



1200 G Street, N.W.  
Suite 600  
Washington, D.C. 20005-3802  
202.393.1200  
Fax 202.393.1240  
www.wrightlaw.com

September 30, 2010

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 Third Quarterly Performance Report for 2010, 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").<sup>1</sup>

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

---

<sup>1</sup> 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**

**June 1, 2010 – August 31, 2010**

---

**Table of Contents**

1.	OVERVIEW .....	2
2.	RELIABILITY COORDINATION (RC).....	6
3.	TARIFF ADMINISTRATION (TA) .....	14
4.	PLANNING AND TARIFF STUDIES.....	25
5.	WEEKLY PROCUREMENT PROCESS (WPP).....	33
6.	ENTERGY REGIONAL STATE COMMITTEE .....	36
7.	STAKEHOLDER PROCESS .....	38
8.	STAKEHOLDER COMMUNICATION.....	43
9.	USERS GROUP AND DATA/SOFTWARE MANAGEMENT .....	45

## **1. Overview**

### **1.1 Entergy**

Entergy Services, Inc. (Entergy or ESI) 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., 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 69kV - 500kV 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 Weekly Procurement Process (WPP). In its filing, Entergy identified Southwest Power Pool, Inc. (SPP) as the candidate it had chosen to perform the function of the ICT. 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), satisfied the independence requirement of operating in the capacity of the ICT for Entergy and conditionally approved the tariff changes filed by Entergy. 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.

### **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, including benefits, 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 ICT 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 to examine transmission issues affecting electricity service within Arkansas. In particular, the APSC directed SPP to report on two matters that directly implicate the operation of the ICT: (i) Entergy's and/or Entergy Arkansas, Inc.'s (EAI) membership in SPP RTO; and (ii) completion of a seams agreement between Entergy and SPP.

In addition, the APSC directed parties to file testimony on the relevant issues concerning EAI's decision to leave the Entergy System Agreement in December 2013. The APSC held show cause evidentiary hearings on March 11, 2010, and May 17, 2010, where witnesses were called from Entergy and EAI to give testimony addressing Entergy's and EAI's efforts in regards to EAI's future options; SPP RTO membership, EAI operating as a stand-alone utility, and the historical interaction between Entergy, EAI, and the APSC. No further action was taken in this proceeding during this quarter.

On June 3, 2010, the APSC held a technical conference. The purpose of this conference was for SPP to provide the APSC an update on how Arkansas' ratepayers' access to safe and reliable transmission service is affected by: (i) regional cost allocation of transmission projects; (ii) the determination process and decision making authority regarding priority projects; (iii) the Integrated Planning Process; (iv) the implementation of reforms relating to FERC's Order No. 719; (v) the Entergy/SPP seams agreement; and (vi) future market developments. SPP gave a presentation on each of these issues at the conference.

#### **1.5.1 SPP RTO Cost/Benefit Study**

As previously reported, the Commission awarded a contract to Charles River and Associates (CRA) to conduct a comprehensive cost benefit study on Entergy and Cleco Power joining SPP RTO. As an addendum to that study, CRA will perform a cost benefit study on EAI, as a stand-alone entity, joining SPP RTO. Under the current time table, CRA's cost/benefit study is to be completed by September 30, 2010.

### **1.5.2 SPP/Entergy Seams Agreement**

On March 26, 2010 and April 16, 2010, SPP submitted a Comprehensive Seams Agreement between Entergy and SPP. The filings included an executed Letter Agreement that adopted certain procedures and processes meant to provide “comprehensive” coordination between the Entergy and SPP transmission systems. The Letter Agreement also incorporated four (4) protocols governing the following areas: (i) coordination of enhanced regional planning activities, study coordination activities, and flowgate financial rights; (ii) coordination of AFC/Total Flowgate Capability values; (iii) allocation of costs of upgrades; and (iv) data exchange, confidential information, and critical energy infrastructure information (CEII). SPP stated that the Letter Agreement and protocols will allow SPP and Entergy to share information and coordinate their processes in a manner that will allow both systems to operate more efficiently. Further, SPP recognized that additional procedures may be developed to better coordinate operations and enhance the quality and availability of transmission across the Entergy/SPP seam.

On June 15, 2010, the Commission conditionally accepted the March 26, 2010 and April 16, 2010 filings with an effective date of March 31, 2010. The Commission commended SPP and Entergy for their efforts toward addressing seams issues that impede both of their systems from operating more efficiently but recognized that other seams issues remain unaddressed. Finally, the Commission required SPP and Entergy to modify certain portions of the Coordination and AFC/TFC Protocols in a compliance filing to provide further clarity on the processes used in the seams coordination agreement. SPP made the compliance filing as required by the Commission on July 15, 2010 and on the same date, East Texas Cooperatives requested rehearing of the June 15 order. The Commission granted rehearing for further consideration on August 16, 2010 and no further action has been taken to date.

## **2. Reliability Coordination (RC)**

### **2.1 Overview**

In the ICT Approval Order, paragraph 94, the Commission stated that the 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's performance of these duties has been strictly on an independent basis 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 is in compliance with the standards set forth by NERC and has complied 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 will retain 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 June 1, 2010 to August 31, 2010. 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 June 1, 2010 to August 31, 2010.*

- 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

SPP did not submit any other SERC self-certifications this quarter.

## 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 is on the transmission system. 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 one hundred eighty-six (186) TLR Level 3, 4, and 5 events with a total curtailment of 408,694 MWh's from June 1, 2010 to August 31, 2010. For comparison purposes, during the same period in the previous year there were a total of one hundred twenty-eight (128) TLR Level 3, 4, and 5 events initiated with a total of 286,776 MWh's curtailed. Figures 1 and 2 illustrate these TLR events broken down by monthly totals for the current and previous year time period.

Figure 1

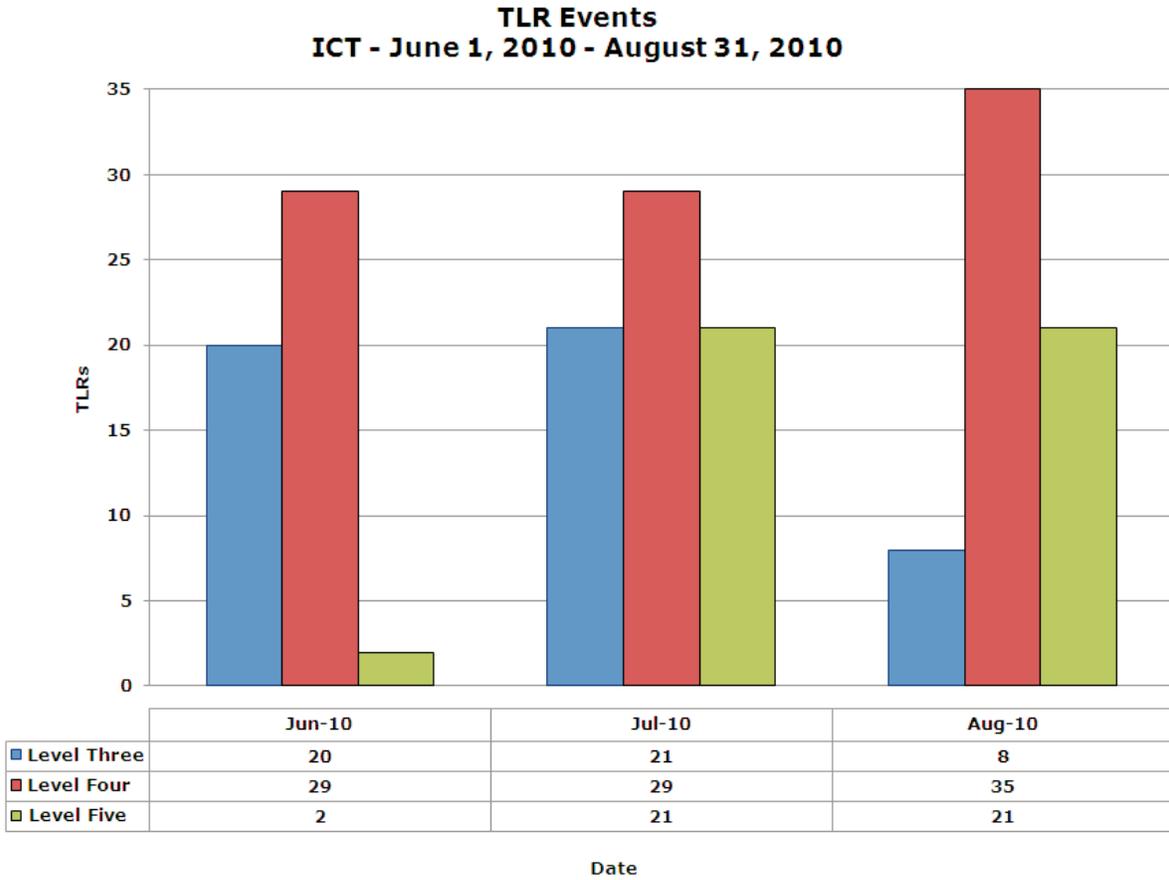
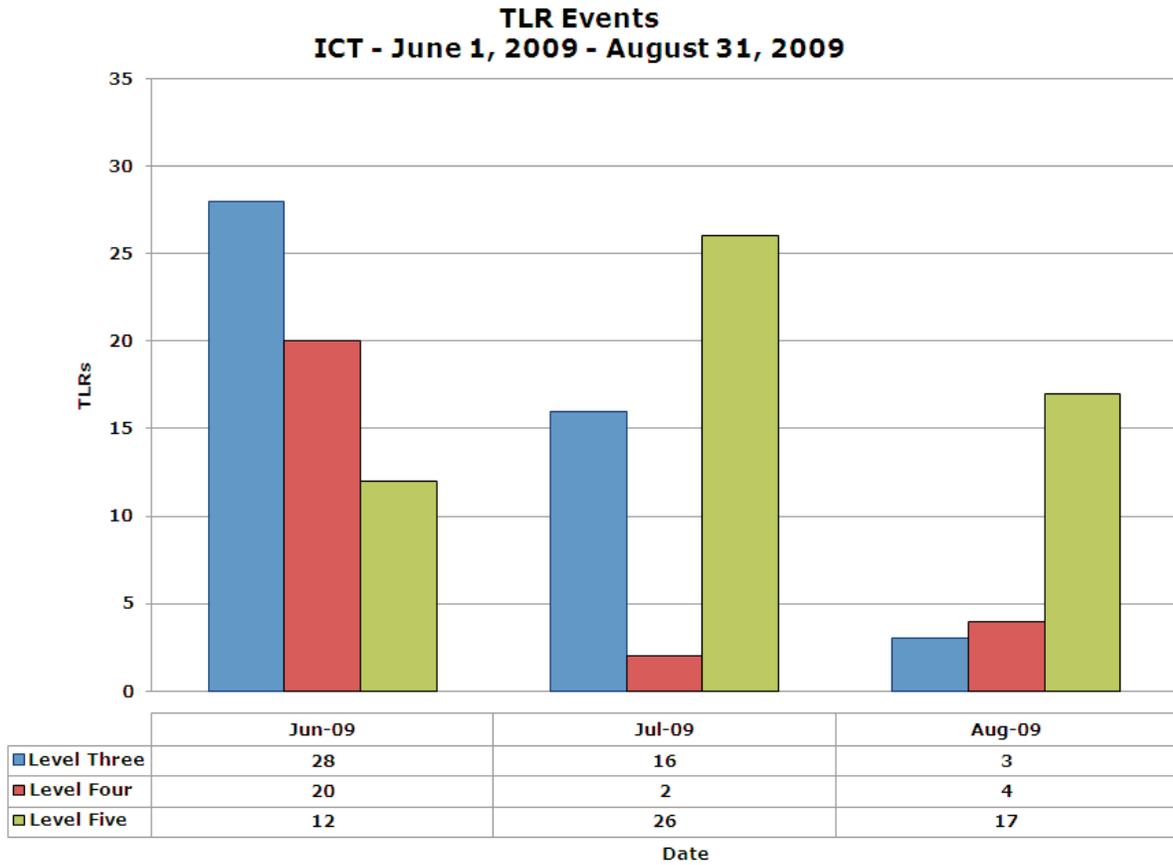


Figure 2



A total of 317,506 MWh's of Non-Firm service and 91,188 MWh's of Firm service were curtailed by the ICT from June 1, 2010 to August 31, 2010. A total of 234,773 MWh's of Non-Firm service and 52,003 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**

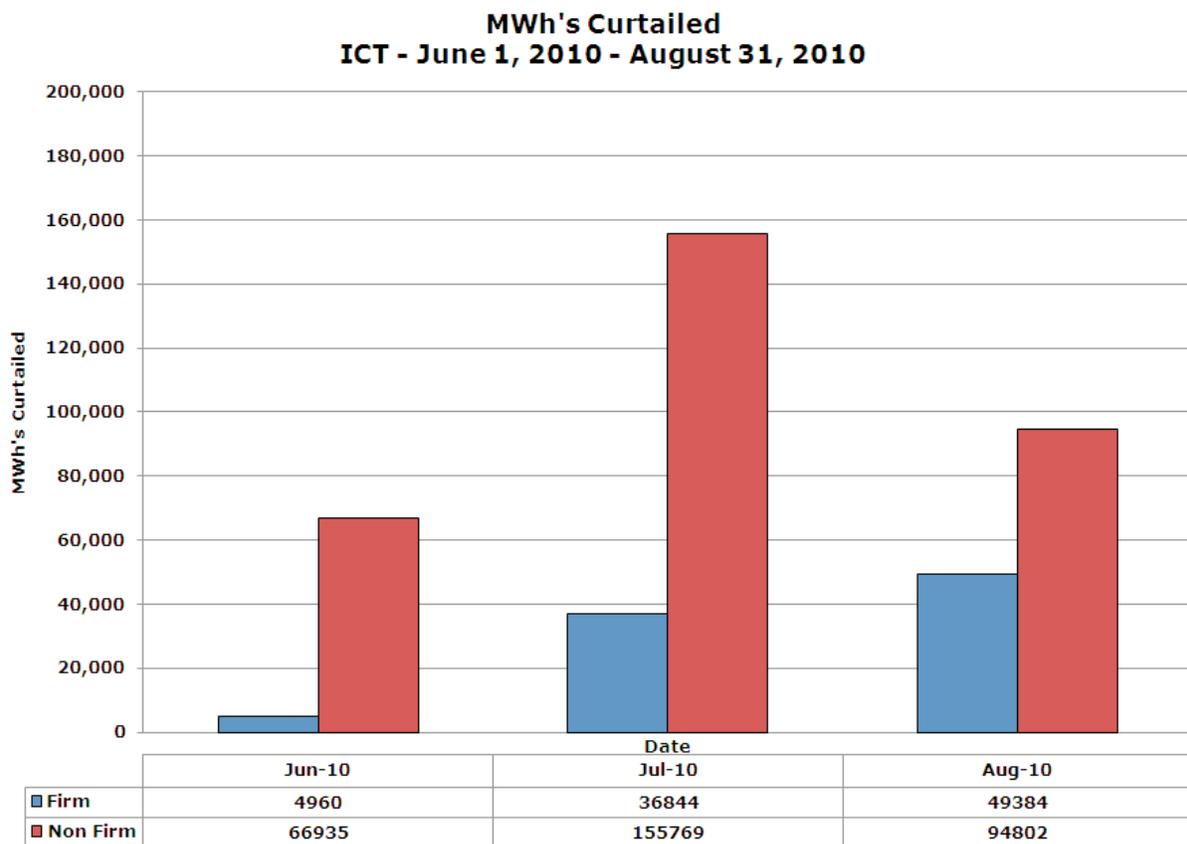
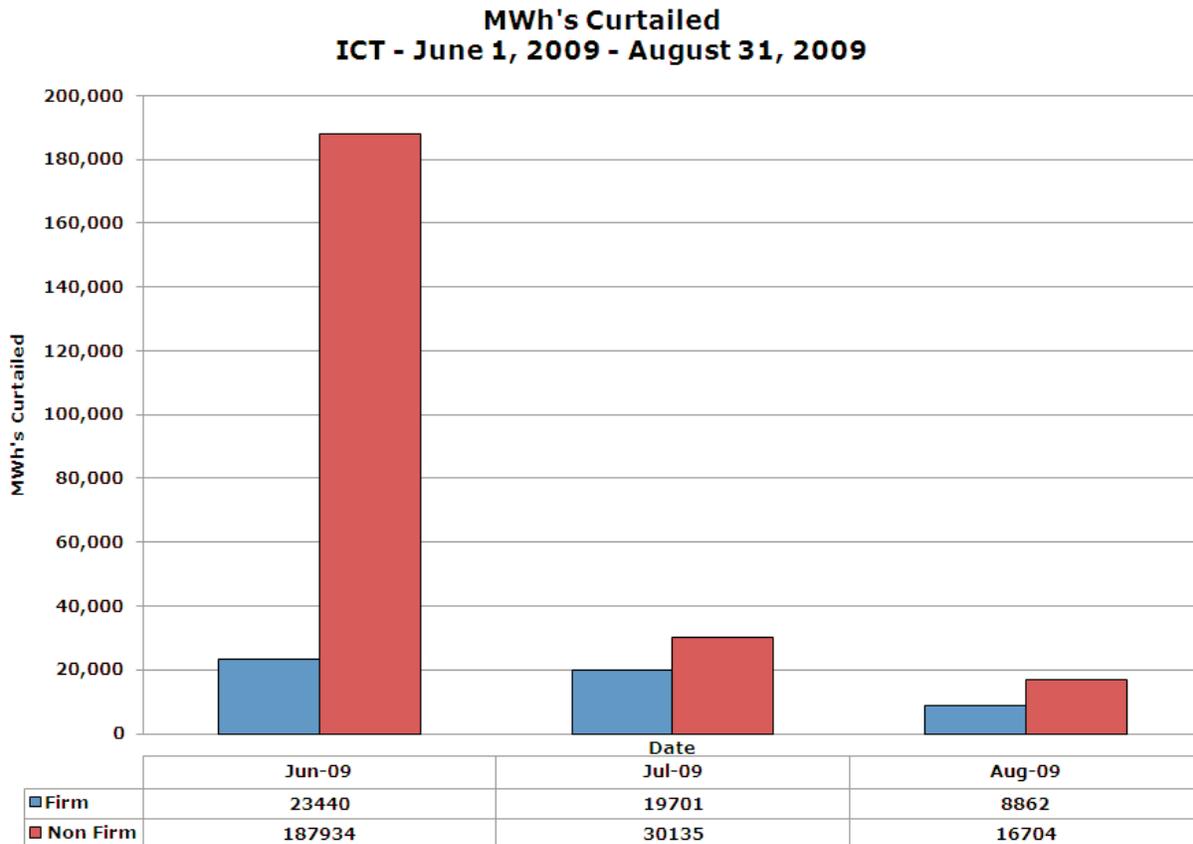


Figure 4



### 2.4.2 TLR Analysis

During the current reporting period, the total number of TLRs and MWh curtailments increased as compared to the same period of the previous year. For this quarter, Non-firm service curtailments increased by thirty-three (33) percent and Firm service curtailments increased by seventy-four (74) percent from the same period last year.

The following flowgates accounted for most of the TLR Level 3, 4 and 5 events that occurred during this quarter:

- Sheridan - Mabelvale 500 kV for the loss of White Bluff - Keo 500 kV – the TLRs issued for this flowgate were caused by a south to north power transfer, high load, economic dispatch, internal generation only in the Control Area, and Amite South generation ramped up to serve the native load.

- West Memphis-Birmingham Steel 500 kV for the loss of Sans Souci-Shelby 500 kV – the TLRs issued for this flowgate were caused by a west to east power transfer and loop flow, high load, economic dispatch, and independent power producer (IPP)/Qualifying Facilities (QF) off-system sales.
- Keo-West Memphis 500 kV for the loss of Independence-Dell 500 kV - the TLRs issued for this flowgate were caused by a west to east power transfer and loop flow, high load, economic dispatch, and IPP/QF off-system sales.
- Scott-Semere 138 kV for the loss of Wells-Pont Des Mouton 230 kV - the TLRs were caused by limited available generation, a north/south power flow, high load, economic dispatch, IPP sales, and Acadiana Load Pocket constraints.

Collectively, these flowgates accounted for forty-nine (49) percent of the TLR events, eighty (80) percent of the total MWh's curtailed, and eighty-four (84) percent of the Firm MWh's curtailed. The flowgate issues highlighted above were all typically on-peak occurrences.

#### **2.4.3 ICT Reliability Improvement Plan**

SPP's RC group developed the Reliability Improvement Plan (RIP) in an effort to minimize the level and severity of TLR events on Entergy's system. The SPP RC group took no actions under the RIP during this reporting period.

#### **2.4.4 Acadiana Load Pocket Upgrade Project**

As previously reported, the first phase of the Acadiana Load Pocket Upgrade Project was completed on May 15, 2010. The second phase of the Project is scheduled to begin in September 2010 and continue through April 2011.

### **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 will address 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 June 1, 2010 through August 31, 2010, included, among other things, the ongoing analysis of AFC models; reviewing the practices and processes for all AFC horizons; working with Entergy and Open Access Technology, Inc. (OATi) to address various software issues; work on AFC modeling issues related to the inclusion of transmission upgrades in the short-term models and the calculation of net interchange and the dispatching of external control areas; and suspension of Non-Firm sales during a TLR. 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 TSRs, AFC model problems, transmission constraints, and other issues identified through the TSR process and specific stakeholder concerns and questions.

##### **3.2.2 Suspension of Non-Firm Sales**

During this reporting period, SPP's TA and RC groups operated under the new process for suspending the sale of Non-Firm transmission service during a TLR that was approved and implemented by the Near-Term Transmission Issues Working Group (NTTIWG) in May. Initial data was collected during the quarter and the results were given to the stakeholders at the July 20, 2010 NTTIWG meeting. The TA and RC groups will continue to monitor and collect data on the new process so that a larger sample of results will be available to determine if the process is working as intended.

### **3.2.3 WPP Support**

SPP's TA group continues to support the interface between the WPP and the AFC process on a weekly basis.

### **3.2.4 Implementation of Order Nos. 890 et seq. Requirements**

SPP's TA group continues to work with Entergy to finalize the business practices associated with the Conditional Firm service established by FERC Order Nos. 890 et seq.

### **3.2.5 Criteria Manuals**

Entergy filed the Criteria Manuals (now Attachments C, D, and E to the Entergy OATT) with the Commission on April 3, 2009. By the end of this reporting period, the Commission had not yet acted on Entergy's filing.

In filing the Criteria Manuals, Entergy stated that it intended to post certain business practices on the more detailed and technical processes associated with the Criteria Manuals to allow SPP's TA group and stakeholders the flexibility to continue to discuss and make technical improvements and adjustments to these processes. Consistent with this commitment, Entergy circulated part of its draft business practices to stakeholders on July 17, 2009, that addressed various AFC related criteria and modeling. During this reporting period, SPP re-engaged with Entergy to finalize the remainder of the draft business practices. However, by the end of the reporting period the draft business practices were still not posted.

### **3.2.6 Designated Network Resource (DNR) Technical Team**

During this reporting period, SPP's TA group continued to participate in the DNR Technical Team.

### **3.2.7 AFC Modeling Improvements Task Force**

As previously reported, a task force was formed to address three specific AFC modeling issues discussed in more detail in sections 3.2.8, 3.2.9, and 3.2.10 below. In addition, based upon actions taken within the Entergy Regional State Committee Working Group (E-RSC WG) this quarter, the scope of the task force has been expanded to address a list of stakeholder items involving Available Transmission Capability (ATC)/AFC modeling issues. See Attachment 1. Currently, SPP is collecting data from the stakeholders to prioritize this list of issues for the task force to address.

### **3.2.8 Modeling of Transmission Upgrades**

As described in previous reports, the SPP TA group has expressed its concerns about Entergy's current practice of excluding all transmission upgrades in the short-term AFC models until the

time the upgrades are actually placed in-service, while allowing the transmission service granted in reliance on those upgrades to be reflected in the AFC models. SPP's TA group is re-evaluating the current practices and exploring alternative practices to determine the best practice for the Entergy system. A recommendation from SPP's TA group will be discussed at a future NTTIWG meeting.

### **3.2.9 Modeling Issues Identified for the WOTAB Load Pocket**

SPP's TA group will continue to monitor this situation, but no further action was taken during this period.

### **3.2.10 Net Interchange and External Control Area Dispatch Modeling**

As detailed in previous reports, Entergy and SPP's TA group have agreed on the need to modify the current AFC modeling assumptions related to first-tier external control area dispatch and net interchange, which rely on real-time adjustments from Entergy's state estimator model. Based on the task force's recommendation, Entergy is using coordinated TSR and unit dispatch for two (2) external control areas to calculate net interchange and set the dispatch for those areas.

### **3.2.11 Reservation Stack for Load-Only Balancing Authorities**

As previously reported, Entergy has agreed to work with the software vendor to implement an automated modeling process to allow Load Serving Entity (LSE) customers to provide a stack of reservations for the modeling of network service to meet their load in the Study Horizon. Entergy has informed SPP that the work on the software patch has been delayed due to higher priority issues, including the replacement of Entergy's OASIS vendor.

The OATi conversion required Entergy to make changes to the Study Horizon process. Entergy and SPP continue to evaluate the current process to determine which issues remain to be addressed before moving forward with additional automation for the reservation stack process.

### **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, and Monthly service. The e-terra automation 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. SPP's TA group's oversight of long-term TSRs and the planning process is discussed in detail in section 4 of this report.

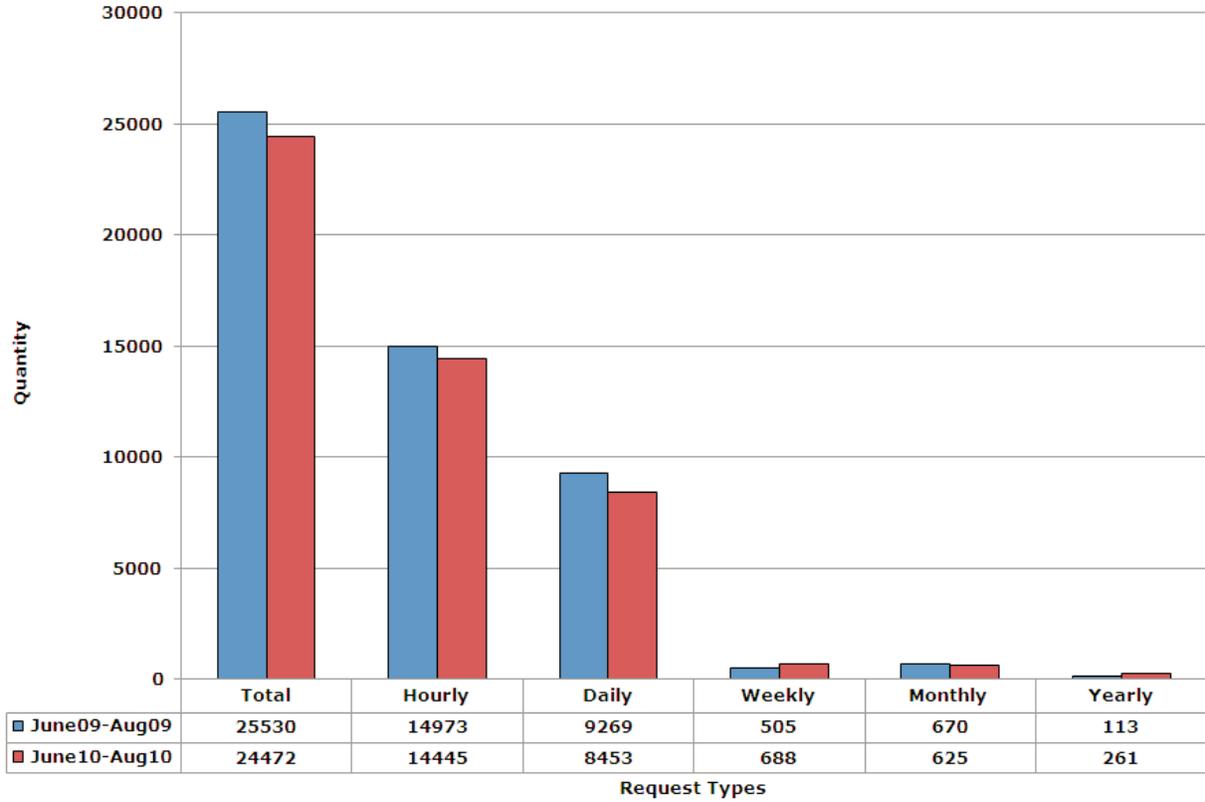
#### **3.3.1 Review of TSRs**

3.3.1.1 Figure 5 illustrates the number of TSRs received and acted on by SPP from June 1, 2010 to August 31, 2010, as compared to the same time period in the prior year. As shown, there was a 4.1 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 (-3.5 percent), Daily (-8.8 percent), Weekly (+36.2 percent), Monthly (-6.7 percent), and Yearly (+ 131 percent). These percentage changes can also be seen in Figure 12.

**Figure 5**

**TSRs Received**

Comparison June 2009 - August 2009 vs June 2010 - August 2010



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 June 1, 2010 to August 31, 2010, 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**  
**Request Status**  
**ICT - June 1, 2010 - August 31, 2010**

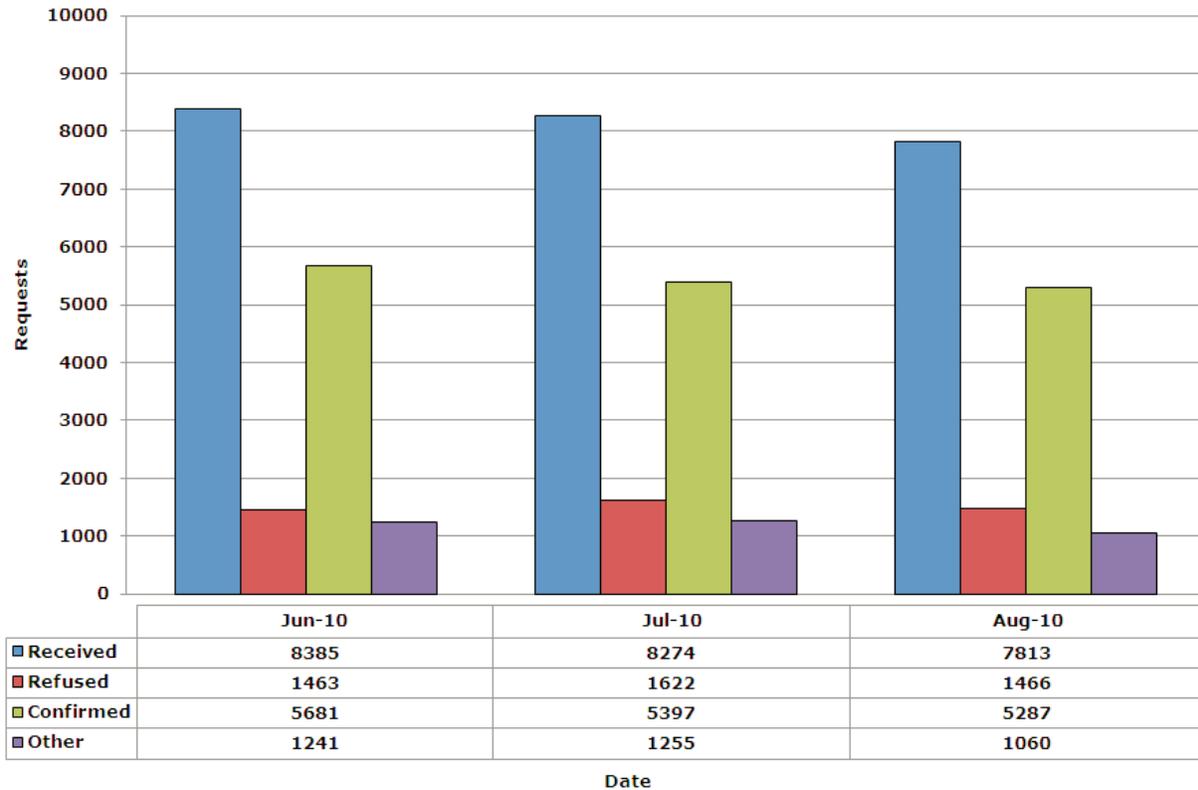


Figure 7

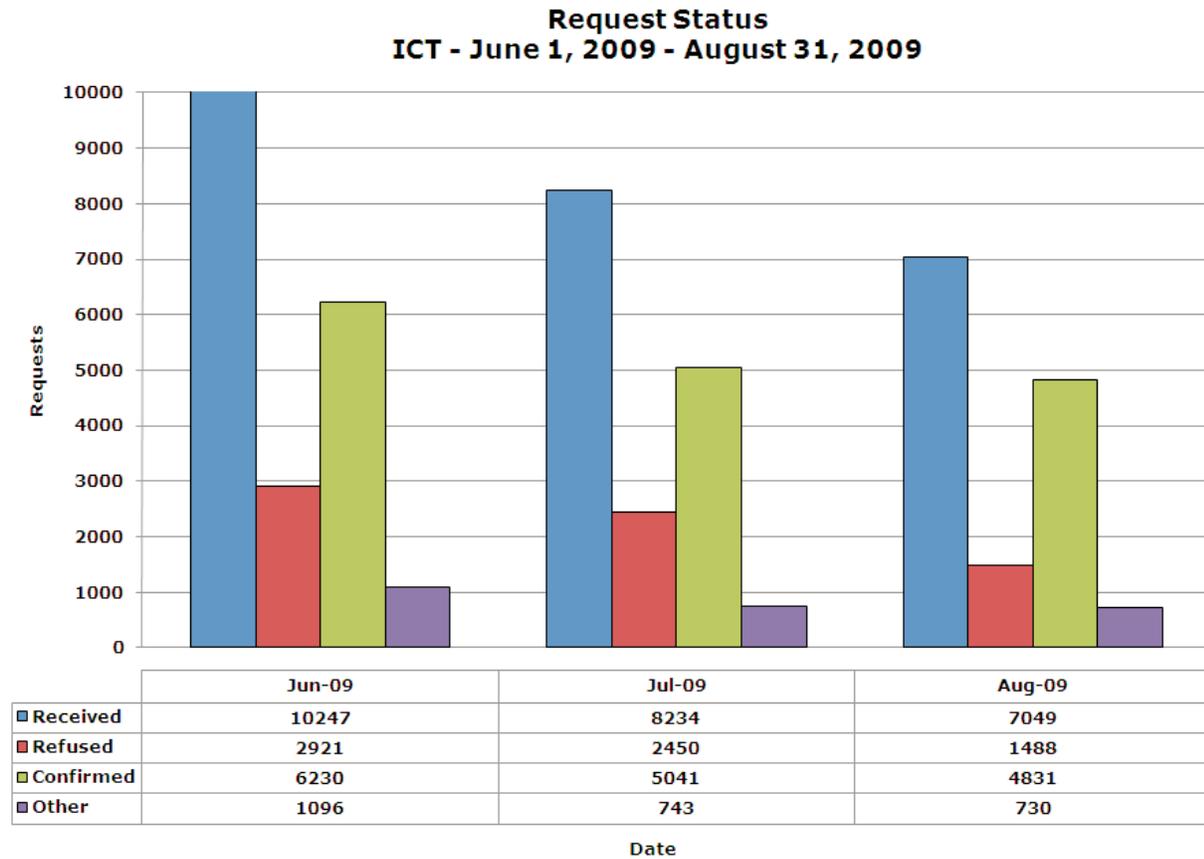


Figure 8

**Year to Year Comparison of Request Status**  
**June 2009 - August 2009 vs. June 2010 - August 2010**

Status	June	July	August	Total
Received	-18.2%	0.5%	10.8%	-4.1%
Refused	-49.9%	-33.8%	-1.5%	-33.6%
Confirmed	-8.8%	7.1%	9.4%	1.6%
Other	13.2%	68.9%	45.2%	38.4%

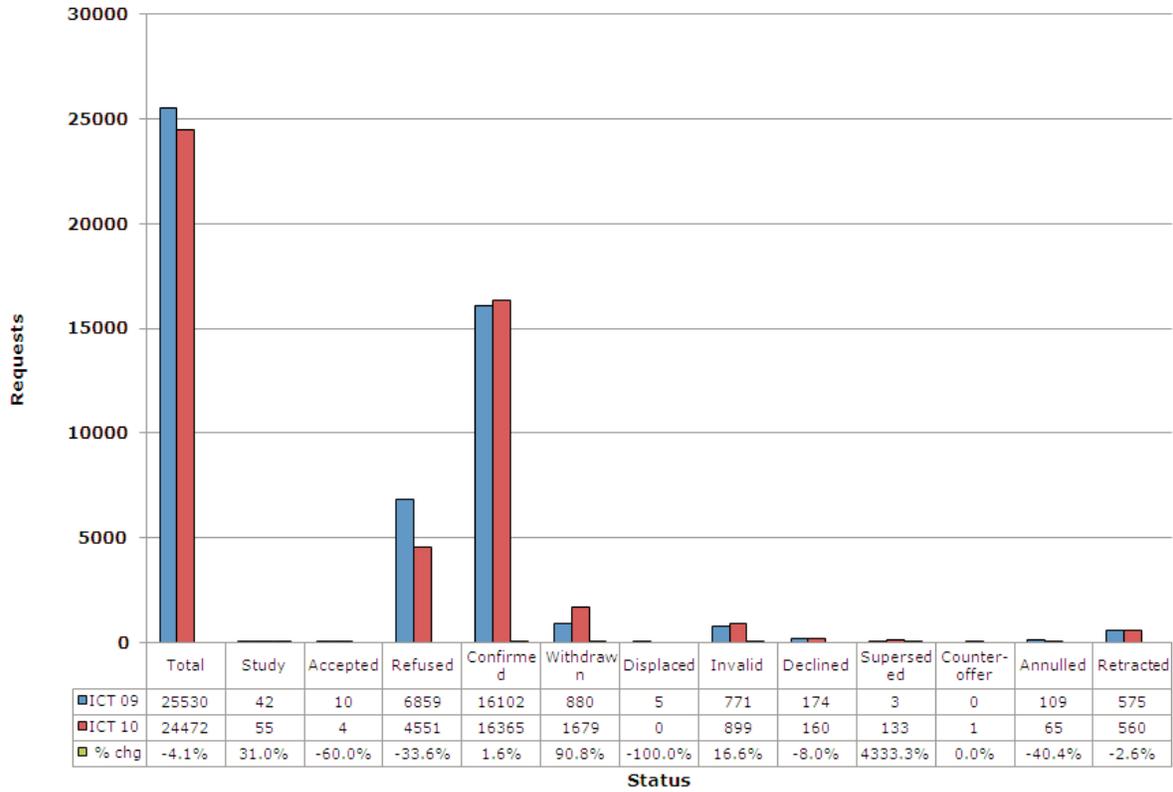
3.3.1.3 Figure 9 compares the ultimate disposition for the total amount of TSRs received by SPP's TA group from June 1, 2010 to August 31, 2010, and the same time period for the previous year. Since each TSR is received and queued with a status of "study" pending final disposition, some TSRs received 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 for DNR 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.

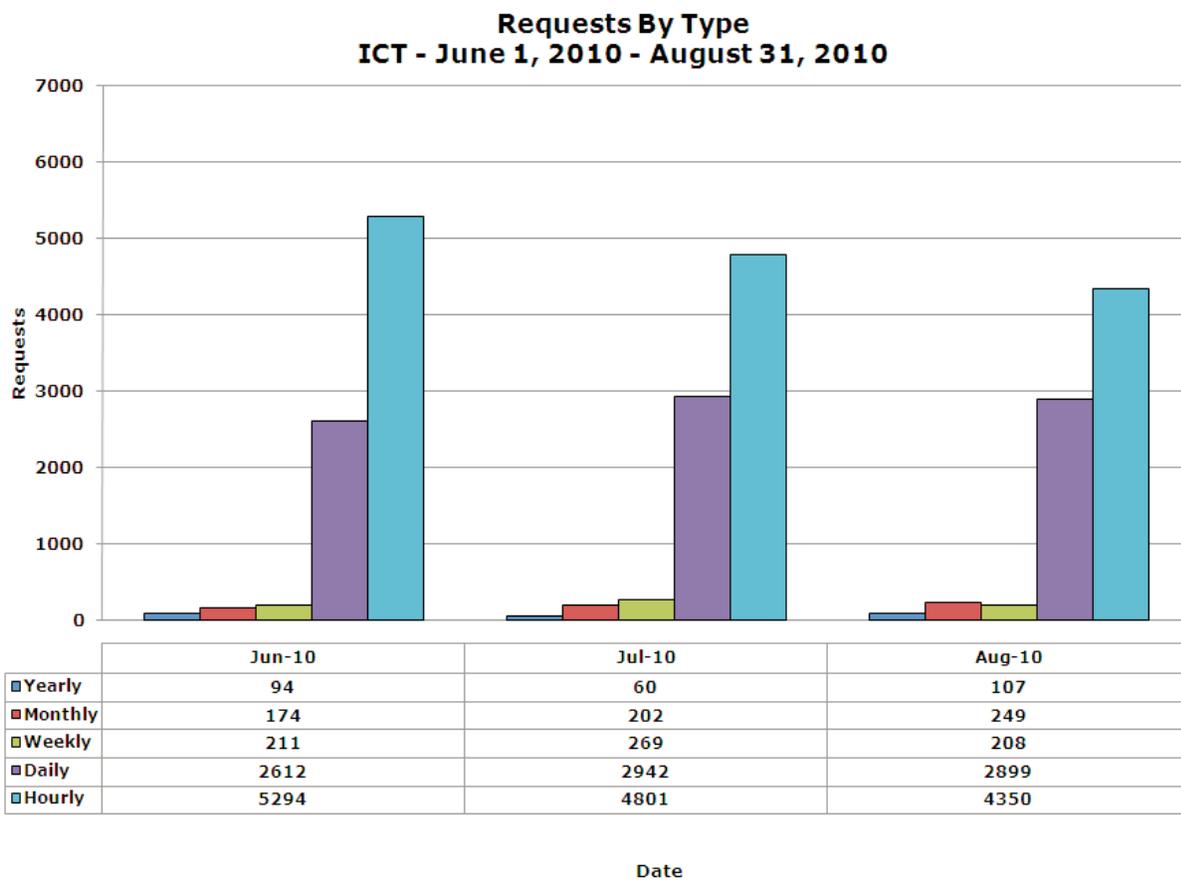
Figure 9

**Request Status Comparison**  
ICT June 2009 - August 2009 vs. June 2010- August 2010



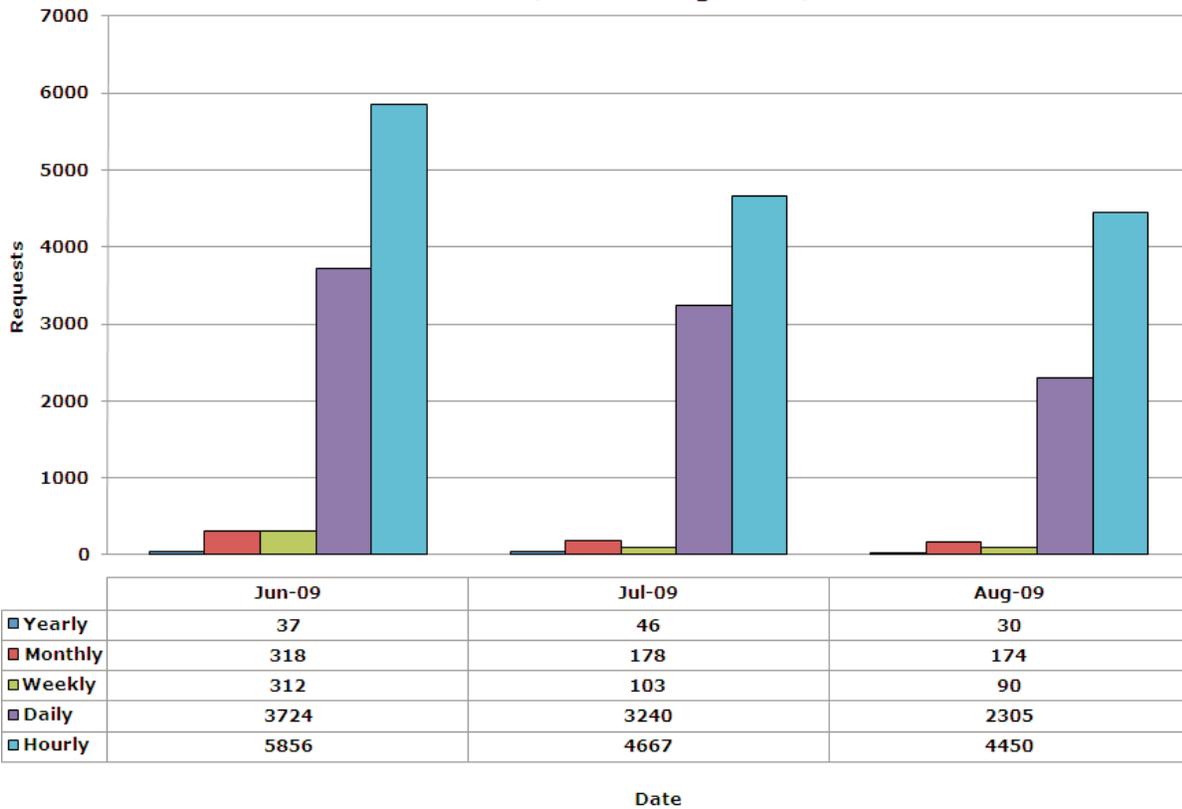
3.3.1.4 The following Figures 10 and 11 illustrate the number of TSRs, sorted by type, that SPP’s TA group processed from June 1, 2010 to August 31, 2010, and for the same period of the previous year. Figure 12 offers an illustration of the percentage change in service types from June 1, 2010 to August 31, 2010, versus the same period of the previous year.

**Figure 10**



**Figure 11**

**Requests By Type  
ICT - June 1, 2009 - August 31, 2009**



**Figure 12**

<b>Request Status Percentage Change June 2009 - August 2009 vs. June 2010 - August 2010</b>				
	June	July	August	Total
Yearly	154.1%	30.4%	256.7%	131.0%
Monthly	-45.3%	13.5%	43.1%	-6.7%
Weekly	-32.4%	161.2%	131.1%	36.2%
Daily	-29.9%	-9.2%	25.8%	-8.8%
Hourly	-9.6%	2.9%	-2.2%	-3.5%

## **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 will describe 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

Entergy began posting monthly Construction Plan project status reports on OASIS in the month of June. The reports capture changes made to the projects in the Construction Plan over the past month. For example, if a project is delayed, completed, or received approved funding status, the change to the project is included in the monthly report.

The 2010-2012 Entergy Construction Plan and ICT Base Plan were both updated twice this quarter. The first Construction Plan update, posted June 4, 2010, changed the funding status to “approved” for the project to add a second 500/230 autotransformer at the McAdams substation. The second Construction Plan update was posted July 30, 2010, and it reflected several completed projects, projects that received approved funding status, and projects that began construction. One project was replaced, one project was accelerated, and two projects were given “TBD” in-service dates and are being re-evaluated for the 2011-2013 Entergy Construction Plan and 2011 ICT Base Plan. All of these changes were reflected in the ICT’s 2010 Base Plan.

On July 28, 2010, the draft 2011-2013 Entergy Construction Plan was updated and posted on OASIS. The update included one new project, one replaced project, two delayed projects, and five projects that received approved funding status.

On July 1, 2010, the ICT posted the draft 2011 Reliability Assessment report which included an evaluation of Entergy’s Draft 2011-2013 Construction Plan and the results of the Low Hydro Load Pocket analysis performed by the Long Term Transmission Issues Working Group (LTTIWG). The ICT

presented high level results to the stakeholders at the July 21, 2010 LTTIWG meeting in Houston. After considering stakeholder input, the ICT finalized the Reliability Assessment and posted the report on Entergy's OASIS on August 4, 2010.

The ICT hosted the annual Transmission Planning Summit on August 11, 2010. At the Summit, presentations were given on Entergy's draft 2011-2013 Construction Plan, followed by the ICT's 2011 Reliability Assessment which evaluated the effectiveness of Entergy's plan, focusing on areas that still need to be addressed by Entergy. The ICT presented a report on the joint Entergy/SPP regional and interregional planning activities, particularly the Southeastern Regional Transmission Planning (SERTP) and Southeastern Inter-Regional Participation Process (SIRPP). The ICT also gave an update on economic studies, including the ICT Strategic Transmission Expansion Plan (ISTEP). In addition to the formal presentations, breakout sessions were held for each local area within Entergy's transmission system in order to facilitate discussion of transmission issues with stakeholders, Entergy, and the ICT planning staffs. Stakeholder comments were also solicited after the Summit. The stakeholders were instructed to submit any formal comments in regards to the Summit to the ICT and their comments will be posted on OASIS.

#### **4.3 10-Year Strategic Plan**

As previously reported, the economic studies for the projects in the ISTEP 2009 were completed and posted on Entergy's OASIS. Entergy's evaluation of the projects included in the ISTEP 2009 report is still ongoing and will be posted on SPP's website when completed. Accordingly, no action was taken on the ISTEP 2009 projects during this quarter.

The five (5) projects chosen to be included in the ISTEP 2010 study process were as follows:

- Conway Area
- North East Arkansas
- Mt. Olive – Hartburg voltage stability constraint
- Hartburg – Cypress 500 kV contingency
- ANO- Pleasant Hills for the loss of ANO-Mabelvale flowgates

The ISTEP 2010 projects will be processed under the following schedule: (i) power flow analysis in September 2010; (ii) GridView economic analysis in October 2010; (iii) final results of the economic studies by late fourth quarter 2010; and (iv) final report by early first quarter 2011.

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

As previously reported, the Stakeholder Policy Committee (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. Originally, SPP was to perform the study. However, at the request of stakeholders, the E-RSC determined that a comprehensive study of transmission alternatives should be performed by a third-party consultant.

Subsequently, the E-RSC WG recognized that not all units in the study were RMR. Therefore, the E-RSC WG established the MBPC Task Force (formerly the RMR Task Force) to develop a study scope, assumptions document, and a Request for Proposal (RFP) for the selection of a study consultant.

With the ICT's support, the MBPC Task Force completed a scope document for the MBPC study which included nine (9) high cost generation plants and sent a RFP to vendors. The MBPC Task Force is currently evaluating vendor proposals. An announcement on the selected vendor for the MBPC study will be made in September 2010. The MBPC study is scheduled to be completed by early second quarter 2011.

#### **4.5 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 2010 Entergy SPP RTO Regional Planning Process (ESRPP) were selected by stakeholders:

Two detailed step 2 studies:

- 1) Messick 500/230 kV Transformer
- 2) Turk-McNeil 345 kV Transmission Line

Three new high-level studies selected:

- 1) Arkansas IPP's (Hot Springs, Magnet Cove, and PUPP) to SPP South (AEP and OG&E) for 3000 MW
- 2) AEPW to Entergy Arkansas for 700 MW
- 3) Entergy Arkansas to AEPW for 700 MW

During this quarter, there was an ESRPP meeting to present the initial screening results of the high-level analysis for the 2010 cycle and present a detailed project description of the step 2 studies.

Stakeholders were asked to look over the limiting elements and recommend projects to alleviate overloads. Stakeholders are to provide their comments by September 30, 2010. Some results from the ESRPP's high-level studies will be available for stakeholders to evaluate by the end of October. The next ESRPP meeting is scheduled for the first quarter of 2011.

### Southeast

SPP is actively involved in the SERTP, formally called Southeast Regional Planning Stakeholders Group (RPSG). The second quarter meeting of the 2010 planning cycle was held on June 29, 2010. At that meeting, SERTP discussed the SERTP Sponsors' preliminary transmission expansion plan for the current ten year planning horizon. Stakeholders were given the opportunity to provide feedback and expansion plan alternatives for the Sponsors to consider. SPP continues to monitor this process for any incidental impact on Entergy.

SPP also participates in the 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. The SIRPP held their meeting for the 2011 planning cycle on June 15, 2010. At this meeting, the SIRPP presented the preliminary results for the five (5) economic studies requested by the stakeholders and solicited feedback/input on the proposed enhancements identified in the studies. On August 19, 2010, the SIRPP held a meeting to go over the final results of the economic studies. SPP will continue to monitor this process for any incidental impact on Entergy.

SPP also reports that no action was taken on the SIRPP 2009/2010 interchange/tie lines update and the SIRPP 2009/2010 Base Case Development during this quarter. SPP will continue to follow and participate in the study process as it affects the Entergy system.

### **4.6 Louisiana Public Service Commission (LPSC) Technical Conference**

As previously reported, the LPSC Transmission Task Force is evaluating the following concerns: the transmission study Planning Horizon; base case contingency overloads (BCCO); financial flowgate rights; use of undocumented operating guides; and a Joint Planning Study Process. The Task Force is also examining the results of Entergy's 2009 Economic Study Process that evaluated the projects in the ISTEP 2008 Final Report. The LPSC staff has not completed its final report of the Task Force for 2009. 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.

**4.7 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 by SPP and its contractors 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 20 percent cost estimate, 180 day limit for 10 percent cost estimate)

At the conclusion of this quarter (June 1, 2010 – August 31, 2010), there was one (1) active Feasibility Study project; no active SIS projects; and five (5) active FS projects being conducted by SPP. Additionally, the study process for one (1) generation interconnection project was completed. Two (2) new generation interconnection projects were also added to the GIRS queue during the reported quarter.

This section discusses the status of the GIRS for the quarter, including occurrences 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, SPP is required to consider the implications of all prior studies before commencing the next study in the queue. Accordingly, for many of the study delays, the cause of the delay involves events beyond SPP’s control.

**4.7.1** Figure 14 shows the fourteen (14) 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	FS Report Declared Final on 5/25/2010	LGIA Tendered 8/24/2010
223	Wind	125 MW	5/21/2008	FS delay letter was sent on 5/4/09	Customer Comments Received 5/12/2010	Awaiting Executed LGIA
224	Wind	100 MW	8/27/2008	FS delay letter was sent on 5/4/09	Customer Comments Received 5/25/2010	Awaiting Executed LGIA
226	Nuclear	206 MW	12/23/2008	LGIA Extension Letter issued 5/26/2010	Customer Requested Extension	Awaiting Executed LGIA
228	BIO	115 MW	2/2/2009	FS delay letters were sent on 10/29/2009 and 11/25/2009	LGIA Tendered 3/31/2010	LGIA Executed 8/24/2010
231	NG	31 MW	3/18/2009	SIS delay letter was sent on 8/4/09	FS Report Declared Final on 5/18/2010	Awaiting Tendered LGIA
233	Wind	150 MW	8/27/2009	FS Delay letters were sent on 7/2/2010 and 8/18/2010	SIS to Posted on 3/15/2010	Awaiting Posting of FS

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 and 8/17/2010	SIS Posted on 4/5/2010	Awaiting Posting of FS
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 and 8/17/2010	SIS Posted on 4/5/2010	Awaiting Posting of FS
244	Coal	13 MW	12/30/2009		FSA Executed 6/11/2010	Awaiting Posting of FS
246	Steam	37 MW	2/9/2010	SIS delay letters were sent on 5/18/2010 and 7/14/2010	FS Agreement Executed 7/19/2010	Awaiting Posting of FS
247	Wind	400 MW	4/19/2010	--	FBS Posted 8/6/2010	Awaiting Executed SISA
248	Steam	65 MW	6/9/2010	--	--	Withdrawn 8/11/2010
249	Wind	151 MW	6/18/2010	--	--	Withdrawn 8/17/2010

#### **4.8 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. These studies are performed by SPP planning personnel and SPP's contractors and must be completed in sixty (60) calendar days.

During the current reporting period, SPP completed six (6) SIS. Entergy and SPP also completed four (4) FS during this reporting period.

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

**4.8.2** SPP did not miss the sixty (60) day deadline for any FS.

**4.8.3** SPP had twenty-seven (27) 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:

74236776, 74236787, 74236794, 74236798, 74236807, 74260716\_74260719\_74260724,  
74260727\_74260738, 74260749\_74260755, 74260760, 74260770\_74262225, 74262233,  
74262289\_74262293, 74262302, 74262337\_74262339\_74262342, 74262360\_74262367,  
74305313, 75305315, 74305319, 74305331, 74305336, 74305339, 74356666, 74356659,  
74356698, 74356708, 74412181, and 74497622.

**4.8.4** Entergy and SPP had three (3) 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:  
74035217, 74191024, and 74233670.

## **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.

SPP anticipates that the WPP will evolve and improve over time as parties gain more experience with the process. Therefore, SPP will continue to monitor the WPP and, as appropriate, will recommend enhancements to the process.

### **5.2 WPP Issues Working Group (WPPIWG)**

Pursuant to the ICT Approval Order and the deliberation of the SPC, the WPPIWG was formed. Members include technical representatives from various Entergy stakeholders, Entergy, and SPP. The group meets monthly and reports its agenda and minutes to the SPC at their regular meetings.

During the past quarter, SPP focused on the operation and results of the WPP at the WPPIWG meetings held each month. In these meetings the following items concerning the WPP were discussed: weekly summaries of the WPP results, review of the WPP Quarterly Report, and a proposal to model QF puts in the WPP. A more detailed discussion of these items is provided below.

#### **5.2.1 WPP Results For June to August 2010**

As previously reported, SPP provides a summary of WPP results at each WPPIWG 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 a decrease in the total number of third-party supplier offers submitted and accepted and in the total MWs awarded through the WPP as compared to last quarter.

### **5.2.2 QF Modeling in the WPP**

In an effort to enhance WPP operations, SPP and Entergy presented stakeholders with a proposal to model QF puts in the WPP. Under the proposal, historical QF outputs would be used to develop forecasted QF puts on an hourly basis and those amounts would be put into the WPP model as self-scheduled purchases and injected into the transmission system at the bus level. SPP further explained that by directly modeling QF puts into the WPP it will reduce the Participating Network Customer's hourly flexibility requirement, increase the accuracy of the transmission power flows, and should improve the WPP model's unit commitment and dispatch.

During this quarter, SPP performed testing of the QF proposal, but could not produce the results due to a modeling issue. SPP corrected the modeling issue and plans to present the results at the WPPiWG meeting in September. SPP also committed to provide stakeholders with numerical examples to illustrate how the QF proposal will work at the next WPPiWG meeting. Further, SPP agreed to examine an alternative zonal hourly flexibility concept and compare the two methods. In contrast to the QF put method that directly models forecasted QF bus specific injections, the zonal hourly flexibility method simply limits the flexibility contributions to resources located in regions of expected QF puts.

### **5.3 WPP Quarterly Report For March to May 2010**

In accordance with the Commission's order in Docket No. ER09-555, the ICT filed a quarterly report on the WPP's operations and savings on June 15, 2010, for the period March to May 2010. As reported, the WPP's quarterly results show that the total number of third-party supplier offers accepted through the WPP increased from those reported last quarter. Likewise, the total MWs awarded through the WPP increased over the same period. As a result, the WPP achieved a higher level of estimated production cost savings this quarter than in the last reporting period. Based on SPP's assessment of the data, two key factors contributed to the increased number of third-party supplier offers accepted and MWs awarded. First, SPP's continued operational experience as well as improvements and enhancements to the overall process have helped the WPP and Security Constrained Unit Commitment (SCUC) model perform more efficiently and reliably resulting in better evaluation and ultimate acceptance of third-party supplier offers in the WPP. Second, there were a number of outages on Entergy's system. The combination of these factors increased the value and competitiveness of the third-party suppliers' offers relative to Entergy's existing legacy units. SPP also reported that March 2010 represented the end of the first full year of WPP operations. As a result, SPP provided an aggregation of the year's metrics that showed the total estimated savings for the first year of the WPP's operations was more than \$17.5 million. SPP also reported that the historical comparison provided in prior reports will no longer be

feasible because the 12-month comparison of pre- and post-WPP has been completed. More details and analysis on the quarterly results of WPP's operations and savings can be found in the filed report. The filing date for the next WPP quarterly report is September 15, 2010.

## **6. Entergy Regional State Committee (E-RSC)**

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.

### **6.1 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 several in-person meetings and conference calls with staff and Entergy stakeholders to discuss the issues being considered by the E-RSC.

### **6.2 E-RSC Meetings**

The E-RSC held face-to-face meetings in June and August of 2010. During these meetings, the following items were discussed: (i) Entergy's use of legacy generation units; (ii) E-RSC authority including directive filing rights; (iii) potential enhancements to the ICT; (iv) the WPP; (v) congestion and TLR events; (vi) QF Puts; (vii) RMR units; and (viii) transmission expansion.

In addition, the E-RSC will examine the results of the FERC sponsored cost benefit analysis and any addendum studies being performed as well as consider any necessary enhancements to the ICT. See section 1.5.1. Also, the E-RSC will examine the level of authority granted to the E-RSC pertaining to construction projects and cost allocation for the Entergy region.

Full transcripts of all E-RSC meetings can be found at:  
<http://www.spp.org/section.asp?group=1630&pageID=27>

### **6.3 E-RSC Metrics**

At the request of the E-RSC, SPP produces a metrics report each month 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. Transmission utilization results are reported for Firm, Non-Firm, and Network requests. In addition, SIS, FS, and GIRS that are in progress, granted and completed during the past year are shown on a quarterly basis. The most recent July Metrics Report is presented as Attachment 3. For future reference, the E-RSC metrics can be accessed at:

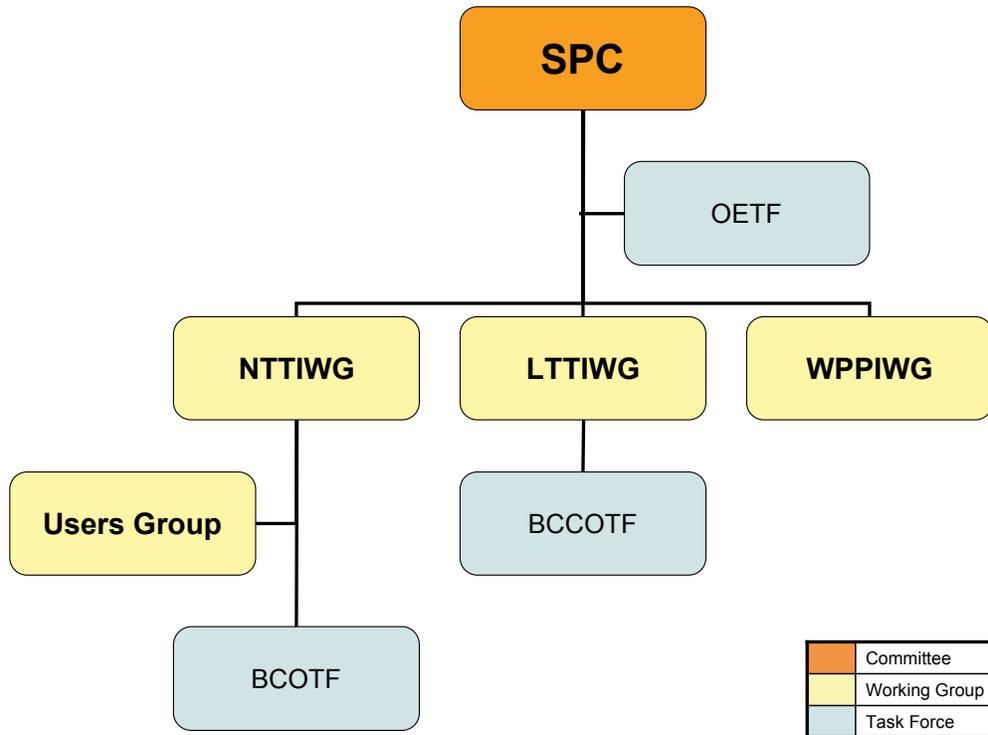
<http://www.spp.org/section.asp?group=1629&pageID=27>

## **7. Stakeholder Process**

### **7.1 SPC Organization Chart**

The following chart displays the current organization of the various stakeholder groups that make up the stakeholder process that was mandated in the ICT Approval Order. At the top of the chart is the SPC. The SPC is a broad committee of all interested Entergy stakeholders that makes specific recommendations to SPP based on the consensus of the group. Next, various permanent working groups exist under the direction of the SPC, including the NTTIWG, the LTTIWG, the WPPIWG, and the Users Group (which is formed as an adjunct to the NTTIWG). Each working group is designed to investigate technical issues and make recommendations for the SPC to consider. The working groups also have the ability to form temporary task forces that study discrete issues and present findings back to the working group. As shown in the third level of the chart, two such groups are the Base Case Overload Task Force (BCOTF), which is formed under the NTTIWG, and the Base Case Contingency Overload Task Force (BCCOTF), which is formed under the LTTIWG. At the April 23, 2009 SPC meeting, it was decided to re-engage the Operational Efficiency Task Force (OETF) to look specifically at the issue of one-stop shopping (i.e., utilizing one OASIS site and a single TSR to reserve transmission on the Entergy and SPP systems) that was re-introduced during the RPTF study process.

Further, during this quarter, stakeholders, Entergy, the ICT, and the E-RSC agreed to examine the current structure of the SPC to determine whether changes needed to be made to increase the efficacy of the committee and to prevent duplication of work on issues jointly addressed by the E-RSC. To this end, the SPC formed a Charter Review Task Force to propose changes to the SPC structure and format, consider whether any changes to the Entergy tariff would be required to implement the new structure and report back to the SPC. This group met informally via teleconference and face to face on numerous occasions. A description of the changes proposed by the task force and accepted by the SPC at an August 26, 2010 SPC teleconference are further described in Section 7.3.2 below.



## 7.2 IssueTrak Update

As previously reported, SPP implemented IssueTrak to help manage stakeholder communications with SPP. The SPP IssueTrak can be viewed at: [www.spp.issuetrak.com](http://www.spp.issuetrak.com).

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.

Since the last report, a total of eight (8) new issues have been entered into IssueTrak. Figure 15 below shows the breakdown of the new issues by ICT department.

**Figure 15**

**Issues Received by IssueTrak  
March - May 2010**

<b>Contract Services – General</b>	<b>0</b>
<b>Planning</b>	<b>3</b>
<b>Reliability</b>	<b>1</b>
<b>Tariff</b>	<b>4</b>
<b>WPP</b>	<b>0</b>
<b>Total</b>	<b>8</b>

The statistics for June through August 2010 are below:

A total of eight (8) new issues were assigned this quarter:

- Disposition:
  - Six (6) issues have been closed with an average close time of 3.6 days
  - Two (2) remain open and have been open for an average of 17.8 days
  
- For the six (6) that were closed by the end of August:
  - Priority:
    - 1 was marked Critical
    - 2 were marked High
    - 3 were marked Medium
  
- For the two (2) that were in opened status at the end of August:
  - Priority:
    - 1 was marked High
    - 1 was marked Medium

### **7.3 SPC Meeting Reports**

- 7.3.1** July 21, 2010, SPC Meeting- Sheraton North, Houston, TX. Twenty-eight (28) attendees participated in person or on the phone. Meeting minutes and all meeting attachments are provided in this report. See Attachment 4.

### Review of the SPC Charter

A large portion of the meeting was dedicated to the discussion and review of the SPC charter and possible structure revisions that could be made to improve the functions of the ICT and the ICT working groups in relation to the functions of the E-RSC. An explanation of the SPP RTO structure versus the ICT structure was also given. At this meeting, further action was recommended to determine if tariff changes would be necessary for revisions of the SPC charter and to review the functions of the ICT working groups within the framework of the SPC and the E-RSC WG. Consequently, a Task Force was formed to examine these issues and to draft proposed revisions to the SPC charter. See section 7.3.2.

### Regulatory Update

SPP reported that the Commission approved, with modifications, the SEAMS agreement between SPP and Entergy on June 15, 2010. See section 1.5.2. Also, Entergy stated a filing was made with the LPSC concerning the ICT contract end date. The filing states the decision is still pending.

### Working Group Reports

SPP presented additional updates from the NTTIWG, LTTIWG, WPPIWG, and Users Group teams. Those presentations are included in the SPC meeting minutes and attachments referenced therein. Additional details can also be found in the discussion provided in sections 3, 4, 5, and 9, respectively.

- 7.3.2** August 26, 2010 SPC Meeting via Net Conference. Twenty-one attendees participated in the meeting. Meeting minutes and all meeting attachments are provided in this report. See Attachment 5.

This meeting was dedicated to discussing the Task Force's proposed revisions to the SPC charter. At that meeting, the SPC approved the revised SPC charter. As a result, a new SPC structure was implemented on August 26, 2010, that disbanded the permanent working groups (the LTTIWG, NTTIWG, and WPPIWG) and instituted a new process for the creation of specific task forces to address issues of interest to the SPC. In recognition of this change, a SPC meeting is scheduled for September 2010 for the disbanded ICT working groups to present their on-going action items for SPC consideration on whether continued action on these pending matters should be addressed by the SPC through its task forces or by the E-RSC through the E-RSC WG.

#### 7.4 OETF Update

As previously reported, the OETF determined that the Transmission Request Advocacy Assistance and Coordination (TRAAC) Proposal constituted an interim Phase One solution, and that a more permanent Phase Two solution was a comprehensive Entergy-SPP seams agreement that incorporates formal One Stop Shop functionality.

The OETF also adopted a new Customer Assistance Process that would provide a One Call – One Contact approach to provide some of the services and data requested as part of the TRAAC Proposal. The key points of the One Call-One Contact approach are:

- All communications are received through the SPP Customer Relations (CR) department and distributed directly to designated point(s) of contact within the Transmission Customer's company.
- Key dates and study status information will be provided by both the SPP RTO Tariff Studies and ICT Planning groups to the SPP CR group to be communicated to the Transmission Customer.
- All questions or concerns submitted by the Transmission Customer will be received by the SPP CR group, passed to the SPP RTO Tariff Studies and ICT Planning groups for direction, and responses are communicated by the SPP CR group directly back to the Transmission Customer.

The SPP CR group contact information and a comprehensive overview of the Customer Assistance Process are posted on the OETF website. Additional comments and input will be provided after the OETF has reviewed the results of the process. Due to the changes to the SPC structure, it is anticipated that the OETF and its work on the Phase One solution will be discussed at the upcoming SPC meeting and the SPC will decide how to proceed with the activities of the OETF.

## 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 working group meetings and all written material will be considered a formal communication. Stakeholder communication on issues currently under consideration in the stakeholder process must be presented at stakeholder and working group 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 communication. All communication required to be posted pursuant to FERC regulations shall be sent to SPP as required and will be considered formal communication.

Stakeholders should be actively engaged in the SPC meetings and may also have representatives at the working groups. 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 communication.

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 March 25, 2010, Becky Turner, on behalf of Entegra Power Group, LLC, sent a formal communication to SPP with a series of questions regarding Entergy's Local Planning Criteria. After receiving further information from Entergy, SPP responded to the formal communication on June 2, 2010. See Attachment 6.
- 8.1.2** On June 9, 2010, Becky Turner, on behalf of Entegra Power Group, LLC, sent a formal communication to SPP to follow-up on the answers received from SPP and Entergy on June 2, 2010 in response to the formal communication on March 25, 2010. See Attachment 7. SPP is waiting on clarification from Entergy, and therefore, has not yet responded to the follow up questions during the period covered by this report. SPP's response will be reflected in the next quarterly report.
- 8.1.3** On July 23, 2010, Becky Turner, on behalf of Union Power Partners, sent a formal communication to SPP regarding the Retrospective Generation Interconnection Analysis (RGIA) Phase 2 performed by the ICT. SPP had not yet responded to the formal communication during the period covered by this report. SPP's response will be reflected in the next quarterly report.

## **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 was performed by SPP on August 31, 2010. However, the Users Group’s report was not completed during this reporting period and will not be presented to the Users Group and the SPC until September. Therefore, SPP will include its discussion and copy of the report for the on-site assessment in conjunction with the next ICT Quarterly Report.

### **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 the occurrences by Entergy of 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 alleviate incompleteness and 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 June 3, 2010, Docket No. ER05-1065-000: Report of AFC Related Errors*

##### **Modeled Reservation File**

On May 24, 2010, SPP identified and Entergy confirmed that the modeled MW capacity in the "MOD file" was inconsistent with actual modeled MW capacity in the base flow MW sent to webTrans. This error had the potential to affect certain reservations in the Operating and Planning Horizons.

Upon investigation, Entergy reported that the issue existed in limited circumstances. Therefore, the issue did not impact RFCalc's ability to model reservations correctly and it did not impact base flow calculations or response factors in RFCalc. Entergy stated that the error was introduced with the implementation of webTrans on September 28, 2009. See Attachment 8.

##### **Load Schedules for External Control Area**

On May 20, 2010, Entergy identified an error in the manual process to update the load forecast for some external control areas. As a result, an incorrect load forecast value for these areas was used from May 19, 2010 until the error was corrected on May 20, 2010. Entergy reported that the error may have impacted base flow values for the Operating

and Planning Horizons. However, Entergy could not determine the specific impact to TSRs during this period.

Entergy reported that it took the following corrective actions to mitigate this issue; (1) scripts were modified to eliminate the manual step for file renaming; (2) a control point was added after the first script creates the file containing 7-day loads to ensure the data used is valid. Additionally, as part of this control point, a spreadsheet was created to compare values to ensure a wider sample of areas from all different sources will be captured and the correct files are being used; and (3) a checklist was created and added to the procedure to further mitigate the likelihood of human error. See Attachment 8.

#### **EMS Network Model**

On May, 20, 2010, a topology error in the network model used in the Operating and Planning Horizons was identified during the WPP quality checks. In particular, the model was incorrectly showing a substation out of service for all time points in the RFCalc.

Upon investigation, Entergy reported that a breaker connecting the load at the station to the rest of the system was incorrectly designated as normally open in the network model resulting in the RFCalc model being incorrect. The error existed from May 13, 2010, until it was corrected on May 25, 2010. Entergy reported that the error may have impacted the base flow and response factors for the Operating and Planning Horizons; however, the impact, if any, would have been minimal because the load was only approximately 20 MW. Entergy identified no corrective actions for this issue. See Attachment 8.

#### **Inconsistent AFC Values**

On May 21, 2010, Entergy identified an error in webTrans. In particular, Entergy determined that webTrans was not properly removing "Recall credits" resulting in the AFCs to be incremented which caused a resource to be oversold for most hours on May 24, 2010. SPP implemented a manual workaround on May 21, 2010, that continued until a software fix was put in production on May 24, 2010. Entergy reported that this error potentially impacted the Operating, Planning, and Study Horizons, but it could not determine the specific impact to TSRs during this period. See Attachment 8.

SPP reviewed each of these issues with Entergy during the August audit. However, the Users Group's report was not completed during this reporting period. Therefore, SPP's assessment of these matters will be included in the next ICT Quarterly Report.

9.3.2.2 *June 24, 2010, Docket No. ER05-1065-000: Report of AFC Related Errors*

**Network Model Reservation File**

On June 10, 2010, Entergy identified an issue with the EMS Network Model incorrectly identifying the Plum Control Area's only generator as an IPP. This resulted in RFCalc not modeling the generator as an Automatic Generation Control (AGC) unit. The Plum generator is defined as an area type source in RFCalc and RFCalc requires at least one generator on AGC in the control area to model any reservations and schedules on area type sources. Because of this error, the Plum area had no generator on AGC. Thus, RFCalc was unable to model any reservation and schedules with Plum as a source in the Operating and Planning Horizons starting on May 10, 2010, until the error was corrected on June 11, 2010. For corrective action, Entergy reported that it will convert the Network Model User Guide to a procedure and develop checklists along with periodic reviews to ensure that procedure is followed. Entergy anticipates this corrective action will be completed by October 31, 2010. Entergy could not determine the specific impact, if any, to TSRs during this period. See Attachment 9.

SPP reviewed this issue with Entergy during the August audit. However, the Users Group's report was not completed during this reporting period. Therefore, SPP's assessment of this matter will be included in the next ICT Quarterly Report.

9.3.2.3 *July 1, 2010, Docket No. ER05-1065-000: Report of AFC Related Errors*

**Network Model Reservation File**

On June 18, 2010, Entergy identified that the participation factor used in the AFC process contained Willow Glen Unit G5 instead of G4. As a result, the participation factor for Willow Glen Unit G4 was incorrectly set. Since July 2009, Willow Glen Unit G5 had been placed on inactive reserve and was not used in response factor calculation since it was modeled as offline. Entergy discovered this issue during software testing and corrected the error on June 18, 2010. Entergy reported that the impact on the response factors calculated for paths with Entergy's Energy Management Organization (EMO) as the sink would be minimal since this was only one unit with an incorrect participation factor out of a total of 57 units used in the EMO sink. See Attachment 10.

SPP reviewed this issue with Entergy during the August audit. However, the Users Group's report was not completed during this reporting period. Therefore, SPP's assessment of this matter will be included in the next ICT Quarterly Report.

9.3.2.4 *July 8, 2010, Docket No. ER05-1065-000: Report of AFC Related Error*

**Duplicate Flowgates**

On June 24, 2010, SPP identified and Entergy confirmed an error in the file containing the response factors and base flows for the Operating and Planning Horizons. In particular, the data in the file created by RFCalc contained duplicate flowgates with incorrect response factors for several transfer paths for certain hours/days of resync.

Upon investigation, Entergy determined that an error existed in a piece of code that was deployed into production on June 21, 2010. Entergy implemented a temporary fix until a permanent software fix was developed by the vendor, tested, and deployed on July 13, 2010. Entergy reported that this issue may have potentially impacted Firm and Non-Firm reservations in the Operating and Planning Horizons that were queued between June 21, 2010, and June 25, 2010. See Attachment 11.

SPP reviewed this issue with Entergy during the August audit. However, the Users Group's report was not completed during this reporting period. Therefore, SPP's assessment of this matter will be included in the next ICT Quarterly Report.

9.3.2.5 *July 28, 2010, Docket No. ER05-1065-000: Report of AFC Related Error*

**Incorrect Modeling of Stack Reservations**

On July 12, 2010, Entergy identified an error in the way RFCalc was using the stack reservation files in the Planning Horizon. The duration of reservations specified in the peak hour may span the off-peak hours and vice versa; however, RFCalc should only model the reservations as specified by the customer in the stack file.

Upon investigation, Entergy determined that due to a software error RFCalc was using some peak hour reservations to meet the network customer load in an off-peak time point. Entergy discovered this error was introduced in an April 2009 code release. Entergy implemented a manual work around on July 13, 2010 until a permanent software fix for the issue was put in place on July 21, 2010. Entergy reported that this issue only affected certain reservations modeled in the Planning Horizon where Entergy's EMO was

the sink. At this time, Entergy cannot determine the specific impact of this error on AFC values. See Attachment 12.

SPP reviewed this issue with Entergy during the August audit. However, the Users Group's report was not completed during this reporting period. Therefore, SPP's assessment of this matter will be included in the next ICT Quarterly Report.

*9.3.2.6 August 13, 2010, Docket No. ER05-1065-000: Report of AFC Related Error.*

**EMS Network Model**

On July 30, 2010, SPP identified and Entergy confirmed an error in the network model. In particular, Entergy discovered that twelve (12) breakers were incorrectly designated as normally open in the network model for the Operating and Planning Horizons. This resulted in an incorrect modeling of outages in the RFCalc. Entergy reported that this error may have impacted the base flow and response factors in the Operating and Planning Horizons; however, the impact would have been minimal because only four of the incorrectly modeled breakers resulted in a total loss of 25 MW. The other incorrectly modeled breakers resulted in topology changes, but no loss of load. For corrective action, Entergy is reviewing normally open breakers to determine if additional breakers are modeled incorrectly. When this review is completed, Entergy will share the results with the Commission, SPP, and the Users Group. Further, Entergy proposes to use this review to establish a baseline to perform an annual review on breakers in the network model. See Attachment 13.

SPP reviewed this issue with Entergy during the August audit. However, the Users Group's report was not completed during this reporting period. Therefore, SPP's assessment of this matter will be included in the next ICT Quarterly Report.

**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 working groups referenced in section 7.

# Attachment 1

## **ATC/AFC Stakeholder Issues/Questions**

**September 1, 2010**

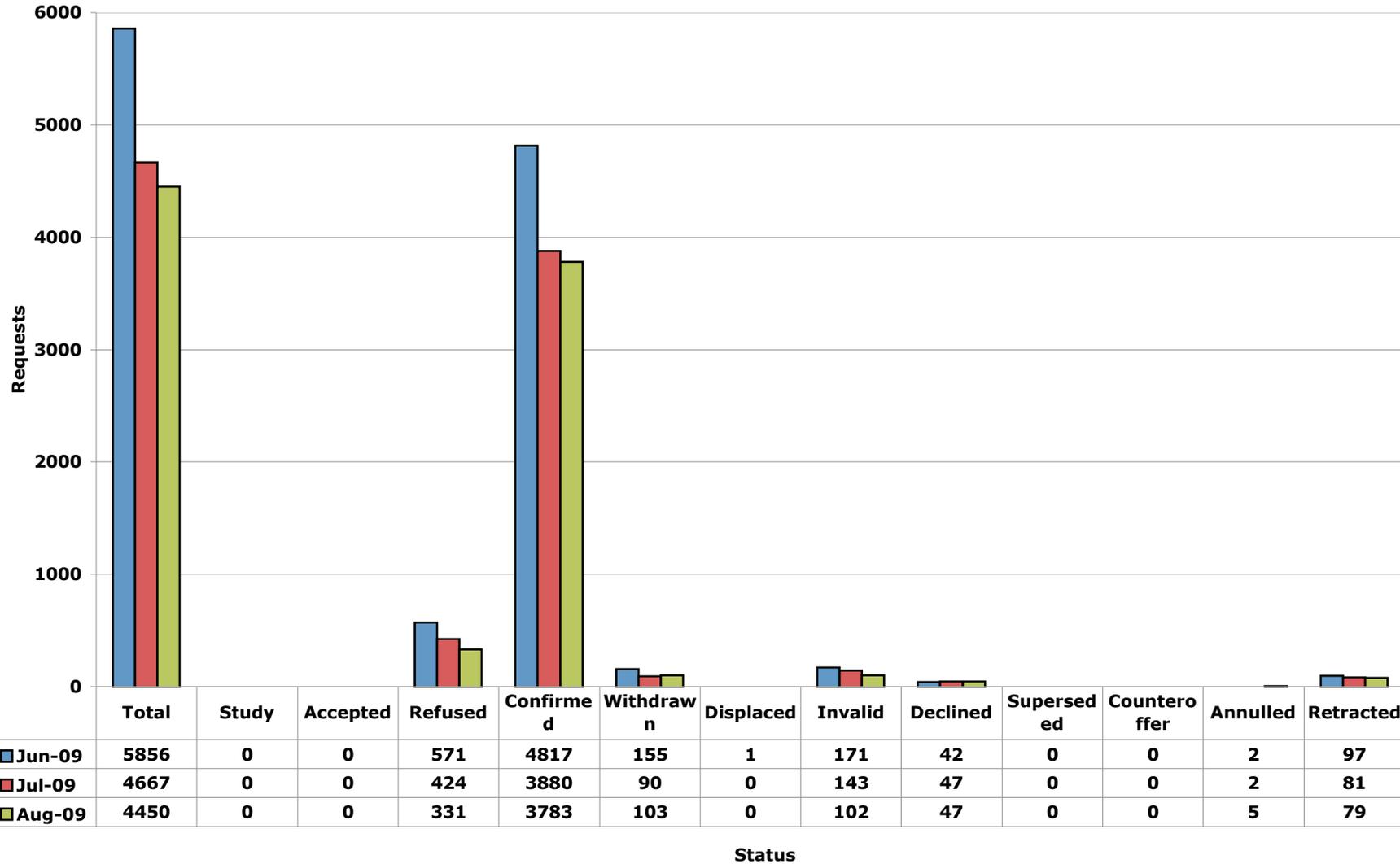
1. Improve interregional coordination and representation of neighboring systems in the daily AFC models.
2. Improve generations dispatch in AFC models so that forecasted MW flows are consistent with flows on the operating day.
3. Improve coordination between Tariff Administration and Reliability Coordination processes. These two processes need to be in synch especially in the day-ahead and operating day timeframes. The purpose of this is to prevent overselling of transmission service.
4. Speed-up the process to incorporate new flowgates in the AFC process so that Tariff Administrators do not oversell a flowgate in TLR because the flowgate was not included in the AFC model.
5. Fix Base Case Contingency Overloads in AFC models.
6. Resolve the QF put modeling issue in the AFC models.
7. Complete AFC benchmark effort and distribute findings and recommendations to stakeholders.
8. Finalize policy on timeframe to incorporate approved transmission upgrades in the AFC models. A proposal was developed by the AFC Improvement Task Force.
9. Review modeling assumptions to calculate Transfer Distribution Factors (TDFs) and determine whether changes are needed especially for small network customers.
10. Finalize policy on use of automatic operating guides in the calculation of AFCs.
11. Proposal to include transmission projects in the current Entergy Construction Plan that are scheduled for completion within a xxx month period.
  - a. Eliminate time-lag for insertion into model
12. Improve the current, official notification timeline for new transmission projects to be placed in the AFC/ATC calculation process. Consider a monthly or as-

needed basis. This could be distributed to market participants via a defined e-mail list to ensure prompt (real-time) market notification.

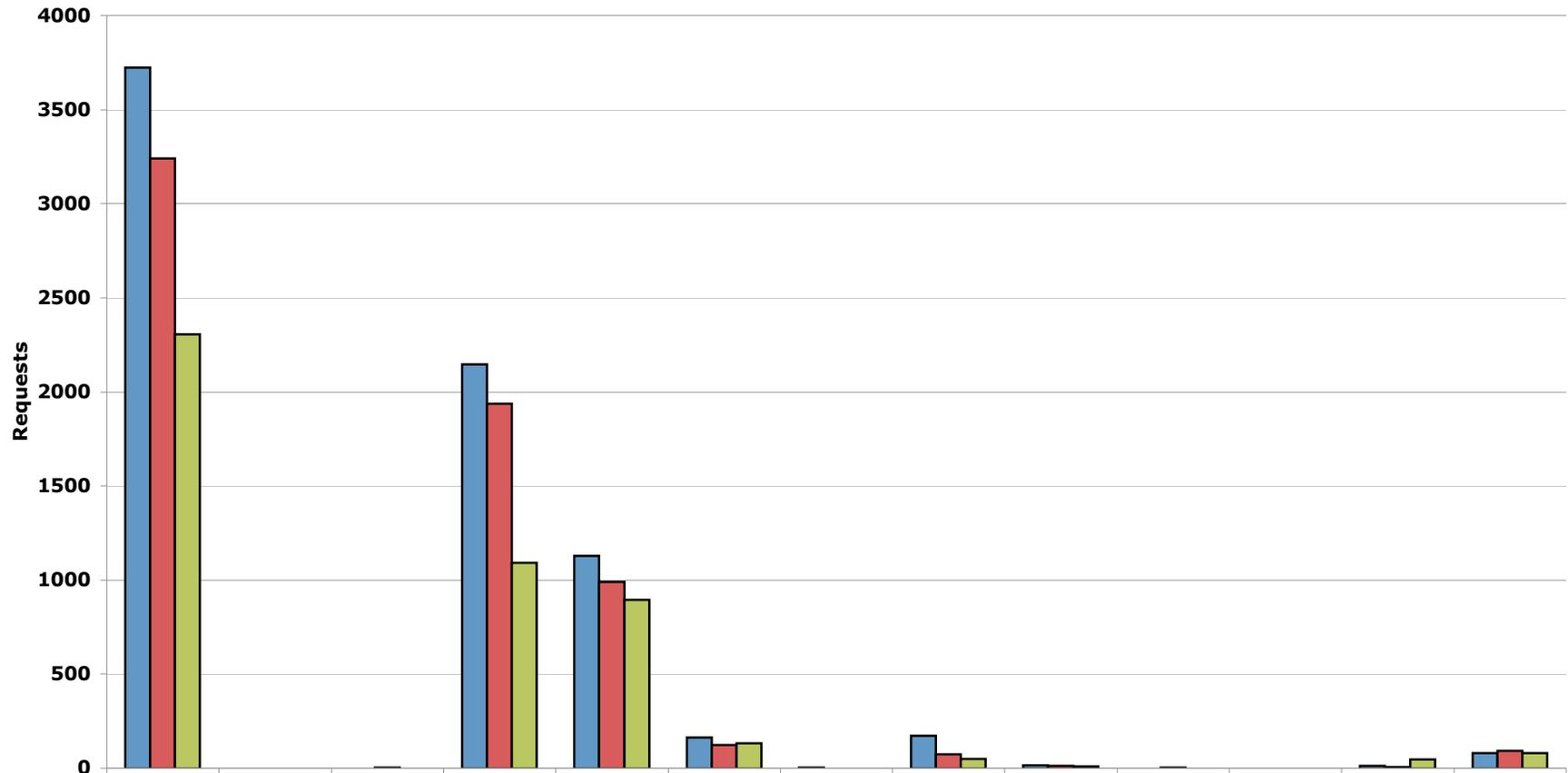
- 13.Improvements in scheduled transactions (TIE FLOWS) outside the Entergy footprint that affect AFC/ATC Calculations.
  - a. Estimation of ATC on seams transactions
- 14.Update stability runs that limit transmission lines below their thermal rating.
  - a. Calculated limit is currently used throughout the year
  - b. Consider seasonal or more frequent reviews
- 15.Improve coordination between real-time operations and AFC/ATC calculation.  
Example: Over selling of transmission system during TLR/LAP declarations.
- 16.Review enforcement of load pocket requirements during AFC/ATC calculations and possible improvements to this process.
- 17.How are case studies developed for AFC/ATC calculation, checked for accuracy in terms of line ratings, generator max/min capability, etc?
- 18.Investigate the possibility of using a short-term higher transmission line rating for hourly/daily transmission service.

## Attachment 2

## Request Comparison - Hourly Requests ICT - June 1, 2009 - August 31, 2009



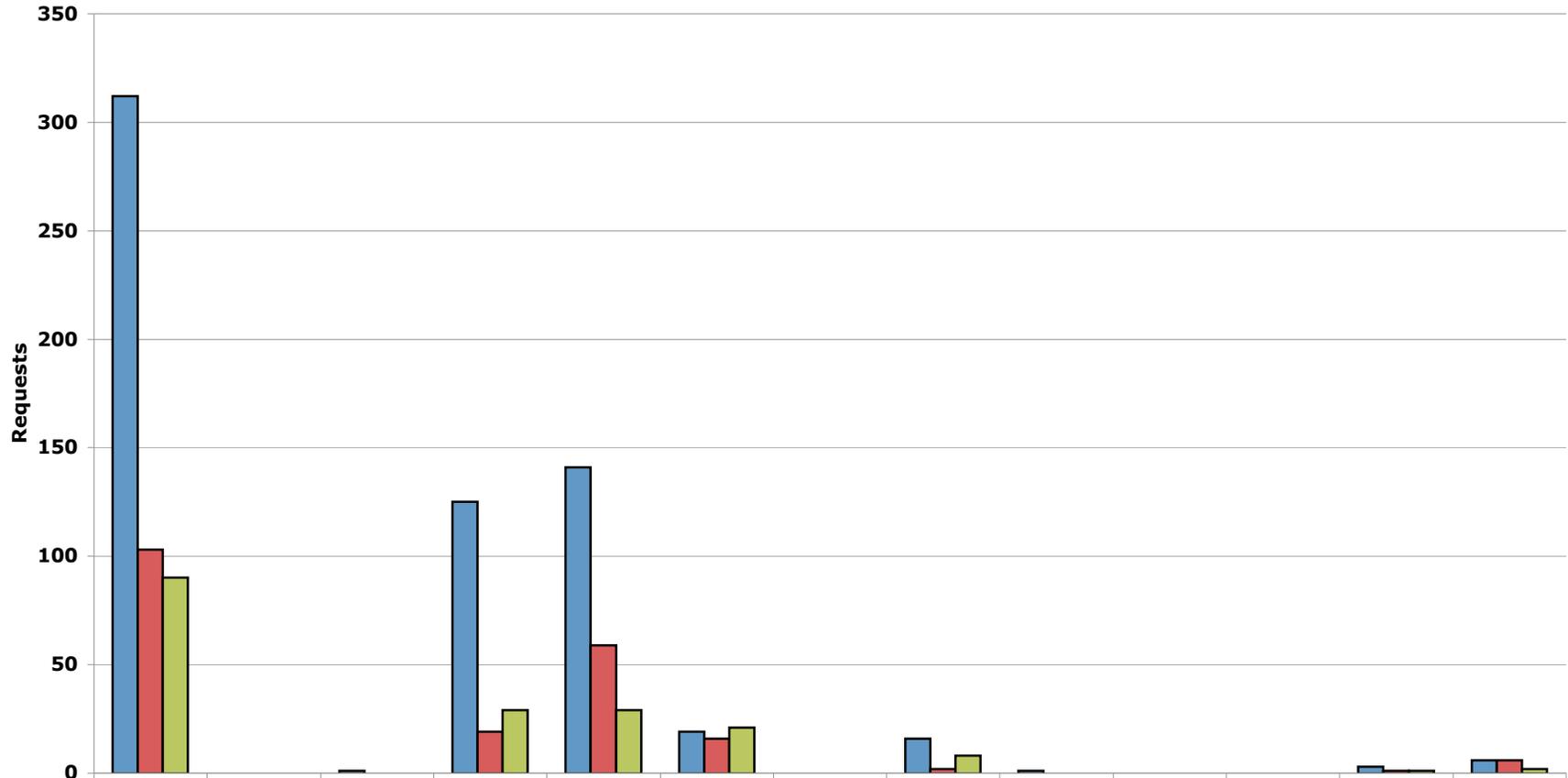
## Request Comparison - Daily Requests ICT - June 1, 2009 - August 31, 2009



	Total	Study	Accepted	Refused	Confirmed	Withdrawn	Displaced	Invalid	Declined	Superseded	Counteroffer	Annulled	Retracted
■ Jun-09	3724	0	0	2146	1129	164	4	173	16	1	0	12	79
■ Jul-09	3240	0	2	1938	989	123	0	74	13	2	0	6	93
■ Aug-09	2305	0	0	1093	896	133	0	49	8	0	0	47	79

Status

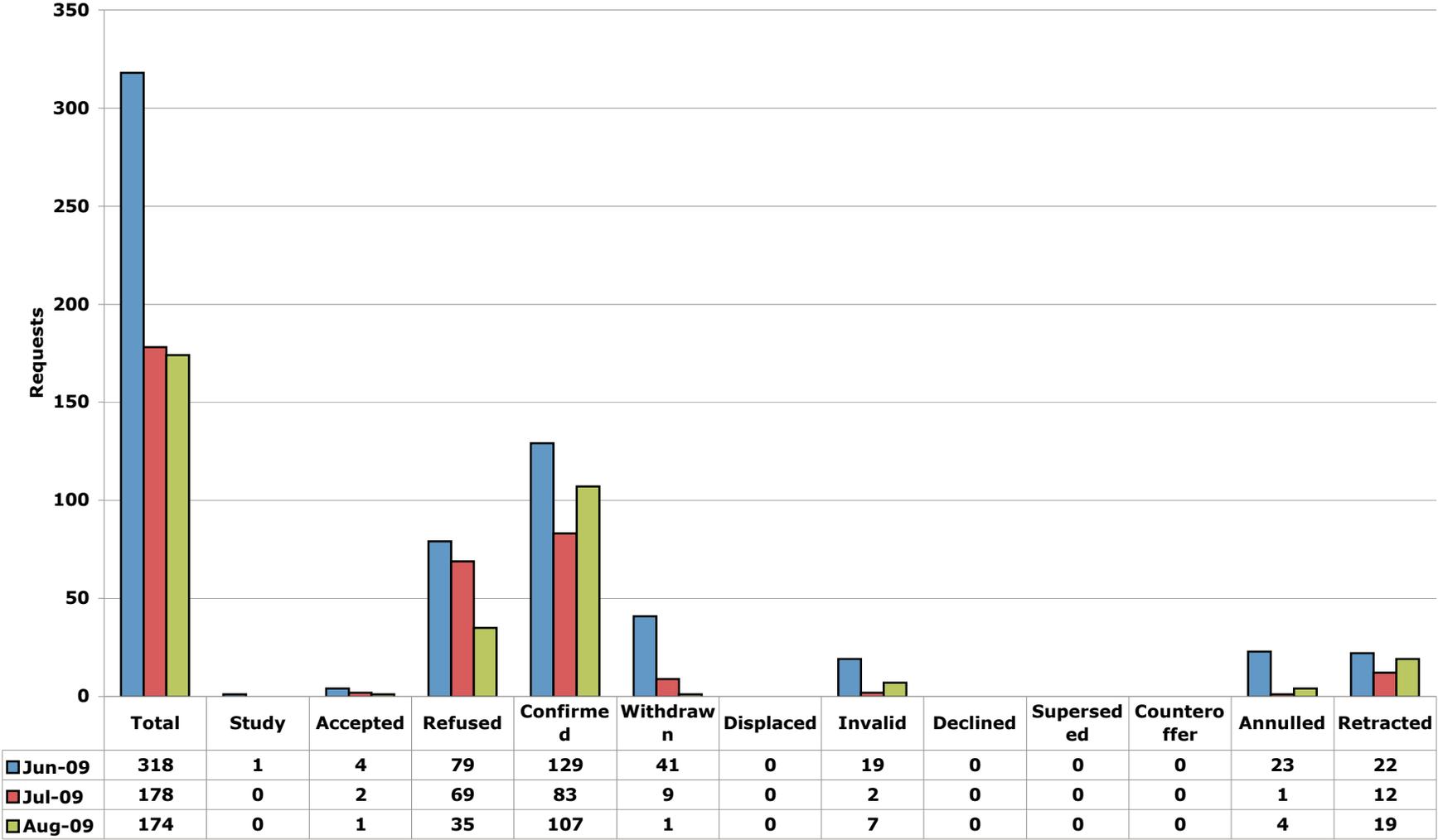
## Request Comparison - Weekly Requests ICT - June 1, 2009 - August 31, 2009



	Total	Study	Accepted	Refused	Confirmed	Withdrawn	Displaced	Invalid	Declined	Superseded	Counteroffer	Annulled	Retracted
Jun-09	312	0	1	125	141	19	0	16	1	0	0	3	6
Jul-09	103	0	0	19	59	16	0	2	0	0	0	1	6
Aug-09	90	0	0	29	29	21	0	8	0	0	0	1	2

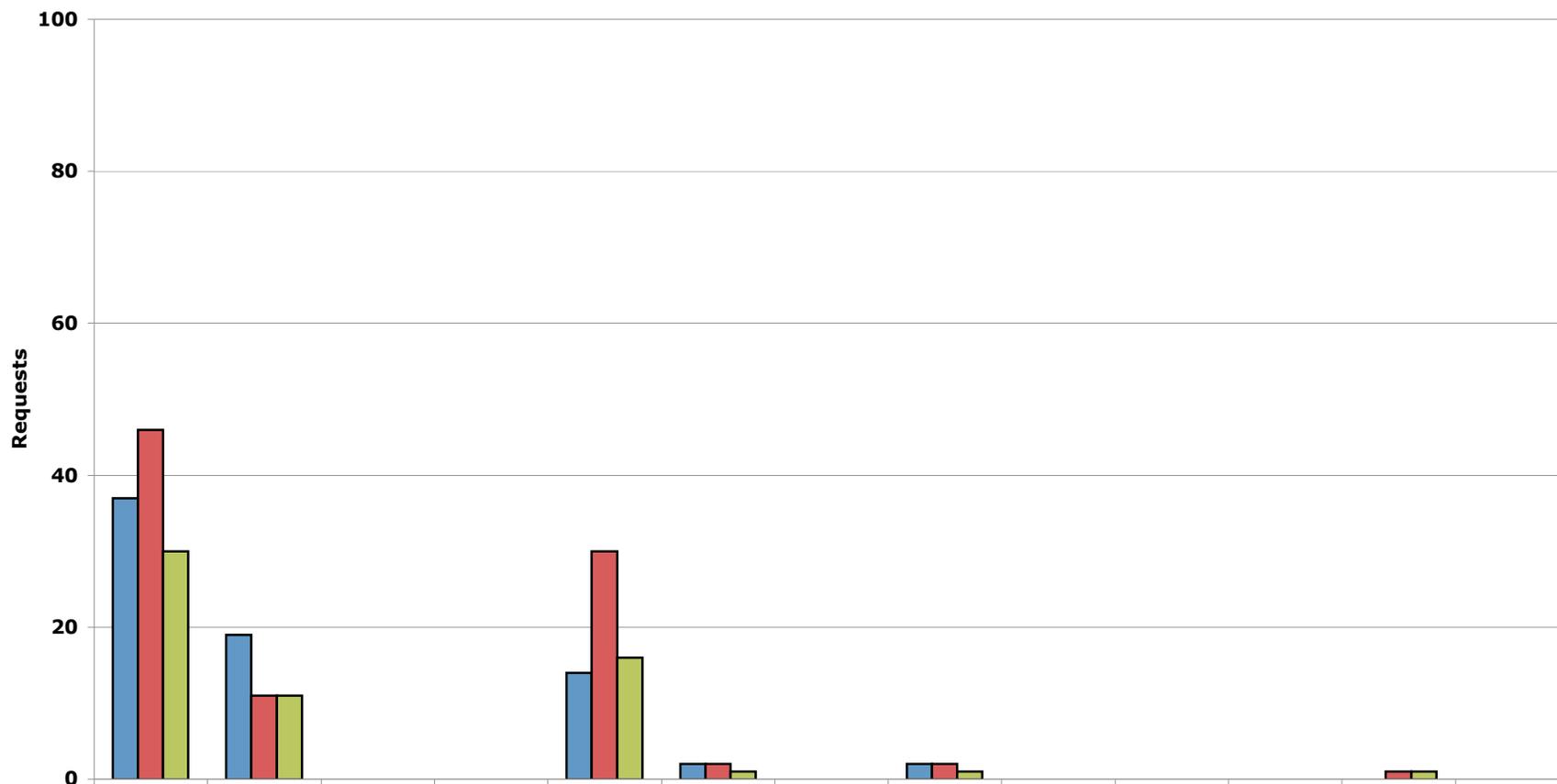
Status

## Request Comparison - Monthly Requests ICT - June 1, 2009 - August 31, 2009



Status

## Request Comparison - Yearly Requests ICT - June 1, 2009 - August 31, 2009

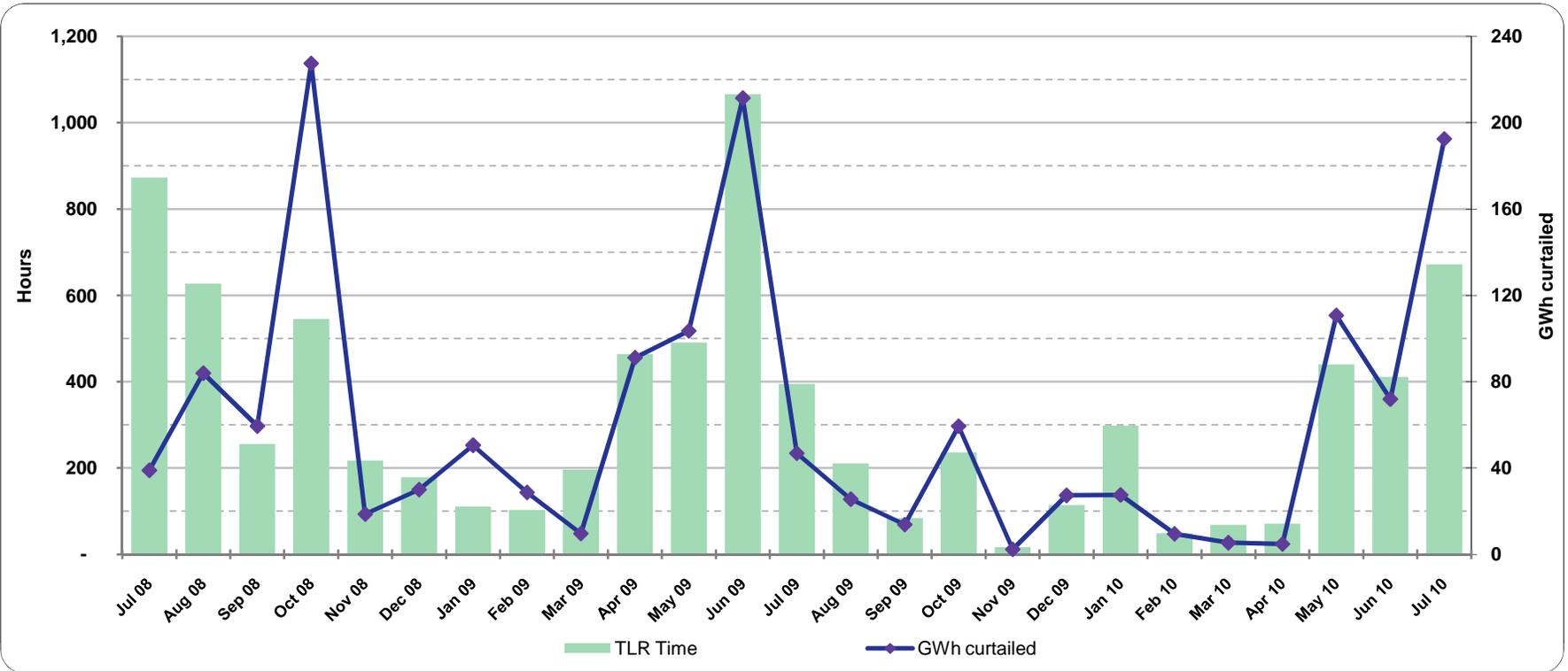


	Total	Study	Accepted	Refused	Confirmed	Withdrawn	Displaced	Invalid	Declined	Superseded	Counteroffer	Annulled	Retracted
Jun-09	37	19	0	0	14	2	0	2	0	0	0	0	0
Jul-09	46	11	0	0	30	2	0	2	0	0	0	1	0
Aug-09	30	11	0	0	16	1	0	1	0	0	0	1	0

Status

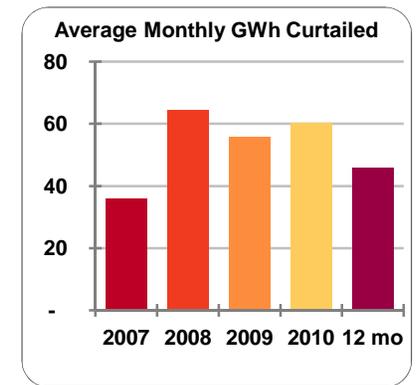
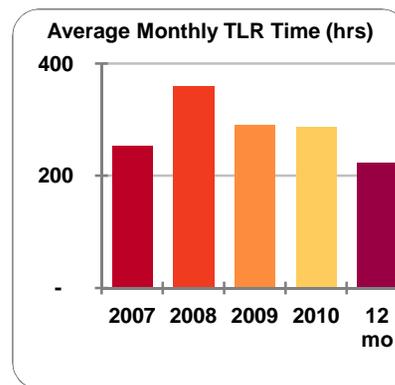
## Attachment 3

1a. Congestion - TLR Time and Curtailments

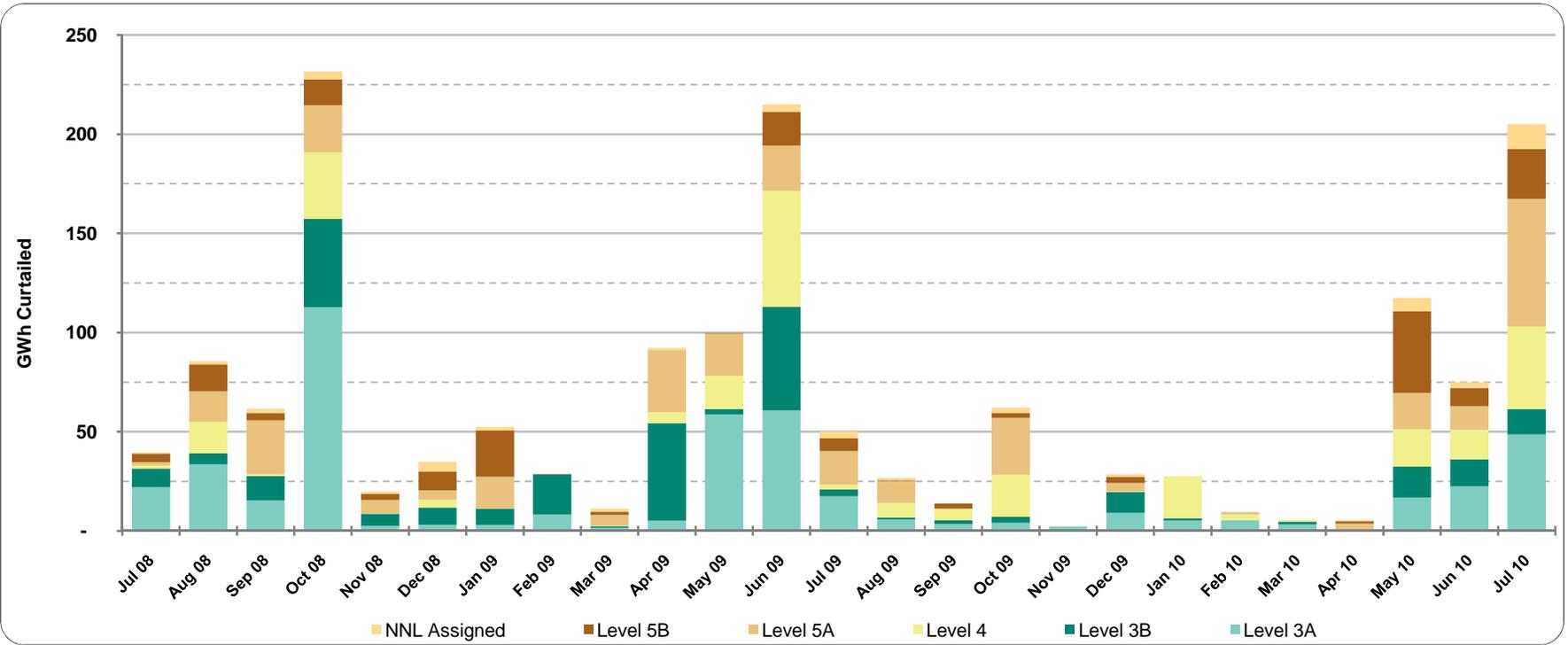


	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
TLR Time (hours)	395	211	84	236	17	114	298	49	68	71	440	411	672
GWh curtailed	46.8	25.6	13.8	59.4	2.3	27.3	27.6	9.5	5.4	4.8	110.7	71.9	192.5

	2007	2008	2009	2010	last 12 months
TLR Time (hours)	252	359	291	287	223
GWh curtailed	36	65	56	60	46
<b>Monthly Average</b>					



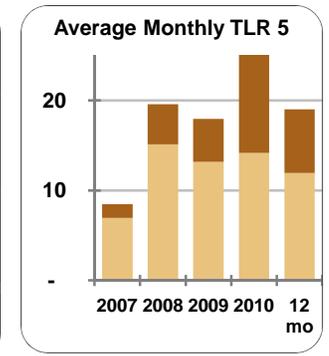
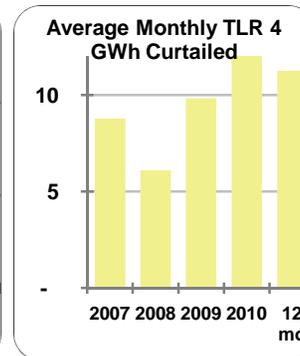
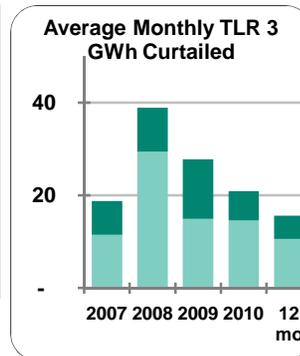
1b. Congestion - by TLR Level (GWh)



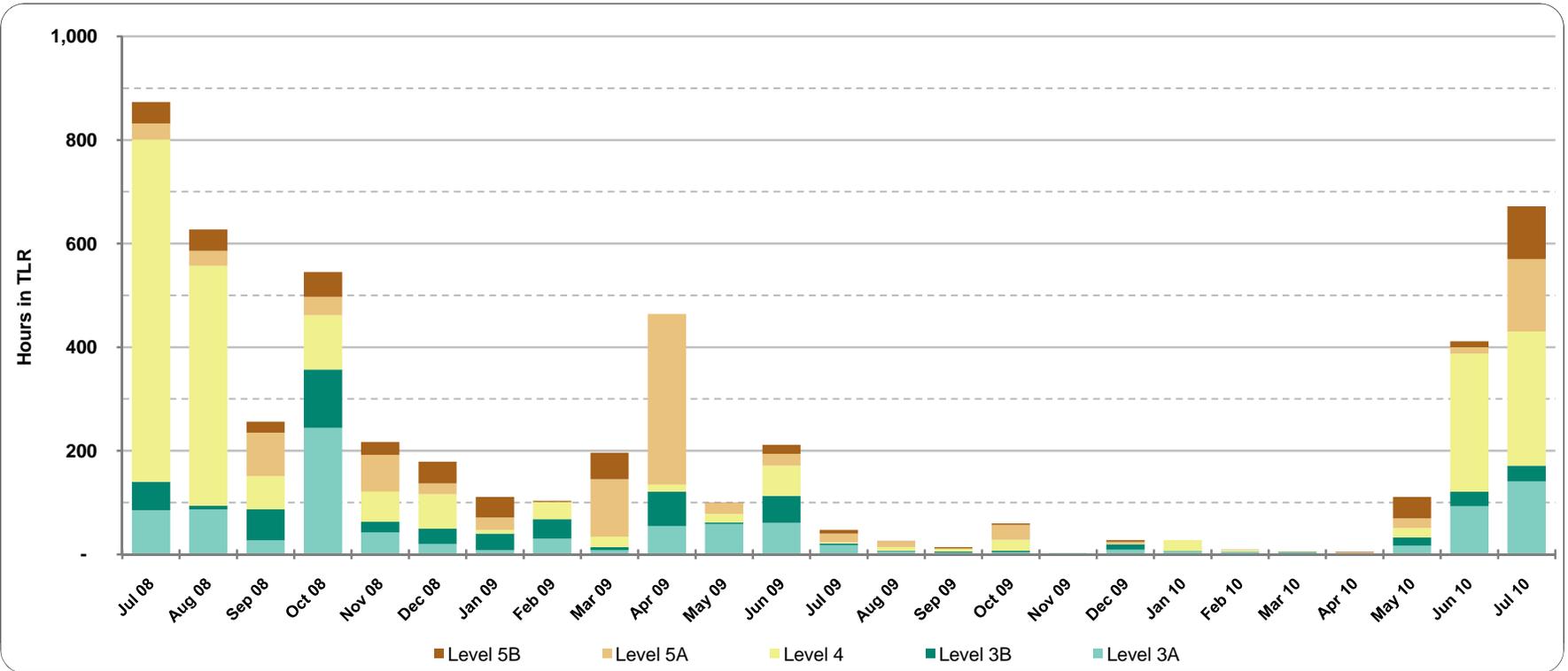
<i>in GWh</i>	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
Level 3A	17.5	5.8	3.6	4.1	2.3	9.1	5.3	5.4	3.3	0.2	16.7	22.5	48.6
Level 3B	3.5	1.0	1.9	3.0	0.0	10.5	1.1	0.0	1.3	0.0	15.7	13.6	12.7
Level 4	2.3	7.3	5.8	21.2	0.0	0.3	21.2	2.8	0.6	0.6	18.8	14.8	41.7
Level 5A	16.9	11.1	0.0	28.7	0.0	4.4	0.0	1.3	0.2	2.9	18.3	12.0	64.3
Level 5B	6.7	0.4	2.5	2.4	0.0	3.1	0.0	0.0	0.0	1.1	41.3	9.1	25.2
NNL Assigned	3.4	1.1	0.2	2.7	0.0	1.3	0.0	0.1	0.1	0.8	6.7	2.9	12.6

<i>in GWh</i>	2007	2008	2009	2010	last 12 months
Level 3A	11.5	29.4	15.0	14.6	10.6
Level 3B	7.3	9.5	12.8	6.4	5.1
Level 4	8.8	6.1	9.8	14.3	11.2
Level 5A	6.9	15.1	13.2	14.1	11.9
Level 5B	1.5	4.5	4.8	11.0	7.1
NNL Assigned	-	2.5	1.5	3.9	2.4

Monthly Average

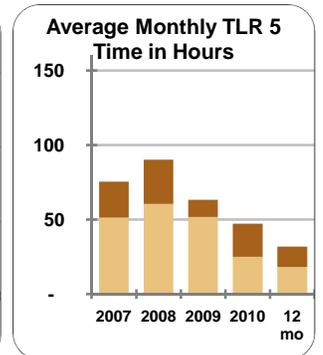
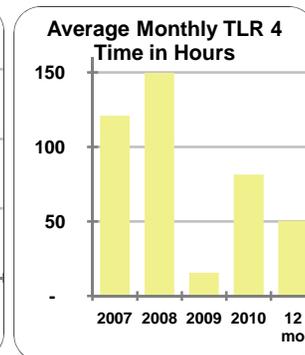
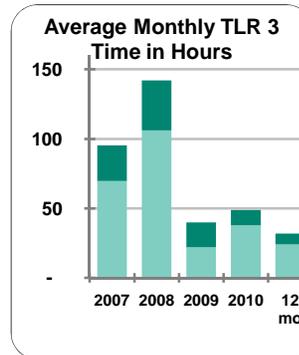


1c. Congestion - by TLR Level (Hours)



<i>in Hours</i>	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
Level 3A	17.5	5.8	3.6	4.1	2.3	9.1	5.3	5.4	3.3	0.2	16.7	93.0	141.0
Level 3B	3.5	1.0	1.9	3.0	0.0	10.5	1.1	0.0	1.3	0.0	15.7	28.0	30.0
Level 4	2.3	7.3	5.8	21.2	0.0	0.3	21.2	2.8	0.6	0.6	18.8	267.0	259.0
Level 5A	16.9	11.1	0.0	28.7	0.0	4.4	0.0	1.3	0.2	2.9	18.3	12.0	140.0
Level 5B	6.7	0.4	2.5	2.4	0.0	3.1	0.0	0.0	0.0	1.1	41.3	11.0	102.0

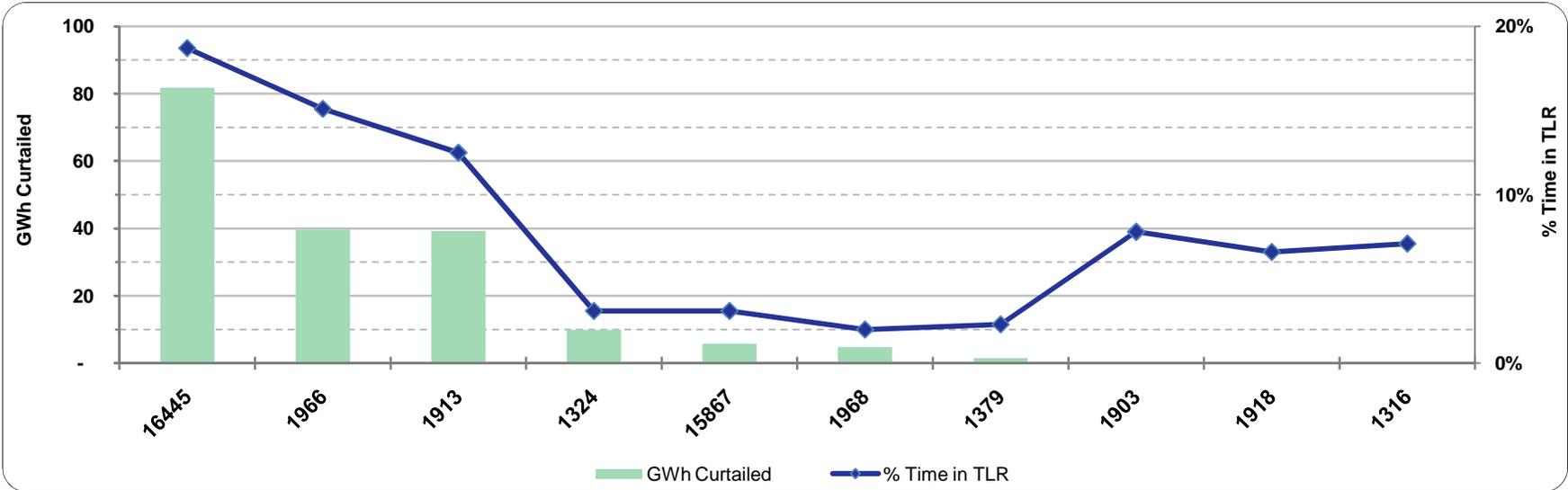
<i>in Hours</i>	2007	2008	2009	2010	last 12 months
Level 3A	69.6	106.0	21.9	37.8	24.2
Level 3B	25.7	36.2	18.1	10.9	7.7
Level 4	120.9	149.8	15.5	81.4	50.4
Level 5A	51.2	60.5	51.7	25.0	18.2
Level 5B	24.2	29.6	11.4	22.2	13.7
<b>Monthly Average</b>					



**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.

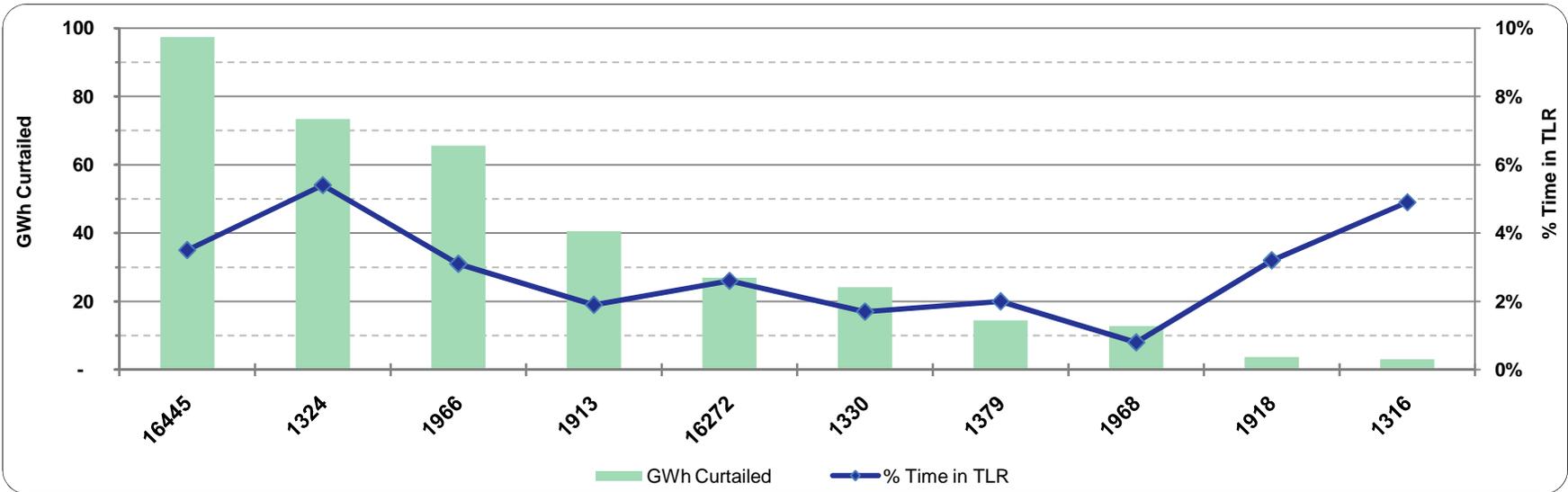
1f. Congestion - by Flowgate

July 2010



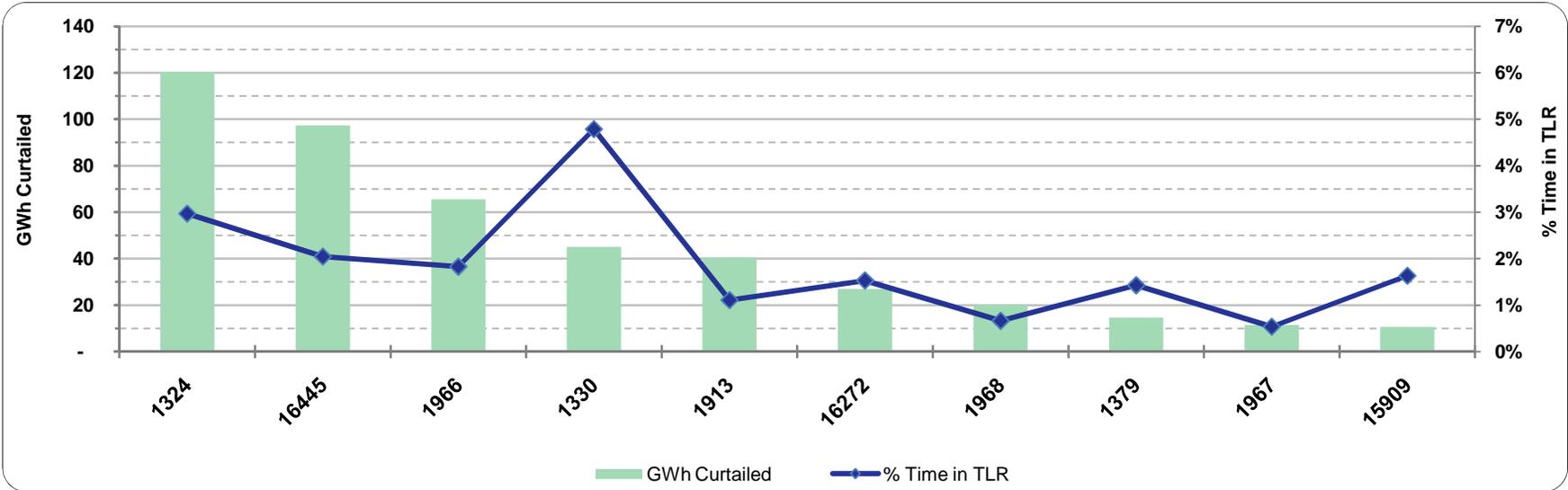
Flowgate ID	Flowgate Location (kV)	State	GWh Curtailed	% Time in TLR	Proposed Solution [estimated completion date]
16445	West Memphis - Birmingham Steel 500kV ftlo Sans Souci - Shelby 500kV	Arkansas	81.8	18.7%	Potential project being evaluated.
1966	Sheridan - Mabelvale 500 kV ftlo White Bluff - Keo 500 KV	Arkansas	39.6	15.1%	Under study in Entergy's Alternative Economic Study Process,; Part of 2009 ISTEP
1913	Keo - West Memphis 500 kV ftlo Independence - Dell 500 kV	Arkansas	39.2	12.5%	No specific project proposed
1324	White Bluff - Sheridan 500kV ftlo Mabelvale - Sheridan 500kV	Arkansas	9.9	3.1%	Under study in Entergy's Alternative Economic Study Process,; Part of 2009 ISTEP
15867	Webre - Willow Glen 500 kV ftlo Big Cajun - Fancy 500 kV	Louisiana	5.8	3.1%	Bayou LaBoutte project (winter 2011)
1968	Baxter Wilson - Ray Braswell 500kV ftlo Grand Gulf - Franklin 500kV	Mississippi	4.8	2.0%	Ray Braswell - Baxter Wilson (project completed)
1379	Grimes - Mt. Zion 138 kV ftlo Grimes - Bentwater 138 kV	Texas	1.5	2.3%	Upgrade Grimes-Mt. Zion (2019 Horizon Project)
1903	Cecelia - Moril 138 kV ftlo Flanders - Segura 138 kV	Louisiana	0.2	7.8%	Acadiana Phase 1 & 2 Project (Summer 2011 & 2012)
1918	Scott - Semere 138 kV ftlo TJ Labbe - Bonin 230 kV	Louisiana	0.1	6.6%	Acadiana Phase 1 & 2 Project (Summer 2011 & 2012)
1316	Scott - Semere 138 kV ftlo Wells - Pont Des Mouton 230 kV	Louisiana	0.1	7.1%	Acadiana Phase 1 & 2 Project (Summer 2011 & 2012)

**1f. Congestion - by Flowgate (2010 year-to-date)**



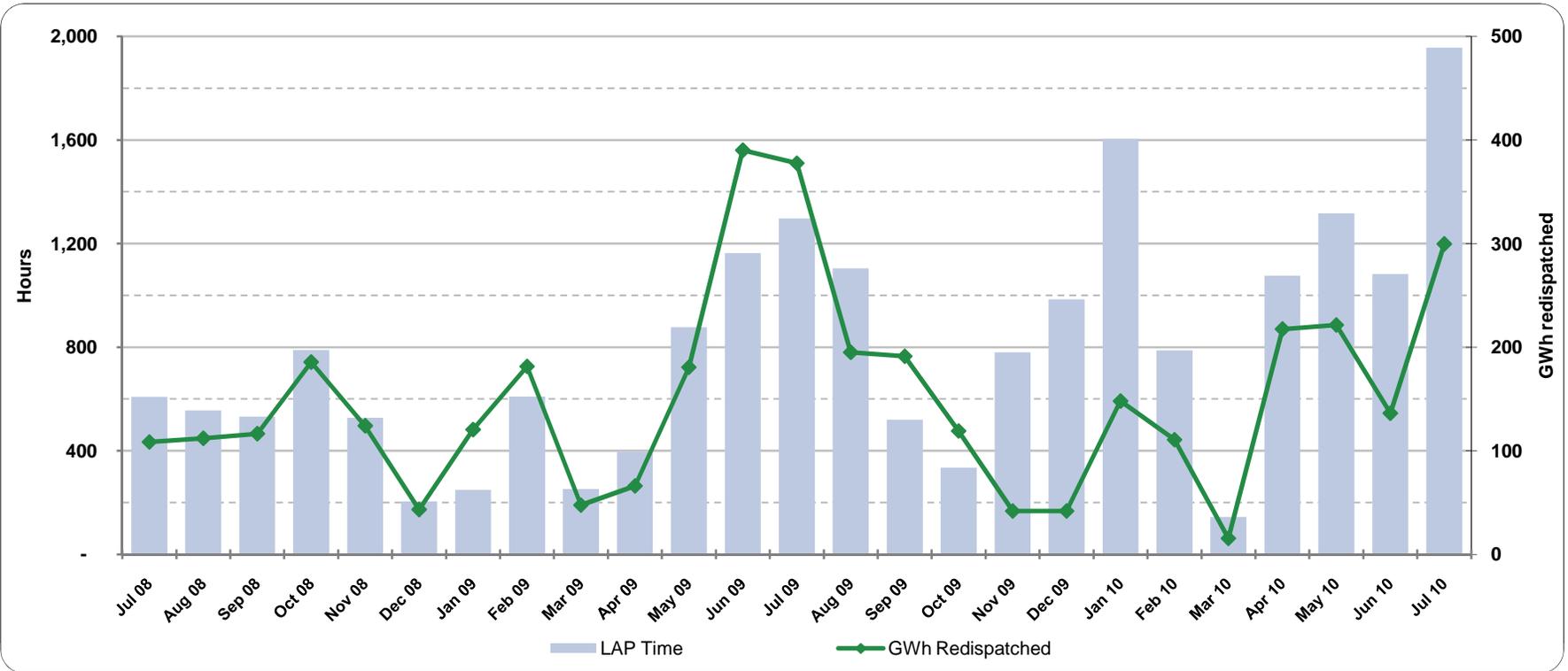
Flowgate ID	Flowgate Location (kV)	State	GWh Curtailed	% Time in TLR	Proposed Solution [estimated completion date]
<b>16445</b>	West Memphis - Birmingham Steel 500kV ftlo Sans Souci - Shelby 500kV	Arkansas	97.3	3.5%	Potential project being evaluated.
<b>1324</b>	White Bluff - Sheridan 500kV ftlo Mabelvale - Sheridan 500kV	Arkansas	73.4	5.4%	Under study in Entergy's Alternative Economic Study Process,; Part of 2009 ISTEP
<b>1966</b>	Sheridan - Mabelvale 500 kV ftlo White Bluff - Keo 500 KV	Arkansas	65.6	3.1%	Under study in Entergy's Alternative Economic Study Process,; Part of 2009 ISTEP
<b>1913</b>	Keo - West Memphis 500 kV ftlo Independence - Dell 500 kV	Arkansas	40.5	1.9%	No specific project proposed
<b>16272</b>	Nelson AT1 500/230 ftlo Hartburg - Cypress 500kV	Louisiana/Texas	27.0	2.6%	Operational issue resulted from unit outage scheduling; No specific project proposed
<b>1330</b>	McAdams 500-230 ftlo McAdams - Lakeover	Mississippi	24.2	1.7%	McAdams Area Upgrades <ul style="list-style-type: none"> <li>• McAdams substation upgrade</li> <li>• McAdams - Pickens 230 kV line upgrade[Proposed 2011, also part of a GI Study (PID 221)]</li> </ul>
<b>1379</b>	Grimes - Mt. Zion 138 kV ftlo Grimes - Bentwater 138 kV	Texas	14.5	2.0%	Upgrade Grimes-Mt. Zion (2019 Horizon Project)
<b>1968</b>	Baxter Wilson - Ray Braswell 500kV ftlo Grand Gulf - Franklin 500kV	Mississippi	12.8	0.8%	Ray Braswell - Baxter Wilson (project completed)
<b>1918</b>	Scott - Semere 138 kV ftlo TJ Labbe - Bonin 230 kV	Louisiana	3.8	3.2%	Acadiana Phase 1 & 2 Project (Summer 2011 & 2012)
<b>1316</b>	Scott - Semere 138 kV ftlo Wells - Pont Des Mouton 230 kV	Louisiana	3.1	4.9%	Acadiana Phase 1 & 2 Project (Summer 2011 & 2012)

**1f. Congestion - by Flowgate (12 month rolling August 09 - July 10)**



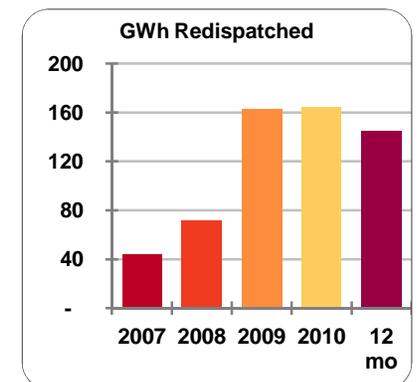
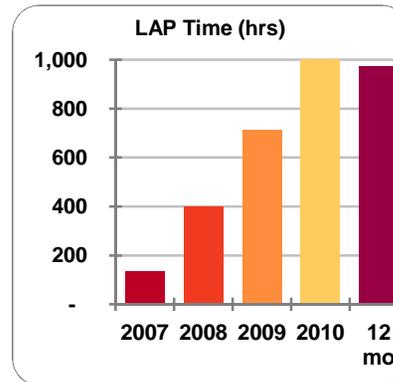
Flowgate ID	Flowgate Location (kV)	State	GWh Curtailed	% Time in TLR	Proposed Solution [estimated completion date]
1324	White Bluff - Sheridan 500kV ftlo Mabelvale - Sheridan 500kV	Arkansas	120.4	2.97%	Under study in Entergy's Alternative Economic Study Process; Part of 2009 ISTEP
16445	West Memphis - Birmingham Steel 500kV ftlo Sans Souci - Shelby 500kV	Arkansas	97.3	2.04%	Project being evaluated
1966	Sheridan - Mabelvale 500 kV ftlo White Bluff - Keo 500 KV	Arkansas	65.6	1.83%	Under study in Entergy's Alternative Economic Study Process.; Part of 2009 ISTEP
1330	McAdams 500-230 ftlo McAdams - Lakeover	Mississippi	45.0	4.78%	McAdams Area Upgrades <ul style="list-style-type: none"> <li>• McAdams substation upgrade</li> <li>• McAdams - Pickens 230 kV line upgrade[Proposed 2011, also part of a GI Study (PID 221)]</li> </ul>
1913	Keo - West Memphis 500 kV ftlo Independence - Dell 500 kV	Arkansas	40.5	1.11%	No specific project proposed
16272	Nelson AT1 500/230 ftlo Hartburg - Cypress 500kV	Louisiana/Texas	27.0	1.53%	Operational issue resulting from unit outage scheduling; No specific project proposed
1968	Baxter Wilson - Ray Braswell 500kV ftlo Grand Gulf - Franklin 500kV	Mississippi	20.1	0.66%	Ray Braswell-Baxter Wilson (Project Completed)
1379	Grimes - Mt. Zion 138 kV ftlo Grimes - Bentwater 138 kV	Texas	14.7	1.43%	Upgrade Grimes-Mt. Zion (2019 Horizon Project)
1967	ANO - Pleasant Hills 500 kv ftlo ANO - Mabelvale 500 kv	Arkansas	11.4	0.54%	Proposed in 2010 ISTEP list of projects
15909	North Crowley - Scott 138kV ftlo Wells - Pont D Mouton 230 kV	Louisiana	10.6	1.63%	Acadiana Phase 1 & 2 project (Summer 2011 & 2012)

1a. Congestion - LAP Time and Redispatch

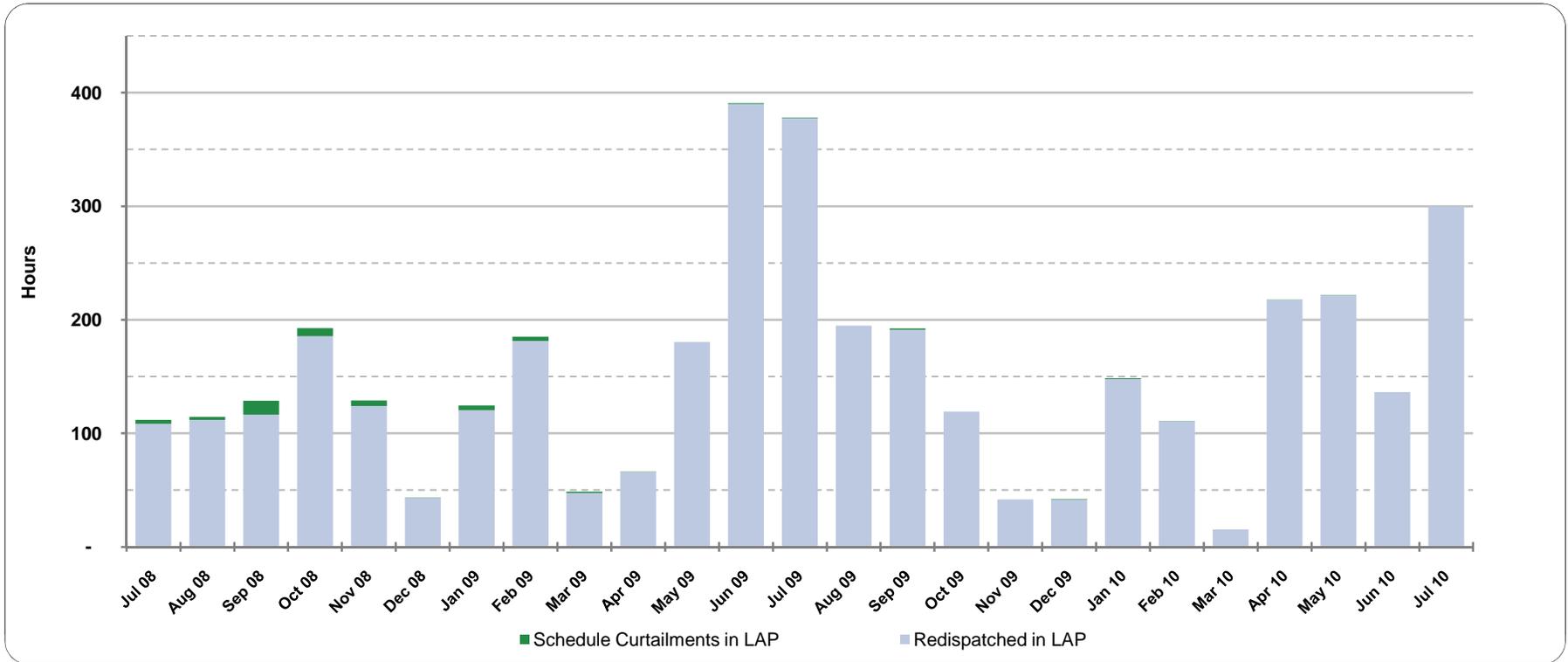


	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
LAP Time (hours)	1296	1105	520	334	780	984	1604	788	144	1076	1317	1082	1957
GWh redispatched	378	195	191	119	42	42	148	111	15	217	221	136	300

	2007	2008	2009	2010	last 12 months
LAP Time (hours)	137	398	714	1,138	974
GWh redispatched	44	72	163	164	145
<b>Monthly Average</b>					

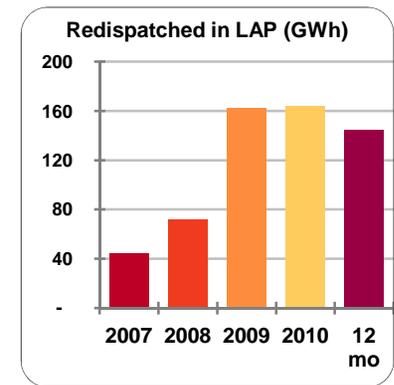
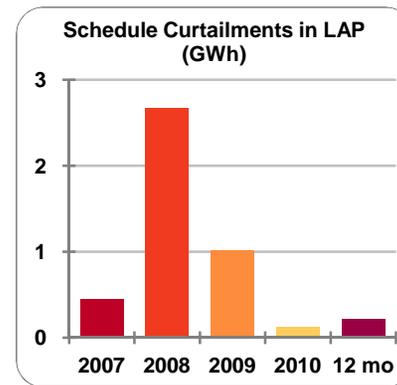


1b. Congestion - LAP Redispatch and Schedule Curtailments

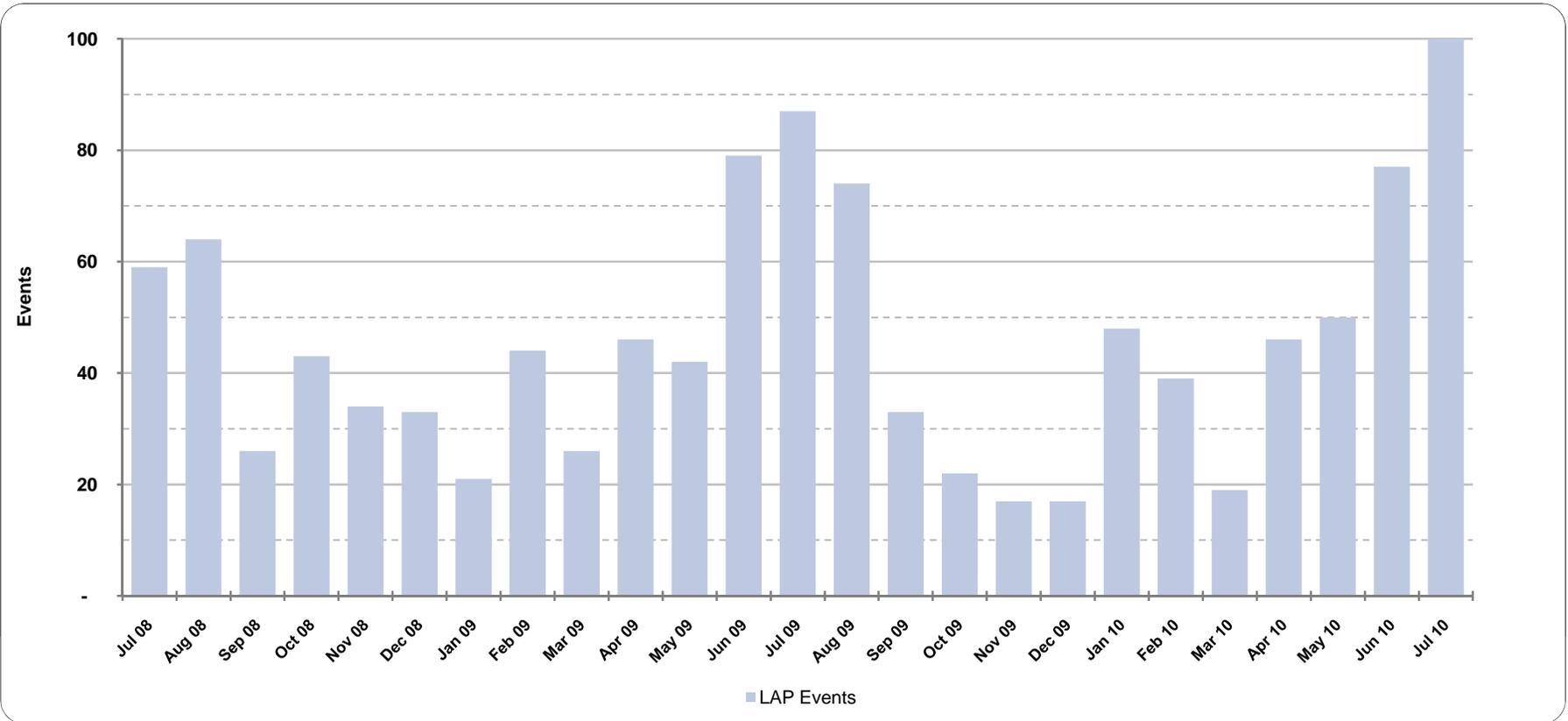


<i>in GWh</i>	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
Schedule Curtailments in LAP	0.4	0.0	1.2	0.0	0.0	0.5	0.5	0.2	0.0	0.1	0.1	0.0	0.0
Redispatched in LAP	377.6	194.9	191.2	119.1	41.8	41.7	147.9	110.5	15.3	217.4	221.4	136.2	299.6

<i>in GWh</i>	2007	2008	2009	2010	last 12 months
Schedule Curtailments in LAP	0.4	2.7	1.0	0.1	0.2
Redispatched in LAP	44	72	163	164	145
<b>Monthly Average</b>					

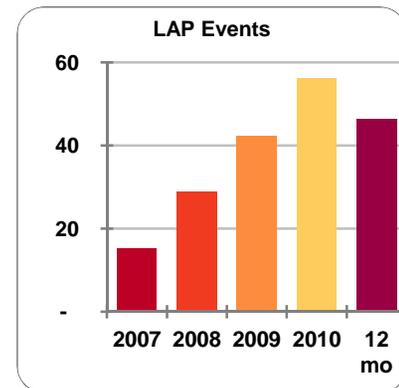


1c. Congestion - LAP Events

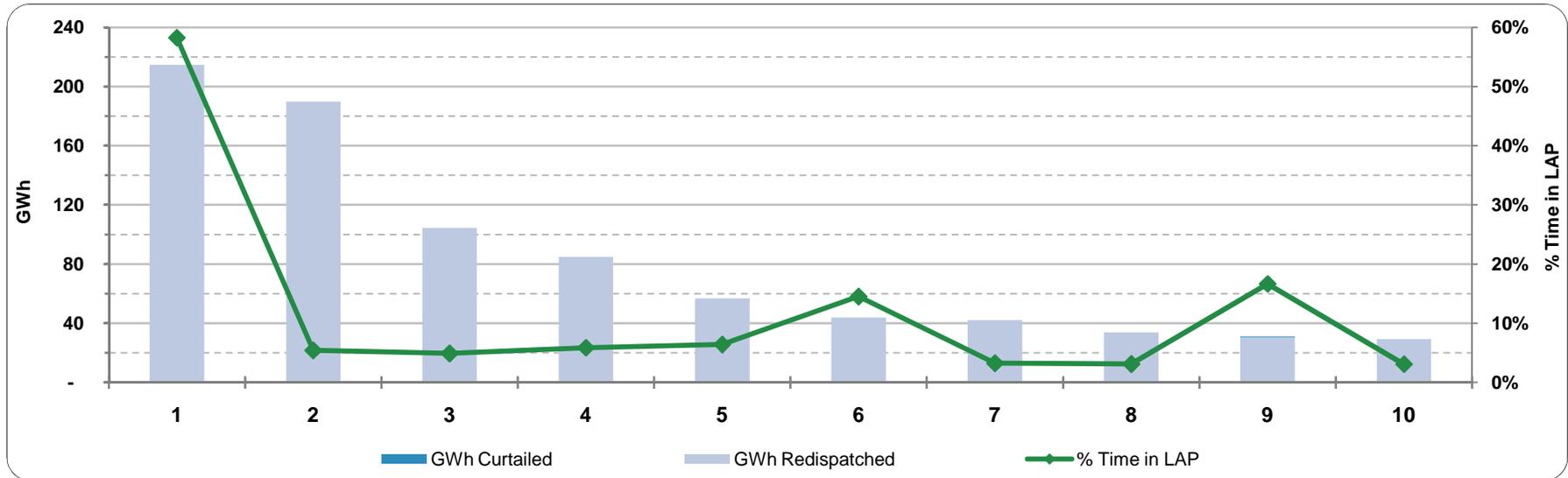


	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
LAP Events	87	74	33	22	17	17	48	39	19	46	50	77	114

	2007	2008	2009	2010	last 12 months
LAP Events	15	29	42	56	46
<b>Monthly Average</b>					

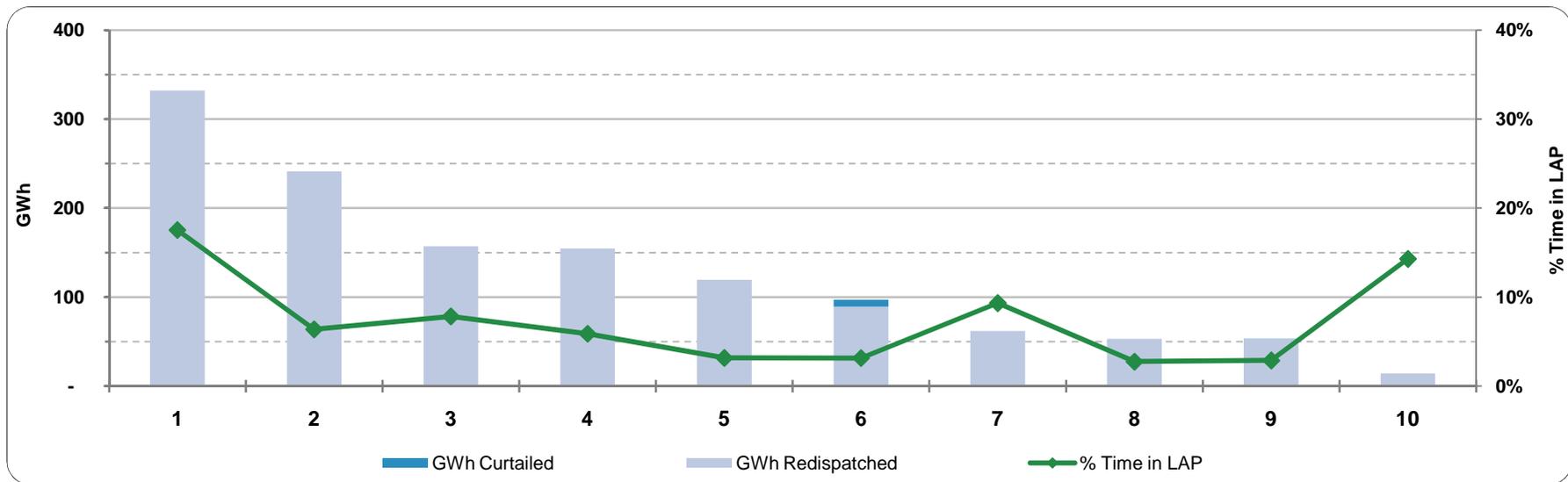


### 1f. Congestion - by Flowgate (LAP) - 2010 year to date



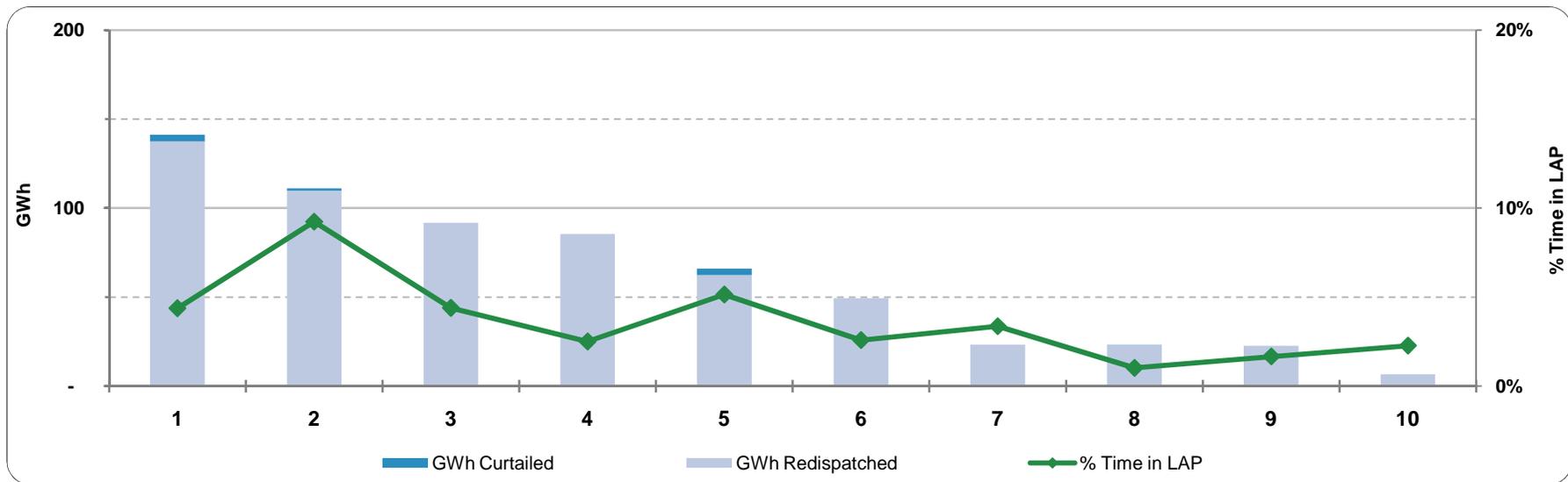
Rank	Flowgate Location (kV)	State	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	Proposed Solution [estimated completion date]
1	Redgum - Natchez 115 kV FTLO Plantation - Vidalia 115 kV (ELI - EMI)	Louisiana - Mississippi	58.2%	214.7		Utilize operating guide for capacitor bank utilization in the 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	5.4%	189.8		Install series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)
3	Alchem - Monochem 138 kV FTLO St. Gabriel - Aac Corp 230 kV	Louisiana	4.9%	104.5		Upgrade Alchem to Monochem (2011)
4	PPG - Rose Bluff 230 kV FTLO Nelson - Carlyss 230 kV	Louisiana	5.9%	84.9		No specific project proposed.
5	Navasota - Tubular 138 kV FTLO Grimes - Mt Zion 138 kV (ETI)	Texas	6.4%	56.7		No specific project proposed.
6	Addis - Tiger 230 kV FTLO Dow Meter - Air Liquid 230 kV (EGSL)	Louisiana	14.5%	43.4	0.1	No specific project proposed. Generation redispatch to address QF put.
7	Waterford - Little Gypsy #2 230 kV FTLO Waterford - Little Gypsy #3 230 kV	Louisiana	3.3%	42.0		No specific project proposed.
8	Grimes - Mt. Zion 138 kV ftlo Grimes - Bentwater 138 kV	Texas	3.1%	33.7		Upgrade Grimes - Mt. Zion (2019)
9	Cow - Colonial Orange 138 kV FTLO Cow Bulk - Sabine 138 kV (EGSL)	Texas	16.7%	30.5	0.7	No specific project proposed. Generation redispatch to address QF put.
10	McAdams AT1 500/230 kV ftlo Choctaw Gas - West Point 500 kV	Texas	3.1%	29.2		Adams Creek to Bogalusa Project (Completed)

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



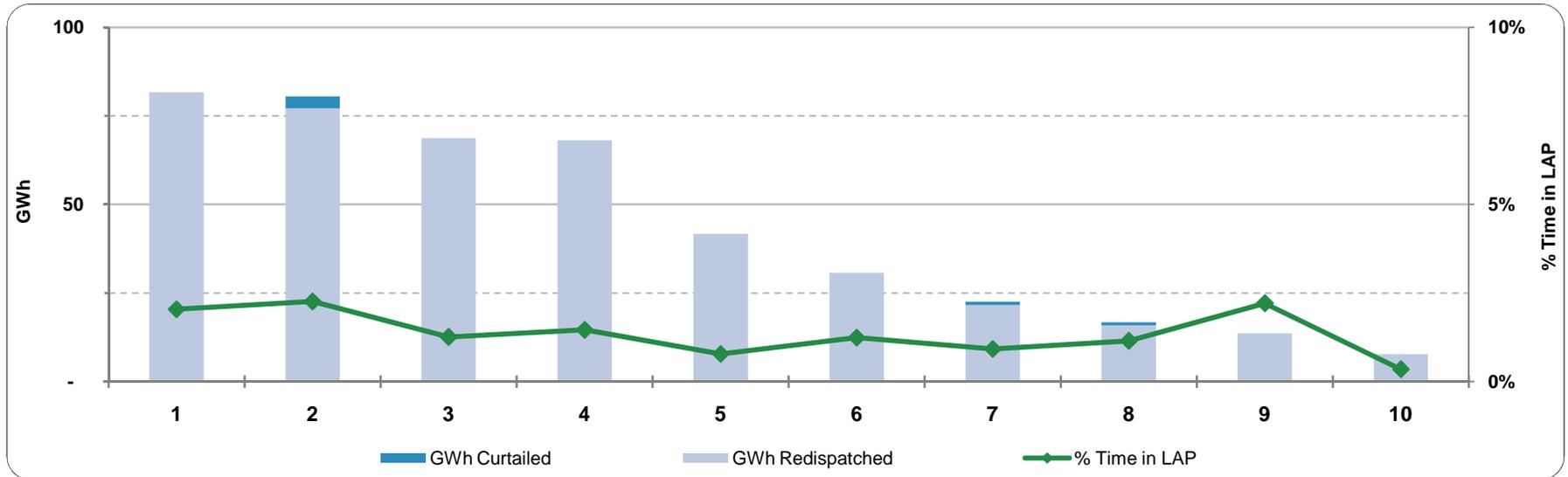
Rank	Flowgate Location (kV)	Operating Company	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	
1	Grimes - Mt Zion 138 kV FTLO Grimes - Walden 138 kV	ETI	17.5%	332.0		Upgrade Grimes-Mt. Zion (2019)
2	Adams Creek - Bogulsa #3 230 kV FTLO Adams Creek - Bogulsa #2 230 kV	ELI	6.4%	241.4		Adams Creek 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



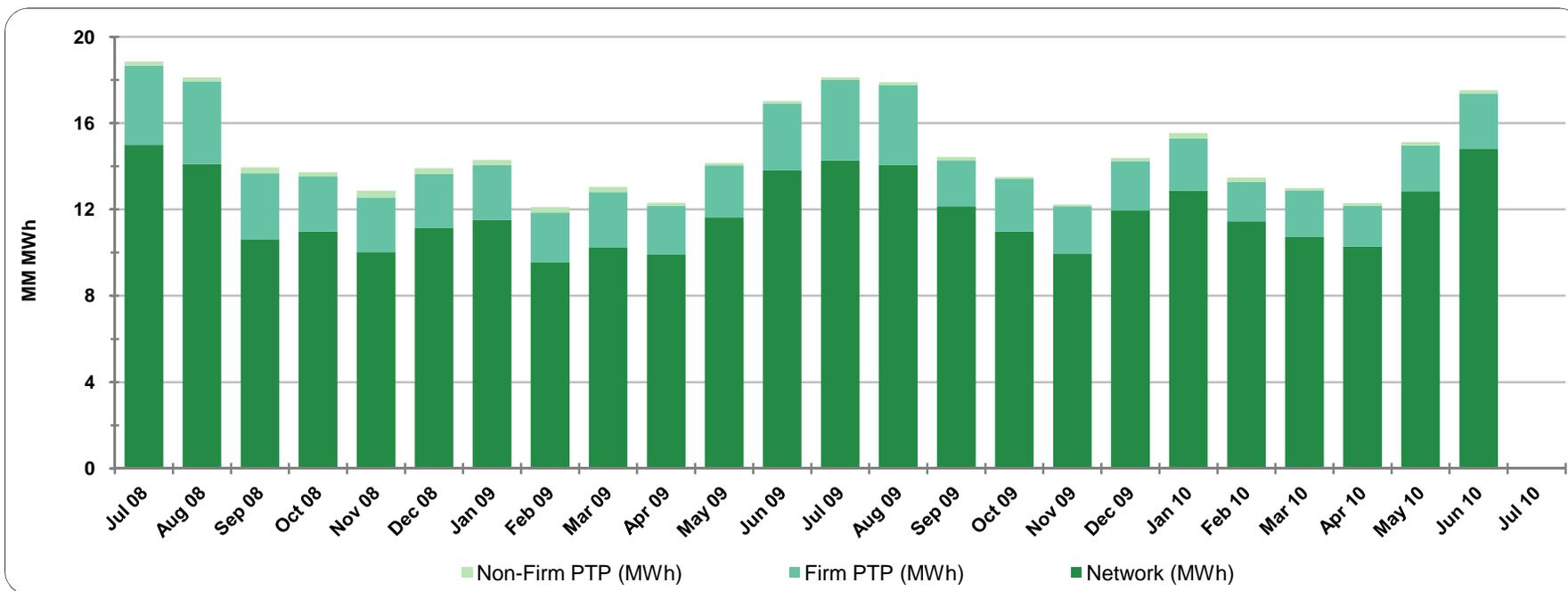
Rank	Flowgate Location (kV)	Operating Company	% Time in LAP	GWh Redispatched	GWh Schedules Curtailed	
1	Oakridge - Sterlington 115 kV FTLO Perryville - Baxter Wilson 500 kV	ELI	4.4%	137.4	3.9	Series reactor at Delhi (Spring 2010). Construct new Swartz to Carson SS 115 kV line (2014)
2	Grimes - Mt Zion 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



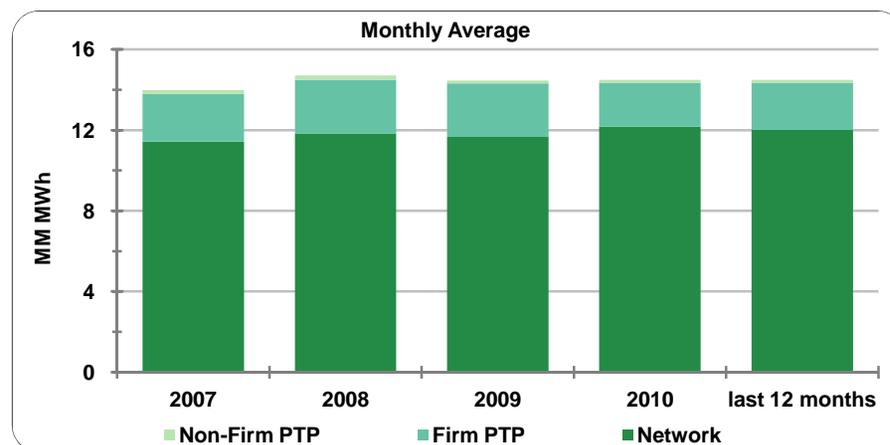
Rank	Flowgate Location (kV)	Operating Company	% Time in LAP	GWh Redispached	GWh Schedules Curtailed	
1	Brookhaven - Mallallieu 115 kV FTLO Franklin - Bogalusa 500 kV	EMI	2.0%	81.7		Upgrade Brookhaven to McComb (2012)
2	Oakridge - Sterlington 115 kV FTLO Perryville - Baxter Wilson 500 kV	ELI	2.3%	77.1	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

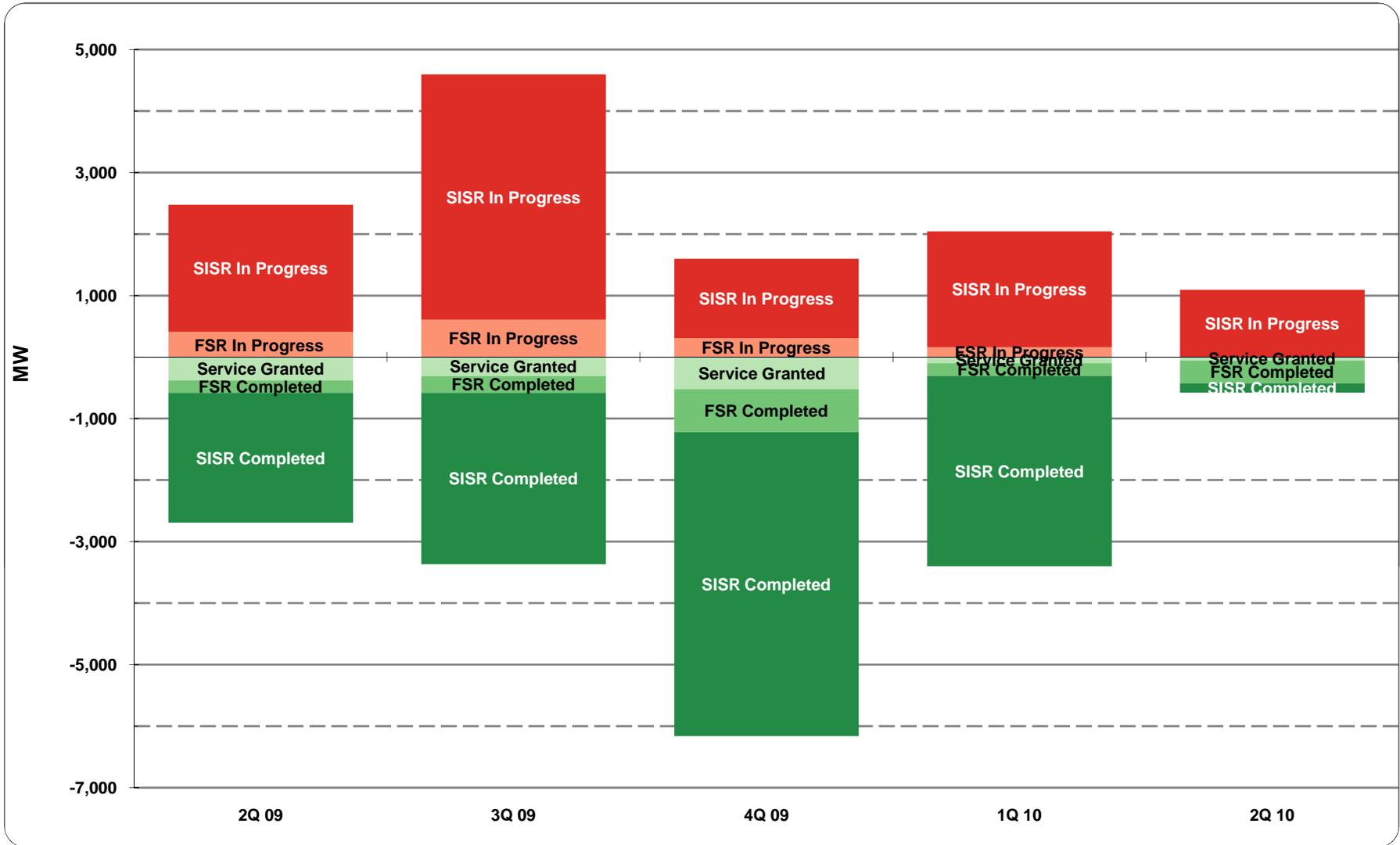


Service (in MM MWh)	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10
Network	14.26	14.06	12.15	10.98	9.93	11.95	12.87	11.46	10.73	10.28	12.85	14.82	0.00
Firm PTP	3.75	3.70	2.14	2.44	2.22	2.29	2.41	1.82	2.15	1.89	2.12	2.55	0.00
Non-firm PTP	0.11	0.13	0.16	0.08	0.07	0.14	0.25	0.20	0.11	0.12	0.16		0.00
Total	18.13	17.89	14.44	13.50	12.23	14.39	15.54	13.48	12.99	12.29	15.12	17.37	0.00

Service (in MM MWh)	2007	2008	2009	2010	last 12 months
Network	11.43	11.84	11.67	12.17	12.01
Firm PTP	2.37	2.65	2.65	2.16	2.34
Non-Firm PTP	0.19	0.22	0.15	0.16	0.14
Total	13.99	14.71	14.46	14.49	14.49
<b>Monthly Average</b>					



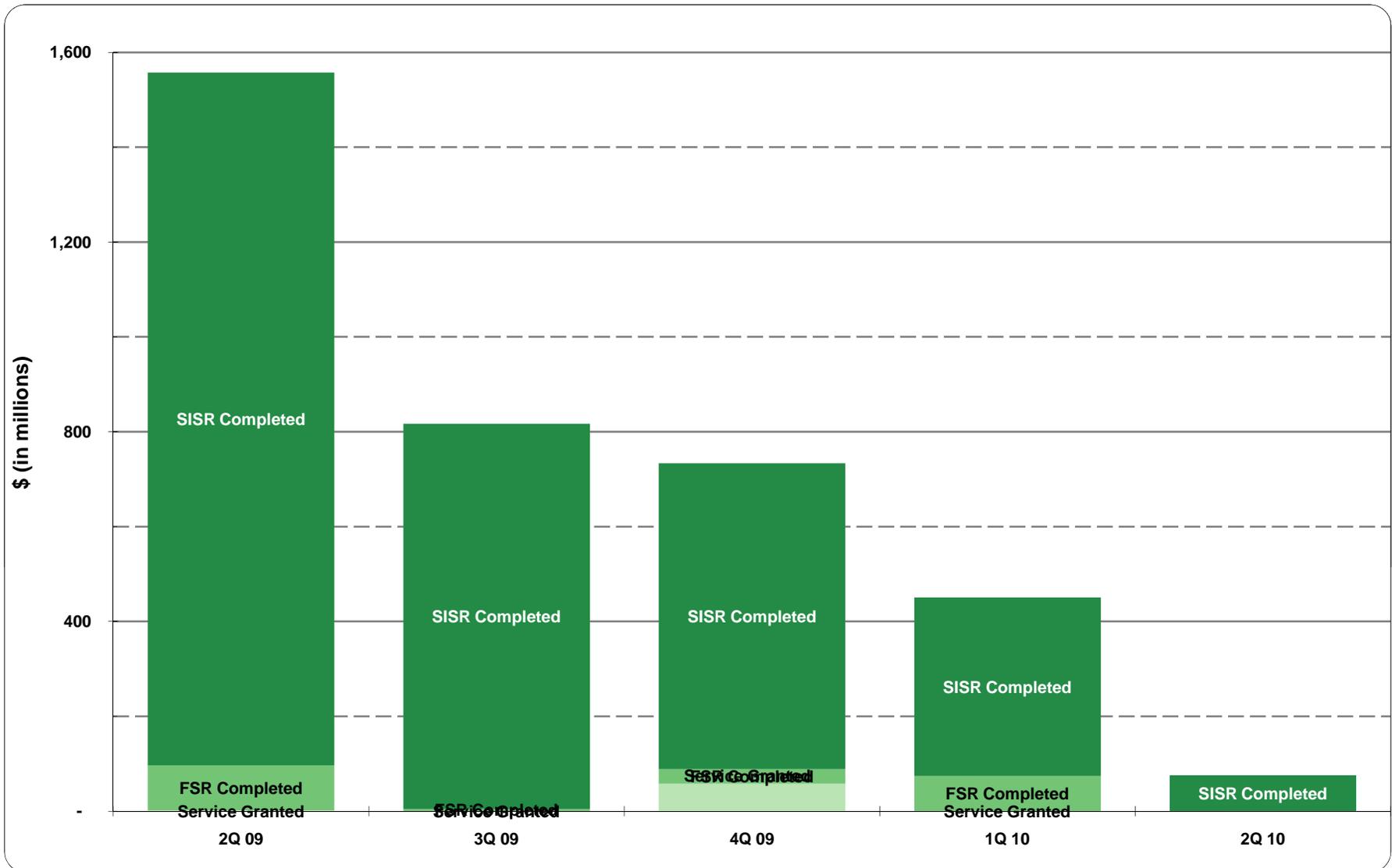
16a. Studies - MW



MW					
Completed	2Q 09	3Q 09	4Q 09	1Q 10	2Q 10
SISR	2,110	2,786	4,943	3,094	150
FSR - service granted	381	309	521	100	58
FSR	200	273	700	206	370
<b>TOTAL</b>	<b>2,691</b>	<b>3,368</b>	<b>6,164</b>	<b>3,400</b>	<b>578</b>

MW					
In Progress	2Q 09	3Q 09	4Q 09	1Q 10	2Q 10
SISR	2,069	3,988	1,290	1,886	1,090
FSR	409	607	306	158	
<b>TOTAL</b>	<b>2,478</b>	<b>4,595</b>	<b>1,596</b>	<b>2,044</b>	<b>1,090</b>

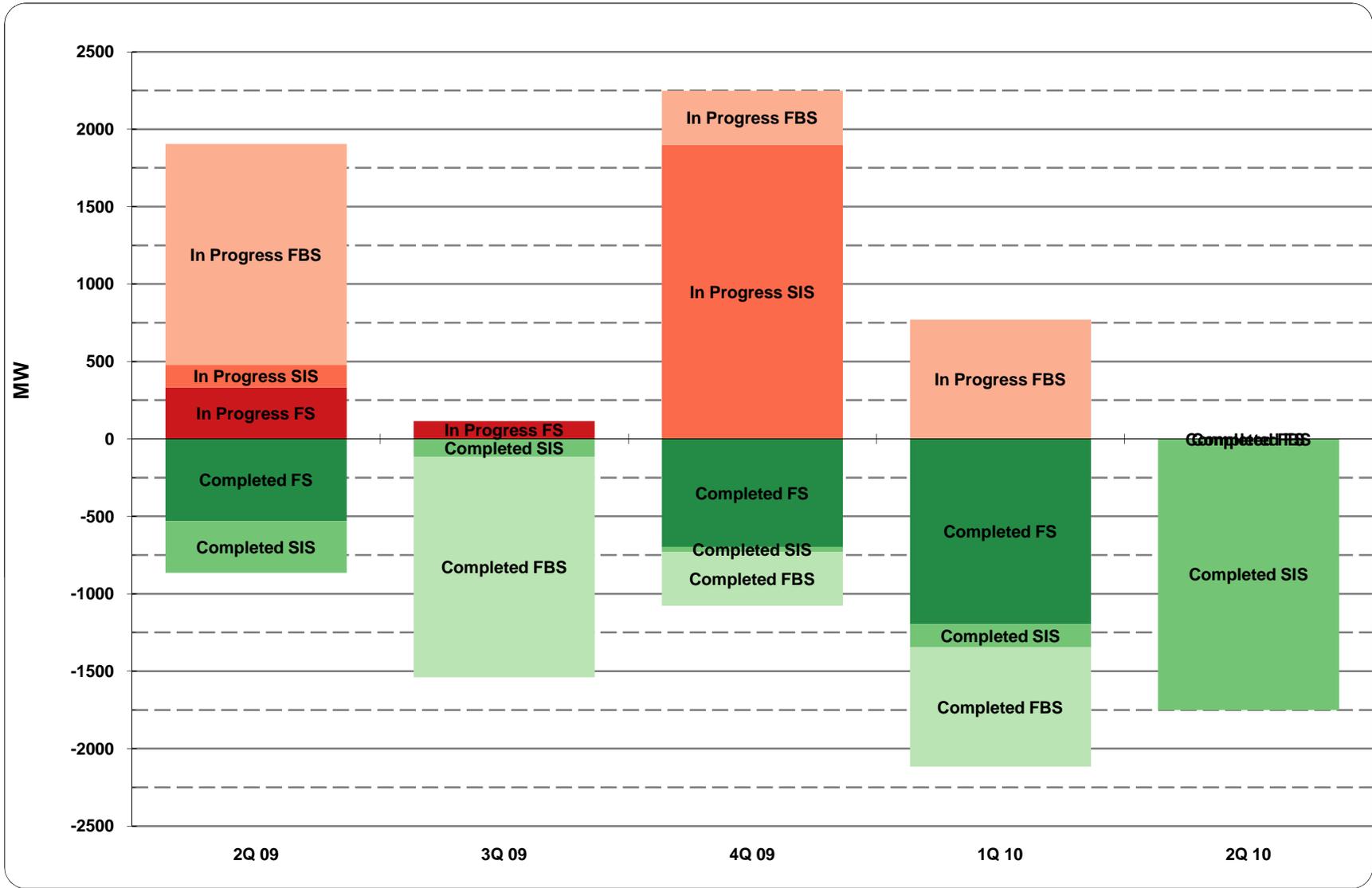
16b. Studies - Upgrade \$



Upgrade \$ (in millions)					
Completed	2Q 09	3Q 09	4Q 09	1Q 10	2Q 10
SISR	\$ 1,460.8	\$ 812.1	\$ 644.3	\$ 376.3	\$ 75.7
FSR - service granted	\$ 1.8	\$ 0.8	\$ 58.0	\$ 1.0	
FSR	\$ 94.9	\$ 3.9	\$ 31.0	\$ 73.4	
<b>TOTAL</b>	<b>\$ 1,557.5</b>	<b>\$ 816.8</b>	<b>\$ 733.3</b>	<b>\$ 450.7</b>	<b>\$ 75.7</b>

16c. Studies - Generation Interconnection - MW

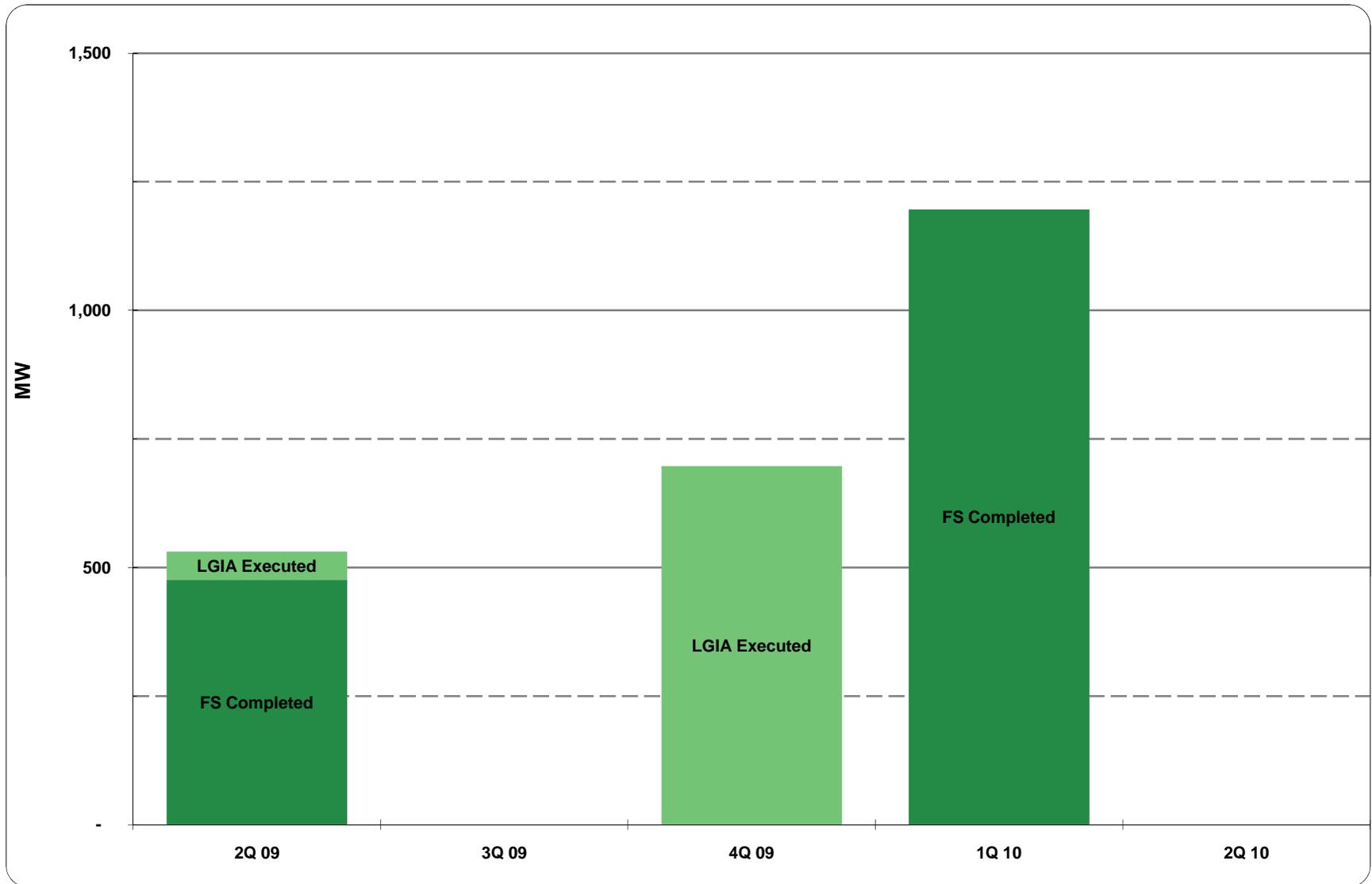
SPP ICT



MW					
Completed	2Q 09	3Q 09	4Q 09	1Q 10	2Q 10
FS	531		697	1,196	
SIS	333	115	31	150	1,750
FBS		1,425	349	770	
<b>TOTAL</b>	<b>864</b>	<b>1,540</b>	<b>1,077</b>	<b>2,116</b>	<b>1,750</b>

MW					
In Progress	2Q 09	3Q 09	4Q 09	1Q 10	2Q 10
FS	333	115			
SIS	146		1,900		
FBS	1,425		349	770	
<b>TOTAL</b>	<b>1,904</b>	<b>115</b>	<b>2,249</b>	<b>770</b>	<b>-</b>

16d. Studies - Generation Interconnection - FS Completed



MW					
Completed	2Q 09	3Q 09	4Q 09	1Q 10	2Q 10
FS Completed	476			1,196	
FS Completed - LGIA Executed	55		697		
FS Completed - Withdrawn					
<b>TOTAL</b>	<b>531</b>	<b>-</b>	<b>697</b>	<b>1,196</b>	<b>-</b>

## Attachment 4



**Southwest Power Pool, Inc.**  
**ICT STAKEHOLDERS POLICY COMMITTEE MEETING**

**July 21, 2010**

**Sheraton North, Houston, TX**

**• Meeting Minutes •**

1:00 p.m. – 5:00 p.m.

**Agenda Item 1- Administrative Items**

Bruce Rew called the meeting to order at approximately 1:00 p.m. There were 23 in attendance and 5 participating by teleconference.

**Agenda Item 2- Agenda Review**

Bruce Rew reviewed the agenda which was posted prior to the meeting on the SPP website and available at the meeting. Bruce emphasized the components of item 4, review of the SPC Charter.

**Agenda Item 3- Approval of October 2009 Minutes**

Bruce Rew asked for changes or modifications to the minutes; there were no objections. Bruce Rew announced that the meeting materials are posted on the SPP website.

**Agenda Item 4- Review of the SPC Charter**

**Charter Review** – Discussed options to improve the structure of the SPC and working groups. The ERSC is a major change that affects the structure of the stakeholder process. Bruce Rew mentioned the new contract extension and the study of the cost benefit analysis and how it impacts the set up of the stakeholder process.

SPC was formed in 2006 when the ICT was formed. SPC was formed by the stakeholders. The primary functions were:

- forum for interactions with the ICT
- place to address issues and concerns
- method to formulate consensus based solutions
- provide for majority and minority positions of stakeholders to be heard.

The SPC would ultimately provide recommendations for changes to ICT policies based on the above process. The User's Group was formed in the contract while the other groups were formed outside of the contract.



**ERSC** – Bruce reviewed the ERSC slides of the SPC presentation. Robert Mechler, RRI Energy, asked a question about the “mechanism to increase transmission” statement in the presentation. Dave Wilson, Arkansas Cities, asked about the role of the ERSC in the SEAMS agreement statement in the presentation. Sam Loudenslager, APSC, responded.

Sam Loudenslager disagreed with the “arbiter and enforcer” description of the ERSC; he asserted that FERC is the enforcer while the ERSC is a facilitator.

**ICT Chairs the SPC-** Mark McCulla asked what the difference is between the SPP structure and ICT structure. Bruce Rew explained in more detail the roles of chairs, etc. in the SPP structure.

Mark McCulla asked about confidentiality if a stakeholder were to chair the group. He stated that the ICT is different from SPP because Entergy is the only transmission owner, while all the other stakeholders are transmission users. It was discussed how to handle confidential information, Bruce Rew suggested some ways to keep confidential information confidential. Mr. McCulla stated concern with how these roles would be defined if a stakeholder chairs the group.

Mr. Loudenslager responded that the RTO is a member driven process, different people share different responsibilities with policy groups and working groups. When confidentiality issues are encountered, the RTO may form a task force with confidentiality agreements.

Mr. Loudenslager reiterated that he likes the idea of a stakeholder chairing the SPC. Mr. McCulla mentioned again the transmission owner/transmission user issue that makes the ICT different from the RTO.

Mr. Rew suggested these details be put in the parking lot while we discuss the rest of the changes associated with changing the structure of the SPC. It was also mentioned that there may be contract/tariff changes if this structure is changed. Mr. Rew discussed how changes might impact the SPC charter document, and that input about possible changes to the structure would be needed before any changes are made.

**ERSC and Working Groups-** Sam Loudenslager took the floor to present “ERSC and Working Groups”. He spoke about comments from the previous meeting of the ERSC working group and how to utilize everyone’s resources for better use of our time. Preface to the presentation: “this isn’t the only option; it’s just what makes sense right now”. Bruce Rew will post the presentation on the SPP website.

Mr. Loudenslager presented a proposal that could result in a more effective structure of Entergy, ERSC, all the working groups, and the SPC. He suggests that the SPC/WGs handle technical issues and ERSCWG handle the policy issues. SPP would exist between these two functions. He also discussed the issue of “meeting fatigue” and ways to improve the meeting schedule.

Jennifer Vosburg, NRG/LAGN, pointed out that many of the attendees were at the ERSCWG meeting in Dallas, TX. She stated that the “re-explaining” of issues between meetings of working groups/ERSC/SPC is time consuming. She feels the group needs to be re-energized. She reiterated that “this is our stakeholder process”. She agreed that everyone needs to address how to get more progress. Ms. Vosburg acknowledged some of Mark McCulla’s concerns but mentioned that there will be ways to work through those issues.



Mr. Loudenslager also suggested that a tariff change to Attachment S may be needed to address the structure changes to this group. Sept 17 would be a target date to file the changes.

Dave Wilson expressed his agreement with Mr. Loudenslager's assessment of the deadlines.

Robert Mechler asked about the time frame of the ICT's contract extension as it could be a driver of decisions about the structure of the stakeholder process. He remarked that he's seen many different structures, MISO, SPP, ERCOT, PJM, etc and that the ICT should look at their success or failures in their stakeholder processes.

Mr. Loudenslager stated that their processes can be slow; however, they are usually accurate with few issues encountered when they go to FERC. Robert Mechler suggested that Transmission Customers belong at the top of Sam's "org chart" because they would be running the groups if they are the chairs. Mr. Mechler also commented about the technical problems of the stakeholder meetings. He stated that other RTO's conduct the technology at meetings better than Entergy/ICT.

Tina Lee, KGEN, suggested combining the SPC and ERSC because they are both "policy" committees.

Dave Wilson supports having the regulators at the "bottom" of the org chart.

John Orr, Constellation Energy, asked how the ERSC decides between "technical" or "policy" type issues. Mr. Loudenslager said the ERSC, ICT and Entergy would discuss and decide which category issues will fall into.

Ms. Vosburg pointed at that overlap among groups exists. She stated that some issues would involve both the technical group and the policy group, which could increase the time to resolve issues.

Mr. McCulla pointed out another issue is resources. Entergy's resources are overtaxed. He suggested that the group put some thought into prioritizing issues. Mr. Loudenslager responded the focus should be on the Sept 17th filing, even though there are a lot of issues that need to be resolved. Ms. Vosburg commented there could be a conflict on how stake holders would prioritize things and how ICT/Entergy would prioritize issues.

Mr. Rew asked for more discussion on the individual working groups NTTIWG, LTTIWG, and WPPIWG. He noted that there are a lot of the same people in these meetings that are in the SPC. He asked if we should merge these groups together. Brenda Harris, Oxy, stated it appears that the NTTIWG, LTTIWG and WPPIWG should become part of the SPC. Ms. Vosburg commented that if we did that, we'd have to rely more on the task forces to get things done. John Orr agreed that we should combine the groups, and then break out task forces to address issues, and then deliver results back to the main group. Mr. Rew proposed keeping the User's Group because it is specifically mentioned in the order.

Jeff Price, Wright and Talisman, stated that limited changes to attachments could provide the flexibility needed to address structure changes after the September 17<sup>th</sup> filing deadline.



**Action item:** Get tariff changes for August 8 meeting.

**Action item:** Form a Task Force for changing the Att. S language. Bruce Rew looking for volunteers for drafting and writing the charter. A WebEx meeting is scheduled for August 26, 2010 1pm to 3pm for SPC to discuss the draft of a new charter, task force deadline for draft is 8/20/2010.

#### **Agenda Item 5- ICT Regulatory Update**

Jeff Price reported on June 15<sup>th</sup> order approved the SEAMS agreement with modifications for SPP and Entergy. Mark McCulla stated a filing has been made with the LPSC concerning the contract end date. The filing states the decision is still pending.

#### **Agenda Item 6- LTTIWG Report**

Jody Holland, SPP, gave the LTTIWG report. In the LTTIWG meeting prior to the SPC and a teleconference on June 17<sup>th</sup> progress in the base construction plan evaluation and reliability assessment was discussed. Evaluation of the construction plan will be posted soon on SPP website. Mr. Holland discussed that the minimizing bulk power cost study, MBPC (which started as the RMR study) is now out for RFP. He said that they are looking for bids during the next few weeks with expectation of the awarding a bid within 6 weeks. Gary Newell, LVS, LEPA, MEAM, MDEA, asked how the MBPC study will be funded. Mark McCulla replied that Entergy will be funding the MBPC. Ben Bright, SPP, has posted that in the RFP. It was determined to put together a task force to review how a SIS is formatted regarding AFC's showing negative or just zero.

Enrique Silva, Entergy, presented the Entergy economic study process at the LTTIWG.

John Orr provided feedback on the LTTIWG presentations. Mr. Orr suggested the ICT look at other's reports from other RTO's for improvements.

#### **Agenda Item 7- NTTIWG report**

Dowell Hudson, SPP, reviewed the NTTIWG presentation, which will be posted on the SPP website. It detailed action items that came from the NTTIWG meeting prior to the SPC meeting. Jennifer Vosburg commented that the presentation on the NSNF was helpful, however would like it in advance. The charts showed that progress has been made.

#### **Agenda Item 8- WPPIWG Report**

Antoine Lucas, SPP, presented the items from the WPPIWG. The presentation will be posted to the SPP website.

#### **Agenda Item 10- Users Group Report**

Tim Phillips, SPP, presented the User's Group report, which was posted with the meeting materials.



**Agenda Item 11- Action Items Review**

Action items:

1. Tariff changes for the August 8<sup>th</sup> meeting
2. Form a Task Force for the changes in the Attachment S language
3. ICT will actively try to procure a better sound system for use in the ICT SPC meetings

**Agenda Item 12- Adjournment**

Meeting adjourned at approximately 3:45 p.m.

Respectfully Submitted,

Bruce Rew



**Southwest Power Pool, Inc.**  
**ICT STAKEHOLDERS POLICY COMMITTEE MEETING**  
**July 21, 2010**  
**Sheraton North, Houston, TX**

**• D R A F T   A G E N D A   •**

1:00 p.m. – 5:00 p.m.

- 1. Introductions and roll call..... Bruce Rew
- 2. Review of meeting agenda..... All
- 3. Approval of May 12, 2010 minutes and conference calls..... All
- 4. Review of SPC Charter ..... Bruce Rew
  - a. Working Group review
  - b. ERSC impacts of SPC functions
  - c. Updates needed to improve process
- 5. ICT Regulatory update .....ICT/Entergy
- 6. LTTIWG Report..... Jody Holland
- 7. NTTIWG Report .....Dowell Hudson
- 8. WPPIWG Report ..... Antoine Lucas
- 9. OETF Report .....Dowell Hudson
- 10. Users Group report ..... Tim Phillips
- 11. Action Items review ..... All
- 12. Adjournment ..... Bruce Rew



Southwest Power Pool, Inc.

ICT STAKEHOLDERS POLICY COMMITTEE MEETING

July 21, 2010

Sheraton North Houston - Houston, Texas

• ATTENDANCE LIST •

Name	Company	Phone	Email	X if change
Jennifer Vosburg	NRG Laska	285-618-4119	Jennifer.Vosburg@nrg.com	
Tim Phillips	SPP	501-614-3562	tphillips@spp.org	
CAROL BARFIELD	MAFATHOU OIL	713-296-3718	CBARFIELD@MAFATHOU.OIL.COM	
BOARD MEMBER	CONOCO PHILLIPS	580-161-4010	BL FILE	
Ferri Clynnes	ConocoPhillips	28-293-2350	ferri.clynnes@conocophillips.com	
David Wilson	Indianans Ct	501-391-6400	zhuyma@CETI.net	
Robert Meehler	RCT Energy	832-357-344	meehler@rreenegy.com	
Antoine Luczys	SPP	561-614-3382	aluczs@spp.org	
Tommy Cruces	GBS	713-229-2423	john.cruces@gbso.com	
Mark McLean	ENERGY			
ERIC HOLLAND	CLC - TAMARAC	830-294-3527		
John Holland	SPP	91-619-3315	j.holland@spp.org	
John Or	Constellation Energy	713-319-5130	john.or@constellation.com	
Robert Lora	GDF-SUEZ	713-636-1633	robert.lora@gdf-suez.com	
STEVES Mc Eathway	SMBNA	601-705-6637	smceathway@smbna.com	
Brenda Harris	ONY	713-295-7656	brenda.harris@ony.com	



Southwest Power Pool, Inc.

ICT STAKEHOLDERS POLICY COMMITTEE MEETING

July 21, 2010

Sheraton North Houston – Houston, Texas

• ATTENDANCE LIST •

Name	Company	Phone	Email	X If change
Tina Lee	KGEN	713-979-1923	TLLEE@KGENPOWER.COM	
Sam Henderson	AEC DSO	501-682-5824		
Keith Berry	Ark PSC	501-247-3848	berry@hendrixed.com	
JEFF RICE	W&T (SPP)	202-393-1200	rice@wrightland.com	
Eric Burkley	SPP	501-688-1665	eburkley@spp.org	



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



# **Stakeholder Policy Committee Charter Review**

**Bruce Rew**

**Vice President, Engineering**



## **SPC Charter Review**

- **Review of SPC necessary to look for opportunities to improve**
- **New Developments**
  - **E-RSC**
  - **ICT Contract renewal**
  - **Study of enhanced ICT vs. RTO**
- **Stakeholder involvement**
  - **Further responsibility at SPC**



## **Review of SPC Charter**

- **Formed in 2006**
- **Basic Functions**
  - **Framework for SPC Meetings**
  - **Forum for interaction with the ICT**
    - **Address issues and concerns**
    - **Seek consensus-based solutions**
    - **Provide recommendations for ICT policies**
  - **Formation of Working Groups**
  - **Users Group for assessing and reviewing Entergy systems**



## **Entergy Regional State Committee (E-RSC)**

- **Adopted in 2009**
- **Organization of the five governmental entities affecting the Entergy operating companies**
- **Main duties of the E-RSC**
  - **Provide input on issues for the Entergy Transmission System and the ICT and its Working Groups**
    - **ICT Base Plan vs. Entergy Construction Plan**
    - **Seams Agreements**
    - **Mechanisms to increase transmission and cost allocation methods**
    - **Analysis of future ICT enhancement vs RTO membership**



## **Analysis of E-RSC and ICT SPC**

- **ESPY Energy Solutions, LLC, asked by the E-RSC Working Group to evaluate the independence and authority of the ICT**
- **Study included stakeholder interviews, surveys, tariff filings, and ICT reports**
- **Within the assessment, several observations and recommendations were made**



## **ICT SPC Analysis**

- **Roles of E-RSC and ICT should be established to effectively address Entergy Stakeholder issues**
  - **ICT is the Tariff Administrator and Implementer**
  - **E-RSC is the Arbiter and Enforcer**
  - **This structure would give more independence to the ICT and place enforcement with the E-RSC**
- **Stakeholders are on the outside of discussions and deliberations within the Working Groups**
  - **Stakeholders should be allowed more participation**
  - **“Decision Review Request” for Stakeholders**



## **Recommendations for Improvements**

- **Stakeholders carry more responsibility in the process**
  - **Chair role could be stakeholder**
  - **Working Groups led by more stakeholder input**
  - **Similar to Working Groups in the RTO where SPP representative is Secretary and facilitator, SPP Member is Chairman**
- **Tariff changes may be necessary**
  - **Current Tariff filings state the ICT has authority to establish a stakeholder process**
  - **Other tariff filings state the stakeholder process is led by the ICT**
    - **Section 9 of Transmission Service Protocol states “The ICT will develop and chair a stakeholder process...”**



## **Recommendations for Improvements**

- **SPC should coordinate meetings and efforts with the E-RSC**
  - **SPC delivers opinions and actions**
  - **E-RSC determines if the actions are enforceable or arguable**
  - **Coordinating these meetings will streamline process and shorten timeline to completion**
- **Any changes made to the SPC process must be measurable and verifiable**
  - **The ICT can be held accountable for performance if the output can be determined and measured**



## **Governing Documents for SPC**

- **Entergy Open Access Transmission Tariff**
  - **Attachment S, Section 8**
  - **Attachment S, Transmission Service Protocol Section 9**
- **SPC Charter**
- **SPC Procedures**
  - **Formal Communications (updated June 2008)**
  - **Conference Call Meetings**
  - **Working Group Formation**
  - **Voting with Sector Reporting**

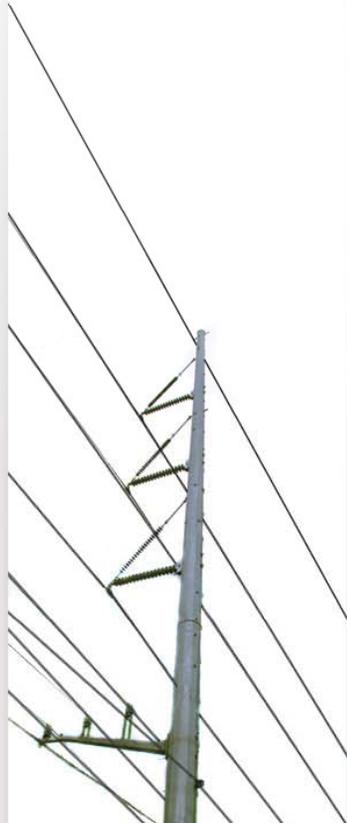


## **Conclusion**

- **Changes in the SPC Charter may be necessary to continue development of process**
  - **Further stakeholder involvement and responsibility**
    - **Working Groups and SPC**
  - **Coordination in function and roles with the E-RSC**
    - **ICT SPC implements, E-RSC enforces**
- **Tariff impacts are possible with changes to the SPC Charter**
  - **Tariff filings show ICT as being responsible for leading meetings and functioning as Chair**



**Bruce Rew**  
**Vice President, Engineering**  
**501-614-3214**  
**[brew@spp.org](mailto:brew@spp.org)**



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



ICT NTTIWG

**July 21, 2010**



## NTTIWG Meeting July 20, 2010

- **Update on Non-Sale of Non-Firm TSRs**
- **Update on Supplemental Curtailment of Internal Non-Firm TSRs**
- **AFC Benchmarking Efforts**
- **AFC Inter-Regional Coordination**



Dowell Hudson  
Manager, ICT Tariff Administration  
501-614-3373  
[dhudson@spp.org](mailto:dhudson@spp.org)

The logo for the Southwest Power Pool (SPP) is located in the upper left corner. It features the letters "SPP" in a large, bold, red serif font. To the right of "SPP", the words "Southwest" and "Power Pool" are stacked vertically in a smaller, black, italicized serif font. The background of the logo area is a solid red color with a faint, white, stylized graphic of a power line tower and its cross-arms.

**SPP** *Southwest  
Power Pool*

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



**SPP**

*Southwest  
Power Pool*



**ICT WPP Report**

**Stakeholder Policy Committee Meeting**

**July 21, 2010**



## **WPP Quarterly Report**

- **The ICT filed the fifth WPP Quarterly Report with FERC on June 15, 2010 for the period March 2010 through February 2010.**
- **WPP metrics as compared to last quarter:**
  - **Increase in the total number of third-party supplier offers accepted**
  - **Increase in the total number of MWs awarded**
  - **Increase in estimated production cost savings**



## **WPP Quarterly Report (cont.)**

- **WPP Estimated Savings:**
  - **Quarter: \$7.2M**
  - **Annual: \$17.6M**
  - **Since Implementation: \$22.7M**



## **WPP Quarterly Report (cont.)**

- **Historical Comparisons Going Forward:**
  - **Prior to WPP start-up, FERC required the quarterly reports to include certain comparisons for the 12-months preceding the implementation of the WPP.**
  - **12 month period has expired leaving no historical data to base these comparisons.**
  - **ICT is open to suggestions for comparisons going forward.**



## **WPP Quarterly Report (cont.)**

- **WPP Input Data Error Reported:**
  - **Entergy informed the ICT of an error in EMO's calculation of its flexibility requirement for two WPP Operating Weeks.**
  - **EMO's hourly and daily flexibility requirement for the identified weeks were shifted due to incorrect start dates used in its production cost model.**
  - **Entergy has since put a procedure in place that would identify if the start date in the production cost model were incorrect.**



## **WPP Enhancements**

- **Proposal to Model QFs in the WPP;**
  - **Test plan for the proposal has been developed.**
  - **Ventyx has provided a version of the WPP software to support testing of the proposal.**
  - **Preliminary testing of the proposal is underway.**
  - **Updates are provided to the WPPIWG monthly.**



**Antoine Lucas**  
**Manager, WPP**  
**501-614-3382**  
**[alucas@spp.org](mailto:alucas@spp.org)**



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

**Entergy Users Group**

**Report to the ICT Stakeholders Policy Committee  
July 21, 2010**



# Assessment

- **Performed on 05/19/10 for the period 02/10 through 04/10**
- **Examined AFC and WPP data retention:**
  1. **Sampled evidence of the full and incremental backup processes**
  2. **Sampled evidence of the test restoration process**
  3. **Sampled AFC data storage on EMS and online file server**
  4. **Verified evidence of tape storage maintenance**
  5. **Discussed AFC/HDR data and end of life issues**
  6. **Reviewed FERC Filings**



# Findings

- **Backup and Restoration Processes**
  - **Issues from previous assessment:**
    1. EMS full weekly and incremental daily B&R process continue to have extended run times due to the number of large files being processed
    2. Veritas Version 6 media server hardware expected to help this issue
  - **Issue Updates:**
    1. Entergy identified the root cause of extended run times of the full weekly B&R
    2. Corrective action to shorten the run times via an additional step in the process
    3. Weekly B&R is now functioning properly as intended
    4. ICT will follow up to ensure the process documentation is updated with the additional steps
    5. Veritas Version 6 media server hardware has been implemented



# Findings

- **AFC and WPP Date Archive:**
  - **Issues from previous assessment:**
    1. **Entergy continues to remain behind in the data archiving process**
      - A. At the time of the assessment, data was archived through August 2009
      - B. Gap plan to become current with archiving data
      - C. Becoming current will also alleviate the B&R extended run time issues
  - **Issue Update**
    1. **Entergy is now fully current with all data backup processes**
      - A. At the time of the assessment, data was archived through April 2010
      - B. Gap plan was completed ahead of schedule
      - C. Extended run time issues are resolved



## FERC Filings

- **February 11, 2010: Incorrect Bus Number in the Study Horizon**
  - On 01/27/2010, Entergy discovered that on 01/18/2010 the monthly update to the Study Horizon contained an incorrect bus number
  - The BATBA\_LSPXFR flowgate had an incorrect bus number associated with its CE (BATESVILLE-BATESVILLE 115 FTLO LS POWER 230/161)
  - The response factor for BATBA\_LSPXFR was likely less than what it would have been with the correct bus number
  - No Transmission Service Requests (TSRs) were impacted by the incorrect bus number and the AFC on the BATBA\_LSPXFR flowgate was adequate across all time points of the Study Horizon
  - The bus numbers were corrected on January 27, 2010, and a new model was put in production on February 4, 2010



## FERC Filings

- **February 11, 2010: Network Resource Designation**
  - On 02/01/2010, Entergy discovered the logic in RFLOADER to enforce Network Resource Designation (NRD) limits was not working
  - The NRD logic was inadvertently disabled as a result of a configuration change to disable the zonal import limit logic in RFCalc as recommended by the AFC Modeling Improvements Task Force
  - NRD limits were not enforced in the calculation of AFCs since November 12, 2009. An impact analysis indicated that this error may have impacted the dispatch of SPO generators at approximately nine plants
  - A temporary work around was implemented on Feb 1, 2010, to enable the NRD logic while a permanent software correction was developed and tested
  - The RFLOADER code to decouple NRD logic from zonal import logic was deployed in production on March 25, 2010



## FERC Filings

- **February 11, 2010: ATC = Zero Posting**
  - On 02/012010, Entergy discovered that the ATC = Zero Report posted on OASIS did not contain the date range on the paths for which the ATC equaled zero for a period of six months or longer
  - The file had been changed due to the transition to OATi OASIS on September 28, 2009 and resulted in the exclusion of the date range
  - All data was available and the corrected files were uploaded to OASIS on February 2, 2010. The posting had no impact on the calculation of AFC values
  - Entergy took corrective action to permanently modify the program to account for the extra data records. This modification was complete on February 17th, 2010 prior to the next scheduled monthly run of the program



## **FERC Filings**

- **February 11, 2010: Preemption Issue**
  - **On 01/28/2010, a transmission customer requested additional information from Entergy regarding preemption of unconfirmed TSRs and any competition lead time that was required prior to implementation of preemption.**
  - **Entergy initiated a review and discovered that some of the Competition and Unconditional Lead Times settings within Entergy's Competition Module of webTrans were different from the original values established during the transition to OATi webOASIS and webTrans on September 28, 2009**
  - **All settings were corrected by February 4, 2010. The only changes made were to the competition lead time and deadlines, which were found to differ from the spreadsheet used to set them originally. Entergy continues to review the issue to determine any impact on the processing of TSRs**



## FERC Filings

- **February 24, 2010: Incorrect Monitored Elements**
  - On 02/10/2010, during a quality control check in the Weekly Procurement Process (WPP), Entergy identified an inconsistency in a defined flowgate
  - A flowgate definition in the RFCALC database for VKBVKW\_BWSEV (VICKSBURG-VICKSBURG WEST 115 FTLO BAXTER WILSON-SOUTH EAST VICKSBURG 115) did not represent the Contingent Element (CE) correctly
  - The correct CE should be Baxter Wilson to SE Vicksburg but was defined as Baxter Wilson to S Vicksburg which resulted in an incorrect Line Outage Distribution Factor (LODF)
  - This error was corrected on February 11, 2010



## FERC Filings

- **February 24, 2010: Incorrect Monitored Elements (Cont.)**
  - **Entergy initiated a review of all flowgates (limiting elements and contingent elements) on 02/16/2010. As of 02/24/2010, two other flowgates have been identified as incorrect**
  - **The GRIWAL\_GRICR flowgate had the monitored element (Grimes to Walden line) defined in the opposite direction and the MOSMAR\_CARBT flowgate incorrectly monitored the Toomey to Marshall element in lieu of Mossville to Marshall**
  - **These errors were corrected on February 19, 2010**
  - **These errors potentially affected the response factor and/or flowgate flow calculations in the Operating and Planning Horizon. The impact may have resulted in AFC values being different than expected on these flowgates**
  - **Entergy identified the cause as being a lack of information in change request and lack of verification. Entergy took corrective action to modify the change request template to include PSS/E bus numbers and modified the test process to verify the flowgates against PSS/E model**



## **FERC Filings**

- **March 4, 2010 Filing: Affiliate Flag**
  - **On 02/18/2010, Entergy determined that an issue existed regarding the identification of certain affiliate transmission service requests (TSRs) on OASIS as transactions involving an Entergy affiliate**
  - **The review process identified transactions that may not have had the affiliate flag appropriately annotated on OASIS**
  - **The issue related to transactions where a company acting as agent for an Entergy affiliate was not properly identified as such within the customer OASIS Certificate identification process utilized by OASIS**
  - **Entergy discovered that there existed the potential that other TSRs may have been submitted by a reservation and scheduling agent for other Entergy affiliates that may not have been appropriately annotated. This error did not impact the granting or denial of any transmission service requests**



## **FERC Filings**

- **March 4, 2010 Filing: Affiliate Flag (Cont.)**
  - **Entergy took corrective action to identify TSRs which did not have the affiliate flag. The list was provided to Entergy Compliance and the ICT. The affiliate flag code enhancement was supplied to Entergy by OATI and put in production on March 15, 2010. A procedure was written for the ICT to follow to manually handle the setting of the flag on these MLCI transactions until which time a long term fix can be applied**
  - **OATI implemented functionality to permit registration of agents doing business on behalf of Transmission customers. New functionality permits affiliate transactions submitted by registered agents to be properly flagged upon receipt**
  - **Entergy is also taking corrective action to implement business practices and procedures to require agents doing business on behalf of Transmission Customers on Entergy's OASIS be registered appropriately**



## FERC Filings

- **March 10, 2010 : Incorrect Outage Entry**
  - **During the Weekly Procurement Process (WPP) on 02/24/2010, the ICT identified and Entergy confirmed that a topology error existed in the RFCalc files**
  - **The input outage file for RFCALC had an outage entry which incorrectly had a line out of service**
  - **On 02/23/2010 a change was made to the description of an outage request in Entergy's Transmission Automated Outage Request System (TAORS) but a required field clarifying the outage type was not changed to match the description**
  - **This incorrect outage type field caused this outage to be inadvertently included in the AFC process. The outage was scheduled from March 2, 2010 to March 12, 2010. On 02/24/2010 at 15:53, the outage information was re-entered correctly. The error may have impacted the AFC calculations for the planning horizon from 02/23/2010, at 18:00 to 02/24/2010 at 18:00. Transmission Service Requests submitted were reviewed and none were denied for the time period identified**



## **FERC Filings**

- **March 16, 2010: Displaced Redirects in WebTrans**
  - On 03/02/2010, during the testing of a new release of webOASIS and subsequent discussions with OATi, it was determined that webOASIS was configured, prior to March 3, 2010, to return capacity that is “DISPLACED” from a reservation redirected on a firm basis to the parent reservation from which the redirected reservation originated
  - The capacity available profile on the parent reservation that had been decremented to support the redirected reservation was incremented when the redirect reservation was “DISPLACED”. This change in available profile value was not reflected in the capacity available value posted on Entergy’s webOASIS
  - The new release of webOASIS Version 3.4.12 that corrected the issue and was placed into production on March 3, 2010. Three redirected reservations were identified that are active. These reservations are being reviewed by Entergy to identify compensatory measures



## **FERC Filings**

- **April 5, 2010: Model Inconsistency**
  - On 03/12/2010, Entergy identified two outages that were not properly included in the AFC model, associated with the implementation of the new AIRLINE substation
  - This error was introduced on 02/16/2010 when AIRLIN substation was added to the network model, splitting the existing SORRENTO - VIGNES line into two line segments. At this time, outages for the new line segments AIRLIN - SORRENTO and AIRLIN - VIGNES should have been included in the models until the full implementation of the AIRLIN substation. This error may have impacted the flowgate flows and response factors for some flowgates
  - The AFC model was corrected on March 12, 2010, as part of the implementation of AIRLIN substation, by modifying the definition of the affected flowgates and removing the Sorrento-VIGNES line from the model



## **FERC Filings**

- **April 5, 2010: Incorrect Outage Dates**
  - **During the Weekly Procurement Process (WPP) two errors were identified**
  - **On 03/24/2010, Entergy identified that a topology error in the network model used in operating and planning horizon of AFC process. The lines connecting external substations Flanders and Hopkins Street were incorrectly showing out of service. The request for the outage was from March 29, 2010 to April 8, 2010. The duration of the outage was incorrectly entered in the AFC process listing outage start date as March 29, 2009 in lieu of March 29, 2010. The incorrect outage duration was included in the AFC process from March 19, 2010 to March 24, 2010**
  - **This error was corrected on March 24, 2010 and may have impacted AFC values for Mar 19, 2010 to Mar 29, 2010**



## **FERC Filings**

- **April 5, 2010: Incorrect Outage Dates (Cont.)**
  - **Additionally, on 03/31/2010, incorrect outage duration was identified for the transformer at the Fisher Substation. A request received on March 24, 2010 for the transformer outage scheduled for April 5, 2010 to April 16, 2010; however, April 4, 2010 was incorrectly used**
  - **The outage information was corrected on 03/31/2010 and may have impacted the AFC values from April 4, 2010, 10:00 AM to April 5, 2010 at 10:00 AM.**
  - **The WPP, related to both errors, was completed with the correct AFC calculations.**

# Questions?



**Tim Phillips**  
**Chair, Entergy User Group**  
**501-614-3562**  
**[tphillips@spp.org](mailto:tphillips@spp.org)**

## Attachment 5



**Southwest Power Pool, Inc.**  
**ICT STAKEHOLDERS POLICY COMMITTEE MEETING**  
**August 26, 2010**  
**Conference Call and Webex**

**• Meeting Minutes •**

1:00 p.m. – 3:00 p.m.

Bruce Rew called the meeting to order at approximately 1:00 p.m. There were 21 participating in the meeting (Attachment 1- Attendance List). Proxies were received as follows; Jennifer Vosburg for Brenda Harris and David Cheshire, Becky Turner for Tina Lee, John Chiles for Seth Brown, and John Heisey for Becky Turner. The purpose of the meeting was to review the proposed SPC charter revisions.

Jeff Price presented the overview of the proposed SPC Charter changes (Attachment 2 – Charter Presentation). The SPC asked several questions during the presentation. Gary Newell asked about the division of responsibilities between the ERSC Working Group and the SPC. The document does not provide details and is that appropriate? It was discussed that at this time the details should not be included in this charter. Dave Wilson mentioned the transition of current working group activities to the SPC in regards to how and when that will be done. The working groups will be presenting the action item list to the SPC. A special SPC meeting was setup on September 17 to have the working groups present their action items and for the SPC to review.

Jeff Price presented specific comments he received from Ronnie Frizzell with Arkansas Electric Cooperatives. Comments were discussed in Section 2.1.1, and 8.1.2. Al Ralston with Entergy also noted that Section 4.5 had an old reference to Section 6 that should be Section 5. In Section 2.1.1 the SPC recommended changes as shown in the attached document (Attachment 3 – SPC Charter revisions) based on comments and discussion. This was to better represent the scope of responsibilities of the SPC. Section 8.1.2 was modified to provide the possibility that an ERSC member may be the appropriate representative rather than an ERSC working group member. Jennifer Vosburg recommended approval of the revised SPC Charter and John Chiles seconded the motion. The SPC approved the changed document (Attachment 4 – Voting). Gary Newell asked for additional time to vote on the Charter until Friday at 5 pm. The SPC granted that extension for those who needed additional time.

The next SPC webex meeting will be held on September 17 at 10 am until noon. The LTTIWG, NTTIWG, and WPPIWG Chairs will distribute their action items list on September 3.

Respectfully Submitted,

Bruce Rew

*Relationship-Based • Member-Driven • Independence Through Diversity*  
*Evolutionary vs. Revolutionary • Reliability & Economics Inseparable*

ICT Stakeholders Policy Committee Teleconference Attendance  
08/26/10

Company	Last Name	First Name	Email	Attending
	Allen	Thomas	tom.allen@gdfsuezna.com	X
Marathon Petroleum Co LLC	Barfield	Carol	crbarfield@marathonpetroleum.com	X
	Bernstein	Glen	gbernstein@sidley.com	X
Calpine	Charytoniuk	Wiktor	charytoniukw@calpine.com	X
ExxonMobil	Cheshire	David	David.A.Cheshire@exxonmobil.com	X
GDS Associates, Inc.	Chiles	John	john.chiles@gdsassociates.com	X
ConocoPhillips	Clynes	Terri	Terri.Clynes@Conocophillips.Com	X
Southwest Power Pool	Gorter	Kim	kgorter@spp.org	X
Southwest Power Pool	Hudson	Dowell	dhudson@spp.org	X
Tenaska	Lane	Sarah	slane@tnsk.com	X
Arkansas Public Service Commission	Loudenslager	Sam	sam_loudenslager@psc.state.ar.us	X
Entergy Services, Inc.	McCulla	Mark	mmccul1@entergy.com	X
	McElhaney	Steve	smcelhaney@smepa.coop	X
Thompson Coburn, LLP	Newell	Gary	gnewell@thompsoncoburn.com	X
	Price	Jeffrey	price@wrightlaw.com	X
Entergy Services	Ralston	Alan	aralsto@entergy.com	X
Southwest Power Pool	Rew	Bruce	brew@spp.org	X
NRG Louisiana Generating, LLC	Vosburg	Jennifer	jennifer.vosburg@nrgenergy.com	X
ConocoPhillips	Walker-Ratliff	Joan	joan.walker-ratliff@conocophillips.com	X
Entergy	Wells	Connie	cwells@entergy.com	X
Zachary David Wilson, P.A.	Wilson	Zachary	zdwpa@cei.net	X

---

# SPC Charter Reform Task Force Update

---

Jeffrey W. Price  
Wright & Talisman, P.C.

---

## Overview

- ERSC Coordination
  - SPC Formal Positions
  - Appeal Process
  - Meeting Coordination
- Stakeholder Representative
- Working Group Revision
- SPC/ERSC Coordination Committee

### *ERSC Coordination*

- Formal Positions of the SPC – Section 7
  - ERSC and/or ERSC WG now included in SPC formal position process
  - ICT still provides final independent opinion after considering SPC position, Entergy Response, and any ERSC/ERSC Working Group Response.
  - Addition of specific response time unless otherwise agreed upon
- Appeal Process – Section 7.5
  - If a stakeholder requests SPC consideration of a specific issue and the SPC declines, the stakeholder may appeal the decision to the ICT or ERSC for consideration and further discussion
- Meeting Coordination – Section 4.1
  - SPC will coordinate meeting schedules with ERSC Working Group meetings.

3

### *Stakeholder Representative*

- Section 4.5 now provides for an Elected Stakeholder Representative
  - Elected Annually by approved voting process
  - Works directly with ICT to develop SPC agenda
  - Participates on Coordination Committee
  - Potential delegation of tasks by the ICT

4

---

### *Working Group Revisions*

- LTTIWG, NTTIWG and WPPIWG will be disbanded and all open issues will be referred to the SPC
  - Section 6 provides for limited duration SPC Task Forces to consider specific issues and develop information for the SPC
  - Stakeholders are allowed to chair/lead SPC Task Forces
  - SPC Task Forces are required to issue written opinion/recommendation to the SPC
- 

5

---

### *SPC/ERSC Coordination Committee*

- Section 8 provides for the formation of a Coordination Committee primarily to coordinate the schedules and issues arising in the each forum to prevent duplication of efforts.
  - The SPC/ERSC Coordination Committee will also maintain a list of issues and action items and ensure that each member of the committee is fully informed on the status of the various issues working through the SPC and ERSC
  - The Coordination Committee will be made up of the ICT, the Stakeholder Representative, an Entergy staff member and a member of the ERSC Working Group
- 

6

---

### *Next Steps*

- Final Meeting of the Working Groups
  
  - Next Meeting of the SPC
    - Election of Stakeholder Representative
    - Development of Issue List and Prioritization
    - Discussion of Permanent Agenda Items (i.e. WPP report, Attachment K process report, etc.)
- 

7

---

### *Questions?*

Contact Information:

Jeffrey W. Price  
Wright & Talisman, P.C.  
1200 G Street, N.W., Suite 600  
Washington, D.C. 20005  
202-393-1200  
202-393-1240 (fax)  
[price@wrightlaw.com](mailto:price@wrightlaw.com)

---

8

# REVISED DESCRIPTION OF STRUCTURE, ROLE AND OPERATION OF ENTERGY STAKEHOLDER POLICY COMMITTEE AND USERS GROUP

(August 20, 2010)

## 1. PURPOSE

- 1.1. This document (“The Revised SPC Charter”) is intended to replace the “Description of Structure, Role, and Operation of Entergy Stakeholder Policy Committee and Users Group” dated August 23, 2006 which established a framework for conducting stakeholder meetings and processes referred to in the ICT Agreement, the Entergy OATT and FERC’s April 24, 2006 order in Docket No. ER05-1065-000. This document is not intended to and shall not modify in any respect any provision of the Entergy OATT or the ICT Agreement. Any conflict between (i) this document and the stakeholders processes established herein and (ii) any applicable provision of the Entergy OATT or the ICT Agreement shall be resolved by the ICT in favor of the Entergy OATT or the ICT Agreement.

## 2. STAKEHOLDER POLICY COMMITTEE

- 2.1. Entities with a direct interest in transmission services and/or wholesale power transactions in the Entergy region shall form a Stakeholder Policy Committee (“SPC”). The SPC shall be a forum for transmission customers, market participants and other interested parties to interact with the ICT and Entergy for the purpose of addressing issues and problems of concern and seeking consensus-based solutions to those issues and concerns. Among other things, the SPC may provide the ICT and/or the Entergy Regional State Committee (“ERSC”) specific recommendations as to ICT or Entergy policies, practices and procedures (as described in Section 7 below), and the ICT shall assist and provide information to the SPC as may be necessary and appropriate to facilitate the SPC’s informed consideration of potential recommendations.

- 2.1.1. In accordance with Section 4 herein, the ICT shall organize meetings of the SPC with the goal of addressing and developing mutually satisfactory solutions to issues relating to the Entergy OATT or services there under~~transmission system~~ brought to the attention of the ICT or Entergy by the SPC as a whole, any member of the SPC, or any other directly interested party, including the Entergy Regional State Committee (“ERSC”) and its Working Group.

- 2.1.2. Subject to the applicable provisions of the ICT Agreement and the Entergy OATT and any valid claim of privilege or confidentiality, the ICT shall provide to the SPC such information as may be reasonably requested by the SPC for its own use, or for the use of a SPC Task Force formed to study a specific issue (as described in Section 6 below). The ICT shall not be required to provide information reasonably available to the SPC or its members from other sources accessible by the SPC.

- 2.1.3. The ICT shall in good faith consider and give due regard to the views and positions of the SPC formally adopted in accordance with Section 7 herein in formulating the ICT's policies, practices, procedures and formal recommendations to Entergy.
- 2.2. In its reports to FERC and other regulators, the ICT shall provide a narrative discussion of positions of the SPC that have been adopted by a formal vote of the SPC pursuant to Section 7 herein.
  - 2.2.1. The ICT's determinations regarding any recommendation tendered by the SPC shall be discussed in the ICT's next-following set of reports to regulatory agencies.
  - 2.2.2. Upon the request of a majority of SPC members that vote against a formal recommendation or resolution, the ICT shall include in its reports a description of the "minority position" of those members.
  - 2.2.3. Provided that no person, party or agent is granted authority to screen the ultimate findings, conclusions, and recommendations developed by the ICT as provided for in Attachment S of the Entergy OATT, the ICT shall endeavor to consult with the SPC prior to making any filing that includes a description of a SPC position and/or minority position. The ICT shall endeavor to accommodate comments received from the SPC or any member thereof that are intended to improve the accuracy of the ICT's description of the SPC and/or minority position to be included in the ICT's report.

### **3. USERS GROUP**

- 3.1. Pursuant to FERC's April 24, 2006 order, a "Users Group" shall be formed for the following purposes:
  - 3.1.1. to assess how the Entergy transmission and data (IT) systems are performing, especially in terms of data access, quality and retention (Order at P 109);
  - 3.1.2. to conduct with the ICT annual reviews of error rates associated with Entergy data in accordance with the metrics discussed in the April 24 Order, including any relevant information (Order at P 110);
  - 3.1.3. to recommend to FERC and/or Entergy's state regulators, as appropriate, either in conjunction with the ICT or separately, changes to Entergy IT systems and IT resource allocations (*id.*);
  - 3.1.4. to receive notification from Entergy if Entergy discovers that it has lost data, or reported inaccurate data, or otherwise believes that it has mismanaged data, such notification to be provided within 15 days of any such discovery (*id.*);
  - 3.1.5. to address concerns raised by Entergy's transmission customers that they lack sufficient feedback from Entergy after they have been denied transmission service (Order at P 111);

- 3.1.6. to propose to FERC an appropriate means by which transmission customers can be given access to inputs into the AFC and planning processes and the models used under the direction of the ICT (*id.*);
  - 3.1.7. to work with Entergy to alleviate any problems related to the completeness and accuracy of Entergy's data and the preservation of such data (including but not limited to AFC-related data) (Order at P 304); and
  - 3.1.8. to provide the ICT with information that will help FERC in assessing the performance metrics identified in paragraph 304 of the April 24 Order (*id.*).
- 3.2. Not less often than quarterly, the Users Group, the ICT and IT experts from Entergy shall meet so both Entergy and the ICT are made aware of any problems with the those systems. At such meetings, the Users Group also shall discuss proposed solutions with the ICT and IT experts (Order at P 109).
- 3.3. The Users Group shall be an adjunct to the SPC
- 3.3.1. The Users Group shall keep the SPC informed on an ongoing basis regarding all matters being addressed by the Users Group in its interactions with the ICT. The Users Group shall coordinate and consult with the SPC with regard to positions to be asserted by the Users Group in its interactions with the ICT.
  - 3.3.2. In the event the Users Group and the ICT identify issues concerning any matter being discussed that cannot be resolved, the matter shall be brought to the attention of the SPC. The SPC shall determine what, if any, stakeholder action should be taken to obtain resolution of the matter. The Users Group shall not have authority to make any representations on behalf of the SPC without the express authorization of the SPC.

#### **4. STAKEHOLDER POLICY COMMITTEE MEETINGS**

- 4.1. The ICT shall convene meetings of the SPC in conjunction with the ERSC Working Group or as the Chairman of the SPC otherwise determines is appropriate. In addition, if any five (5) or more stakeholder entities jointly call for a meeting of the SPC, the ICT shall convene such a meeting as soon thereafter as practicable.
- 4.2. Any transmission customer, market participant or other entity with a direct interest in transmission or wholesale power service in the Entergy region may attend and participate in SPC meetings. Other than as necessary to maintain good order, the Chairman of the SPC may not preclude any interested party from participating in a SPC meeting, except the Chairman may, in the exercise of its reasonable discretion, limit attendance and/or participation in portions of SPC meetings by attendees that are not stakeholders eligible to vote on matters pending before the SPC, when such a limitation is deemed by the Chairman to be conducive to the goals of the stakeholder process.

- 4.3. Any regulatory body that has jurisdiction over any part of Entergy Corp. and its regulated affiliates (hereinafter “Entergy”) may attend and participate in SPC meetings.
- 4.4. Except as otherwise provided in Section 4.2, any representative of Entergy may attend and participate in SPC meetings, but Entergy will not be considered a stakeholder or stakeholder member of the SPC and will not vote as such.
- 4.5. The ICT shall arrange for all meetings and shall appoint an ICT staff member as the Chairman of all SPC meetings, which are designed to develop consensus-based resolutions to any issues or concerns raised by any stakeholder or otherwise brought before the SPC. The Chairman has the authority to delegate tasks, including facilitating meetings, to the Stakeholder Representative described herein or any other member of the SPC. Further, a stakeholder shall be elected annually as a Stakeholder Representative, through a vote pursuant to Section 56 herein, and will work directly with the Chairman to set the agenda of SPC meetings and participate in the Coordination Committee as described in Section 8 herein. The Chairman of the SPC shall utilize reasonable, efficient and fair procedures in conducting SPC meetings. In the event of any disagreement concerning those procedures, the Chairman’s position shall control pending further discussion of the matter or other form of dispute resolution.
- 4.6. Notice of SPC meetings shall be provided as follows:
  - 4.6.1. Notice of each SPC meeting shall be posted on a dedicated node on the SPP website as far in advance of the date of each meeting as practicable. The final agenda and background materials for the meeting shall be posted no later than 5 business days prior to the date of the meeting.
  - 4.6.2. The ICT shall maintain an e-mail ListServ of SPC representatives and other interested parties, which shall be used for disseminating notice of SPC meetings and meetings of SPC Task Forces to address specific issues, and for issuing any other communications that the SPC wishes to publish to interested parties.
  - 4.6.3. At least 15 business days before any SPC meeting, the ICT shall circulate by ListServ a proposed agenda for the meeting (except in the case of special or emergency meetings, for which the ICT shall circulate by ListServ a proposed agenda as soon as practicable after the need for the meeting has been determined). Any stakeholder may request one or more additions to the draft agenda, and the ICT shall include such additional items on the agenda for the SPC meeting provided that the proposed agenda items are within the ambit of matters subject to the consideration of the SPC.

## **5. STAKEHOLDER POLICY COMMITTEE PROCEDURES**

- 5.1. The SPC shall develop all such rules and procedures for its own governance as necessary. This Revised SPC Charter specifically adopts the voting procedures adopted by the SPC on September 20, 2006 and procedures for communicating

individual stakeholder positions to the ICT and/or regulatory bodies adopted by the SPC on June 19, 2008.

- 5.2. The SPC procedures and rules shall be posted on the node of the SPP website dedicated to ICT activities.
- 5.3. This Revised SPC Charter also adopts the standards regarding meetings via conference phone and any notice deadlines required for each such meeting adopted by the SPC on September 20, 2006.

## **6. STAKEHOLDER POLICY COMMITTEE TASK FORCES**

- 6.1. The SPC may form an SPC Task Force upon recommendation of an SPC member or the ICT through a majority vote of the SPC membership in accordance with the voting rules described in Section 5 herein. The purpose of any such SPC Task Force shall be to conduct focused consideration and interaction with the ICT, Entergy and/or the ERSC Working Group on particular matters and to provide technical basis for any position/recommendation of the SPC. Such SPC Task Forces shall be formed for a limited duration and shall report back any findings or information to the SPC as required by the SPC. SPC Task Forces shall also provide a written report for publication to the SPC upon request of a majority of the SPC membership.
- 6.2. Stakeholders shall appoint a representative set of individuals to act as the members of each SPC Task Force. Those representatives shall appoint a Chair and a Co-chair from among the ICT and individual stakeholders appointed to serve on each SPC Task Force. Meetings of the SPC Task Forces shall be open to any interested stakeholder, any representative of Entergy, and any interested regulatory body that has jurisdiction over Entergy. Notice of a SPC Task Force meeting shall be posted on the SPP Website as soon as practicable after the date for the meeting is set, but in no event shall such posting be made less than 7 business days in advance of such meeting.

## **7. FORMAL POSITIONS OF THE STAKEHOLDER POLICY COMMITTEE**

- 7.1. In the event that the SPC adopts a formal position and/or recommendation on an Entergy-related issue pursuant to the voting procedures outlined in Section 5 herein, the SPC shall present this position/recommendation in writing to Entergy and the ICT. The ICT will also provide the same to the ERSC through its Working Group.
- 7.2. After receipt of such position/recommendation, Entergy shall be required to prepare a formal response in writing no later than three weeks after receiving the recommendation, unless a different deadline is specified by the ICT, provided that nothing in this Revised SPC Charter prevents Entergy from submitting additional information regarding a matter after the time specified in this Section 7.2. The Entergy response must detail Entergy's reasons for adopting or rejecting the SPC position/recommendation including any supporting documentation relied upon to develop the response.
- 7.3. The ICT will then consider the SPC position/recommendation, the Entergy response, and the position of the ERSC (or its Working Group), if any, and develop a written response regarding its independent position supporting or declining to support the SPC position/recommendation no later than three weeks after receiving the recommendation, the Entergy response and any ERSC/ERSC Working Group response, unless a different deadline is specified by the ICT. The ICT response must detail the ICT's reasons for supporting or declining to support the SPC position/recommendation including any justifications relied upon to develop its response.
- 7.4. The SPC position/recommendation (including a minority response if applicable), the Entergy response, any ERSC/ERSC Working Group response, and the ICT response will be included in the ICT's quarterly reports to the FERC pursuant to Section 2.2 herein.
- 7.5. In the event the SPC declines to address a specific issue after a request by a member of the SPC, the member may appeal the SPC decision in writing to either the ICT or ERSC for further consideration. The ICT or ERSC will provide a written response to the appeal for discussion at the next available SPC meeting. Such response will provide an independent determination by the ICT or ERSC whether the issue should be addressed by the SPC as well as a recommendation on the next steps to address the stakeholder concern.

## **8. SPC/ERSC COORDINATION COMMITTEE**

- 8.1.1. The SPC and ERSC shall form a SPC/ERSC Coordination Committee designed to coordinate the issues, action items and topics being discussed by each group and to provide updates on the progress of each group. No Committee member shall have the authority to bind any other party or group but each member shall in good faith attempt to gain consensus regarding the correct forum for the action item or issue to

be addressed and provide regular updates to the other members of the Committee on on-going issues being discussed in each group.

- 8.1.2. The SPC/ERSC Coordination Committee shall be comprised of the Chairman of the SPC, the Stakeholder Representative for the SPC, an Entergy staff member and a member of the ERSC or ERSC Working Group.
- 8.1.3. The SPC/ERSC Coordination Committee shall hold regular meetings and/or teleconferences not less than once per month and as often as necessary to coordinate the activities of the SPC, the ERSC, and the ERSC Working Group and provide updates to each group.
- 8.1.4. The SPC/ERSC Coordination Committee shall maintain a schedule of action items and due dates that shall be reported to the SPC and ERSC. Key metrics of the schedule shall be included in the ICT quarterly reports.
- 8.1.5. The SPC/ERSC Coordination Committee shall regularly report to the ERSC and SPC on the status and progress of issues, action items and topics being discussed in each forum.

## **9. MISCELLANEOUS**

- 9.1. No individual or member may speak on behalf of the SPC without the SPC's express authorization, as adopted through formal vote.
- 9.2. No SPC member shall be responsible for the costs of any other SPC member.
- 9.3. No SPC member shall be responsible for any costs, other than the costs incurred by its own staff or representatives in participating in SPC activities, without such member's express agreement to bear such other costs.
- 9.4. The availability of the issue identification and resolution processes established herein shall not affect any party's right to exercise at any time any other legal remedy or process that may be available to that party, and the party shall not be required to pursue or exhaust any process described herein before pursuing such alternative relief, remedy or form of dispute resolution.
- 9.5. No SPC member shall be bound by any SPC position, including those positions as may be adopted by formal vote, in any regulatory or other proceeding.

Recommendation:	To approve the revised SPC Charter.		
	For	Against	Obstention
Company Name			
Arkansas Cities	1		
Arkansas Electric Coop. Corp.			
American Electric Power Service			
Benton Arkansas Utilities System	1		
Calpine Corp	1		
Cargill Power Markets, LLC			
City Water & Light			
Clarksdale Public Utilities			
Cleco Power LLC			
ConocoPhillips	1		
Constellation Energy			
Conway Corporation	1		
Cottonwood Energy Company, LP			
East Texas Electric Cooperative, Inc.	1		
Entegra Power Group	1		
ExxonMobil Power and Gas Services Inc.	1		
GDF SUEZ Energy North America	1		
Hope Water & Light	1		
KGen Power Management (Hinds, Hot Spring)	1		
Lafayette Utilities System			
Louisiana Energy & Power Authority			
LS Power			
Marathon Petroleum Co LLC	1		
Miss.Delta Energy Agency			
Municipal Energy Agency of MS (MEAM)			
North Little Rock Electric Department	1		
NRG Energy	1		
Occidental Chemical Corp.	1		
Osceola	1		
PPG Industries, Inc.			
Prescott	1		
SMEPA			
Tenaska Power Services Co.	1		
The Empire District Electric Company			
West Memphis Util. Comm.	1		
Williams Power Company			
	19		0
<b>Percentage Approving</b>	<b>100.0%</b>		
<b>Recommendation Approved?</b>	<b>YES</b>		

## Attachment 6

Entergy hereby responds to Union Power Partners / Entegra Power Group's questions regarding the Entergy Transmission Local Planning Criteria ("Planning Criteria"). The Planning Criteria are used in Entergy's long-term transmission planning process.

- 1) Is the Local Planning Criteria document dated 2/25/2007 being used for the 2010 Base Plan development and Entergy's Construction Plan? Or, is the amended version dated 11/24/08 and labeled "Draft" being used for these purposes?

**Response:**

Entergy is currently using the 2/25/2007 version of the Planning Criteria. Entergy notes, however, that although the Planning Criteria permit the use of "Note B" to current NERC TPL standard TPL-002, in the 2010 Construction Plan Entergy begins phasing out the use of "Note B." As Entergy has explained, it is eliminating the use of "Note B" in anticipation of industry approval of the proposed NERC transmission planning standard TPL-001-1, which when approved will likely phase out the allowable use of "Note B."

- 2) For both versions, Section 7.6 discusses load pockets and describes reasons why more stringent reliability planning criteria may be necessary for these areas. Specifically, Entergy states that "when local network generation has a high forced outage rate or long start-up time, a more stringent reliability criterion may be appropriate...." Has Entergy provided the ICT with any additional study work or cited industry precedent that would warrant its use of its N-2 criteria for load pockets? If so, what has Entergy provided and has the ICT independently evaluated the materials and Entergy's statement?

**Response:**

Entergy has not provided the ICT with any additional documentation beyond what is described in the Planning Criteria. Entergy notes that the above referenced quote from the Planning Criteria is used only as an example of the circumstances under which a load pocket may require more stringent reliability criteria.

- 3) Has Entergy evaluated the impact on RMR requirements and import limitations for load pockets using its current generation portfolio? Specifically, has Entergy evaluated the impact of the 10-year Oxy-Taft and multi-year Frontier purchase power contracts in meeting the needs of its load pockets? Also, does Entergy regularly update the information and study work to take into account other changes to assumptions in its evaluation? When was the last evaluation performed?

**Response:**

Entergy regularly updates the inputs used to calculate import limitations. Listed below are the studies performed and their periodicity.

- Amite South Import Limit: 10 day outlook values are updated at least weekly. Weekly average values for the next month are updated monthly.
- Amite South Export Limit: 10 day outlook values are updated at least weekly.
- West of the Atchafalaya Basin (WOTAB) Import Limit: 10 day outlook values are updated at least weekly. Weekly average values for the next month are updated monthly.
- Sheridan South Import Limit: 10 day outlook values are updated at least weekly.

Entergy re-evaluates its RMR requirements, including the impact of its generation portfolio at the time of the evaluation, when circumstances warrant. The latest update of RMR requirements, addressing generation in Arkansas and Mississippi, occurred in the Fall of 2009. An update of RMR studies is currently ongoing.

- 4) Entergy describes a load pocket as “...areas of the system which must be served at least in part by local generation.” Is WOTAB considered a load pocket? If not, why?

**Response:**

Generally, the WOTAB area is considered a load pocket. However, unlike the Western Region, Amite South, and DSG areas, the WOTAB region has sufficient network resources and sufficient import capability such that more stringent planning criteria need not be applied. Thus, under the Planning Criteria, the WOTAB area is not considered a load pocket.

- 5) Is there an established spinning and operating reserve requirement assumption for each of the identified load pockets as well as the WOTAB region? If so, does Entergy hold 100% spinning reserve within the load pocket to meet this need or is some load curtailment in combination with local reserves assumed for N-2 conditions?

**Response:**

For purposes of long-term transmission planning, there is no established spinning and operating reserve requirement. Spinning and operating reserve

requirements thus are not addressed in the Planning Criteria. Those requirements instead are part of resource planning.

- 6) In identifying reliability upgrades, does the ICT or Entergy monitor the transmission lines into WOTAB and Amite South to ensure some “pre-determined” import limit is not exceeded? If not, is generation in WOTAB and Amite South dispatched such that import into these areas is effectively limited to some pre-determined level in the analysis?

**Response:**

For long-term transmission planning, Entergy has proposed, but not yet adopted, an import limit range for the Amite South load pocket. There is no import limit range for WOTAB for long-term transmission planning.

- 7) For the Amite South area, it states that “The Amite South area’s effective load-serving capability is established considering the loss of (a) the most critical transmission element, which is typically the Waterford-Willow Glen 500 kV line, and (b) the largest generating unit within the load pocket.” Does this mean that under an N-2 condition, all transmission system operating limits must be maintained, no overloads or voltage violations and thereby establishing the load-serving “requirement” for the load pocket. Or, has Entergy established a set limit on how much load can be served from local generation and uses this assumption to evaluate the reliability needs of the load pocket including adequate import capability from regions outside the load pocket? If neither of these two scenarios, what does Entergy mean by its statement?

**Response:**

As specified in the Planning Criteria, the reliability assessment considers the simultaneous loss of (1) the largest generating unit within the Amite South load pocket and (2) a transmission element. If, under this G-1, N-1 scenario, potential overloads or voltage violations are identified within the Amite South load pocket, mitigation plans are identified to alleviate those violations. Entergy notes that it also assesses N-2 events over the 10-year planning horizon as part of the NERC Reliability Standard TPL-003 requirements.

- 8) In the DSG Area discussion, Entergy states that it has RMR needs for this load pocket that should be adhered to in planning and maintaining its transmission system. Are the RMR needs driven by the N-2 assumption? Specifically, for voltage support, does Entergy require two sources of reactive power, either of which can meet 100% of the reactive requirements of the

DSG load pocket under an N-1 condition? That is, 100% redundancy to ensure load pocket stability under its N-2 condition?

**Response:**

The request relates to Entergy's RMR guidelines and their development, which are considered highly confidential market-sensitive data. Therefore, the requested information cannot be provided. The available information can be provided to the ICT upon request.

- 9) In the 11/24/2008 draft, Entergy has (or is proposing) to add a requirement that the Amite South import limit be set at a range of 2,100 MW to 2,450 MW. Does this limit include the Amite South II and III projects that went into service last year? What is the basis for this range, historical operations, study results or something else?

**Response:**

The 2,100 to 2,450 MW range of import limits is used to determine whether a transmission project is a reliability upgrade or an economic upgrade. If a transmission project will increase import limits to amounts that do not exceed the specified range, then the project is deemed a reliability project. Otherwise, the project is an economic upgrade. The Amite South import limit range of 2,100 MW to 2,450 MW for reliability needs is based on reliability planning studies and historical operating conditions. One such study is the Phase II Transmission Study performed in conjunction with the LPSC.

The Amite South Phase II and III projects were constructed for economic reasons, not reliability. While these projects increased the Amite South import limit to approximately 2,800 MW, they do not impact the 2,100 MW to 2,450 MW import range for reliability.

## Attachment 7

Att 7- Becky Turner Follow Up Comm 060910

From: Turner, Becky  
Sent: Wednesday, June 09, 2010 12:25 PM  
To: Jody Holland  
Cc: Bruce Rew; Tony Green; Steve Purdy; Carl Monroe  
Subject: RE: Questions on Entergy's Local Planning Criteria -- Official Communication

Jody, I am planning on following up with some additional questions, but I am wondering on the question 9), does Entergy/ICT take the Amite South II and III upgrades out of the models when evaluating reliability needs? If not, how can you determine if a project would impact the 2,100 to 2,450 when the import limit is already at ~2,800MW? Thx, Becky

From: Jody Holland [mailto:JHolland@SPP.ORG]  
Sent: Wednesday, June 02, 2010 6:44 PM  
To: Becky.E.Turner  
Cc: Bruce Rew; Tony Green; Steve Purdy; Carl Monroe  
Subject: RE: Questions on Entergy's Local Planning Criteria -- Official Communication

Becky,  
Entergy has responded to your nine questions dated 3/25. I've just finished my review of Entergy's responses dated 5/25. I expect the questions and answers to be included in the ICT 2nd Quarter Report. The timeline will also be included.

Jody Holland

From: Becky.E.Turner [mailto:BTurner@entegrapower.com]  
Sent: Thursday, March 25, 2010 4:50 PM  
To: Jody Holland  
Cc: Bruce Rew; Tony Green; Steve Purdy  
Subject: RE: Questions on Entergy's Local Planning Criteria -- Official Communication

I would prefer that the ICT coordinate with Entergy in developing its answers. This would be more efficient and I am sure more effective. I have discussed many of these questions with Roberto and he believes that many of the stakeholders would appreciate more clarification. I am fine with the ICT posting any clarifications to my questions on the LTTIWG site or Entergy's OASIS information page.

Thanks for your help, Becky

From: Jody Holland [mailto:JHolland@SPP.ORG]  
Sent: Thursday, March 25, 2010 5:47 PM  
To: Becky.E.Turner  
Cc: Bruce Rew; Tony Green; Steve Purdy  
Subject: RE: Questions on Entergy's Local Planning Criteria -- Official Communication

Becky,  
We are in receipt of your questions and will develop answers to those questions in the ICT purview. Many of the questions are appropriately addressed to Entergy. Have you or do you plan to provide these questions to Entergy? Is it your intention that the ICT provide these questions to Entergy? Thank you.

Jody Holland  
501-614-3315

Att 7- Becky Turner Follow Up Comm 060910  
From: Becky.E.Turner [mailto:BTurner@entegrapower.com]  
Sent: Thursday, March 25, 2010 1:45 PM  
To: Steve Purdy  
Cc: Jody Holland; Bruce Rew  
Subject: Questions on Entergy's Local Planning Criteria -- Official Communication

Steve,

I have attached a list of questions regarding Entergy's Local Planning Criteria that would help greatly in understanding the information/requirements provided in this document.

Please let me know if you have any questions or need further explanation on any of these questions.

Thank you,

Becky Turner  
813-301-4925

## Attachment 8



**Entergy Services, Inc.**  
Mail Unit L-ENT-24A  
639 Loyola Avenue  
New Orleans, LA 70113  
Tel 504-576-4993  
Fax 504-576-5123  
e-Mail [gpierc2@entergy.com](mailto:gpierc2@entergy.com)

---

**Gregory D. Pierce**  
Director Transmission Compliance

June 3, 2010

**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,<sup>1</sup> 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 summaries of mismanaged data.

---

<sup>1</sup> 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."

### **Modeled Reservation File**

On May 24, 2010, Entergy confirmed an issue identified by the ICT had the potential to affect certain reservations in the Operating and Planning Horizon. For certain TSRs, the modeled MW capacity printed in the “MOD file” was inconsistent with actual modeled MW capacity in the base flow MW sent to webTRANS. Upon further investigation by AREVA it was determined that the issue only existed where “Load of a network customer is fully met without modeling any reservations in basecase and the local variables used in RFCALC code for writing reservation modeled capacity to MOD Files have a non zero value from previous runs”. This issue did not impact RFCALC’s ability to model reservations correctly, hence it did not impact base flow calculations or response factors in RFCALC. This error was introduced with the implementation of webTrans on September 28, 2009.

### **Load Schedules for External Control Areas**

On May 20, 2010, Entergy identified that load schedules for some external control areas were constant for all seven days of the week. The control areas affected were AECE, CSWS, EDE, AMIL, SPA, OKGE and LEPA from 10:00 AM May 19, 2010, until corrected around 9:00 AM on May 20, 2010. Entergy uses a manual process to update the load forecast of these areas every business day. During the execution of this manual process an error was made which resulted in incorrect load forecast values for these areas. The error may have impacted base flow values for Operating and Planning Horizons. However, the impact to specific TSRs cannot be determined.

### **EMS Network Model**

During the Weekly Procurement Process (WPP) quality checks on May 20, 2010, it was identified that a topology error in the network model used in the Operating and Planning Horizons existed. The 115 KV line between NLR Palm Street and NLR Dixie substation was incorrectly showing out of service for all time points in RFCALC. A breaker connecting the load at the station to the rest of the system was incorrectly designated as normally open in the network model resulting in RFCALC model being incorrect. The error existed from 5:05 PM May 13, 2010, until it was corrected at 10:05 AM on May 25, 2010. The error may have impacted the base flow and response factors for Operating and Planning Horizons; however, the impact, if any, would have been minimal because the load was only approximately 20 MW.

### **Inconsistent AFC Values**

On May 21, 2010, it was identified that for most hours of May 24, 2010, PUPP was oversold by 100MW. Upon further investigation, it was determined that webTrans was not properly removing “Recall credits” resulting in the AFCs to be incremented. A manual workaround was implemented by the ICT on May 21, 2010, and continued until the software fix was put in production on May 24, 2010. This error potentially impacted the Operating, Planning and Study Horizons.

Kimberly D. Bose, Secretary  
June 3, 2010  
Page 3

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 3rd day of June, 2010, 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  
Mail Unit L-ENT-24A  
New Orleans, LA 70113  
Tel: (504) 576-4296

## Attachment 9



**Entergy Services, Inc.**  
Mail Unit L-ENT-24A  
639 Loyola Avenue  
New Orleans, LA 70113  
Tel 504-576-4993  
Fax 504-576-5123  
e-Mail [gpierc2@entergy.com](mailto:gpierc2@entergy.com)

---

**Gregory D. Pierce**  
Director Transmission Compliance

June 24, 2010

**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,<sup>1</sup> 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.

---

<sup>1</sup> 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  
June 24, 2010  
Page 2

### **Network Model Reservation File**

On June 10, 2010, Entergy identified an issue where the EMS Network Model incorrectly identified Plum Control Area's only generator as an Independent Power Producer (IPP). This resulted in RFCALC not modeling the generator in Plum Control Area as an Automatic Generation Control (AGC) unit. RFCALC has controls to disable AGC status of IPPs and Qualified Facilities (QF) to ensure that units are dispatched based on reservations and schedules. Plum is defined as an area type source in RFCALC and RFCALC requires at least one generator on AGC in the control area to model any reservations and schedules on area type sources. Because of this error, the Plum area had no generator on AGC thus; RFCALC was unable to model any reservation and schedules with Plum as source in the Operating and Planning Horizons. This error was introduced on May 10, 2010 and Entergy corrected the issue on June 11, 2010.

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 24th day of June, 2010, 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/ Agnes C. Buffone  
Agnes C. Buffone  
Mail Unit L-ENT-24A  
New Orleans, LA 70113  
Tel: (504) 576-3365

## Attachment 10



**Entergy Services, Inc.**  
Mail Unit L-ENT-24A  
639 Loyola Avenue  
New Orleans, LA 70113  
Tel 504-576-4993  
Fax 504-576-5123  
e-Mail gpierc2@entergy.com

---

**Gregory D. Pierce**  
Director Transmission Compliance

July 1, 2010

**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,<sup>1</sup> 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.

---

<sup>1</sup> 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  
July 1, 2010  
Page 2

### **Network Model Reservation File**

On June 18, 2010, Entergy identified an issue where the participation factor used for Willow Glen Unit G4 was incorrect. Since July 2009, the participation factor file used in the AFC process contained Willow Glen Unit G5 instead of G4 resulting in the participation factor for Unit G4 to be incorrectly set. Willow Glen Unit G5 had been placed on inactive reserve and was not used in response factor calculation since it was modeled as offline. The issue was discovered during the software testing and was corrected on June 18, 2010. The impact on the response factors calculated for paths with EMO as sink would be minimal since this was only one unit with an incorrect participation factor out of a total of 57 units used in EMO sink.

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 1st day of July, 2010, 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  
Mail Unit L-ENT-24A  
New Orleans, LA 70113  
Tel: (504) 576-4296

## Attachment 11



**Entergy Services, Inc.**  
Mail Unit L-ENT-24A  
639 Loyola Avenue  
New Orleans, LA 70113  
Tel 504-576-4993  
Fax 504-576-5123  
e-Mail [gpierc2@entergy.com](mailto:gpierc2@entergy.com)

---

**Gregory D. Pierce**  
Director Transmission Compliance

July 8, 2010

**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,<sup>1</sup> 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.

---

<sup>1</sup> 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  
July 8, 2010  
Page 2

### **Duplicate Flowgates**

On June 24, 2010, the ICT identified an error in the file containing the participation factors and baseflows for the Operating and Planning Horizon. The data in the file created by RFCALC contains up to the 15 most limiting flowgates for each transfer path for each hour/day of the horizon resyncs. This error resulted in the file containing duplicate flowgates with incorrect response factors for several transfer paths for certain hours/days of resync. Entergy determined that an error existed in a piece of code that was deployed into production on June 21, 2010 around 14:00. A temporary fix was implemented on June 25, 2010, at 17:00 until a permanent software fix is developed by the vendor. This issue may have potentially impacted firm and non firm reservations in the Operating and Planning Horizon that were queued between June 21, 2010, 14:05 and June 25, 2010, 17:00.

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 8th day of July, 2010, 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/ Agnes C. Buffone  
Agnes C. Buffone  
Mail Unit L-ENT-24A  
New Orleans, LA 70113  
Tel: (504) 576-3365

## Attachment 12



**Entergy Services, Inc.**  
Mail Unit L-ENT-24A  
639 Loyola Avenue  
New Orleans, LA 70113  
Tel 504-576-4993  
Fax 504-576-5123  
e-Mail [gpierc2@entergy.com](mailto:gpierc2@entergy.com)

---

**Gregory D. Pierce**  
Director Transmission Compliance

July 28, 2010

**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,<sup>1</sup> 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.

---

<sup>1</sup> 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  
July 28, 2010  
Page 2

### **Incorrect Modeling of Stack Reservations**

On July 12, 2010, Entergy identified an error in the way RFCALC was using the stack reservation files in the Planning Horizon. The stack file is provided by customers and includes reservations for peak and off-peak hours for each day of AFC operating and planning horizon. The duration of reservations specified in peak hour may span the off-peak hours and vice versa; however, RFCALC should only model the reservations as specified by the customer in the stack file. Due to a software error, RFCALC was using some peak hour reservations to meet the network customer load in an off-peak time point. This error was introduced in an April 2009 code release. A manual workaround was put in place on July 13, 2010. A permanent software fix for the issue was put in place on July, 21, 2010.

This issue only affected certain reservations modeled in the Planning Horizon where ENTEMO was the sink. At this time Entergy cannot determine the specific impact of this error on AFC values.

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 28th day of July, 2010, 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  
Mail Unit L-ENT-24A  
New Orleans, LA 70113  
Tel: (504) 576-4296

## Attachment 13



**Entergy Services, Inc.**  
Mail Unit L-ENT-24A  
639 Loyola Avenue  
New Orleans, LA 70113  
Tel 504-576-4993  
Fax 504-576-5123  
e-Mail [gpierc2@entergy.com](mailto:gpierc2@entergy.com)

---

**Gregory D. Pierce**  
Director Transmission Compliance

August 13, 2010

**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,<sup>1</sup> 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.

---

<sup>1</sup> 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  
August 13, 2010  
Page 2

### **EMS Network Model**

On July 30, 2010, the ICT contacted Entergy and requested review of certain line outages. Entergy identified twelve breakers that were incorrectly modeled in the network model used in the Operating and Planning Horizons. These breakers were incorrectly designated as normally open in the network model resulting in RFCALC model incorrectly modeling as outages. The errors may have impacted the base flow and response factors for Operating and Planning Horizons; however, the impact, if any, would be minimal because only four of these resulted in a loss of a total of 25 MW. The others resulted in topology changes but no loss of load. Entergy is programmatically reviewing normally open breakers to determine if they are being correctly modeled. The review is extensive and may result in identifying additional breakers that are modeled incorrectly. The results and status of the review will be provided to the ICT and the Users Group. Upon completion of the effort, a baseline will be established and an annual review performed consistent with the process used in the Study Horizon. Entergy will submit additional information to the Commission regarding this error upon completion of the review and implementation of corrective actions.

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 13th day of August, 2010, 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  
Mail Unit L-ENT-24A  
New Orleans, LA 70113  
Tel: (504) 576-4296