

Generation by Fuel Category (MWh)
Case B Preferred: Base Load, Base Fuel, CPP

	2016	2017	2018	2019	2020	2021	2022	2023	2024
Natural Gas	23,779,546	22,741,403	22,475,766	21,740,169	23,712,953	23,632,253	23,355,450	23,400,688	23,319,061
Coal	2,911,590	3,125,980	3,256,737	3,478,967	1,307,103	1,902,665	2,316,476	1,626,451	1,222,327
Renewable Generation	4,377,994	4,996,276	5,268,877	5,328,288	5,368,643	5,345,166	5,324,089	5,826,523	5,863,610
<u>Utility Scale</u>	4,050,994	4,564,276	4,799,877	4,850,288	4,883,643	4,851,166	4,821,089	5,315,523	5,330,610
<u>Distributed</u>	327,000	432,000	469,000	478,000	485,000	494,000	503,000	511,000	533,000
Spot Market Purchases	885,370	1,026,237	1,232,079	1,651,803	1,741,975	1,484,469	1,686,016	1,415,821	1,700,349
<u>Hoover</u>	434,904	434,904	434,904	434,903	434,904	434,904	434,904	434,903	434,904
TOTAL ENERGY	32,389,404	32,324,800	32,668,364	32,634,131	32,565,578	32,799,458	33,116,935	32,704,385	32,540,250
DSM	449,000	682,000	906,000	1,120,000	1,338,000	1,556,000	1,773,000	1,929,000	2,051,000

Generation by Fuel Category (% of Total Energy)
Case B Preferred: Base Load, Base Fuel, CPP

	2016	2017	2018	2019	2020	2021	2022	2023	2024
Natural Gas	73.4%	70.4%	68.8%	66.6%	72.8%	72.1%	70.5%	71.6%	71.7%
Coal	9.0%	9.7%	10.0%	10.7%	4.0%	5.8%	7.0%	5.0%	3.8%
Renewable Generation	13.5%	15.5%	16.1%	16.3%	16.5%	16.3%	16.1%	17.8%	18.0%
<u>Utility Scale</u>	12.5%	14.1%	14.7%	14.9%	15.0%	14.8%	14.6%	16.3%	16.4%
<u>Distributed</u>	1.0%	1.3%	1.4%	1.5%	1.5%	1.5%	1.5%	1.6%	1.6%
Spot Market Purchases	2.7%	3.2%	3.8%	5.1%	5.3%	4.5%	5.1%	4.3%	5.2%
<u>Hoover</u>	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%
TOTAL ENERGY	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DSM	1.4%	2.1%	2.8%	3.4%	4.1%	4.7%	5.4%	5.9%	6.3%

Source: NCARE 2-04 Attachment
Source for NPC Distributed Generation and DSM, Table LF-27, Volume 5.

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
23,436,032	25,003,297	25,497,383	25,895,228	26,131,011	27,007,011	27,463,864	27,291,394	26,285,268	26,282,591	26,590,636	
1,257,840											
6,162,289	6,276,310	6,268,326	6,158,888	6,141,187	5,559,721	5,564,481	5,906,446	7,338,762	7,419,532	7,601,358	
5,620,289	5,726,310	5,709,326	5,591,888	5,565,187	4,975,721	4,971,481	5,304,446	6,729,762	6,801,532	6,975,358	
542,000	550,000	559,000	567,000	576,000	584,000	593,000	602,000	609,000	618,000	626,000	
1,502,749	1,344,989	1,175,311	1,244,835	1,339,510	1,320,872	1,166,205	1,338,419	1,188,354	1,424,837	1,266,157	
434,904	434,904	434,904	434,904	434,904	434,904	434,904	434,904	434,904	434,904	434,904	
32,793,815	33,059,499	33,375,924	33,733,855	34,046,612	34,322,507	34,629,453	34,971,163	35,247,287	35,561,864	35,893,055	
2,164,000	2,264,000	2,348,000	2,415,000	2,481,000	2,549,000	2,617,000	2,685,000	2,749,000	2,806,000	2,854,000	

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
	71.5%	75.6%	76.4%	76.8%	76.8%	78.7%	79.3%	78.0%	74.6%	73.9%	74.1%
	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	18.8%	19.0%	18.8%	18.3%	18.0%	16.2%	16.1%	16.9%	20.8%	20.9%	21.2%
	17.1%	17.3%	17.1%	16.6%	16.3%	14.5%	14.4%	15.2%	19.1%	19.1%	19.4%
	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%
	4.6%	4.1%	3.5%	3.7%	3.9%	3.8%	3.4%	3.8%	3.4%	4.0%	3.5%
	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.2%	1.2%	1.2%	1.2%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	6.6%	6.8%	7.0%	7.2%	7.3%	7.4%	7.6%	7.7%	7.8%	7.9%	8.0%