

Planned Updates to IPM v.4.10

I. Updates to Constraints: Constraints to be Included

American Municipal Power Clean Air Act Settlement (May 18, 2010)

<http://www.epa.gov/compliance/resources/cases/civil/caa/americanmunicipalpower.html>

Hoosier Energy Rural Electric Cooperative, Inc. Settlement (July 23, 2010)

<http://www.epa.gov/compliance/resources/cases/civil/caa/hoosier.html>

II. Updates to Constraints: Constraints to be Removed

State of North Carolina v. TVA

Reversed and remanded by US Court of Appeals for the Fourth Circuit (July 26, 2010)

III. Updates to NEEDS Database

Table 1. Planned Revisions to Installed SO₂ Controls

NEEDS Unique ID	Plant Name	Unit ID	Current SO ₂ Control Assumption	Planned Future Revision
465_B_3	Arapahoe	3		Dry Scrubber
465_B_4	Arapahoe	4		Dry Scrubber
469_B_1	Cherokee	1		Dry Scrubber
469_B_1	Cherokee	1		Dry Scrubber
593_B_3	Edge Moor	3		Dry Scrubber
593_B_4	Edge Moor	4		Dry Scrubber
641_B_4	Crist	4		Wet Scrubber
641_B_5	Crist	5		Wet Scrubber
889_B_1	Baldwin Energy Complex	1	Wet Scrubber	Dry Scrubber
889_B_2	Baldwin Energy Complex	2	Wet Scrubber	Dry Scrubber
889_B_3	Baldwin Energy Complex	3	Wet Scrubber	Dry Scrubber
891_B_9	Havana	9		Dry Scrubber
1606_B_1	Mount Tom	1		Dry Scrubber
2549_B_67	C R Huntley Generating Station	67		Dry Scrubber
2549_B_68	C R Huntley Generating Station	68		Dry Scrubber
4158_B_BW44	Dave Johnston	BW44	Dry Scrubber	Wet Scrubber
6041_B_2	H L Spurlock	2	Dry Scrubber	Wet Scrubber
6065_B_1	Iatan	1		Wet Scrubber
6204_B_3	Laramie River Station	3	Wet Scrubber	Dry Scrubber
8223_B_4	Springerville	4	Wet Scrubber	Dry Scrubber
56224_B_001	TS Power Plant	001	Wet Scrubber	Dry Scrubber
4041_B_5	South Oak Creek	5		Wet Scrubber
4041_B_6	South Oak Creek	6		Wet Scrubber
4041_B_7	South Oak Creek	7		Wet Scrubber
4041_B_8	South Oak Creek	8		Wet Scrubber

Table 2. Planned Revisions to Installed NO_x Post-Combustion Controls

NEEDS Unique ID	Plant Name	Unit ID	Current NO _x Post-Combustion Control Assumption	Planned Future Revision
136_B_1	Seminole	1		SCR
136_B_2	Seminole	2		SCR
527_B_1	Nucla	1		SNCR
562_B_2	Middletown	2		SNCR
676_B_3	C D McIntosh Jr	3		SCR
988_B_U1	Tanners Creek	U1		SNCR
988_B_U2	Tanners Creek	U2		SNCR
988_B_U3	Tanners Creek	U3		SNCR
1040_B_1	Whitewater Valley	1		SNCR
1040_B_2	Whitewater Valley	2		SNCR
1355_B_3	E W Brown	3		SCR
1599_B_2	Canal	2		SNCR
1825_B_3	J B Sims	3		SNCR
2094_B_1	Sibley	1		SNCR
2094_B_2	Sibley	2		SNCR
2094_B_3	Sibley	3		SCR
2168_B_MB1	Thomas Hill	MB1		SCR
2168_B_MB2	Thomas Hill	MB2		SCR
2378_B_3	B L England	3	SNCR	SCR
2384_B_8	Deepwater	8		SNCR
2403_B_2	PSEG Hudson Generating Station	2	SCR	SNCR
2527_B_4	AES Greenidge LLC	4	SCR	SNCR
2554_B_2	Dunkirk Generating Station	2		SNCR
2554_B_4	Dunkirk Generating Station	4		SNCR
3405_B_1	John Sevier	1	SCR	SNCR
3405_B_2	John Sevier	2	SCR	SNCR
3405_B_3	John Sevier	3	SCR	SNCR
3405_B_4	John Sevier	4	SCR	SNCR
3406_B_2	Johnsonville	2		SNCR
3406_B_3	Johnsonville	3		SNCR
3406_B_4	Johnsonville	4		SNCR
3497_B_1	Big Brown	1		SNCR
3497_B_2	Big Brown	2		SNCR
3938_B_31	Philip Sporn	31		SNCR
3938_B_41	Philip Sporn	41		SNCR
4054_B_1	Nelson Dewey	1		SNCR
4054_B_2	Nelson Dewey	2		SNCR
4140_B_B4	Alma	B4		SNCR
4140_B_B5	Alma	B5		SNCR
6147_B_1	Monticello	1		SNCR
6147_B_2	Monticello	2		SNCR
6147_B_3	Monticello	3		SNCR
6648_B_4	Sandow	4		SCR
10002_B_CFB	ACE Cogeneration Facility	CFB		SNCR

Table 3. Planned Revisions to Installed PM Controls

NEEDS Unique ID	Plant Name	Unit ID	Current PM Control Assumption	Planned Future Revision
10075_B_3	Taconite Harbor Energy Center	3	ESPC	ESPH
1008_B_1	R Gallagher	1	ESPC	B
1008_B_2	R Gallagher	2	ESPC	B
1008_B_3	R Gallagher	3	ESPC	B
1008_B_4	R Gallagher	4	ESPC	B
1012_B_2	F B Culley	2	ESPC	B
1012_B_3	F B Culley	3	ESPC + B	B
1040_B_1	Whitewater Valley	1	ESPC	ESPC + B
1040_B_2	Whitewater Valley	2	ESPC	ESPC + B
113_B_1	Cholla	1	C + WS	B
113_B_2	Cholla	2	C + WS	WS
113_B_3	Cholla	3	ESPH	B
1357_B_4	Green River	4	ESPC	ESPH
1378_B_1	Paradise	1		WS
1378_B_2	Paradise	2		WS
1385_B_1	Dale	1	ESPH	ESPC
1385_B_2	Dale	2	ESPH	ESPC
1507_B_3	William F Wyman	3	C	ESPH
1507_B_4	William F Wyman	4	ESPC	ESPH
1570_B_11	R Paul Smith Power Station	11	ESPC	ESPC + B
1606_B_1	Mount Tom	1	ESPC	ESPC+B
1769_B_5	Presque Isle	5	B	ESPC + B
1769_B_6	Presque Isle	6	B	ESPC + B
1915_B_1	Allen S King	1	ESPC	B
2098_G_6	Lake Road	6		ESPC
2132_B_3	Blue Valley	3	ESPC	ESPH
2324_B_1	Reid Gardner	1	C	B
2324_B_2	Reid Gardner	2	C	B
2324_B_3	Reid Gardner	3	C	B
2527_B_4	AES Greenidge LLC	4	ESPC + C	B
2549_B_67	C R Huntley Generating Station	67	ESPH + B	B
2549_B_68	C R Huntley Generating Station	68	ESPH + B	B
2554_B_1	Dunkirk Generating Station	1	ESPH + B	B
2554_B_2	Dunkirk Generating Station	2	ESPH + B	B
2554_B_3	Dunkirk Generating Station	3	ESPH + B	B
2554_B_4	Dunkirk Generating Station	4	ESPH + B	B
3297_B_WAT1	Wateree	WAT1	ESPC	B
3297_B_WAT2	Wateree	WAT2	ESPC	B
3944_B_1	Harrison Power Station	1	ESPC + WS	ESPC
3944_B_2	Harrison Power Station	2	ESPC + WS	ESPC
3944_B_3	Harrison Power Station	3	ESPC + WS	ESPC
3992_B_6	Blount Street	6		ESPC
3992_B_6	Blount Street	6		C

NEEDS Unique ID	Plant Name	Unit ID	Current PM Control Assumption	Planned Future Revision
50_B_8	Widows Creek	8		WS
562_B_2	Middletown	2	ESPC	ESPH
6021_B_C1	Craig	C1	ESPH	B
6021_B_C2	Craig	C2	ESPH	B
6041_B_1	H L Spurlock	1	ESPH	ESPC
6041_B_4	H L Spurlock	4	ESPC	B
6065_B_1	Iatan	1	ESPC	B
6165_B_1	Hunter	1	B	ESPC
6165_B_2	Hunter	2	B	ESPC
6178_B_1	Coletto Creek	1	ESPH	B
6181_B_1	J T Deely	1	ESPC	B
6181_B_2	J T Deely	2	ESPC	B
6190_B_1	Rodemacher	1		ESPH
6664_B_101	Louisa	101	B	ESPH + B
7286_B_1	Richard Gorsuch	1	ESPC	ESPH
7286_B_2	Richard Gorsuch	2	ESPC	ESPH
7286_B_3	Richard Gorsuch	3	ESPC	ESPH
7286_B_4	Richard Gorsuch	4	ESPC	ESPH
8069_B_1	Huntington	1	B	ESPC + B
8226_B_1	Cheswick	1	ESPH	ESPC + B
891_B_9	Havana	9	ESPH	ESPH + B
892_B_1	Hennepin Power Station	1	ESPC	ESPC + B
892_B_2	Hennepin Power Station	2	ESPC	ESPC + B
897_B_1	Vermilion	1	ESPC	ESPC + B
897_B_2	Vermilion	2	ESPC	ESPC + B
981_B_4	State Line	4	ESPC	ESPH + B