

NORTHERN STATES POWER LOAD FORECASTS

LINE ASSUMPTIONS:

- 1 Reserve Margin
- 2 MISO Coincident Peak factor

7.1%
 95.0%

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Peak	9,761	9,873	9,985	10,082	10,180	10,263	10,353	10,415	10,477	10,538	10,593	10,633	10,685	10,738	10,785	10,835	10,886
MISO Coincident Peak Factor	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
Reserve Margin	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%
Obligation	9,931	10,045	10,159	10,258	10,357	10,442	10,534	10,597	10,660	10,722	10,778	10,819	10,871	10,925	10,974	11,024	11,076
GENERATION RESOURCES																	
Coal	2,676	2,676	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423	2,423
Nuclear	1,742	1,742	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812
Gas	3,660	3,660	4,050	4,245	4,441	4,441	4,636	4,636	4,838	4,838	5,447	5,878	6,187	6,289	6,403	6,474	6,212
Wind, Hydro, Bio	1,495	1,351	1,351	1,323	1,248	1,237	1,231	1,356	1,346	1,309	1,220	368	353	309	249	234	226
Solar																	
Load Management	1,058	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067
Total Resources	10,631	10,495	10,703	10,869	10,990	10,979	11,168	11,293	11,485	11,448	11,969	11,547	11,841	11,900	11,953	12,009	12,066
Long (Short)	700	450	543	611	632	537	634	695	825	726	1,190	728	969	975	980	985	990

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Peak	9,305	9,402	9,495	9,581	9,672	9,760	9,839	9,918	9,981	10,031	10,069	10,094	10,117	10,152	10,185	10,218	10,259
Coincident Peak	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
Reserve Margin	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%
Obligation	9,468	9,566	9,661	9,748	9,841	9,930	10,010	10,091	10,155	10,206	10,245	10,270	10,293	10,329	10,363	10,396	10,438
GENERATION RESOURCES																	
Coal	2,752	2,752	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,466	2,466	2,466	2,466	2,466	2,466	2,466
Nuclear	1,657	1,712	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767	1,767
Gas	3,778	3,778	3,778	3,778	3,959	4,155	4,350	4,225	4,225	4,421	4,616	5,321	5,456	5,533	5,569	5,654	5,704
Wind, Hydro, Bio	1,522	1,356	1,357	1,356	1,284	1,257	1,266	1,390	1,382	1,364	1,305	439	434	400	405	362	361
Solar																	
Load Management	1,223	1,236	1,244	1,249	1,244	1,240	1,236	1,231	1,227	1,222	1,218	1,213	1,209	1,205	1,201	1,196	1,193
Resources	10,933	10,834	10,642	10,645	10,750	10,913	11,113	11,109	11,096	11,269	11,371	11,206	11,332	11,371	11,409	11,445	11,491
Long (Short)	1,465	1,268	981	897	909	983	1,103	1,017	940	1,062	1,127	936	1,038	1,042	1,046	1,049	1,053



