

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Date Modified: 6/3/2003
By: Abt Associates Inc.
Data Sources: Parsed IPM output for 1d, 2d, 5d, and 6d
 Parsed pre-base case boiler level IPM outputs
Description: Generates information for three facility status changes for the section 316(b) Phase II NODA: closures, repowering, and dispatch of steam units

Key to IPM runs:

1d - Base case with EPA electricity demand growth assumptions
 2d - Base case with AEO electricity demand growth assumptions
 3d - Preferred option with EPA electricity demand growth assumptions
 4d - Waterbody/capacity-based option with AEO electricity demand growth assumptions
 5d - Waterbody/capacity-based option with EPA electricity demand growth assumptions
 6d - Preferred option with AEO electricity demand growth assumptions

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	A	B	C	D
1				
2	EIA Plant Code	EIA Plant Name	NERC	Pre-Run Capacity (MW)
3				=ROUND(VLOOKUP(A3,['P2 Boilers.xls]Plant Type'!\$A\$4:\$R\$534,18,0),0)
534	No new equations through row 533. Values can be found in P2 NODA-Add - Status Changes-N.pdf			

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	E	F
1		
2	1d - Steam Closure (MW)	1d Closure Facilities
3	=ROUND(SUMIF('[P2 NODA-Add Parsed 1d.xls]P2 - 2013'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 1d.xls]P2 - 2013'!\$W\$3:\$W\$2191),0) =IF(AND(E3>0,\$I3="Full Baseline Closure"),\$C3,"")	
534		

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	G	H
1		
2	5d - Steam Closure (MW)	5d Closure Facilities
3	=ROUND(SUMIF('[P2 NODA-Add Parsed 5d.xls]P2 - 2013'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 5d.xls]P2 - 2013'!\$W\$3:\$W\$2191),0)	
534	=IF(AND(G3>0,OR(\$I3="Full Baseline Closure",\$I3="Full Policy Closure")), \$C3, "")	

	I
1	
2	Closure Status
3	=IF(SUM(E3+G3)'=0,"No Change",IF(AND(\$D3'=E3,\$D3'=G3),"Full Baseline Closure",IF(AND(E3'=G3,E3<\$D3),"Partial Baseline Closure",IF(G3'=\$D3,"Full Policy Closure",IF(AND(G3>0,G3>E3),"Partial Policy Closure",IF(AND(E3>0,G3>0,G3<E3),"Partial Avoided Closure",1))))))
534	

	J
1	
2	1d - Repowering (MW)
3	=ROUND(SUMIF('[P2 NODA-Add Parsed 1d.xls]P2 - 2013'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 1d.xls]P2 - 2013'!\$O\$3:\$O\$2191),0)
534	

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	K	L
1		
2	5d - Repowering (MW)	Repower Status
3	=ROUND(SUMIF('[P2 NODA-Add Parsed 5d.xls]P2 - 2013'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 5d.xls]P2 - 2013'!\$O\$3:\$O\$2191),0) =IF(J3'=K3,"No Change","Repower Change")	
534		

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	M	N
1		D
2	Final Status	1d - Steam Capacity Not Dispatched (MW)
3	=IF(I3="No Change",L3,I3)	=SUMIF('[P2 NODA-Add Parsed 1d.xls]P2 - 2013!\$C\$3:\$C\$2191,\$A3,'[P2 NODA-Add Parsed 1d.xls]P2 - 2013!\$Z\$3:\$Z\$2191)
534		

	O	P
1		IPM ID
2	5d - Steam Capacity Not Dispatched (MW)	
3	=SUMIF('[P2 NODA-Add Parsed 5d.xls]P2 - 2013'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 5d.xls]P2 - 2013'!\$Z\$3:\$Z\$2191)	
534		23

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	A	B	C	D
1				
2	EIA Plant Code	EIA Plant Name	NERC	Pre-Run Capacity (MW)
3				=ROUND(VLOOKUP(A3,['P2 Boilers.xls']Plant Type!\$A\$4:\$R\$534,18,0),0)
534	No new equations through row 533. Values can be found in P2 NODA-Add - Status Changes-N.pdf			

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	E	F
1	Closure Status	
2	1d Steam Closure (MW)	5d Steam Closure (MW)
3	=ROUND(SUMIF('[P2 NODA-Add Parsed 1d.xls]P2 - 2008'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 1d.xls]P2 - 2008'!\$W\$3:\$W\$2191),0) =ROUND(SUMIF('[P2 NODA-Add Parsed 5d.xls]P2 - 2008'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 5d.xls]P2 - 2008'!\$W\$3:\$W\$2191),0)	
534		

	G	H
1		IPM ID
2	Closure Status	
3	=IF(SUM(E3+F3)'=0,"No Change",IF(AND(\$D3'=E3,\$D3'=F3),"Full Baseline Closure",IF(AND(E3'=F3,E3<\$D3),"Partial Baseline Closure",IF(F3'=\$D3,"Full Policy Closure",IF(AND(F3>0,F3>E3),"Partial Policy Closure",IF(AND(E3>0,F3>0,F3<E3),"Partial Avoided Closure",1))))))	
534		23

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	A	B	C	D
1				
2	EIA Plant Code	EIA Plant Name	NERC	Pre-Run Capacity (MW)
3				=ROUND(VLOOKUP(A3,['P2 Boilers.xls]Plant Type!\$A\$4:\$R\$534,18,0),0)
534	No new equations through row 533. Values can be found in P2 NODA-Add - Status Changes-N.pdf			

	E	F
1		
2	2d Steam Closure (MW)	2d Closure Facilities
3	<div>=ROUND(SUMIF('[P2 NODA-Add Parsed 2d.xls]P2 - 2010!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 2d.xls]P2 - 2010!\$W\$3:\$W\$2191),0)</div> <div>=IF(AND(E3>0,\$I3="Full Baseline Closure"),\$C3,"")</div>	
534		

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	G	H
1		
2	6d Steam Closure (MW)	6d Closure Facilities
3	<div>=ROUND(SUMIF('[P2 NODA-Add Parsed 6d.xls]P2 - 2010'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 6d.xls]P2 - 2010'!\$W\$3:\$W\$2191),0)</div> <div>=IF(AND(G3>0,OR(\$I3="Full Baseline Closure",\$I3="Full Policy Closure")),\$C3,"")</div>	
534		

	I
1	
2	Closure Status
3	=IF(SUM(E3+G3)'=0,"No Change",IF(AND(\$D3'=E3,\$D3'=G3),"Full Baseline Closure",IF(AND(E3'=G3,E3<\$D3),"Partial Baseline Closure",IF(G3'=\$D3,"Full Policy Closure",IF(AND(G3>0,G3>E3),"Partial Policy Closure",IF(AND(E3>0,G3>0,G3<E3),"Partial Avoided Closure",1))))))
534	

	J	K
1	Repower Status	
2	2d - Repowering (MW)	6d - Repowering (MW)
3	<div><div>=ROUND(SUMIF('[P2 NODA-Add Parsed 2d.xls]P2 - 2010'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 2d.xls]P2 - 2010'!\$O\$3:\$O\$2191),0)</div><div>=ROUND(SUMIF('[P2 NODA-Add Parsed 6d.xls]P2 - 2010'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 6d.xls]P2 - 2010'!\$O\$3:\$O\$2191),0)</div></div>	
534		

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	L	M	N
1			
2	Repower Status	Final Status	2d - Steam Capacity Not Dispatched (MW)
3	=IF(J3=K3,"No Change","Repower Change")	=IF(I3="No Change",L3,I3)	=SUMIF('[P2 NODA-Add Parsed 2d.xls]P2 - 2010!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 2d.xls]P2 - 2010!\$Z\$3:\$Z\$2191)
534			

	O	P
1		IPM ID
2	6d - Steam Capacity Not Dispatched (MW)	
3	=SUMIF('P2 NODA-Add Parsed 6d.xls'P2 - 2010!\$C\$3:\$C\$2191,\$A3,['P2 NODA-Add Parsed 6d.xls'P2 - 2010!\$Z\$3:\$Z\$2191)	
534		

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	A	B	C	D
1				
2	EIA Plant Code	EIA Plant Name	NERC	Pre-Run Capacity (MW)
3				=ROUND(VLOOKUP(A3,['P2 Boilers.xls]Plant Type!\$A\$4:\$R\$534,18,0),0)
534	No new equations through row 533. Values can be found in P2 NODA-Add - Status Changes-N.pdf			

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	E	F
1	Closure Status	
2	2d Steam Closure (MW)	6d Steam Closure (MW)
3	=ROUND(SUMIF('[P2 NODA-Add Parsed 2d.xls]P2 - 2008'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 2d.xls]P2 - 2008!\$W\$3:\$W\$2191),0) =ROUND(SUMIF('[P2 NODA-Add Parsed 6d.xls]P2 - 2008'!\$C\$3:\$C\$2191,\$A3,[P2 NODA-Add Parsed 6d.xls]P2 - 2008!\$W\$3:\$W\$2191),0)	
534		

	G	H
1		IPM ID
2	Closure Status	
3	=IF(SUM(E3+F3)'=0,"No Change",IF(AND(\$D3'=E3,\$D3'=F3),"Full Baseline Closure",IF(AND(E3'=F3,E3<\$D3),"Partial Baseline Closure",IF(F3'=\$D3,"Full Policy Closure",IF(AND(F3>0,F3>E3),"Partial Policy Closure",IF(AND(E3>0,F3>0,F3<E3),"Partial Avoided Closure",1))))))	
534		23

	A	B	C	D	E	F	G
1	Source: All Boilers.xls						
2	Unique Id	Plant ID	Unit ID	Plant Name	NERC Region	Capacity MW	PlantType
3						476	
106							

	H	I	J
1			
2	Capacity 1d (2013)License Closure Capacity (MW)		
3	=VLOOKUP(\$A3,[P2 NODA-Add Parsed 1d.xls]All - 2013!\$B\$3:\$N\$12301,13,0)=VLOOKUP(\$A3,[P2 NODA-Add Parsed 1d.xls]All - 2013!\$B\$3:\$L\$12301,11,0)=ROUND(\$F3,0)-ROUND(I3,0)		
106			

	K	L
1		
2	Capacity 5d (2013)	
3	=VLOOKUP(\$A3,['P2 NODA-Add Parsed 5d.xls]All - 2013!\$B\$3:\$N\$12301,13,0)	
106	=VLOOKUP(\$A3,['P2 NODA-Add Parsed 5d.xls]All - 2013!\$B\$3:\$L\$12301,11,0)	

	M	N	O
1			
2	License Closure Capacity (MW)	Incremental Closure Capacity (MW)	Region of Closures
3	=IF(L3'=0,\$F3,IF(ROUND(\$F3,0)-ROUND(L3+(F3*Y3),0)'=0,0,ROUND(\$F3,0)-ROUND(L3,0)))	=M3-J3	=IF(M3'="", "", \$E3)
106			

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	P	Q	R
1			
2	<div>Capacity 2d (2010)</div> <div>License Closure Capacity (MW)</div>		
3	<div>=VLOOKUP(\$A3,['P2 NODA-Add Parsed 2d.xls]All - 2010!\$B\$3:\$N\$12301,13,0)</div> <div>=VLOOKUP(\$A3,['P2 NODA-Add Parsed 2d.xls]All - 2010!\$B\$3:\$L\$12301,11,0)</div> <div>=ROUND(\$F3,0)-ROUND(Q3,0)</div>		
106			

	S	T
1		
2	Capacity 6d (2010)	
3	=VLOOKUP(\$A3,['P2 NODA-Add Parsed 6d.xls]All - 2010!\$B\$3:\$N\$12301,13,0)	=VLOOKUP(\$A3,['P2 NODA-Add Parsed 6d.xls]All - 2010!\$B\$3:\$L\$12301,11,0)
106		

	U	V	W
1			
2	License Closure Capacity (MW)	Incremental Closure Capacity (MW)	Region of Closures
3	=ROUND(\$F3,0)-ROUND(T3,0)	=U3-R3	=IF(U3="", "", \$E3)
106			

Record for the Section 316(b) Phase II Existing Facilities Notice of Data Availability Addendum

	X	Y	Z
1			
2	Flag for Nuclear Life Extension Changes (1d)	Energy Penalty Under 5d	Flag for Nuclear Life Extension Changes (5d)
3	=IF(AND(J3'=0,ROUND(\$F3,0)'=ROUND(I3,0)),0,IF(AND(I3'=0,ROUND(\$F3,0)'=ROUND(J3,0)),0,1))		
106	=IF(AND(M3'=0,ROUND(\$F3,0)'=ROUND(L3+(F3*Y3),0)),0,IF(AND(L3'=0,ROUND(\$F3,0)'=ROUND(M3,0)),0,1))		

	AA	AB	AC
1	Flag for Nuclear Life Extension Changes (2d) Flag for Nuclear Life Extension Changes (6d)		
2			UNIQUE IPM ID
3	=IF(AND(R3'=0,ROUND(F3,0)'=ROUND(Q3,0)),0,IF(AND(Q3'=0,ROUND(F3,0)'=ROUND(R3,0)),0,1))		
106	=IF(AND(U3'=0,ROUND(\$F3,0)'=ROUND(T3,0)),0,IF(AND(T3'=0,ROUND(\$F3,0)'=ROUND(U3,0)),0,1))		1198_7100