BORDER WIND FARM 2016									NET CAD	ACITY FACTOR CA	I CI II ATIONIC			
PRODUCTION SUMMARY	TOTAL	MONTHLY	YTD	AVG WIND	MONTHLY	TOTAL	AVG	RATED	TOTAL	YTD	MONTHLY	YTD	2 vr-to-date	LIFE-TO-DATE
	ENERGY	CURTAILED	ENERGY	SPEED	AVAILABILITY	WTG IN	TIME IN	NAMEPLATE	POTENTIAL	POTENTIAL	AVG NET	AVG NET	AVG NET	AVERAGE
	KWH	KWH	KWH	M/S	AVAILABILITY	SERVICE		CAPACITY	ENERGY	ENERGY	CAPACITY	CAPACITY	CAPACITY	NET CAPACITY
Meter#	Xcel PEG meter	KWII	KWIII	5 turbines	Vestas SCADA	SERVICE	HRS/WTG	KW/WTG	KWH/Month	KWH	FACTOR	FACTOR	FACTOR	FACTOR
weter #				3 turbines	Vesias SCALIA		nkawio	KW/W1G		NWII	PACTOR	PACION		(From 12/08)
	See Note 1								See Note 2				See Note 4	See Note 5
LTD UP TO PRIOR YR	0					0			0					#DIV/0!
PRIOR YEAR	31,559,941	0		7.9	77.5	75			97,200,000		l	32.47%	32.47%	32.47%
					1				31,200,000					
JANUARY	54.9													
Gross Energy Produced kWh	43,599,756													
Housepower Used kWH	(166,795)										47.2			
JANUARY NET ENERGY	43,432,962		43,432,962	8.0	90.3	75	744	2000	111,600,000	111,600,000	38.92%	38.92%	35.92%	35.92%
FEBRUARY	49.7													
Gross Energy Produced kWh	42,848,893													
Housepower Used KWh	(57,093)										45.4			
FEBRUARY NET ENERGY	42,791,799	45,239	86,224,761	7.6	96.2	75	696	2000	104,400,000	216,000,000	40.99%	39.92%	37.61%	37.61%
MARCH	54.4													
Gross Energy Produced kWh	50,672,297									1	43.7			
Housepower Used kWH MARCH NET ENERGY	(49,114) 50,623,183	150,230	136,847,944	7.4	98.6	75	744	2000	111,600,000	327,600,000	43.7 45.36%	41.77%	39.64%	39.64%
MARCH NET ENERGY	50,623,183	150,230	136,847,944	7.4	98.6	/5	/44	2000	111,600,000	327,600,000	45.36%	41./7%	39.64%	39.64%
APRIL	52.0										l			
Gross Energy Produced kWh	63,297,776										l			
Housepower Used kWH	(15,121)										46.3			
APRIL NET ENERGY	63,282,655	91,030	200,130,599	9.1	97.4	75	720	2000	108,000,000	435,600,000	58.60%	45.94%	43.49%	43.49%
L														
MAY	50.6													
Gross Energy Produced kWh Housecower Used kWH	54,021,464 (39,739)										37.6			
MAY NET ENERGY	53,981,726	422,750	254,112,324	7.9	98.0	75	744	2000	111,600,000	547,200,000	48.37%	46.44%	44.33%	44.33%
mar ner enenor	55,551,725	422,700	204,112,024		50.0			2000	111,000,000	547,200,000	40.07 /6	40.4474	44.0070	44.5574
JUNE	41.6													
Gross Energy Produced kWh	47,772,139													
Housepower Used kWH	(53,055)										30.6			
JUNE NET ENERGY	47,719,084	20	301,831,409	7.4	97.2	75	720	2000	108,000,000	655,200,000	44.18%	46.07%	44.31%	44.31%
JULY Gross Energy Produced kWh	37.2 36,905,013													
Housepower Used kWH	(115.415)										27.1			
JULY NET ENERGY	36,789,598	82,420	338,621,007	6.2	96.1	75	744	2000	111,600,000	766,800,000	32.97%	44.16%	42.85%	42.85%
	,,	02,120	,						,,	,,				
AUGUST	41.8													
Gross Energy Produced kWh	38,474,675													
Housepower Used kWH	(43,402)										25.3			
AUGUST NET ENERGY	38,431,274	66,280	377,052,281	6.9	86.8	75	744	2000	111,600,000	878,400,000	34.44%	42.92%	41.88%	41.88%
SEPTEMBER	47.7										l			
Gross Energy Produced kWh	56,659,638										l			
Housepower Used kWH	(36,632)										34.9			
SEPTEMBER NET ENERGY	56,623,006	0	433,675,287	8.2	98.8	75	720	2000	108,000,000	986,400,000	52.43%	43.97%	42.93%	42.93%
											l			
OCTOBER	53.3										l			
Gross Energy Produced kWh Housepower Used kWH	61,970,223 (29,046)										41.1			
OCTOBER NET ENERGY	61,941,177	39,000	495,616,464	8.2	98.4	75	744	2000	111,600,000	1,098,000,000	55.50%	45.14%	44.11%	44.11%
	01,041,177	55,000	455,015,464	0.1	50.4			2000	,000,000	.,050,000,000	33.30%	40.1476		
NOVEMBER	54.8										l			
Gross Energy Produced kWh	60,887,932										l			
Housepower Used Kwh	(42,243)										46.3			
NOVEMBER NET ENERGY	60,845,689	0	556,462,153	8.7	96.7	75	720	2000	108,000,000	1,206,000,000	56.34%	46.14%	45.12%	45.12%
DECEMBED	55.5										l			
DECEMBER	55.5									1	l			
Gross Energy Produced kWh Housepower Used kWH	65,794,380 (30,735)										47.2			
DECEMBER NET ENERGY	65,763,645	1,240	622,225,798	10.6	94.1	75	744	2000	111,600,000	1,317,600,000	58.93%	47.22%	46.21%	46.21%
DEGEMBER HET ENERGY	05,705,045	1,240	022,225,750	10.0	54.1			2000	111,000,000	1,517,000,000	00.3070	47.2274	40.2170	40.21.70
	593,400,000	0.1%		8.3							<u></u>	45.10%		
TOTAL NET ENERGY	622,225,798	898,208		8.0	95.7	75			1,317,600,000			47.22%		
TOTAL 2-YR NET ENERGY	653,785,739	898,208		8.0	86.6	75			1,414,800,000				46.21%	
TOTAL LTD NET ENERGY	653,785,739	898.208				75			1.414.800.000					46.21%

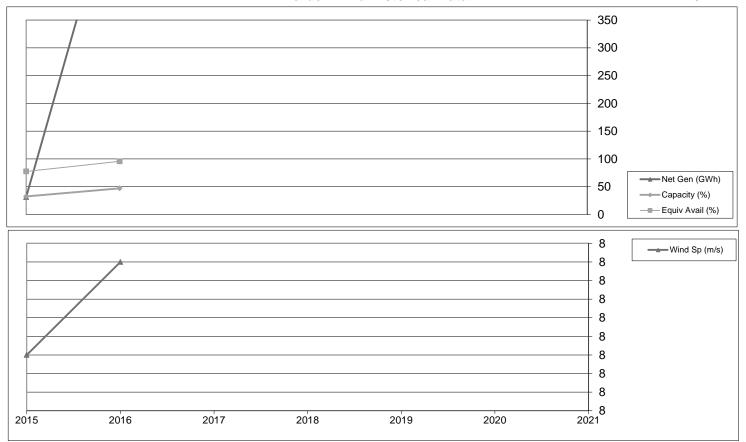
BORDER WIND FARM	Gross	Turbine	Net Turbine	Monthly	AVG Wind
2016 PRODUCTION	Energy	Use	Energy	Curtailment	Speed*
SUMMARY	kWh	kWh	kWh	kWh	m/s
January	43,599,756	166,795	43,432,962	0	8.0
February	42,848,893	57,093	42,791,799	45,239	7.6
March	50,672,297	49,114	50,623,183	150,230	7.4
April	63,297,776	15,121	63,282,655	91,030	9.1
May	54,021,464	39,739	53,981,726	422,750	7.9
June	47,772,139	53,055	47,719,084	20	7.4
July	36,905,013	115,415	36,789,598	82,420	6.2
August	38,474,675	43,402	38,431,274	66,280	6.9
September	56,659,638	36,632	56,623,006	0	8.2
October	61,970,223	29,046	61,941,177	39,000	8.2
November	60,887,932	42,243	60,845,689	0	8.7
December	65,794,380	30,735	65,763,645	1,240	10.6
Total/Avg	622,904,187	678,388	622,225,798	898,208	8.0

	Gross	Turbine	Net Turbine	Monthly	Monthly
	Energy	Use	Energy	Curtailment	Capacity
	MWh	MWh	MWh	MWh	Factor
January	43,600	167	43,433	0	38.9%
February	42,849	57	42,792	45	41.0%
March	50,672	49	50,623	150	45.4%
April	63,298	15	63,283	91	58.6%
May	54,021	40	53,982	423	48.4%
June	47,772	53	47,719	0	44.2%
July	36,905	115	36,790	82	33.0%
August	38,475	43	38,431	66	34.4%
September	56,660	37	56,623	0	52.4%
October	61,970	29	61,941	39	55.5%
November	60,888	42	60,846	0	56.3%
December	65,794	31	65,764	1	58.9%
Total/Avg	622,904	678	622,226	898	47.2%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Gross Energy (MWh)	43,600	42,849	50,672	63,298	54,021	47,772	36,905	38,475	56,660	61,970	60,888	65,794	622,904
Turbine Use (MWh)	167	57	49	15	40	53	115	43	37	29	42	31	678
Net Energy (MWh)	43,433	42,792	50,623	63,283	53,982	47,719	36,790	38,431	56,623	61,941	60,846	65,764	622,226
Curtailed Energy (MWh)	0	45	150	91	423	0	82	66	0	39	0	1	898
Availability (%)	90.3	96.2	98.6	97.4	98.0	97.2	96.1	86.8	98.8	98.4	96.7	94.1	95.7
Wind Speed* (m/s)	8.0	7.6	7.4	9.1	7.9	7.4	6.2	6.9	8.2	8.2	8.7	10.6	8.0
Capacity Factor	38.9%	41.0%	45.4%	58.6%	48.4%	44.2%	33.0%	34.4%	52.4%	55.5%	56.3%	58.9%	47.3%

<sup>\*</sup>Wind speed data is reported from 5 towers, 4 on each direction edge, and 1 in the center.

### **Border Wind Historical Data**



	Net Gen	Curtailment		Equiv Avail	Wind Sp	
	(GWh)	(GWh)	Capacity (%)	(%)	(m/s)	
2015	32	0	32.5	77.5	7.9	
2016	622	1	47.2	95.7	8.0	
2017						
2018						

PLEASANT VALLEY WIND FARM										ACITY FACTOR CALC				
2016 PRODUCTION SUMMARY  Meter #	TOTAL ENERGY KWH eter 99870_E_0_000	MONTHLY CURTAILED KWH	YTD ENERGY KWH	AVG WIND SPEED M/S 5 turbines	MONTHLY AVAILABILITY Vestas SCADA	TOTAL WTG IN SERVICE		RATED NAMEPLATE CAPACITY KW/WTG	TOTAL POTENTIAL ENERGY KWH/Month	YTD POTENTIAL ENERGY KWH	MONTHLY AVG NET CAPACITY FACTOR	YTD AVG NET CAPACITY FACTOR	2 yr-to-date AVG NET CAPACITY FACTOR	LIFE-TO-DATE AVERAGE NET CAPACITY FACTOR
													See Note 4	(From 12/08) See Note 5
LTD UP TO PRIOR YR	See Note 1	0				0			See Note 2		_	-	See Note 4	
LIB OF TO PRIOR TR		0			i i	<del></del>					1			N/A
PRIOR YEAR	96,120,617	14		7.7	89.1	100			206,400,000			46.57%	46.57%	46.57%
JANUARY	80.9 <b>72,187,987</b>													
Gross Energy Produced kWh Housepower Used kWH	(36.440)													
JANUARY NET ENERGY	72,151,547	42,834	72,151,547	7.9	94.2	100	744	2000	148,800,000	148,800,000	48.49%	48.49%	47.37%	47.37%
FERRIJARY	76.0													
Gross Energy Produced kWh	74,569,034													
Housepower Used KWh	(52,319)													
FEBRUARY NET ENERGY	74,516,715	23,386	146,668,262	8.4	97.1	100	696	2000	139,200,000	288,000,000	53.53%	50.93%	49.11%	49.11%
MARCH	74.4													
Gross Energy Produced kWh	72,323,978													
Housepower Used kWH	(43,231)													
MARCH NET ENERGY	72,280,746	90,522	218,949,008	7.8	97.4	100	744	2000	148,800,000	436,800,000	48.58%	50.13%	48.98%	48.98%
APRIL	75.0										1			
Gross Energy Produced kWh	87,601,440													
Housepower Used kWH	(11,627)													
APRIL NET ENERGY	87,589,813	2,117	306,538,821	9.0	94.8	100	720	2000	144,000,000	580,800,000	60.83%	52.78%	51.15%	51.15%
MAY	71.1													
Gross Energy Produced kWh	58,415,102													
Housepower Used kWH	(67,091)													
MAY NET ENERGY	58,348,011	433	364,886,832	6.7	95.4	100	744	2000	148,800,000	729,600,000	39.21%	50.01%	49.25%	49.25%
JUNE	56.4													
Gross Energy Produced kWh	57,013,380													
Housepower Used kWH	(35,561)													
JUNE NET ENERGY	56,977,819	314,412	421,864,651	7.0	91.0	100	720	2000	144,000,000	873,600,000	39.57%	48.29%	47.96%	47.96%
JULY	48.2													
Gross Energy Produced kWh	45,488,921													
Housepower Used kWH JULY NET ENERGY	(96,992) 45,391,929	1,690	467,256,580	5.9	95.4	100	744	2000	148,800,000	1,022,400,000	30.51%	45.70%	45.85%	45.85%
OUET MET EMENOT	40,001,020	1,000	401,200,000	5.5	55.4	100		2000	140,000,000	1,022,400,000	50.5170	40.7074	40.0070	40.00%
AUGUST	49.2													
Gross Energy Produced kWh Housepower Used kWH	35,774,481 (129,575)													
AUGUST NET ENERGY	35,644,907	17,045	502,901,487	5.3	95.8	100	744	2000	148,800,000	1,171,200,000	23.95%	42.94%	43.48%	43.48%
			,,						.,,	, ,				
SEPTEMBER	59.7													
Gross Energy Produced kWh Housepower Used kWH	70,384,502 (33,507)													
SEPTEMBER NET ENERGY	70,350,995	164,125	573,252,482	7.6	98.3	100	720	2000	144,000,000	1,315,200,000	48.85%	43.59%	43.99%	43.99%
OCTOBER Gross Energy Produced kWh	68.2 71,024,295													
Housepower Used kWH	(45,581)													
OCTOBER NET ENERGY	70,978,714	25,778	644,231,196	7.5	97.9	100	744	2000	148,800,000	1,464,000,000	47.70%	44.00%	44.32%	44.32%
NOVEMBER	75.5										1			
Gross Energy Produced kWh	67,980,021										1			
Housepower Used Kwh	(29,086)										1			
NOVEMBER NET ENERGY	67,950,935	9,225	712,182,131	7.7	95.8	100	720	2000	144,000,000	1,608,000,000	47.19%	44.29%	44.55%	44.55%
DECEMBER	78.5										1			
Gross Energy Produced kWh	90,708,609										1			
Housepower Used kWH	(20,685)										1			
DECEMBER NET ENERGY	90,687,924	1,120	802,870,055	9.2	95.5	100	744	2000	148,800,000	1,756,800,000	60.95%	45.70%	45.79%	45.79%
	813,100,000	0.1%		8.4							1	46.40%		
TOTAL NET ENERGY	802,870,055	692,688		7.5	95.7	100			1,756,800,000			45.70%		
TOTAL 2-YR NET ENERGY	898,990,672	692,702		7.6	92.4	100			1,963,200,000				45.79%	
TOTAL LTD NET ENERGY	898,990,672	692,702			1	100			4 000 000					45.79%
TOTAL LTD NET ENERGY	090,990,672	092,702			1	100			1,963,200,000					45./9%

Notes:
1. N/A
Protestial Energy in N/MH = Number of WTGs.In-Gendos \* Average +bars in-Gendos per WTG.per Month \* Read Namepalas Capacity in N/WTG. All months.
2. Total Average Time in-Service in Gross Availables hours before any locase, wind availability, exacinated availability, excluding a qualificative or continue to the continue of the continue

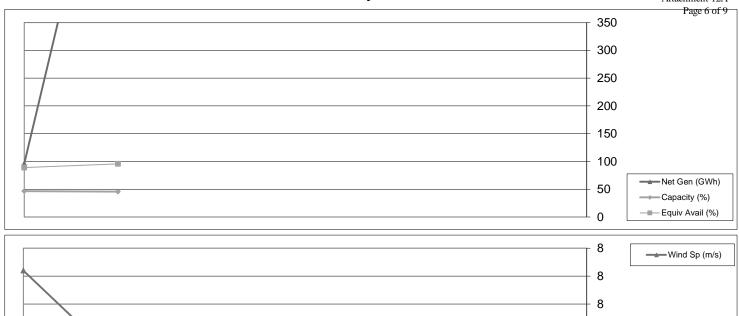
PLEASANT VALLEY WIND FARM 2016 PRODUCTION SUMMARY	Gross Energy kWh	Turbine Use kWh	Net Turbine Energy kWh	Monthly Curtailment kWh	AVG Wind Speed* m/s
January	72,187,987	36,440	72,151,547	42,834	7.9
February	74,569,034	52,319	74,516,715	23,386	8.4
March	72,323,978	43,231	72,280,746	90,522	7.8
April	87,601,440	11,627	87,589,813	2,117	9.0
May	58,415,102	67,091	58,348,011	433	6.7
June	57,013,380	35,561	56,977,819	314,412	7.0
July	45,488,921	96,992	45,391,929	1,690	5.9
August	35,774,481	129,575	35,644,907	17,045	5.3
September	70,384,502	33,507	70,350,995	164,125	7.6
October	71,024,295	45,581	70,978,714	25,778	7.5
November	67,980,021	29,086	67,950,935	9,225	7.7
December	90,708,609	20,685	90,687,924	1,120	9.2
Total/Ava	803 471 740	601 604	802 870 055	602 688	7.5

NT VALLEY ARM 2016 UCTION IMARY	Gross Energy kWh	Turbine Use kWh	Net Turbine Energy kWh	Monthly Curtailment kWh	AVG Wind Speed* m/s		Gross Energy MWh	Turbine Use MWh	Net Turbine Energy MWh	Monthly Curtailment MWh	Monthly Capacity Factor
January	72,187,987	36,440	72,151,547	42,834	7.9	January	72,188	36	72,152	43	48.5%
February	74,569,034	52,319	74,516,715	23,386	8.4	February	74,569	52	74,517	23	53.5%
March	72,323,978	43,231	72,280,746	90,522	7.8	March	72,324	43	72,281	91	48.6%
April	87,601,440	11,627	87,589,813	2,117	9.0	April	87,601	12	87,590	2	60.8%
May	58,415,102	67,091	58,348,011	433	6.7	May	58,415	67	58,348	0	39.2%
June	57,013,380	35,561	56,977,819	314,412	7.0	June	57,013	36	56,978	314	39.6%
July	45,488,921	96,992	45,391,929	1,690	5.9	July	45,489	97	45,392	2	30.5%
August	35,774,481	129,575	35,644,907	17,045	5.3	August	35,774	130	35,645	17	24.0%
September	70,384,502	33,507	70,350,995	164,125	7.6	September	70,385	34	70,351	164	48.9%
October	71,024,295	45,581	70,978,714	25,778	7.5	October	71,024	46	70,979	26	47.7%
November	67,980,021	29,086	67,950,935	9,225	7.7	November	67,980	29	67,951	9	47.2%
December	90,708,609	20,685	90,687,924	1,120	9.2	December	90,709	21	90,688	1	60.9%
Total/Avg	803,471,749	601,694	802,870,055	692,688	7.5	Total/Avg	803,472	602	802,870	693	45.7%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Gross Energy (MWh)	72,188	74,569	72,324	87,601	58,415	57,013	45,489	35,774	70,385	71,024	67,980	90,709	803,472
Turbine Use (MWh)	36	52	43	12	67	36	97	130	34	46	29	21	602
Net Energy (MWh)	72,152	74,517	72,281	87,590	58,348	56,978	45,392	35,645	70,351	70,979	67,951	90,688	802,870
Curtailed Energy (MWh)	43	23	91	2	0	314	2	17	164	26	9	1	693
Availability (%)	94.2	97.1	97.4	94.8	95.4	91.0	95.4	95.8	98.3	97.9	95.8	95.5	95.7
Wind Speed* (m/s)	7.9	8.4	7.8	9.0	6.7	7.0	5.9	5.3	7.6	7.5	7.7	9.2	7.5
Capacity Factor	48.5%	53.5%	48.6%	60.8%	39.2%	39.6%	30.5%	24.0%	48.9%	47.7%	47.2%	60.9%	45.8%

## **Pleasant Valley Historical Data**

Docket No. EL17-\_\_\_ Attachment 12A



	8	——Wind Sp (m/s)
	8	
	8	
	8	
	8	
	7	
	7	
2015 2016 2017 2018	, ,	

	Net Gen	Curtailment	Capacity	Equiv	Wind Sp	
	(GWh)	(GWh)	(%)	Avail (%)	(m/s)	
2015	96	0	46.6	89.1	7.5	
2016	803	1	45.7	95.7	7.5	
2017						
2018						

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COURTENAY WIND FARM 2016									NET CAP	ACITY FACTOR CA	LCULATIONS	3		
PRODUCTION SUMMARY	TOTAL ENERGY KWH 8_E_00_00001409	MONTHLY CURTAILED KWH 0798	YTD ENERGY KWH	AVG WIND SPEED M/S 5 turbines	MONTHLY AVAILABILITY Vestas SCADA	TOTAL WTG IN SERVICE		RATED NAMEPLATE CAPACITY KW/WTG	TOTAL POTENTIAL ENERGY KWH/Month	YTD POTENTIAL ENERGY KWH	MONTHLY AVG NET CAPACITY FACTOR	YTD AVG NET CAPACITY FACTOR	2 yr-to-date AVG NET CAPACITY FACTOR	LIFE-TO-DATE AVERAGE NET CAPACITY FACTOR (From 12/08)
	See Note 1								See Note 2				See Note 4	See Note 5
LTD UP TO PRIOR YR	0					0			0		i			#DIV/0!
											l I			
PRIOR YEAR	0	0		0.0	0.0	0			0			0.00%	0.00%	#DIV/0!
JANUARY Gross Energy Produced kWh Housepower Used kWH JANUARY NET ENERGY	75.0 <b>0</b>	0	0			100	744	2000	0	0	0.00%	0.00%	0.00%	0.00%
FEBRUARY Gross Energy Produced kWh Housepower Used KWh FEBRUARY NET ENERGY	71.1	0	0			100	672	2000	0	0	0.00%	0.00%	0.00%	0.00%
									- 1	-				
MARCH Gross Energy Produced kWh Housepower Used kWH MARCH NET ENERGY	74.6 <b>0</b>	0	0			100	744	2000	0	0	0.00%	0.00%	0.00%	0.00%
APRIL Gross Energy Produced kWh Housepower Used kWH APRIL NET ENERGY	73.7 <b>0</b>	0	0			100	720	2000	0	0	0.00%	0.00%	0.00%	0.00%
L											l			
MAY Gross Energy Produced kWh Housepower Used kWH MAY NET ENERGY	74.7 <b>0</b>	0	0			100	744	2000	0	0	0.00%	0.00%	0.00%	0.00%
JUNE Gross Energy Produced kWh Housepower Used kWH JUNE NET ENERGY	60.0 <b>0</b>	0	0			100	720	2000	0	0	0.00%	0.00%	0.00%	0.00%
JULY Gross Energy Produced kWh Housepower Used kWH JULY NET ENERGY	49.3 <b>0</b>	0	0			100	744	2000	0	0	0.00%	0.00%	0.00%	0.00%
AUGUST Gross Energy Produced kWh Housepower Used kWH AUGUST NET ENERGY	52.5 <b>0</b>	0	0			100	744	2000	0	0	0.00%	0.00%	0.00%	0.00%
SEPTEMBER Gross Energy Produced kWh Housepower Used kWH SEPTEMBER NET ENERGY	62.0 <b>0</b>	0	0			100	720	2000	0	0	0.00%	0.00%	0.00%	0.00%
OCTOBER Gross Energy Produced kWh Housepower Used kWH OCTOBER NET ENERGY	69.3	0	0			100	744	2000	0	0	0.00%		0.00%	0.00%
NOVEMBER Gross Energy Produced kWh Housepower Used Kwh NOVEMBER NET ENERGY	72.6 0		0			100	720	2000	0	0	0.00%		0.00%	0.00%
DECEMBER Gross Energy Produced kWh Housepower Used kWH DECEMBER NET ENERGY	73.0 86,413,778 (31,749) 86,382,029		86,382,029	10.1	91.8	100	744	2000	148,800,000	148,800,000	58.05%		58.05%	58.05%
	907 900 000	0.09/		8.2							l	40 400/		
TOTAL NET ENERGY	807,800,000 86,382,029	0.0%		10.1	91.8	100			148,800,000			46.10% <b>58.05%</b>		
TOTAL NET ENERGT	00,302,029	U		10.1	91.0	1 100			140,000,000		1	36.05%		
TOTAL 2-YR NET ENERGY	86,382,029	0		5.1	45.9	100			148,800,000				58.05%	
TOTAL LTD NET ENERGY	86,382,029	0				100			148,800,000					58.05%

Notes:
1. N/A
2. Total Potential Energy in KWH = Number of WTG's in-Service \* Average Hours in-Service per WTG per Month \* Rated Nameplate Capacity in KWWTG. All months assume Average Time in-Service is Gross Available hours before any losses, wind availability, edupment availability, etc. and are calculated by (Total # 3 Year-to-Date Next KWH) / (Cumulative Year-to-Date Next KWH) / (Cumulative Year-to-Date Next KWH) / (Cumulative Year-to-Date Next KWH) / (Prior Yr Total Potential Energy + 5. Life-to-Date Next KWH) / (Eart Next Year-to-Date Next KWH) / (LT-D Total Potential Energy thru 2 yrs Prior + Prior Year Total Actual Next KWH thru 2 yrs Prior + Prior Year Total Actual Next KWH)

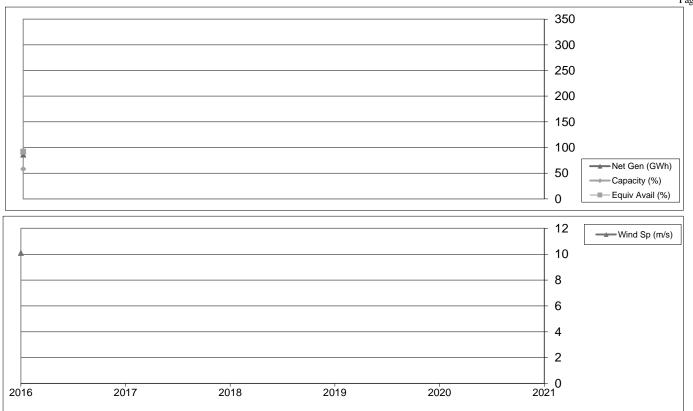
COURTENAY FARM 2016 PRODUCTION SUMMARY	Gross Energy kWh	Turbine Use kWh	Net Turbine Energy kWh	Monthly Curtailment kWh	AVG Wind Speed* m/s
January	0	0	0	0	0.0
February	0	0	0	0	0.0
March	0	0	0	0	0.0
April	0	0	0	0	0.0
May	0	0	0	0	0.0
June	0	0	0	0	0.0
July	0	0	0	0	0.0
August	0	0	0	0	0.0
September	0	0	0	0	0.0
October	0	0	0	0	0.0
November	0	0	0	0	0.0
December	86,413,778	31,749	86,382,029	0	10.1
Total/Avg	86,413,778	31,749	86,382,029	0	0.8

	Gross Energy MWh	Turbine Use MWh	Net Turbine Energy MWh	Monthly Curtailment MWh	Monthly Capacity Factor
January	0	0	0	0	0.0%
February	0	0	0	0	0.0%
March	0	0	0	0	0.0%
April	0	0	0	0	0.0%
May	0	0	0	0	0.0%
June	0	0	0	0	0.0%
July	0	0	0	0	0.0%
August	0	0	0	0	0.0%
September	0	0	0	0	0.0%
October	0	0	0	0	0.0%
November	0	0	0	0	0.0%
December	86,414	32	86,382	0	58.1%
Total/Avg	86,414	32	86,382	0	58.1%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Gross Energy (MV	<b>/h)</b> 0	0	0	0	0	0	0	0	0	0	0	86,414	86,414
Turbine Use (MV	<b>/h)</b> 0	0	0	0	0	0	0	0	0	0	0	32	32
Net Energy (MV	<b>/h)</b> 0	0	0	0	0	0	0	0	0	0	0	86,382	86,382
Curtailed Energy (MV	<b>/h)</b> 0	0	0	0	0	0	0	0	0	0	0	0	0
Availability (	%) 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.8	7.7
Wind Speed* (m	/s) 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.8
Capacity Fac	tor 0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	58.1%	4.8%

<sup>\*</sup>Wind speed data is reported from 5 towers, 4 on each direction edge, and 1 in the center.

# **Courtenay Historical Data**



	Net Gen	Curtailment	Capacity	Equiv	Wind Sp	
	(GWh)	(GWh)	(%)	Avail (%)	(m/s)	
2016	86		58.1	91.8	10.1	
2017						
2018						
2019						