



GLENN HEGAR TEXAS COMPTROLLER OF PUBLIC ACCOUNTS

P.O.Box 13528 • Austin, TX 78711-3528

May 29, 2019

Gilbert Trevino
Superintendent
Floydada Independent School District
226 W. California Street
Floydada, Texas 79235

Re: Certificate for Limitation on Appraised Value of Property for School District
Maintenance and Operations taxes by and between Floydada Independent School
District and Pumpkin Farm Wind, LLC, Application 1347

Dear Superintendent Trevino:

On April 4, 2019, the Comptroller issued written notice that Pumpkin Farm Wind, LLC (applicant) submitted a completed application (Application 1347) for a limitation on appraised value under the provisions of Tax Code Chapter 313.¹ This application was originally submitted on February 18, 2019, to the Floydada Independent School District (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.

¹ All Statutory references are to the Texas Tax Code, unless otherwise noted.

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 1347.

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.

Certificate decision required by 313.025(d)

Determination required by 313.026(c)(1)

The Comptroller has determined that the project proposed by the applicant is reasonably likely to generate tax revenue in an amount sufficient to offset the school district's 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 determined 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, 2019.

Note that any building or improvement existing as of the application review start date of April 4, 2019, 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 toll-free at 1-800-531-5441, ext. 6-0758, or at 512-936-0758.

Sincerely,



Lisa Craven
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 (project) applying to Floydada Independent School District (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 Farm Wind, LLC
Tax Code, 313.024 Eligibility Category	Renewable Energy Electric Generation
School District	Floydada ISD
Estimated 2017-2018 Average Daily Attendance	694
County	Floyd
Proposed Total Investment in District	\$378,000,000
Proposed Qualified Investment	\$378,000,000
Limitation Amount	\$30,000,000
Qualifying Time Period (Full Years)	2020-2021
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	\$831
Minimum weekly wage required for each qualifying job by Tax Code, 313.021(5)(A)	\$831
Minimum annual wage committed to by applicant for qualified jobs	\$43,201
Minimum weekly wage required for non-qualifying jobs	\$707
Minimum annual wage required for non-qualifying jobs	\$36,765
Investment per Qualifying Job	\$54,000,000
Estimated M&O levy without any limit (15 years)	\$40,466,790
Estimated M&O levy with Limitation (15 years)	\$11,912,940
Estimated gross M&O tax benefit (15 years)	\$28,553,850

* 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).

Year	Employment			Personal Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
2020	155	138	293	\$7,750,000	\$12,269,531	\$20,019,531
2021	7	20	27.3438	\$302,407	\$3,115,562	\$3,417,969
2022	7	18	25	\$302,407	\$3,115,562	\$3,417,969
2023	7	18	25	\$302,407	\$2,871,421	\$3,173,828
2024	7	16	23	\$302,407	\$2,383,140	\$2,685,547
2025	7	26	33	\$302,407	\$2,505,210	\$2,807,617
2026	7	20	27	\$302,407	\$2,505,210	\$2,807,617
2027	7	24	31	\$302,407	\$3,115,562	\$3,417,969
2028	7	22	29	\$302,407	\$3,115,562	\$3,417,969
2029	7	22	29	\$302,407	\$2,871,421	\$3,173,828
2030	7	18	25	\$302,407	\$2,383,140	\$2,685,547
2031	7	11	18	\$302,407	\$2,383,140	\$2,685,547
2032	7	13	20	\$302,407	\$1,406,577	\$1,708,984
2033	7	11	18	\$302,407	\$1,650,718	\$1,953,125
2034	7	9	16	\$302,407	\$1,162,437	\$1,464,844
2035	7	9	16	\$302,407	\$918,296	\$1,220,703

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.

Year	Estimated Taxable Value for I&S	Estimated Taxable Value for M&O	Tax Rate*	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 District Tax Levy	High Plains Underground Water Conservation District #1 Tax Levy	Estimated Total Property Taxes
			0.4290	0.4290	1.1700		0.7250	0.1105	0.0067	
2021	\$359,100,000	\$359,100,000		\$1,540,539	\$4,201,470	\$5,742,009	\$2,603,475	\$396,806	\$24,060	\$8,766,349
2022	\$340,200,000	\$340,200,000		\$1,459,458	\$3,980,340	\$5,439,798	\$2,466,450	\$375,921	\$22,793	\$8,304,962
2023	\$321,300,000	\$321,300,000		\$1,378,377	\$3,759,210	\$5,137,587	\$2,329,425	\$355,037	\$21,527	\$7,843,576
2024	\$302,400,000	\$302,400,000		\$1,297,296	\$3,538,080	\$4,835,376	\$2,192,400	\$334,152	\$20,261	\$7,382,189
2025	\$283,500,000	\$283,500,000		\$1,216,215	\$3,316,950	\$4,533,165	\$2,055,375	\$313,268	\$18,995	\$6,920,802
2026	\$264,600,000	\$264,600,000		\$1,135,134	\$3,095,820	\$4,230,954	\$1,918,350	\$292,383	\$17,728	\$6,459,415
2027	\$245,700,000	\$245,700,000		\$1,054,053	\$2,874,690	\$3,928,743	\$1,781,325	\$271,499	\$16,462	\$5,998,028
2028	\$226,800,000	\$226,800,000		\$972,972	\$2,653,560	\$3,626,532	\$1,644,300	\$250,614	\$15,196	\$5,536,642
2029	\$207,900,000	\$207,900,000		\$891,891	\$2,432,430	\$3,324,321	\$1,507,275	\$229,730	\$13,929	\$5,075,255
2030	\$189,000,000	\$189,000,000		\$810,810	\$2,211,300	\$3,022,110	\$1,370,250	\$208,845	\$12,663	\$4,613,868
2031	\$170,100,000	\$170,100,000		\$729,729	\$1,990,170	\$2,719,899	\$1,233,225	\$187,961	\$11,397	\$4,152,481
2032	\$151,200,000	\$151,200,000		\$648,648	\$1,769,040	\$2,417,688	\$1,096,200	\$167,076	\$10,130	\$3,691,094
2033	\$132,300,000	\$132,300,000		\$567,567	\$1,547,910	\$2,115,477	\$959,175	\$146,192	\$8,864	\$3,229,708
2034	\$132,300,000	\$132,300,000		\$567,567	\$1,547,910	\$2,115,477	\$959,175	\$146,192	\$8,864	\$3,229,708
2035	\$132,300,000	\$132,300,000		\$567,567	\$1,547,910	\$2,115,477	\$959,175	\$146,192	\$8,864	\$3,229,708
			Total	\$14,837,823	\$40,466,790	\$55,304,613	\$25,075,575	\$3,821,864	\$231,733	\$84,433,784

Source: CPA, Pumpkin Farm Wind, LLC

*Tax Rate per \$100 Valuation

Table 4 examines the estimated direct impact on ad valorem taxes to the school district, Floyd County, Caprock Hospital District and High Plains Underground Water Conservation District #1, with all property tax incentives sought using estimated market value from the application. The project has applied for a value limitation under Chapter 313, Tax Code and tax abatements with the county and hospital district.

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

Year	Estimated Taxable Value for I&S	Estimated Taxable Value for M&O	Tax Rate*	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 District Tax Levy	High Plains Underground Water Conservation District #1 Tax Levy	Estimated Total Property Taxes
2021	\$359,100,000	\$30,000,000	0.4290	\$1,540,539	\$351,000	\$1,891,539	\$520,695	\$0	\$0	\$2,412,234
2022	\$340,200,000	\$30,000,000		\$1,459,458	\$351,000	\$1,810,458	\$493,290	\$37,592	\$2,279	\$2,343,619
2023	\$321,300,000	\$30,000,000		\$1,378,377	\$351,000	\$1,729,377	\$582,356	\$88,759	\$5,382	\$2,405,874
2024	\$302,400,000	\$30,000,000		\$1,297,296	\$351,000	\$1,648,296	\$548,100	\$83,538	\$5,065	\$2,284,999
2025	\$283,500,000	\$30,000,000		\$1,216,215	\$351,000	\$1,567,215	\$513,844	\$203,624	\$12,346	\$2,297,029
2026	\$264,600,000	\$30,000,000		\$1,135,134	\$351,000	\$1,486,134	\$959,175	\$190,049	\$11,523	\$2,646,881
2027	\$245,700,000	\$30,000,000		\$1,054,053	\$351,000	\$1,405,053	\$890,663	\$176,474	\$10,700	\$2,482,890
2028	\$226,800,000	\$30,000,000		\$972,972	\$351,000	\$1,323,972	\$1,068,795	\$162,899	\$9,877	\$2,565,543
2029	\$207,900,000	\$30,000,000		\$891,891	\$351,000	\$1,242,891	\$979,729	\$149,324	\$9,054	\$2,380,998
2030	\$189,000,000	\$30,000,000		\$810,810	\$351,000	\$1,161,810	\$890,663	\$135,749	\$8,231	\$2,196,453
2031	\$170,100,000	\$170,100,000		\$729,729	\$1,990,170	\$2,719,899	\$1,233,225	\$187,961	\$11,397	\$4,152,481
2032	\$151,200,000	\$151,200,000		\$648,648	\$1,769,040	\$2,417,688	\$1,096,200	\$167,076	\$10,130	\$3,691,094
2033	\$132,300,000	\$132,300,000		\$567,567	\$1,547,910	\$2,115,477	\$959,175	\$146,192	\$8,864	\$3,229,708
2034	\$132,300,000	\$132,300,000		\$567,567	\$1,547,910	\$2,115,477	\$959,175	\$146,192	\$8,864	\$3,229,708
2035	\$132,300,000	\$132,300,000		\$567,567	\$1,547,910	\$2,115,477	\$959,175	\$146,192	\$8,864	\$3,229,708
			Total	\$14,837,823	\$11,912,940	\$26,750,763	\$12,654,259	\$2,021,620	\$122,578	\$41,549,219
			Diff	\$0	\$28,553,850	\$28,553,850	\$12,421,316	\$1,800,244	\$109,155	\$42,884,565

Assumes School Value Limitation and Tax Abatements with the County and Hospital District

Source: CPA, Pumpkin Farm Wind, LLC

*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	2018	\$0	\$0	\$0	\$0
	2019	\$0	\$0	\$0	\$0
	2020	\$0	\$0	\$0	\$0
Limitation Period (10 Years)	2021	\$351,000	\$351,000	\$3,850,470	\$3,850,470
	2022	\$351,000	\$702,000	\$3,629,340	\$7,479,810
	2023	\$351,000	\$1,053,000	\$3,408,210	\$10,888,020
	2024	\$351,000	\$1,404,000	\$3,187,080	\$14,075,100
	2025	\$351,000	\$1,755,000	\$2,965,950	\$17,041,050
	2026	\$351,000	\$2,106,000	\$2,744,820	\$19,785,870
	2027	\$351,000	\$2,457,000	\$2,523,690	\$22,309,560
	2028	\$351,000	\$2,808,000	\$2,302,560	\$24,612,120
	2029	\$351,000	\$3,159,000	\$2,081,430	\$26,693,550
	2030	\$351,000	\$3,510,000	\$1,860,300	\$28,553,850
Maintain Viable Presence (5 Years)	2031	\$1,990,170	\$5,500,170	\$0	\$28,553,850
	2032	\$1,769,040	\$7,269,210	\$0	\$28,553,850
	2033	\$1,547,910	\$8,817,120	\$0	\$28,553,850
	2034	\$1,547,910	\$10,365,030	\$0	\$28,553,850
	2035	\$1,547,910	\$11,912,940	\$0	\$28,553,850
Additional Years as Required by 313.026(c)(1) (10 Years)	2036	\$1,547,910	\$13,460,850	\$0	\$28,553,850
	2037	\$1,547,910	\$15,008,760	\$0	\$28,553,850
	2038	\$1,547,910	\$16,556,670	\$0	\$28,553,850
	2039	\$1,547,910	\$18,104,580	\$0	\$28,553,850
	2040	\$1,547,910	\$19,652,490	\$0	\$28,553,850
	2041	\$1,547,910	\$21,200,400	\$0	\$28,553,850
	2042	\$1,547,910	\$22,748,310	\$0	\$28,553,850
	2043	\$1,547,910	\$24,296,220	\$0	\$28,553,850
	2044	\$1,547,910	\$25,844,130	\$0	\$28,553,850
	2045	\$1,547,910	\$27,392,040	\$0	\$28,553,850

\$27,392,040

is less than

\$28,553,850

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

Year	Employment			Personal Income			Revenue & Expenditure		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total	Revenue	Expenditure	Net Tax Effect
2020	155	138	293	\$7,750,000	\$12,269,531	\$20,019,531	999450.7	-541687	\$1,541,138
2021	7	20	27.3438	\$302,407	\$3,115,562	\$3,417,969	213623	175476.1	\$38,147
2022	7	18	25	\$302,407	\$3,115,562	\$3,417,969	205993.7	190734.9	\$15,259
2023	7	18	25	\$302,407	\$2,871,421	\$3,173,828	205993.7	198364.3	\$7,629
2024	7	16	23	\$302,407	\$2,383,140	\$2,685,547	244140.6	183105.5	\$61,035
2025	7	26	33	\$302,407	\$2,505,210	\$2,807,617	244140.6	183105.5	\$61,035
2026	7	20	27	\$302,407	\$2,505,210	\$2,807,617	267028.8	205993.7	\$61,035
2027	7	24	31	\$302,407	\$3,115,562	\$3,417,969	289917	183105.5	\$106,812
2028	7	22	29	\$302,407	\$3,115,562	\$3,417,969	267028.8	205993.7	\$61,035
2029	7	22	29	\$302,407	\$2,871,421	\$3,173,828	259399.4	221252.4	\$38,147
2030	7	18	25	\$302,407	\$2,383,140	\$2,685,547	236511.2	221252.4	\$15,259
2031	7	11	18	\$302,407	\$2,383,140	\$2,685,547	175476.1	198364.3	-\$22,888
2032	7	13	20	\$302,407	\$1,406,577	\$1,708,984	144958.5	190734.9	-\$45,776
2033	7	11	18	\$302,407	\$1,650,718	\$1,953,125	152587.9	152587.9	\$0
2034	7	9	16	\$302,407	\$1,162,437	\$1,464,844	106811.5	122070.3	-\$15,259
2035	7	9	16	\$302,407	\$918,296	\$1,220,703	61035.2	106811.5	-\$45,776
2036	7	9	16	\$302,407	\$674,156	\$976,563	38147	45776.4	-\$7,629
2037	7	5	12	\$302,407	\$430,015	\$732,422	7629.4	30517.6	-\$22,888
2038	7	3	10	\$302,407	\$430,015	\$732,422	0	15258.8	-\$15,259
2039	7	11	18	\$302,407	\$1,406,577	\$1,708,984	15258.8	-15258.8	\$30,518
2040	7	7	14	\$302,407	\$918,296	\$1,220,703	-30517.6	-61035.2	\$30,518
2041	7	11	18	\$302,407	\$674,156	\$976,563	-45776.4	-76293.9	\$30,518
2042	7	9	16	\$302,407	\$430,015	\$732,422	-61035.2	-83923.3	\$22,888
2043	7	1	8	\$302,407	\$1,162,437	\$1,464,844	-76293.9	-83923.3	\$7,629
2044	7	1	8	\$302,407	\$674,156	\$976,563	-91552.7	-61035.2	-\$30,518
2045	7	5	12	\$302,407	\$674,156	\$976,563	-137329.1	-152587.9	\$15,259
2046	7	1	8	\$302,407	\$674,156	\$976,563	-45776.4	-122070.3	\$76,294
2047	7	9	16	\$302,407	\$2,138,999	\$2,441,406	45776.4	-152587.9	\$198,364
Total							\$3,692,627	\$1,480,103	\$2,212,524
							\$29,604,564	is greater than	\$28,553,850
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 **has determined** 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:

- Per Pumpkin Farm Wind, LLC in Tab 5 of their Application for a Limitation on Appraised Value:
 - A. “The approval of the Project’s application for a Chapter 313 Appraised Value Limitation remains an essential factor in the Project being selected for development by Apex. A myriad of variables remain undetermined at this early stage, and Apex could elect to allocate resources to other developable counties and/or states competing for similar projects where Apex has land interests.”
 - B. “Apex would like to develop and build its proposed project, but given the number of undetermined variables at this early stage, a Chapter 313 Appraised Value Limitation Agreement 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 likely reallocated to other developable counties and/or states competing for similar projects where Apex has land interests. Apex is currently developing the following facilities that are competing for investment capital with the proposed project in Floyd County:”
 - a. A large wind farm in Illinois known internally as “Lincoln Land”
 - b. A large wind farm in Minnesota known internally as “Big Bend”
 - c. A large wind farm in Indiana known internally as “Roaming Bison”
 - d. A large wind farm in Colorado known internally as “Antelope Creek”
 - e. A large wind farm in New Mexico known internally as “Grady Martin
 - f. A large wind farm in Kansas known internally as “Jayhawk.”
- Per Pumpkin Farm Wind, LLC in Tab 5 of their Application for a Limitation on Appraised Value:
 - A. “Apex, [Clean Energy] the ultimate parent company of Pumpkin Wind Farm, LLC, has been in the renewable energy sector for over nine years...”

- Apex Clean Energy lists Pumpkin Farm Wind on its website:
 - A. Floyd County, Texas (Location); Development (Apex Role); September 2020 (Exp. Commercial Date of Operation); 280.6 MW (Capacity); 106,000 (Homes Powered); 160 (Jobs Created)
 - B. A snapshot of the project on Apex's website in April 2016 is also included: Floyd (County); Texas (State); Exp. 2017 (Completed); 200 MW (Capacity); and 76,000 (Homes Powered).
- A March 2019 *Generator Interconnection Status Report* issued by ERCOT, released April 1, 2019, includes a section that details those projects for which a Full Interconnection Study (FIS) has been requested.
 - A. Project Attributes: 16INR0037c (GINR Reference Number); Pumpkin Farm Wind (Project Name); SS Completed, Full Interconnection Study Completed, Interconnection Agreement (GINR Study Phase); Apex Clean (Interconnecting Entity); 79505 White River 345kV (Point of Interconnection Location); Floyd (County); PANHANDLE (CDR Reporting Zone); 12/1/2020 (Projected Commercial Operation Date); WIN (Fuel); WT (Technology); 280.9 (Capacity);
 - B. Changes from Last Report: None (Change indicators: Proj Name, MW Size, COD, SFS/NtP, FIS Request);
 - C. GINR Project Milestone Dates: 02/24/2014 (Screening Study Started); 04/08/2014 (Screening Study Complete); 02/18/2014 (FIS Requested); 01/12/2018 (FIS Approved); 03/24/2017 (IA Signed); Yes (Financial Security and Notice to Proceed Provided)
 - D. Planning Dates: 03/24/2017 (Meets Planning Guide Sect. 6.9(1) Reqs. for inclusion in Planning Models); 09/19/2018 (Meets Planning Guide QSA Sect. 6.9 Prerequisites); No date given (Meets Planning Guide QSA Sect. 5.9 Prerequisites)
 - E. Construction Dates: No date given (Construction Start); No date given (Construction End)
- A May 28, 2016 *Lubbock Avalanche-Journal* article discussed Pumpkin Farm Wind and two other adjacent wind farms:
 - A. "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."
 - B. "'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.'"
 - C. "'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 applicant's parent company cited the project in conference material - *Mapping Tools for Siting Wind Turbines* - presented at the December 2015 ESRI Mid-Atlantic User Conference. Pumpkin Farm is listed as a planned project for 2016/2017.
- Pumpkin Farm Wind, LLC signed an interconnection agreement with Sharyland Utilities, LP in February 2016.
- Pumpkin Farm Wind, LLC previously applied for Chapter 313 value limitation on April 8, 2016 as application 1133. Floydada ISD and Pumpkin Farm Wind, LLC executed an agreement on November 8, 2016. Both parties terminated the agreement effective on or about November 12, 2018.
- Supplemental Information provided by the applicant and per Tab 5 of the application indicated the following:
 - A. Is application project name currently known by any other project names? The Project has not been known by any other names during its development.
 - B. Please also list any other names by which this project may have been known in the past--in media reports, investor presentations, or any listings with any federal or state agency. The project referenced in the application has not been known by or referenced as any other project names in media reports, investor presentations, or any listings with any federal or state agency.

C. Has this project applied to ERCOT at this time? If so, please provide the project's GINR number and when was it assigned. The Project has applied to ERCOT, and its GINR number is 16INR0037.

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:

<input checked="" type="checkbox"/> Land has no existing improvements	<input type="checkbox"/> Land has existing improvements (<i>complete Section 13</i>)
<input type="checkbox"/> Expansion of existing operation on the land (<i>complete Section 13</i>)	<input type="checkbox"/> 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**

Documentation to assist in determining if limitation is a determining factor

Apex, the ultimate parent company of Pumpkin Wind Farm, LLC, has been in the renewable energy sector for over nine years and has capabilities in the development, financing, construction and operation of over 14,000 MW of independent power assets throughout the United States, of which over 1000 MW have the opportunity to be developed in Texas.

The Project is in the middle stages of development as of the date of this application. This Project was selected as a candidate to explore for development because of the fertile wind resource and investment made in Floyd, access to the ERCOT market, and the favorable property tax incentives under the Tax Code, including the potential availability of tax abatement agreements under Tax Code Chapter 312 and a value limitation agreement under Tax Code Chapter 313.

The Project is listed on Apex Clean Energy's website as a project in development. The Project has not been known by any other names during its development. The Project has applied to ERCOT, and its GINR number is 16INR0037.

The only agreements that Applicant has entered into for this Project are (i) written lease agreements with landowners that permit the installation of wind energy project facilities on the land, and (ii) tax abatement agreements under Tax Code chapter 312 with the following local taxing units: Floyd County, Texas, and Caprock Hospital District. The written leases may be terminated by Applicant if it elects not to construct the Project. The tax abatement agreements do not obligate Applicant to construct the Project.

The Project is located north of and adjacent to a wind energy project owned by Cotton Plains Wind I, LLC, another Apex company. Applicant's Project, if constructed will share the gentie line and interconnection facility current used by Cotton Plains Wind I, LLC's project. Once constructed, the Project will have contractual rights to use the gentie line and interconnection that are currently part of Cotton Plains Wind I, LLC's project.

The approval of the Project's application for a Chapter 313 Appraised Value Limitation remains an essential factor in the Project being selected for development by Apex. A myriad of variables remain undetermined at this early stage, and Apex could elect to allocate resources to other developable counties and/or states competing for similar projects where Apex has land interests.

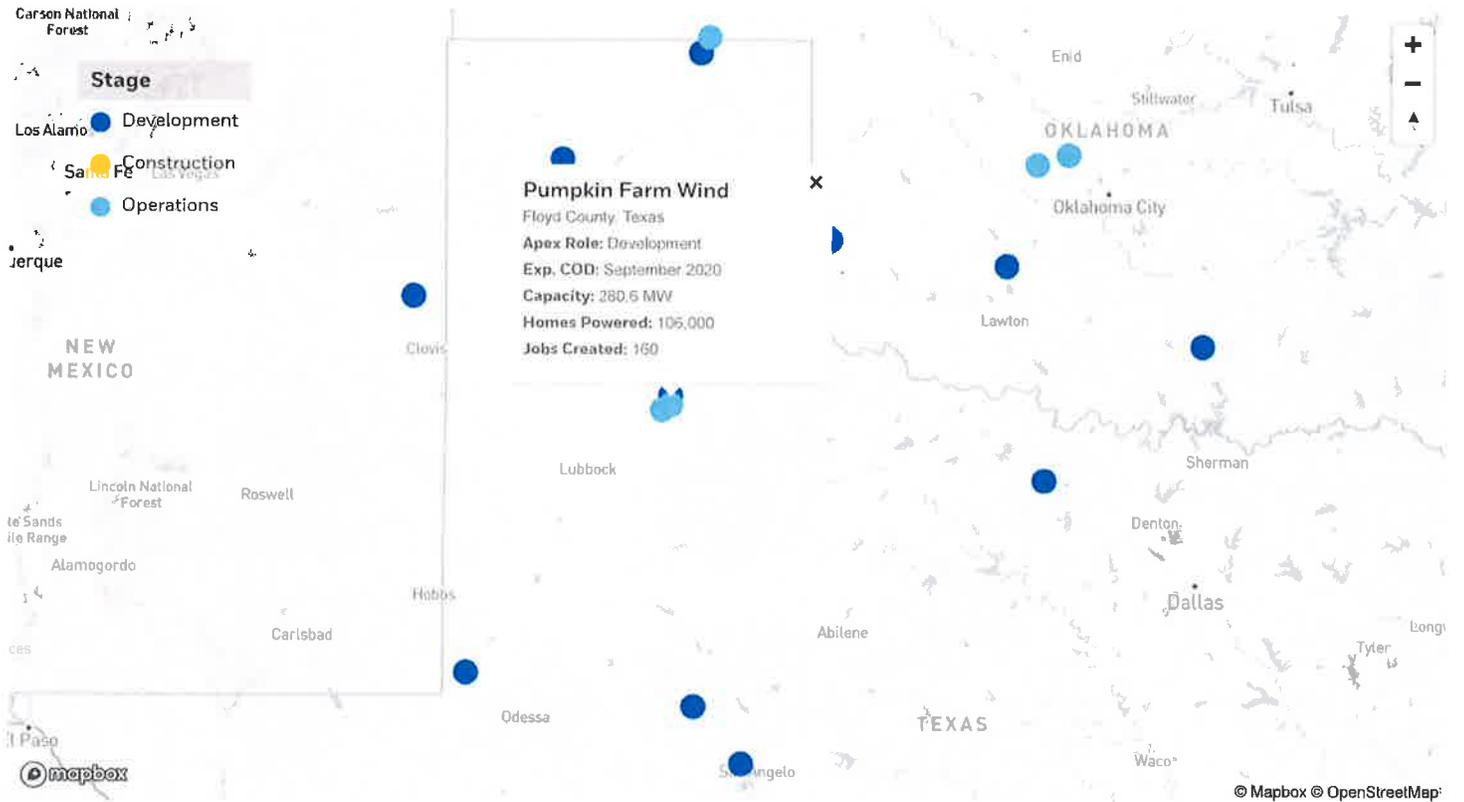
Apex would like to develop and build its proposed project, but given the number of undetermined variables at this early stage, a Chapter 313 Appraised Value Limitation Agreement is necessary to make the economics of the project viable by providing relief for the greatest operational cost of the project. If Apex cannot secure a Chapter 313 Appraised Value Limitation Agreement, resources will be likely reallocated to other developable counties and/or states competing for similar projects where Apex has land interests. Apex is currently developing the following facilities that are competing for investment capital with the proposed project in Floyd County:

- a. A large wind farm in Illinois known internally as "Lincoln Land";
- b. A large wind farm in Minnesota known internally as "Big Bend";
- c. A large wind farm in Indiana known internally as "Roaming Bison";

- d. A large wind farm in Colorado known internally as "Antelope Creek"; and
- e. A large wind farm in New Mexico known internally as "Grady Martin"
- f. A large wind farm in Kansas known internally as "Jayhawk."

Supporting Information

Additional information
provided by the Applicant or
located by the Comptroller



Projects

Upper Midwest

Northeast

South

Mid-Atlantic

3/6/2019

Projects | Apex Clean Energy

Big Bend Wind Minnesota	Downeast Wind Maine	Angelo Solar Texas	Carvers Creek Solar Virginia
Isabella Wind Michigan	Heritage Wind New York	Black Angus Wind Texas	Dragonfly Solar Virginia
Maple Rapids Wind Michigan	Lighthouse Wind New York	Cameron Wind Texas	Moody Creek Solar Virginia
Midwest	Stockbridge Wind New York	Chapman Ranch Wind Texas	Pinewood Wind Virginia
Emerson Creek Wind Ohio	Great Plains	Cotton Plains Wind Texas	Red Brick Solar Virginia
Emerson West Wind Ohio	Balko Wind Oklahoma	Desert Rose Solar Texas	Rivanna Solar Virginia
Ford Ridge Wind Illinois	Bowman Wind North Dakota	Grape Creek Wind Texas	Rocky Forge Wind Virginia
Great Pathfinder Wind Iowa	Caddo Wind Oklahoma	Midway Wind Texas	Timbermill Wind North Carolina
Honey Creek Wind Ohio	Canadian Hills Wind Oklahoma	Old Settler Wind Texas	Canada
Hoopeston Wind Illinois	Cornhusker Harvest Wind Nebraska	Patriot Wind Texas	Oldman 2 Alberta
Lincoln Land Wind Illinois	Dakota Range Wind I & II South Dakota	Perryton Wind Texas	Wintering Hills Alberta
Republic Wind Ohio	Dakota Range Wind III South Dakota	Phantom Solar Texas	
Roaming Bison Wind Indiana	Diamond Spring Wind Oklahoma	Pumpkin Farm Wind Texas	
Sugar Creek Wind Illinois	Grant Plains Wind Oklahoma	Swinford Wind I & II Texas	



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PUMPKIN FARM WIND

COUNTY: Floyd

STATE: Texas

COMPLETED: Exp. 2017

CAPACITY: 200 MW

HOMES POWERED: 76,000





GINR Activity: Mar 01, 2019 to Mar 31, 2019

Table of Contents

Disclaimer and References

Acronyms

Summary

Project Commissioning Update

Project Cancellation Update

Project Details

GINR Trends

Disclaimer on the use of this report, and references to associated ERCOT Binding Documents ***Please read***

A list of the various acronyms used throughout the report

Tables that provide project aggregate counts and megawatt capacities by GINR phase and fuel type

A table listing project commissioning approval milestones met for the month: energization, synchronization, and commercial operations approval

A table listing the projects cancelled for the month

A table that lists project details; only includes projects for which a Full Interconnection Study has been requested

Charts and tables that show historical and projected interconnection study trends.

Time of Report Run: Apr 1, 2019 8:00:27 AM



Acronyms

GINR = Generation Interconnection or Change Request

COD = Commercial Operation Date

SS = Security Screening Study

FIS = Full Interconnection Study

IA = Interconnection Agreement; can be either of the following:

- Standard Generation Interconnection Agreement (SGIA)

- Public financially binding agreement

- An official letter from a Municipally Owned Utility or Electric Cooperative signifying developer intent to build and operate generation facilities and interconnect with the MOU or EC

POI = Point of Interconnection

INR = Interconnection Request Number

TSP = Transmission Service Provider

NtP = Notice-to-Proceed given to the TSP for interconnection construction

CDR = Capacity, Demand and Reserves Report

SFS = Sufficient Financial Security provided to the TSP for construction of the interconnection facilities

QSA = Quarterly Stability Assessment

Fuel Types

BIO = Biomass

COA = Coal

GAS = Gas

GEO = Geothermal

HYD = Hydrogen

NUC = Nuclear

OIL = Fuel Oil

OTH = Other

PET = Petcoke

SOL = Solar

WAT = Water

WIN = Wind

Technology Types

BA = Battery Energy Storage

CC = Combined-Cycle

CE = Compressed Air Energy Storage

CP = Concentrated Solar Power

EN = Energy Storage

FC = Fuel Cell

GT = Combustion (gas) Turbine, but not part of a Combined-Cycle

HY = Hydroelectric Turbine

IC = Internal Combustion Engine, eg. Reciprocating

OT = Other

PV = Photovoltaic Solar

ST = Steam Turbine other than Combined-Cycle

WT = Wind Turbine



GINR Project Details

NOTES:

Due to Protocol confidentiality provisions, only those projects for which a Full Interconnection Study has been requested are included.

The megawatt capacities for projects identified as repowering are reported on a net change basis with respect to the original capacity amount, and thus may have zero or negative values. For projects where increased self-serve load is part of the interconnection studies, the reported capacity is the maximum net MW available to the grid.

The construction start date is the date physical on-site work of a significant nature (such as excavation for footings or foundations or pouring of concrete for foundations) has begun and is on-going. Additionally, major equipment items (such as turbines or step-up transformers) are on-site, in route to the site, or being manufactured under a binding contract with significant financial commitments. The construction end date is the date when all plant systems are ready for commissioning/startup activities. Note that the reporting of Construction Start and End Dates will not begin until ERCOT's online GINR system is available to project developers for data entry.

Blank cells on Air Permit, GHG Permit and Water Availability indicate the emission permits/proof of water supplies are required but have not been obtained or reported to ERCOT yet.

Project Attributes											Changes from Last Report
INR	Project Name	GINR Study Phase	Interconnecting Entity	POI Location	County	CDR Reporting Zone	Projected COD	Fuel	Technology	Capacity (MW)	Change indicators: Proj Name, MW Size, COD, SFS/NIP, FIS Request
08INR0019b	Grandview 5 W	SS Completed, FIS Started, No IA	Eon	79005 Railhead 345kV	Gray	PANHANDLE	12/15/2020	WIN	WT	249	
11INR0054	Midway Wind	SS Completed, FIS Completed, IA	Apex Clean	8961 Whitepoint 138kV	San Patricio	COASTAL	04/05/2019	WIN	WT	162.9	COD
11INR0062	Shaffer	SS Completed, FIS Completed, IA	Clearway Energy	85000 Nelson Sharpe 345kV	Nueces	COASTAL	05/22/2019	WIN	WT	226	COD
12INR0002a	Silver Canyon Wind A	SS Completed, FIS Completed, IA	EDP Renewables	79503 Tule Canyon 345kV	Briscoe	PANHANDLE	10/31/2020	WIN	WT	200	
12INR0055	S_Hills Wind		SEYMOUR HILLS WIND PROJECT, LLC	33782 Mabelle 69kV	Baylor	WEST	05/15/2019	WIN	WT	30.24	COD
12INR0059b	HOVEY (Barilla Solar 1B)	SS Completed, FIS Completed, IA	First Solar	60385 Solstice 138kV	Pecos	WEST	02/28/2019	SOL	PV	7.4	
12INR0060	Wilson Ranch	SS Completed, FIS Completed, IA	ENGIE	76003 Big Hill 345kV	Schleicher	WEST	05/31/2019	WIN	WT	199.5	
13INR0010a	Mariah Del Este	SS Completed, FIS Started, IA	Mariah Acquisition	141765 Mariah 345kV	Parmer	PANHANDLE	10/30/2020	WIN	WT	152.5	
13INR0010def	Scandia Wind DEF	SS Completed, FIS Started, IA	Scandia Wind LLC	141765 Mariah 345kV	Parmer	PANHANDLE	04/01/2020	WIN	WT	600.3	
13INR0025	Northdraw Wind	SS Completed, FIS Started, IA	National Renewable Solutions	79504 AJ Swope 345kV	Randall	PANHANDLE	08/01/2020	WIN	WT	150	
13INR0026	Canadian Breaks Wind			Tap 345kV 79502 Windmill - 79504 AJ Swope	Oldham	PANHANDLE	09/13/2019	WIN	WT	210	
13INR0038	Wildrose Wind	SS Completed, FIS Started, IA	S Power	79501 Ogallala 345kV	Swisher	PANHANDLE	12/30/2021	WIN	WT	302.5	
14INR0009	WKN Amadeus Wind	SS Completed, FIS Started, IA	WKN	tap 345kV 11305 Dermott - 60704 Kirchhof	Fisher	WEST	05/15/2020	WIN	WT	245.9	SFS/NIP
14INR0030c	Panhandle Wind 3	SS Completed, FIS Started, IA	Pattern Energy	79005 Railhead 345kV	Carson	PANHANDLE	12/01/2020	WIN	WT	248	
14INR0033	Goodnight Wind			tap 345kV 79500 Alibates - 79503 Tule Canyon	Armstrong	PANHANDLE	08/15/2020	WIN	WT	504.4	MW Size COD
14INR0044	West of Pecos Solar	SS Completed, FIS Started, IA	Eon	11083 Riverton 138kV	Reeves	WEST	12/15/2019	SOL	PV	100	
14INR0045	Torreillas Wind	SS Completed, FIS Completed, IA	Nextera	161252, 161301 Torreillas 34.5kV	Webb	SOUTH	04/15/2019	WIN	WT	300.5	COD
15INR00034	El Algodon Alto W	SS Completed, FIS Started, No IA	Eon	tap 345kV 8455 Lon Hill - 5725 Pawnee	San Patricio	COASTAL	12/31/2020	WIN	WT	201	
15INR0044	Corazon Solar	SS Completed, FIS Started, No IA	Enervse	80219 Lobo 345kV	Webb	SOUTH	12/31/2019	SOL	PV	200	
15INR0051	Tierra Blanca W	SS Completed, FIS Started, No IA	Eon	79501 Ogallala 345kV	Randall	PANHANDLE	12/15/2021	WIN	WT	200	COD
15INR0059	Emerald Grove Solar	SS Completed, FIS Started, IA	Cypress Creek Renewables	6601 Rio Pecos 138kV	Pecos	WEST	04/10/2020	SOL	PV	108	COD
15INR0063	Easter Wind	SS Completed, FIS Completed, IA	TriGlobal	79502 Windmill 345kV	Castro	PANHANDLE	10/31/2020	WIN	WT	307.5	
15INR0064b	Harald (BearKat Wind B)	SS Completed, FIS Completed, IA	CIP	59903 Bearkat 345kV	Glasscock	WEST	12/13/2019	WIN	WT	162.1	
15INR0090	Plugerville Solar	SS Completed, FIS Started, IA	RRE Solar	tap 138kV 7336 Gillie - 3650 Elgin	Travis	SOUTH	12/31/2019	SOL	PV	144	
16INR0003	LEVEE (Freeport LNG)	SS Completed, FIS Completed, IA	Freeport LNG	43336 Oyster Cr 138kV	Brazoria	COASTAL	08/10/2019	GAS	GT	11	
16INR0010	FGE Texas 1 Gas	SS Completed, FIS Started, IA	FGE Power	Tap 345kV 1030 Morgan - 1025 Falcon	Mitchell	WEST	04/30/2021	GAS	CC	742.9	
16INR0012	Stella 2 Wind	SS Completed, FIS Started, No IA	Eon	tap 345kV 80076 Ajo - 80071 Zorillo	Kenedy	COASTAL	12/30/2020	WIN	WT	201	

INR	Project Name	GINR Study Phase	Interconnecting Entity	POI Location	County	CDR Reporting Zone	Projected COD	Fuel	Technology	Capacity (MW)	Change indicators: Proj Name, MW Size, COD, SFS/NIP, FIS Request
16INR0014	Cattleman Wind A	SS Completed, FIS Started, No IA	Eon	tap 345kV 79501 Ogallala - 79502 Windmill	Castro	PANHANDLE	09/01/2021	WIN	WT	201.6	
16INR0014b	Cattleman Wind B	SS Completed, FIS Started, No IA	Eon	tap 345kV 79501 Ogallala - 79502 Windmill	Castro	PANHANDLE	09/01/2021	WIN	WT	201.6	
16INR0019	BlueBell Solar	SS Completed, FIS Completed, IA	Nextera	76090 Divide 345kV	Coke	WEST	04/15/2019	SOL	PV	30	COD
16INR0033	Hart Wind	SS Completed, FIS Completed, IA	Orion	79501 Ogallala 345kV	Castro	PANHANDLE	12/31/2020	WIN	WT	150	
16INR0037c	Pumpkin Farm Wind	SS Completed, FIS Completed, IA	Apex Clean	79505 White River 345kV	Floyd	PANHANDLE	12/01/2020	WIN	WT	280.9	
16INR0044	Halyard Wharton	SS Completed, FIS Started, IA	Halyard Energy	tap 345kV 9073 Holman - 44200 Hillje	Wharton	SOUTH	06/01/2021	GAS	GT	484	
16INR0045	Halyard Henderson	SS Completed, FIS Started, IA	Halyard Energy	tap 345kV 3109 Stryker - 3123 Trinidad	Henderson	NORTH	05/01/2021	GAS	GT	484	
16INR0049	Nazareth Solar	SS Completed, FIS Started, IA	Lendlease Energy	79501 Ogallala 345kV	Castro	PANHANDLE	05/01/2020	SOL	PV	201	
16INR0054	NA	SS Completed, FIS Completed, IA	NASA	42970 Nasa 138kV	Harris	HOUSTON	09/01/2018	GAS	CC	12	
16INR0062b	Lockett Wind	SS Completed, FIS Completed, IA	Lincoln Clean	141355-6 Electra 34.5kV	Wilbarger	WEST	09/30/2019	WIN	WT	184	
16INR0074	Chocolate Bayou W	SS Completed, FIS Completed, IA	Engie	tap 138kV 42109 Hudson - 42960 Mustang	Brazoria	COASTAL	12/01/2020	WIN	WT	149.5	
16INR0076	Hudson (Ineos/Brazoria)	SS Completed, FIS Completed, IA	Ineos	42100 Hudson 138kV	Brazoria	COASTAL	05/01/2019	GAS	GT	96	
16INR0081	Mesteno Windpower	SS Completed, FIS Started, No IA	Mesteno Windpower, LLC	80355 Del Sol 345kV	Starr	SOUTH	03/01/2020	WIN	WT	201.6	Proj Name
16INR0085	Priddy Wind	SS Completed, FIS Started, No IA	Invenergy	tap 345kV 1444 Brown - 3422 Killeen	Mills	NORTH	12/31/2020	WIN	WT	300	
16INR0086	Cactus Flats Wind	SS Completed, FIS Completed, IA	Southern Power Company	tap 138kV 6480 SAPS - 6365 Yellow Jacket	Concho	WEST	04/12/2019	WIN	WT	148.4	COD
16INR0097	Morada Del Sol Solar	SS Completed, FIS Started, No IA	First Solar	tap 345kV 76002 Bakersfield - 76000 NMcCamey	Upton	WEST	03/31/2020	SOL	PV	245	
16INR0099	Hecate Solar	SS Completed, FIS Started, No IA	Hecate Energy	tap 69kV 6653 Barilla - 6665 Alpine REA	Brewster	WEST	12/31/2020	SOL	PV	33	
16INR0101	Chatee Solar	SS Completed, FIS Started, No IA	Hecate Energy	6641 Sun Valley 69kV	Pecos	WEST	12/31/2020	SOL	PV	57	
16INR0102	Owego Solar	SS Completed, FIS Started, No IA	Hecate Energy	6601 Rio Pecos 138kV	Pecos	WEST	12/31/2020	SOL	PV	74	
16INR0104	Big Sampson Wind	SS Completed, FIS Completed, No IA	Infinity Renewables	76005 Schneeman Draw 345kV	Crockett	WEST	12/01/2019	WIN	WT	400	
16INR0106	Whatley Solar	SS Completed, FIS Started, No IA	Invenergy	1281 Amoco Midland tap 69kV	Andrews	WEST	12/31/2020	SOL	PV	150	
16INR0111	Las Lomas Wind	SS Completed, FIS Started, IA	Enerverse	8957 Lopeno 138kV	Starr	SOUTH	12/31/2019	WIN	WT	200	
16INR0112	Loma Pinta Wind	SS Completed, FIS Completed, IA	Enerverse	5705 Fowlerton 138kV	La Salle	SOUTH	11/30/2019	WIN	WT	200	
16INR0114	Upton Solar	SS Completed, FIS Started, IA	Clearway Energy	76020 SONNE 138-kV	Upton	WEST	05/31/2020	SOL	PV	104.56	
16INR0117	Tecovas 1 W	SS Completed, FIS Started, No IA	Engie	79503 Tule Canyon 345kV	Briscoe	PANHANDLE	06/01/2020	WIN	WT	200	
16INR0119	Wake Solar	SS Completed, FIS Started, No IA	Invenergy	59904 Cottonwood 345kV	Crosby	PANHANDLE	12/31/2021	SOL	PV	150	
17INR0005	Cabezon Wind	SS Completed, FIS Completed, IA	Longroad Energy	80355 Del Sol 345kV	Starr	SOUTH	04/01/2019	WIN	WT	237.6	
17INR0010	FGE Texas 2 Gas	SS Completed, FIS Started, IA	FGE Power	Tap 345kV 1030 Morgan - 1058 Longshore	Mitchell	WEST	05/25/2022	GAS	CC	742.9	
17INR0020a	RE Maplewood 2a Solar	SS Completed, FIS Started, IA	Recurrent Energy	76002 Bakersfield 345kV	Pecos	WEST	05/31/2020	SOL	PV	222	MW Size COD
17INR0020b	RE Maplewood 2b Solar	SS Completed, FIS Started, IA	Recurrent Energy	76002 Bakersfield 345kV	Pecos	WEST	12/31/2020	SOL	PV	28	MW Size COD
17INR0020c	RE Maplewood 2c Solar	SS Completed, FIS Started, IA	Recurrent Energy	76002 Bakersfield 345kV	Pecos	WEST	12/31/2019	SOL	PV	250	MW Size
17INR0022	MIRAGE	SS Completed, FIS Completed, IA	Net Power	111161 Mirage 13.8kV	Harris	HOUSTON	02/18/2019	GAS	GT	11	
17INR0025	Reloj Del Sol Wind	SS Completed, FIS Started, IA	EDP Renewables	80220 Cenizo 345kV	Zapata	SOUTH	10/31/2020	WIN	WT	202	SFS/NIP
17INR0027b	Coyote Wind	SS Completed, FIS Started, IA	Coyote Wind	11305 Dermott 345kV	Scurry	WEST	06/03/2020	WIN	WT	242.5	
17INR0031	Espiritu Wind	SS Completed, FIS Started, No IA	Acciona	Kelvin Station	Cameron	COASTAL	12/21/2020	WIN	WT	148.5	
17INR0033	Tecovas 2 W	SS Completed, FIS Started, No IA	Engie	79503 Tule Canyon 345kV	Briscoe	PANHANDLE	06/01/2020	WIN	WT	200	
17INR0035	Las Majadas Wind	SS Completed, FIS Started, IA	EDF Renewable Energy	8318 Rio Hondo 345kV plus 12.5mi gentie	Willacy	COASTAL	10/01/2020	WIN	WT	272.8	SFS/NIP
17INR0036	Grandview 4 Phase A Wind	SS Completed, FIS Started, No IA	Eon	tap 345kV 79000 Gray - 79006 Allen	Carson	PANHANDLE	05/29/2020	WIN	WT	200.5	COD
17INR0037	Palmas Altas Wind	SS Completed, FIS Completed, IA	Acciona	5760 PALMAS 138 kV	Cameron	COASTAL	01/10/2020	WIN	WT	144.9	
17INR0043	Vaquero 1 Wind	SS Completed, FIS Started, No IA	Enerverse	tap 345kV 8905 N Edinb - 8455 Lon Hill	Zapata	SOUTH	12/31/2020	WIN	WT	400	
17INR0045	VictPort	SS Completed, FIS Completed, IA	Castleman Power	8143 Dupont 138kV	Calhoun	COASTAL	05/03/2019	GAS	GT	100	
17INR0052	Horse13 CallID repower	SS Completed, FIS Completed, No IA	Nextera	6216 Bluff Creek 138kV	Taylor	WEST	11/01/2018	WIN	WT	44	
17INR0053	HHGT repower Horse13+CallID	SS Completed, FIS Completed, No IA	Nextera	7046 Kendal 345kV	Taylor	WEST	11/01/2018	WIN	WT	44	
17INR0054	Capricorn I & III repower	SS Completed, FIS Completed, No IA	Nextera	180757 Capricorn Ridge 3 138kV	Sterling	WEST	11/01/2018	WIN	WT	32	
17INR0056	Callahan repower	SS Completed, FIS Completed, No IA	Nextera		Taylor	WEST	11/01/2018	WIN	WT	0	
17INR0057	Red Canyon repower	SS Completed, FIS Completed, No IA	Nextera	729 ScurrySw 138kV	Garza	WEST	11/01/2018	WIN	WT	0	
17INR0058	Horse Hollow II repower	SS Completed, FIS Completed, No IA	Nextera	Bluff Creek 138kV	Taylor	WEST	03/01/2019	WIN	WT	0	
17INR0060	Horse Hollow IV repower	SS Completed, FIS Completed, No IA	Nextera		Taylor	WEST	11/01/2018	WIN	WT	0	



Wind energy booms in rural South Plains

By JOSIE MUSICO

Posted Dec 19, 2016 at 9:30 AM

Projects are underway near Plainview, Floydada and, more recently, Snyder.

In Hale County, a wind power distribution and logistics facility broke ground in late March 2015. Transportation Technology Services teamed with local economic-development director Mike Fox and other city leaders to start the project, before the company was purchased by Burlington Northern Santa Fe Logistics (BNSF).

“This has become a real hub for wind turbine components to be shipped in,” Fox said.

The distribution center is located in northeast Plainview in what used to be an empty plot of land.

Kreigh Valkenaar, the company’s marketing director, said he likes the location of the facility, which is near U.S. 70 and Interstate, as well as the railroad.

Travel east from Plainview, and you’ll find another project. Dozens of wind turbines already fill Floyd County fields; Apex Clean Energy is in the process of building 166 more.

Apex is working on three projects: Cotton Plains Wind and Old Settler Wind are under construction with plans to be operational in early 2017. Pumpkin Farm Wind, in development stages, has a targeted completion date in 2018. Together they’ll create enough energy to power 152,000 homes, company spokeswoman Dahvi Wilson said.

If you drive through Floyd County’s wind country, it’s hard not to get excited about the development. Walk up to the turbines and look closely at them, and you’ll be amazed at their size and power. Step back, and you’ll be astonished at their numbers.

The county seat of Floydada has seen an economic benefit.

“With us, it’s helped out quite a bit through different avenues,” City Manager Jeff Johnston said.

For example, the local economy has seen a jump in everything from sales tax revenue to rental-home occupancy.

One of the South Plains’ newest wind projects is in Snyder.

In mid-September, Amazon will start its largest renewable energy project. Amazon Wind Farm Texas will be constructed on the east side of U.S. 84.

Project leaders anticipate it will bring more than 250 construction jobs to Scurry County.

Another energy source, a Fluvanna wind farm, will be constructed on the west side of the highway.

“Honestly, it couldn’t happen at a better time. We’re just starting to recover from the downturn from oil, so it’s (great) for our community to get this influx of jobs because it’s going to take over a years-worth of construction,” said Bill Lavers, executive director of the Development Corp. of Snyder. “People have to come from out of town to (work) and buy supplies and groceries and lunch and possibly move their families here, which is what we’re hopeful for.”



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



Projects Planned for 2016/2017

1,969 MW

capable of 2016 COD and PTC/ITC qualified





Events

Main

Recent Proceedings

User Groups

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 entries

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 Management 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



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PUBLIC UTILITY COMMISSION
FILING CLERK

Sharyland Utilities, L.P.
Congress Ave., Suite 2000
Austin, Texas 78701
(512) 721-2661
Fax: (512) 322-9233

March 9, 2016

Lisa Clark, Filing Clerk
Public Utility Commission of Texas
1701 Congress Avenue
P.O. Box 13326
Austin, TX 78711-3326

Re: Project No. 35077 - Sharyland Utilities, L.P. Generation Interconnection Agreement with Pumpkin Farm Wind, LLC

Dear Ms. Clark:

Please find attached the Generation Interconnection Agreement (Agreement) between Sharyland Utilities, L.P. (Sharyland) and Pumpkin Farm Wind, LLC, for filing with the Public Utility Commission of Texas pursuant to P.U.C. SUBST. R. 25.195(e). Because the Agreement contains slight deviations from the Standard Generation Interconnection Agreement, Sharyland has prepared this letter explaining the changes and requests that it be filed with the Agreement.

Exhibit "A"

- Article 1 - The following definitions have been added:
 - Co-Tenant Generators
 - Co-Tenant Facilities
 - Co-Tenant Interconnection Agreements
- Article 2 - Sections 2.2 and 2.3 have been amended.
- Article 8 - Section 8.3 has been amended.
- Article 10 - Section 10.6 has been amended.

Exhibit "B"

- The third paragraph of the Exhibit was added.

Sincerely,

A handwritten signature in black ink, appearing to read 'AR', with a long horizontal flourish extending to the right.

Alicia Rigler
Counsel for Sharyland Utilities, L.P.

Enclosure

**ERCOT STANDARD GENERATION
INTERCONNECTION AGREEMENT**

Between

Pumpkin Farm Wind, LLC

and

Sharyland Utilities, L.P.

for

*16INR0037
Blanco Canyon Wind Farm*

Date: February 16, 2016

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ERCOT STANDARD GENERATION INTERCONNECTION AGREEMENT

This Standard Generation Interconnection Agreement (“Agreement”) is made and entered into this ___ day of February, 2016, between Sharyland Utilities, L.P. (“Transmission Service Provider”) and Pumpkin Farm Wind LLC (“Generator”), hereinafter individually referred to as “Party,” and collectively referred to as “Parties.” In consideration of the mutual covenants and agreements herein contained, the Parties hereto agree as follows:

Transmission Service Provider represents that it is a public utility that owns and operates facilities for the transmission and distribution of electricity. Generator represents that it will own and operate the Plant. Pursuant to the terms and conditions of this Agreement, Transmission Service Provider shall interconnect Generator’s Plant with Transmission Service Provider’s System consistent with the ERCOT Screening Study April 7, 2014. This Agreement applies only to the Plant and the Parties’ interconnection facilities as identified in Exhibit “C”.

This Agreement shall become effective on the date on which the Parties entered into it, as stated above, subject to Governmental Authority approval, if required, and shall continue in full force and effect until terminated in accordance with Exhibit “A”.

This Agreement will be subject to the following, all of which are incorporated herein:

- A. The “Terms and Conditions of the ERCOT Standard Generation Interconnection Agreement” attached hereto as Exhibit “A”;
- B. The ERCOT Requirements (unless expressly stated herein, where the ERCOT Requirements are in conflict with this Agreement, the ERCOT Requirements shall prevail);
- C. The PUCT Rules (where the PUCT Rules are in conflict with this Agreement, the PUCT Rules shall prevail);
- D. The Time Schedule attached hereto as Exhibit “B”;
- E. The Interconnection Details attached hereto as Exhibit “C”;
- F. The notice requirements attached hereto as Exhibit “D”;
- G. The Security Arrangement Details attached hereto as Exhibit “E”;

IN WITNESS WHEREOF, the Parties have executed this Agreement in duplicate originals, each of which shall constitute and be an original effective Agreement between the Parties.

Sharyland Utilities, L.P.

Pumpkin Farm Wind, LLC

By: Apex GCL, LLC, its Sole Member
By: Apex Clean Energy Holdings, LLC
its Sole Member

By: 

By: 

Name: Mark E. Caskey, P.E.

Name: Mark Goodwin

^{KRS} Title: President

Title: President

Date: 2/16/2016

Date: 2/26/2016



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April 8, 2016

John Villarreal
Jenny Hicks
Stephanie Jones
Economic Development and Analysis Division
Texas Comptroller of Public Accounts
111 E. 17th St.
Austin, TX 78774

Via Email and Federal Express

Re: 313 Application – Pumpkin Farm Wind, LLC

Dear John, Jenny and Stephanie:

Enclosed please find an application for appraised value limitation on qualified property submitted to Floydada ISD by Pumpkin Farm Wind, LLC on March 22, 2016, along with the schedules in Excel format. A CD containing these documents is also enclosed.

The Floydada ISD Board elected to accept the application on March 22, 2016. The application was determined to be complete on April 7, 2016. We ask that the Comptroller's Office prepare the economic impact report for this development.

A copy of the application will also be submitted to the Floyd County Appraisal District in accordance with 34 Tex. Admin. Code §9.1054. Please feel free to contact me if you have any questions or concerns.

Sincerely,

A handwritten signature in black ink that reads "Audie Sciumbato". The signature is written in a cursive style with a large, stylized initial "A".

Audie Sciumbato, PhD

Encl.

LOQCSAFO0DB138

cc: Chief Appraiser, Floyd County Appraisal District
Bob Kirby, Director, Pumpkin Farm Wind, LLC
Allen Espinosa, Merit Advisors

COMPTROLLER QUERY RELATED TO TAX CODE CHAPTER 313.026(c)(2)
– Floydada ISD – Pumpkin Farm Wind, LLC App. #1347 –

Comptroller Questions (via email on April 5, 2019):

- 1) *Is this project known by any specific names not otherwise mentioned in this application?*
- 2) *Please also list any other names by which this project may have been known in the past--in media reports, investor presentations, or any listings with any federal or state agency.*
- 3) *Has this project applied to ERCOT at this time? If so, please provide the project's GINR number and when was it assigned.*

Applicant Response (via email on April 22, 2018) and per Pumpkin Farm Wind, LLC in Tab 5 of their Application for a Limitation on Appraised Value:

- 1) *The Project has not been known by any other names during its development.*
- 2) *The project referenced in the application has not been known by or referenced as any other project names in media reports, investor presentations, or any listings with any federal or state agency.*
- 3) *The Project has applied to ERCOT, and its GINR number is 16INR0037. The GINR number was assigned on 2/18/2014.*