than the Internal Revenue Code, which are not intended to be affected.

FN100. SeeI.R.C. §1552(a)(2)-(4) and 26 C.F.R. §§1.1502-33(d)(2)(i)-(iii) and 1.1552-1(a)(2)-(4).

FN101. See26 C.F.R. §1.1502-33(d)(2)(ii).

FN102. See26 C.F.R. §§1.1552-1(c)(1) and 1.1502-33(d)(3).

FN103. For example, the Southern Natural Gas Company has, since 1967, joined with its parent, Sonat Inc., and its affiliates in filing a consolidated tax return. For tax purposes the Sonat group allocates its consolidated tax liability in a way that the members' reporting a tax loss are credited with the "tax savings"—just the opposite of the method the Columbia group uses. See Exh. 1(j) at 4, Southern Natural Gas Company. Opinion No. 174, 23 FERC P 61,397. Thus, if we were to follow the allocation method the group uses for tax purposes, the ratepayers of the Columbia pipelines would receive the tax saving the group derives from filing a consolidated return but the ratepayers of the Southern pipeline would not. We can perceive no justification for that.

FN104. 26 C.F.R. §1.1502-14(a).

FN105. What happens is this: The parent will, for example, issue 30 year bonds to the public paying a coupon rate of 9.83%. When the parent lends money to one of its subsidiaries, the maturity and interest rates on the subsidiary's bonds are tied to those of the parent's most recent borrowing. The interest rate, however, is rounded down to the next lower 1/10th of one percent. Thus, the subsidiary would issue to the parent 30 year bonds with a coupon rate of 9.80%. See Exh. 5 at 7.

FN106. Id. at 8.

FN107. Exh. 8, Schedule 2.

FN108. For a fuller description of how the tax base is calculated, see supra p. 11.

FN109. Sierra Pacific Power Company, Opinion No. 730, 53 FPC 1975, 1806-7 (1975), states the general rule. But there can be exceptions. Seee.g., <u>East TennesseeNatural Gas Company</u>, Opinion No. 106, 13 FERC P 61,227 (1980).

FN110. Seesupra p. 2.

FN111. The tax allowance includes an amount to compensate for the fact that the tax allowance is subject to taxation when received. When the tax rate is 50%, the additional amount is exactly equal to the tax on the tax base. Seesupra p. 11.

FN112. S has issued \$5,000 of bonds at 8%.

FN113. The calculation of the consolidated tax liability looks a little different from the calculation of the tax allowance. But this difference is without significance. Unlike the calculation of the tax allowance, the consolidated return continues to respect corporate form. Because that is so, there is an intermediate step in calculating the consolidated tax liability. That step is to allow S to report a deduction for the interest of \$400 it pays to P and to require P to include its interest income from S. Because those amounts are equal, the intermediate step is a wash. This leaves only income of \$1,560, which is offset by \$600 of interest expense. The tax allowance is calculated in the same way.

54 P.U.R.4th 31, 23 FERC P 61396, 1983 WL 874322 (F.E.R.C.)

FN114. The effective tax rate is derived by dividing the consolidated tax liability of \$480 by S's own taxable income, \$1160, as shown on the consolidated return.

FN115. This is what the Commission did in the old consolidated tax cases where the parent reported a tax loss because of its interest deduction and an effective tax rate was used. Seesupra p. 17. This was also what the Columbia pipelines did in rate cases prior to the change in the Commission's policy in Florida Gas. Tr. 428.

FN116. The tax rate is 50%.

FN117. The tax rate is the effective tax rate of 41.4%.

FN118. Id.

FN119. Tr. 548, 586.

FN120. Charlottesville has attempted to prove its argument by comparing the tax base when the pipelines' cost of debt is used in setting rates and when the parent's cost of debt is used. See Exh. 13 at 39-41; Exh. 14, and Schedules 14-15; Exh. 49; see also Petitioner's Reply Brief, City of Charlottesville v. F.E.R.C., 661 F.2d 945. This comparison shows that the tax base is the same. This should not be, Charlottesville implies, if deducting the parent's interest expense had the effect the pipelines claim it does.

The problem with this comparison is that it rests on contrived facts. What Charlottesville has done is to substitute the pipelines' cost of debt for the parent's cost of debt in the parent's capital structure. Everything else remains the same, including the equity component. Because the equity component is the basic measure of the tax base, the tax base will of course be the same whether the parent's or the pipelines' cost of debt is used. But the pipelines' cost of debt cannot be used with the parent's capital structure. A company's cost of debt only

But the pipelines' cost of debt cannot be used with the parent's capital structure. A company's cost of debt only has significance in relation to its own indebtedness. Hence, if the pipelines' cost of debt is to be used, then their capital structures should also be used. Tr. 545. When that is done, however, Charlottesville's argument falls apart. The pipelines have more equity than their parent. So the equity return will be higher if the pipelines' capital structure and costs are used. The tax base will accordingly be higher than it would be if the parent's capital structure and costs are used. See Exh. 53, Schedule 2.

FN121. True, Charlottesville's witness calculated a rate of return based on the pipelines' own capital structure and costs. Exh. 53, Schedule 1. The rate of return so calculated is 9.06% while the rate of return included in the settlement, is 9.49%. But the 9.06% rate of return was not based on a test year estimate of interest expense. It was based on amounts recorded on the pipelines' books. So the return is somewhat understated—by how much we do not know. Moreover, the settlement's rate of return was the product of a settlement. It might not be calculated in exactly the same way as the witness did for the pipelines.

FN122. Seesupra pp. 41-42.

Federal Energy Regulatory Commission

54 P.U.R.4th 31, 23 FERC P 61396, 1983 WL 874322 (F.E.R.C.)

END OF DOCUMENT

TO

DIRECT TESTIMONY

OF

JAY JOYCE

Workpapers to the Direct Testimony of Jay Joyce are voluminous and are being provided in electronic format.

TO

DIRECT TESTIMONY

OF

DANE A. WATSON

Workpapers to the Direct Testimony of Dane A. Watson are voluminous and are being provided in electronic format.

TO

DIRECT TESTIMONY

OF

ALDO E. PORTALES

Workpapers to the Direct Testimony of Aldo E. Portales are attached.

Confidential and/or Highly Sensitive Workpapers will be provided pursuant to the terms of the Protective Order.

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Selected Interest Rates (Weekly) - H.15

Current Release Release Dates Daily Update Historical Data About Announcements

Current Release (48 KB PDF)

Release Date: November 21, 2011

The weekly release is posted on Monday. Daily updates of the weekly release are posted Tuesday through Friday on this site. If Monday is a holiday, the weekly release will be posted on Tuesday after the holiday and the daily update will not be posted on that Tuesday.

November 21, 2011 H.15 Selected Interest Rates

Yields in percent per annum

Instruments	2011	2011	2011	2011	2011	Week Ending		
instruments	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 18	Nov 11	2011 Oct
Federal funds (effective) 123	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.07
Commercial Paper ^{3 4 5 5}								
Nonfinancial	-							
1-month	0.10	0.11	0.09	0.11	0.07	0.10	0.11	0.09
2-month	0.11	0.11	0.12	n.a.	0.11	0.11	0.11	0.10
3-month	0.16	0.16	0.11	n.a.	0.13	0.14	0.13	0.15
Financial								
1-month	0.10	0.11	0.11	0.16	0.09	0.11	0.08	0.11
2-month	0.24	0.17	0.12	0.12	0.18	0.17	0.15	0.15
3-month	0.21	0.23	0.26	0.20	0.21	0.22	0.21	0.24
CDs (secondary market) ^{3 Z}								
1-month	0.20	0.20	0.20	0.21	0.21	0.20	0.20	0.20
3-month	0.41	0.42	0.43	0.43	0.44	0.43	0.39	0.37
6-month	0.59	0.59	0.59	0.61	0.62	0,60	0.54	0.50
Eurodoliar deposits (London) ^{3 g}								
1-month	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
3-month	0.50	0.49	0.49	0.49	0.49	0.49	0.50	0.49
6-month	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
Bank prime loan ^{2 2 9}	3.25	3.25	3,25	3.25	3,25	3.25	3.25	3.25

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Discount window primary credit ² 10	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
U.S. government securities								
Treasury bills (secondary market) ^{3 4}								
4-week	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01
3-month	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0,02
6-month	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05
1-year	0.08	0.11	0.11	0.10	0.12	0.10	0.09	0.11
Treasury constant maturities								
Nominal ¹¹							<u> </u>	
1-month	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.0
3-month	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02
6-month	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.0
1-year	0.09	0.11	0.11	0.10	0.12	0.11	0.10	0.1
2-year	0.24	0.26	0.26	0.27	0.29	0.26	0.25	0.2
3-year	0.39	0.40	0.40	0.40	0.43	0.40	0.38	0.4
5-year	0.91	0.93	0.90	0.88	0.94	0.91	0.90	1.0
7-year	1.46	1.48	1.44	1.41	1.48	1.45	1.45	1.6
10-year	2.04	2.06	2.01	1.96	2.01	2.02	2,05	2.1
20-year	2.77	2.79	2.73	2.66	2.69	2.73	2.79	2.8
30-year	3.09	3.10	3.05	2.98	2,99	3.04	3.08	3.13
Inflation indexed $\frac{12}{}$								
5-year	-0.93	-0.83	-0.78	-0.71	-0.70	-0.79	-1.00	-0.6
7-year	-0.50	-0.42	-0.40	-0.36	-0.35	-0.41	-0.57	-0.2
10-year	-0.01	0.04	0.05	0.06	0.05	0.04	-0.05	0.19
20-уеаг	0.56	0.61	0.59	0.60	0.60	0.59	0.51	0.7
30-year	0.79	0.84	0.83	0.83	0.83	0.82	0.75	0.99
Inflation-indexed long-term average ¹³	0.51	0.56	0.56	0.56	0.56	0.55	0.48	0.74
Interest rate swaps 13								
1 year	0.64	0.67	0.68	0.75	0.74	0.70	0.59	0.57
2.year	0.70	0.71	0.73	0.79	0.78	0.74	0.62	0.6
3-year	0.83	0.83	0.84	0.89	0.89	0.86	0.74	0.8
4-year	1.06	1.05	1.07	1.10	1.10	1.08	0.97	1.0
5-year	1.33	1.32	1.32	1.35	1.35	1.33	1.24	1.3
7-уеаг	1.80	1.77	1.78	1.79	1.79	1.78	1.73	1.87
10-year	2.25	2.20	2.22	2.22	2.20	2.22	2.18	2.3

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30-year	2.86	2.80	2.81	2.78	2.74	2.80	2.82	2.90
Corporate bonds								
Moody's seasoned								
Aaa ¹⁵	3.89	3.93	3.91	3.83	3.90	3.89	3.88	3.98
Ваа	5.17	5.20	5.18	5.12	5.15	5.16	5.12	5.37
State & local bonds 16				4.09		4.09	4.02	4.13
Conventional mortgages ¹⁷				4.00		4.00	3.99	4.07

n.a. Not available.

Footnotes

- 1. The daily effective federal funds rate is a weighted average of rates on brokered trades.
- 2. Weekly figures are averages of 7 calendar days ending on Wednesday of the current week; monthly figures include each calendar day in the month.
- 3. Annualized using a 360-day year or bank interest.
- 4. On a discount basis.
- 5. Interest rates interpolated from data on certain commercial paper trades settled by The Depository Trust Company. The trades represent sales of commercial paper by dealers or direct issuers to investors (that is, the offer side). The 1-, 2-, and 3-month rates are equivalent to the 30-, 60-, and 90-day dates reported on the Board's Commercial Paper Web page (www.federalreserve.gov/releases/cp/).
- 6. Financial paper that is insured by the FDIC's Temporary Liquidity Guarantee Program is not excluded from relevant indexes, nor is any financial or nonfinancial commercial paper that may be directly or indirectly affected by one or more of the Federal Reserve's liquidity facilities. Thus the rates published after September 19, 2008, likely reflect the direct or indirect effects of the new temporary programs and, accordingly, likely are not comparable for some purposes to rates published prior to that period.
- 7. An average of dealer bid rates on nationally traded certificates of deposit.
- 8. Source: Bloomberg and CTRB ICAP Fixed Income & Money Market Products.
- 9. Rate posted by a majority of top 25 (by assets in domestic offices) insured U.S.-chartered commercial banks. Prime is one of several base rates used by banks to price short-term business loans.
- 10. The rate charged for discounts made and advances extended under the Federal Reserve's primary credit discount window program, which became effective January 9, 2003. This rate replaces that for adjustment credit, which was discontinued after January 8, 2003. For further information, see www.federalreserve.gov/boarddocs/press/bcreg/2002/200210312/default.htm. The rate reported is that for the Federal Reserve Bank of New York. Historical series for the rate on adjustment credit as well as the rate on primary credit are available at www.federalreserve.gov/releases/h15/data.htm.
- 11. Yields on actively traded non-inflation-indexed issues adjusted to constant maturities. The 30-year Treasury constant maturity

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series was discontinued on February 18, 2002, and reintroduced on February 9, 2006. From February 18, 2002, to February 9, 2006, the U.S. Treasury published a factor for adjusting the daily nominal 20-year constant maturity in order to estimate a 30-year nominal rate. The historical adjustment factor can be found at www.treasury.gov/resource-center/data-chart-center/interest-rates/. Source: U.S. Treasury.

- 12. Yields on Treasury inflation protected securities (TIPS) adjusted to constant maturities. Source: U.S. Treasury. Additional information on both nominal and inflation-indexed yields may be found at www.treasury.gov/resource-center/data-chart-center/interest-rates/.
- 13. Based on the unweighted average bid yields for all TIPS with remaining terms to maturity of more than 10 years.
- 14. International Swaps and Derivatives Association (ISDA®) mid-market par swap rates. Rates are for a Fixed Rate Payer in return for receiving three month LIBOR, and are based on rates collected at 11 (00 a.m. Bastern time by Garban Intercapital pic and published on Reuters Page ISDAFIX®1-ISDAFIX is a registered service mark of ISDA-Source; Reuters Limited.
- 15. Moody's Aaa rates through December 6, 2001, are averages of Aaa utility and Aaa industrial bond rates. As of December 7, 2001, these rates are averages of Aaa industrial bonds only.
- 16. Bond Buyer Index, general obligation, 20 years to maturity, mixed quality; Thursday quotations.
- 17. Contract interest rates on commitments for fixed-rate first mortgages. Source: Primary Mortgage Market Survey® data provided by Freddie Mac.

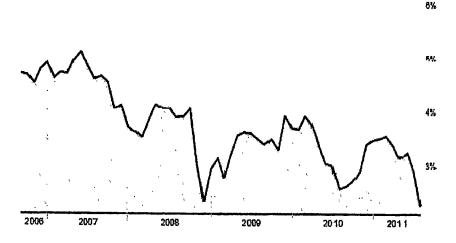
Note: Weekly and monthly figures on this release, as well as annual figures available on the Board's historical H.15 web site (see below), are averages of business days unless otherwise noted,

Current and historical H.15 data are available on the Federal Reserve Board's web site (<u>www.federalreserve.gov/</u>). For information about individual copies or subscriptions, contact Publications Services at the Federal Reserve Board (phone 202-452-3244, fax 202-728-5886).

Description of the Treasury Nominal and Inflation-Indexed Constant Maturity Series
Yields on Treasury nominal securities at "constant maturity" are interpolated by the U.S. Treasury from the daily yield curve for non-inflationindexed Treasury securities. This curve, which relates the yield on a security to its time to maturity, is based on the closing market bid yields on
actively traded Treasury securities in the over-the-counter market. These market yields are calculated from composites of quotations obtained by
the Federal Reserve Bank of New York. The constant maturity yield values are read from the yield curve at fixed maturities, currently 1, 3, and 6
months and 1, 2, 3, 5, 7, 10, 20, and 30 years. This method provides a yield for a 10-year maturity, for example, even if no outstanding security
has exactly 10 years remaining to maturity. Similarly, yields on inflation-indexed securities at "constant maturity" are interpolated from the daily
yield curve for Treasury inflation protected securities in the over-the-counter market. The inflation-indexed constant maturity yields are read
from this yield curve at fixed maturities, currently 5, 7, 10, and 20 years.

Treasury yields near all-time lows

By Annalyn Censky August 10, 2011: 4:46 PM ET 10-year yield



At 2.14% early Wednesday, the 10-year Treasury yield is not far from its record low close of 2.13% in December 2008.

NEW YORK (CNNMoney) -- The stomach-churning stock market roller coaster is ramping up demand for Treasuries, even after Standard & Poor's downgraded the United States on Friday.

Combine stock market volatility with the Federal Reserve's gloomy comments about the economy, and it's no surprise then that hunger for low-risk assets remains high.

As a result, the 10-year yield fell to 2.09% Wednesday afternoon, trading near its record low close of 2.06% last seen in December 2008.

A \$24 billion auction of 10-year notes also drew solid demand, even at a 2.14% yield -- the lowest 10-year yield at auction, ever on record.

In uncertain times, investors typically flee risky assets such as stocks and pile into perceived safe havens, which -- even after the S&P downgrade -- include U.S. Treasuries.

"We don't think investors care much whether U.S. debt is rated AAA or AA+," Ron Muhlenkamp, president and portfolio manager of the Muhlenkamp Fund, said in a report to investors. "The U.S. Treasury market is still the largest and deepest market in the world, and the likelihood of getting the promised payments remains very high."

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Bond yields tanked Tuesday, after the Federal Reserve said it views the economy as "considerably slower" than expected. In line with that gloomy outlook, the central bank said it plans to keep its key interest rate at an "exceptionally low" level until at least mid-2013.

"I have never in my 28 years of doing this seen such a long-term statement from the Federal Reserve," Kevin Giddis, president of Morgan Keegan's fixed income capital markets division, said in a note to investors. "The stage is set for some pretty tough sledding over the next few months and whatever confidence and momentum was created in the last year was pretty much wiped out."

A low federal funds rate is thought to encourage spending by making it cheaper for both consumers and businesses to borrow money.

But the low rate also signaled to investors that the Fed doesn't see inflation significantly affecting the economy for at least two years. That can make even record-low bond yields an attractive option, since at least bonds practically guarantee a return. Stocks -- especially in a low inflation environment -- offer no such guarantee.

In afternoon trading, the 2-year yield fell to 0.19%, slumping under its record-low close of 0.2% last week. The 5-year yield fell to 0.91%, also below it's recent record.

The only Treasury not near a record-low yield is the 30-year bond, which is trading around 3.49%.

First Published: August 10, 2011: 11:24 AM ET

http://money.cnn.com/2011/08/10/markets/bondcenter/treasuries/index.htm

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July 12, 2011

Dear Invited Financial Institution:

We are pleased to invite your institution to submit a proposal to act as a Lead Arranger for the financing of the CREZ project of Lone Star Transmission, LLC ("Lone Star"), an indirect wholly-owned subsidiary of NextEra Energy, Inc. At this point, we will only be considering construction/mini-perm facilities with a term of 6-7 years. This request for proposals is limited to a select group of key relationship financial institutions who have expressed an interest in supporting our emerging transmission service provider business. Please note that the request for proposal, all the information provided and the existence of this RFP is considered extremely confidential. Please do not make this public outside your organization.

Lone Star is a Delaware limited liability company whose sole purpose is to register, build, own and operate an approximately 321 mile high voltage, alternating current, open access transmission line in Texas (along with relevant substations). To that end, Lone Star was awarded a portion of the more than 2,300 miles of transmission lines the Public Utilities Commission of Texas ("PUCT") ordered built as part of its Competitive Renewable Energy Zones (CREZ) initiative. These projects are intended to delivery energy (primarily renewable energy) from each of the CREZ regions to other parts of Texas.

Lone Star has received all the approvals necessary from the PUCT for its Certificate of Convenience and Necessity filing ("CCN"). Major activities now underway include land acquisition, surveying, design and engineering for both the line and the substations. Also, construction has commenced for the two easternmost substations (Navarro and Sam Switch), which are sited along existing Oncor 345-kV lines. Completion of the entire project is anticipated in early- to mid-2013. Revenue recovery should be determined by the PUCT within 185 days of the filing of Lone Star's rate request, but may take longer. After the PUCT concludes Lone Star's transmission rate case(s), and after the project enters service, Lone Star may access the capital markets (to the extent necessary and/or attractive) to obtain debt financing. Any such financing will be used to refinance funding utilized during the construction phase.

In the interim, Lone Star is seeking to obtain a senior secured construction/term credit facility, with a first priority security interest in Lone Star's equity interests pledged to secure the loans under the facility. Lone Star anticipates that proceeds from the facility would be funded on a pro-rata basis alongside equity funding from NextEra Energy Capital Holdings, Inc. (Lone Star's indirect parent, "Capital Holdings"). The facility would provide Lone Star the ability to draw funds for construction on a regular basis, generally monthly, to fund a portion of Lone Star's actual capital expenditures. More information regarding the project and its expected capital expenditures can be found in the project Information Memorandum.

Our objective is to obtain an effectively priced credit facility which allows the flexibility for periodic draws during the construction period. The primary areas we will focus on during our evaluation process are pricing and terms (including flexibility allowed and lender/independent engineer involvement during the construction process). In order to more clearly convey the key terms we are seeking, we have also attached a Summary of Requested Terms & Conditions. We would like to request that all proposals conform as much as possible to these terms, and if not, to note the reason why.

As noted earlier, also included is a brief Information Memorandum outlining the financing and the project in greater detail.

Lone Star Transmission, LLC

700 Universe Blvd, Juno Beach, FL 33408

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Responses to this request for proposal should include:

- Basic structure with pricing, tenor, fees
- Draft term sheet(s)
- List of acceptable independent engineers & environmental consultants
- Other issues list
- Project team contact information

We request that your proposal be made available to us by no later than July 22nd. Short-listed banks will be notified shortly thereafter.

We continue to appreciate your interest in working with us and are looking forward in discussing this new opportunity. If you have any questions regarding the information provided feel free to contact Lucas Hand at (561) 691-7076 or myself at (561) 691-7168.

Sincerely,

Aldo Portales Assistant Treasurer

Attached documents:

- Summary of Requested Terms & Conditions
- Lone Star Transmission Information Memorandum



Information Memorandum Lone Star Transmission, LLC

INTRODUCTION

Lone Star T ransmission, LLC ("Lone Star"), an indirect wholly-owned subsidiary of NextEra Energy, Inc, is requesting proposals from financial institutions to act as Lead Arran gers for a senior s ecured construction/term credit f acility. Lone Star is a Delaware limited liability company whose sole purpose is to register, build, own and operate an approximately 321 mile high voltage, alternating current, open access transmission line in Texas (a chart showing Lone Star's current ownership struct ure is included as Attachment A). Draws on the construction facility would be funded on a pro-rata basis alongside equity funding from NextEra Energy Capital Holdings, Inc. (Lone Star's indirect parent, "Capital Holdings") in a manner that approximates Lone Star's capital structure, which is currently funded at a 50/50 ratio. Lone Star's capital structure may change from time to time. The facility would provide Lone Star the ability to draw funds for construction on a regular basis, generally monthly, to fund a portion of Lone Star's actual capital expenditures.

The maximum size of the line of credit facility is expected to be approximately \$400 m illion based on the estimated project costs. After the PUCT concludes Lone Star's transmission rate case(s), and after the project enters service, Lone Star may access the capital markets (to the extent necessary and/or attractive) to obtain debt financing based on its standalone credit. Any such financing will be used to refinance funding acquired during the construction phase.

BACKGROUND

Texas has extensive wind and other renewable resources that are not located near population and other load centers. The Competitive Renewable Energy Zone ("CREZ") concept was developed by the Texas Legislature, which instructed the Public Utility Commission of Texas ("PUCT"), ERCOT, and interested stakeholders to deliver more renewable energy to custom ers in Texas. Both Lone Star and NextEra Energy Res ources, LLC (form erly FPL Energy, LLC) were involved in the PUCT CREZ proceedings that began in D ecember 2006. In the initial CREZ case, the PUCT and ERCOT analyzed the best wind resources and wind generators' expression s of development interest, and developed a plan to relieve transm ission congestion and deliver renewable energy. On July 17, 2008, the PUCT approved the selection of a transm ission plan to accommodate up to 18.5 GWs of wind power generation. The plan contains an estimate of 2,334 miles of new 345-kV transm ission line and 42 m iles of new 138-kV right-of-way, with a cost that ERCOT estimated to be \$4.93 billion.

Lone Star, in accordance with PUCT Rule 25.216, began the process of becom ing an eligible transmission service provider ("TSP") and submitted a CREZ transmission plan proposal to the PUCT requesting its selection to build CREZ -related transmission elements. The PUCT evaluated the proposals based on the TSP's current and expected capabilities to finance, license, construct, o perate and maintain the facilities; the management expertise; projected capital, operating and maintenance costs; proposed schedule for development and completion; financial resources; and expected use of historically underutilized businesses.

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07/12/2011

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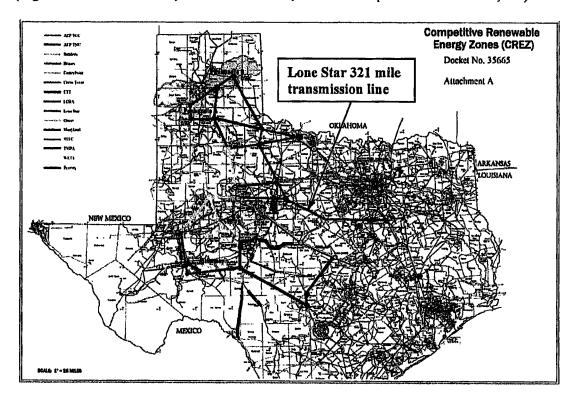
Information Memorandum Lone Star Transmission, LLC

The final order on CREZ TSP selection was issu ed by the PUCT on March 30, 2009. Based on findings of financial strength, construction, operation and maintenance expertise, and innovative spun concrete technology, Lone Star was found to be a qualified new entrant TSP and was awarded the following: (1) Centra 1 A to Central C double circuit 345-kV line; (2) Central C t o Navarro/Sam Switch double circuit 345-kV line (148/168 m iles); (3) 50% com pensation on Central C to Navarro/S am Switch; (4) 150 M VAR Reactive Compensation on Central C; (5) Navarro 345-kV station; and (6) Sam Switch 345-kV station. The PUCT subsequently awarded Lone Star a Certificate of Convenience and Nece ssity ("CCN") to construct the awarded project facilities along the PUCT-appr oved route in Docket Nos. 38230 and 38642. All regulatory approvals needed to commence project construction were completed upon the issuance of the CCN. W hile an appeal of the PUCT decision in Docket No. 38230 i s currently pending in District Court, Lone Star has begun undertaking the necessary construction and land acquisition activities required to facilitate completion of the transmission line no later than December 2013. Currently, the expected in-service date for the entire transmission line project is March 2013. .



PROJECT DESCRIPTION

The route ordered by the PUCT is a pproximately 321 miles. The final transm ission line length could vary due to post-O rder landowner modifications over the next several m onths. The latest total project cost estim ate is \$794.1M. This estim ate could change due to a variety of factors (negotiated vendor contracts, condemnation rates, landowner-requested modifications, etc.).





Information Memorandum Lone Star Transmission, LLC

Below is a summary of the current estimated mileage and cost as well as location of each portion of the Lone Star transmission line as approved by the PUCT:

Description	Miles	Cost (\$M)	Location
Central A to Central C double circuit 345-kV line	102	203.5	Beginning at Central A in the vicinity of southeast Scurry County, passing through Scurry, Fisher, Jones, and Shackelford Counties, terminating at Central C in the vicinity of southern Shackelford County
Central C to Sam Switch double circuit 345-kV line	183	376.9	Beginning at Central C in the vicinity of southern Shackelford County, passing through Shackelford, Callahan, Eastland, Comanche, Erath, Bosque, and Hill Counties, terminating at Sam Switch station in Hill County
50% compensation on Central C to Navarro/Sam Switch		62.85	Two stations (Koperl, Romney) equally spaced between Central C and Sam Switch. Each station consists of two series capacitor banks at 650-700 MVAR per bank, with associated switches and line terminals. Final sizing and location of series capacitors are contingent upon the ERCOT study.
200 MVAR Reactive Compensation on Central C		1.71	In vicinity of southern Shackelford County
Navarro 345-kV station		34.48	In vicinity of southern Navarro County
Sam Switch 345-kV station		21.59	In vicinity of Hill County
Sam Switch to Navarro single circuit 345 kV line	36	58.7	Beginning at Sam Switch station in Hill County, passing through Hill and Navarro Counties, terminating at Navarro station in vicinity of southern Navarro County
West Shackelford substation		34.37	In vicinity of southern Shackelford County
Additional Reactive equipment per ERCOT study		0	Assumes additional 50 MVAR of reactor equipment and two 100 MVAR shunt capacitor banks at Central C and associated components. This project has been combined with the Reactive Compensation on Central C
Lone Star Total	321	\$794.1	

Docket No. 40020 Workpapers of Aldo E. Portales Page 13 of 15



Information Memorandum Lone Star Transmission, LLC

The CREZ construction will be appropriately sequenced so there will be no delay in placing a project in service resulting from an incomplete interdependent or mutually supporting project. All CREZ projects should be completed prior to year-end 2013. Major activities now underway include land acquisition, surveying, design and engineering for both the line and the substations. Construction has also commenced for the two easternmost substations (Sam Switch and Navarro), which are sited along existing Oncor 345-kV lines. Based upon current estimates, completion of the two substations referenced above should occur in early-2012, with the remainder of the line being placed into service in early-2013.

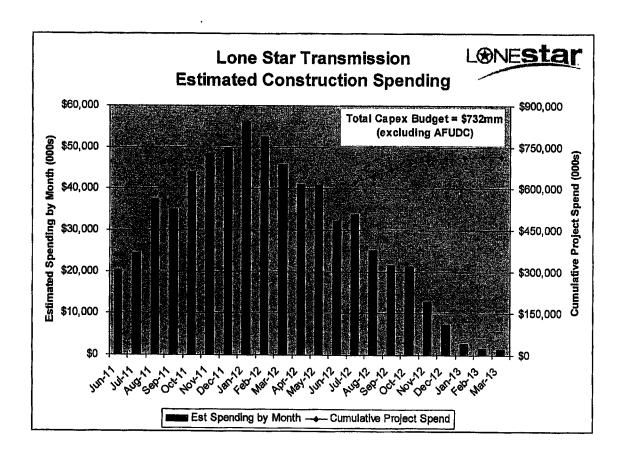
Lone Star is a rate-regulated utility company operating in the State of Texas and will comply with all standards and requirements of the PUCT, ERCOT, Texas Reliability Entity, and NERC. Revenue recovery will be determined by the PUCT. By Texas statute, rate recovery proceedings should be completed within 185 days, however, it may take longer to issue the final order. Current cost estimates include AFUDC, land acquisition costs, capitalized property taxes and other costs necessarily incurred to facilitate project construction and prepare for system operations. The rates established by the PUCT for Lone Star's transmission service will be paid monthly by transmission service customers and should provide for the recovery of fixed and variable costs and a reasonable return on the transmission project investment.



Information Memorandum Lone Star Transmission, LLC

PROJECTED PROJECT COSTS

As previously noted, the total project cost may vary based upon a variety of factors, but currently the total estimate as outlined above (inclusive of AFUDC) is around \$794 million. Actual remaining construction costs are currently estimated at approximately \$683 million. That figure is not inclusive of AFUDC and capitalized interest costs, but is inclusive of property taxes. Approximately \$49 million in construction costs related to development, land acquisition and construction, among other items, have already been incurred. The initial draw on any line of credit facility would be in an amount sufficient to return Lone Star's capital structure to a level reflective of its long-term capital structure, which is currently funded at a 50/50 ratio. A graph of the currently projected monthly construction outlays as well as total estimated project cash cost is included below.





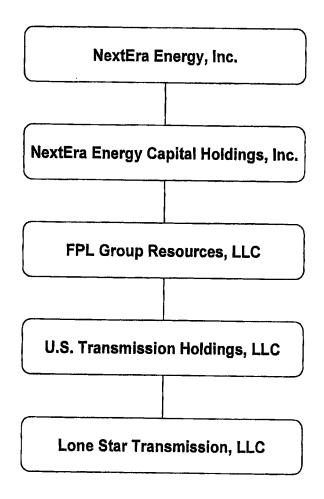
Information Memorandum Lone Star Transmission, LLC

Attachment A

Current Ownership Structure*

Lone Star Transmission Financing

All ownership is 100% unless otherwise indicated.



^{*} On June 30, 2011, Lone Star filed a Notice of Corporate Reorganization in PUC Docket 39545, notifying the commission of its intention to insert two newly formed holding companies between Lone Star and US Transmission Holdings, LLC in the corporate structure.

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07/12/2011

TO

DIRECT TESTIMONY

OF

WILLIAM E. AVERA

Workpapers to the Direct Testimony of William E. Avera are voluminous and are being provided in electronic format.

TO

DIRECT TESTIMONY

OF

H. MICHAEL WARREN

Workpapers to the Direct Testimony of H. Michael Warren are voluminous and are being provided in electronic format.

Confidential Workpapers to the Direct Testimony of H. Michael Warren will be provided pursuant to the terms of the Protective Order.

Schedule Workpaper Index

Schedule	Cross Reference	Bates Number
WP/II-B-1		1683
WP/II-B-1.1		1748
WP/II-B-1.2		1749
WP/II-B-1.3		1750
WP/II-B-1.4		1752
WP/II-B-1.5		1754
WP/II-B-1.6		1756
WP/II-B-1.7		1770
WP/II-B-1.8		1771
WP/II-B-1/1		1772
WP/II-B-1/1.1		1822
WP/II-B-1/2		1830
WP/II-B-1/2.1		1944
WP/II-B-1/2.2		1956
WP/II-B-1/2.3		1959
WP/II-B-1/2.4		1960
WP/II-B-1/2.5		1972
WP/II-B-1/3		1982
WP/II-B-1/3a		1994
WP/II-B-1/3.1		1995
WP/II-B-1/3.2		2000
WP/II-B-1/3.3		2005
WP/II-B-1/3.4		2008
WP/II-B-1/3.5		CONFIDENTIAL
WP/II-B-1/3.6		2009
WP/II-B-1/3.7		2011
WP/II-B-1/3.8		2013
WP/II-B-1/3.9		2015
WP/II-B-1/3.10		2025
WP/II-B-1/3.11		2026
WP/II-B-1/3.12		2027
WP/II-B-1/3.13		2028
WP/II-B-1/3.14		2029
WP/II-B-1/3.15		2030
WP/II-B-1/3.16		2038
WP/II-B-1/3.17		2041
WP/II-B-1/3.18		2055
WP/II-B-1/3.19		2056
WP/II-B-1/3.20		2057
WP/II-B-1/4		2068
WP/II-B-1/4.1		2070
WP/II-B-1/4.1a		2073

Schedule	Cross Reference	Bates Number
WP/II-B-1/4.2		2074
WP/II-B-1/4.2a		2084
WP/II-B-1/4.3		2085
WP/II-B-1/4.3a		2087
WP/II-B-1/4.4		2089
WP/II-B-1/4.4a		2090
WP/II-B-1/4.5		2092
WP/II-B-1/4.5a		2093
WP/II-B-1/4.6		2095
WP/II-B-1/4.7		2097
WP/II-B-1/4.8		2109
WP/II-B-1/4.9		2121
WP/II-B-1/4.10		2124
WP/II-B-1/5		2125
WP/II-B-1/5.1		2132
WP/II-B-1/5.1a		CONFIDENTIAL
WP/II-B-1/5.2		Voluminous; provided on CD
WP/II-B-1/5.2a		CONFIDENTIAL
WP/II-B-1/5.3		2168
WP/II-B-1/5.3a		CONFIDENTIAL
WP/II-B-1/5.4		2169
WP/II-B-1/5.4a		CONFIDENTIAL
WP/II-B-1/5.5		2170
WP/II-B-1/5.6		2175
WP/II-B-1/5.7		2178
WP/II-B-1/6		CONFIDENTIAL
WP/II-B-1/6.1		2184
WP/II-B-1/6.2		CONFIDENTIAL
WP/II-B-1/6.3		CONFIDENTIAL
WP/II-B-1/6.4		2185
WP/II-B-1/6.5		CONFIDENTIAL
WP/II-B-1/6.6		CONFIDENTIAL
WP/II-B-1/6.7		CONFIDENTIAL
VP/II-B-1/6.8		2194
VP/II-B-1/6.9		2195
VP/II-B-1/7		Voluminous; provided on CD
VP/II-B-1/7.1		2197
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VP/II-B-2.2	WP/II-B-1.2	1749
VP/II-B-2.3	WP/II-B-1.3	1750
VP/II-B-2.4	WP/II-B-1.4	1752
/P/II-B-2.5	WP/II-B-1.5	1754
/P/II-B-2.6	WP/II-B-1.6	1756

Schedule	Cross Reference	Bates Number
WP/II-B-2.7	WP/II-B-1.7	1770
WP/II-B-2.8	WP/II-B-1.8	1771
WP/II-B-2/1	WP/II-B-1/1	1772
WP/II-B-2/1.1	WP/II-B-1/1.1	1822
WP/II-B-2/2	WP/II-B-1/2	1830
WP/II-B-2/2.1	WP/II-B-1/2.1	1944
WP/II-B-2/2.2	WP/II-B-1/2.2	1956
WP/II-B-2/2.3	WP/II-B-1/2.4	1960
WP/II-B-2/2.4	WP/II-B-1/2.5	1972
WP/II-B-2/3	WP/II-B-1/3	1982
WP/II-B-2/3a	WP/II-B-1/3a	1994
WP/II-B-2/3.1	WP/II-B-1/3.1	1995
WP/II-B-2/3.2	WP/II-B-1/3.2	2000
WP/II-B-2/3.3	WP/II-B-1/3.3	2005
WP/II-B-2/3.4	WP/II-B-1/3.4	2008
WP/II-B-2/3.5	WP/II-B-1/3.5	CONFIDENTIAL
WP/II-B-2/3.6	WP/II-B-1/3.6	2009
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VP/II-B-2/3.10	WP/II-B-1/3.10	2025
VP/II-B-2/3.11	WP/II-B-1/3.11	2026
VP/II-B-2/3.12	WP/II-B-1/3.12	2027
VP/II-B-2/3.13	WP/II-B-1/3.13	2028
VP/II-B-2/3.14	WP/II-B-1/3.14	2029
VP/II-B-2/3.15	WP/II-B-1/3.15	2030
VP/II-B-2/3.16	WP/II-B-1/3.16	2038
VP/II-B-2/3.17	WP/II-B-1/3.17	2041
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/P/II-B-2/4.3a	WP/II-B-1/4.5a	2093
/P/II-B-2/4.4	WP/II-B-1/4.4	2089
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P/II-B-2/5	WP/II-B-1/5	2125
P/II-B-2/5.1	WP/II-B-1/5.1	2132
P/II-B-2/5.1a	WP/II-B-1/5.5	2170
P/II-B-2/5.2	WP/II-B-1/5.2	Voluminous; provided on CD

Schedule	Cross Reference	Bates Number
WP/II-B-2/5.3	WP/II-B-1/5.3	2168
WP/II-B-2/5.4	WP/II-B-1/5.4	2169
WP/II-B-2/6	WP/II-B-1/7	Voluminous; provided on CD
WP/II-B-2/6.1	WP/II-B-1/6.8	2194
WP/II-B-2/6.2	WP/II-B-1/6.9	2195
WP/II-B-3	WP/II-B-1	1683
WP/II-B-3.1	WP/II-B-1.1	1748
WP/II-B-3.2	WP/II-B-1.2	1749
WP/II-B-3.3	WP/II-B-1.3	1750
WP/II-B-3.4	WP/II-B-1.4	1752
WP/II-B-3.5	WP/II-B-1.5	1754
WP/II-B-3.6	WP/II-B-1.6	1756
WP/II-B-3.7	WP/II-B-1.7	1770
WP/II-B-3.8	WP/II-B-1.8	1771
WP/II-B-3/1	WP/II-B-1/1	1772
WP/II-B-3/1.1	WP/II-B-1/1.1	1822
WP/II-B-3/2	WP/II-B-1/2	
WP/II-B-3/2.1	WP/II-B-1/2.1	1830
WP/II-B-3/2.2	WP/II-B-1/2.2	1944
WP/II-B-3/2.3	WP/II-B-1/2.4	1956
WP/II-B-3/2.4	WP/II-B-1/2.5	1960
WP/II-B-3/3	WP/II-B-1/3	1982
WP/II-B-3/3a	WP/II-B-1/3a	1994
WP/II-B-3/3.1	WP/II-B-1/3.1	1995
WP/II-B-3/3.2	WP/II-B-1/3.2	2000
WP/II-B-3/3.3	WP/II-B-1/3.3	2005
WP/II-B-3/3.4	WP/II-B-1/3.4	2008
WP/II-B-3/3.5	WP/II-B-1/3.5	CONFIDENTIAL
WP/II-B-3/3.6	WP/II-B-1/3.6	2009
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WP/II-B-3/3.14	WP/II-B-1/3.14	2029
WP/II-B-3/3.15	WP/II-B-1/3.15	2030
WP/II-B-3/3.16	WP/II-B-1/3.16	2038
WP/II-B-3/3.17	WP/II-B-1/3.17	2041
WP/II-B-3/3.18	WP/II-B-1/3.18	2055
WP/II-B-3/3.19	WP/II-B-1/3.19	2056
WP/II-B-3/3.20	WP/II-B-1/3.20	2057
WP/II-B-3/4	WP/II-B-1/4	2068

Schedule	Cross Reference	Bates Number
WP/II-B-3/4.1	WP/II-B-1/4.1	2070
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WP/II-B-3/4.3a	WP/II-B-1/4.3a	2087
WP/II-B-3/4.4	WP/II-B-1/4.4	2089
WP/II-B-3/4.4a	WP/II-B-1/4.4a	2090
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WP/II-B-3/4.5a	WP/II-B-1/4.5a	2093
WP/II-B-3/5	WP/II-B-1/5	2125
WP/II-B-3/5.1	WP/II-B-1/5.1	2132
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WP/II-B-3/5.2	WP/II-B-1/5.2	
WP/II-B-3/5.2a	WP/II-B-1/5.2a	Voluminous; provided on CD CONFIDENTIAL
WP/II-B-3/5.3	WP/II-B-1/5.3	2168
WP/II-B-3/5.3a	WP/II-B-1/5.3a	CONFIDENTIAL
WP/II-B-3/5.4	WP/II-B-1/5.4	2169
WP/II-B-3/5.4a	WP/II-B-1/5.4a	CONFIDENTIAL
WP/II-B-3/5.5	WP/II-B-1/5.5	2170
WP/II-B-3/5.6	WP/II-B-1/5.6	2175
WP/II-B-3/5.7	WP/II-B-1/5.7	2178
WP/II-B-3/6	WP/II-B-1/6	CONFIDENTIAL
WP/II-B-3/6.1	WP/II-B-1/6.1	2184
VP/II-B-3/6.2	WP/II-B-1/6.2	CONFIDENTIAL
VP/II-B-3/6.3	WP/II-B-1/6.3	CONFIDENTIAL
VP/II-B-3/6.4		2185
VP/II-B-3/6.5	WP/II-B-1/6.5	CONFIDENTIAL
VP/II-B-3/6.6	WP/II-B-1/6.6	CONFIDENTIAL
VP/II-B-3/6.7		CONFIDENTIAL
VP/II-B-3/6.8		2194
/P/II-B-3/6.9		2195
⁷ P/II-B-3/7	WP/II-B-1/7	Voluminous; provided on CD
/P/II-B-3/7.1		2197
P/II-B-5		2211
P/II-B-5.1		2212
P/II-B-5/1		2212
P/II-B-5/1.1		2214
P/II-B-8		2215
P/II-B-8/1		2231
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P/II-B-9		2270
P/II-B-10		2294
P/II-B-12		2305

Schedule	Cross Reference	Bates Number
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VP/II-C-2.4.1		2302
VP/II-C-2.4/1		2303
/P/II-C-2.4/1.1		2304
VP/II-C-2.4.1/1.1		2308
VP/II-C-2.4.1/1.2		2335
/P/II-C-2.4.1/1.3		2351
/P/II-C-2.4.1/1.4		2353
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/P/II-D-1/1	WP/II-B-8/1	2231
P/II-D-1/1.1	WP/II-B-8/1.1	2267
P/II-D-1/2		
P/II-D-1/2.1	WP/II-B-1/2.1	CONFIDENTIAL 1994
P/II-D-1/2.1a		·
P/II-D-1/2.2	WP/II-B-1/2.2	CONFIDENTIAL
P/II-D-1/2.2a	77.11-D-1/2.2	1956
P/II-D-1/2.3	WP/II-B-1/2.4	CONFIDENTIAL
/II-D-1/2.3a	W1/II-D-1/2.4	1960
/II-D-1/2.4		CONFIDENTIAL
/II-D-1/2.5		CONFIDENTIAL
P/II-D-1/2.6		CONFIDENTIAL
/II-D-1/3		CONFIDENTIAL
//II-D-1/3.1	WP/II-B-1/3.16	CONFIDENTIAL
/II-D-1/3.1a	W F/II-D-1/3.16	2038
/II-D-1/3.2a	WP/II-B-1/3.17	CONFIDENTIAL
/II-D-1/3.2a	W F/II-B-1/3.1/	2041
/II-D-2	WD/II D o	CONFIDENTIAL
/II-D-2.1	WP/II-B-8	2215
/II-D-2.1	WP/II-B-1/2.1	1944
II-D-2.3	WP/II-B-1/2.2	1956
II-D-2.4	WP/II-B-1/2.4	1960
II-D-2.4 II-D-2/1	WP/II-B-1/3.9	2015
II-D-2/1.1	WP/II-B-8	2231
/II-D-2/2	WP/II-B-8/1.1	2267
II-D-2/2.1	WP/II-D-1/2.1a	CONFIDENTIAL
/II-D-2/2.1 /II-D-2/2.2	WP/II-B-1/2.1	1944
I-D-2/2.2 I-D-2/2.3	WP/II-B-1/2.2	1956
II-D-2/2.3 II-D-2/3	WP/II-B-1/2.4	1960
II-D-2/3 II-D-2/3.1	WP/II-B-1/3a	1994
/II-D-2/3.1 /II-D-2/3.2	WP/II-B-1/3.1	1995
	WP/II-B-1/3.5	2005
/II-D-2/3.3	WP/II-B-1/3.5	CONFIDENTIAL
/II-D-2/3.4	WP/II-B-1/3.4	2008
II-D-2/3.5	WP/II-B-1/3.7	2011

Schedule	Cross Reference	Bates Number
WP/II-D-2/3.6	WP/II-B-1/3.9	2015
WP/II-D-2/3.7	WP/II-B-1/3.10	2025
WP/II-D-2/3.8	WP/II-B-1/3.11	2026
WP/II-D-2/3.9	WP/II-B-1/3.12	2027
WP/II-D-2/3.10	WP/II-B-1/3.13	2028
WP/II-D-2/3.11	WP/II-B-1/3.14	2029
WP/II-D-2/3.12	WP/II-B-1/3.15	2030
WP/II-D-2/3.13	WP/II-B-1/3.16	2038
WP/II-D-2/3.14	WP/II-B-1/3.17	2041
WP/II-D-2/3.15	WP/II-B-1/3.18	2055
WP/II-D-2/3.16	WP/II-B-1/5.2	
WP/II-D-2.5/2.1	WP/II-B-1/2.2	Voluminous; provided on CD
WP/II-D-2.5/2.2	WP/II-B-1/2.4	1960
WP/II-D-2.5/2.3	WP/II-B-1/3.9	2015
WP/II-D-2.5/2.4	WP/II-B-1/3.10	2025
WP/II-D-2.5/2.5	WP/II-B-1/5.2	
WP/II-D-2.6	WP/II-B-8	Voluminous; provided on CD 2215
WP/II-D-2.6/1	WP/II-B-8/1	2231
WP/II-D-2.6/1.1	WP/II-B-8/1.1	2267
WP/II-D-2.6/2	WP/II-B-1/2.1	
WP/II-D-2.6/2.1	WP/II-B-1/2.2	1944
WP/II-D-2.6/2.2	WP/II-B-1/2.4	1956 1960
WP/II-D-2.6/2.3	WP/II-B-1/3.9	
VP/II-D-2.6/2.4	WP/II-B-1/3.10	2015
VP/II-D-2.6/2.5	WP/II-B-1/5.2	2025
VP/II-D-2.6a	WP/II-B-8	Voluminous; provided on CD 2215
VP/II-D-2.6a/1	WP/II-B-8/1	2231
VP/II-D-2.6a/1.1	WP/II-B-8/1.1	
VP/II-D-2.6a/2	WP/II-B-1/2.1	2267
VP/II-D-2.6a/2.1	WP/II-B-1/2.2	1944
/P/II-D-2.6a/2.2	WP/II-B-1/2.4	1956
/P/II-D-2.6a/2.3	WP/II-B-1/3.9	1960
/P/II-D-2.6a/2.4	WP/II-B-1/3.10	2015
P/II-D-2.6a/2.5	WP/II-B-1/5.10 WP/II-B-1/5.2	2025
/P/II-D-2.6c	WP/II-B-1/3.2	Voluminous; provided on CD
/P/II-D-2.6c/1	WP/II-B-8/1	2215
P/II-D-2.6c/1.1	WP/II-B-8/1.1	2231
P/II-D-2.6c/2	WP/II-B-1/2.1	2267
P/II-D-2.6c/2.1	WP/II-B-1/2.1 WP/II-B-1/2.2	1944
P/II-D-2.6c/2.2	WP/II-B-1/2.2 WP/II-B-1/2.4	1956
P/II-D-2.6c/2.3	WP/II-B-1/2.4 WP/II-B-1/3.9	1960
P/II-D-2.6c/2.4		2015
P/II-D-2.7	WP/II-B-1/5.2	Voluminous; provided on CD
P/II-D-2.7/1	WP/II-B-8	2215
2.111	WP/II-B-8/1	2231

Schedule	Cross Reference	Bates Number
WP/II-D-2.7/1.1	WP/II-B-8/1.1	2267
WP/II-D-2.7/2	WP/II-D-1/2	CONFIDENTIAL
WP/II-D-2.7/2.1	WP/II-D-1/2.1a	CONFIDENTIAL
WP/II-D-2.7/2.2	WP/II-D-1/2.2a	CONFIDENTIAL
WP/II-D-2.7/2.3	WP/II-D-1/2.3a	CONFIDENTIAL
WP/II-D-2.7/2.4	WP/II-D-1/2.4	CONFIDENTIAL
WP/II-D-2.7/2.5	WP/II-D-1/2.5	CONFIDENTIAL
WP/II-D-2.7/2.6	WP/II-B-1/2.1	1944
WP/II-D-2.7/2.6a	WP/II-D-1/2.6a	CONFIDENTIAL
WP/II-D-2.7/2.7	WP/II-B-1/2.2	1956
WP/II-D-2.7/2.8	WP/II-B-1/2.4	1960
WP/II-D-2.7/2.9	WP/II-B-1/3a	1994
WP/II-D-2.7/3	WP/II-D-1/3	CONFIDENTIAL
WP/II-D-2.7/3.1	WP/II-B-1/3.2	2000
WP/II-D-2.7/3.1a	WP/II-B-1/3.2	CONFIDENTIAL
WP/II-D-2.7/3.2	WP/II-B-1/3.3	2005
WP/II-D-2.7/3.2a	WP/II-D-1/3.2a	CONFIDENTIAL
WP/II-D-2.7/3.3	WP/II-B-1/3.7	2011
WP/II-D-2.7/3.4	WP/II-B-1/3.9	2015
WP/II-D-2.7/3.5	WP/II-B-1/5.2	Voluminous; provided on CD
WP/II-D-2.9	WP/II-B-8	2215
WP/II-D-2.9/1	WP/II-B-8/1	2231
WP/II-D-2.9/1.1	WP/II-B-8/1.1	2267
WP/II-D-2.9/2	WP/II-D-1/2.1a	CONFIDENTIAL
WP/II-D-2.9/2.1	WP/II-B-1/2.2	1956
WP/II-D-2.9/2.2	WP/II-B-1/2.4	1960
WP/II-D-2.9/3	WP/II-B-1/3.9	2015
WP/II-D-2.9/4	WP/II-B-1/5.2	Voluminous; provided on CD
VP/II-D-3	WP/II-B-8	2215
VP/II-D-3/1	WP/II-B-8/1	2231
VP/II-D-3/1.1	WP/II-B-8/1.1	2267
VP/II-D-3/2	WP/II-B-1/2.1	1944
VP/II-D-3/2.1	WP/II-B-1/2.2	1956
VP/II-D-3/2.2	WP/II-B-1/2.4	1960
VP/II-D-3/3	WP/II-B-1/3.5	CONFIDENTIAL
VP/II-D-3/4	WP/II-B-1/3.12	2027
VP/II-D-3/5	WP/II-B-1/3.13	2028
VP/II-D-3/6	WP/II-B-1/3.14	2029
/P/II-D-3/7	WP/II-B-1/3.15	2030
/P/II-D-3/8	WP/II-B-1/3.16	2038
/P/II-D-3/9	WP/II-B-1/3.17	2041
/P/II-D-3/10	WP/II-B-1/5.2	Voluminous; provided on CD
/P/II-D-3.2		HIGHLY SENSITIVE
/P/II-D-3.2.1		HIGHLY SENSITIVE

Schedule	Cross Reference	Bates Number
WP/II-D-3.3		HIGHLY SENSITIVE
WP/II-D-3.4		HIGHLY SENSITIVE
WP/II-D-3.5	WP/II-B-1/3.16	2038
WP/II-D-3.5a		HIGHLY SENSITIVE
WP/II-D-3.6		HIGHLY SENSITIVE
WP/II-D-3.6.1		HIGHLY SENSITIVE
WP/II-D-3.6.2		HIGHLY SENSITIVE
WP/II-D-3.7		HIGHLY SENSITIVE
WP/II-D-3.7/1		
WP/II-D-3.7/1.1		HIGHLY SENSITIVE
WP/II-D-3.7/1.2		HIGHLY SENSITIVE
WP/II-D-3.7/2		HIGHLY SENSITIVE
VP/II-D-3.7/4		HIGHLY SENSITIVE
VP/II-D-3.7/4.1		2354
VP/II-D-3.8	+	2355
VP/II-D-3.8/1		HIGHLY SENSITIVE
VP/II-D-3.8/1.1		HIGHLY SENSITIVE
VP/II-D-3.10		HIGHLY SENSITIVE
/P/II-D-3.10/1		HIGHLY SENSITIVE
/P/II-D-3.10/2		HIGHLY SENSITIVE
/P/II-D-3.10/2.1		HIGHLY SENSITIVE
/P/II-D-3.10/2.1		HIGHLY SENSITIVE
P/II-D-3.10/2.2		HIGHLY SENSITIVE
/P/II-E-1		HIGHLY SENSITIVE
P/II-E-1.1		2211
		2212
P/II-E-1/1		2213
P/II-E-1/1.1		2214
P/II-E-2		CONFIDENTIAL
P/II-E-2.1		CONFIDENTIAL
P/II-E-2.2		HIGHLY SENSITIVE
P/II-E-2/1		CONFIDENTIAL
P/II-E-2/1.1		CONFIDENTIAL
P/II-E-2/1.2		CONFIDENTIAL
P/II-E-2/1.3		CONFIDENTIAL
P/II-E-2/1.4		CONFIDENTIAL
P/II-E-2/1.5		CONFIDENTIAL
P/II-E-2/1.6		CONFIDENTIAL
P/II-E-2/1.7		CONFIDENTIAL
P/II-E-2/1.8		CONFIDENTIAL
P/II-E-2/1.9		
P/II-E-2/1.10		CONFIDENTIAL
P/II-E-3.3		CONFIDENTIAL
V/II-E-3.3.1		CONFIDENTIAL
/II-E-3.3/1	 	CONFIDENTIAL CONFIDENTIAL

Schedule	Cross Reference	Bates Number
WP/II-E-3.3/1.1		CONFIDENTIAL
WP/II-E-3.3/2		CONFIDENTIAL
WP/II-E-3.3/2.1		CONFIDENTIAL
WP/II-E-3.3/2.2		CONFIDENTIAL
WP/II-E-3.3/2.3		CONFIDENTIAL
WP/II-E-3.3/2.4		CONFIDENTIAL
WP/II-E-3.3/2.5		CONFIDENTIAL
WP/II-E-3.3/2.6		CONFIDENTIAL
WP/V-K-1		2356
WP/V-K-1.1		2358
WP/V-K-1.2		2361
WP/V-K-1.3		2364
WP/V-K-1/1		2365
WP/V-K-1/1.1		2374
WP/V-K-1/1.2		2375
VP/V-K-1/1.3		2376
VP/V-K-1/1.4		2382
VP/V-K-1/1.5		2383
VP/V-K-1/1.6		2385
VP/V-K-1/1.7		2386
VP/V-K-1/1.8		2395
VP/V-K-1/1.9		2396
VP/V-K-1/1.0		2397
VP/V-K-1/1.11		2398
/P/V-K-1/1.12		2401
/P/V-K-1/1.13		2402
/P/V-K-1/1.14		2403
/P/V-K-1/1.15		2405
P/V-K-1/1.16		2409
/P/V-K-1/1.17		2410
'P/V-K-1/1.18		2411
P/V-K-1/1.19		2412
P/V-K-1/1.20		2413
P/V-K-1/1.21		2414
P/V-K-1/1.22		2414
P/V-K-1/1.23		2416
P/V-K-1/1.24		2417
P/V-K-1/1.25		2417
P/V-K-1/1.26		2420
P/V-K-1/2		2420
P/V-K-1/2.1		
P/V-K-1/2.2		2422
P/V-K-1/2.3		2423
P/V-K-1/2.4		2424

Schedule	Cross Reference	Bates Number
WP/V-K-1/2.5		2426
WP/V-K-1/2.6		2427
WP/V-K-1/2.7		2428
WP/V-K-1/2.8		2429
WP/V-K-1/3		2430
WP/V-K-1/3.1		2445
WP/V-K-5		2460
WP/V-K-5.1		2461
WP/V-K-5/1		2462
WP/V-K-5/1.1		2466
WP/V-K-5/2		2467
WP/V-K-5/2.1		2468
WP/V-K-5/2.2		2469
WP/V-K-5/2.3		2470
VP/V-K-5/2.4		2471
VP/V-K-5/2.5		2472
VP/V-K-5/2.6		2473
VP/V-K-7		2474
VP/V-K-7.1		2475
VP/V-K-8		2476
VP/V-K-8/1		2481
/P/V-K-8/1.1		2482
/P/V-K-12	 	2483
/P/V-K-12.1		2484
/P/V-K-12.2		2484
/P/V-K-12.3	 	2486
P/V-K-12.4		2486
P/V-K-12.5		2488
TP/V-K-12.6		2488
P/V-K-12.7	 	
P/V-K-12.8		2490
P/V-K-12.9		2491
P/V-K-12/1		2492
P/V-K-12/1.1		2493
P/V-K-12/1.2		2494
P/V-K-12/1.3		2495
P/V-K-12/1.4		2496
P/V-K-12/1.5		2497
P/V-K-12/1.6		2498
P/V-K-12/1.7		2499
P/V-K-12/1.8		2500
P/V-K-12/1.9		2502
P/V-K-12/1.10		2503
P/V-K-12/1.11		2504
1.11		2505

Schedule	Cross Reference	Bates Number
WP/V-K-12/1.12		2506
WP/V-K-12/1.13		2507
WP/V-K-12/1.14		2508
WP/V-K-12/1.15		2509
WP/V-K-12/1.16		2510
WP/V-K-12/1.17		
WP/V-K-12/2	 	2511
WP/V-K-12/2.1		2512
WP/V-K-12/2.2	+	2513
WP/V-K-12/2.3		2515
WP/V-K-12/2.4		2517
WP/V-K-12/2.5		2522
WP/V-K-12/2.6		2524
WP/V-K-12/2.7	<u> </u>	2527
		2529
WP/V-K-12/2.8		2531
WP/V-K-12/2.9		2534
WP/V-K-12/2.10		2537
WP/V-K-12/2.11		2540
WP/V-K-12/2.12		2544
WP/V-K-12/2.13		2546
VP/V-K-12/2.14		2542
VP/V-K-12/3		2548
VP/V-K-12/3.1		2550
VP/V-K-12/3.2		2554
VP/V-K-12/3.3		2556

Lone Star Transmission, LLC

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

Alllocated AFUDC Included

		Locarion	
_	Interim	Primary Control Center	357
2	Interim	Primary Control Center	352
က	Interim	Primary Control Center	384
4	Interim	Primary Control Center	384
വ	Interim	Primary Control Center	384
(C)	Interim	Primary Control Center	384
2	Interim	Primary Control Center	397
ന	Interim	Primary Control Center	384
o	Interim	Primary Control Center	384
0	Interim	Primary Control Center	398
~	Interim	Primary Control Center	382
2	Interim	Primary Control Center	382
က	Interim	Back up Control Center	352
4	Interim	Back up Control Center	352
5	Interim	Back up Control Center	384
16	Interim	Back up Control Center	384
7	Interim	Back up Control Center	384
18	Interim	Back up Control Center	384
19	Interim	Back up Control Center	397
20	Interim	Back up Control Center	384
21	Interim	Back up Control Center	384
22	Interim	Back up Control Center	398
23	Interim	Back up Control Center	382
24	Interim	Back up Control Center	382
20	Interim	EMS-Primary	382
26	Interim	EMS-Primary	382

Lone Star Transmission, LLC

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

Alllocated AFUDC Included

Lone Star Transmission, LLC

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

Line No	Rate Period	Location	FERC Acct
53	Interim	Substation - Navarro	353
54	Interim	Substation - Navarro	353
55	Interim	Substation - Navarro	353
56	Interim	Substation - Navarro	353
22	Interim	Substation - Navarro	353
58	Interim	Substation - Navarro	353
59	Interim	Substation - Navarro	353
09	Interim	Substation - Navarro	353
61	Interim	Substation - Navarro	353
62	Interim	Substation - Navarro	353
63	Interim	Substation - Sam Switch	353
64	Interim	Substation - Sam Switch	353
65	Interim	Substation - Sam Switch	353
99	Interim	Substation - Sam Switch	353
29	Interim	Substation - Sam Switch	352
89	Interim	Substation - Sam Switch	353
69	Interim	Substation - Sam Switch	353
20	Interim	Substation - Sam Switch	353
71	Interim	Substation - Sam Switch	353
72	Interim	Substation - Sam Switch	353
73	Interim	Substation - Sam Switch	353
74	Interim	Substation - Sam Switch	353
75	Interim	Substation - Sam Switch	353
92	Interim	Substation - Sam Switch	353
77	Interim	Substation - Sam Switch	353
78	Interim	Substation - Sam Switch	353

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Capital Work Papers

Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment

For the Interim and Final Periods

FERC Acct	353	353	353	353	353	353	302	301	
Location	Substation - Sam Switch	Intangible	Intangible						
Rate Period	Interim	Interim	Interim	Interim	Interim	Interim	Interim	Interim	
Line No	79	80	81	82	83	84	82	86	87

Lone Star Transmission, LLC

Capital Work Papers
Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment
For the Interim and Final Periods

Line No	Rate Period	Location	FERC Acct
Line No	Rate Period	Location	FERC Acct
7-	Final	Capital Spares - Trans Line	355
2	Final	Capital Spares - Trans Line	356
က	Final	Capital Spares - Trans Line	356
4	Final	Capital Spares - Trans Line	356
22	Final	Capital Spares - Trans Line	356
9	Final	Capital Spares - Trans Line	356
7	Final	Tline - Central A to Central C	350.2
80	Final	Tline - Central C to Sam Switch	350.2
တ	Final	Tline - Sam Switch to Navarro	350.2
10	Final	Substation - W. Shackelford	350.1
1	Final	Capacitor Bank - Kopperl	350.1
12	Final	Capacitor Bank - Romney	350.1
13	Final	Tline - Central A to Central C	355
4	Final	Tline - Central A to Central C	355
15	Final	Tline - Central A to Central C	355
16	Final	Tline - Central A to Central C	356
17	Final	Tline - Central A to Central C	356
18	Final	Tline - Central A to Central C	356
19	Final	Tline - Central A to Central C	356
20	Final	Tline - Central A to Central C	356
21	Final	Tline - Central A to Central C	356
22	Final	Tline - Central A to Central C	356
23	Final	Tline - Central A to Central C	356
24	Final	Tline - Central A to Central C	352
25	Final	Tline - Central A to Central C	355
26	Final	Tline - Central A to Central C	352

Capital Work Papers
Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment
For the Interim and Final Periods

FERC Acct	352	352	355	355	355	355	356	356	356	356	356	356	356	356	356	356	356	356	352	352	352	352	355	355	355	355	355	356	356	356	356
Location	Tline - Central A to Central C	Tline - Central A to Central C	Tline - Central A to Central C	Tline - Central C to Sam Switc		Tline - Central C to Sam Switc	Tline - Sam Switch to Navarro																								
Rate Period	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final							
Line No	27	28	29	30	31	32	33	34	35	99	37	38	39	40	41	42	43	44	45	46	47	48	49	20	51	52	53	54	55	56	22

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

FERC Acct	356	356	356	356	356	356	356	356	352	352	352	352	355	355	353	353	353	353	352	353	353	353	353	353	353	353	353	353	353	353	353
Location	Tline - Sam Switch to Navarro	ı	Tline - Sam Switch to Navarro	Substation - W. Shackelford																											
Rate Period	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Line No	28	29	09	61	62	63	64	65	99	29	89	69	70	71	72	73	74	75	9/	7.1	78	79	80	81	82	83	84	82	98	87	88

Lone Star Transmission, LLC

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

FERC Acct	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	352	353	353	353	353	353	353	353	353	353
Location	Substation - W. Shackelford	Reactive Compensation at W. Shackelford	Capacitor Bank - Kopperl																												
Rate Period	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Line No	89	06	91	92	93	94	95	96	26	86	66	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119

Capital Work Papers

Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment

For the Interim and Final Periods

- 1	Rate Period	Location Capacitor Bank - Kopperl	FERC Acct
	Final	Capacitor Bank - Kopperl	353
	Final	Capacitor Bank - Kopperl	353
	Final	Capacitor Bank - Kopperl	353
	Final	Capacitor Bank - Kopperl	353
	Final	Capacitor Bank - Kopperl	353
	Final	Capacitor Bank - Kopperl	353
	Final	Capacitor Bank - Kopperl	353

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FERC Acct	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	352	353	353	353	353	353	353	353	353	353	353	353	353	353
Location	Capacitor Bank - Romney																														
Rate Period	Final																														
Line No	128	129	130	131	132	133	134	135	136	137	138	139	140	14	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

Lone Star Transmission, LLC

EEBC Acet	SES SES	000	555	353	353	353	353	353	353	353	394	350	00.2	39/	391	COR	302					391			
Location	Capacitor Bank - Romney	Canacitor Bank - Rompey	Canacitor Bank, Dominor	Capacitor Bank - Normey	Capacitor Bark - Romney	Capacitol Bally - Romney	Capital Spares	Capital Spares	Capital Spares	Capital Spares	Field Office Abilene	Field Office Abilene	Field Office Abilene		Field Office Abilene	Intangible					Com Office - Austin				
Rate Period	Final	Final	Final	Final	Final	Final	- E		Ē i	rınai	Final	Final	Final	Ei:		Final					Interim				
Line No	159	160	161	162	163	164	165	166	7 7	/01	168	169	170	171	- !	172	173	174	175	176	177	178	179	180	181

Capital Work Papers

Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

Lone Star Transmission, LLC

Alllocated AFUDC Included

Line No

Interim Interi			ı
	Interim		1 1
	Interim	301	
	terim	302	
	terim	350.1	
	terim	352	
	terim	353	
	terim	382	
	terim	383	
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ini Ini	terim	391	
<u>III</u>	terim	397	
	terim		
Interim - In	Interim - In-service 2011	391	
	Final		
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	Final	391	
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Capital Work Papers

Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment For the Interim and Final Periods

Capital Work Papers Original Cost of Utility Plant, General Plant Functionalization, Communication Equipment

For the Interim and Final Periods

Allocated AFUDC Included

FERC Acct Location Rate Period Line No

Lone Star Transmission, Capital Work Papers Original Cost of Utility Pl For the Interim and Final

Component	General Contractor	Furniture	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Owner Provided Equipment	Telecomm and IM	Miscellaneous	General Contractor	Furniture	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Telecomm and IM	Owner Provided Equipment	Telecomm and IM	Miscellaneous	Computer Hardware	Computer Hardware
FERC Account Detail	Structures and Improvements - TP	Structures and Improvements - TP	Communication Equipment - RTMOP	Communication Equipment - GP	Communication Equipment - RTMOP	Communication Equipment - RTMOP	Miscellaneous Equipment - GP	Computer Hardware - RTMOP	Computer Hardware - RTMOP	Structures and Improvements - TP	Structures and Improvements - TP	Communication Equipment - RTMOP	Communication Equipment - GP	Communication Equipment - RTMOP	Communication Equipment - RTMOP	Miscellaneous Equipment - GP	Computer Hardware - RTMOP									
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Lone Star Transmission, Capital Work Papers Original Cost of Utility Pl For the Interim and Final

Component	Computer Software	Computer Hardware	Communication Equipment - control and dispatch	Computer Hardware	Computer Hardware	Computer Software	Computer Hardware	Communication Equipment - control and dispatch	Station Equipment	Office furniture and equipment	Structures and improvements	Communication Equipment - field assets, telephone	Office furniture and equipment	Land	Land	Supply Breakers (HV & LV)	Supply Switches	Fencing	Supply Buss Work & Steel Struc	Supply Control House	RTU	Supply Insulators	Supply SSVT's	Protective Relay Panels	Wave Traps/Tuners	CCVTs
FERC Account Detail	Computer Software - RTMOP	Computer Hardware - RTMOP	Communication Equipment - RTMOP	Computer Hardware - RTMOP	Computer Hardware - RTMOP	Computer Software - RTMOP	Computer Hardware - RTMOP	Communication Equipment - RTMOP	Station Equipment - TP	Office Furniture and Equipment - GP	Structures and Improvements	Communication Equipment - GP	Office Furniture and Equipment - GP	Land - TP	Land - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Structures and Improvements - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP			
Line No	27	28	29	30	31	32	33	34	35	36	37	38	39	40	4	42	43	44	45	46	47	48	49	20	51	52

Lone Star Transmission,
Capital Work Papers
Original Cost of Utility Pl
For the Interim and Final

	Component	Surge Arrestors	Fiber Optics	Cable Trav	Side Contraction of the Contract		rower cable	Cable Irench	Yard Conduit	Anchor Bolts	Bare Conductor	Junction Boxes	Sunniv Breakers (HV & LV)	Supply Suitable	Supply Controlled	Supply relicing, Ligning	Supply buss Work & Steel Struc	Supply Control House	RTU	Supply Insulators	Supply SSVT's	Protective Relay Panels	Wave Traps/Tuners	CCVTs	Surge Arrestor			Cable Tray	Control Cable	Power Cable
FERC Account Detail			Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Faultament Th	Station Equipment Th	Station Equipment - 1P	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Structures and Improvements - TP	Station Fauinment - TP	Station Equipment: TD	Ctarion Equipment	Station Equipment - I P	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Equipment - TP	Station Familian Th	Station Fundament - 1P	oration Equipment - IP
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