	Step 1 (Data for Fossil Sources)										Step 2 (HRI)	Step 3a & 3b (Redispatch)			
Base Year	Coal Rate (lb/MWh)	NGCC Rate (lb/MWh)	O/G rate (lb/MWh)	Other Emissions (lbs)	Hist Coal Gen (MWh)	Hist NGCC Gen. (MWh)	Historic OG steam Gen. (MWh)	Other Gen. (MWh)	NGCC Capacity (MW)	Under Construction NGCC Capacity (MW)	Adj. Coal Rate (lbs/MWh)	Redispatched Coal Gen. (MWh)	Redispatch O/G steam Gen. (MWh)	Redispatched NGCC Gen. (MWh)	Other Emissions (lbs)
2012	2,276	827	1,446	789,080,955	28,378,831	15,651,185	860,470	1,310,917	5,588	0	2,140	10,218,693	309,839	34,361,954	789,080,955
2013	2,186	827	1,451	801,046,664	31,859,866	11,094,671	704,937	1,332,141	5,588	0	2,055	9,188,108	203,298	34,268,069	801,046,664
	Historical Emission Rate	Historical Adjusted Rate	Building Block 1	Building Block 2	Building Blocks 1 and 2	Building Blocks 1-3	Building Blocks 1-4								
2012	1,722	1,634	1,638	1,145	1,115	996	910								
2013	1,793	1,698	1,700	1,101	1,074	956	871		72%	78%					
	Hours per year			Historical RE[1]											
2012	8784		2012	1,660,370											
2013	8760		2013	1,653,935											
*Assumption: Changing the base year for historical fossil generation does not effect building blocks 3 and 4															
1. Net Generation by State by Type of Producer by Energy Source (EIA-906, EIA-920, and EIA-923)															

			Step 4a Nuclear*	Step 4b Renewable (MWh)*									
Other Gen. (MWh)	2012 NGCC Capacity Factor	Post Redispatch Assumed NGCC Capacity Factor for Existing Fleet	Nuclear Generation Under Construction and "At Risk" (MWh)	2020 Existing and Incremental RE	2021 Existing and Incremental RE	2022 Existing and Incremental RE	2023 Existing and Incremental RE	2024 Existing and Incremental RE	2025 Existing and Incremental RE	2026 Existing and Incremental RE	2027 Existing and Incremental RE	2028 Existing and Incremental RE	2029 Existing and Incremental RE
1,310,917	32%	70%	842,037	2,288,229	2,479,266	2,686,252	2,910,519	3,153,509	3,416,786	3,702,042	4,011,114	4,345,990	4,708,823
1,332,141	23%	70%	842,037	2,288,229	2,479,266	2,686,252	2,910,519	3,153,509	3,416,786	3,702,042	4,011,114	4,345,990	4,708,823

Step 5 (Demand Side EE - % of avoided MWh sales)*												Step 6&7 (State Goal Phase I & II (lbs/MWh))											
2020 EE Potential	2021 EE Potential	2022 EE Potential	2023 EE Potential	2024 EE Potential	2025 EE Potential	2026 EE Potential	2027 EE Potential	2028 EE Potential	2029 EE Potential (%)	State Generation as % of sales	2012 Total MWh (sales x 1.0751)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	**Interim Goal (2020 - 2029 average)**	**Final Goal (2030 and thereafter)**
1.52%	2.31%	3.24%	4.28%	5.42%	6.46%	7.41%	8.26%	9.03%	9.71%	113.99%	50,378,721	1,028	1,017	1,003	989	974	959	946	933	921	910	968	910
1.52%	2.31%	3.24%	4.28%	5.42%	6.46%	7.41%	8.26%	9.03%	9.71%	113.99%	50,378,725	988	976	963	949	934	920	907	894	883	871	929	871