

APPENDIX I

**GENERATION CHANGES ASSUMED
FOR THERMAL ANALYSIS**

This page is intentionally left blank

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<- GENERATOR MW-->					<----- GENERATOR MW --->				
	BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE	
DYSINGER EAST, WEST CENTRAL									
158737	NANTICG2	500	550	50	126251 ER G6	120	116.5	-3.5	
160702	LAMBTNG1	490	540	50	126252 ER G7	164	160.5	-3.5	
					126653 AK 2	312	292	-20	
					126655 AST 4	297.2	277.2	-20	
					126656 AST 5	183	163	-20	
					126657 RAV 1	320	300	-20	
					129024 NRTPTG1	296.1	283.1	-13	
UPNY - CONED									
158737	NANTICG2	500	515	15	126251 ER G6	120	116.5	-3.5	
160702	LAMBTNG1	490	505	15	126252 ER G7	164	160.5	-3.5	
135390	DUNKGEN3	170	175	5	126653 AK 2	312	292	-20	
135801	HNTLY68G	180	185	5	126655 AST 4	297.2	277.2	-20	
136701	9M PT 1G	646	696	50	126656 AST 5	183	163	-20	
147765	MOS19-20	114	124	10	126657 RAV 1	320	300	-20	
					129024 NRTPTG1	296.1	283.1	-13	
SPRAIN BROOK DUNWOODIE - SOUTH									
158737	NANTICG2	500	515	15	126652 RAV 3	846	806	-40	
160702	LAMBTNG1	490	505	15	126655 AST 4	217.2	187.2	-30	
135390	DUNKGEN3	170	175	5	126657 RAV 1	320	290	-30	
135801	HNTLY68G	180	185	5					
136701	9M PT 1G	646	696	50					
147765	MOS19-20	114	124	10					
CONED - LIPA									
125190	ROSE GN1	407.5	424.5	17	129024 NRTPTG1	296.1	278.1	-18	
126251	ER G6	120	122.5	2.5	129026 NRTPTG3	267.9	249.9	-18	
126252	ER G7	164	166.5	2.5	129027 NRTPTG4	251.1	233.1	-18	
126652	RAV 3	846	871	25	129093 PTJFEG4	140	104	-36	
126655	AST 4	297.2	304.7	7.5	147821 NYPA108	40	30	-10	
126656	AST 5	183	190.5	7.5					
126657	RAV 1	320	336	16					
146840	BOW2	585	593.5	8.5					
147788	POLETGT2	160	173.5	13.5					
CENTRAL EAST, TOTAL EAST									
158737	NANTICG2	500	515	15	126251 ER G6	120	116.5	-3.5	
160702	LAMBTNG1	490	505	15	126252 ER G7	164	160.5	-3.5	
135390	DUNKGEN3	170	175	5	126653 AK 2	312	292	-20	
135801	HNTLY68G	180	185	5	126655 AST 4	297.2	277.2	-20	
136701	9M PT 1G	646	696	50	126656 AST 5	183	163	-20	
147765	MOS19-20	114	124	10	126657 RAV 1	320	300	-20	
					129024 NRTPTG1	296.1	283.1	-13	

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<--- GENERATOR MW-->					<----- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE	
MOSES SOUTH									
147763	MOS17-18	91.7	141.7	50	126652	RAV 3	846	836	-10
147766	MOS21-22	114	164	50	126655	AST 4	297.2	287.2	-10
					126656	AST 5	183	173	-10
					135390	DUNKGEN3	170	160	-10
					135801	HNTLY68G	180	170	-10
NY - ONTARIO									
125190	ROSE GN1	407.5	426.4	18.9	156662	DARL G2	910	885	-25
126650	AK 3	404	419	15	156663	DARL G3	910	885	-25
126684	YORK G1	10	11.6	1.6	156664	DARL G4	910	885	-25
126685	YORK G2	10	11.6	1.6	156682	PIC B G5	520	495	-25
130873	KINTIG24	600	605.2	5.2					
136702	OSWGO 5G	750	759.5	9.5					
136703	OSWGO 6G	0	29.1	29.1					
136704	OCWE GEN	36.9	38.3	1.4					
136823	KAMINEGT	0	2.3	2.3					
136824	KAMINEST	0	1.6	1.6					
147777	GILBOA#1	290	291.4	1.4					
147779	GILBOA#3	255.3	259.7	4.4					
147796	POLETTI	657	665	8					
ONTARIO - NY									
155712	LENNOXG1	520	545	25	126650	AK 3	404	398	-6
155713	LENNOXG2	525	550	25	126657	RAV 1	320	311	-9
155715	LENNOXG4	520	545	25	130873	KINTIG24	600	588	-12
160716	WEST WG1	80	105	25	131313	GRNIDG 3	57	55.8	-1.2
					131314	GRNIDG 4	99	96.6	-2.4
					131461	MILKN 2	156	152.4	-3.6
					131462	MILKN 1	156	152.4	-3.6
					135391	DUNKGEN4	170	166.4	-3.6
					135800	HNTLY67G	180	174	-6
					136200	GERES LK	157.5	154.5	-3
					136703	OSWGO 6G	0	-18	-18
					136715	SITH-G1	115	112.6	-2.4
					136716	SITH-G2	115	112.6	-2.4
					136717	SITH-G3	115	112.6	-2.4
					136718	SITH-G4	115	112.6	-2.4
					136719	SITH-S5	145	142.6	-2.4
					136720	SITH-S6	145	142.6	-2.4
					137458	ATHENSC2	190	185.9	-4.1
					137459	ATHENSS2	105	103.1	-1.9
					137713	BETHGT3	155	150.8	-4.2
					146841	BOW1	585	581.4	-3.6
					147796	POLETTI	657	653.4	-3.6

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->				<----- OPPOSING SYSTEM ----->										
<- GENERATOR MW-->				<----- GENERATOR MW --->										
BUS NAME		BASE	SHIFT	CHANGE	BUS NAME		BASE	SHIFT	CHANGE					
NY - NE														
125190	ROSE GN1	409.1	439.1	20	101063	MYST G7	500	475	-25					
125193	DANSK G4	240	270	20	101252	CANAL G2	576	546	-30					
126655	AST 4	292.9	300.4	10	102868	NWNGT G1	422	397	-25					
126656	AST 5	183	190.5	5	103563	MILL#3	1260	1240	-20					
137711	BETHGT1	155	158	5										
137713	BETHGT3	155	158	5										
137714	BETH STM	253	257	5										
146840	BOW2	585	600	10										
NE - NY														
101063	MYST G7	500	525	25	125190	ROSE GN1	407.5	377.5	-30					
101252	CANAL G2	576	606	30	125193	DANSK G4	240	235	-5					
102868	NWNGT G1	422	447	25	125194	DANSK G3	136	121	-15					
103563	MILL#3	1260	1280	20	137711	BETHGT1	155	152	-3					
					137713	BETHGT3	155	152	-3					
					137714	BETH STM	253	249	-4					
					146840	BOW2	585	570	-15					
					147777	GILBOA#1	290	265	-25					
NY - PJM														
125190	ROSE GN1	597.8	625.6	27.8	Scale shift to all PJM generation									
126652	RAV 3	846	862.7	16.7										
135392	DUNK115G	160	171.1	11.1										
136701	9M PT 1G	646	679.3	33.3										
137711	BETHGT1	155	158.3	3.3										
137713	BETHGT3	155	158.3	3.3										
137714	BETH STM	253	257.4	4.4										
125190	ROSE GN1	597.8	625.6	27.8										
126652	RAV 3	846	862.7	16.7										
135392	DUNK115G	160	171.1	11.1										
136701	9M PT 1G	646	679.3	33.3										
137711	BETHGT1	155	158.3	3.3										
PJM - NY														
Scale shift from all PJM generation										125190	ROSE GN1	267.7	247.7	-20
					126652	RAV 3	833	813	-20					
					130873	KINTIG24	425.4	405.4	-20					
					135390	DUNGEN3	170	165	-5					
					135801	HNTLY68G	180	175	-5					
					147797	JAFITZ1G	882	852	-30					

This page is intentionally left blank