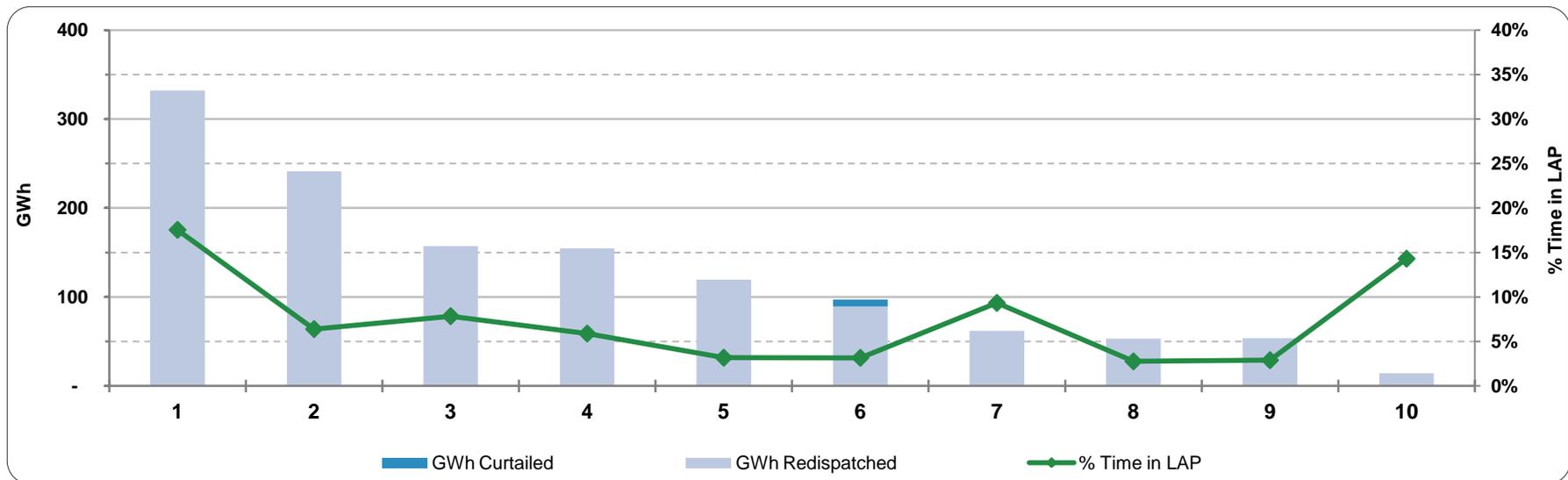
Rank	Flowgate Location (kV)	State	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	Proposed Solution [estimated completion date]
1	Addis - Tiger 230 kV FTLO Dow Meter - Air Liquid 230 kV	Louisiana	39.6%	425.4	0.0	No specific project proposed. Generation redispatch to address QF put.
2	Brookhaven - Mallallieu 115 kV FTLO Franklin - Bogalusa 500 kV	Mississippi	6.5%	245.3	0.0	Hammond to Loblolly 230 kV line (Placed In-Service Dec 2011)
3	Grimes - Mt Zion 138 kV FTLO Grimes - Bentwater 138 kV	Texas	11.2%	187.2	0.0	Upgrade Grimes to Mt. Zion (2019)
4	Nelson AT1 500 / 230 kV FTLO Hartburg - Cypress 500 kV	Louisiana	5.3%	171.9	0.0	Operational issue that resulted from unit outage scheduling; No specific project proposed
5	Willow Glen AT2 500 / 230 kV FTLO Willow Glen - Waterford 500 kV	Louisiana	5.7%	153.9	0.0	Bayou LaBoutte Project (Placed In-Service Nov 2011)
6	Willow Glen AT2 500 / 230 kV FTLO Fancy Auto 500/230 500 / 230 kV	Louisiana	6.1%	124.6	0.0	Bayou LaBoutte Project (Placed In-Service Nov 2011)
7	Hot Springs AT1 500 / 115 kV FTLO Hot Springs AT2 500 / 115 kV	Arkansas	5.6%	108.9	0.0	No specific project proposed
8	Cow - Colonial Orange 138 kV FTLO Cow Bulk - Sabine 138 kV	Texas	8.3%	39.0	0.0	No specific project proposed.
9	Redgum - Natchez 115 kV FTLO Plantation - Vidalia 115 kV	Louisiana/Mississippi	17.7%	26.3	0.0	Operate capacitor banks in the Plantation/Red Gum/ Natchez areas in a manner that will minimize reactive power flows on Natchez to Redgum line.
10	Plant3 - South Ferriday Tap 115 kV FTLO Plant 3 - Vidalia 115 kV	Louisiana	12.2%	24.1	0.0	Operate capacitor banks in the Plantation/Red Gum/ Natchez areas in a manner that will minimize reactive power flows on

1f. Congestion - by Flowgate (LAP) - 2010



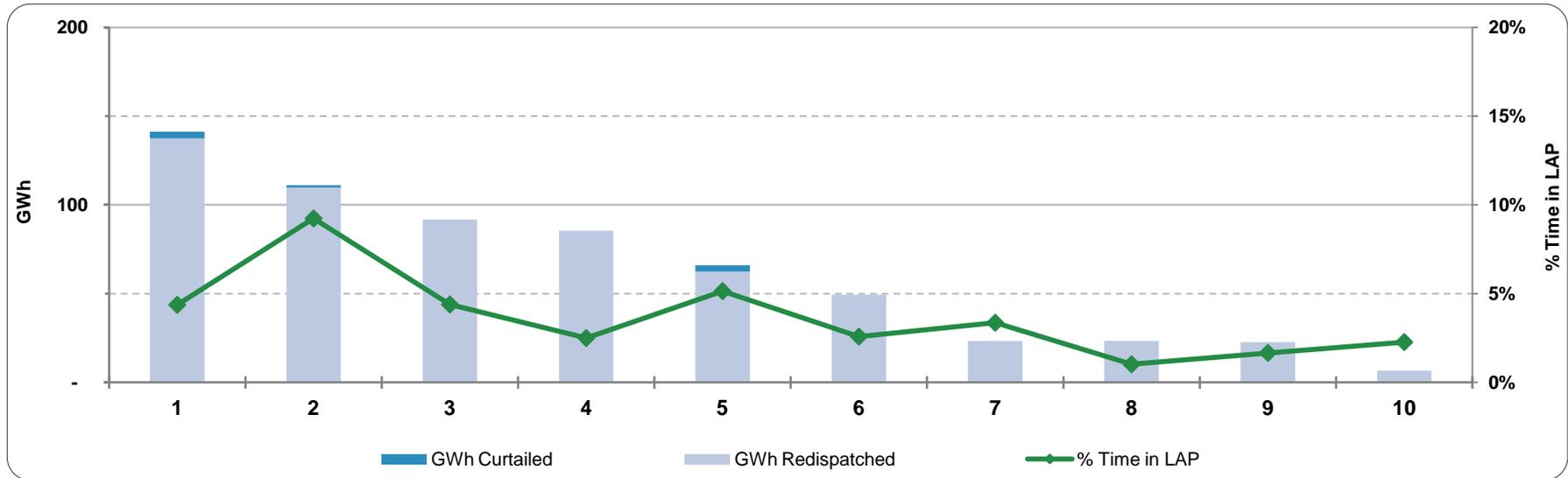
Rank	Flowgate Location (kV)	State	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	Proposed Solution [estimated completion date]
1	Redgum - Natchez 115 kV FTLO Plantation - Vidalia 115 kV (ELI - EMI)	Louisiana - Mississippi	49.4%	238.8		Utilize operating guide for capacitor bank utilization in the Plantation/Red Gum/ Natchez areas to help minimize reactive power flows on Natchez to Redgum line.
2	Oakridge - Sterlington 115 kV FTLO Perryville - Baxter Wilson 500 kV (ELI)	Louisiana	4.8%	213.2		Install series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)
3	PPG - Rose Bluff 230 kV FTLO Nelson - Carlyss 230 kV	Louisiana	5.2%	113.0		No specific project proposed
4	Alchem - Monochem 138 kV FTLO St. Gabriel - AAC Corp 230 kV	Louisiana	3.1%	104.5		Upgrade Alchem to Monochem (2011)
5	Grimes - Mt Zion 138 kV FTLO Grimes - Bentwater 138kV	Texas	3.7%	86.1		Upgrade Grimes-Mt. Zion (2019)
6	Addis - Tiger 230 kV FTLO Dow Meter - Air Liquid 230 kV (EGSL)	Louisiana	13.1%	65.1	0.1	No specific project proposed. Generation redispatch to address QF put.
7	Navasota - Tubular 138 kV FTLO Grimes - Mt Zion 138 kV (ETI)	Texas	4.1%	56.7		No specific project proposed
8	McAdams AT1 500/230 kV ftlo Choctaw Gas - West Point 500 kV	Texas	3.4%	52.8		McAdams Area Upgrades (2011) • McAdams -- add 2nd 500/230 kV auto • McAdams - Pickens 230 kV line upgrade
9	Cow - Colonial Orange 138 kV FTLO Cow Bulk - Sabine 138 kV (EGSL)	Texas	11.4%	32.5	0.7	No specific project proposed. Generation redispatch to address QF put.
10	Mabelvale AT1 500/115 kV FTLO Mabelvale AT2 500/115 kV	Arkansas	3.2%	22.1		Holland Bottoms Project (2011)

1f. Congestion - by Flowgate (LAP) - 2009



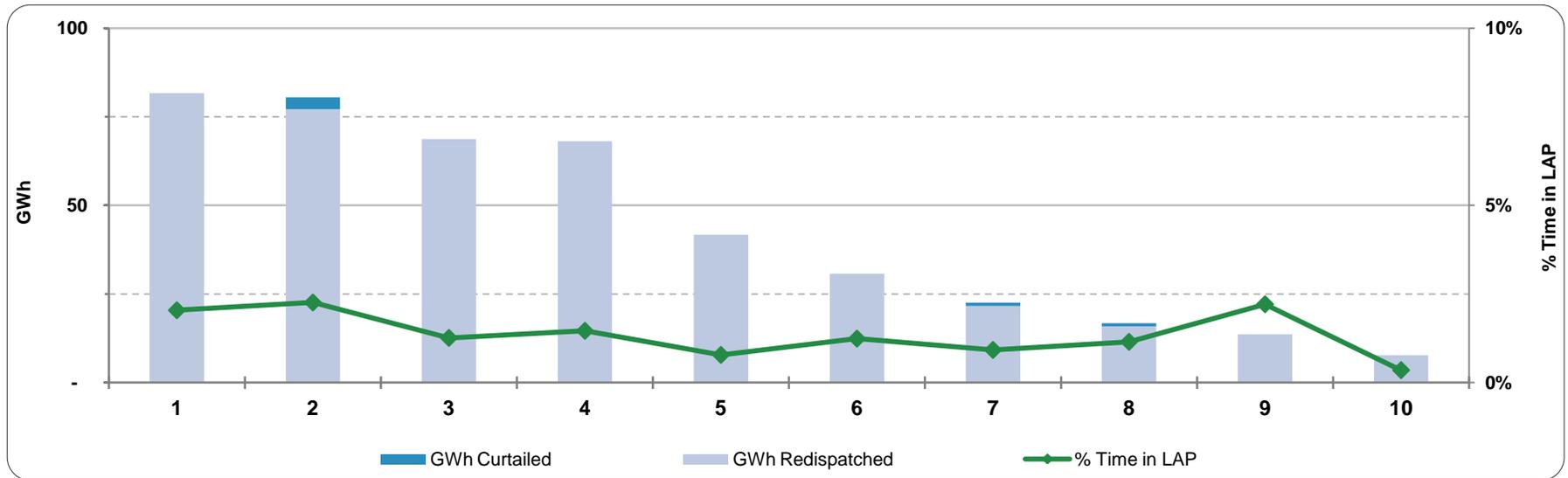
Rank	Flowgate Location (kV)	Operating Company	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	
1	Grimes - Mt Zion 138 kV FTLO Grimes - Walden 138 kV	ETI	17.5%	332.0		Upgrade Grimes-Mt. Zion (2019)
2	Adams Creek - Bogulsa #3 230 kV FTLO Adams Creek - Bogulsa #2 230 kV	ELI	6.4%	241.4		Adams Creek to Bogalusa Project (Completed)
3	Newport - Fisher 161 kV FTLO Independence - Dell 500 kV	EAI	7.8%	157.2		No specific project proposed
4	Waterford - Little Gypsy #2 230 kV FTLO Waterford - Little Gypsy #3 230 kV	ELI	5.9%	154.6		No specific project proposed
5	Ppg - Rose Bluff 230 kV FTLO Nelson - Carlyss 230 kV	EGSL	3.2%	119.5		No specific project proposed
6	South Jackson - Florence 115 kV FTLO Franklin - Bogalusa 500 kV	EMI	3.2%	89.2	8.0	Upgrade South Jackson to Florence 115 kV Line. (Completed)
7	Addis - Tiger 230 kV FTLO Dow Meter - Air Liquid 230 kV	EGSL	9.3%	61.8		No specific project proposed. Generation redispatch to address QF put.
8	Alchem - Monochem 138 kV FTLO St. Gabriel - Aac Corp 230 kV	EGSL	2.8%	53.2		Upgrade Alchem to Monochem (2011)
9	Oakridge - Sterlington 115 kV FTLO Perryville - Baxter Wilson 500 kV	ELI	2.9%	52.8	0.0	Series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)
10	Redgum - Natchez 115 kV FTLO Plantation - Vidalia 115 kV	ELI - EMI	14.3%	14.2		Utilize operating guide for capacitor bank utilization in the Plantation/Red Gum/ Natchez areas to help

1f. Congestion - by Flowgate (LAP) - 2008



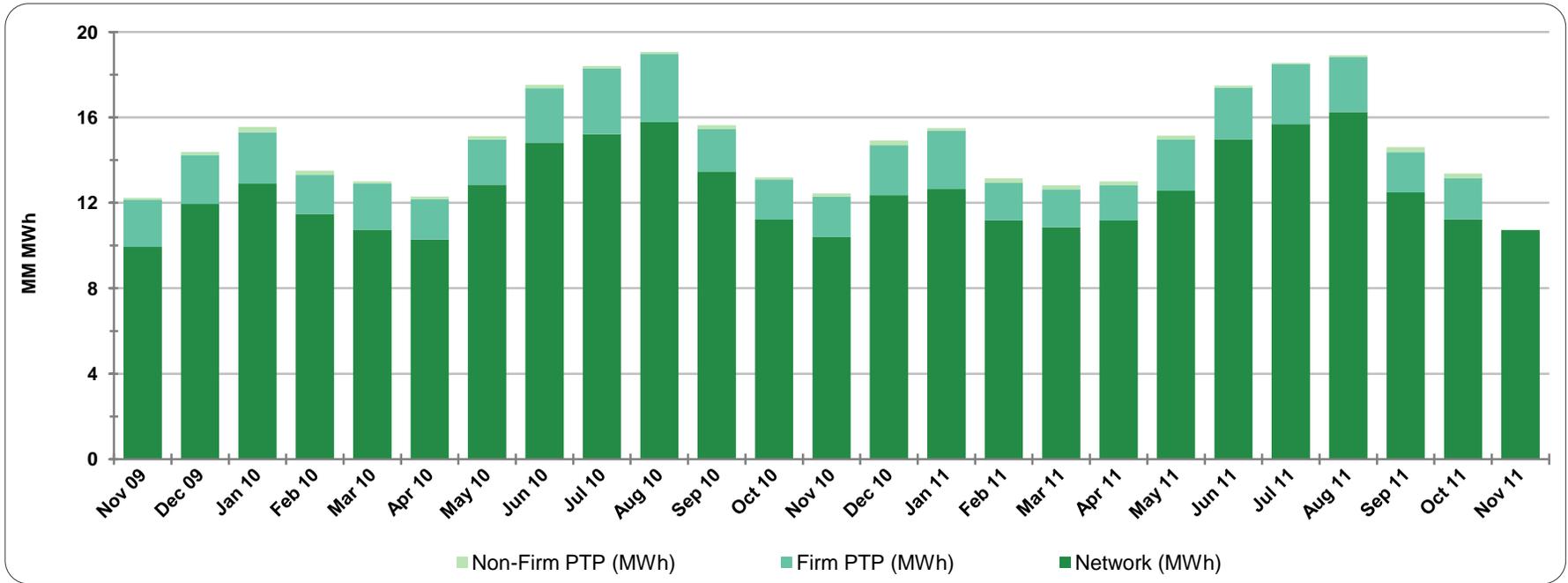
Rank	Flowgate Location (kV)	Operating Company	% Time in LAP	GWh Redispatched	GWh Schedules Curtailed	
1	Oakridge - Sterlington 115 kV FTLO Perryville - Baxter Wilson 500 kV	ELI	4.4%	137.4	3.9	Series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)
2	Grimes - Mt Zion 138 kV FTLO Grimes - Walden 138 kV	ETI	9.2%	109.8	1.3	Upgrade Grimes-Mt. Zion (2019)
3	Waterford - Little Gypsy #2 230 kV FTLO Waterford - Little Gypsy #3 230 kV	ELI	4.4%	91.8		No specific project proposed
4	Fancy Auto 500/230 500 / 230 kV FTLO Coly - Mcknight 500 kV	EGSL	2.5%	85.4		No specific project proposed
5	South Jackson - Florence 115 kV FTLO Franklin - Bogalusa 500 kV	EMI	5.1%	62.4	3.6	Upgrade South Jackson to Florence 115 kV Line. (Completed)
6	Adams Creek - Bogulsa #3 230 kV FTLO Adams Creek - Bogulsa #2 230 kV	ELI	2.6%	49.4		Adams Creek to Bogalusa Project (Completed)
7	Addis - Tiger 230 kV FTLO Dow Meter - Air Liquid 230 kV	EGSL	3.4%	23.3		No specific project proposed. Generation redispatch to address QF put.
8	Pelahatchie - Morton 115 kV FTLO Choctaw Gas - West Point 500 kV	EMI	1.0%	22.9	0.1	Upgrade 600 A switches to 1200 A at Morton. (Completed)
9	Panama - Romeville 230 kV FTLO Waterford AT1 500 / 230 kV	EGSL	1.7%	22.7		Amite South Phase 3 (completed)
10	Huntsv - Mtzion 138 kV FTLO Grimes - Walden 138 kV	ETI	2.3%	6.7		Upgrade Grimes-Mt. Zion (2019)

1f. Congestion - by Flowgate (LAP) - 2007



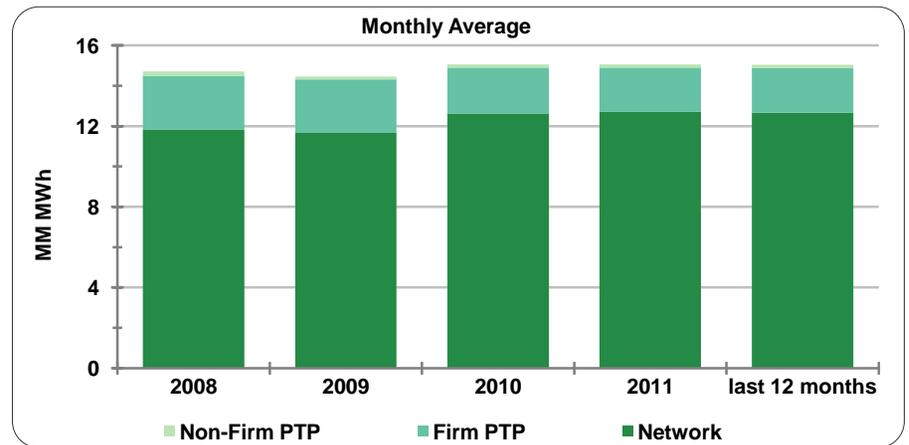
Rank	Flowgate Location (kV)	Operating Company	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	
1	Brookhaven - Mallallieu 115 kV FTLO Franklin - Bogalusa 500 kV	EMI	2.0%	81.7		Upgrade Brookhaven to McComb (2012)
2	Oakridge - Sterlington 115 kV FTLO Perryville - Baxter Wilson 500 kV	ELI	2.3%	77.1	3.4	Series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)
3	Coly - Vignes 230 kV FTLO Willow Glen - Waterford 500 kV	EGSL	1.3%	68.7		AS Phase 2 and 3. (Completed). Coly to Hammond new 230 kV line (2012)
4	Brookhaven - Wesson 115 kV FTLO Grand Gulf - Baxter Wilson 500 kV	EMI	1.5%	68.1		No specific project proposed
5	Mabelvale - Bryant 115 kV FTLO Magnet Cove - Hot Springs 500 kV	EAI	0.8%	41.7		No specific project proposed
6	Hartburg - Inland Orange 230 kV FTLO Hartburg - Cypress 500 kV	ETI	1.2%	30.7		Hartburg to Inland to McLewis Upgrade (2011)
7	Alchem - Monochem 138 kV FTLO St. Gabriel - Aac Corp 230 kV	EGSL	0.9%	21.6	1.0	Upgrade Alchem to Monochem (2011)
8	Waterford - Little Gypsy #2 230 kV FTLO Waterford - Little Gypsy #3 230 kV	ELI	1.2%	15.9	0.8	No specific project proposed
9	Addis - Tiger 230 kV FTLO Dow Meter - Air Liquid 230 kV	EGSL	2.2%	13.6		No specific project proposed. Generation redispatch to address QF put.
10	Sterlington - Oak Ridge 115 kV FTLO Baxter Wilson AT1 500 / 115 kV	ELI	0.4%	7.7		Series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)

3b. Transmission Utilization - MWh



Service (in MM MWh)	Nov 10	Dec 10	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11
Network	10.41	12.36	12.65	11.18	10.86	11.18	12.57	14.98	15.69	16.24	12.49	11.23	10.72
Firm PTP	1.88	2.35	2.73	1.75	1.77	1.64	2.41	2.42	2.79	2.57	1.88	1.93	NA*
Non-firm PTP	0.15	0.22	0.11	0.21	0.19	0.19	0.16	0.10	0.08	0.09	0.24	0.22	NA*
Total	12.44	14.93	15.50	13.15	12.82	13.01	15.14	17.49	18.56	18.91	14.61	13.37	NA*

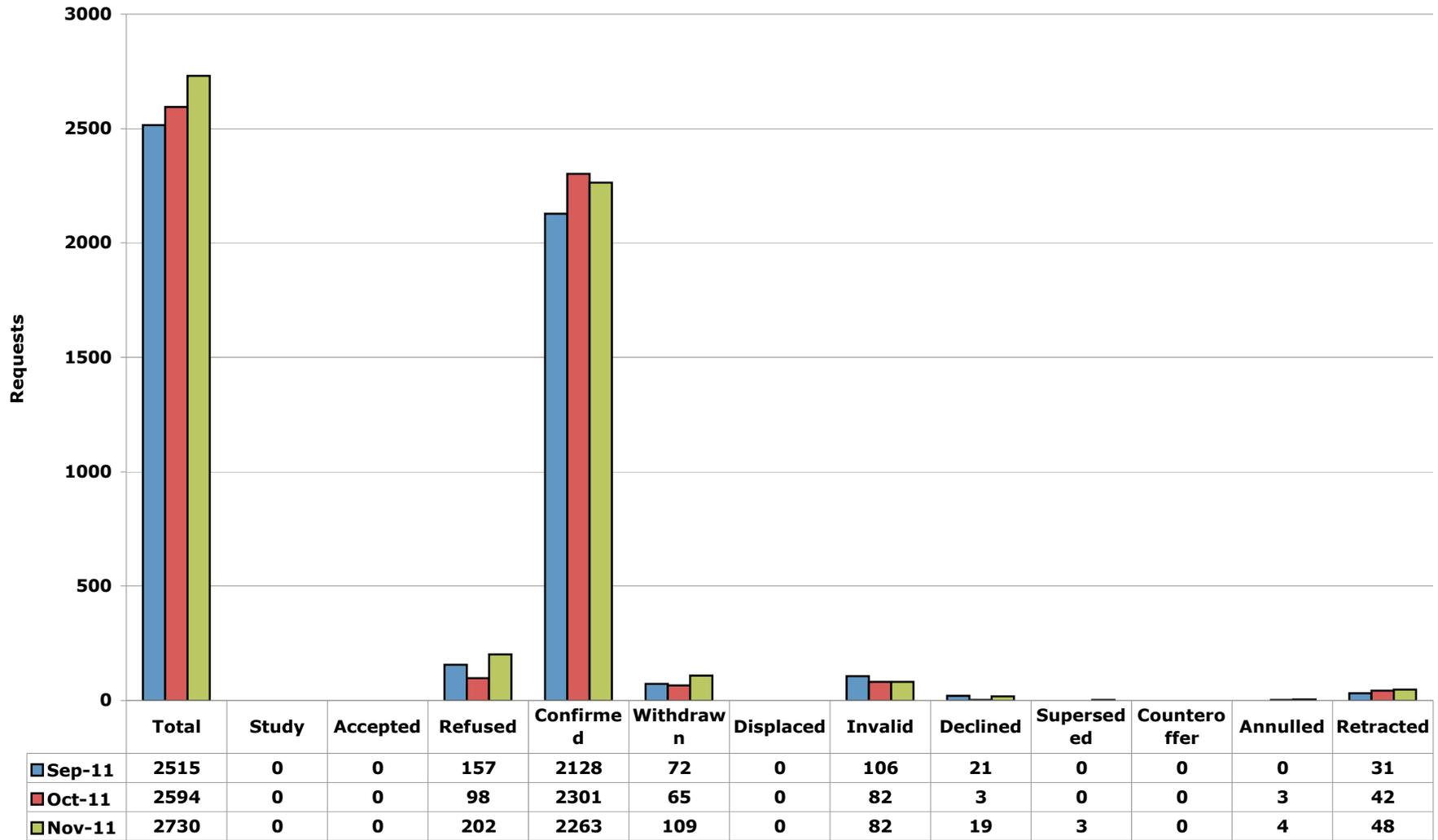
Service (in MM MWh)	2008	2009	2010	2011	last 12 months
Network	11.84	11.67	12.63	12.71	12.68
Firm PTP	2.65	2.65	2.28	2.19	2.20
Non-Firm PTP	0.22	0.15	0.15	0.16	0.17
Total	14.71	14.46	15.06	15.06	15.05
Monthly Average					



* Firm PTP and Non-firm PTP for November 2011 were not available at the time the report was published

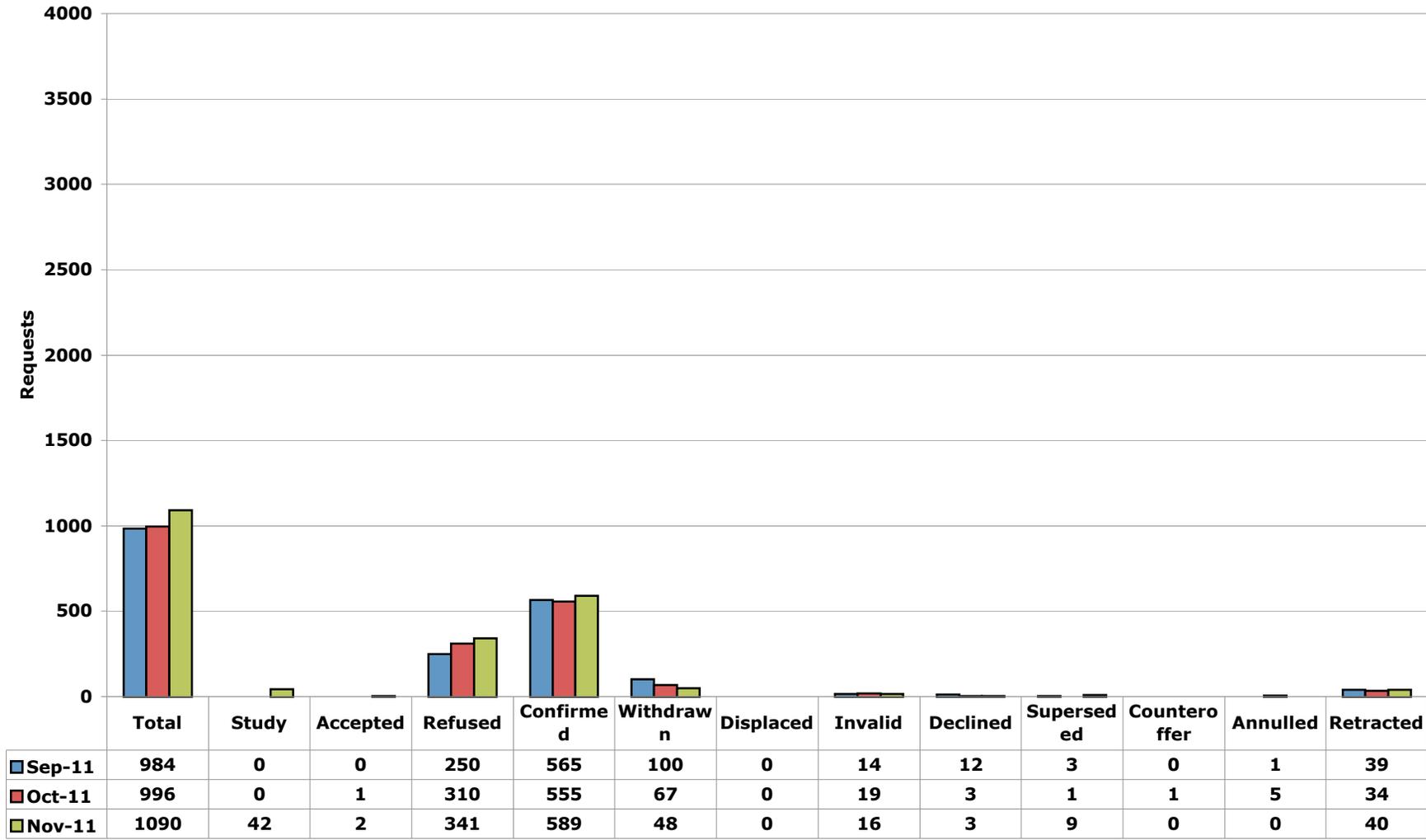
Attachment 2

Request Comparison - Hourly Requests ICT - September 1, 2011 - November 30, 2011



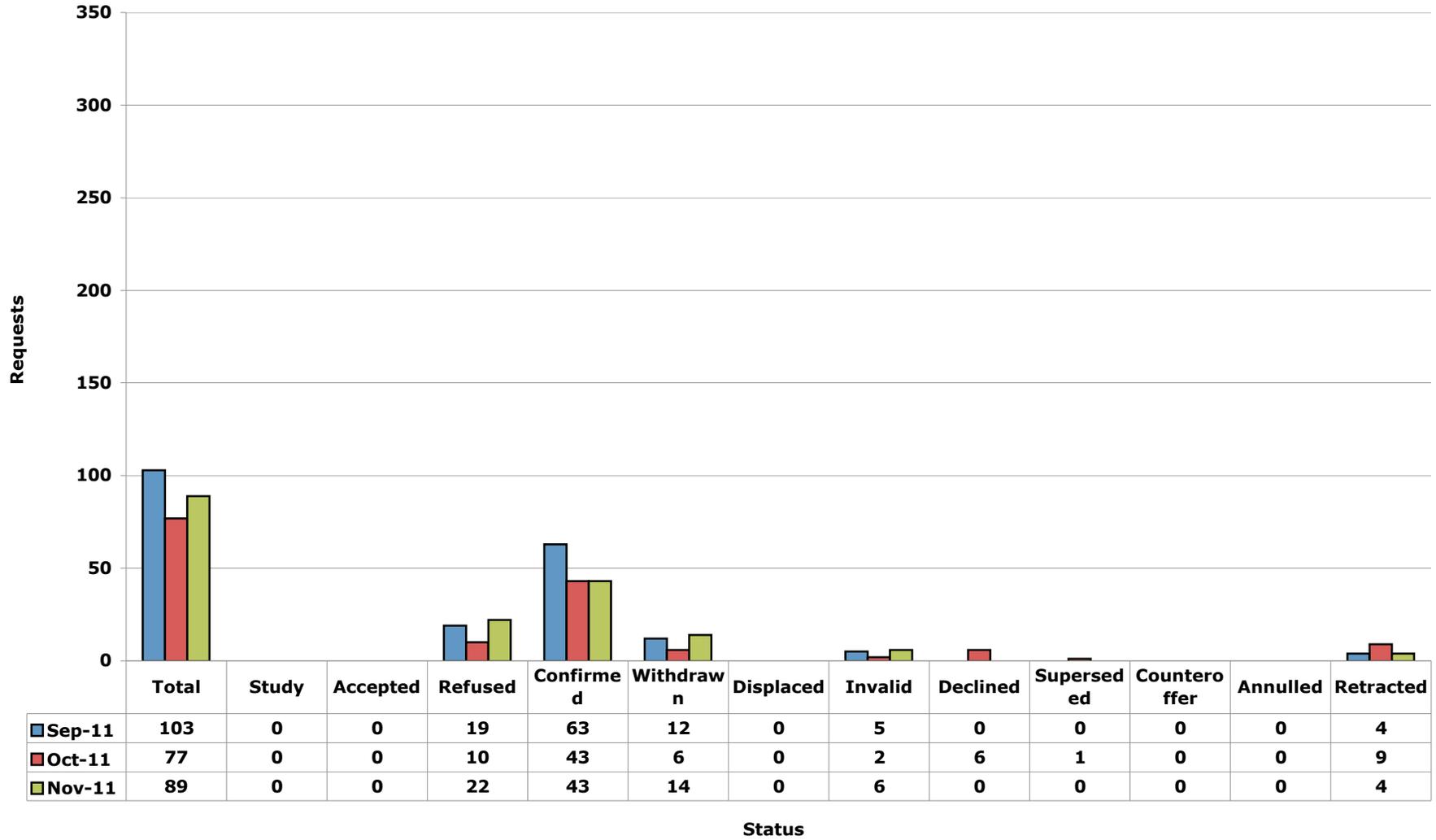
Status

Request Comparison - Daily Requests ICT - September 1, 2011 - November 30, 2011

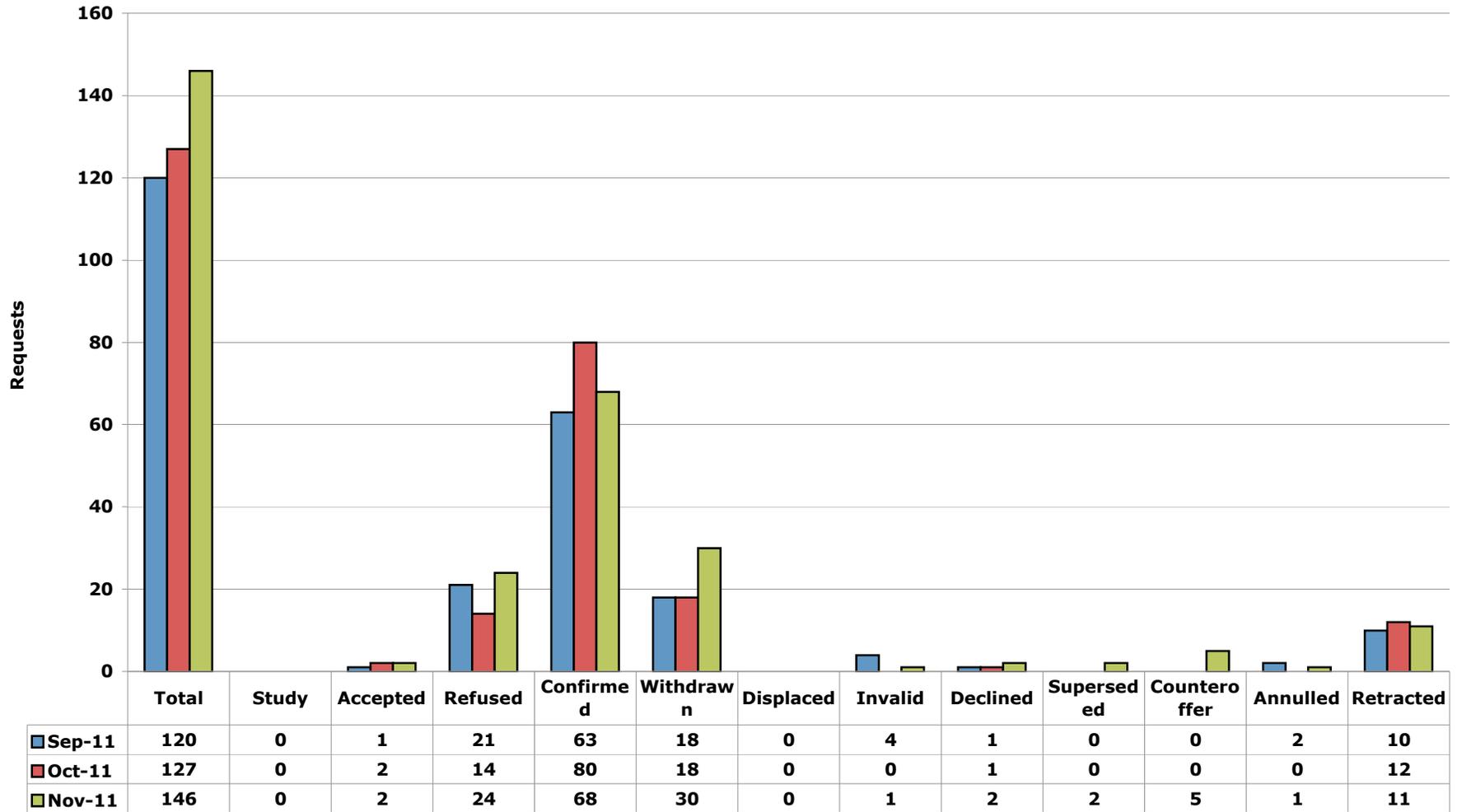


Status

Request Comparison - Weekly Requests ICT - September 1, 2011 - November 30, 2011

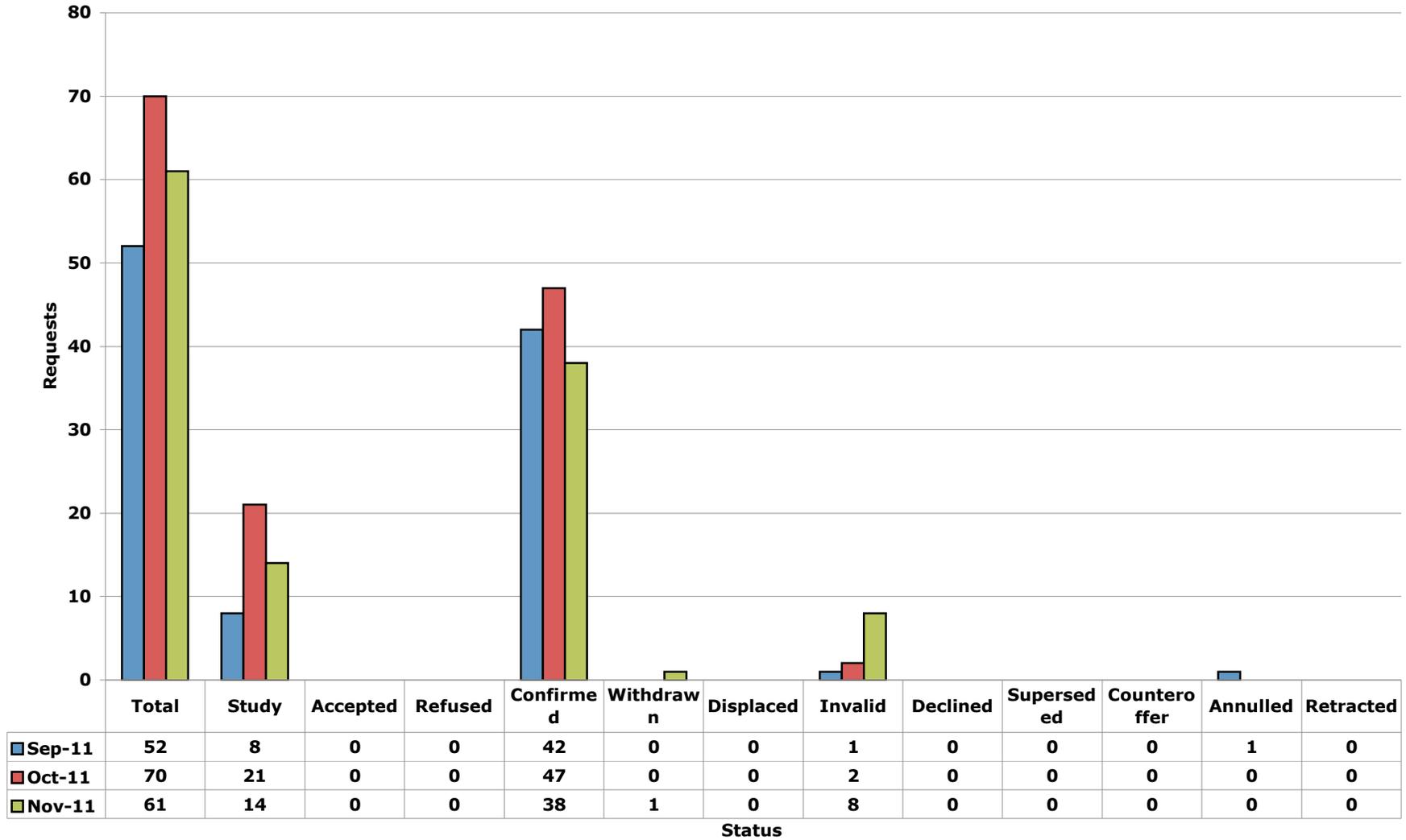


Request Comparison - Monthly Requests ICT - September 1, 2011 - November 30, 2011



Status

Request Comparison - Yearly Requests ICT - September 1, 2011 - November 30, 2011



Attachment 3



Southwest Power Pool, Inc.
ICT STAKEHOLDERS POLICY COMMITTEE MEETING
October 6, 2011
Teleconference and WebEx

• Draft Meeting Minutes •

1:00 p.m. – 3:00 p.m.

Agenda Item 1- Introduction and Roll Call

Lanny Nickell, SPP, called the meeting to order at approximately 1:00 p.m. There were 30 in attendance by teleconference.

Agenda Item 2- Agenda Review

Lanny Nickell reviewed the agenda which was posted prior to the meeting on the SPP website and available on the WebEx.

Agenda Item 3- Independent System Monitor Scope Document

Sam Loudenslager, Arkansas Public Service Commission, introduced the Independent System Monitor (ISM) Scope Document and gave a brief description of the development of the document. Jennifer Vosburg, NRG Energy, explained that ERSC Commissioner Anderson asked the Stakeholders to draft a proposal for the scope of an ISM. Ms. Vosburg then went through the current ISM Scope Document draft details and asked for comments.

Dave Wilson, Zachary David Wilson P.A., commented that the scope document was based on a previous contract approved by FERC and asked who the parties to the contract were. Mr. Loudenslager stated the guideline contract was assumed to be between Duke Energy and their contracted ISM and that the contract the stakeholders are considering is assumed to be between the ERSC and the selected ISM. Kip Fox, American Electric Power, asked about the process for selecting the ISM and if it would be going out for bid. Mr. Loudenslager responded that currently the ERSC is looking for sufficient interest from the stakeholders for the ISM and that no bid process is in place at this time. Ms. Vosburg reiterated that the stakeholder's charge from Commissioner Anderson was to agree to the scope of the ISM for Entergy Stakeholders. Erin Murphy, Entergy, stated that Entergy has not had a chance to review the current document and would like the opportunity to provide more detail to the process. Ms. Murphy and several of the stakeholders discussed jurisdictional issues involving the process that should be considered.

Lanny Nickell raised questions about how far beyond Entergy the scope of the ISM would reach. Item 2.2.2.1 seemed to be limited to just Entergy's dispatch while item 2.2.2.6 included



modeling of neighboring systems which could draw other parties under the scope. Ms. Vosburg and other stakeholders indicated a preference that the scope of the ISM be limited to monitoring of Entergy. Brenda Harris, Occidental Energy Ventures, inquired who would enforce the rulings of the ISM. Mr. Loudenslager and Ms. Murphy discussed the possible enforcement processes. Becky Turner, Entegra Power Group, asked if the ISM would report privately or publicly. Mr. Loudenslager replied that it could be a combination of both. Ms. Turner asked if the stakeholders chose to move forward with the ISM process what the time factor would be before the ISM was in place and if it was possible to be in force by early 2012. Several of the stakeholders discussed how the ISM would work in conjunction with the ICT agreement or if the ISM should be considered as a replacement or a transition from the ICT. Ms. Murphy and Mr. Loudenslager both commented that the ISM and ICT have separate functions and should not be looked as transitional or a replacement for the other.

Ms. Vosburg asked for the stakeholders to send their comments on the ISM to her prior to the October 19th ICT SPC meeting in New Orleans. Mr. Loudenslager stated that the ERSC Working Group will be asking each stakeholder if they support or decline moving forward with the ISM process at the meeting.

Agenda Item 4- Congestion Management Process Improvements

Don Shipley, SPP, presented the new Congestion Management Event (CME) process. Jim Case, Entergy, asked if Entergy still needed to maintain NERC rules. Mr. Shipley explained that both the ICT's and Entergy's current responsibilities for reliability would not change with the new process, including NERC standards. Mr. Shipley and several stakeholders discussed TLR and LAP and the Reliability Coordinator (RC)'s role in using them with the new CME process. This discussion included curtailment of internal transactions, non-firm vs. firm, commitment of units, interpretation of NERC and FERC standards, and 100% counterflow on AFCs. Roberto Paliza, Paliza Consulting LLC, expressed his concern with non-firm service being allowed to flow while firm service is curtailed. Mr. Case had several questions and comments on specific statistics and procedures within the CME process. Erin Murphy stated the Entergy would need a better understanding of when the RC would use the CME with an LAP. Lanny Nickell stated that one of the benefits to the new CME process is that TLR5s can more transparently identify the need for new transmission.

Mr. Shipley stated that the Reliability Task force would have its next meeting on October 25th and several more updates to the process will be discussed at that time. Jennifer Vosburg asked what the time frame for completion and implementation of the new CME process would be. Mr. Shipley replied the Task force will update the ERSC at its November meeting and will present the final solution by the end of the year. Tina Lee, KGen Power, inquired if there would be a test scenario run which would compare a month with the current system versus the new CME process. Mr. Shipley stated that test is already underway and results should be available before the meeting on October 25th. Ms. Lee also asked why the ICT Quarterly Performance Report did not contain statistics on LAPs. After discussion by Mr. Shipley and other stakeholders, an action item was made to put the inclusion of LAP statistics in the ICT Quarterly Performance Report on the October 19th ICT SPC meeting agenda.

Agenda Item 5- AFC Task Force Update



Jason Davis, SPP, presented an update on the AFC Task Force activities for April-September 2011. The update provided a recap of the meetings from each month, open items being considered by the AFC Task Force, and items that have been closed. Highlights included the additional flowgates added for the MOD 30 requirements, increased coordination between the Reliability Coordinator and Tariff Administration, and the completion of the final draft of the Non-Disclosure Agreement and Authorization and Consent to Release Information forms. No questions or comments were fielded from the stakeholders.

Agenda Item 6- Action Items Review

Action items:

1. Don Shipley, SPP, will send a meeting notice for a Reliability Task Force meeting on October 25th at 1:00 and will have further details on the CME process at that meeting.
2. SPP will place the discussion of whether LAP events should be reported on the ICT Quarterly Performance Reports on the October 19th ICT SPC agenda
3. Jennifer Vosburg, NRG Energy, will collect all stakeholder comments on the ISM scope document draft and deliver to Lanny Nickell, SPP, prior to the October 19th ICT SPC meeting.

Agenda Item 7- Adjournment

Meeting adjourned at approximately 3:00 p.m.

Respectfully Submitted,

Lanny Nickell



Southwest Power Pool, Inc.
ICT STAKEHOLDERS POLICY COMMITTEE MEETING

October 6, 2011

1:00p.m. - 3:00p.m.

Teleconference and WebEx

• A G E N D A •

1. Introductions and roll call.....Lanny Nickell
2. Review of meeting agenda All
3. Independent System Monitor Scope Document..... All
4. Reliability Task Force updateDon Shipley
 - a. Congestion Management Process ImprovementsDon Shipley
5. AFC Task Force update Jason Davis
6. Action Items review All
7. AdjournmentLanny Nickell

Section 2 – Objectives, Expectations and Deliverables

2.1 General Objective(s)

For the purpose of increasing confidence in the independence and transparency of the operation of the Entergy transmission system, the ERSC seeks to retain an Independent System Monitor (ISM) in order to improve transparency in the operation of the Entergy system and increase confidence of the E-RSC and stakeholders. The ISM will provide independent and impartial monitoring and reporting on the Entergy Transmission System designed to ensure that Entergy and the ICT: (i) correctly model Entergy's transmission system (including AFC calculations); (ii) allocate scarce transmission capacity to transmission customers requesting transmission service in not unduly discriminatory manner; (iii) curtail transmission service resulting from transmission congestion in a not unduly discriminatory manner; (iv) develop transmission upgrades and apply cost allocation in a not unduly discriminatory manner; (v) administer the WPP process so that it provides a level-playing field for non-Entergy generators and maximizes benefits to ratepayers; and (iv) identify ways in which Entergy and the ICT can improve their methods of carrying out these responsibilities,. The ISM will also be charged with reviewing the actions of the ICT in overseeing the Entergy system, including identifying additional steps that can make the ICT more independent and improve operation of the Entergy system.

2.2 Vendor Expectations

2.2.1 Resources Required

The vendor shall establish a transmission monitoring plan for the Entergy transmission system that will include monitoring of functions provided by Entergy and the Southwest Power Pool, acting as the Independent Coordinator of Transmission (“ICT”) of Entergy. In order to provide the services required, at a minimum, the vendor should have the resources necessary to:

- (1) timely process power flow modeling data and ATC calculations used in the evaluation of short-term and long-term Transmission Service Requests (TSRs) ;
- (2) timely screen and analyze decisions by Entergy or the ICT to grant, or deny transmission service, in both the AFC horizon (TSRs for less than a year) and the planning horizon (TSRs for a year or longer), to identify activities that warrant further investigation;
- (3) timely screen and analyze decisions by Entergy or the ICT to curtail transmission service in real-time operation, to identify activities that warrant further investigation;
- (4) investigate conduct by Entergy or the ICT identified through monitoring screens or through complaints presented to the E-RSC or its working group for further review.
- (5) receive data from Entergy or the ICT that allows it to monitor generation dispatch, transmission system congestion, and the response to transmission congestion in real-time and the forward market (both its operational response and its business activities).
- (6) collect certain key data such as; Reliability Must Run (RMR) operational and modeling data for detailed evaluation of existing rules.
- (7) perform an evaluation of the WPP process to ensure that it is being administered in a transparent and fair manner, and the results are accurate.

2.2.2. Scope of transmission monitoring plan

The transmission monitoring plan (“TMP”) shall be designed to detect any anticompetitive conduct from operation or planning of Entergy’s transmission system, including any transmission effects resulting from the dispatch of Entergy’s generation units and the existence of Base Case Contingency Overloads (BCCOs) in the AFC and planning models. The TMP is also intended to identify any rules affecting the Entergy transmission system which result in a significant increase in electricity prices or the foreclosure of competition by rival suppliers or the unfair allocation of upgrades costs. The plan should include at a minimum the independent and impartial monitoring and reporting on:

- (1) generation dispatch of Entergy and loadings on constrained transmission facilities in real-time and forward markets.
- (2) details on RMRs operation, load pockets import constraints, congested flowgates, transmission refusals or other relevant information
- (3) operating guides and other procedures designed to relieve transmission constraints and the effectiveness of these guides or procedures in relieving constraints;
- (4) information concerning the impact on transactions before and after Entergy or the ICT RC implements redispatch or other congestion management actions;
- (5) information concerning Entergy or the ICT RC calling for transmission line loading relief (“TLR”), Local Area Procedure (“LAP”), or other congestion relief actions;
- (6) the information provided by Entergy and/or the ICT used to perform the calculation of Available Flowgate Capacity (“AFC”), the modeling of neighboring systems in the AFC process, and evaluation of short-term TSRs.
- (7) requests for long-term transmission service, modeling and treatment of those requests including solutions sets proposed in System Impact Studies and Facility Studies.
- (8) Entergy’s scheduling of generation and transmission outages, and the treatment of those outages in both the reliability and AFC models.
- (9) impact on transmission congestion and redispatch related to put generation from Qualified Facilities.
- (10) WPP modeling practices and evaluation of WPP results.

2.3 Project Deliverables

The ISM will provide regular, periodic analysis and regular monitoring reports to the E-RSC and its working group. The ISM will be expected to provide advice and solutions to the E-RSC and the ICT regarding opportunities for improved operations, improving transparency and existing or potential market power abuses and manipulation. The ISM will be expected to present findings and conclusions to the E-RSC, its working group and stakeholders in the Entergy region.

Stakeholder Policy Committee: Congestion Management Events October 6, 2011

Don Shipley

dshipley@spp.org 501.614.3581



Summary

1. Proposed Process

- Congestion Management Events
- Constraint Evaluation
- Initial Actions
- LAP Additional Actions
- TLR Additional Actions
- Event Ending
- Reporting

2. Risks

3. Timelines

4. Questions

Congestion Management Principles

• The ICTE Reliability Coordination Function has discussed several options for a new Congestion Management process with these key principles in mind:

- **Maintain the reliability of the Bulk Electric Transmission system on the Entergy footprint.**
- **Provide transparency in the processes and procedures that are used while performing the ICTE Reliability Coordinator responsibilities.**
- **Manage ICTE Reliability responsibilities in a fair and equitable manner.**

Proposed Process: Congestion Management Event

- The proposed process developed by the ICTE Reliability Coordinator uses the term “Congestion Management Event” (CME) as the overall actions for the management of congestion on a flowgate over a period of time.
- The CME will encompass the initial assessment, TLR or LAP actions, other RC actions for congestion management, up to and including load shed, and the end of the event, when the congestion is alleviated and is no longer a concern.

Proposed Process: Constraint Evaluation by the RC

- When a flowgate reaches 90% or higher of the system operating limit, the RC will perform an evaluation.
- The evaluation will include a TLR Level 5 study in IDC to determine if there are interchange schedules, NNL, or Market Flow on the congested flowgate.
 - If the study result shows that there are interchange schedules, NNL or Market Flow, the RC will use the TLR process as the most effective way to relieve congestion.
 - If the study result shows that there are no interchange schedules, NNL or Market Flow, the RC will notify Entergy that the LAP process is the most effective means to relieve congestion.

NOTE: This evaluation replaces the current 10% LAP or ICP assessment.

Proposed Process: Initial Actions

- **At the point of action, based on loading levels on the constrained flowgate, these steps will be performed:**
 - RC will declare a CME in the RC Log. This creates a unique identification number for the Congestion Management Event.
 - Based on the evaluation, the TLR or LAP action will be initiated.
 - The RC will post the information to OASIS including the TLR/LAP information and the CME ID.
 - The RC will perform the steps for the suspension of non-firm sales (zero out the AFC's)
- During subsequent hours of congestion, the TLR or LAP processes will be used to control congestion. The RC will post the information to OASIS with the CME ID.

Proposed Process: LAP Actions

The normal LAP process will be followed for LAP steps 1, 2, and 3.

LAP 1 – RC posts a notice to OASIS,

LAP 2 – Investigate reconfigure options,

LAP 3 – Redispatch Entergy generation

-
- Prior to the implementation of an **LAP 4** (Redispatch of non-Entergy generation) the RC will verify that all Entergy redispatch that has a 3% or greater GSF impact on the flowgate has been utilized.
 - Entergy will implement **LAP 4** if congestion levels indicate a need and the RC Validates that Lap 3 is complete.

All Entergy redispatch options does not include Nuclear Units, Qualifying Facilities, RMR units, and Hydro units that have a 3% or greater impact on the constraint.

Proposed Process: LAP Actions (cont'd)

- **If loading levels increase, Entergy will implement LAP 5, (preparation to implement Entergy Emergency Procedures), the RC will evaluate additional available relief to reduce congestion including:**
 - Entergy and non-Entergy generation at 1.5% GSF
 - Reconfiguration options
- **Entergy will develop Load Shed plans and notification.**
 - The RC will notify network transmission customers that are BA operators and affected RC's.
 - Entergy will notify their Transmission Operators and embedded Load Customers that are part of the Entergy BA.
- **If needed, Entergy will implement LAP 6 (Load Shed):**
 - Entergy and the RC will perform notifications, directing entries to shed load.

Throughout the event the RC will perform OASIS postings related to the CME ID. The RC will also enter the information in the RC Logging Database.

Proposed Process: TLR Actions

- As part of the implementation of a TLR Level 5 (a or b), the RC will ask Entergy if there are any planning redispatch options or conditional firm. If there are either, Entergy will use their internal process.
- If the TLR process is not effectively controlling the congestion, the RC will notify Entergy to issue an LAP. The process for this notification will include a defined criteria.

Proposed Process: Event Ending

- As the congestion levels allow, the TLR process or LAP process will complete. The TLR by the RC issuing a TLR Level 0 and the LAP by Entergy notifying the RC of the end time to include in the OASIS posting.
- When all TLR and or LAP activity is complete, the RC will notify the ICT TA to reinstate the AFCs for the flowgate. The RC notifies Entergy that the CME is ending and the internal non-firm can be reinstated.

Proposed Process: Reports

The ICTE RC will produce reports for CMEs in the following situations:

- TLR Level 5 or
- LAP Step 4 or higher
- The reports will be posted to OASIS and will include similar information to the new TLR 5 reports format currently provided.
- The intention of the RC is to have the reports posted to OASIS within 30 business days of the event.

Impact to RC

- **RC Resource Availability**
 - Increase in number of TLRs and the RC activities related to those TLRs.
- **Application Processing Time Availability**
 - With the increase in TLRs, the timing requirements for reissues in IDC will be a concern.
- **Compliance**
 - The change in the process will result in an increase in the number of directives and possible COM-002 violations.
- **Reliability**
 - Based on the increase in TLRs and the curtailments required through the process, there will be an increase in the number of EEA 3's, reporting requirements and tag exclusions.

Impact to Stakeholders

- **Increased use of TL5's**
 - Increased Firm curtailments
 - Increased EEA 3's
 - Increased NNL obligation
 - Possibility of Generation flexibility limited due to NNL obligation
- **Limited access to AFC due to increased CME activity**
- **Improved Operator and software processes to correct generation status in real time reliability models**

Next Steps

- **Energy review and modification of the new process**
- **SPC review and modification of the new process**
- **ICTE RC changes based on the new process**
 - Procedure documentation
 - RC Logging Database changes for CM events and notifications
 - Evaluation of and changes to current print requirements internal to the RC desk.
 - RC Training
 - Reporting

Questions

A nighttime photograph of a city skyline reflected in a body of water. The buildings are illuminated, and their lights are mirrored in the calm water. A bridge is visible on the left side of the frame.

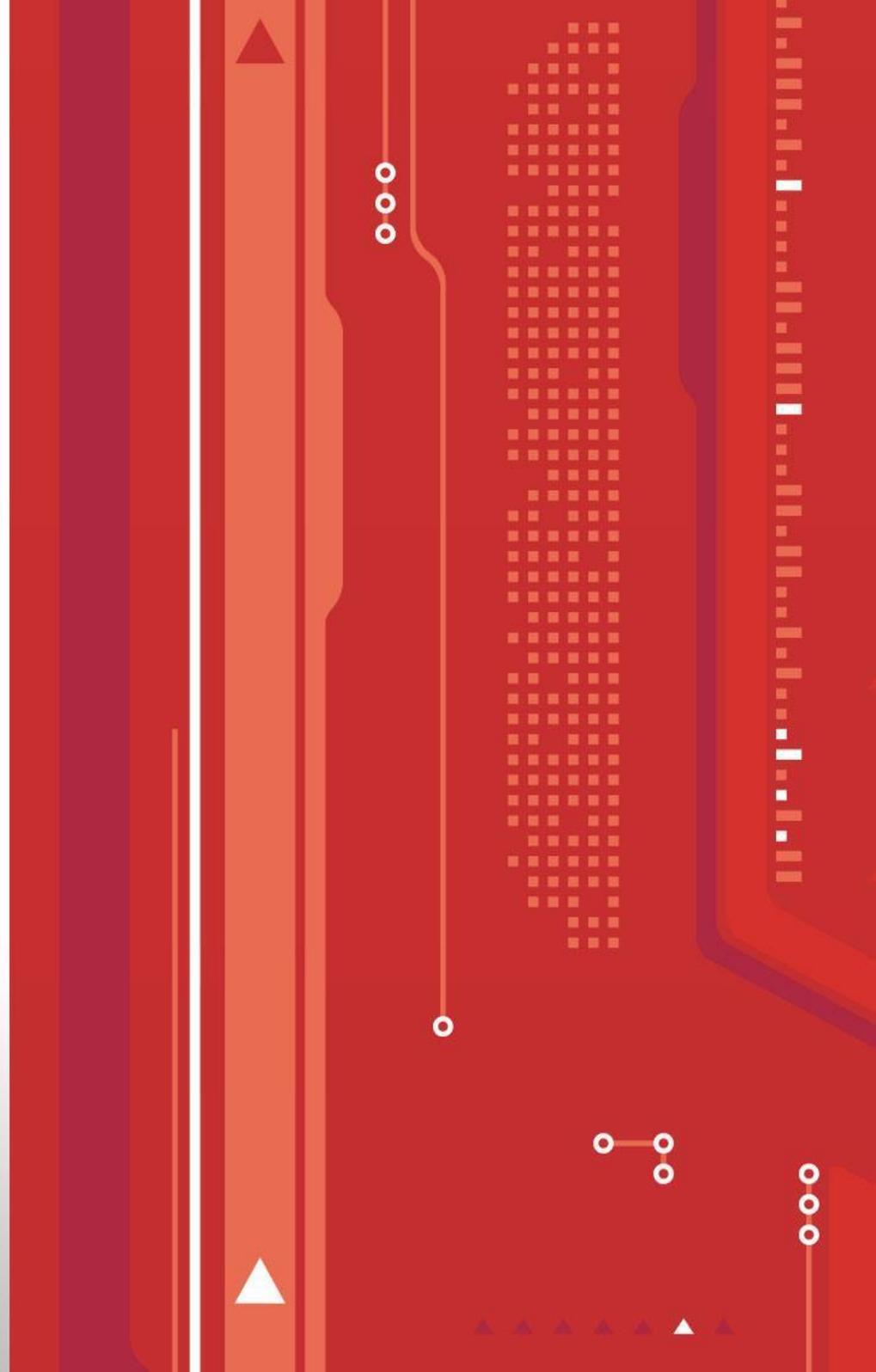
Helping our members work together to keep the lights on...
today and in the future

 **SPP** *Southwest
Power Pool*

ICT SPC AFC Task Force Update

October 6, 2011

Jason Davis
jdavis@spp.org



Contents:

- **Recap of Meetings**
 - April 8, 2011 (New Orleans)
 - May 10, 2011 (Teleconference)
 - June 15, 2011 (Teleconference)
 - July 12, 2011 (Teleconference)
 - August 4, 2011 (Teleconference)
 - September 8, 2011 (Teleconference)
- **Open Action Items**
- **Closed Action Items**
- **Future Meeting(s)**

April meeting recap

- **Process for outages in AFC process**
 - Entergy provided a flowchart of the process for an outage being added to the AFC models
- **Reviewed comments on Entergy Business Practices**
 - Added additional items to the AFC Task Force working list
- **Flowgates impacted by Entergy's Construction Plan**
- **65 additional flowgates added for MOD 30 requirements**

May meeting recap

- Reviewed the issue with the Coly-Vignes outage
- Additional flowgates added to meet requirements for MOD-030
 - Stakeholder submitted questions

June Meeting Recap

- **Benchmarking Focus Group Update**
 - Finalizing document concerning release of data to Benchmarking Focus Group
 - Drafting Non-disclosure agreement for members of the focus group
- **Seasonal Ratings**
 - Entergy does not currently use seasonal ratings in their AFC process
 - Entergy is moving to a new version of their EMS that could allow for more than one rating
- **Entergy has committed to adding the capability to model External generation and transmission outages from SDX**

June Meeting Recap (Cont.)

- **Open Discussion**

- Stability Limit Study Process

- ✓ TOP performs annually

- ✓ Study considers light load case and peak load case

- Coordination between RC and TA

July Meeting Recap

- **Benchmarking Focus Group Update**
 - Finalizing document concerning release of data to Benchmarking Focus Group
 - Drafting Non-disclosure agreement for members of the focus group
- **First Tier Neighboring BA**
 - Entergy provided an overview of their modeling practices for external BAs
- **Flowgate additions from MOD 30 requirements**

August Meeting Recap

- **Improvements to Action Item Tracking**
 - Group requested more details in the description and completion dates
- **Benchmarking Focus Group Update**
 - Draft agreement forwarded to Entergy Legal
- **Open Discussion**
 - Seasonal Ratings will be the next issue addressed by the Task Force

September Meeting Recap

- **Improvements to Action Item Tracking**
 - Group requested more details in the description and completion dates
 - Complete list of Action Items should be posted for group
 - Need commitment to meet expected completion date for each action item
- **Benchmarking Focus Group Update**
 - Final draft of Non-Disclosure Agreement and Authorization and Consent to Release Information
 - Next steps to obtain signatures

Open Action Items

AI #	Date	Action Item	Assigned To	Status	Comments	Expected Completion
004	08-Apr-11	Take transmission upgrade proposal to RC TF to determine what they would be comfortable with concerning upgrades.	Jason Davis	Open	Work with Don to get on the next RC TF agenda. 8/4/11: Item will remain open until next RC TF meeting.	
008	08-Apr-11	Write a recommendation concerning the policy on use of automatic operating guides in the AFC calculation.	Jason Davis	In Progress	Working to finalize. 8/4/11: Jason working to finalize recommendation. 9/8/11: ICT has not finalized its position. Plan to have complete by end of Sept.	9/30/11
010	08-Apr-11	Keep RC informed on #6 of the Working AFC TF list and get feedback from RC's perspective.	Jason Davis	Open	5/10/11: Jason will keep RC informed as we address #6. This action item should remain open.	On-going
013	10-May-11	Review the current process to evaluate merit order for planning and study horizons.	Jason Davis	In Progress	Working on different processes, testing, and determining which produce viable results. 8/4/11: Scott updated task force on analysis progress. 9/8/11: Scott completing analysis of input files. Meeting with Entergy to gain more information on inputs.	
015	10-May-11	Report updates on the OATI software for Tier One Reservations to the AFC TF.	Jason Davis	In Progress	Code delivered by vendor. Scheduled to have deployed by end of November 2011. 8/4/11: Still on schedule for November 2011. 9/8/11: No additional updates at this time.	11/30/11

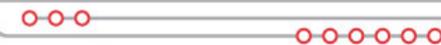
Open Action Items (cont.)

016	15-Jun-11	Present information concerning BCCO in the AFC Model at the next SPC meeting during the AFC TF Update.	Jason Davis	Open	8/4/11: This will be addressed at the next SPC meeting. 9/8/11: Work to get on next SPC meeting. Couldn't get on previous agenda. Wayne will get with Jennifer for more detail.	
019	15-Jun-11	Provide the off peak stability limit study for Mount Olive to Hartburg	Cameron Warren	In Progress	8/4/11: Cameron will follow-up with Sharma to determine status of this action. 9/7/11: Planning group will have study complete by end of September.	9/30/11
024	12-Jul-11	Work with Entergy to document what has been implemented for the new MOD standards and processes for modeling Tier 1 control areas.	Jason Davis	In Progress	8/4/11: Seams package is last portion of MOD to be implemented. Have process in place. 9/8/11: Plan to have finalized by end of month.	9/30/11
026	04-Aug-11	Draft a paragraph explaining the study process and how they expanded the models.	Vinit Gupta	In Progress	8/4/11: This is related to Action Item 024. 9/7/11: Plan to have write up completed by end of September. 9/22/11: Vinit provided write up on external models	9/30/11

Open Action Items (cont.)

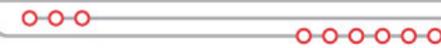
028	04-Aug-11	Draft an update on what it will take for Entergy to implement Seasonal Ratings and a projected timeline of implementation.	Cameron Warren	Open	9/8/11: Vinit will get with Cameron and bring up to Entergy's Operations staff.	Not Determined
029	04-Aug-11	Track the progress of reviewing, finalizing, and obtaining signatures on the Non-Disclosure Agreement.	Jason Davis	In Progress	9/6/11: NDA and Authorization/Consent to release posted to AFC TF meeting materials.	On-going
030	08-Sep-11	Get with Entergy to provide more detail on the OATI software and what this package will deliver. (Related to Action Item 015)	Jason Davis	Open		10/6/11
031	08-Sep-11	Setup AFC Benchmarking Focus Group meeting	Wayne Messina/ Jason Davis	Open		9/16/11

Closed Action Items



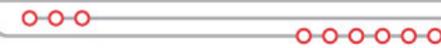
AI #	Date	Action Item	Assigned To	Status	Comments	Expected Completion
	03-Mar-11	Complete a write up of the outage cancellation event explaining the issue and a mitigation plan (requested by Jennifer Vosburg).	Vinit Gupta	Closed	Write-up provided in meeting materials for 5/10/11.	
	03-Mar-11	Check on a process that will check the translation tables for accuracy.	Vinit Gupta	Closed	Write-up provided in meeting materials for 5/10/11.	
	03-Mar-11	Compare the list of flowgates with the construction plan to identify which upgrades may impact the flowgates on the updated master list.	Cameron Warren	Closed	Presented at meeting on 4/8/11	
	03-Mar-11	Determine if Don Shipley can present a resolution at the various task force meetings.	Jason Davis	Closed	Don presented at joint meeting on 3/16/11	
	03-Mar-11	Determine ways to handle completed issues without removing them from the overall list of issues.	Jason Davis	Closed	Presented consolidated list of issues on 4/8/11	
	03-Mar-11	Post the presentation Cameron gave concerning the flowgate additions to the AFC Task Force site.	Jason Davis	Closed	Presentation posted	
001	08-Apr-11	Confirm the Proposed ISD for the projects that John pointed out as possible discrepancies.	Cameron Warren	Closed	5/10/11: Used OASIS to report at 4/8 meeting. That is why there were date discrepancies. Dates John stated were accurate.	
002	08-Apr-11	Add impacted flowgate column to the monthly update on OASIS.	Cameron Warren	Closed	5/10/11: Impacted flowgates will be added to the monthly update on OASIS.	
003	08-Apr-11	Expand the scope of #3 on the Working AFC TF List to include comment #7 of the Entergy Response to Stakeholder Comments.	Jason Davis	Closed	Added: "d. If mitigation procedure is used...this should also be included in the models."	
005	08-Apr-11	Break-out #7 of the Working AFC TF List into two issues. 1) Stability Studies and 2) Seasonal Ratings.	Jason Davis	Closed	"Updated stability studies that limit trans lines below: a) Thermal Ratings; b) Seasonal Ratings"	

Closed Action Items (cont.)



006	08-Apr-11	Find out how often Entergy runs Stability Studies.	Cameron Warren	Closed	5/10/11: Cameron reported that stability studies are done annually.	
007	08-Apr-11	Provide a list of flowgates that have stability limits.	Cameron Warren	Closed	5/10/11: Cameron reported on the flowgates that have stability limits.	
009	08-Apr-11	Clarify what SPP does concerning Seasonal Ratings.	Jason Davis	Closed	Presented at meeting on 6/15/11.	
011	08-Apr-11	Post minutes from 3/16/11 Joint Task Force meeting to the AFC TF site and include on agenda for 5/10/11 meeting.	Gerald Williams	Closed	Posted to website and email sent by Shaun 4/11/11. 5/10/11: Minutes from Joint TF meeting approved.	
012	10-May-11	Entergy to provide more information on the frequency of stability studies.	Cameron Warren	Closed	Presented at meeting on 6/15/11.	
014	10-May-11	Upon Annual Review of flowgates, Entergy to provide flowgate study results to AFC TF 60 days prior to implementation. This will be an on-going action item.	Cameron Warren	Closed	Item was added to the Annual Flowgate Review Process	
017	15-Jun-11	Send link to the Annual Flowgate Analysis to the SPC email exploder.	Jason Davis	Closed	6/29/11: Link forwarded to the AFC TF email exploder.	
018	15-Jun-11	Perform a study to determine which facilities would get seasonal ratings and whether seasonal ratings should be for all horizons.	Vinit Gupta	Closed	8/4/11: Capability exists for seasonal ratings. Would apply to all horizons.	
020	15-Jun-11	Research issue concerning AFC and the TLR 5 days later	Jason Davis	Closed		
021	12-Jul-11	Reassign action item 019 to Cameron Warren	Jason Davis	Closed	Item reassigned	
022	12-Jul-11	Add additional column to the Action Item list to provide expected completion dates for each action item.	Jason Davis	Closed		

Closed Action Items (cont.)



023	12-Jul-11	Work with Don Shipley to evaluate if it would be possible to release the data of the entities that do sign the agreements even if all entities do not sign.	Jason Davis	Closed	8/4/11: Information will not be released if all entities do not sign the agreement.	
025	04-Aug-11	Update minutes from 7/12/11 meeting with necessary corrections and distribute to AFC Task Force.	Gerald Williams	Closed	8/11/11: Minutes corrected and posted to TF site.	8/10/11
027	04-Aug-11	Meet with Wayne and Roberto to discuss a plan for improving how Action Items are maintained and tracked.	Gerald Williams	Closed	9/1/11: Schedule conflicts made difficult to meet. Added to agenda for 9/8/11. 9/8/11: Will post complete action item list quarterly. Will post Working TF List with meeting materials.	8/29/11

Future Meeting(s)

- **Teleconference**
 - **October 20, 2011**

Attachment 4

Becky,

I am not aware that Entergy posts its 10-year studies and related information on OASIS presently. I have forwarded your message to Entergy to get a status and timeline of providing these studies. Entergy has provided its Planning Criteria and Planning Guidelines on OASIS which describes the assumptions and processes that they use in developing their transmission plans. Links to those items are below.

https://www.oatioasis.com/EES/EESdocs/transmission_local_planning_criteria.pdf

https://www.oatioasis.com/EES/EESdocs/transmission_planning_guidelines.pdf

I will follow-up when I receive a response from Entergy.

Ben Roubique
x 3331

From: Becky.E.Turner [mailto:BTurner@entegrapower.com]
Sent: Friday, October 21, 2011 13:33
To: Benjamin Roubique
Cc: brichardson@kslaw.com; Paliza, Roberto
Subject: RE: FERC Order -- Official Communication

Ben, Entergy should be posting its studies (10-year and others as applicable) as well as the methodology, criteria, processes, data and assumptions in all studies and planning processes.

Thanks, Becky

From: Benjamin Roubique [mailto:broubique@spp.org]
Sent: Friday, October 21, 2011 2:22 PM
To: Becky.E.Turner
Subject: RE: FERC Order -- Official Communication

Becky,

Are you asking specifically about the 10-year studies, or other pieces of planning data?

Ben Roubique
x 3331

From: Becky.E.Turner [mailto:BTurner@entegrapower.com]

Sent: Friday, October 21, 2011 01:06 PM

To: Benjamin Roubique

Cc: Don Shipley; brichardson@kslaw.com <brichardson@kslaw.com>; Paliza, Roberto

Subject: FERC Order -- Official Communication

Ben, please see the attached order regarding the extension of the Base Plan, specifically paragraph 27 shown below. Has Entergy posted the required information and if so, where might I find this. Thanks, Becky

27. Union Power's broader arguments on transmission planning and transparency also fall beyond the scope of this proceeding, in which we consider only the time horizon used to identify Base Plan upgrades. Nevertheless, we note that consistent with the transparency principle in Order No. 890,²⁹ Entergy's tariff already requires it to disclose to stakeholders the basic methodology, criteria, processes, data, and assumptions in all studies and planning processes performed as part of Entergy's planning process. Such information must be provided in sufficient detail to enable interested parties to replicate the applicable study and shall include, but not be limited to, modeling response files, documents detailing Entergy's proposed and approved transmission reliability projects, maps, and special notices.³⁰ Furthermore, in response to similar concerns Union Electric raised in the proceeding addressing Entergy's compliance with Order No. 890, the Commission noted that Entergy's Attachment K already provides that Entergy will perform studies based on information for a ten-year time horizon.³¹ Entergy should therefore make information regarding its ten-year studies available to all stakeholders (subject to relevant confidentiality and Confidential Energy Infrastructure Information provisions).³² We recognize the need for transparency, and we expect that Entergy's disclosure of its ten-year study will help stakeholders better understand Entergy's long-term reliability needs.

Attachment 5

Becky,

See Entergy's response below.

If you have any further questions, I suggest contacting Entergy directly.

Ben

From: VONGKHAMCHANH, KHAMSUNE [mailto:KVONGKH@entergy.com]

Sent: Friday, October 28, 2011 07:15

To: Benjamin Roubique

Cc: Payne, Joe; Long, Charles

Subject: RE: FERC Order -- Official Communication

Ben,

Paragraph 27 of the FERC Order issued on October 14, *Entergy Services, Inc.*, 137 FERC 61,040 (2011), reiterated the requirements contained in Order No. 890 that Entergy, as part of its planning process, make available to stakeholders information about the (1) basic methodology; (2) criteria; (3) processes; (4) data; and (5) assumptions in all studies and planning processes. The order goes on to state that the information must be in sufficient detail "to enable interested parties to replicate the applicable study and shall include, but not be limited to, modeling response files, documents detailing Entergy's proposed and approved transmission reliability projects, maps, and special notices." *Id.* Entergy posts all of this information on its OASIS.

With regard to your question about the 10-year studies, we do, in fact, post both the 5-year base and construction plan, as well as the 10-year planning horizon models. We believe these address the concerns you raised. As for any specific information that Becky may be requesting, we reiterate that the information noted by FERC is posted on OASIS. If Becky is looking for information that she believes is not posted, it would be helpful if she could specifically identify that information and provide that to us. We believe we post what is noted in Paragraph 27 of the October 14 Order, as well as what is required under the transparency requirements under Order No. 890.

Please let us know if you or Becky have further questions.

Thanks.

Kham Vongkhamchanh
Transmission Regulatory Support
Entergy Services, Inc.
(504) 576-2097

Attachment 6

From: Benjamin Roubique
Sent: Tuesday, October 25, 2011 11:23 AM
To: Paliza, Roberto; Turner, Becky
Cc: brichardson@kslaw.com; Tony Green
Subject: RE: FERC Order -- Official Communication

Roberto,

We made a request to Entergy on Oct. 11th for this information. Entergy is still reviewing the request. I will provide an update when we receive a response from Entergy.

Ben Roubique
x 3331

From: Roberto Paliza [mailto:roberto@palizaconsulting.com]
Sent: Monday, October 24, 2011 16:10
To: Turner, Becky; Benjamin Roubique
Cc: brichardson@kslaw.com; Paliza, Roberto; Tony Green; Paliza, Roberto
Subject: RE: FERC Order -- Official Communication

Ben,

It is my understanding that the latest revision of Entergy's CP takes into account Arkansas and Mississippi split from the System Agreement and as a result, the creation of two new BAs. We requested several weeks ago that all changes in DNRs as a result of the split be identified and posted on OASIS but received no response from the ICT. Without this information, stakeholders can not validate the long-term power flow models, properly evaluate Entergy's CP, or perform additional analyses. Could you look into this request and respond, even if ICT/Entergy decides not to provide the requested data.

Thanks, Roberto.

Attachment 7

From: Jason Davis [mailto:jdavis@spp.org]
Sent: Thursday, September 08, 2011 5:40 PM
To: Becky.E.Turner
Cc: Don Shipley; Lanny Nickell
Subject: RE: Entergy Response - Official Communication
Becky,

We have a meeting scheduled with Entergy next week for the ICT to gain a better understanding of the RFCALC resyns process that is performed by Entergy. Once we have that information we will be able to complete the ICT position of Entergy's response regarding your concerns. We should have this completed by the end of the month.

Thanks,

Jason Davis
Southwest Power Pool
Office: 501-614-3374
jdavis@spp.org

Attachment 8



Southwest Power Pool, Inc. ("SPP")
INDEPENDENT COORDINATOR OF TRANSMISSION ("ICT") FOR ENTERGY
THIRD QUARTER 2011 ASSESSMENT
Report to the Entergy Users Group
December 7, 2011

Background

The ICT conducts a quarterly assessment of the Entergy Available Flowgate Capability (AFC) data retention processes to provide a reasonable assurance that data retention processes will prevent data loss. The most recent assessment was performed on December 7, 2011. Conducting the assessment on behalf of the ICT:

Tim Phillips, Chair of the Entergy Users Group
Scott Brown, SPP ICT Support Engineer
Joe Codemo, SPP Lead Compliance Analyst - IT
Heather Harris, SPP Internal Audit
Erin Jester, SPP Internal Audit

Representing Entergy:

Tim Angel, Supervisor, System Hardware Support
James Nuss, Backup Manager (on the phone)
Connie Wells, Sr. Staff Analyst, Transmission Compliance
Mike Gazzillo, Project Manager
Warlen Bassham, System Analyst
Matt Briggs, Manager System Integration
John Snodgrass, Archive/ Backup Operator
Len Bassham, Backup Operator
Kevin Major, Archive/Backup Operator

Assessment Scope and Methodology

On December 7, 2011 the ICT met with Entergy staff to review regular AFC and Weekly Procurement Process (WPP) AFC data retention processes. The ICT examined the regular AFC and WPP data retention processes and investigated FERC Lost, Inaccurate or Mishandled submissions since the last assessment. The ICT also reviewed pending recommendations and issues from the August 2011 assessment.

The ICT performed a random sampling of compliance with key process controls to provide reasonable assurance that regular AFC, WPP-AFC data retention processes will prevent data loss.

Upon arrival onsite, the ICT requested Entergy make the following available for inspection:

1. Evidence to verify Energy Management System ("EMS") weekly full and daily incremental backup processes were performed.
 - a) Weekly full image backup logs for the dates. 8/19/2011 – 8/20/2011, 9/10/2011 – 9/11/2011 and 10/14/2011 – 10/15/2011.

- b) Daily incremental backup logs for the dates 8/16/2011, 9/12/2011 and 10/27/2011.
 - c) Logs created from restoration testing of the above full and incremental backups.
 - d) Transmittal documentation from both Information Vaulting Service ("IVS") to substantiate tapes created for above backups were sent offsite.
 - e) Tapes that were removed from the rotation during the August 1, 2011 through October 31, 2011 period were properly identified and logged.
 - f) Obtain and review updated process documentation for regular AFC and Weekly Procurement Process (WPP) AFC data retention processes.
2. Evidence to verify AFC, WPP AFC and HDR data monthly archive backup and restoration processes were performed.
 - a) Remedy service requests from archive cycles performed during August 2011.
 - b) Archive backup logs from archive cycles performed during August 2011.
 - c) Veritas backup logs for the same – August 2011.
 - d) Veritas logs from the restoration testing of archive cycles performed for August 2011.
 - e) Evidence of restored file checksums comparison to backup list checksums for the August 2011 backup to ensure backup process produced no discrepancies.
 3. Evidence of current plus three months AFC data are stored on the EMS and current plus 12 months AFC data.
 4. Evidence of action taken to resolve the issue of AFC data reaching end of life (5 year retention) but collocated on backup archive tapes with Historical Data Retention ("HDR") data that has 25 year retention.
 5. Root cause analysis of FERC filings for the period.

In addition to the random sampling performed, the ICT reviewed the results of Entergy's internally performed and detailed gap analysis of the quarter including the steps taken to remediate any issues found.

Achievements

The ICT would like to take this opportunity to highlight accomplishments noted during the December 7, 2011 assessment.

- For the period of August 1, 2011 – October 31, 2011 Entergy continued to develop more efficient and reliable data backup/archive and retention procedures.
- The ICT appreciates the transparency Entergy continues to show through the continuous self assessments and gap reporting to the ICT.

Results of the ICT Assessment

Item 1 – EMS Weekly Full and Daily Incremental Backup and Restoration Processes

During the review the ICT found that the weekly full and daily incremental backup processes were completed successfully for all sampled dates.

The ICT examined screenshots from VaultWeb/VaultTrac (<http://vaultweb.nst-ivs.com>), IVS' internet-based barcode tracking system, of IVS online tape histories for the sampled dates. All sampled tapes were appropriately sent offsite.



See Attachment A for a listing of all gaps reported by Entergy in the full and incremental backup processes.

Item 2 – AFC, WPP AFC, and HDR Data Monthly Archive Backup and Restoration Processes

An inspection of the August 2011 monthly archive backup and restoration logs confirmed that regular AFC, WPP AFC, and HDR data files were properly backed up to archive and test restored. An examination of the checksum process logs determined that all files archived for the month of August 2011 were successfully transferred from the EMS to online file storage.

The ICT reviewed the August 2011 Remedy incident tickets and found the corporate external review and archive-to-tape process to be complete. The deletion approval and the deletion action is staged and set to be complete upon approval.

Item 3 – AFC Data Storage

The ICT reviewed evidence to substantiate current plus three months of AFC data was stored on the EMS and current plus 12 months AFC data was stored online. The ICT found that all AFC data was stored as required by Entergy policy and procedure.

Item 4 – HDR/AFC End-of-Life

Entergy acknowledged during the November 2008 assessment that certain AFC data was reaching end-of-life (older than five years) and no longer needs to be retained. This data resides on archive tapes that also contain HDR data for the same time period with a 25 year retention schedule. Entergy is continuing to work to complete a historical data split of the HDR/AFC/WPP data. Entergy plans to install a replacement system for the archival system that is currently in place. The target for completion of this is May, 2012.

Summary of Entergy's internal review and gap analysis results

Upon arrival onsite, Entergy reported the following for the period.

1. Entergy reported the following status on items noted during the August assessment.
 - a. Still in remediation – Complete historical data split of HDR/AFC/WPP data. A hardware order to hold this data going forward is completed and is in the process of implementation. No schedule set for migration of old data.
 - b. Updates to documentation:
 - i. "VDUMP" archives have been eliminated (as announced in lessons learned section of the August report)
 - ii. Adjustment of Audit prep procedure is still in process. Meetings with the Operations teams are to be scheduled to discuss new technologies and revisit the evidence currently self-supplied to support this audit.
 - iii. Procedures have been updated to align with new AFC/HDR Backup and Archival data location (SAN).
 - c. Process Review and Training:
 - i. New Backup and Archive Operators brought on last quarter have been cross trained. One resource remains to be trained but should be up-to-speed by the next quarterly audit.
 - d. Backup failures and hardware health checkup:

- i. Replacements for aged and ailing hardware in process based on communication with leadership.
 - ii. The new LT05 tape library installation was completed on October 6, 2011 and placed in production on October 15, 2011. The LT01 tape library will remain in place until all tapes are recycled on to new media.
 - iii. A WORM based data retention scheme is still in development and will be implemented at some point during 2012. Hardware is currently being set up.
 - iv. Policies were updated so that a separate Incremental and full backup schedule were created. Incremental backups are completed daily regardless of the success of the Full backup.
 - v. Netbackup version 7.1 upgrade was completed.
 2. Entergy reported the following system changes/improvements.
 - a. On the weekend of October 15, Entergy's "host plan" project team moved the AFC/HDR long term storage from TSEMS to a storage array system that changed the backup team's backup and restore point to a SAN device in Little rock. This update relocated the host system for archival storage to a replicated storage area network.
 - i. The backup team worked closely with the host plan team to keep backups on time and restores were completed as a part of testing, and coordinated with the cutover activities to limit any possibility for missing data.
 - ii. A "final full backup" of TSEMS was completed and delivered offsite with a "infinite retention" to keep a copy of the data.
 - iii. Move allowed backup team to leverage new LT05 tape library.
 - iv. Move of the data to the SAN allows for data to be replicated in Jackson, MS.
 - v. Backups and restores have been taken locally and across the network to verify that quick restoration can happen in case of an outage or emergency.

Entergy's Detailed Internal Gap Analysis Results

August 2011 Gap Analysis

Entergy self reported five (5) issues that occurred during the month of August, 2011.

During the month of August Entergy has reported tape library issues that were continued from July. On August 12th the team replaced a tape drive in Pine Bluff which resulted in the number of failing backups and restores to be significantly reduced and occur less frequently.

1. August 5, 2011 – A tape media error forced the backups to be re-run.
2. August 7, 2011 – Incremental backups were not run due to a full backup that was still running.
3. August 9, 2011 – The onsite incremental tape was damaged by the drive after the restore was completed. Data was cloned from the offsite tape and the restore was executed again to ensure integrity.



4. August 12, 2011 – After a tape drive replacement, the daily incremental backup and restore was executed a second time. Both restores were logged.
5. August 30, 2011 – Incremental backup and restore size was larger than expected; equal to a full backup. This behavior was due to the set up and implementation of a new policy that ran incremental backups daily, regardless of the status of full backups.

See Attachment A for a listing of all backup gaps identified by Entergy during the period.

September 2011 Gap Analysis

Entergy self reported five (5) issues that occurred during the month of September, 2011.

September had several gaps due to aging equipment and software. Manual work-arounds were implemented to prevent data loss.

1. September 1 through 3 – Changes in the daily incremental backup policy caused the incremental backups on these dates to run as fulls. These changed to the daily incremental backup policy were made to correct skipped backups that were happening due to failed full backups.
2. September 15, 2011 – A backup was 14KB short upon restoration. A PCR was created and a separate ticket was opened with the support vendor to resolve the issue. No data was identified as lost. The vendor believes this is an issue with Netbackup and suggests an upgrade be completed.
3. September 17, 2011 – Only a partial full backup completed, however a daily incremental backup was successful and the remaining full backup data was re-run and completed successfully on September 18.
4. September 19, 2011 – The onsite tape failed to restore due to media errors. A clone was made of the offsite tape and restored successfully.
5. September 24, 2011 – The offsite tape failed to restore due to media errors. A clone was made of the onsite tape and restored successfully.

See Attachment A for a listing of all backup gaps identified by Entergy during the period.

October 2011 Gap Analysis

Entergy reported two (2) issues that occurred during the month of October, 2011.

October marked the beginning of upgrades and replacement of old hardware as demonstrated by the reduced number of incidents.

1. October 12, 2011 – The restores for the incremental backup were missing 4KB of data in the restore log. Leveraging the open ticket with the vendor, the backup team and the vendor verified that all data had successfully restored. Purchase of the licenses to Netbackup 7.1 were completed shortly after.
2. October 15, 2011 – The cutover to the new LT05 tape library and the new storage system were implemented. There have been no gaps to date since the transition.

See Attachment B for a listing of all media errors by Entergy during the period.



Conclusion

The ICT wishes to thank Entergy for their transparency and efforts to make significant progress in improving the AFC, WPP AFC and HDR data backup and retention processes.

FERC Filings –

Filings made by Entergy to FERC since the 2nd quarter assessment was discussed in some depth.

October 25th, 2011

Exclude Flag

On October 12, 2011, the ICT identified to Entergy that three long-term Transmission Service Requests (TSRs) did not have the exclude flag in webTrans properly set to “yes” from October 6, 2011 at approximately 15:00 until October 12, 2011 at approximately 16:00 due to a network issue at OATi on October 6, 2011. The exclude flag in webTrans removes the impact of TSRs from the AFC calculations when it is set to “yes”. This flag should be set to “yes” when long-term TSRs are in “study” and have not yet been “accepted”. All three TSRs were submitted by Entergy. The exclude flags for these TSRs were manually changed to “yes” on October 12, 2011.

Entergy believes that this error had the potential to impact the AFC values for the Study Horizon; however, no TSRs impacting the affected timepoints were denied during this time period.

**Attachment A
Entergy Internal Gap Log**

Date of Backup	Full or Inc	Offsite or Onsite	Status	Explanation for Gap
8/5/2011	Full	Both	Backup deferred	Initial full backup failed due to media error; re-run on 8/6 was successful
8/7/2011	Inc	Both	Backup deferred	Full backup above was still running, therefore this incremental did not run
8/9/2011	Inc	Onsite	Delayed Verification	After the original onsite was run successfully on 8/9 the onsite tape was damaged by the tape drive. The offsite tape was cloned to create a new onsite tape. This new onsite tape was used to do a second restore on 9/6, to ensure that the new tape was valid. Tape drive that damaged tape was replaced by HP, on 8/12.
8/12/2011	Inc	Both	Extra backup	After library repair on 8/12, a second backup was run to make sure the library was working, and this extra backup was restored

Date of Backup	Full or Inc	Offsite or Onsite	Status	Explanation for Gap
				normally.
8/12/2011	Full	Both	Split restore	Largest stream of the backup (B stream) was too large to restore to target in one pass, so restore was split into two sections, referred to as B1 and B2. Total files restored added up to the same number as backed up.
8/20/2011	Inc	Onsite	Delayed Verification	The onsite restore for this backup was delayed till 9/6 due to operator error in pulling the onsite tape too soon, and subsequent tape drive unavailability due to higher priority offsite restores utilizing all available drives.
8/30/2011	Inc	Both	Full-sized backup on incremental schedule	Because of reconfiguration of test-restore policies, this incremental ran as a full, necessitating longer restore times.
9/1/2011	Inc	Both	Full-sized backup on incremental schedule	Because of reconfiguration of test-restore policies, this incremental ran as a full, necessitating longer restore times.
9/3/2011	Inc	Both	Full-sized backup on incremental schedule	Because of reconfiguration of test-restore policies, this incremental ran as a full, necessitating longer restore times.
9/15/2011	Inc	Both	Verification mismatch	Both restores were 14KB short, compared to number of KB in original backup. Sigma is investigating. See also entry for 10/12, where data was proved to be on tapes.
9/17/2011	Full	Both	Partial backup	There was a successful incremental on Saturday 9/17, so no data was missed. The re-run of the full on Sunday 9/18 successfully backed up all three streams, and the restores thereof were successful.
9/18/2011	Full (manual re-run of 9/17 – see above)	Onsite	Delayed Verification	Onsite restore failed first two tries; clone tapes made from offsite tapes; re-ran successfully on the 4 th try.
9/19/2011	Inc	Onsite	Delayed Verification	Onsite restore failed first two tries; clone tape made from offsite tape; re-ran successfully on the 3 rd try.

Date of Backup	Full or Inc	Offsite or Onsite	Status	Explanation for Gap
9/24/2011	Full	Both	Delayed Verification	Offsite restore of B2 failed twice; clone tapes made from onsite tapes. B2 restored successfully from cloned tapes; B1 repeated from cloned tapes also succeeded, to match B2.
10/12/2011	Inc	Both	Verification Mismatch	Both restores were 4KB short, compared to number of KB in original backup. Re-ran just the stream that was short, proving that all the data was on the tapes but had been omitted from the KB count on the Activity Monitor. All data restored successfully, including separate stream restores.



Attachment B
Entergy Internal Media Error Log

Date	Description
8/2/2011	DF 8082 Freezing media, External event caused rewind during write, all data on media is lost.
8/2/2011	DA1360 Freezing media, external event caused rewind during write, all data on media is lost.
8/3/2011	DF7763 freezing media, external event caused rewind during write, all data on media is lost.
8/4/2011	DA1814 I/O error.
8/11/2011	DA1815 Load operation reported an error.
8/12/2011	DA1411 Freezing media, external event caused rewind during write, all data on media is lost.
8/16/2011	DH4018 load operation reported an error.

Attachment 9



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Gregory D. Pierce
Director Transmission Compliance

October 25, 2011

VIA ELECTRONIC FILING

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Entergy Services, Inc.; Docket No. ER05-1065-000
Report of AFC-Related Errors

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's ("Commission") April 24, 2006 Order in *Entergy Services, Inc.*, 115 FERC ¶ 61,095 (2006) ("April 24 Order"), Entergy Services, Inc., acting as agent for the Entergy Operating Companies,¹ hereby notifies the Commission it has recently become aware of the following AFC-related error.

In the April 24 Order, the Commission conditionally accepted Entergy's proposal to establish an Independent Coordinator of Transmission ("ICT") for the Entergy System. As the Commission is aware, the Southwest Power Pool, Inc. acts as Entergy's ICT. In the April 24 Order, the Commission imposed an obligation for Entergy to "notify the Commission, the ICT and the Users Group within 15 days if Entergy discovers that it has lost data, or reported inaccurate data, or otherwise believes that it has mismanaged data." See April 24 Order at P 110. Accordingly, Entergy submits the following summary of mismanaged data.

¹ The Entergy Operating Companies include: Entergy Arkansas, Inc., Entergy Gulf States Louisiana, LLC, Entergy Louisiana, LLC, Entergy Mississippi, Inc., Entergy New Orleans, Inc., and Entergy Texas, Inc. The Entergy Operating Companies and Entergy Services, Inc. are referred to collectively herein as "Entergy."

Kimberly D. Bose, Secretary
October 25, 2011
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Exclude Flag

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Entergy believes that this error had the potential to impact the AFC values for the Study Horizon; however, no TSRs impacting the affected timepoints were denied during this time period.

In the event that further information is needed, please do not hesitate to contact the undersigned.

Respectfully submitted,
/s/Gregory D. Pierce
Gregory D. Pierce
Director, Transmission Compliance

cc: Southwest Power Pool, Inc.
ICT Users Group
Service List; Docket No. ER05-1065-000

CERTIFICATE OF SERVICE

I hereby certify that I have this 25th day of October, 2011, served the foregoing document upon the Southwest Power Pool, Inc., the ICT Users Group, and each person designated on the official service list compiled by the Secretary in this proceeding.

/s/ Nicole A. Livaccari

Nicole A. Livaccari
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Tel: (504) 576-4296

Attachment 10



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Gregory D. Pierce
Director Transmission Compliance

November 21, 2011

VIA ELECTRONIC FILING

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Entergy Services, Inc.; Docket No. ER05-1065-000
Report of AFC-Related Errors

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's ("Commission") April 24, 2006 Order in *Entergy Services, Inc.*, 115 FERC ¶ 61,095 (2006) ("April 24 Order"), Entergy Services, Inc., acting as agent for the Entergy Operating Companies,¹ hereby notifies the Commission it has recently become aware of the following AFC-related error.

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¹ The Entergy Operating Companies include: Entergy Arkansas, Inc., Entergy Gulf States Louisiana, LLC, Entergy Louisiana, LLC, Entergy Mississippi, Inc., Entergy New Orleans, Inc., and Entergy Texas, Inc. The Entergy Operating Companies and Entergy Services, Inc. are referred to collectively herein as "Entergy."

Kimberly D. Bose, Secretary
November 21, 2011
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Net Schedule File

On November 8, 2011, Entergy discovered that the Net Schedule File did not update from 15:45 until corrected at 22:45 on November 8, 2011. The Net Schedule File is only used in the AFC process during the Operating Horizon and should be updated every hour. A database account permissions change occurred on November 8, 2011 which resulted in the error. This error was subsequently corrected on November 8, 2011 at 23:15 to allow the Net Schedule File to resume updating.

The error potentially impacted the non-firm AFC calculations in the Operating Horizon on November 8, 2011 between 16:15 and 23:15. The AFC process continued to use the schedule data last updated at 14:45, thus any changes in schedules during the duration of this error were not reflected in AFC calculations. Due to the number of schedules processed during this time period, it is not technically feasible to determine the exact impact to AFC calculations.

In the event that further information is needed, please do not hesitate to contact the undersigned.

Respectfully submitted,
/s/Gregory D. Pierce
Gregory D. Pierce
Director, Transmission Compliance

cc: Southwest Power Pool, Inc.
ICT Users Group
Service List; Docket No. ER05-1065-000

CERTIFICATE OF SERVICE

I hereby certify that I have this 21th day of November, 2011, served the foregoing document upon the Southwest Power Pool, Inc., the ICT Users Group, and each person designated on the official service list compiled by the Secretary in this proceeding.

/s/ Mary E. Bornholdt

Mary E. Bornholdt
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