



Source: U.S. Energy Information Administration (graph by Si Kinsella, last updated on May 10, 2023)

<https://www.eia.gov/electricity/data/browser/#/plant/58035?freq=M&start=201612&end=202203&ctype=linechart&itype=pin&pin=&mctype=0&linechart=ELEC.PLANT.GEN.58035-ALL-ALL.M&columnchart=ELEC.PLANT.GEN.58035-ALL->

Block Island Wind Farm, Operating Capacity Factor (actual)					Nameplate Capacity: 30 MW			
Month	2017	2018	2019	2020	2021	2022	Total (2017-2022)	Average Monthly Temp. (°F)
January	39.9%	56.4%	57.9%	52.7%	53.1%	50.9%	51.8%	33.7
February	38.7%	56.3%	49.4%	48.4%	54.7%	57.7%	50.9%	36.1
March	47.1%	54.6%	53.0%	59.2%	40.6%	54.4%	51.5%	38.7
April	32.0%	49.8%	51.4%	59.6%	50.8%	26.0%	44.9%	45.5
May	41.0%	35.5%	47.5%	52.5%	48.0%	43.2%	44.6%	54.2
June	46.0%	33.9%	36.9%	30.2%	21.3%	26.8%	32.5%	64.1
July	30.1%	32.7%	25.2%	32.1%	6.4%	33.1%	26.6%	71.6
August	25.6%	29.3%	27.6%	28.5%	6.9%	27.2%	24.2%	72.5
September	26.4%	34.8%	35.3%	31.4%	11.8%	36.5%	29.4%	66.3
October	45.7%	50.8%	49.4%	36.7%	20.6%	42.1%	40.9%	57.5
November	50.9%	50.9%	54.5%	54.4%	34.0%	48.9%	48.9%	47.8
December	53.0%	51.6%	50.1%	61.7%	38.1%	61.4%	52.7%	38.9
Totals:	39.7%	44.7%	44.8%	45.6%	32.0%	42.3%	41.5%	0.0

Wind Generation, Highest Qtr. (Nov-Jan): 51.1%

Wind Generation, Lowest Qtr. (Jul-Sep): 26.7%

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<h2 style="margin: 0;">Block Island Wind Farm</h2> <p style="margin: 0;">EIA.gov - Net Generation/Capacity Factor (actual monthly)</p>
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2017	Net Generation (MWh)	Hours per Month	Net Generation (MW)	Nameplate Capacity (MW)	Capacity Factor
Jan-17	8,898	744	11.9597	30	39.9%
Feb-17	7,801	672	11.6086	30	38.7%
Mar-17	10,514	744	14.1317	30	47.1%
Apr-17	6,904	720	9.5889	30	32.0%
May-17	9,162	744	12.3145	30	41.0%
Jun-17	9,932	720	13.7944	30	46.0%
Jul-17	6,724	744	9.0376	30	30.1%
Aug-17	5,712	744	7.6774	30	25.6%
Sep-17	5,698	720	7.9139	30	26.4%
Oct-17	10,195	744	13.703	30	45.7%
Nov-17	10,985	720	15.2569	30	50.9%
Dec-17	11,826	744	15.8952	30	53.0%
	104,351	8,760	11.9122	30	39.7%

2018	Net Generation (MWh)	Hours per Month	Net Generation (MW)	Nameplate Capacity (MW)	Capacity Factor
Jan-18	12,595	744	16.9288	30	56.4%
Feb-18	11,358	672	16.9018	30	56.3%
Mar-18	12,184	744	16.3763	30	54.6%
Apr-18	10,763	720	14.9486	30	49.8%
May-18	7,931	744	10.6599	30	35.5%
Jun-18	7,329	720	10.1792	30	33.9%
Jul-18	7,295	744	9.8051	30	32.7%
Aug-18	6,547	744	8.7997	30	29.3%
Sep-18	7,509	720	10.4292	30	34.8%
Oct-18	11,341	744	15.2433	30	50.8%
Nov-18	10,999	720	15.2764	30	50.9%
Dec-18	11,511	744	15.4718	30	51.6%
	117,362	8,760	13.3975	30	44.7%

## Block Island Wind Farm

EIA.gov - Net Generation/Capacity Factor (actual monthly)

2019	Net Generation (MWh)	Hours per Month	Net Generation (MW)	Nameplate Capacity (MW)	Capacity Factor
Jan-19	12,919	744	17.3642	30	57.9%
Feb-19	9,955	672	14.814	30	49.4%
Mar-19	11,834	744	15.9059	30	53.0%
Apr-19	11,102	720	15.4194	30	51.4%
May-19	10,594	744	14.2392	30	47.5%
Jun-19	7,974	720	11.075	30	36.9%
Jul-19	5,623	744	7.5578	30	25.2%
Aug-19	6,171	744	8.2944	30	27.6%
Sep-19	7,633	720	10.6014	30	35.3%
Oct-19	11,026	744	14.8199	30	49.4%
Nov-19	11,773	720	16.3514	30	54.5%
Dec-19	11,188	744	15.0376	30	50.1%
	117,792	8,760	13.4466	30	44.8%

2020	Net Generation (MWh)	Hours per Month	Net Generation (MW)	Nameplate Capacity (MW)	Capacity Factor
Jan-20	11,762	744	15.8091	30	52.7%
Feb-20	10,109	696	14.5244	30	48.4%
Mar-20	13,219	744	17.7675	30	59.2%
Apr-20	12,882	720	17.8917	30	59.6%
May-20	11,712	744	15.7419	30	52.5%
Jun-20	6,527	720	9.0653	30	30.2%
Jul-20	7,166	744	9.6317	30	32.1%
Aug-20	6,351	744	8.5363	30	28.5%
Sep-20	6,783	720	9.4208	30	31.4%
Oct-20	8,197	744	11.0175	30	36.7%
Nov-20	11,757	720	16.3292	30	54.4%
Dec-20	13,764	744	18.5	30	61.7%
	120,229	8,784	13.6873	30	45.6%

**Block Island Wind Farm**  
EIA.gov - Net Generation/Capacity Factor (actual monthly)

2021	Generation	Month	Generation	Capacity	Factor
Jan-21	11,847	744	15.9234	30	53.1%
Feb-21	11,034	672	16.4196	30	54.7%
Mar-21	9,063	744	12.1815	30	40.6%
Apr-21	10,975	720	15.2431	30	50.8%
May-21	10,723	744	14.4126	30	48.0%
Jun-21	4,594	720	6.3806	30	21.3%
Jul-21	1,434	744	1.9274	30	6.4%
Aug-21	1,532	744	2.0591	30	6.9%
Sep-21	2,550	720	3.5417	30	11.8%
Oct-21	4,609	744	6.1949	30	20.6%
Nov-21	7,334	720	10.1861	30	34.0%
Dec-21	8,513	744	11.4422	30	38.1%
	84,208	8,760	9.6128	30	32.0%

2022	Net Generation (MWh)	Hours per Month	Net Generation (MW)	Nameplate Capacity (MW)	Capacity Factor
Jan-22	11,363	744	15.2728	30	50.9%
Feb-22	11,636	672	17.3155	30	57.7%
Mar-22	12,139	744	16.3159	30	54.4%
Apr-22	5,621	720	7.8069	30	26.0%
May-22	9,644	744	12.9624	30	43.2%
Jun-22	5,791	720	8.0431	30	26.8%
Jul-22	7,378	744	9.9167	30	33.1%
Aug-22	6,072	744	8.1613	30	27.2%
Sep-22	7,882	720	10.9472	30	36.5%
Oct-22	9,396	744	12.629	30	42.1%
Nov-22	10,561	720	14.6681	30	48.9%
Dec-22	13,712	744	18.4301	30	61.4%
	111,195	8,760	12.6935	30	42.3%

<h2>Block Island Wind Farm</h2> <p>EIA.gov - Net Generation/Capacity Factor (actual monthly)</p>
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2017-2021 Years	Net Generation (MWh)	Hours per Month	Net Generation (MW)	Nameplate Capacity (MW)	Capacity Factor
2017	104,351	8,760	11.9122	30	39.7%
2018	117,362	8,760	13.3975	30	44.7%
2019	117,792	8,760	13.4466	30	44.8%
2020	120,229	8,784	13.6873	30	45.6%
2021	84,208	8,760	9.6128	30	32.0%
2022	111,195	8,760	12.6935	30	42.3%
Total:	655,137	52,584	12.4589	30	41.5%
Average:	109,190	8,764	12.4589	30	41.5%

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