



**TRANSMISSION LINE & SUBSTATION PROJECTS**

**COMPANY: ENTERGY SERVICES, INC.**

**CUSTOMER: NRG POWER MARKETING**

**FACILITIES STUDY**

**EJO NO. F4PPMS0270**

**ICTT-2012-038/-039/-040/-041/-042**

**TRANSMISSION SERVICE FACILITIES STUDY**  
**OASIS 76794133, 76794134, 76794135, 76794138, 76794140**

Revision:  
0

Rev	Issue Date	Description of Revision	Prepared By	Approved By
A	9/17/12	Submitted to TPD	KC	RJ
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## **1. PROJECT SUMMARY**

### **1.1. Background and Project Need**

The purpose of this Facilities Study is to determine the availability of transfer capability across Entergy's transmission system from Louisiana Generating LLC (LAGN) to Ameren (AMRN) to evaluate the NRG Power Marketing request for 309 MW of yearly point to point transmission service. This request is clustered with the undesignations represented by OASIS requests 76794133, 76794134, 76794135, and 76794138. The time period for this transfer is from 1/1/2014 until 1/1/2019. The direction of the transaction is LAGN to AMRN. The study was performed on the latest available January 2014 – April 2014 monthly models, 2013-2023 winter and 2014-2023 summer peak seasonal models using PSS/E and MUST software by Power Technologies Incorporated (PTI).

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

### **1.2. Scope Summary**

No Entergy system upgrades were identified as a result of this request on the condition that the customer agrees to undesignate a total of 309 MW, represented by the following undesignation requests: OASIS 76794133, 76794134, 76794135, and 76794138.

### **1.3. Financial Rights for Supplemental Upgrades**

No supplemental upgrades have been determined to be impacted by this TSR.

### **1.4. Cost Summary**

None.

### **1.5. Schedule Summary**

None.

### **1.6. Automatic Generation Control**

None.

**2. SAFETY REQUIREMENTS**

Not applicable.

**3. GENERAL ASSUMPTIONS**

Not applicable.

**4. SCOPE OF WORK**

Not applicable.

**5. COST**

The ICT has reviewed and determined whether each required upgrade will be considered a Base Plan Upgrade or a Supplemental Upgrade. For more information on cost responsibility for Base Plan and Supplemental Upgrades, see Attachment T to Entergy's OATT.

No upgrades or FFRs have been identified.

**6. SCHEDULE**

Not applicable.

**7. RISK ASSESSMENT**

Not applicable.

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## 8. CONFIRMED RESERVATIONS

OASIS		PSE	MW	Begin	End
569011		Entergy Services, Inc. (EMO)	242	3/1/2000	1/1/2014
759196		Entergy Services, Inc. (EMO)	143	1/1/2001	1/1/2021
759294		East Texas Electric Cooperative	31	1/1/2001	1/1/2018
1096986		Tennessee Valley Authority	73	9/1/2003	9/1/2013
1099991	(renewal)	City Water & Light, Jonesboro	83	1/1/2010	1/1/2016
1099997	(renewal)	City Water & Light, Jonesboro	168	1/1/2010	1/1/2016
1105665		Entergy Services, Inc. (EMO)	236	2/1/2003	2/1/2016
1105666		Entergy Services, Inc. (EMO)	91	2/1/2003	2/1/2027
1105668		Entergy Services, Inc. (EMO)	77	2/1/2003	2/1/2027
1126821		Entergy Services, Inc. (EMO)	101	5/1/2004	5/1/2029
1151106		Entergy Services, Inc. (EMO)	20	6/1/2010	6/1/2029
1168061		Entergy Services, Inc. (EMO)	80	8/1/2004	2/1/2028
1168408		Entergy Services, Inc. (EMO)	247	8/1/2004	2/1/2028
1289686	(undesignation)	Entergy Services, Inc. (EMO)	1	6/1/2007	6/1/2030
1294132		Entergy Services, Inc. (EMO)	526	1/1/2006	1/1/2035
1309874	(renewal)	East Texas Electric Cooperative	75	1/1/2009	1/1/2017
1309875	(renewal)	East Texas Electric Cooperative	50	1/1/2009	1/1/2017
1309876	(renewal)	East Texas Electric Cooperative	50	1/1/2009	1/1/2017
1356328		Muni Energy Agcy of Miss	40	6/1/2010	6/1/2040
1373643		City of Conway	25	3/1/2010	3/1/2040
1375299		Louisiana Generating LLC	11	3/1/2006	3/1/2013
1375559		CLECO Power LLC (Gen)	675	12/1/2006	12/1/2016
1380484		Osceola Light & Power	9	9/1/2009	9/1/2039
1383852		Arkansas Electric Cooperative Corp.	550	1/1/2007	1/1/2017
1385158		NRG Power Marketing	13	10/1/2007	10/1/2027
1387272		CLECO Power LLC (Gen)	11	4/1/2006	4/1/2016
1422708	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2007	1/1/2027
1425495		East Texas Electric Cooperative	50	3/1/2010	3/1/2045
1442453		NRG Power Marketing	320	6/1/2007	6/1/2026
1449495		Entergy Services, Inc. (EMO)	322	6/1/2009	6/1/2059
1456636		CLECO Power Marketing	10	10/1/2007	10/1/2012
1460876		Aquila Networks-MPS	75	3/1/2009	3/1/2029
1460878		Aquila Networks-MPS	75	3/1/2009	3/1/2029
1460879		Aquila Networks-MPS	75	3/1/2009	3/1/2029
1460881		Aquila Networks-MPS	75	3/1/2009	3/1/2029
1460898		Louisiana Energy & Power Authority	3	1/1/2009	1/1/2030
1460899		Louisiana Energy & Power Authority	5	1/1/2009	1/1/2030
1461442		Louisiana Energy & Power Authority	12	1/1/2009	1/1/2030
1464028		East Texas Electric Cooperative	168	1/1/2010	1/1/2040
1470484		City of West Memphis	20	1/1/2011	1/1/2041
1470811		East Texas Electric Cooperative	186	1/1/2010	1/1/2040
1477069		Entergy Services, Inc. (EMO)	10	11/1/2007	11/1/2037
1480164		Entergy Services, Inc. (EMO)	725	1/1/2005	9/1/2033
1495910		Southwestern Electric	78	5/1/2010	5/1/2013

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OASIS		PSE	MW	Begin	End
1498122		Constellation Energy Commodities Grp.	30	4/1/2012	4/1/2042
1498129		City of Conway	50	4/1/2012	4/1/2042
1499610		Entergy Services, Inc. (EMO)	300	1/1/2008	1/1/2038
1500582	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2008	1/1/2038
1500584	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2008	1/1/2038
1514102		East Texas Electric Cooperative	29	1/1/2008	1/1/2017
1514104		East Texas Electric Cooperative	35	1/1/2008	1/1/2017
1514105	(undesignation)	East Texas Electric Cooperative	1	1/1/2008	1/1/2017
1517005	(renewal)	NRG Power Marketing	103	1/1/2011	1/1/2026
1525820	(renewal)	NRG Power Marketing	3	7/1/2009	7/1/2014
1527816		Westar Energy	6	10/1/2007	10/1/2012
1530287		Empire District Electric	50	3/1/2010	3/1/2030
1530288		Empire District Electric	50	3/1/2010	3/1/2030
1546108	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2011	1/1/2051
1552148	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2009	1/1/2014
1555717	(undesignation)	East Texas Electric Cooperative	1	1/1/2010	1/1/2015
1555718		Entergy Services, Inc. (EMO)	158	1/1/2010	1/1/2015
1557220	(undesignation)	Entergy Services, Inc. (EMO)	1	7/1/2009	7/1/2018
1557221		Entergy Services, Inc. (EMO)	520	7/1/2009	7/1/2018
1557602	(undesignation)	East Texas Electric Cooperative	1	1/1/2009	1/1/2017
1564001	(renewal)	Louisiana Energy & Power Authority	6	4/1/2009	4/1/2014
1564356	(renewal)	NRG Power Marketing	5	9/1/2009	9/1/2025
1566302		NRG Power Marketing	300	1/1/2008	1/1/2013
1585225	(renewal)	City of Prescott	22	4/1/2009	4/1/2039
1585239	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2009	1/1/2013
1585240	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2009	1/1/2013
1598022	(renewal)	NRG Power Marketing	103	7/1/2010	7/1/2015
1598291		Entergy Services, Inc. (EMO)	206	6/1/2012	6/1/2042
1598885	(renewal)	Morgan Stanley Commodities Group	102	1/1/2009	1/1/2014
1598886	(renewal)	Morgan Stanley Commodities Group	102	1/1/2009	1/1/2014
1601111		Constellation	5	1/1/2010	1/1/2015
1615102	(renewal)	MidAmerican Energy, Inc.	50	1/1/2009	1/1/2014
1615103		MidAmerican Energy, Inc.	50	1/1/2009	1/1/2014
1615105		MidAmerican Energy, Inc.	50	1/1/2009	1/1/2014
1615108		MidAmerican Energy, Inc.	50	1/1/2009	1/1/2014
1629240		MidAmerican Energy, Inc.	7	3/1/2009	3/1/2014
1630065		NRG Power Marketing	40	1/1/2010	1/1/2015
1632265		Merrill Lynch Commodities	1	4/1/2009	4/1/2014
1633701		NRG Power Marketing	20	1/1/2010	1/1/2019
1633702		NRG Power Marketing	20	1/1/2010	1/1/2016
1633703		NRG Power Marketing	20	1/1/2010	1/1/2016
1639337		Entergy Services, Inc. (EMO)	587	3/1/2009	1/1/2019
1639338		Entergy Services, Inc. (EMO)	103	3/1/2009	1/1/2019
1639339		Entergy Services, Inc. (EMO)	32	3/1/2009	1/1/2019
1639340		Entergy Services, Inc. (EMO)	122	3/1/2009	1/1/2019
1639341		Entergy Services, Inc. (EMO)	134	3/1/2009	1/1/2019

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OASIS		PSE	MW	Begin	End
1640629		CLECO Power Marketing	58	5/1/2001	1/1/2021
1640630		CLECO Power Marketing	32	5/1/2001	1/1/2021
1643983	(renewal)	NRG Power Marketing	300	1/1/2010	1/1/2015
1643984	(renewal)	NRG Power Marketing	100	9/1/2010	9/1/2015
1644155		CLECO Power Marketing	9	4/1/2009	5/1/2016
1644215		NRG Power Marketing	83	1/1/2010	1/1/2025
1644908		CLECO Power Marketing	41	5/1/2009	5/1/2018
1648049	(undesignation)	Entergy Services, Inc. (EMO)	1	6/1/2010	6/1/2013
1648050		Entergy Services, Inc. (EMO)	100	6/1/2010	6/1/2013
1655366		Missouri Joint Municipal	6	10/1/2009	10/1/2014
1658087		Entergy Services (SPO)	1	6/1/2012	6/1/2042
1658088		SMEPA	21	6/1/2012	6/1/2042
1659388		NRG Power Marketing	25	1/1/2011	1/1/2016
1665288		Merrill Lynch Commodities	15	1/1/2011	1/1/2017
1665492	(renewal)	Merrill Lynch Commodities	16	11/1/2009	11/1/2014
1665493	(renewal)	Merrill Lynch Commodities	4	11/1/2009	11/1/2014
1665899		Ameren Energy, Inc.	75	9/1/2009	9/1/2014
1668165		Entergy Services (SPO)	600	1/1/2013	1/1/2043
1669126	(renewal)	Cargill Power Markets, LLC	103	1/1/2011	1/1/2016
1669127	(renewal)	Cargill Power Markets, LLC	103	1/1/2011	1/1/2016
1676674		NRG Power Marketing	100	1/1/2011	1/1/2020
1676675		NRG Power Marketing	100	1/1/2011	1/1/2020
1677749		Entergy Services, Inc. (EMO)	1	1/1/2013	1/1/2015
1679179	(renewal)	NRG Power Marketing	100	1/1/2011	1/1/2016
1679181	(renewal)	NRG Power Marketing	100	1/1/2011	1/1/2016
1685869	(renewal)	Muni Energy Agcy of Miss	19	1/1/2010	1/1/2018
1689499		Missouri Joint Municipal	3	9/1/2009	9/1/2014
1690613		NRG Power Marketing	25	1/1/2011	1/1/2016
1694305		Entergy Services (SPO)	15	5/1/2010	5/1/2020
1694306		Entergy Services (SPO)	30	5/1/2010	5/1/2020
73454527		Hope Water & Light	10	10/1/2009	10/1/2032
73457918		South Miss Electric Power Assoc.	180	10/1/2009	10/1/2014
73573797	(renewal)	American Electric Power	45	1/1/2011	1/1/2029
73586299	(renewal)	American Electric Power	6	1/1/2011	1/1/2029
73595626		NRG Power Marketing	13	1/1/2012	1/1/2017
73724303		Arkansas Electric Cooperative Corp.	104	1/1/2010	1/1/2015
73741113	(renewal)	Entergy Services, Inc. (EMO)	150	5/1/2010	5/1/2020
73741122	(renewal)	Entergy Services, Inc. (EMO)	135	5/1/2010	5/1/2020
73820650		MOWR	5	3/1/2010	3/1/2040
73884547		MOWR	35	8/1/2010	8/1/2040
73884558		MOWR	40	8/1/2010	8/1/2040
73942862	(renewal)	Muni Energy Agcy of Miss	13	6/1/2010	6/1/2015
73970673		Cargill Power Markets, LLC	40	1/1/2012	1/1/2016
73987480		South Miss Electric Power Assoc.	100	5/1/2010	5/1/2040
73987507		South Miss Electric Power Assoc.	180	6/1/2010	6/1/2015
73990804		South Miss Electric Power Assoc.	100	5/1/2010	5/1/2040
74001787		NRG Power Marketing	100	1/1/2011	1/1/2016

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<b>OASIS</b>		<b>PSE</b>	<b>MW</b>	<b>Begin</b>	<b>End</b>
74001895		NRG Power Marketing	100	1/1/2011	1/1/2016
74001897		NRG Power Marketing	22	1/1/2011	1/1/2016
74001904		NRG Power Marketing	28	1/1/2011	1/1/2016
74001930		NRG Power Marketing	42	8/1/2006	8/1/2036
74001931		NRG Power Marketing	60	3/1/2010	3/1/2040
74001934		NRG Power Marketing	60	4/1/2012	4/1/2042
74233619		WRGS	15	4/1/2012	4/1/2017
74233670	(undesignation)	Entergy Services, Inc. (EMO)	1	8/1/2012	1/1/2038
74236787		NRG Power Marketing	75	6/1/2012	6/1/2017
74236794		NRG Power Marketing	100	6/1/2012	6/1/2017
74236798		NRG Power Marketing	100	6/1/2012	6/1/2017
74305315		NRG Power Marketing	10	1/1/2014	1/1/2017
74305339		NRG Power Marketing	10	1/1/2013	1/1/2023
74356639		NRG Power Marketing	103	1/1/2011	1/1/2016
74356652		NRG Power Marketing	206	6/1/2012	6/1/2017
74356666		NRG Power Marketing	50	1/1/2013	1/1/2014
74408208		Louisiana Energy & Power Authority	13	9/1/2010	9/1/2015
74408225		Louisiana Energy & Power Authority	45	9/1/2010	9/1/2015
74514903		Entergy Services, Inc. (EMO)	20	6/1/2013	6/1/2029
74514911		Entergy Services, Inc. (EMO)	101	6/1/2013	6/1/2029
74691007		NRG Power Marketing	60	1/1/2013	1/1/2018
74728415		Brazos Electric Cooperative	100	1/1/2012	1/1/2017
74758974		Entergy Services, Inc. (EMO)	804	5/1/2013	5/1/2058
74777205	(renewal)	NRG Power Marketing	300	1/1/2013	1/1/2033
74777208	(renewal)	NRG Power Marketing	300	1/1/2015	1/1/2035
74789476	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2012	1/1/2016
74829975	(renewal)	CLECO Power LLC (Gen)	35	1/1/2011	1/1/2016
74835023		AECI / APM	103	1/1/2012	1/1/2017
74881866	(renewal)	NRG Power Marketing	8	3/1/2011	3/1/2021
74899933		Entergy Services (SPO)	322	2/1/2011	2/1/2041
74899954	(undesignation)	Entergy Services, Inc. (EMO)	1	2/1/2012	2/1/2014
74899956		Entergy Services, Inc. (EMO)	100	2/1/2012	2/1/2014
74899968	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2013	1/1/2015
74899969	(undesignation)	Entergy Services, Inc. (EMO)	1	1/1/2012	1/1/2015
74899972	(undesignation)	Entergy Services (SPO)	1	1/1/2015	1/1/2045
74899974	(undesignation)	Entergy Services (SPO)	1	1/1/2015	1/1/2045
74899976	(undesignation)	Entergy Services (SPO)	1	1/1/2015	1/1/2045
74899980		Entergy Services (SPO)	584	1/1/2015	1/1/2045
74899988	(undesignation)	Entergy Services (SPO)	1	6/1/2012	6/1/2042
74899989		Entergy Services (SPO)	485	6/1/2012	6/1/2042
74901827	(undesignation)	Entergy Services, Inc. (EMO)	1	2/1/2011	2/1/2041
74958042		NRG Power Marketing	34	1/1/2006	1/1/2036
74958045		NRG Power Marketing	34	1/1/2006	1/1/2036
74958047		NRG Power Marketing	17	1/1/2006	1/1/2036
74958048		NRG Power Marketing	17	1/1/2006	1/1/2036
75207302	(renewal)	Entergy Services, Inc. (EMO)	1	7/1/2011	7/1/2016
75259845		South Miss Electric Power Assoc.	2	4/1/2012	1/1/2040



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OASIS		PSE	MW	Begin	End
75265640	(renewal)	South Miss Electric Power Assoc.	75	6/1/2011	6/1/2016
75299243		AECI	103	1/1/2012	1/1/2017
75342276		Cargill Power Markets	202	12/1/2012	12/1/2017
75342281		Cargill Power Markets	202	12/1/2012	12/1/2017
75460486		MOWR	103	4/1/2012	4/1/2037
75495258	(renewal)	NRG Power Marketing	13	1/1/2017	1/1/2019
75564309		ETEC	50	5/1/2014	5/1/2044
75612079		NRG Power Marketing	103	1/1/2012	1/1/2013
75826033		CPWM	600	4/1/2014	4/1/2033
75831107		Muni Energy Agcy of Miss	20	6/1/2013	6/1/2041
76120007	renewal	CLECO Power Marketing	10	10/1/2012	10/1/2017
76234876		Entergy Services (SPO)	1	6/1/2012	6/1/2042
76234879		Entergy Services (SPO)	194	6/1/2012	6/1/2042
76234889		Entergy Services (SPO)	256	1/1/2016	1/1/2043
76234897		Entergy Services (SPO)	35	1/1/2016	1/1/2043
76234904		Entergy Services (SPO)	1	6/1/2012	6/1/2042
76234916		Entergy Services (SPO)	140	6/1/2012	6/1/2042
76234922		Entergy Services (SPO)	1	5/1/2013	5/1/2042
76234951		Entergy Services (SPO)	5	5/1/2013	5/1/2042
76234980		Entergy Services (SPO)	1	1/1/2014	1/1/2043
76234993		Entergy Services (SPO)	475	1/1/2014	1/1/2043
76235000					
76235003					
76238089		Entergy Services (SPO)	20	1/1/2014	1/1/2043
76280552	(undesignation)	Entergy Services (SPO)	1	6/1/2012	6/1/2042
76280558	(undesignation)	Entergy Services (SPO)	1	5/1/2013	5/1/2042
76336174	(redirect)	NRG Power Marketing	206	6/1/2013	6/1/2017
76449800		Arkansas Electric Cooperative Corp.	250	1/1/2012	1/1/2013
			275	1/1/2013	1/1/2014
			300	1/1/2014	1/1/2015
			320	1/1/2015	1/1/2017
76449828		Arkansas Electric Cooperative Corp.	78	1/1/2012	1/1/2013
			80	1/1/2013	1/1/2014
			82	1/1/2014	1/1/2015
			84	1/1/2015	1/1/2016
			86	1/1/2016	1/1/2017
76513126	(undesignation)	Constellation Energy Commodities Grp.	1	1/1/2012	1/1/2017
76513148	(undesignation)	Constellation Energy Commodities Grp.	1	1/1/2012	1/1/2017
76513215		EWOM	60	11/1/2009	11/1/2014
76513304	(renewal)	EWOM	60	11/1/2014	11/1/2019
76533177		EWOM	25	4/1/2009	4/1/2014
76533260	(renewal)	EWOM	25	4/1/2014	4/1/2019
76583976		AECC	600	9/1/2012	9/1/2017
76583995		AECC	200	9/1/2012	9/1/2017
76744580	(deferral)	South Miss Electric Power Assoc.	2	1/1/2013	1/1/2040
76767669		NRG Power Marketing	103	6/1/2013	6/1/2017

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## 9. PRE-888 TRANSACTIONS

OASIS		PSE	MW	Begin	End
1332606		East Texas Electric Cooperative	55	1/1/2006	1/1/2017
1412156		Entergy Services, Inc. (EMO)	741	1/1/2007	1/1/2038
1412158		Entergy Services, Inc. (EMO)	1867	1/1/2007	1/1/2038
1412160		Entergy Services, Inc. (EMO)	1142	1/1/2007	1/1/2038
1412161		Entergy Services, Inc. (EMO)	59	1/1/2007	1/1/2038
1412162		Entergy Services, Inc. (EMO)	148	1/1/2007	1/1/2038
1412164		Entergy Services, Inc. (EMO)	1157	1/1/2007	1/1/2038
1412165		Entergy Services, Inc. (EMO)	1219	1/1/2007	1/1/2038
1412166		Entergy Services, Inc. (EMO)	683	1/1/2007	1/1/2038
1412167		Entergy Services, Inc. (EMO)	140	1/1/2007	1/1/2038
1412168		Entergy Services, Inc. (EMO)	456	1/1/2007	1/1/2038
1412169		Entergy Services, Inc. (EMO)	739	1/1/2007	1/1/2038
1412171		Entergy Services, Inc. (EMO)	64	1/1/2007	1/1/2038
1412172		Entergy Services, Inc. (EMO)	870	1/1/2007	1/1/2038
1412173		Entergy Services, Inc. (EMO)	129	1/1/2007	1/1/2038
1412175		Entergy Services, Inc. (EMO)	130	1/1/2007	1/1/2038
1412176		Entergy Services, Inc. (EMO)	65	1/1/2007	1/1/2038
1412178		Entergy Services, Inc. (EMO)	61	1/1/2007	1/1/2038
1412179		Entergy Services, Inc. (EMO)	304	1/1/2007	1/1/2038
1412181		Entergy Services, Inc. (EMO)	692	1/1/2007	1/1/2038
1412183		Entergy Services, Inc. (EMO)	433	1/1/2007	1/1/2038
1412184		Entergy Services, Inc. (EMO)	1946	1/1/2007	1/1/2038
1412185		Entergy Services, Inc. (EMO)	946	1/1/2007	1/1/2038
1498278		Entergy Services, Inc. (EMO)	75	8/1/2007	1/1/2017
1498281		Entergy Services, Inc. (EMO)	86	8/1/2007	1/1/2017
1498283		Entergy Services, Inc. (EMO)	68	8/1/2007	1/1/2017
1498284		Entergy Services, Inc. (EMO)	78	8/1/2007	1/1/2017
1498285		Entergy Services, Inc. (EMO)	11	8/1/2007	1/1/2044
1498286		Entergy Services, Inc. (EMO)	69	8/1/2007	1/1/2044
1498287		Entergy Services, Inc. (EMO)	14	8/1/2007	1/1/2044
1528114	Replaces 1412186	Entergy Services, Inc. (EMO)	1523	1/1/2008	1/1/2038
1528115	Replaces 1412177	Entergy Services, Inc. (EMO)	1039	1/1/2008	1/1/2038
1528116	Replaces 1412182	Entergy Services, Inc. (EMO)	1834	1/1/2008	1/1/2038
76120467	Renewal for 1412178	Entergy Services, inc. (EMO)	61	1/1/2038	1/1/2045
76120472	Renewal for 1412172	Entergy Services, inc. (EMO)	870	1/1/2038	1/1/2045
76120479	Replaces 1412155	Entergy Services, Inc. (EMO)	1738	1/1/2012	1/1/2045
76234797	Renewal for 1412163	Entergy Services, Inc. (EMO)	194	1/1/2038	1/1/2043
76234817	Renewal for 1412174	Entergy Services, Inc. (EMO)	140	1/1/2038	1/1/2043
76234827	Renewal for 1412170	Entergy Services, Inc. (EMO)	183	1/1/2038	1/1/2043
76234836	Renewal	Entergy Services, Inc. (EMO)	351	1/1/2038	1/1/2043

*Entergy Services  
OASIS 76794133, 76794134, 76794135, 76794138, 76794140  
Facilities Study*

<b>OASIS</b>		<b>PSE</b>	<b>MW</b>	<b>Begin</b>	<b>End</b>
	for 1412180				
76292988	Replaces 1412163	Entergy Services, Inc. (EMO)	190	1/1/2012	1/1/2043
76292990	Replaces 1412174	Entergy Services, Inc. (EMO)	144	1/1/2012	1/1/2043
76292992	Replaces 1412170	Entergy Services, Inc. (EMO)	210	1/1/2012	1/1/2043
76292993	Replaces 1412180	Entergy Services, Inc. (EMO)	324	1/1/2012	1/1/2043
76528782		Constellation Energy Commodities Grp	5	7/1/1998	7/1/2027

*Entergy Services*  
*OASIS 76794133, 76794134, 76794135, 76794138, 76794140*  
*Facilities Study*

**10. STUDY QUEUE**

<b>OASIS</b>		<b>PSE</b>	<b>MW</b>	<b>Begin</b>	<b>End</b>
74846159		AEPM	65	1/1/2015	1/1/2020
75206836		ETEC	125	1/1/2015	1/1/2020
76523750		SRMPA	180	6/1/2012	6/1/2018
76523753		SRMPA	30	6/1/2012	6/1/2016
76523754		EWOM	45	6/1/2012	6/1/2016
76600643		Horizon Wind	100	3/1/2014	3/1/2019
76744419		SMEPA	280	1/1/2014	1/1/2025
SPP 74240998_1004_ 1007_1231_1265		AEP	20-116	1/1/2011	1/1/2020
SPP 75722463		INF	90	12/1/2012	12/1/2017
SPP 75722852		INF	200	1/1/2015	1/1/2020
SPP 75723823		INF	74	12/1/2012	12/1/2017

## 11. ATTACHMENTS

### 11.1. Table of Acronyms

<b>Acronym</b>	<b>Description</b>
ACSR	Aluminum Conductor Steel Reinforced
ACSS	Aluminum Conductor Steel Supported
ADEQ	Arkansas Department of Environmental Quality
AFUDC	Allowance for Funds Used During Construction
ATC	Available Transfer Capability
EES	Entergy Control Area
EHV	Extra-High Voltage
ERIS	Energy Resource Interconnection Service
ICT	Independent Coordinator of Transmission
IPO	Independent Pole operated
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
NRIS	Network Resource Interconnection Service
OASIS	Online Access and Same-time Information System
OATT	Open Access Transmission Tariff
POD	Point of Delivery
POR	Point of Receipt
SES	Steam Electric Station
SOC	System Operations Center
SHV	Super High Voltage
SW	Switch Station
TOC	Transmission Operations Center