

## Appendix A: NRDC IPM Run Output Files – Summary Sheet

Below is the summary sheet for NRDC's IPM run output files. The data files are too large to be submitted electronically via regulations.gov, and will be submitted via hand-delivery to the EPA Docket Center.

Appendix A Location	Code	Standard
Part 1	No CPP no CCS	No standard, CPP is repealed, CCS not allowed as retrofit option
Part 1	HRI-1 no CCS	2% Heat Rate Improvement at \$50/kW for coal, no standard on NGCC, CCS not allowed as retrofit option
Part 1	HRI-2 no CCS	4.5% Heat Rate Improvement at \$50/kW for coal, no standard on NGCC, CCS not allowed as retrofit option
Part 1	HRI-3 no CCS	4.5% Heat Rate Improvement at \$100/kW for coal, no standard on NGCC, CCS not allowed as retrofit option
Part 1	No CPP	No standard, CPP is repealed
Part 2	HRI-1	2% Heat Rate Improvement at \$50/kW for coal, no standard on NGCC
Part 2	HRI-2	4.5% Heat Rate Improvement at \$50/kW for coal, no standard on NGCC
Part 2	HRI-3	4.5% Heat Rate Improvement at \$100/kW for coal, no standard on NGCC
Part 3	COF-1	60% co-firing on coal, no standard on NGCC
Part 3	COF-1US	60% co-firing on coal, no standard on NGCC, with national trading
Part 3	CCS-1	90% CCS capture on nearly 60% of coal fleet, no standard on NGCC
Part 3	CCS-2	90% CCS capture on nearly 60% of coal fleet, 90% CCS capture on nearly 60% of existing NGCC fleet, 90% CCS capture on new NGCC
Part 3	COF-GHRI-1	30% co-firing on 60% of coal fleet, NGCC repowering on 40% of coal fleet, 2% heat rate improvement on existing NGCC, 90% capture on new NGCC
Part 3	COF-CCS-1	60% co-firing on coal fleet, 90% CCS capture on nearly 60% of existing NGCC fleet, 90% CCS capture on new NGCC
Part 3	MASS-1	System-wide approach with mass limits equivalent to COF-CCS-1
Part 3	MASS-2	System-wide approach with mass limits equivalent to CCS-2
Part 4	CPP-1	2015 CPP with mass caps on existing and new sources
Part 4	CPP-2	CPP with updated targets for 2018; with a combined tonnage limit for existing and new sources
Part 4	CPP-2EE	CPP with updated targets for 2018; with a combined tonnage limit for existing and new sources; with 1.5% incremental energy efficiency
Part 4	CPP-2LO	CPP with updated targets for 2018; with a combined tonnage limit for existing and new sources; with low oil prices from AEO 2018 low oil case
Part 4	CPP-2NS	CPP with updated targets for 2018; with a tonnage limit for existing sources only and a rate limit for new NGCC plants based on 90% CCS capture