

TRANSMISSION / DISTRIBUTION PROJECTS COMPANY:EGSLA

CUSTOMER: ENTERGY SERVICES - EMO

FACILITIES STUDY EJO # F4PPGS0401

ICTT-2007-124

TRANSMISSION SERVICE REQUESTS

OASIS 1483485

Revision: 3

Rev	Issue Date	Description of Revision	Revised By	Project Manager
0	11/21/07	Draft issued to TPD	IK	KW
1	11/26/07	Draft issued to ICT	DAW	IK
2	11/30/07	ICT Determines Upgrade Classification	JDL	JH
3	1/2/08	ICT Determines Re-Dispatch Requirement	CMK	JH

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Table of Acronyms

ACSR Aluminum Conductor Steel Reinforced ACSS Aluminum Conductor Steel Supported

AFUDC Allowance for Funds Used During Construction

EES Entergy Control Area EHV Extra-High Voltage

EMO Entergy Energy Management Organization

FTR Financial Transmission Rights

ICT Independent Coordinator of Transmission

kV Kilo-Volt

MCM (M) Thousand Circular Mils

MVA Mega-Volt Amp MW Mega-Watt

NPDES National Pollution Discharge Elimination System

NOI Notice of Intent

OASIS Online Access and Same-time Information System

OATT Open Access Transmission Tariff

SHV Super High Voltage

EXECUTIVE SUMMARY

The purpose of this Facility Study is to determine the availability of transfer capability across Entergy's transmission system from Entergy (EES) to Entergy (EES) to evaluate the Entergy Services (EMO) request for 100MW of yearly network transmission service. Also, this study is to un-designate a network resource identified in OASIS #1412167. The time period for this transfer is from 1/1/2008 until 1/1/2011. The direction of the transaction is EES to EES. This study was performed on the latest available January 2008 - December 2008 monthly cases, 2009 and 2010 summer peak cases, using PSS/E and MUST software by Power Technologies Incorporated (PTI).

Some of the upgrades detailed in this facility study were identified in a higher queued Transmission Service Request. The OASIS numbers, for those requests, are listed with each upgrade. If that prior request is not Confirmed, responsibility for funding this upgrade (in accordance with Entergy's OATT) will be required under this request. If the prior request is Confirmed and the customer enters into a Transmission Service Agreement with Entergy, the responsibility to fund the upgrade will be a requirement under the prior request, however the funding party will have Financial Transmission Rights (FTRs) to any additional capacity created by the upgrade in accordance with Attachment T to Entergy's OATT. Use of any available capacity created as a result of that upgrade will require payment to the funding party for use of those FTRs in accordance with Attachment T.

The facility study identifies any transmission constraints resulting from the requested power transfer. The facility study also includes cost estimates to correct any transmission constraints.

Under Entergy's Independent Coordinator of Transmission which became effective on November 17, 2006, Entergy will recover these costs based on the Attachment T to our OATT. Based on Attachment T, the ICT has determined these costs to be classified as Base Plan and Supplemental Upgrades.

SAFETY AWARENESS

Safety is a priority with Entergy. Safety will be designed into substations and lines. The designs will be done with the utmost safety for personnel in mind for construction, operation, and maintenance of the equipment.

Should the work contained within this Facility Study be approved, a detailed Safety Plan will be formulated and incorporated within the project plan.

All employees working directly or indirectly for Entergy shall adhere to all rules and regulations outlined within the Entergy Safety manual. Entergy requires safety to be the highest priority for all projects. All Entergy and Contract employees must follow all applicable safe work procedures.

SCOPE SUMMARY - PART 1 (INCREMENTAL WITH GENERATOR)

For incremental network service with study generator:

The Facility Study for incremental network service from the study generator has identified some transmission constraints. The constraints can be addressed in the following manner:

I. Overload of Wilbert-Livonia 138kV Transmission Line for the loss of Webre-Wells 500kV Transmission Line

The Wilbert-Livonia138 kV transmission line will overload for the loss of Webre-Wells 500kV transmission line. It is required that the Wilbert-Livonia 138 kV transmission line be upgraded from a capacity of 289 MVA to a capacity of 331 MVA or greater.

II. Overload of Livonia-Line 642 Tap Springs 138kV Transmission Line for the loss of Webre-Wells 500kV Transmission Line

The Livonia-Line 642 Tap 138 kV transmission line will overload for the loss of Webre-Wells 500kV transmission line. It is required that the Livonia-Line 642 Tap 138 kV transmission line be upgraded from a capacity of 289 MVA to a capacity of 297 MVA or greater.

III. Overload of Line 642 Tap-Krotz Springs 138kV Transmission Line for the loss of Webre-Wells 500kV Transmission Line

The Line 642 Tap-Krotz Springs 138 kV transmission line will overload for the loss of Webre-Wells 500kV transmission line. It is required that the Line 642 Tap-Krotz Springs 138 kV transmission line be upgraded from a capacity of 289 MVA to a capacity of 293 MVA or greater.

IV. Overload of the Terrebonne-Greenwood 115kV Transmission Line for the loss of Webre-Wells 500kV Transmission Line

The Terrebonne-Greenwood 115 kV kV transmission line will overload for the loss of Webre-Wells 500kV transmission line. It is required that Terrebonne-Greenwood 115kV transmission line be upgraded from a capacity of 227 MVA to a capacity of 241 MVA or greater.

The upgrade of the Terrebonne-Greenwood 115kV transmission line has been included in a previous facility study (OASIS request number 1460900). If this request is confirmed, the customer might be responsible for financial compensation as per Attachment T of Entergy's OATT. This upgrade, as per request #1460900, is not required to be in service until 1/1/2009. However, the Terrebonne-Greenwood 115kV line overload for the loss of Webre-Well 500kV line is seen during 2008. The customer may be required to fund accelerated costs for this upgrade.

V. Overload of the Alchem-Monochem 138kV Transmission Line for the loss of several lines.

The Alchem-Monochem 138kV transmission line overloads for the loss of the following lines:

- Willow Glen St. Gabriel 230kV transmission line
- o A.A.C. Polsky Carville 230kV transmission line
- o Polsky Carville St. Gabriel 230kV transmission line
- o A.A.C. Licar 230kV transmission line
- o Belle Helene Licar 230kV transmission line
- Belle Helene Woodstock 230kV transmission line
- Vulchlor Woodstock 230kV transmission line

It is required that the Alchem-Monochem 138kV transmission line be upgraded from capacity of 225 MVA to a capacity of 259 MVA or greater.

The Alchem-Monochem 138kV transmission line upgrade is included in the ICT Base Plan with an in-service date of 2009. The Alchem-Monochem 138kV transmission line overload is seen during 2008. Granting of service is conditional on customer redispatching resources as follows for 2008 and beyond, until the Alchem-Monochem 138kV transmission line upgrade occurs: 1) increasing generation of Willow Glen Unit 1 or 2 by 25MW and decreasing generation of Willow Glen Unit 3 by 25MW; or 2) increasing generation of Amite South by 60MW and reducing generation of Willow Glenn 3 by 60MW. The customer may be required to pay acceleration costs for this upgrade.

SCOPE SUMMARY - PART 2 (UN-DESIGNATION)

For un-designating existing network service with study generator:

The Facility Study for un-designating existing network service with the study has identified some transmission constraints. The constraints can be addressed in the following manner:

I. Overload of Louisiana Station – Thomas 138kV Transmission Line for the loss of the Webre-Wells 500kV Transmission Line.

The Louisiana Station – Thomas 138kV transmission line overloads for the loss of the Webre-Wells 500kV transmission line. It is required that Louisiana Station – Thomas 138kV transmission line be upgraded from a capacity of 185 MVA to a capacity of 199 MVA or greater.

As shown above, this line was identified as requiring upgrade but according to line data sheets for EGSLA, the line is good for carrying 203 MVA which exceeds the required capability and the line does not require any upgrade.

In addition, no substation work at Louisiana Station or Thomas is required.

II. Overload of the Alchem-Monochem 138kV Transmission Line for the loss of several lines.

The Alchem-Monochem 138kV transmission line overloads for the loss of the following lines:

- o Willow Glen St. Gabriel 230kV transmission line
- o A.A.C. Polsky Carville 230kV transmission line
- Polsky Carville St. Gabriel 230kV transmission line
- o A.A.C. Licar 230kV transmission line
- Belle Helene Licar 230kV transmission line
- Belle Helene Woodstock 230kV transmission line
- Vulchlor Woodstock 230kV transmission line

It is required that the Alchem-Monochem 138kV transmission line be upgraded from capacity of 225 MVA to a capacity of 283 MVA or greater.

The Alchem-Monochem 138kV transmission line upgrade is included in the ICT Base Plan with an in-service date of 2009. The Alchem-Monochem 138kV transmission line overload is seen during 2008. Granting of service is conditional on customer redispatching resources as follows for 2008 and beyond, until the Alchem-Monochem 138kV transmission line upgrade occurs: 1) increasing generation of Willow Glen Unit 1 or 2 by 25MW and decreasing generation of Willow Glen Unit 3 by 25MW; or 2) increasing generation of Amite South by 60MW and reducing generation of Willow Glenn 3 by 60MW. The customer may be required to pay acceleration costs for this upgrade.

SCOPE DETAILS - PART 1 (INCREMENTAL WITH GENERATOR)

The solution set is summarized in Sections 3 and 4. To insure equipment ratings are adequate for the line upgrades, a review of the substation at each end of the line has been added to the scope.

I. Wilbert - Livonia 138kV Line from 289 MVA to at least 331 MVA

Remove approximately 19.2 miles of existing bundled 336 ACSR and bundled 395 ACAR conductor, insulator assemblies, and wood H-frame structures. Install approximately 19.2 miles (123 structures) using approximately 580,000 lbs of 1590 ACSR Lapwing conductor, 37,500 meters of 0.528 24-fiber OPGW, and 780 polymer insulator assemblies to provide 1492 amps (357 MVA). The structures will be single circuit, single pole structures either directly embedded or with vibratory pile foundations as appropriate.

Longest lead time for material delivery is 20 weeks

ASSUMPTIONS:

- o Outages can be obtained to facilitate construction of the structures
- o Reasonable access to structures is available
- No additional ROW is required
- No extraordinary environmental, crossing, or permitting conditions exist

II. Livonia - Line 642 Tap 138kV Line from 289 MVA to at least 297 MVA

Remove approximately 0.15 miles of existing bundled 336 ACSR conductor, associated insulator assemblies, shield wire, and (2) wood dead-end structures. Install approximately 0.12 miles of 1272 ACSR Bittern conductor, new polymer insulator assemblies, shield wire, and tap jumpers on (2) new 3-pole guyed dead-end structures to provide 1304 amps (312 MVA). This portion of line contains the tap location for line 642 to Colonial Springs

Longest lead time for material delivery is 20 weeks

ASSUMPTIONS:

- Outages can be obtained on all lines necessary to safely construct required facilities
- o Reasonable access to structures is available
- No extraordinary environmental, crossing, or permitting conditions exist

III. Line 642 Tap - Krotz Spring 138kV Line from 289 MVA to at least 293 MVA

Remove approximately 0.04 miles of existing bundled 336 ACSR conductor, associated insulator assemblies, shield wire, and (1) wood dead-end structure. Install approximately 0.04 miles of 1272 ACSR Bittern conductor, new polymer insulator assemblies, shield wire, and tap jumpers on (1) 3-pole guyed deadend structure to provide 1304 amps (312 MVA). This portion of line is adjacent to the Krotz Springs substation.

Longest lead time for material delivery is 20 weeks

ASSUMPTIONS:

- Outages can be obtained on all lines necessary to safely construct required facilities
- Reasonable access to structures is available
- o No extraordinary environmental, crossing, or permitting conditions exist
- Typical material lead times
- This work will be performed in conjunction with the Livonia Line 642 Tap work identified above

IV. Terrebonne - Greenwood 115kV Transmission Line

Rebuild 10.1 miles of line and install "dark" fiber in shield position. Install new 1780 kcmil ACSR "Chukar" conductor. Install ninety-five (95) steel tangent poles with socket pile foundations. Install twelve (12) single-pole dead end poles with base plated caisson foundations. Remove 104 wooden structures.

Longest lead time for material delivery is 20 weeks

V. Alchem - Monochem 138kV Transmission Line

The line is recommended to be upgraded from capacity of 225 MVA to a capacity of 283 MVA or greater.

Rebuild the existing 6.8 mile Alchem-Monochem 138kV line to 1272 ACSR Bittern conductor and 0.524 24-fibers OPGW.

The existing route consists of approximately 63 wood H-frame structures with bundled 336 ACSR Linnet conductor constructed in the early 60s. The rebuilt line will utilize single pole, single circuit structures with polymer insulators and direct buried or vibratory pile foundations where appropriate.

Longest lead time for material delivery is 20 weeks

VI. Upgrade Wilbert Substation

Electrical:

Livonia Line Bay (Livonia - Wilbert: Upgrade to 331MVA)

Replace switches with 2000A: 20169 & 20171

Replace breaker with 2000A: 20170

Replace bus with double 1000MCM Copper - (1) box structure run and (1) half bay

Foundation: Reconnect all new equipment to ground grid

Site: No work required

Relay and Configuration:

Develop new breaker schematics and cable schedule as required and add alarms into RTU and develop configuration

VII. Upgrade Livonia Substation

Electrical:

Krotz Springs Line Bay (Krotz Springs - Livonia: Upgrade to 297MVA)

Replace Load Break Switch 14697 with 2000A

Wilbert Line bay (Livonia - Wilbert: Upgrade to 331MVA)

Replace Line Drop Switch 14698 with 2000A

Replace bus with double 1000MCM Copper - (2) 138kV box structure runs.

Foundation: Reconnect all new equipment to ground grid

Site: No work required

Relay and Configuration:

Develop new breaker schematics and cable schedule as required and add alarms into RTU and develop configuration

VIII. Upgrade Krotz Spring Substation

It is a customer owned substation and information on bus conductor and breaker rating is not available. A 2000A Switch is present and it was assumed that 2000A breaker and bus are also installed. Under these assumptions, no work is required.

IX. Upgrade Alchem Substation

Switches and breakers have minimum rating of 1200A. Bus has a maximum rating of 275MVA (283MVA required). The scope of work to replace two sections of bus with bundled 500MCM Copper conductor

Lead time for breakers is 22 weeks.

X. Upgrade Monochem Substation

Switches and breakers have minimum rating of 1200A. Bus has a maximum rating of 275MVA (283MVA required). The scope of work to replace two sections of bus with bundled 500MCM Copper conductor

Lead time for breakers is 22 weeks.

SCOPE DETAILS – PART 2 (UN-DESIGNATION)

I. Alchem - Monochem 138kV Transmission Line

The line is recommended to be upgraded from capacity of 225 MVA to a capacity of 283 MVA or greater. Details of this upgrade are shown in Part 5, Section V.

COSTS

The ICT has reviewed and determined the upgrade associated with the Alchem – Monochem Line upgrade is included in the Base Plan. Granting of service is conditional on customer re-dispatching resources as follows for 2008 and beyond, until the Alchem-Monochem 138kV transmission line upgrade occurs: 1) increasing generation of Willow Glen Unit 1 or 2 by 25MW and decreasing generation of Willow Glen Unit 3 by 25MW; or 2) increasing generation of Amite South by 60MW and reducing generation of Willow Glenn 3 by 60MW. The remaining upgrades will be considered as Supplemental Upgrades. For more information on cost responsibility for Base Plan and Supplemental Upgrades, see Attachment T to Entergy's OATT. The costs shown in the table include overheads and AFUDC, but do not include tax gross up. The estimated tax gross-up rate for Entergy Gulf States Louisiana is 31.677%.

Projected Costs in 2007 dollars w/o escalation

Description	Estimated Completion Year	Direct Cost 2007 dollars	Indirect Cost 2007 dollars	Total Cost 2007 dollars
Scope Part 1:				
Wilbert-Livonia, Livonia-Line 642 tap, Line 642 Tap-Krotz Springs	March 2009	\$14,831,234	\$8,157,179	\$22,988,413
Wilbert Substation	March 2009	\$354,504	\$194,922	\$549,326
Livonia Substation	March 2009	\$314,668	\$173,067	\$487,735
Krotz Spring Substation		\$0	\$0	\$0
Terrebonne – Greenwood T line	March 2009	\$14,742,181	\$8,108,200	\$22,850,381
Alchem - Monochem T line	March 2009	\$4,904,000	\$2,697,299	\$7,601,200
Alchem Substation	March 2009	\$68,044	\$37,424	\$105,468
Monochem Substation	March 2009	\$68,044	\$37,424	\$105,468
Total with OH and excluding TGU		\$35,282,675	\$19,404,515	\$54,687,991
Scope Part 2:				
Alchem - Monochem T line	March 2009	\$4,904,000	\$2,697,299	\$7,601,200
Alchem Substation	March 2009	\$68,044	\$37,424	\$105,468
Monochem Substation	March 2009	\$68,044	\$37,424	\$105,468
Total with OH and excluding TGU		\$5,040,088	\$2,772,147	\$7,812,136

The estimated date of completion assumes funding approval to commence definition phase and approval to proceed with the project starting 01 December 2007.

ICT Cost Allocation

Description	Base Case	Supplemental Upgrades
Scope Part 1:		
Wilbert-Livonia, Livonia-Line 642 tap, Line 642 Tap-Krotz Springs		\$22,988,413
Wilbert Substation		\$549,326
Livonia Substation		\$487,735
Krotz Spring Substation		\$0
Terrebonne – Greenwood T line		\$22,850,381
Alchem - Monochem T line	\$7,601,200	
Alchem Substation	\$105,468	
Monochem Substation	\$105,468	
Total with OH and excluding TGU	\$7,812,136	\$46,875,855
Scope Part 2:		
Alchem - Monochem T line	\$7,601,200	
Alchem Substation	\$105,468	·
Monochem Substation	\$105,468	
Total with OH and excluding TGU	\$7,812,136	

SCHEDULE

A detailed schedule will be prepared subsequent to customer approval. The line upgrades are dependent on obtaining outages for the line work. If outages cannot be obtained or must be sequenced due to seasonal requirements, additional time will be required to complete the upgrades. The following are rough durations:

Project Definition

Includes surveys, soil borings, and Project Execution Plan 24 Weeks
Design, procurement and construction: Includes design, ROW acquisition, permits,
material procurement, and construction 52 weeks

Notes to Duration Schedules:

- Most of the construction work requiring outages will be performed during off-peak load season. Line outages will be discussed with the SOC and TOC and the assumption is made that line outages will be executed as planned. However, last minute denial of outages by the SOC/TOC along with resulting schedule delay is possible.
- Transmission Line project will begin subsequent to Definition phase Project Execution Plan
- Schedule durations are high level estimates at this time. Upon project approval, a detailed schedule will be produced.
- Based on the project duration schedule, the upgrades necessary to facilitate granting of this service will not be completed prior to the requested start of service.

Should approval to proceed be given in December 2007, facility construction will not be completed until March 2009.

CONFIRMED RESERVATIONS

OASIS#		PSE	MW	Begin	End
140912		NRG Power Marketing	103	01/01/98	01/01/08
250778	(delisting)	Entergy Services, Inc. (EMO)	1	07/02/98	07/01/11
392740		Ameren Energy Inc.	165	04/12/99	01/01/09
569011		Entergy Services, Inc. (EMO)	242	03/01/00	01/01/14
731017		South Mississippi Electric Power Assoc.	75	01/01/01	06/01/09
759196		Entergy Services (EMO)	143	01/01/01	01/01/21
759294		East Texas Electric Cooperative	31	01/01/01	01/01/18
810207		South Mississippi Electric Power Assoc.	300	01/01/02	01/01/20
810234		South Mississippi Electric Power Assoc.	300	01/01/02	01/01/20
850239		Municipal Energy Agency of Mississippi	19	05/01/01	01/01/10
850304		Municipal Energy Agency of Mississippi	13	05/01/01	06/01/10
851493			13	05/01/01	06/01/10
1019492		South Mississippi Electric Power Assoc.	51	01/01/02	01/01/18
1024194		City Water & Light, Jonesboro	83	01/01/03	01/01/10
1024198		City Water & Light, Jonesboro	168	01/01/03	01/01/10
1035455		South Mississippi Electric Power Assoc.	280	01/01/03	01/01/08
1036858		South Mississippi Electric Power Assoc.	280	01/01/08	01/01/21
1084342		East Texas Electric Cooperative	50	01/01/05	01/01/09
1084344		East Texas Electric Cooperative	50	01/01/05	01/01/09
1084345		East Texas Electric Cooperative	75	01/01/05	01/01/09
1096986		Tennessee Valley Auth BPT	73	09/01/03	09/01/13
1099991		City Water & Light, Jonesboro	83	01/01/10	01/01/16

OASIS#		PSE	MW	Begin	End
1099997		City Water & Light, Jonesboro	168	01/01/10	01/01/16
1105665		Entergy Services, Inc. (EMO)	185	02/01/03	02/01/16
1105666		Entergy Services, Inc. (EMO)	91	02/01/03	02/01/27
1105668		Entergy Services, Inc. (EMO)	206	02/01/03	02/01/27
1126821		Entergy Services, Inc. (EMO)	101	05/01/04	05/01/29
1139973		South Mississippi Electric Power	95	05/01/03	12/30/28
		Assoc.			
1139975		South Mississippi Electric Power	95	05/01/04	12/31/29
		Assoc.			
1139977		South Mississippi Electric Power	95	05/01/05	12/31/29
		Assoc.			
1139982		South Mississippi Electric Power	130	01/01/03	01/01/20
		Assoc.			
1151106		Entergy Services, Inc. (EMO)	20	06/01/10	06/01/29
1161925		Cleco Power LLC (Gen)	12	08/01/03	01/01/10
1161927		Cleco Power LLC (Gen)	7	08/01/03	01/01/10
1161928		Cleco Power LLC (Gen)	7	08/01/03	01/01/10
1168061		Entergy Services, Inc. (EMO)	80	08/01/04	02/01/28
1168408		Entergy Services, Inc. (EMO)	247	08/01/04	02/01/28
1192287	(1140407)	Entergy Services, Inc. (EMO)	725	01/01/05	09/01/33
1202470		NRG Power Marketing	91	04/01/04	04/01/09
1210356		Entergy Services, Inc. (EMO)	290	07/01/05	07/01/07
1210357		Entergy Services, Inc. (EMO)	100	07/01/05	07/01/07
1272606	(renewal)	Entergy Services, Inc. (EMO)	150	05/01/05	05/01/07
1286481		Merrill Lynch Commodities	11	01/01/00	01/01/10
1289686	(delisting)	Entergy Services Inc. (EMO)	1	06/01/07	06/01/30
1294132		Entergy Services, Inc. (EMO)	526	01/01/06	01/01/35
1309874		East Texas Electric Cooperative	75	01/01/09	01/01/17
1309875		East Texas Electric Cooperative	50	01/01/09	01/01/17
1309876		East Texas Electric Cooperative	50	01/01/09	01/01/17
1310448	(1284799)	Entergy Services Inc. (EMO)	1	06/01/07	06/01/30
	(delisting)				
1321868	(renewal)	NRG Power Marketing	320	01/01/06	01/01/07
1328125		CLECO Power Marketing	35	01/01/06	01/01/11
1340017		Plum Point Energy Associates	40	03/01/10	03/01/40

OASIS#		PSE	MW	Begin	End
1340019		Plum Point Energy Associates	35	03/01/10	03/01/40
1340028		Plum Point Energy Associates	50	03/01/10	03/01/30
1340029		Plum Point Energy Associates	50	03/01/10	03/01/30
1340665		Entergy Services, Inc. (EMO)	200	01/01/06	01/01/09
1340673		Entergy Services, Inc. (EMO)	50	06/01/07	06/01/08
1340674		Entergy Services, Inc. (EMO)	50	06/01/08	06/01/09
1346435		Entergy Services, Inc. (EMO)	100	06/01/07	06/01/08
1346437		Entergy Services, Inc. (EMO)	100	06/01/08	06/01/09
1346440		Entergy Services, Inc. (EMO)	200	06/01/07	06/01/08
1346441		Entergy Services, Inc. (EMO)	200	06/01/08	06/01/09
1346444		Entergy Services, Inc. (EMO)	179	02/01/07	02/01/08
1348508		CLECO Power Marketing	10	01/01/06	01/01/10
1352704	(1340032)	Plum Point Energy Associates	5	03/01/10	03/01/40
1353140		Constellation Energy Group	10	01/01/06	01/01/07
1353141		Constellation Energy Group	5	01/01/06	01/01/07
1353344	(renewal)	Merrill Lynch Commodities	85	10/01/05	10/01/06
1353393	(renewal)	Merrill Lynch Commodities	4	11/01/05	11/01/06
1356328		Municipal Energy Agency of Mississippi	40	06/01/10	06/01/40
1366979		MidAmerican Energy	50	01/01/06	01/01/07
1366980		MidAmerican Energy	50	01/01/06	01/01/07
1366981		MidAmerican Energy	50	01/01/06	01/01/07
1366982		MidAmerican Energy	50	01/01/06	01/01/07
1371416		NRG Power Marketing	100	03/01/06	03/01/07
1371481	(delisting)	Entergy Services, Inc. (EMO)	1	01/01/06	01/01/07
1372645		Morgan Stanley Commodities Group	102	01/01/07	01/01/08
1372646		Morgan Stanley Commodities Group	102	01/01/07	01/01/08
1373112		Louisiana Energy & Power Authority	61	01/01/06	01/01/07
1373643		City of Conway	25	03/01/10	03/01/40
1373714		East Texas Electric Cooperative	63	01/01/10	01/01/30
1375001		NRG Power Marketing	3	07/01/06	07/01/07
1375299		Louisiana Generating LLC	11	03/01/06	03/01/11

OASIS#		PSE	MW	Begin	End
1375300		Louisiana Generating LLC	8	03/01/06	03/01/11
1375301		Louisiana Generating LLC	5	03/01/06	03/01/11
1375559		CLECO Power LLC	675	12/01/06	12/01/16
1376208		Louisiana Energy & Power Auth	6	02/01/06	02/01/07
1380484		Osceola Light & Power	9	09/01/09	09/01/39
1381068		Plum Point Energy Associates	100	06/01/10	06/01/11
1381247		Constellation Energy Group	140	01/01/06	01/01/07
1381248	(1349801)	City of West Memphis	70	01/01/06	01/01/07
1381312		Constellation Energy Group	240	01/01/06	07/01/07
1381317		Constellation Energy Group	70	01/01/06	01/01/07
1381318		Constellation Energy Commodities	70	01/01/06	01/01/07
		Group			
1381322		Constellation Energy Commodities	6	01/01/06	06/01/07
		Group			
1381398		Constellation Energy Group	34	01/01/06	01/01/36
1381400		Constellation Energy Group	34	01/01/06	01/01/36
1381404		Constellation Energy Group	17	01/01/06	01/01/36
1381406	(1325187)	Constellation Energy Group	17	01/01/06	01/01/36
1382543		Mid American Energy Company	100	03/01/06	03/01/07
1382544		Mid American Energy Company	100	03/01/06	03/01/07
1383852		AECC	550	01/01/07	01/01/17
1385131		Ameren	12	06/01/06	06/01/07
1385835	(1363730)	City of Prescott	22	04/01/06	04/01/09
1385842		South Mississippi Electric Power	100	01/01/09	01/01/10
		Assoc.	38	01/01/10	01/01/11
1387272		CLECO Power	11	04/01/06	04/01/16
1387274		CLECO Power	16	04/01/06	04/01/07
1387275		CLECO Power	16	04/01/07	04/01/08
1389008		NRG Power Marketing	270	06/01/07	06/01/08
1389848		Louisiana Energy & Power Auth	6	02/01/07	02/01/08
1389848		Louisiana Energy & Power Auth	6	02/01/07	02/01/08
1393874		NRG Power Marketing	5	09/01/06	09/01/07
1394479		Louisiana Generating LLC	2	06/01/06	06/01/07
1396788		Constellation Energy Commodities	70	06/01/06	06/01/07
1401985		Constellation Commodities Group	42	08/01/06	08/01/36

OASIS#		PSE	MW	Begin	End
1403756		Constellation Commodities Group	100	01/01/07	01/01/08
1403757		Constellation Commodities Group	100	01/01/07	01/01/08
1406786		South Mississippi Electric Power Assoc.	100	04/01/10	04/01/40
1407894		Morgan Stanley Commodities Group	102	01/01/08	01/01/09
1407895		Morgan Stanley Commodities Group	102	01/01/08	01/01/09
1408199		South Mississippi Electric Power Assoc.	100	04/01/10	04/01/40
1408981		NRG	92	01/01/07	01/01/10
1410022	(1340037)	City of North Little Rock	60	03/01/10	03/01/40
1412068		NRG	103	01/01/07	01/01/08
1413110		NRG Power Marketing	100	01/01/07	01/01/09
1413255		American Electric Power Service Corp	225	01/01/07	01/01/09
1414925		Constellation Commodities Group	22	01/01/07	01/01/08
1414927		Constellation Commodities Group	50	01/01/07	01/01/08
1416650		NRG Power Marketing	100	01/01/07	01/01/08
1422496		Constellation Commodities Group	57	01/01/07	01/01/08
1422498		Constellation Commodities Group	9	01/01/07	01/01/08
1425495		East Texas Electric Cooperative	50	03/01/10	03/01/45
1431621		South Mississippi Electric Power Assn.	200	01/01/07	01/01/08
1432487		Arkansas Electric Cooperative Corp.	50	12/01/07	12/01/19
1443976	(1424383)	Constellation Commodities Group	9	01/01/07	01/01/08
1435972		Entergy Services, Inc. (EMO)	150	05/01/07	05/01/10
1435973		Entergy Services, Inc. (EMO)	135	05/01/08	05/01/10
1436590		MidAmerican Energy	50	01/01/07	01/01/08
1436591		MidAmerican Energy	50	01/01/07	01/01/08
1436592		MidAmerican Energy	50	01/01/07	01/01/08
1436593		MidAmerican Energy	50	01/01/07	01/01/08
1440358		NRG Power Marketing	100	03/01/07	03/01/08
1442295		NRG Power Marketing	3	07/01/07	07/01/09

OASIS#	PSE	MW	Begin	End
1442453	NRG Power Marketing	320	06/01/07	06/01/26
1448054	NRG Power Marketing	103	01/01/08	01/01/09
1448057	NRG Power Marketing	103	01/01/08	01/01/09
1449494	Entergy Services, Inc. (EMO)	154	06/01/07	06/01/09
1449495	Entergy Services, Inc. (EMO)	322	06/01/09	06/01/59
1449881	Cargill Power	103	01/01/08	01/01/09
1452308	NRG Power Marketing	100	01/01/08	01/01/09
1452603	NRG Power Marketing	100	09/01/07	09/01/08
1435303	East Texas Electric Coop	150	01/01/07	01/01/40
1453402	NRG Power Marketing	103	01/01/09	01/01/10
1456636	CLECO Power LLC	10	10/01/07	10/01/12
1458787	Louisiana Energy & Power Auth	2	03/31/07	03/31/08
1464028	East Texas Electric Coop	168	01/01/10	01/01/40
1466197	NRG Power Marketing	206	01/01/09	01/01/10
1466561	Constellation Energy	50	01/01/08	01/01/09
1466562	Constellation Energy	25	01/01/08	01/01/09
1470811	East Texas Electric Coop	186	01/01/10	01/01/40
1477069	Entergy Services	10	11/01/07	11/01/37
1477256	NRG Power Marketing	103	01/01/08	01/01/09
1479051	Ameren Energy Mktg	103	07/01/08	07/01/09

Pre-888 Transactions

OASIS#	PSE	MW	Begin	End
1219160	NRG Power Marketing	91	04/01/09	04/01/14
1306068	Entergy Services, Inc. (EMO)	1718	02/01/05	01/01/07
1306069	Entergy Services, Inc. (EMO)	741	02/01/05	01/01/07
1306070	Entergy Services, Inc. (EMO)	1867	02/01/05	01/01/07
1306071	Entergy Services, Inc. (EMO)	1142	02/01/05	01/01/07
1306072	Entergy Services, Inc. (EMO)	59	02/01/05	01/01/07
1306073	Entergy Services, Inc. (EMO)	148	02/01/05	01/01/07
1306074	Entergy Services, Inc. (EMO)	194	02/01/05	01/01/07
1306075	Entergy Services, Inc. (EMO)	1157	02/01/05	01/01/07
1306076	Entergy Services, Inc. (EMO)	1219	02/01/05	01/01/07
1306077	Entergy Services, Inc. (EMO)	683	02/01/05	01/01/07
1306078	Entergy Services, Inc. (EMO)	140	02/01/05	01/01/07
1306079	Entergy Services, Inc. (EMO)	456	02/01/05	01/01/07
1306080	Entergy Services, Inc. (EMO)	739	02/01/05	01/01/07

OASIS#	PSE	MW	Begin	End
1306081	Entergy Services, Inc. (EMO)	183	02/01/05	01/01/07
1306082	Entergy Services, Inc. (EMO)	64	02/01/05	01/01/07
1306083	Entergy Services, Inc. (EMO)	870	02/01/05	01/01/07
1306084	Entergy Services, Inc. (EMO)	129	02/01/05	01/01/07
1306085	Entergy Services, Inc. (EMO)	140	02/01/05	01/01/07
1306086	Entergy Services, Inc. (EMO)	130	02/01/05	01/01/07
1306087	Entergy Services, Inc. (EMO)	65	02/01/05	01/01/07
1306088	Entergy Services, Inc. (EMO)	947	02/01/05	01/01/07
1306089	Entergy Services, Inc. (EMO)	61	02/01/05	01/01/07
1306090	Entergy Services, Inc. (EMO)	304	02/01/05	01/01/07
1306092	Entergy Services, Inc. (EMO)	351	02/01/05	01/01/07
1306094	Entergy Services, Inc. (EMO)	692	02/01/05	01/01/07
1306095	Entergy Services, Inc. (EMO)	1641	02/01/05	01/01/07
1306096	Entergy Services, Inc. (EMO)	433	02/01/05	01/01/07
1306097	Entergy Services, Inc. (EMO)	1926	02/01/05	01/01/07
1306098	Entergy Services, Inc. (EMO)	946	02/01/05	01/01/07
1306099	Entergy Services, Inc. (EMO)	1233	02/01/05	01/01/07
1332606	East Texas Electric Cooperative	55	01/01/06	01/01/17
1412155	Entergy Services, Inc. (EMO)	1718	01/01/07	01/01/38
1412156	Entergy Services, Inc. (EMO)	741	01/01/07	01/01/38
1412158	Entergy Services, Inc. (EMO)	1867	01/01/07	01/01/38
1412160	Entergy Services, Inc. (EMO)	1142	01/01/07	01/01/38
1412161	Entergy Services, Inc. (EMO)	59	01/01/07	01/01/38
1412162	Entergy Services, Inc. (EMO)	148	01/01/07	01/01/38
1412163	Entergy Services, Inc. (EMO)	194	01/01/07	01/01/38
1412164	Entergy Services, Inc. (EMO)	1157	01/01/07	01/01/38
1412165	Entergy Services, Inc. (EMO)	1219	01/01/07	01/01/38
1412166	Entergy Services, Inc. (EMO)	683	01/01/07	01/01/38
1412167	Entergy Services, Inc. (EMO)	140	01/01/07	01/01/38
1412168	Entergy Services, Inc. (EMO)	456	01/01/07	01/01/38
1412169	Entergy Services, Inc. (EMO)	739	01/01/07	01/01/38
1412170	Entergy Services, Inc. (EMO)	183	01/01/07	01/01/38
1412171	Entergy Services, Inc. (EMO)	64	01/01/07	01/01/38
1412172	Entergy Services, Inc. (EMO)	870	01/01/07	01/01/38
1412173	Entergy Services, Inc. (EMO)	129	01/01/07	01/01/38
1412174	Entergy Services, Inc. (EMO)	140	01/01/07	01/01/38
1412175	Entergy Services, Inc. (EMO)	130	01/01/07	01/01/38
1412176	Entergy Services, Inc. (EMO)	65	01/01/07	01/01/38
1412177	Entergy Services, Inc. (EMO)	947	01/01/07	01/01/38
1412178	Entergy Services, Inc. (EMO)	61	01/01/07	01/01/38
1412179	Entergy Services, Inc. (EMO)	304	01/01/07	01/01/38
1412180	Entergy Services, Inc. (EMO)	351	01/01/07	01/01/38
1412181	Entergy Services, Inc. (EMO)	692	01/01/07	01/01/38
1412182	Entergy Services, Inc. (EMO)	1641	01/01/07	01/01/38
1412183	Entergy Services, Inc. (EMO)	433	01/01/07	01/01/38

OASIS#	PSE	MW	Begin	End
1412184	Entergy Services, Inc. (EMO)	1926	01/01/07	01/01/38
1412185	Entergy Services, Inc. (EMO)	946	01/01/07	01/01/38
1412186	Entergy Services, Inc. (EMO)	1233	01/01/07	01/01/38

STUDY QUEUE

OASIS	PSE	MW	Begin	End
1338849	Louisiana Energy & Power	45	9/1/2005	9/1/2010
	Authority			
1460876	Aquila Networks – MPS	75	03/01/09	03/01/29
1460878	Aquila Networks – MPS	75	03/01/09	03/01/29
1460879	Aquila Networks – MPS	75	03/01/09	03/01/29
1460881	Aquila Networks – MPS	75	03/01/09	03/01/29
1460900	Louisiana Energy & Power Auth	116	01/01/09	01/01/30
1468113	Muni Energy Agcy of Miss	20	06/01/11	06/01/41
1468285	Mid American Energy	103	09/01/07	09/01/08
1468286	Mid American Energy	103	09/01/07	09/01/08
1468288	Mid American Energy	103	01/01/08	01/01/09
1468289	Mid American Energy	103	01/01/08	01/01/09
1470484	City of W. Memphis	20	01/01/11	01/01/41
1471303	Cargill Power Markets, LLC	103	01/01/08	01/01/09
1475343	Constellation Energy	25	01/01/08	01/01/09
1477636	Westar Energy Generation & Mktg	27	06/01/10	06/01/40
1477639	Westar Energy Generation & Mktg	15	06/01/10	06/01/11
1478781	Entergy Services	804	01/01/08	01/01/58
1481059	Constellation Energy	60	02/01/11	02/01/30
1481111	City of Conway	50	02/01/11	02/01/46
1481119	Constellation Energy	30	02/01/11	02/01/30
1481235	Louisiana Energy & Power Auth	50	02/01/11	02/01/16
1481438	NRG Power Marketing	20	02/01/11	02/01/21
1483241	NRG Power Marketing	103	01/01/10	01/01/20
1483243	NRG Power Marketing	206	01/01/10	01/01/20
1483244	NRG Power Marketing	309	01/01/10	01/01/20
1483247	NRG Power Marketing	515	01/01/10	01/01/20

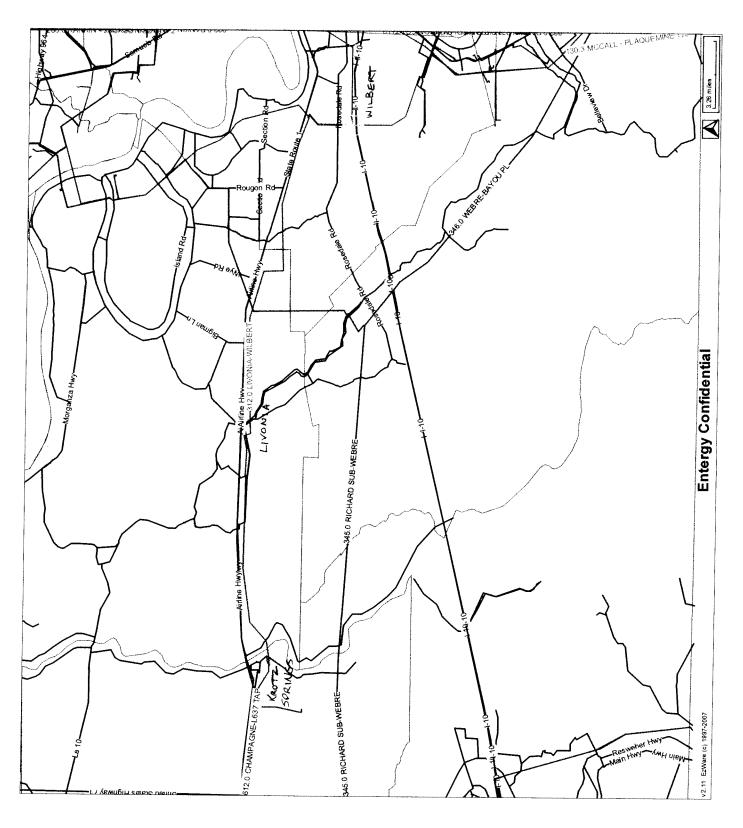
ATTACHMENTS

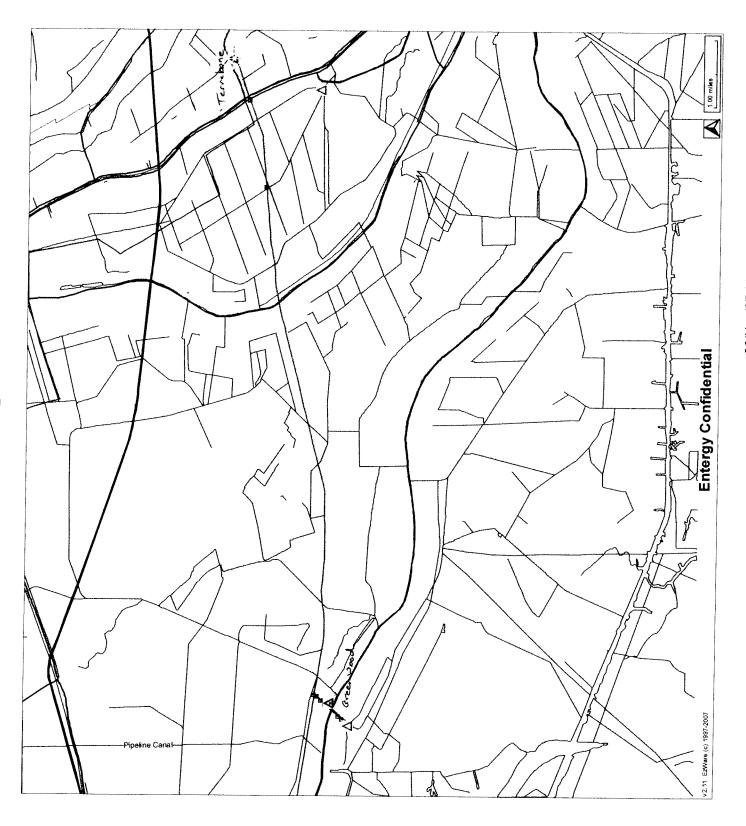
I. Location Drawings

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II. Substation

Description	Page
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Livonia	B-2
Krotz Springs	B-3
Alchem	B-4
Monochem	B-5





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