

**NorthWestern Energy  
RPS Compliance Forecast**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b><u>Annual RPS Requirement Calculation</u></b>													
Supply Load forecast	5,977,001	6,005,906	6,082,730	6,151,164	6,221,913	6,294,110	6,367,244	6,440,953	6,515,123	6,589,537	6,664,204	6,739,069	6,814,178
RPS (%)	10%	10%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
<b>RPS MWH based on prior year load</b>	<b>593,140</b>	<b>597,700</b>	<b>900,886</b>	<b>912,410</b>	<b>922,675</b>	<b>933,287</b>	<b>944,117</b>	<b>955,087</b>	<b>966,143</b>	<b>977,268</b>	<b>988,431</b>	<b>999,631</b>	<b>1,010,860</b>
<b><u>Wind Resource REC Generation</u></b>													
Judith Gap (135 MW)	510,087	487,649	455,389	475,971	475,971	475,971	475,971	475,971	475,971	475,971	475,971	475,971	475,971
Spion Kop (40MW)	144,150	136,359	127,661	136,057	136,057	136,057	136,057	136,057	136,057	136,057	136,057	136,057	136,057
Musselshell (10 MW)	26,129	26,447	24,055	25,544	25,544	25,544	25,544	25,544	25,544	25,544	25,544	25,544	25,544
Musselshell 2 (10 MW)	30,396	31,139	28,256	29,930	29,930	29,930	29,930	29,930	29,930	29,930	29,930	29,930	29,930
Two Dot Wind Farm (9.72 MW)		17,106	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845
Fairfield (10 MW)		19,972	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605
Greenfield Wind (25 MW)					94,937	94,937	94,937	94,937	94,937	94,937	94,937	94,937	94,937
Gordon Butte (9.6 MW)	41,878	39,432	36,651	40,055	40,055	40,055	40,055	40,055	40,055	40,055	40,055	40,055	40,055
<b>Wind Resource RECs</b>	<b>752,640</b>	<b>758,104</b>	<b>733,462</b>	<b>769,006</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>	<b>863,943</b>
<b><u>Hydro Resource REC Generation</u></b>													
Turnbull (13MW)	29,080	28,354	25,124	28,894	28,894	28,894	28,894	28,894	28,894	28,894	28,894	28,894	28,894
Flint Creek (2 MW)	7,882	11,985	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165
Sleeping Giant Power LLC (8 MW)				0	21,383	42,766	42,766	42,766	42,766	42,766	42,766	42,766	42,766
Lower South Fork (0.5 MW)	608	794	1,292	898	898	898	898	898	898	898	898	898	898
<b>Hydro Resource RECs</b>	<b>37,570</b>	<b>41,133</b>	<b>36,581</b>	<b>39,957</b>	<b>61,340</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>
<b>Total RECs Generated</b>	<b>790,210</b>	<b>799,237</b>	<b>770,043</b>	<b>808,964</b>	<b>925,284</b>	<b>946,667</b>	<b>946,667</b>	<b>946,667</b>	<b>946,667</b>	<b>946,667</b>	<b>946,667</b>	<b>946,667</b>	<b>946,667</b>
<b><u>Annual RPS Compliance Determination</u></b>													
Current Yr RECs	790,210	799,237	770,043	808,964	925,284	946,667	946,667	946,667	946,667	946,667	946,667	946,667	946,667
Prior Yr Carry-Over REC	136,937	334,007	535,543	404,701	301,255	303,864	317,244	319,794	311,374	291,898	261,296	219,532	166,568
Total Available REC	927,147	1,133,244	1,305,586	1,213,664	1,226,538	1,250,531	1,263,910	1,266,461	1,258,041	1,238,564	1,207,963	1,166,199	1,113,235
RPS Requirement	593,140	597,700	900,886	912,410	922,675	933,287	944,117	955,087	966,143	977,268	988,431	999,631	1,010,860
<b>REC Balance / RPS Compliance Determination</b>	<b>334,007</b>	<b>535,543</b>	<b>404,701</b>	<b>301,255</b>	<b>303,864</b>	<b>317,244</b>	<b>319,794</b>	<b>311,374</b>	<b>291,898</b>	<b>261,296</b>	<b>219,532</b>	<b>166,568</b>	<b>102,375</b>

**NorthWestern Energy  
RPS Compliance Forecast**

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
<b><u>Annual RPS Requirement Calculation</u></b>										
Supply Load forecast	6,889,524	6,965,076	7,040,949	7,117,096	7,193,526	7,270,354	7,347,511	7,425,027	7,502,911	7,581,238
RPS (%)	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
<b>RPS MWH based on prior year load</b>	<b>1,022,127</b>	<b>1,033,429</b>	<b>1,044,761</b>	<b>1,056,142</b>	<b>1,067,564</b>	<b>1,079,029</b>	<b>1,090,553</b>	<b>1,102,127</b>	<b>1,113,754</b>	<b>1,125,437</b>
<b><u>Wind Resource REC Generation</u></b>										
Judith Gap (135 MW)	475,971									
Spion Kop (40MW)	136,057	136,057	136,057	136,057	136,057	136,057	136,057	136,057	136,057	136,057
Musselshell (10 MW)	25,544	25,544	25,544	25,544	25,544	25,544	25,544	25,544	25,544	25,544
Musselshell 2 (10 MW)	29,930	29,930	29,930	29,930	29,930	29,930	29,930	29,930	29,930	29,930
Two Dot Wind Farm (9.72 MW)	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845	29,845
Fairfield (10 MW)	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605	31,605
Greenfield Wind (25 MW)	94,937	94,937	94,937	94,937	94,937	94,937	94,937	94,937	94,937	94,937
Gordon Butte (9.6 MW)	40,055	40,055	40,055	40,055	40,055	40,055	40,055	40,055	40,055	40,055
<b>Wind Resource RECs</b>	<b>863,943</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>	<b>387,973</b>
<b><u>Hydro Resource REC Generation</u></b>										
Turnbull (13MW)	28,894	28,894	28,894	28,894	28,894	28,894	28,894			
Flint Creek (2 MW)	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165	10,165
Sleeping Giant Power LLC (8 MW)	42,766	42,766	42,766	42,766	42,766	42,766	42,766	42,766	42,766	42,766
Lower South Fork (0.5 MW)	898	898	898	898	898	898	898	898	898	898
<b>Hydro Resource RECs</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>82,723</b>	<b>53,829</b>	<b>53,829</b>	<b>53,829</b>
<b>Total RECs Generated</b>	<b>946,667</b>	<b>470,696</b>	<b>470,696</b>	<b>470,696</b>	<b>470,696</b>	<b>470,696</b>	<b>470,696</b>	<b>441,802</b>	<b>441,802</b>	<b>441,802</b>
<b><u>Annual RPS Compliance Determination</u></b>										
Current Yr RECs	946,667	470,696	470,696	470,696	470,696	470,696	470,696	441,802	441,802	441,802
Prior Yr Carry-Over REC	102,375	26,915	0	0	0	0	0	0	0	0
Total Available REC	1,049,042	497,611	470,696	470,696	470,696	470,696	470,696	441,802	441,802	441,802
RPS Requirement	1,022,127	1,033,429	1,044,761	1,056,142	1,067,564	1,079,029	1,090,553	1,102,127	1,113,754	1,125,437
<b>REC Balance / RPS Compliance Determination</b>	<b>26,915</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>