



SPP *Southwest Power Pool*

***System Impact Study SPP-2001-350
For Transmission Service
Requested By
Coral Power***

From CSWS To WFEC

***For a Reserved Amount Of 100MW
From 7/1/03
To 7/1/08***

SPP Coordinated Planning

System Impact Study

Coral Power (CORP) has requested a system impact study for long-term Firm Point-to-Point transmission service from CSWS to WFEC. The period of the transaction is from 7/1/03 to 7/1/08. The request is for OASIS reservation 314192 for an amount of 100 MW.

The principal objective of this study is to identify constraints on the SPP Regional Tariff System and potential facility upgrades that may be necessary to facilitate the additional 100 MW of service requested.

The CSWS to WFEC transfer was studied to determine the facility upgrades required based on the actual queue position of the request with only those higher priority requests in Facility Study mode included in the models. Higher priority requests still in study that have not gone to facility study were not included in the models. These results are documented in Table 1 of the report. The results given in Table 1 include upgrades that may be assigned to higher priority requests. The results of this study give the customer an estimated cost of facility upgrades that may be required in order to accommodate the 100 MW CSWS to WFEC transfer.

SPP used seven seasonal models to study the CSWS to WFEC 100 MW transfer for the requested service period. The SPP 2002 Series Cases 2003 Summer Peak, 2003 Fall Peak, 2003/04 Winter Peak, 2004 Spring Peak, 2005 Summer Peak, 2005/06 Winter Peak and 2008 Summer Peak were used to study the impact of the 100 MW transfer on the SPP system during the requested service period of 7/1/2003 to 7/1/2008. The Spring Peak models apply to April and May, the Summer Peak models apply to June through September, the Fall Peak models apply to October and November, and the Winter Peak models apply to December through March. The chosen base case models were modified to reflect the most current modeling information. The cases were modified to reflect firm transfers during the requested service period that were not already included in the January 2002 base case series models.

With only the higher priority requests that have signed Facility Study Agreements included in the models, the study results of the CSWS to WFEC 100 MW show that limiting constraints exist. Due to the number of limiting constraints identified, the Transmission Service Request cannot be granted. These results do not include an evaluation of potential constraints in the planning horizon beyond the reservation period that may limit the right to renew service. The upgrades and cost provided in the System Impact Study are planning estimates only. The final ATC and upgrades required may vary from these results due to the status of higher priority requests, unknown facility upgrades that will be identified during the facility study process, and the final results of the full AC analysis. Execution of a Facility Study Agreement is now required to maintain queue position. The final upgrade solutions and cost assignments will be determined upon the completion of the facility study.

Table 1 – SPP facility upgrades identified for the CSWS to WFEC transfer

Study Year	From Area - To Area	Branch Over 100% Rate B	Rate B	Outaged Branch Causing Overload	ATC	Solution	Estimated Cost
03SP	WFEC-WFEC	Acme - Franklin Sw 69kV	34	Canadian Sw 69/138kV Transformer	0	Solution Undetermined	Not Available
03SP	WFEC-WFEC	Acme - West Norman 69kV	38	Canadian Sw 69/138kV Transformer	0	Solution Undetermined	Not Available
03SP	GRRD-GRRD	Afton 161/69kV Transformer	50	Miami - Afton 161kV	0	Replace 50 MVA Transformer with 84 MVA unit	\$ 833,000
03SP	AEPW-AEPW	Alumax Tap - Bann 138kV	261	Nw Texarkana-Bann T - Northwest Texarkana 138kV	0	Replace six (6) 138 kV switches, five at Bann & one at Alumax Tap. Rebuild 0.67 miles of 1024 ACAR with 2156 ACSR. Replace wavetrapp jumpers @ Bann. Replace breaker 3300 @ Bann.	\$ 630,000
03SP	AEPW-AEPW	Alumax Tap - Northwest Texarkana 138kV	261	Nw Texarkana-Bann T - Northwest Texarkana 138kV	0	Replace Switches Alumax Tap	\$ 30,000
03SP	AEPW-AEPW	Blue Circle - Catoosa 69kV	72	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	Solution Undetermined	Not Available
03SP	WFEC-WFEC	Carter Jct - Lake Creek 69kV	26	Elk City 138/69kV Transformer	0	Solution Undetermined	Not Available
03SP	SWPA-EES	Carthage - Reed Springs 69kV	36	Carthage - Jasper 69kV	0	Third Party Facility	\$ -
03SP	AEPW-AEPW	Catoosa 138/69kV Transformer	55	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	Solution Undetermined	Not Available
03SP	AEPW-AEPW	Cherokee Rec - Knox Lee 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Reconductor 3.25 miles of 666 ACSR with 1272 ACSR	\$ 981,000
03SP	AEPW-AEPW	Cherokee Rec - Tatum 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Reconductor 6.25 miles of 666 ACSR with 1272 ACSR	\$ 1,641,000
03SP	AEPW-AEPW	Diana - Perdue 138kV	237	Harrison Road - Liberty City Tap 138kV	0	Replace Breaker 10070 @ Perdue	\$ 150,000
03SP	OKGE-OKGE	Draper Lake 138/345kV Transformer ckt 1	493	Draper Lake 138/345kV Transformer Ckt 2	0	May be relieved due to OKGE Operating Guide	Not Available
03SP	OKGE-OKGE	Draper Lake 138/345kV Transformer ckt 2	493	Draper Lake 138/345kV Transformer Ckt 1	0	May be relieved due to OKGE Operating Guide	Not Available
03SP	AEPW-AEPW	Dyess - Chamber Springs 161kV	244	Chamber Springs - Farmington Aecc 161kV	0	AEPW Planned Tontitown Project	\$ -
03SP	AEPW-AEPW	Dyess - East Rogers 161kV	244	Flint Creek - Gentry Rec 161kV	0	AEPW Planned Tontitown Project	\$ -
03SP	AEPW-AEPW	East Centerton - Gentry Rec 161kV	353	Dyess - East Rogers 161kV	0	Rebuild 19.16 miles of 2-397.5 ACSR with 2156 ACSR	\$ 8,000,000
03SP	WERE-WERE	El Paso - Gill Energy Center South 138kV	210	Evans Energy Ctr Nth - Evans Energy Ctr Sth 138kV	0	Solution Undetermined	Not Available
03SP	AEPW-AEPW	Flint Creek - Gentry Rec 161kV	353	Dyess - East Rogers 161kV	0	Rebuild 1.09 miles of 2-397.5 ACSR with 2156 ACSR.	\$ 400,000
03SP	WFEC-WFEC	Goldsby - Oklahoma University Sw 69kV	34	Franklin Sw 69/138kV Transformer	0	Solution Undetermined	Not Available
03SP	WERE-WERE	Kereford Junction - Northwest Leavenworth 115kV	68	Arnold - Stranger Creek 115kV	0	Solution Undetermined	Not Available
03SP	AEPW-AEPW	Marshall 138/69kV Transformer ckt 1	107	Marshall 138/69kV Transformer Ckt 2	0	Replace 755 ACAR Strain Bus	\$ 25,000
03SP	AEPW-AEPW	Marshall 138/69kV Transformer ckt 2	107	Marshall 138/69kV Transformer Ckt 1	0	Replace 755 ACAR Strain Bus	\$ 25,000
03SP	WERE-WERE	Tecumseh Hill - 27Th & Croco 115kV ckt 1	68	Tecumseh Hill - 27Th & Croco 115kV Ckt 2	0	Solution Undetermined	Not Available
03SP	OKGE-OKGE	Tinker #4 - Tinker #2 138kV	100	Horseshoe Lake - Midway 138kV	0	Invalid Overload	\$ -
03FA	WFEC-WFEC	Acme - Franklin Sw 69kV	34	Canadian Sw 69/138kV Transformer	0	See Previous	See Previous
03FA	WFEC-WFEC	Goldsby - Oklahoma University Sw 69kV	34	Franklin Sw 69/138kV Transformer	0	See Previous	See Previous
03FA	AEPW-AEPW	Greggton - Lake Lamond 69kV	107	Diana - Perdue 138kV	0	Solution Undetermined	Not Available
03WP	WFEC-WFEC	Acme - Franklin Sw 69kV	34	Canadian Sw 69/138kV Transformer	0	See Previous	See Previous
03WP	WFEC-WFEC	Acme - West Norman 69kV	38	Canadian Sw 69/138kV Transformer	0	See Previous	See Previous
03WP	AEPW-AEPW	Diana - Perdue 138kV	237	Harrison Road - Liberty City Tap 138kV	0	See Previous	See Previous

Table 1 – continued – SPP facility upgrades identified for the CSWS to WFEC transfer

Study Year	From Area - To Area	Branch Over 100% Rate B	Rate B	Outaged Branch Causing Overload	ATC	Solution	Estimated Cost
03WP	WFEC-WFEC	Goldsbys - Oklahoma University Sw 69kV	34	Franklin Sw 69/138kV Transformer	0	See Previous	See Previous
03WP	WFEC-WFEC	Lexington - Paoli 69kV	34	Canadian Sw 69/138kV Transformer	92	Solution Undetermined	Not Available
03WP	WFEC-WFEC	Little Axe - Noble 69kV	26	Paoli 69/138kV Transformer	0	Solution Undetermined	Not Available
03WP	WFEC-WFEC	Paoli 69/138kV Transformer	42	Canadian Sw - Noble 69kV	0	Solution Undetermined	Not Available
04G	WFEC-WFEC	Acme - Franklin Sw 69kV	34	Canadian Sw - Goldsbys 69kV	23	See Previous	See Previous
04G	AEPW-AEPW	Elm Springs Rec - Tontitown 161kV	306	Chamber Springs - Farmington Aecc 161kV	0	Replace Switch and Elm Springs Strain Bus	\$ 100,00
04G	WFEC-WFEC	Goldsbys - Oklahoma University Sw 69kV	34	Franklin Sw 69/138kV Transformer	42	See Previous	See Previous
05SP	GRRD-GRRD	Afton 161/69kV Transformer	50	Miami - Afton 161kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Alumax Tap - Northwest Texarkana 138kV	261	Nw Texarkana-Bann T - Northwest Texarkana 138kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Blue Circle - Catoosa 69kV	72	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Broken Arrow 101St North - Oneta 138kV	210	Riverside Station Auto 138/345kV Transformer	0	Replace wavetrap	\$ 30,00
05SP	WFEC-WFEC	Carter Jct - Lake Creek 69kV	26	Elk City 138/69kV Transformer	82	See Previous	See Previous
05SP	SWPA-EES	Carthage - Reed Springs 69kV	36	Carthage - Jasper 69kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Catoosa 138/69kV Transformer	55	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Chamber Springs - Farmington Aecc 161kV	335	Chamber Springs - Tontitown 161kV	0	Replace Farmington switch	\$ 60,00
05SP	AEPW-AEPW	Chamber Springs - Tontitown 161kV	244	Flint Creek - Tontitown 161kV	0	Rebuild 12 miles with 2156ACSR	\$ 7,200,00
05SP	AEPW-AEPW	Cherokee Rec - Knox Lee 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Cherokee Rec - Tatum 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	See Previous	See Previous
05SP	AEPW-WFEC	Cornville - Corn Tap 138kV	105	Southwest Station - Anadarko 138kV	0	Solution Undetermined	Not Available
05SP	OKGE-OKGE	Draper Lake 138/345kV Transformer ckt 1	493	Draper Lake 138/345kV Transformer Ckt 2	0	See Previous	See Previous
05SP	OKGE-OKGE	Draper Lake 138/345kV Transformer ckt 2	493	Draper Lake 138/345kV Transformer Ckt 1	0	See Previous	See Previous
05SP	WERE-WERE	El Paso - Gill Energy Center South 138kV	210	Evans Energy Ctr Nth - Evans Energy Ctr Sth 138kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Elm Springs Rec - Tontitown 161kV	306	South Fayetteville - Farmington Aecc 161kV	0	See Previous	See Previous
05SP	AEPW-AEPW	Hallsville - Longview Heights 69kV	48	Marshall - Marshall Auto 69kV	0	Rebuild 7.07 miles of 4/0 ACSR with 795 ACSR	\$ 3,000,00
05SP	WFEC-WFEC	Little Axe - Noble 69kV	26	Paoli 69/138kV Transformer	74	See Previous	See Previous
05SP	AEPW-AEPW	Longwood - Noram 138kV	234	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Reconductor 4.66 miles of bundled 266 ACSR with 1590 ACSR and replace jumpers & Bus Riser jumpers	\$ 1,577,00
05SP	AEPW-AEPW	Marshall - North Marshall 69kV	72	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Replace 350 CU bus & jumpers @ North Marshall.	\$ 23,30
05SP	AEPW-AEPW	Marshall 138/69kV Transformer ckt 1	107	Marshall 138/69kV Transformer Ckt 2	0	See Previous	See Previous
05SP	AEPW-AEPW	Marshall 138/69kV Transformer ckt 2	107	Marshall 138/69kV Transformer Ckt 1	0	See Previous	See Previous
05SP	WEPL-WEPL	Phillipsburg - Smith Center 115kV	40	Knoll - Summit 230kV	0	Solution Undetermined	Not Available

Table 1 – continued – SPP facility upgrades identified for the CSWS to WFEC transfer

Study Year	From Area - To Area	Branch Over 100% Rate B	Rate B	Outaged Branch Causing Overload	ATC	Solution	Estimated Cost
05SP	AEPW-AEPW	Rock Hill - Tatum 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Reconductor 0.81 miles 666MCM to 1272 ACSR - Reconductor other 5.76 miles of 795 ACSR with 1272 ACSR. Reset CTs and relay settings @ Rock Hill	\$ 342,97
05SP	AEPW-WFEC	Southwest Station - Anadarko 138kV	203	Verden - Southwest Station 138kV	0	Replace bus, jumpers, switches, supports and foundations at Anadarko Switch Station	\$ 450,00
05SP	OKGE-OKGE	Tinker #4 - Tinker #2 138kV	100	Horseshoe Lake - Midway 138kV	0	See Previous	See Previous
05WP	AEPW-AEPW	Catoosa 138/69kV Transformer	55	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	See Previous	See Previous
05WP	AEPW-AEPW	Elm Springs Rec - Tontitown 161kV	306	Chamber Springs - Farmington Aecc 161kV	0	See Previous	See Previous
05WP	WERE-WERE	Fort Jct Swi Sta - West Jct City Jct (East) 115kV ckt 1	68	Fort Jct Swi Sta - West Jct City Jct (East) 115kV ckt 2	0	May be relieved due to Westar Transmission Operating Directive 1217	Not Available
08SP	GRRD-GRRD	Afton 161/69kV Transformer	50	Miami - Afton 161kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Alumax Tap - Bann 138kV	261	Nw Texarkana-Bann T - Northwest Texarkana 138kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Alumax Tap - Northwest Texarkana 138kV	261	Nw Texarkana-Bann T - Northwest Texarkana 138kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Blue Circle - Catoosa 69kV	72	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	See Previous	See Previous
08SP	AEPW-OKGE	Bonanza - Bonanza Tap 161kV	177	Aes - Tarby 161kV	0	Rebuild 0.06 miles of 397.5 ACSR with 795MCM ACSR	\$ 50,00
08SP	AEPW-AEPW	Broken Arrow 101St North - Oneta 138kV	210	Pittsburg - Muskogee 345kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Broken Arrow 81St - Broken Arrow 101St North 138kV	235	Riverside Station Auto 138/345kV Transformer	0	Rebuild 2.05 miles of 795 ACSR with 1590 ACSR	\$ 1,100,00
08SP	AEPW-AEPW	Broken Arrow North - North Tap - Oneta 138kV	235	Broken Arrow 101St North - Oneta 138kV	0	Solution Undetermined	Not Available
08SP	AEPW-AEPW	Broken Arrow North - South Tap - Lynn Lane Tap 138kV	235	Tulsa North - Northeast Station 345kV	0	Rebuild 4.63 miles of 795 ACSR with 1590 ACSR	\$ 2,600,00
08SP	AEPW-AEPW	Broken Arrow North - South Tap - Oneta 138kV	235	Tulsa North - Northeast Station 345kV	0	Rebuild 4.31 miles of 795 ACSR with 1590 ACSR.	\$ 2,370,50
08SP	WFEC-WFEC	Carter Jct - Dill Jct 69kV	26	Pine Ridge - Washita 69kV	0	Solution Undetermined	Not Available
08SP	WFEC-WFEC	Carter Jct - Lake Creek 69kV	26	Elk City 138/69kV Transformer	0	See Previous	See Previous
08SP	AEPW-AEPW	Catoosa 138/69kV Transformer	55	Lynn Lane West Tap - Lynn Lane Tap 138kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Chamber Springs - Tontitown 161kV	244	Flint Creek - Tontitown 161kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Chamber Springs 161/345kV Transformer	660	Flint Creek - Grda1 345kV	0	Install 2nd 345/161 kV Auto-transformer	\$ 4,000,00
08SP	AEPW-AEPW	Cherokee Rec - Knox Lee 138kV	209	Stonewall - Western Electric T 138kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Cherokee Rec - Tatum 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	See Previous	See Previous
08SP	AEPW-WERE	Coffeyville Tap - Dearing 138kV	210	Delaware - Neosho 345kV	98	Replace wave trap to increase rating to conductor rating (2000 A)	\$ 20,00
08SP	WFEC-WFEC	Comanche - Walters 69kV	38	Comanche - Lawton Disposal Tap 69kV	22	Solution Undetermined	Not Available
08SP	WERE-WERE	County Line - Tecumseh Hill 115kV	106	Tecumseh Energy Center - Tecumseh Hill 115kV	0	May be relieved due to Westar Transmission Operating Directive 1203	Not Available
08SP	SWPS-SWPS	Curry County - Roosevelt County 115kV ckt 2	161	Oasis Interchange 115/230kV Transformer	0	Solution Undetermined	Not Available
08SP	AEPW-AEPW	Diana - Perdue 138kV	237	Harrison Road - Liberty City Tap 138kV	0	See Previous	See Previous
08SP	OKGE-OKGE	Draper Lake 138/345kV Transformer ckt 1	493	Draper Lake 138/345kV Transformer Ckt 2	0	See Previous	See Previous
08SP	OKGE-OKGE	Draper Lake 138/345kV Transformer ckt 2	493	Draper Lake 138/345kV Transformer Ckt 1	0	See Previous	See Previous
08SP	INDN-AECI	Eckles 5 - PITTSV 161kV	163	Clinton - Holden 161kV	0	Solution Undetermined	Not Available
08SP	WERE-WERE	El Paso - Gill Energy Center South 138kV	210	Evans Energy Ctr Nth - Evans Energy Ctr Sth 138kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Elm Springs Rec - Tontitown 161kV	306	South Fayetteville - Farmington Aecc 161kV	0	See Previous	See Previous

Table 1 – continued – SPP facility upgrades identified for the CSWS to WFEF transfer

Study Year	From Area - To Area	Branch Over 100% Rate B	Rate B	Outaged Branch Causing Overload	ATC	Solution	Estimated Cost
08SP	AEPW-AEPW	Flint Creek - Tontitown 161kV	312	Flint Creek - East Centerton 345kV	74	Replace switch and jumpers	\$ 45,00
08SP	AEPW-EES	Fulton - Patmos 115kV	174	Lydia - Valliant 345kV	0	Using 1590MCM ACSR, reconductor 7.1 miles	\$ 2,300,00
08SP	AEPW-AEPW	Hallsville - Longview Heights 69kV	48	Marshall - Marshall Auto 69kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Jacksonville (Swe-Rc-Etec) - Overton 138kV	235	Crockett - Tenaska Rusk County 345kV	0	Reset relays at Jacksonville & Overton	\$ 15,00
08SP	SWPA-EES	Jonesboro - Jonesboro 161kV	223	New Madrid - Kennett 161kV	0	Solution Undetermined	Not Available
08SP	AEPW-AEPW	Knox Lee - Oak Hill #2 138kV	210	Knox Lee - Monroe Corners Rec 138kV	0	Replace wavetrap @ Knoxlee	\$ 20,00
08SP	AEPW-AEPW	Lieberman - IPC Jefferson 138kV	136	Longwood - Wilkes 345kV	0	Reconductor 26.35 miles of 336 ACSR with 795 ACSR, Replace Switches @ Lieberman, Reset Relays @ Jefferson IPC, & Reconductor 0.65 miles 397MCM to 795MCM	\$ 7,411,00
08SP	WFEF-WFEF	Lindsay Sw - Wallville 69kV	26	Fletcher - Marlow Jct 69kV	0	Solution Undetermined	Not Available
08SP	AEPW-AEPW	Longwood - Noram 138kV	234	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Marshall - North Marshall 69kV	72	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Marshall 138/69kV Transformer ckt 1	107	Marshall 138/69kV Transformer Ckt 2	0	See Previous	See Previous
08SP	AEPW-AEPW	Marshall 138/69kV Transformer ckt 2	107	Marshall 138/69kV Transformer Ckt 1	0	See Previous	See Previous
08SP	OKGE-WFEF	Midwest Tap - Franklin Sw 138kV	215	Anadarko - Pocassett 138kV	0	Replace 600A metering CTs with 1200A	\$ 55,00
08SP	AEPW-AEPW	North Marshall - Woodlawn 69kV	51	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Replace 3/0 CU jumpers @ North Marshall	\$ 15,00
08SP	SWPS-SWPS	Northeast Hereford Interchange 115/69kV Transformer	84	Hereford Interchange - Deaf Smith Interchange 115kV	0	Solution Undetermined	Not Available
08SP	OKGE-OKGE	Pecan Creek 161/345kV Transformer	369	Muskogee - Ft Smith 345kV	0	Add 2nd 345/161 kV 369MVA transformer.	\$ 3,000,00
08SP	WEPL-WEPL	Phillipsburg - Smith Center 115kV	40	Knoll - Summit 230kV	0	See Previous	See Previous
08SP	AEPW-AEPW	Raines - Noram 138kV	234	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	Rebuild 5.58 miles of 2-266 ACSR with 1590 ACSR	\$ 2,000,00
08SP	AEPW-AEPW	Rock Hill - Tatum 138kV	209	Multiple Outage Contingency Southwest Shreveport - Longwood 345kV Southwest Shreveport to Diana 345kV	0	See Previous	See Previous
08SP	WFEF-WFEF	Russell 69/138kV Transformer	25	Anadarko - Paradise 138kV	0	Solution Undetermined	Not Available
08SP	AEPW-AEPW	South Fayetteville - Farmington Aecc 161kV	313	Chamber Springs - Tontitown 161kV	0	Solution Undetermined	Not Available
08SP	AECI-AECI	Stilwell - Titanic Tap 69kV	36	Sallisaw - Brushy 69kV	0	Line Owned by GRDA - Solution Undetermined	Not Available
08SP	EMDE-AECI	Sub 446 - Chesapeake - 2MTVRN 69kV	36	Sub 124 - Aurora H.T. - Sub 355 - Aurora West 69kV	0	Solution Undetermined	Not Available
08SP	GRRD-GRRD	Tahlequah 69/161kV Transformer ckt 1	78	Tahlequah 69/161kV Transformer Ckt 2	0	Solution Undetermined	Not Available
08SP	GRRD-GRRD	Tahlequah 69/161kV Transformer ckt 2	78	Tahlequah 69/161kV Transformer Ckt 1	0	Solution Undetermined	Not Available
08SP	WERE-WERE	Tecumseh Hill - 27Th & Croco 115kV ckt 1	68	Tecumseh Hill - 27Th & Croco 115kV Ckt 2	0	See Previous	See Previous
08SP	OKGE-OKGE	Tinker #4 - Tinker #2 138kV	100	Horseshoe Lake - Midway 138kV	0	See Previous	See Previous
						Total (Excludes Costs Not Available)	\$ 50,499,77