GLENN HEGAR TEXAS COMPTROLLER OF PUBLIC ACCOUNTS

P.O. Box 13528 • Austin, TX 78711-3528

August 8, 2016

Gilbert Treviño
Superintendent
Floydada Independent School District
226 West California Street
Floydada, Texas 79235

Dear Superintendent Treviño:

On May 26, 2016, the Comptroller issued written notice that Pumpkin Farm Wind, LLC (the applicant) submitted a completed application (Application #1133) for a limitation on appraised value under the provisions of Tax Code Chapter 313[1]. This application was originally submitted on March 22, 2016, to the Floydada Independent School District (the school district) by the applicant.

This presents the results of the Comptroller's review of the application and determinations required:

1) under Section 313.025(h) to determine if the property meets the requirements of Section 313.024 for eligibility for a limitation on appraised value under Chapter 313, Subchapter C; and
2) under Section 313.025(d), to issue a certificate for a limitation on appraised value of the property and provide the certificate to the governing body of the school district or provide the governing body a written explanation of the comptroller's decision not to issue a certificate, using the criteria set out in Section 313.026.

Determination required by 313.025(h)

Sec. 313.024(a)	Applicant is subject to tax imposed by Chapter 171.
Sec. 313.024(b)	Applicant is proposing to use the property for an eligible project.
Sec. 313.024(d)	Applicant has requested a waiver to create the required number of new qualifying jobs and pay all jobs created that are not qualifying jobs a wage that exceeds the county average weekly wage for all jobs in the county where the jobs are located.
Sec. 313.024(d-2)	Not applicable to Application #1133.

Based on the information provided by the applicant, the Comptroller has determined that the property meets the requirements of Section 313.024 for eligibility for a limitation on appraised value under Chapter 313, Subchapter C.

[1] All statutory references are to the Texas Tax Code, unless otherwise noted.

Certificate decision required by 313.025(d)

Determination required by 313.026(c)(1)

The Comptroller has that the project proposed by the applicant is reasonably likely to generate tax revenue in an amount sufficient to offset the school district maintenance and operations ad valorem tax revenue lost as a result of the agreement before the 25th anniversary of the beginning of the limitation period. See Attachment B.

Determination required by 313.026(c)(2)

The Comptroller has that the limitation on appraised value is a determining factor in the applicant's decision to invest capital and construct the project in this state. See Attachment C.

Based on these determinations, the Comptroller issues a certificate for a limitation on appraised value. This certificate is contingent on the school district's receipt and acceptance of the Texas Education Agency's determination per 313.025(b-1).

The Comptroller's review of the application assumes the accuracy and completeness of the statements in the application. If the application is approved by the school district, the applicant shall perform according to the provisions of the Texas Economic Development Act Agreement (Form 50-826) executed with the school district. The school district shall comply with and enforce the stipulations, provisions, terms, and conditions of the agreement, applicable Texas Administrative Code and Chapter 313, per TAC 9.1054(i)(3).

This certificate is no longer valid if the application is modified, the information presented in the application changes, or the limitation agreement does not conform to the application. Additionally, this certificate is contingent on the school district approving and executing the agreement by December 31, 2016.

Note that any building or improvement existing as of the application review start date of May 26 2016, or any tangible personal property placed in service prior to that date may not become "Qualified Property" as defined by 313.021(2) and the Texas Administrative Code.

Should you have any questions, please contact Will Counihan, Director, Data Analysis & Transparency, by email at will.counihan@cpa.texas.gov or by phone at 1-800-53l-5441, ext. 6-0758, or direct in Austin at 512-936-0758.

Sincerely,

Mike Reissig
Deputy Comptroller

Enclosure
cc: Will Counihan

Attachment A – Economic Impact Analysis

The following tables summarize the Comptroller's economic impact analysis of Pumpkin Farm Wind, LLC (the project) applying to Floydada Independent School District (the district), as required by Tax Code, 313.026 and Texas Administrative Code 9.1055(d)(2).

Table 1 is a summary of investment, employment and tax impact of Pumpkin Farm Wind, LLC.

Applicant	Pumpkin Wind Farm, LLC
Tax Code, 313.024 Eligibility Category	Renewable Energy Electric Generation - Wind
School District	Floydada ISD
Estimated 2014-2015 Average Daily Attendance	695
County	Floyd
Proposed Total Investment in District	$270,000,000
Proposed Qualified Investment	$270,000,000
Limitation Amount	$20,000,000
Qualifying Time Period (Full Years)	2017-2018
Number of new qualifying jobs committed to by applicant*	7
Number of new non-qualifying jobs estimated by applicant	0
Average weekly wage of qualifying jobs committed to by applicant	$702
Minimum weekly wage required for each qualifying job by Tax Code, 313.021(5)	$702
Minimum annual wage committed to by applicant for qualified jobs	$36,480
Minimum weekly wage required for non-qualifying jobs	$628
Minimum annual wage required for non-qualifying jobs	$32,643
Investment per Qualifying Job	$38,571,429
Estimated M&O levy without any limit (15 years)	$28,904,850
Estimated M&O levy with Limitation (15 years)	$8,342,100
Estimated gross M&O tax benefit (15 years)	$20,562,750
* *Applicant is requesting district to waive requirement to create minimum number of qualifying jobs pursuant to Tax Code, 313.025 (f-1).*	

Table 2 is the estimated statewide economic impact of Pumpkin Farm Wind, LLC (modeled).

	Employment			Personal Income		
Year	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
2016	0	0	0	$0	$0	$0
2017	151	143	293.95	$7,480,860	$11,559,140	$19,040,000
2018	7	18	25	$269,360	$2,540,640	$2,810,000
2019	7	14	21	$269,360	$1,930,640	$2,200,000
2020	7	11	18	$269,360	$1,930,640	$2,200,000
2021	7	13	20	$269,360	$1,810,640	$2,080,000
2022	7	11	18	$269,360	$1,810,640	$2,080,000
2023	7	13	20	$269,360	$1,680,640	$1,950,000
2024	7	9	16	$269,360	$1,560,640	$1,830,000
2025	7	16	23	$269,360	$1,680,640	$1,950,000
2026	7	13	20	$269,360	$1,320,640	$1,590,000
2027	7	16	23	$269,360	$1,930,640	$2,200,000
2028	7	11	18	$269,360	$1,680,640	$1,950,000
2029	7	5	12	$269,360	$1,440,640	$1,710,000
2030	7	11	18	$269,360	$950,640	$1,220,000
2031	7	(1)	6	$269,360	$710,640	$980,000
2032	7	3	10	$269,360	$220,640	$490,000

Source: CPA, REMI, Pumpkin Farm Wind, LLC

Table 3 examines the estimated direct impact on ad valorem taxes to the region if all taxes are assessed.

Table 3 Estimated Direct Ad Valorem Taxes without property tax incentives										
Year	Estimated Taxable Value for I&S	Estimated Taxable Value for M&O		Floydada ISD I&S Tax Levy	Floydada ISD M&O Tax Levy	Floydada ISD M&O and I&S Tax Levies	Floyd County Tax Levy	Caprock Hospital Tax Levy	High Plains Underground Water Conservation District #1 Tax Levy	Estimated Total Property Taxes
			Tax Rate[1]	0.1367	1.1700		0.7175	0.1406	0.0081	
2018	$256,500,000	$256,500,000		$350,610	$3,001,050	$3,351,660	$1,840,388	$360,639	$20,777	$5,573,463
2019	$243,000,000	$243,000,000		$332,157	$2,843,100	$3,175,257	$1,743,525	$341,658	$19,683	$5,280,123
2020	$229,500,000	$229,500,000		$313,704	$2,685,150	$2,998,854	$1,646,663	$322,677	$18,590	$4,986,783
2021	$216,000,000	$216,000,000		$295,250	$2,527,200	$2,822,450	$1,549,800	$303,696	$17,496	$4,693,442
2022	$202,500,000	$202,500,000		$276,797	$2,369,250	$2,646,047	$1,452,938	$284,715	$16,403	$4,400,102
2023	$189,000,000	$189,000,000		$258,344	$2,211,300	$2,469,644	$1,356,075	$265,734	$15,309	$4,106,762
2024	$175,500,000	$175,500,000		$239,891	$2,053,350	$2,293,241	$1,259,213	$246,753	$14,216	$3,813,422
2025	$162,000,000	$162,000,000		$221,438	$1,895,400	$2,116,838	$1,162,350	$227,772	$13,122	$3,520,082
2026	$148,500,000	$148,500,000		$202,985	$1,737,450	$1,940,435	$1,065,488	$208,791	$12,029	$3,226,742
2027	$135,000,000	$135,000,000		$184,532	$1,579,500	$1,764,032	$968,625	$189,810	$10,935	$2,933,402
2028	$121,500,000	$121,500,000		$166,078	$1,421,550	$1,587,628	$871,763	$170,829	$9,842	$2,640,061
2029	$108,000,000	$108,000,000		$147,625	$1,263,600	$1,411,225	$774,900	$151,848	$8,748	$2,346,721
2030	$94,500,000	$94,500,000		$129,172	$1,105,650	$1,234,822	$678,038	$132,867	$7,655	$2,053,381
2031	$94,500,000	$94,500,000		$129,172	$1,105,650	$1,234,822	$678,038	$132,867	$7,655	$2,053,381
2032	$94,500,000	$94,500,000		$129,172	$1,105,650	$1,234,822	$678,038	$132,867	$7,655	$2,053,381
			Total	$3,376,926	$28,904,850	$32,281,776	$17,725,838	$3,473,523	$200,111	$53,681,247

Source: CPA, Pumpkin Farm Wind, LLC

[1]Tax Rate per $100 Valuation

Table 4 examines the estimated direct impact on ad valorem taxes to the school district and Floyd County, with all property tax incentives sought being granted using estimated market value from the application. The project has applied for a value limitation under Chapter 313, Tax Code and tax abatement with the county.

The difference noted in the last line is the difference between the totals in Table 3 and Table 4.

Table 4 Estimated Direct Ad Valorem Taxes with all property tax incentives sought										
Year	Estimated Taxable Value for I&S	Estimated Taxable Value for M&O		Floydada ISD I&S Tax Levy	Floydada ISD M&O Tax Levy	Floydada ISD M&O and I&S Tax Levies	Floyd County Tax Levy	Caprock Hospital Tax Levy	High Plains Underground Water Conservation District #1 Tax Levy	Estimated Total Property Taxes
			Tax Rate[1]	0.1367	1.1700		0.7175	0.1406	0.0081	
2018	$256,500,000	$20,000,000		$350,610	$234,000	$584,610	$554,476	$360,639	$20,777	$1,520,501
2019	$243,000,000	$20,000,000		$332,157	$234,000	$566,157	$554,476	$341,658	$19,683	$1,481,974
2020	$229,500,000	$20,000,000		$313,704	$234,000	$547,704	$554,476	$322,677	$18,590	$1,443,446
2021	$216,000,000	$20,000,000		$295,250	$234,000	$529,250	$554,476	$303,696	$17,496	$1,404,918
2022	$202,500,000	$20,000,000		$276,797	$234,000	$510,797	$554,476	$284,715	$16,403	$1,366,391
2023	$189,000,000	$20,000,000		$258,344	$234,000	$492,344	$554,476	$265,734	$15,309	$1,327,863
2024	$175,500,000	$20,000,000		$239,891	$234,000	$473,891	$554,476	$246,753	$14,216	$1,289,335
2025	$162,000,000	$20,000,000		$221,438	$234,000	$455,438	$554,476	$227,772	$13,122	$1,250,808
2026	$148,500,000	$20,000,000		$202,985	$234,000	$436,985	$554,476	$208,791	$12,029	$1,212,280
2027	$135,000,000	$20,000,000		$184,532	$234,000	$418,532	$554,476	$189,810	$10,935	$1,173,753
2028	$121,500,000	$121,500,000		$166,078	$1,421,550	$1,587,628	$871,763	$170,829	$9,842	$2,640,061
2029	$108,000,000	$108,000,000		$147,625	$1,263,600	$1,411,225	$774,900	$151,848	$8,748	$2,346,721
2030	$94,500,000	$94,500,000		$129,172	$1,105,650	$1,234,822	$678,038	$132,867	$7,655	$2,053,381
2031	$94,500,000	$94,500,000		$129,172	$1,105,650	$1,234,822	$678,038	$132,867	$7,655	$2,053,381
2032	$94,500,000	$94,500,000		$129,172	$1,105,650	$1,234,822	$678,038	$132,867	$7,655	$2,053,381
			Total	$3,376,926	$8,342,100	$11,719,026	$9,225,535	$3,473,523	$200,111	$24,618,195
			Diff	$0	$20,562,750	$20,562,750	$8,500,303	$0	$0	$29,063,053
Assumes School Value Limitation and Tax Abatement with the County.										

Source: CPA, Pumpkin Farm Wind, LLC

[1]Tax Rate per $100 Valuation

Disclaimer: This examination is based on information from the application submitted to the school district and forwarded to the comptroller. It is intended to meet the statutory requirement of Chapter 313 of the Tax Code and is not intended for any other purpose.

Attachment B – Tax Revenue before 25th Anniversary of Limitation Start

This represents the Comptroller's determination that Pumpkin Farm Wind, LLC (project) is reasonably likely to generate, before the 25th anniversary of the beginning of the limitation period, tax revenue in an amount sufficient to offset the school district maintenance and operations ad valorem tax revenue lost as a result of the agreement. This evaluation is based on an analysis of the estimated M&O portion of the school district property tax levy and direct, indirect and induced tax effects from project employment directly related to this project, using estimated taxable values provided in the application.

	Tax Year	Estimated ISD M&O Tax Levy Generated (Annual)	Estimated ISD M&O Tax Levy Generated (Cumulative)	Estimated ISD M&O Tax Levy Loss as Result of Agreement (Annual)	Estimated ISD M&O Tax Levy Loss as Result of Agreement (Cumulative)
Limitation Pre-Years	2015	$0	$0	$0	$0
	2016	$0	$0	$0	$0
	2017	$0	$0	$0	$0
Limitation Period (10 Years)	2018	$234,000	$234,000	$2,767,050	$2,767,050
	2019	$234,000	$468,000	$2,609,100	$5,376,150
	2020	$234,000	$702,000	$2,451,150	$7,827,300
	2021	$234,000	$936,000	$2,293,200	$10,120,500
	2022	$234,000	$1,170,000	$2,135,250	$12,255,750
	2023	$234,000	$1,404,000	$1,977,300	$14,233,050
	2024	$234,000	$1,638,000	$1,819,350	$16,052,400
	2025	$234,000	$1,872,000	$1,661,400	$17,713,800
	2026	$234,000	$2,106,000	$1,503,450	$19,217,250
	2027	$234,000	$2,340,000	$1,345,500	$20,562,750
Maintain Viable Presence (5 Years)	2028	$1,421,550	$3,761,550	$0	$20,562,750
	2029	$1,263,600	$5,025,150	$0	$20,562,750
	2030	$1,105,650	$6,130,800	$0	$20,562,750
	2031	$1,105,650	$7,236,450	$0	$20,562,750
	2032	$1,105,650	$8,342,100	$0	$20,562,750
Additional Years as Required by 313.026(c)(1) (10 Years)	2033	$1,105,650	$9,447,750	$0	$20,562,750
	2034	$1,105,650	$10,553,400	$0	$20,562,750
	2035	$1,105,650	$11,659,050	$0	$20,562,750
	2036	$1,105,650	$12,764,700	$0	$20,562,750
	2037	$1,105,650	$13,870,350	$0	$20,562,750
	2038	$1,105,650	$14,976,000	$0	$20,562,750
	2039	$1,105,650	$16,081,650	$0	$20,562,750
	2040	$1,105,650	$17,187,300	$0	$20,562,750
	2041	$1,105,650	$18,292,950	$0	$20,562,750
	2042	$1,105,650	$19,398,600	$0	$20,562,750

$19,398,600	is less than	**$20,562,750**

Analysis Summary	
Is the project reasonably likely to generate tax revenue in an amount sufficient to offset the M&O levy loss as a result of the limitation agreement?	No

NOTE: The analysis above only takes into account this project's estimated impact on the M&O portion of the school district property tax levy directly related to this project.

Source: CPA, Pumpkin Farm Wind, LLC

	Employment			Personal Income			Revenue & Expenditure		
Year	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total	Revenue	Expenditure	Net Tax Effect
2016	0	0	0	$0	$0	$0	0	0	$0
2017	151	143	293.95	$7,480,860	$11,559,140	$19,040,000	984192	-541687	$1,525,879
2018	7	18	25	$269,360	$2,540,640	$2,810,000	152588	183105	-$30,517
2019	7	14	21	$269,360	$1,930,640	$2,200,000	144958	198364	-$53,406
2020	7	11	18	$269,360	$1,930,640	$2,200,000	129700	205994	-$76,294
2021	7	13	20	$269,360	$1,810,640	$2,080,000	122070	175476	-$53,406
2022	7	11	18	$269,360	$1,810,640	$2,080,000	106812	167847	-$61,035
2023	7	13	20	$269,360	$1,680,640	$1,950,000	83923	152588	-$68,665
2024	7	9	16	$269,360	$1,560,640	$1,830,000	129700	152588	-$22,888
2025	7	16	23	$269,360	$1,680,640	$1,950,000	122070	114441	$7,629
2026	7	13	20	$269,360	$1,320,640	$1,590,000	114441	114441	$0
2027	7	16	23	$269,360	$1,930,640	$2,200,000	106812	61035	$45,777
2028	7	11	18	$269,360	$1,680,640	$1,950,000	68665	53406	$15,259
2029	7	5	12	$269,360	$1,440,640	$1,710,000	61035	76294	-$15,259
2030	7	11	18	$269,360	$950,640	$1,220,000	22888	22888	$0
2031	7	(1)	6	$269,360	$710,640	$980,000	-30518	15259	-$45,777
2032	7	3	10	$269,360	$220,640	$490,000	-61035	-7629	-$53,406
2033	7	(1)	6	$269,360	$460,640	$730,000	-68665	-38147	-$30,518
2034	7	(1)	6	$269,360	$460,640	$730,000	-68665	-68665	$0
2035	7	(1)	6	$269,360	$220,640	$490,000	-91553	-76294	-$15,259
2036	7	1	8	$269,360	-$29,360	$240,000	-137329	-144958	$7,629
2037	7	(1)	6	$269,360	-$269,360	$0	-152588	-160217	$7,629
2038	7	(3)	4	$269,360	-$759,360	-$490,000	-167847	-183105	$15,258
2039	7	(3)	4	$269,360	$220,640	$490,000	-167847	-251770	$83,923
2040	7	(5)	2	$269,360	-$999,360	-$730,000	-213623	-289917	$76,294
2041	7	1	8	$269,360	-$759,360	-$490,000	-213623	-312805	$99,182
2042	7	(5)	2	$269,360	-$759,360	-$490,000	-228882	-320435	$91,553
2043	7	(7)	0	$269,360	-$759,360	-$490,000	-228882	-343323	$114,441
						Total	**$518,797**	**-$1,045,226**	**$1,564,023**

$20,962,623 is greater than $20,562,750

Analysis Summary

Is the project reasonably likely to generate tax revenue in an amount sufficient to offset the M&O levy loss as a result of the limitation agreement? **Yes**

Disclaimer: This examination is based on information from the application submitted to the school district and forwarded to the comptroller. It is intended to meet the statutory requirement of Chapter 313 of the Tax Code and is not intended for any other purpose.

Attachment C – Limitation as a Determining Factor

Tax Code 313.026 states that the Comptroller may not issue a certificate for a limitation on appraised value under this chapter for property described in an application unless the comptroller determines that "the limitation on appraised value is a determining factor in the applicant's decision to invest capital and construct the project in this state." This represents the basis for the Comptroller's determination.

Methodology
Texas Administrative Code 9.1055(d) states the Comptroller shall review any information available to the Comptroller including:

- the application, including the responses to the questions in Section 8 (Limitation as a Determining Factor);
- public documents or statements by the applicant concerning business operations or site location issues or in which the applicant is a subject;
- statements by officials of the applicant, public documents or statements by governmental or industry officials concerning business operations or site location issues;
- existing investment and operations at or near the site or in the state that may impact the proposed project;
- announced real estate transactions, utility records, permit requests, industry publications or other sources that may provide information helpful in making the determination; and
- market information, raw materials or other production inputs, availability, existing facility locations, committed incentives, infrastructure issues, utility issues, location of buyers, nature of market, supply chains, other known sites under consideration.

Determination
The Comptroller is able to determine that the limitation on appraised value is a determining factor in the Pumpkin Farm Wind, LLC's decision to invest capital and construct the project in this state. This is based on information available, including information provided by the applicant. Specifically, the comptroller notes the following:

- According to the company's website, the applicant has named Floyd County as the only site for the Pumpkin Farm Wind project at the time the application was submitted.
- In a December 2015 ESRI Mid-Atlantic User Conference PowerPoint presentation by the project developer titled, "Mapping Tools for Siting Wind Turbines," Pumpkin Farm is listed as a planned project for 2016/2017.
- Per local newspaper report in May of 2016, related to Pumpkin Wind Farm and two adjacent wind farms:
    - *[They] "have been in the works since 2009, when Apex was created in Charlottesville, Virginia. The company has since been surveying the Floyd County area for the potential of launching wind farms. 'We've been doing meteorological studies on this area for years' said Faith Tyler, local Apex representative. 'And what we've found is Floydada has some of the best wind in the country — one of the reasons why we chose to work there. The top wind speeds in the country you're thinking 9.1 meters per second and that's fast. (Floydada) I believe had 9.3 or 9.4 meters per second. When our data came back it was a no brainer — we thought this is going to be nothing but good.'"*
- The project is included in ERCOT's May 3, 2016 "Report on Capacity, Demand and Reserves (CDR) in the ERCOT Region, 2017-2026." Pumpkin Farm Wind is listed as planned wind resource with an executed Standard Generation Interconnection Agreement.
- Applicant asserts that the tax incentive is the primary input for the decision for this project. A Value Limitation Agreement is required for this project to be financially competitive and allow it the best possibility of moving forward.

Supporting Information

a) Section 8 of the Application for a Limitation on Appraised Value
b) Attachments provided in Tab 5 of the Application for a Limitation on Appraised Value
c) Additional information provided by the Applicant or located by the Comptroller

Disclaimer: This examination is based on information from the application submitted to the school district and forwarded to the comptroller. It is intended to meet the statutory requirement of Chapter 313 of the Tax Code and is not intended for any other purpose.

Supporting Information

Section 8 of the Application for a Limitation on Appraised Value

SECTION 6: Eligibility Under Tax Code Chapter 313.024

1.	Are you an entity subject to the tax under Tax Code, Chapter 171?	☑ Yes	☐ No
2.	The property will be used for one of the following activities:		
	(1) manufacturing	☐ Yes	☑ No
	(2) research and development	☐ Yes	☑ No
	(3) a clean coal project, as defined by Section 5.001, Water Code	☐ Yes	☑ No
	(4) an advanced clean energy project, as defined by Section 382.003, Health and Safety Code	☐ Yes	☑ No
	(5) renewable energy electric generation	☑ Yes	☐ No
	(6) electric power generation using integrated gasification combined cycle technology	☐ Yes	☑ No
	(7) nuclear electric power generation	☐ Yes	☑ No
	(8) a computer center that is used as an integral part or as a necessary auxiliary part for the activity conducted by applicant in one or more activities described by Subdivisions (1) through (7)	☐ Yes	☑ No
	(9) a Texas Priority Project, as defined by 313.024(e)(7) and TAC 9.1051	☐ Yes	☑ No
3.	Are you requesting that any of the land be classified as qualified investment?	☐ Yes	☑ No
4.	Will any of the proposed qualified investment be leased under a capitalized lease?	☐ Yes	☑ No
5.	Will any of the proposed qualified investment be leased under an operating lease?	☐ Yes	☑ No
6.	Are you including property that is owned by a person other than the applicant?	☐ Yes	☑ No
7.	Will any property be pooled or proposed to be pooled with property owned by the applicant in determining the amount of your qualified investment?	☐ Yes	☑ No

SECTION 7: Project Description

1. In **Tab 4**, attach a detailed description of the scope of the proposed project, including, at a minimum, the type and planned use of real and tangible personal property, the nature of the business, a timeline for property construction or installation, and any other relevant information.

2. Check the project characteristics that apply to the proposed project:

☑ Land has no existing improvements
☐ Land has existing improvements *(complete Section 13)*
☐ Expansion of existing operation on the land *(complete Section 13)*
☐ Relocation within Texas

SECTION 8: Limitation as Determining Factor

1.	Does the applicant currently own the land on which the proposed project will occur?	☐ Yes	☑ No
2.	Has the applicant entered into any agreements, contracts or letters of intent related to the proposed project?	☐ Yes	☑ No
3.	Does the applicant have current business activities at the location where the proposed project will occur?	☐ Yes	☑ No
4.	Has the applicant made public statements in SEC filings or other documents regarding its intentions regarding the proposed project location?	☐ Yes	☑ No
5.	Has the applicant received any local or state permits for activities on the proposed project site?	☐ Yes	☑ No
6.	Has the applicant received commitments for state or local incentives for activities at the proposed project site?	☐ Yes	☑ No
7.	Is the applicant evaluating other locations not in Texas for the proposed project?	☑ Yes	☐ No
8.	Has the applicant provided capital investment or return on investment information for the proposed project in comparison with other alternative investment opportunities?	☐ Yes	☑ No
9.	Has the applicant provided information related to the applicant's inputs, transportation and markets for the proposed project?	☐ Yes	☑ No
10.	Are you submitting information to assist in the determination as to whether the limitation on appraised value is a determining factor in the applicant's decision to invest capital and construct the project in Texas?	☐ Yes	☑ No

Chapter 313.026(e) states "the applicant may submit information to the Comptroller that would provide a basis for an affirmative determination under Subsection (c)(2)." If you answered "yes" to any of the questions in Section 8, attach supporting information in Tab 5.

Supporting Information

Attachments provided in Tab 5 of the Application for a Limitation on Appraised Value

Tab 5

Documentation to assist in determining if limitation is a determining factor

Apex Clean Energy Holdings, LLC ("Apex"), the parent company of Pumpkin Farm Wind, LLC, has been in the renewable energy sector for over five years and has the capabilities to develop, finance, construct and operate renewable facilities with a current development pipeline of over 10,000 MW of independent power assets located throughout the United States, of which, currently 1,500 MW have the opportunity to be developed in Texas.

This project was selected as a candidate to explore for development because of the robust wind resource in Floyd County and access to the ERCOT market and the new CREZ White River substation plus the potential to access the SPP market as well. The Project is seeking property tax incentives under the Tax Code Chapter 312 Tax Abatement and Chapter 313 Appraised Value Limitation.

Apex would like to develop and build its proposed project but, given the myriad of undetermined variables at this early stage, a Chapter 313 Appraised Value Limitation on Qualified Property is necessary to make the economics of the project viable by providing relief for the greatest operational cost of the project. If Apex cannot secure a Chapter 313 Appraised Value Limitation Agreement, resources will be reallocated to other developable counties and/or states competing for similar projects where Apex has land interests and state and local taxes are such that the project can be constructed.

Supporting Information

Additional information provided by the Applicant or located by the Comptroller

PUMPKIN FARM WIND

COUNTY: Floyd

STATE: Texas

COMPLETED: Exp. 2017

CAPACITY: 200 MW

HOMES POWERED: 76,000

Our Projects

Mid-Atlantic

Northeast

Central

South

Acadian Wind

Cameron Wind

Chapman Ranch Wind

Coldwater Creek Wind

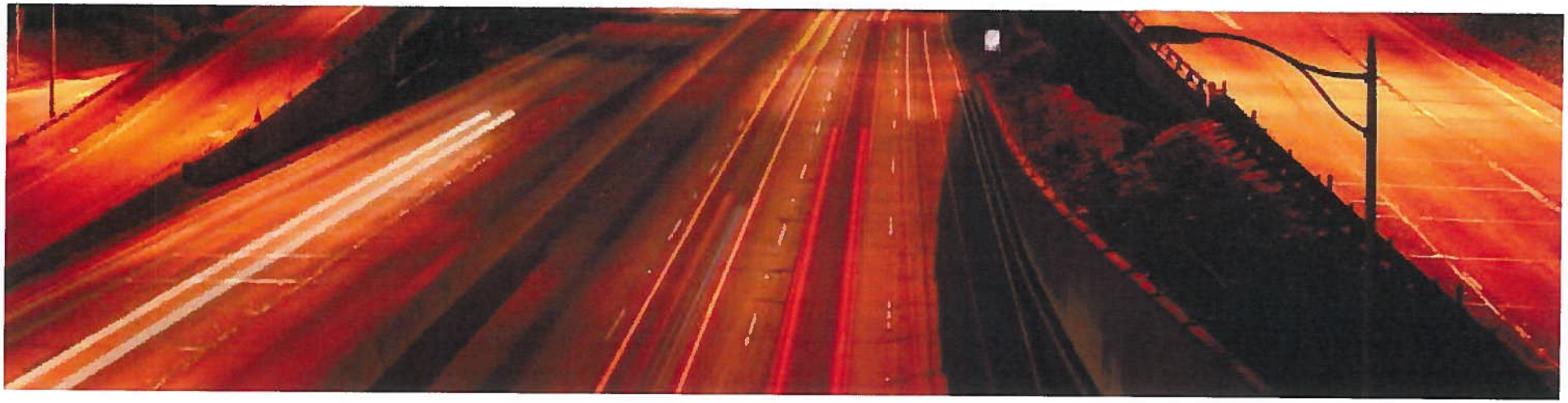
Collinsville Wind

Cotton Plains Wind

Crab Orchard Wind

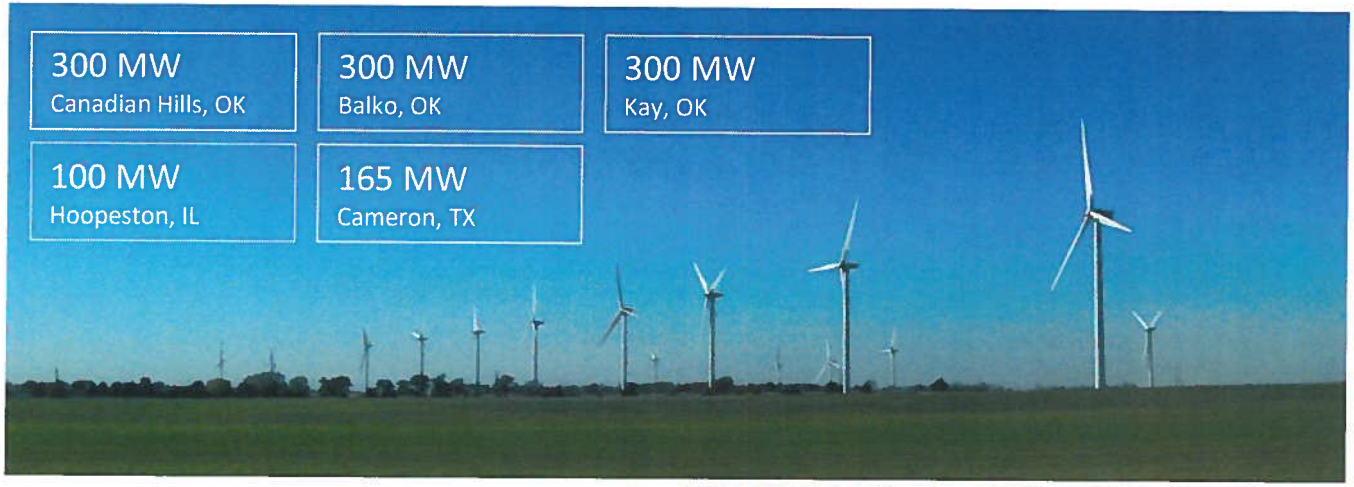
APEX CLEAN ENERGY

Mapping Tools for Siting Wind Turbines



Who is Apex Clean Energy?

Developed 1,165 MW of operational facilities



150 Employees

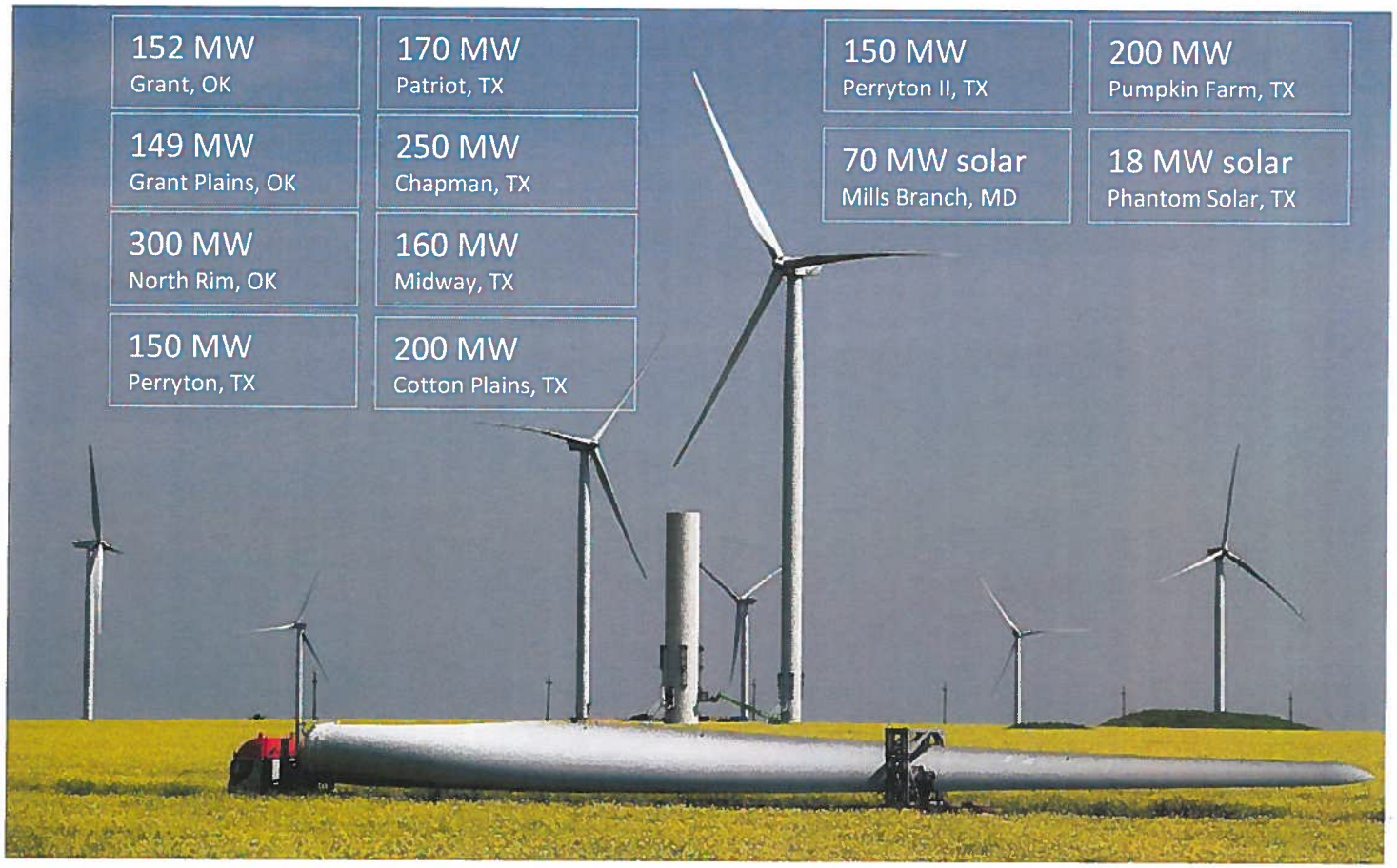
Including 4 GIS Professionals
Headquartered in Charlottesville VA

APEX CLEAN ENERGY

Projects Planned for 2016/2017

1,969 MW

capable of 2016 COD and PTC/ITC qualified



APEX CLEAN ENERGY

2015 Mid Atlantic User Conference Proceedings

The 2015 Mid Atlantic User Conference Proceedings is a compilation of professional papers regarding a diverse collection of GIS applications. The conference was held December 7–9, 2015 in Baltimore, Maryland. Esri users made a fundamental contribution to the conference by submitting and delivering presentations.

Note: If a user presentation is not listed, permission to publish was not granted.

Show 10 entries

Search for Papers

Title	Paper	Author	Session
A Novice Uses ArcGIS to Improve School Site Design Outcomes	Presentation	Doug Taylor	Planning & Analysis
AGO Enterprise, Going Where No City has Gone Before	Presentation	Grant Ervin	ArcGIS Online
Applying Spatial Analysis Techniques to Make Better Decisions	Presentation	Brett Rose	Technical Workshop
ArcGIS for State & Local Government: An Overview	Presentation	Scott Oppman, Nikki Golding	Technical Workshop
ArcGIS GeoEvent Extension for Server		Ken Gorton	Technical Workshop
ArcGIS Online for Administrators	Presentation	Rachel Weeden	Technical Workshop
ArcGIS Pro: Mapping and Visualization		Patrick Gahagan	Technical Workshop
ArcGIS Pro: Tasks	Presentation	Brett Rose	Technical Workshop
ArcGIS: What's New (and Coming)		Lauri Dafner, Patrick Gahagan, Rachel Weeden	Plenary
Building Great Maps for the Web		Ken Gorton	Technical Workshop
Collector for ArcGIS: Implementation Strategies, Lessons Learned, & Custom Tools		Doug Pickering	Field Collection & Data Inventory
Collector for ArcGIS: Tips and Tricks	Presentation	Jake Skinner	Technical Workshop
Configuring ArcGIS Solutions	Presentation	Scott Oppman, Nikki Golding	Technical Workshop
Creating a Workforce Development Plan		Caroline Walker	Technical Workshop
Crowdsource and Survey Apps		Lauri Dafner	Technical Workshop

Developing and Publishing Statewide Parcel Data: The Maryland Experience		Gary Maragos	State & Local Government
Economic Development Maps and Apps for State and Local Government	Presentation	Jake Skinner	Technical Workshop
Enhancing Educational Outreach with GIS	Presentation	Reina Murray	Education/ Social Science
Enterprise ArcGIS License Management, Tracking, & Reporting	Presentation	Brendan Ford	Enterprise Reporting & Monitoring
FDA Geospatial Analyses (part deux): Efficient Allocation of Real Property Across the U.S.	Presentation	Brian Holloway	Facilities Management/Real Property
Field Mapping Tools for Siting Wind Turbine Locations	Presentation	John Foster	Mobile GIS
Finding Balance: Estimating Bikeshare Rebalancing Events Using Trip Data	Presentation	Nathan Teigland	Planning & Analysis
GIS and Cityworks- METCOM's Asset Management Platform		Ed Hogan, Justin Kauffman	Asset Management
How Do You Copy a File? Lessons Learned Developing a Data Sharing Workflow		Alexander Brown	State & Local Government
Introduction to Spatial Analysis with ArcGIS Online	Presentation	Rachel Weeden	Technical Workshop
Introduction to the Web AppBuilder for ArcGIS	Presentation	Jake Skinner	Technical Workshop
Leading Technology Change: What Every GIS Professional Needs to Know		Caroline Walker	Technical Workshop
Lessons Learned from a Multi-Disciplinary GeoDesign Studio		Mahburbur Meenar	Higher Education
Leveraging GIS Data for Asset Inspections in the Field	Presentation	John Jarnagin	Asset Management
Leveraging GIS for Asset Mangement for Municipalities & Utilities- Implementation, Automation & Efficiency	Presentation	Lou Garcia	Local Government
Leveraging the ArcGIS Platform for a Complete Storm Water Inventory Solution	Presentation	Daniel Hunter, Christopher Krebs	Field Collection & Data Inventory
Local Government Data Collection Using Collector & ArcGIS Online	Presentation	Margaret Montgomery	Local Government
Making the Esri Briefing Book Your Own	Presentation	Henry Carbajales, Victoria Pugliese	Application Development
Managing Performance of GIS Infrastructure		Craig Robinson	Enterprise Reporting & Monitoring
Mapping an Epidemic of Fentanyl Deaths in Maryland		Russell Alexander	Public Health
Mapping Chronic Conditions to Promote Local Data Driven Decision Making		Carla Shoff	Public Health
Mapping Election Results, Loudoun County, Virginia	Presentation	Saraswathi Emani, Susan Carlson,	State & Local

Comment 18 0

Wind turbines to fill Floyd County skies

Posted: May 28, 2016 - 6:22pm | **Updated:** May 29, 2016 - 12:13am

Back | Next

By DENISE MARQUEZ

A-J MEDIA

Provided by Apex Clean Energy

About 166 wind turbines will be placed in Floyd County, producing up to 400 megawatts of wind power. Apex Clean Energy plans to build three wind farms near Floydada on about 45,000 acres of private land owned by about 110 local farmers.

Floyd County will soon have 166 wind turbines fill its skyline, producing up to 400 megawatts of wind power.

Two of three new wind farms are planned to be built this summer by Apex Clean Energy, a renewable energy company, and a third one is planned for 2017.

Those new wind farms are welcomed by Floyd County and Floydada government and economic leaders, who said business from the wind industry gives the local economy an overall boost.

The new wind farms will also add to the 5,486 megawatts of wind-powered electricity already produced in Texas, which ranks the state first for installed wind capacity and for the number of wind turbines in the country.

Apex plans to build the three wind farms near Floydada — about a $500 million project.

The projects include Cotton Plains, a 50-megawatt farm, Old Settler, a 150-megawatt farm, and Pumpkin Farms, a 200-megawatt farm.

The Cotton Plains and Old Settler projects are planned to break ground this summer and be completed before the end of the year, with Pumpkin Farms following next year.

The wind farms have been in the works since 2009, when Apex was created in Charlottesville, Virginia. The company has since been surveying the Floyd County area for the potential of launching wind farms.

"We've been doing meteorological studies on this area for years," said Faith Tyler, local Apex representative. "And what we've found is Floydada has some of the best wind in the country — one of the reasons why we chose to work there. The top wind speeds in the country you're thinking 9.1 meters per second and that's fast. (Floydada) I believe had 9.3 or 9.4 meters per second. When our data came back it was a no brainer — we thought, this is going to be nothing but good."

With Floydada wind speeds up to par, Apex moved forward with the 400-megawatt wind power project, which is planned to be built on about 45,000 acres of private land owned by about 110 local farmers.

Farmers providing land for the project can expect thousands of dollars a year for each turbine that is built.

"Every turbine that is on that farmer's land will bring income to that farmer every year," Tyler said. "It's a good amount of income that they tell us will help them support their families and continue to farm their land."

Power generated from Cotton Plains will go to Fort Hood, which purchased the 50 megawatts of electricity and will be injected into the Electric Reliability Council of Texas electrical system. Purchasers of the electricity produced at Old Settler have not been announced, and Pumpkin Farms' power is still on the market to be sold.

Jeff Johnston, Floydada city manager and Economic Development Corp. president, said Apex has kept city and county leaders informed of its plans and said he's glad Apex invested in the area.

"They've come to the City Council and the county and sat with us and said, 'This is what we're doing — any concerns, any questions?' " Johnston said. "There is always that fear that it's a big company and they're going to come in and they are just going to run over us. They have not done that. I think (Apex wind farms) are really going to be good for this area."

Floydada economic booster

Lindan Morris, Floyd County commissioner for Precinct 2, said the county is used to wind energy companies inquiring about the area.

He said once construction on wind farms has started, sales tax numbers can be expected to increase.

"So far, it's been good for our county and our area," Morris said. "I'm hoping it stays that way. It's going to broaden our tax base. The county has been dependent on oil and natural gas, so we'll probably have a boost."

Apex has signed independent school district tax abatements and county tax abatements with Floydada ISD and Floyd County officials, Dahvi Wilson, Apex director of public affairs, said.

"The wind energy projects we are building in Floyd County are expected to supply millions of dollars in tax revenue to local school districts over the lives of the projects and a tremendous boost to the local economy during construction," Wilson said. "In

Spotted

Featured Photos - 9 total (Expand) next »

Pictures of Me

Recent Comments

- Lonesome Dave Cargo is gone
- Concerned?
- On his worst day, Donnie

Community Blogs

You Can Beat Addiction
BY KEITH WOMMACK
Blog: Healthy Connections »

addition, the Apex team has been involved in supporting several local events and activities."

Recently, Floyd County has benefited from a 200-megawatt project that was recently finished about 5 miles from Floydada by Mortenson Construction, which was selected by Boston-based First Wind Energy for the project.

Johnston said most wind energy workers live in the city and become part of the community. He said sales increase at Floydada stores, including hardware shops, the grocery store and restaurants. Rental properties in the city are filled.

"They bring a pretty substantial amount of workers to a project like that," Johnston said. "We've got three RV parks and two of them were built just for the wind farms coming in. Then we start seeing the restaurants filling up a little more and the grocery stores having more people coming through. Obviously, it helps the city with utilities — water and electricity that is being used. Just that aspect starts to trickle down into our economy."

Tyler said Apex employees are encouraged to keep funds circulating in to the communities in which they work.

"When we go into a community to build a wind farm, we also ask our construction and development team to eat local and support the mom and pop shops," Tyler said. "We have a pretty good success rate with that, so we are able to help boost the local economy throughout the development and construction of the project. Those construction workers will stick around for about 18 to 24 months."

Morris said Apex, along with other wind energy companies, have worked well with the local community and have remained transparent with its plans.

"Most of the people that I have dealt with on the construction side of it have been really good to work with and I'm happy about that, he said. "We talked to them for the first time about three years ago — it takes a tremendous amount of planning."

A growing Texas industry

Johnston said city leaders also welcome new wind farm projects because of the boom in the wind industry and its impact on the state's electricity generation.

"It's an exciting industry because it is cutting-edge technology and the footprint is green," Johnston said. "It's exciting to be a big player in all of that, with regards to our geographical area."

The South Plains area has seen an increase in wind farm construction in the past several years with turbines going up in Crosby County, Hale County, Floyd County and Lynn County, to name a few.

In 2015, about 10,390 wind turbines were accounted for in Texas and about 116 wind projects were online producing about 17,711 megawatts of wind capacity, according to the American Wind Energy Association.

Texas also joined 11 other states that generated 10 percent or more of their in-state electricity from wind in 2015. Texas came in right at 10 percent, which is the first time for the state has hit that level, according to the Wind Association.

The wind industry has created new jobs in operations and maintenance, construction, manufacturing and support positions. In 2015, the wind industry supported about 24,000 to 25,000 direct and indirect jobs throughout the state.

In 57 West Texas counties, about 40 new businesses and 30,000 construction jobs have been created since 2001, according to data collected from the Public Citizen Texas Office, a nonprofit advocacy organization that promotes clean energy and energy efficiency.

"Texas is the Saudi Arabia of wind in the United States," said Tom "Smitty" Smith, Public Citizen's Texas Office director. "It creates a lot of jobs during construction and during operation that pay very well. The growth of wind will continue at least for another 15 years."

Johnston said the wind industry is one he believes will continue to grow and develop in the upcoming years, especially in West Texas.

"There is that thought of how long is this going to last, is this the next big thing or is this something in 30 years we're going to be looking at rusted wind farms out here," Johnston said. "But it looks like it's something that is going to be around for a while."

denise.marquez@lubbockonline.com • 766-8754

Follow Denise on Twitter @DMarquezAJ

By the numbers

166 — number of wind turbines planned for three wind farms in Apex wind power project in Floyd County

$500 million — projected cost of project

400 — projected megawatt capacity

5,486 — megawatts of wind-powered electricity already produced in Texas

24,000 to 25,000 — number of jobs supported directly and indirectly by the wind industry in the state

TAGS: LOCAL NEWS DENISE MARQUEZ

Comments (2)

122862 POINTS

nowhereland 05/29/16 - 08:36 am 4 7

Apex and Jobs, Smaller Carbon Footprint

President Obama's green energy stimulus keeps on delivering jobs while Texas oil and gas is bleeding jobs at the moment..... with another bust.

Also nice to see state business incentives going to clean energy companies that produce jobs without poisoning air, water, and soil. Jobs with a negligible carbon footprint relative to the oil and gas industry and state agency enablers. Energy production that mitigates dirty power production carbon emissions.

It would be nice if Ms. Marquez could report back how long school tax abatements are going to last in Floyd County. It looks like they are short term. Would also be nice to know under what State Fund such incentives were handed out by Jeff Johnston and the EDC.

Report on the Capacity, Demand and Reserves (CDR) in the ERCOT Region, 2017-2026

May 3, 2016

Notes on Changes Relative to the Last CDR, Published December 2015

1 Martin Lake U1 (MLSES_UNIT1) moved from Seasonal Mothball status to Operational status as of 1/1/2016.

2 W A PARISH - PETRA NOVA CTG (PNPI_GT2) moves from Operational status to Mothball for 3-6 months as of 5/19/2016.

3 GREENS BAYOU STG U5 (GBY_GBY_5) moves from Operational status to Mothball as of 6/27/2016.

4 LUFKIN BIOMASS (LFBIO_UNIT1) moves from Operational status to Mothball as of 7/6/2016.

5 Winter Peak Average Capacity Contribution Percentages (WINDPEAKPCT) were updated based on winter 2015/2016 data. The Non-coastal region increased from 18% to 20% due to an increased share of Panhandle wind projects that have a higher capacity factor. The Coastal region decreased from 37% to 35% because all the 20 peak hours for winter 2015/2016 were morning hours, whereas coastal wind normally peaks in the afternoon.

6 Due to installed, registered solar capacity exceeding the 200 MW threshold, the Peak Average Capacity Contribution Percentages (SOLAR_PEAK_PCT) are now calculated using historical unit availability during peak load hours. The summer percentage is 80%; the winter percentage is 5%.

7 Annual PUN forecast capacity adjustments are applied based on ERCOT Board-approved changes to Protocol Sections 3.2.6.2.2 and 10.3.2.4.

8 The following Planned Resources have been moved to Operational Status since the release of the December 2015 CDR report:

Project Name	Unit Code	County	Fuel	Zone	Installed Capacity MW	Summer Capacity MW
JAVELINA WIND 18	BORDAS_JAVEL18	WEBB	WIND	SOUTH	19.7	2.4
JAVELINA WIND 20	BORDAS_JAVEL20	WEBB	WIND	SOUTH	230.0	27.6
LOS VIENTOS III WIND	LV3_UNIT_1	STARR	WIND	SOUTH	200.0	24.0
SENDERO WIND ENERGY	EXGNSND_WIND_1	JIM HOGG	WIND	SOUTH	76.0	9.1
SHANNON WIND	SHANNONW_UNIT_1	CLAY	WIND	WEST	204.1	24.5
CAMERON COUNTY WIND [CAMWIND_UNIT1]	CAMWIND_UNIT1	CAMERON	WIND-C	COASTAL	165.0	90.8
OCI ALAMO 5 (DOWNIE RANCH)	HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	95.0	76.0
TOTAL					989.8	254.3

9 The following Planned Resources have finalized the necessary agreements and permits to be added to the CDR report:

Project Name	GENERATION INTERCONNECTION PROJECT CODE	County	Fuel	Zone	Year of Projected Commercial Operations [1/]	Capacity MW	Summer Capacity MW
COLORADO BEND II	17INR0007	WHARTON	GAS	SOUTH	2017	1,148.0	1,088.0
HALYARD WHARTON ENERGY CENTER	16INR0044	WHARTON	GAS	SOUTH	2017	419.0	419.0
ALBERCAS WIND	15INR0049	ZAPATA	WIND	SOUTH	2016	250.0	30.0
MARIAH DEL SUR	13INR0010c	PARMER	WIND	PANHANDLE	2017	230.4	27.6
LOCKETT WIND FARM	16INR0062b	WILBARGER	WIND	WEST	2017	184.0	22.1
PUMPKIN FARM WIND	16INR0037c	FLOYD	WIND	PANHANDLE	2017	200.0	24.0
SANTA RITA WIND	16INR0091	REAGAN	WIND	WEST	2016	300.0	36.0
SILVER CANYON WIND A	12INR0002a	BRISCOE	WIND	PANHANDLE	2017	200.0	24.0
LOGAN'S GAP WIND II	15INR0082	COMANCHE	WIND	NORTH	2017	200.0	24.0
CASTLE GAP SOLAR 2	16INR0065a	UPTON	SOLAR	WEST	2017	63.0	50.4
UPTON SOLAR	16INR0114	UPTON	SOLAR	WEST	2017	102.0	81.6
TOTAL						3,296.4	1,826.7

[1/] This date is based on the projected Commercial Operations Date (COD) reported by the project developer. In contrast, a unit's first summer CDR forecast year (reported in the SummerCapacities sheet) is defined as the first year in which the capacity is available for the entire summer Peak Load Season. (The summer Peak Load Season constitutes the months of June, July, August and September.) For example, if a unit has a projected COD of July 1, 2015, the first summer CDR forecast year would be 2016.

Unit Capacities - Summer

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE	COUNTY	FUEL	ZONE	IN SERVICE	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
556	**Operational Wind Capacity Sub-total (Coastal Counties)**							1,845.4	1,845.4	1,845.4	1,845.4	1,845.4	1,845.4	1,845.4	1,845.4	1,845.4	1,845.4
557	Wind Peak Average Capacity Percentage (Coastal)		WIND_PEAK_PCT_C	%				55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
558																	
559	Operational Wind Capacity Total (All Counties)		WIND_OPERATIONAL					15,952.1	15,952.1	15,952.1	15,952.1	15,952.1	15,952.1	15,952.1	15,952.1	15,952.1	15,952.1
560																	
561	**Operational Resources (Solar)**																
562	ACACIA SOLAR		ACACIA_UNIT_1	PRESIDIO	SOLAR	WEST	2012	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
563	FS BARILLA SOLAR-PECOS		HOVEY_UNIT1	PECOS	SOLAR	WEST	2014	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
564	OCI ALAMO 1 SOLAR		OCI_ALM1_UNIT1	BEXAR	SOLAR	SOUTH	2013	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
565	OCI ALAMO 4 SOLAR-BRACKETVILLE		ECLIPSE_UNIT1	KINNEY	SOLAR	SOUTH	2014	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
566	OCI ALAMO 5 (DOWNIE RANCH)		HELIOS_UNIT1	UVALDE	SOLAR	SOUTH	2015	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
567	WEBBERVILLE SOLAR		WEBBER_S_WSP1	TRAVIS	SOLAR	SOUTH	2011	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
568	BLUE WING 1 SOLAR		DG_BROOK_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
569	BLUE WING 2 SOLAR		DG_ELEM_1UNIT	BEXAR	SOLAR	SOUTH	2010	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
570	OCI ALAMO 2 SOLAR-ST. HEDWIG		DG_STHWG_UNIT1	BEXAR	SOLAR	SOUTH	2014	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
571	OCI ALAMO 3-WALZEM SOLAR		DG_WALZM_UNIT1	BEXAR	SOLAR	SOUTH	2014	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
572	RENEWABLE ENERGY ALTERNATIVES-CCS1		DG_COSERVSS_CCS1	DENTON	SOLAR	NORTH	2015	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
573	SUNEDISON CPS3 SOMERSET 1 SOLAR		DG_SOME1_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
574	SUNEDISON SOMERSET 2 SOLAR		DG_SOME2_1UNIT	BEXAR	SOLAR	SOUTH	2012	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
575	SUNEDISON RABEL ROAD SOLAR		DG_VALL1_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
576	SUNEDISON VALLEY ROAD SOLAR		DG_VALL2_1UNIT	BEXAR	SOLAR	SOUTH	2012	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
577	**Operational Capacity Total (Solar)**							287.7	287.7	287.7	287.7	287.7	287.7	287.7	287.7	287.7	287.7
578	Solar Peak Average Capacity Percentage		SOLAR_PEAK_PCT	%				80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
579																	
580	Reliability Must-Run (RMR) Capacity		RMR_CAP_CONT		GAS			-	-	-	-	-	-	-	-	-	-
581																	
582	**Non-Synchronous Tie Resources**																
583	EAST TIE		DC_E	FANNIN		NORTH		600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
584	NORTH TIE		DC_N	WILBARGER		WEST		220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
585	EAGLE PASS TIE		DC_S	MAVERICK		SOUTH		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
586	LAREDO VFT TIE		DC_L	WEBB		SOUTH		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
587	SHARYLAND RAILROAD TIE		DC_R	HIDALGO		SOUTH		150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
588	SHARYLAND RAILROAD TIE 2		DC_R2	HIDALGO		SOUTH		150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
589	**Non-Synchronous Ties Total**							1,250.0	1,250.0	1,250.0	1,250.0	1,250.0	1,250.0	1,250.0	1,250.0	1,250.0	1,250.0
590	Non-Synchronous Ties Capacity Contribution (Top 20 Hours)		DCTIE_CAP_CONT		OTHER			577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0
591																	
592	**Planned Thermal Resources with Executed SGIA, Air Permit, GHG Permit and Water Rights**																
593	COLORADO BEND II	17INR0007		WHARTON	GAS	SOUTH	2017	-	1,088.0	1,088.0	1,088.0	1,088.0	1,088.0	1,088.0	1,088.0	1,088.0	1,088.0
594	TEXAS CLEAN ENERGY PROJECT	13INR0023		ECTOR	COAL	WEST	2019	-	-	-	240.0	240.0	240.0	240.0	240.0	240.0	240.0
595	FGE TEXAS I PROJECT	16INR0010		MITCHELL	GAS	WEST	2018	-	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0
596	ANTELOPE 1-3 IC & ELK CTG 1 (SWITCHABLE)	13INR0028		HALE	GAS	PANHANDLE	2016	-	-	-	-	-	-	-	-	-	-
597	LA PALOMA ENERGY CENTER PROJECT	16INR0004		CAMERON	GAS	COASTAL	2018	-	730.0	730.0	730.0	730.0	730.0	730.0	730.0	730.0	730.0
598	PHR PEAKERS [BAC_CTG1-6]	14INR0038		GALVESTON	GAS	HOUSTON	2016	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0
599	SKY GLOBAL POWER ONE	16INR0057		COLORADO	GAS	SOUTH	2016	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
600	INDECK WHARTON ENERGY CENTER PROJECT	15INR0023		WHARTON	GAS	SOUTH	2019	-	-	654.0	654.0	654.0	654.0	654.0	654.0	654.0	654.0
601	PINECREST ENERGY CENTER PROJECT	16INR0006		ANGELINA	GAS	NORTH	2017	-	785.0	785.0	785.0	785.0	785.0	785.0	785.0	785.0	785.0
602	RED GATE IC PLANT [REDGATE_AGR_A-D]	14INR0040		HIDALGO	GAS	SOUTH	2016	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0
603	ELK STATION CTG 2 (SWITCHABLE)	15INR0032		HALE	GAS	PANHANDLE	2016	-	-	-	-	-	-	-	-	-	-
604	ELK STATION CTG 3	15INR0033		HALE	GAS	PANHANDLE	2016	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0
605	WOLF HOLLOW 2	17INR0009		HOOD	GAS	NORTH	2017	-	1,069.0	1,069.0	1,069.0	1,069.0	1,069.0	1,069.0	1,069.0	1,069.0	1,069.0
606	FRIENDSWOOD G	13INR0049		HARRIS	GAS	HOUSTON	2017	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0
607	BETHEL CAES PROJECT	15INR0013		ANDERSON	STORAGE	NORTH	2018	-	-	324.0	324.0	324.0	324.0	324.0	324.0	324.0	324.0
608	HALYARD HENDERSON	16INR0045		HENDERSON	GAS	NORTH	2018	-	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
609	HALYARD WHARTON ENERGY CENTER	16INR0044		WHARTON	GAS	SOUTH	2017	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0	419.0
610	**Planned Capacity Total (Coal, Gas & Storage)**							1,400.4	6,207.4	7,185.4	7,425.4	7,425.4	7,425.4	7,425.4	7,425.4	7,425.4	7,425.4
611																	
612	**Planned Wind Resources with Executed SGIA**																
613	ALBERCAS WIND	15INR0049		ZAPATA	WIND	SOUTH	2016	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
614	GUNSIGHT MOUNTAIN WIND	08INR0018		HOWARD	WIND	WEST	2016	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
615	BAFFIN WIND [BAFFIN_UNIT1-2]	06INR0022c		KENEDY	WIND-C	COASTAL	2016	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0
616	MIDWAY FARMS WIND	11INR0054		SAN PATRICK	WIND-C	COASTAL	2017	-	161.0	161.0	161.0	161.0	161.0	161.0	161.0	161.0	161.0
617	LONGHORN WIND SOUTH	14INR0023b		BRISCOE	WIND	PANHANDLE	2017	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
618	MARIAH WIND A	13INR0010a		PARMER	WIND	PANHANDLE	2017	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2
619	MARIAH WIND B	13INR0010b		PARMER	WIND	PANHANDLE	2016	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4
620	MARIAH DEL SUR	13INR0010c		PARMER	WIND	PANHANDLE	2017	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4
621	RATTLESNAKE DEN WIND 2	13INR0020b		GLASSCOCK	WIND	WEST	2017	-	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0
622	PATRIOT WIND (PETRONILLA)	11INR0062		NUECES	WIND-C	COASTAL	2017	-	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
623	COMANCHE RUN WIND	12INR0029		SWISHER	WIND	PANHANDLE	2018	-	-	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0
624	PAMPA WIND	12INR0018		GRAY	WIND	PANHANDLE	2017	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0
625	SOUTH PLAINS WIND II	14INR0025b		FLOYD	WIND	PANHANDLE	2016	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8	151.8
626	SOUTH PLAINS WIND III	14INR0025c		FLOYD	WIND	PANHANDLE	2016	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5
627	WAKE WIND	14INR0047		DICKENS	WIND	PANHANDLE	2016	257.3	257.3	257.3	257.3	257.3	257.3	257.3	257.3	257.3	257.3
628	DOUG COLBECK'S CORNER (CONWAY)	13INR0005b		CARSON	WIND	PANHANDLE	2016	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5
629	GRANDVIEW WIND 3 (CONWAY)	13INR0005c		CARSON	WIND	PANHANDLE	2016	187.5	187.5	187.5	187.5	187.5	187.5	187.5	187.5	187.5	187.5
630	SCANDIA WIND DEF	13INR0010def		PARMER	WIND	PANHANDLE	2017	-	600.3	600.3	600.3	600.3	600.3	600.3	600.3	600.3	600.3
631	PULLMAN ROAD WIND	15INR0079		RANDALL	WIND	PANHANDLE	2016	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
632	PANHANDLE WIND 3	14INR0030c		CARSON	WIND	PANHANDLE	2016	248.0	248.0	248.0	248.0	248.0	248.0	248.0	248.0	248.0	248.0
633	SALT FORK WIND	14INR0062		GRAY	WIND	PANHANDLE	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
634	LOS VIENTOS IV WIND	15INR0037		STARR	WIND	SOUTH	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0

Unit Capacities - Summer

	UNIT NAME	GENERATION INTERCONNECTION PROJECT CODE	UNIT CODE		COUNTY	FUEL	ZONE	IN SERVICE	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
635	LOS VIENTOS V WIND [LV5_UNIT_1]	15INR0021			STARR	WIND	SOUTH	2016	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
636	PALO DURO WIND	15INR0050			DEAF SMITH	WIND	PANHANDLE	2018	-	-	203.0	203.0	203.0	203.0	203.0	203.0	203.0	203.0
637	CAPROCK WIND	10INR0009			CASTRO	WIND	PANHANDLE	2017	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
638	SAN ROMAN WIND	14INR0013			CAMERON	WIND-C	COASTAL	2016	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
639	TORRECILLAS WIND A	14INR0045a			WEBB	WIND	SOUTH	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
640	TORRECILLAS WIND B	14INR0045b			WEBB	WIND	SOUTH	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
641	CHANGING WINDS	13INR0045			CASTRO	WIND	PANHANDLE	2017	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0
642	ELECTRA WIND	16INR0062a			WILBARGER	WIND	WEST	2016	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0
643	LOCKETT WIND FARM	16INR0062b			WILBARGER	WIND	WEST	2017	-	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0
644	HORSE CREEK WIND	14INR0060			HASKELL	WIND	WEST	2016	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0
645	WILLOW SPRINGS WIND	14INR0060b			HASKELL	WIND	WEST	2016	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0
646	MUENSTER WIND	15INR0085			COOKE	WIND	NORTH	2016	118.3	118.3	118.3	118.3	118.3	118.3	118.3	118.3	118.3	118.3
647	HAPPY WHITEFACE WIND	15INR0074			DEAF SMITH	WIND	PANHANDLE	2016	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0
648	CHAPMAN RANCH WIND I	16INR0055			NUECES	WIND-C	COASTAL	2017	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
649	HIDALGO & STARR WIND	16INR0024			HIDALGO	WIND	SOUTH	2016	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
650	BLANCO CANYON WIND (COTTON PLAINS)	16INR0037			FLOYD	WIND	PANHANDLE	2016	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
651	BLANCO CANYON WIND (OLD SETTLER)	16INR0037b			FLOYD	WIND	PANHANDLE	2017	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
652	PUMPKIN FARM WIND	16INR0037c			FLOYD	WIND	PANHANDLE	2017	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
653	ROCK SPRINGS VAL VERDE WIND	11INR0082a			VAL VERDE	WIND	WEST	2016	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3
654	MAGIC VALLEY WIND II (REDFISH 2A and 2B)	14INR0041a			WILLACY	WIND-C	COASTAL	2017	-	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0
655	SALT FORK WIND 2	16INR0082			CARSON	WIND	PANHANDLE	2017	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
656	SANTA RITA WIND	16INR0091			REAGAN	WIND	WEST	2016	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
657	SWISHER WIND	13INR0038			SWISHER	WIND	PANHANDLE	2017	-	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
658	BUCKTHORN WIND 1	14INR0057			ERATH	WIND	NORTH	2016	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
659	FLUVANNA RENEWABLE 1	13INR0056			SCURRY	WIND	WEST	2017	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0
660	RTS WIND	16INR0087			MCCULLOCH	WIND	SOUTH	2016	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
661	SILVER CANYON WIND A	12INR0002a			BRISCOE	WIND	PANHANDLE	2017	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
662	LOGAN'S GAP WIND II	15INR0082			COMANCHE	WIND	NORTH	2017	-	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
663	**Planned Capacity Total (Wind)**								7,648.2	10,261.5	10,964.5	10,964.5	10,964.5	10,964.5	10,964.5	10,964.5	10,964.5	10,964.5
664																		
665	Planned Wind Capacity Sub-total (Non-Coastal Counties)		WIND_PLANNED_NC						6,982.2	9,024.5	9,727.5	9,727.5	9,727.5	9,727.5	9,727.5	9,727.5	9,727.5	9,727.5
666	Wind Peak Average Capacity Percentage (Non-Coastal)		WIND_PL_PEAK_PCT_NC	%					12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
667																		
668	Planned Wind Capacity Sub-total (Coastal Counties)		WIND_PLANNED_C						555.0	1,126.0	1,126.0	1,126.0	1,126.0	1,126.0	1,126.0	1,126.0	1,126.0	1,126.0
669	Wind Peak Average Capacity Percentage (Coastal)		WIND_PL_PEAK_PCT_C	%					55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
670																		
671	**Planned Solar Resources with Executed SGIA**																	
672	FS BARILLA SOLAR 1B [HOVEY_UNIT2]	12INR0059b			PECOS	SOLAR	WEST	2016	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
673	FS BARILLA SOLAR 2	12INR0059c			PECOS	SOLAR	WEST	2017	-	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
674	RE ROSEROCK SOLAR	16INR0048			PECOS	SOLAR	WEST	2016	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
675	OCI ALAMO 6 (WEST TEXAS)	15INR0070_1			PECOS	SOLAR	WEST	2016	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
676	OCI ALAMO 6 (WEST TEXAS PHASE II)	15INR0070_1b			PECOS	SOLAR	WEST	2016	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
677	SE BUCKTHORN WESTEX SOLAR (RIGGINS SOLAR)	15INR0045			PECOS	SOLAR	WEST	2016	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
678	FS EAST PECOS SOLAR	16INR0073			PECOS	SOLAR	WEST	2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
679	OCI ALAMO 7 (PAINT CREEK)	16INR0052			HASKELL	SOLAR	WEST	2016	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
680	LC NAZARETH SOLAR	16INR0049			CASTRO	SOLAR	PANHANDLE	2016	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0
681	PECOS SOLAR POWER I	15INR0059			PECOS	SOLAR	WEST	2017	-	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
682	BNB LAMESA SOLAR	16INR0023			DAWSON	SOLAR	WEST	2016	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
683	CAPRICORN RIDGE SOLAR	16INR0019			COKE	SOLAR	WEST	2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
684	UPCO POWER 1 (SP-TX-12)	16INR0065			UPTON	SOLAR	WEST	2017	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
685	CASTLE GAP SOLAR 2	16INR0065a			UPTON	SOLAR	WEST	2017	-	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
686	SP-TX-12-PHASE B	16INR0065B			UPTON	SOLAR	WEST	2016	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
687	SOLAIREHOLMAN 1	15INR0061			BREWSTER	SOLAR	WEST	2017	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
688	UPTON SOLAR	16INR0114			UPTON	SOLAR	WEST	2017	-	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
689	**Planned Capacity Total (Solar)**								1,471.4	1,765.4	1,765.4	1,765.4	1,765.4	1,765.4	1,765.4	1,765.4	1,765.4	1,765.4
690	Solar Peak Average Capacity Percentage		SOLAR_PL_PEAK_PCT	%					80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
691																		
692	**Seasonal Mothballed Resources**																	
693	MARTIN LAKE U2 (AS OF 10/1/2015)		MLSES_UNIT2		RUSK	COAL	NORTH	1978	805.0	805.0	805.0	805.0	805.0	805.0	805.0	805.0	805.0	805.0
694	**Total Seasonal Mothballed Capacity**								**805.0**	**805.0**	**805.0**	**805.0**	**805.0**	**805.0**	**805.0**	**805.0**	**805.0**	**805.0**
695																		
696	**Mothballed Resources**																	
697	GREENS BAYOU STG U5 (AS OF 6/27/2016)		GBY_GBY_5		HARRIS	GAS	HOUSTON	1973	371.0	371.0	371.0	371.0	371.0	371.0	371.0	371.0	371.0	371.0
698	J T DEELY U1 (AS OF 12/31/2018)		CALAVERS_JTD1_M		BEXAR	COAL	SOUTH	1918	-	-	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
699	J T DEELY U2 (AS OF 12/31/2018)		CALAVERS_JTD2_M		BEXAR	COAL	SOUTH	1918	-	-	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
700	LUFKIN BIOMASS (AS OF 7/6/2016)		LFBIO_UNIT1		ANGELINA	BIOMASS	NORTH	2012	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
701	S R BERTRON CTG 2 (SINCE 5/15/2013)		SRB_SRBGT_2		HARRIS	GAS	HOUSTON	1967	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
702	S R BERTRON U1 (SINCE 5/15/2013)		SRB_SRB_G1		HARRIS	GAS	HOUSTON	1958	118.0	118.0	118.0	118.0	118.0	118.0	118.0	118.0	118.0	118.0
703	S R BERTRON U2 (SINCE 5/15/2013)		SRB_SRB_G2		HARRIS	GAS	HOUSTON	1956	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
704	S R BERTRON U3 (SINCE 5/22/2013)		SRB_SRB_G3		HARRIS	GAS	HOUSTON	1959	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0
705	S R BERTRON U4 (SINCE 5/22/2013)		SRB_SRB_G4		HARRIS	GAS	HOUSTON	1960	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0	211.0
706	W A PARISH - PETRA NOVA CTG (5/19/2016-11/19/2016)		PNPI_GT2		FORT BEND	GAS	HOUSTON	2013	-	-	-	-	-	-	-	-	-	-
707	**Total Mothballed Capacity**								**1,143.0**	**1,143.0**	**1,983.0**	**1,983.0**	**1,983.0**	**1,983.0**	**1,983.0**	**1,983.0**	**1,983.0**	**1,983.0**
708																		
709	**Retiring Resources Unavailable to ERCOT (since last CDR)**																	
710	FRONTERA GENERATION CTG 1 (Not Available for ERCOT after 10/1/2016)		FRONTERA_FRONTEG1_RET		HIDALGO	GAS	SOUTH	1999	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
711	FRONTERA GENERATION CTG 2 (Not Available for ERCOT after 10/1/2016)		FRONTERA_FRONTEG2_RET		HIDALGO	GAS	SOUTH	1999	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
712	FRONTERA GENERATION STG (Not Available for ERCOT after 10/1/2016)		FRONTERA_FRONTEG3_RET		HIDALGO	GAS	SOUTH	2000	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0
713	**Total Retiring Capacity (since last CDR)**								**524.0**	**524.0**	**524.0**	**524.0**	**524.0**	**524.0**	**524.0**	**524.0**	**524.0**	**524.0**

Apex Clean Energy to begin 400-MW wind project in Texas

Selene Balasta
131 words
3 June 2016
SNL Renewable Energy Weekly
RENW
Issue: 90800
English

Apex Clean Energy is set to commence the construction of three wind farms with a total capacity of 400 MW in Floyd County, Texas, the Lubbock Avalanche-Journal reported May 28.

The $500 million project consists of the 50-MW Cotton Plains, the 150-MW Old Settler and the 200-MW Pumpkin wind facilities.

A total of 166 wind turbines will be put up on about 45,000 acres of private land owned by about 110 local farmers.

The Cotton Plains and Old Settler projects will break ground this summer and are expected to be completed by year-end while the Pumpkin wind facility will begin construction in 2017.

Cotton Plains will sell its output to Fort Hood.

Document RENW000020160606ec630000x

Search Summary

Text	"apex clean energy"
Date	In the last year
Source	All Sources
Author	All Authors
Company	All Companies
Subject	All Subjects
Industry	All Industries
Region	All Regions
Language	English
Results Found	522
Timestamp	8 June 2016 14:33 GMT

