

# Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion																
Generator Data																									12/04/2024			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	86.07	84.90	84.19	72.12	76.11	67.70	99.52	138.67	79.09	63.44	54.94	69.25	61.05	58.52	60.16	135.76	61.84	78.05	98.99	82.07	80.03	158.63	100.35	127.29			
		5.51	5.32	5.20	4.36	4.80	4.77	6.82	5.61	3.53	4.67	4.88	6.02	5.11	4.99	4.57	3.54	5.04	7.16	8.50	6.97	6.65	13.31	8.07	9.66			
		0.00	0.00	0.00	-4.15	0.00	0.00	0.00	-6.75	-70.35	-36.91	-8.86	0.00	0.00	0.00	0.00	-9.59	-97.84	-8.77	-1.51	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	86.05	84.87	84.15	72.09	76.06	67.67	99.43	138.62	79.05	63.36	54.83	69.10	60.94	58.42	60.05	135.64	61.64	77.91	98.85	82.00	79.95	158.48	100.27	127.20			
		5.50	5.29	5.17	4.33	4.76	4.74	6.73	5.55	3.49	4.59	4.77	5.86	5.01	4.89	4.46	3.49	4.94	7.05	8.36	6.90	6.57	13.16	7.99	9.57			
		0.00	0.00	0.00	-4.15	0.00	0.00	0.00	-6.75	-70.36	-36.92	-8.87	0.00	0.00	0.00	0.00	-9.59	-97.77	-8.66	-1.49	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	86.05	84.87	84.15	72.09	76.06	67.67	99.43	138.62	79.05	63.36	54.83	69.10	60.94	58.42	60.05	135.64	61.64	77.91	98.85	82.00	79.95	158.48	100.27	127.20			
		5.50	5.29	5.17	4.33	4.76	4.74	6.73	5.55	3.49	4.59	4.77	5.86	5.01	4.89	4.46	3.49	4.94	7.05	8.36	6.90	6.57	13.16	7.99	9.57			
		0.00	0.00	0.00	-4.15	0.00	0.00	0.00	-6.75	-70.36	-36.92	-8.87	0.00	0.00	0.00	0.00	-9.59	-97.77	-8.66	-1.49	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	85.78	85.12	84.23	73.53	76.35	67.68	113.47	160.67	89.74	64.99	53.55	67.32	59.31	57.10	61.94	162.64	62.16	75.23	98.06	81.20	79.27	156.51	99.02	125.79			
		5.23	5.53	5.25	4.32	5.05	4.75	7.14	5.07	2.86	3.51	3.50	4.08	3.38	3.57	3.41	2.61	4.12	5.94	7.57	6.09	5.89	11.19	6.74	8.15			
		0.00	0.00	0.00	-5.60	0.00	0.00	0.00	-20.38	-92.90	-48.24	-11.59	0.00	0.00	0.00	0.00	-12.53	-125.65	-10.01	0.07	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	86.19	85.57	84.65	73.84	76.75	68.11	114.24	161.12	89.95	65.17	53.90	67.64	59.48	57.37	62.25	162.96	62.66	75.88	98.97	81.90	79.93	157.84	99.84	126.51			
		5.64	5.98	5.67	4.63	5.44	5.19	7.84	5.46	3.04	3.67	3.84	4.40	3.55	3.84	3.71	2.86	4.61	6.59	8.48	6.79	6.55	12.52	7.56	8.88			
		0.00	0.00	0.00	-5.60	0.00	0.00	0.00	-20.45	-92.96	-48.27	-11.59	0.00	0.00	0.00	0.00	-12.54	-125.72	-10.01	0.08	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	85.78	85.12	84.23	73.53	76.35	67.68	113.47	160.67	89.74	64.99	53.55	67.32	59.31	57.10	61.94	162.64	62.16	75.23	98.06	81.20	79.27	156.51	99.02	125.79			
		5.23	5.53	5.25	4.32	5.05	4.75	7.14	5.07	2.86	3.51	3.50	4.08	3.38	3.57	3.41	2.61	4.12	5.94	7.57	6.09	5.89	11.19	6.74	8.15			
		0.00	0.00	0.00	-5.60	0.00	0.00	0.00	-20.38	-92.90	-48.24	-11.59	0.00	0.00	0.00	0.00	-12.53	-125.65	-10.01	0.07	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	86.38	85.66	84.94	73.89	76.77	68.22	109.56	157.59	88.23	64.73	53.88	67.61	59.50	57.17	61.71	158.57	61.51	74.71	97.12	80.48	78.98	155.87	99.28	126.95			
		5.83	6.07	5.95	4.89	5.47	5.29	7.25	5.13	2.92	3.62	3.82	4.37	3.56	3.63	3.59	2.49	3.70	5.26	6.63	5.38	5.60	10.54	7.00	9.32			
		0.00	0.00	0.00	-5.39	0.00	0.00	0.00	-16.37	-89.76	-46.66	-11.21	0.00	0.00	0.00	0.00	-12.12	-121.69	-9.77	-0.07	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	82.96	82.29	81.76	71.55	74.04	65.34	103.31	155.38	87.10	63.07	51.69	65.09	57.45	55.05	59.76	157.96	59.43	71.59	93.14	77.26	75.57	149.90	95.08	121.13			
		2.41	2.70	2.77	2.50	2.74	2.41	3.29	2.23	1.45	1.88	1.64	1.85	1.52	1.52	1.55	1.16	1.67	2.32	2.65	2.16	2.19	4.58	2.80	3.50			
		0.00	0.00	0.00	-5.44	0.00	0.00	0.00	-14.07	-90.44	-47.01	-11.29	0.00	0.00	0.00	0.00	-12.21	-122.42	-9.73	0.10	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	80.39	79.20	78.57	63.29	70.77	62.44	84.75	61.62	38.00	49.30	49.57	62.72	55.77	53.31	45.43	33.76	47.08	68.05	89.38	74.16	72.42	143.55	91.63	117.10			
		-0.16	-0.38	-0.42	-0.32	-0.53	-0.49	-1.20	-1.08	-0.63	-0.60	-0.49	-0.51	-0.17	-0.22	-0.57	-0.62	-0.95	-1.32	-1.11	-0.94	-0.95	-1.77	-0.65	-0.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	84.27	83.57	83.10	72.42	75.21	66.33	102.93	154.57	86.66	63.41	52.18	65.72	58.15	55.76	60.09	156.08	59.98	72.72	94.55	78.44	76.70	152.06	96.41	122.98			
		3.72	3.99	4.12	3.49	3.90	3.41	4.69	3.28	1.94	2.44	2.12	2.49	2.22	2.23	2.12	1.60	2.34	3.35	4.06	3.34	3.33	6.74	4.13	5.35			
		0.00	0.00	0.00	-5.32	0.00	0.00	0.00	-12.29	-88.59	-46.08	-11.07	0.00	0.00	0.00	0.00	-11.97	-120.09	-9.60	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	84.25	83.55	83.08	72.40	75.18	66.31	102.88	154.54	86.65	63.40	52.16	65.71	58.13	55.74	60.06	156.07	59.96	72.69	94.50	78.41	76.68	151.96	96.40	122.94			
		3.70	3.96	4.09	3.47	3.87	3.38	4.65	3.23	1.92	2.43	2.11	2.47	2.19	2.21	2.09	1.58	2.32	3.32	4.01	3.31	3.30	6.64	4.12	5.31			
		0.00	0.00	0.00	-5.32	0.00	0.00	0.00	-12.29	-88.61	-46.09	-11.07	0.00	0.00	0.00	0.00	-11.97	-120.11	-9.61	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EST	82.96	82.29	81.76	71.55	74.04	65.34	103.31	155.38	87.10	63.07	51.69	65.09	57.45	55.05	59.76	157.96	59.43	71.59	93.14	77.26	75.57	149.90	95.08	121.13			
		2.41	2.70	2.77	2.50	2.74	2.41	3.29	2.23	1.45	1.88	1.64	1.85	1.52	1.52	1.55	1.16	1.67	2.32	2.65	2.16	2.19	4.58	2.80	3.50			
		0.00	0.00	0.00	-5.44	0.00	0.00	0.00	-14.07	-90.44	-47.01	-11.29	0.00	0.00	0.00	0.00	-12.21	-122.42	-9.73	0.10	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.31 3.29 -14.07	155.38 2.23 -90.44	87.10 1.45 -47.01	63.07 1.88 -11.29	51.69 1.64 0.00	65.09 1.85 0.00	57.45 1.52 0.00	55.05 1.52 0.00	59.76 1.55 -12.21	157.96 1.16 -122.42	59.43 1.67 -9.73	71.59 2.32 0.10	93.14 2.65 0.00	77.26 2.16 0.00	75.57 2.19 0.00	149.90 4.58 0.00	95.08 2.80 0.00	121.13 3.50 0.00
ALBANY___3 23573	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.31 3.29 -14.07	155.38 2.23 -90.44	87.10 1.45 -47.01	63.07 1.88 -11.29	51.69 1.64 0.00	65.09 1.85 0.00	57.45 1.52 0.00	55.05 1.52 0.00	59.76 1.55 -12.21	157.96 1.16 -122.42	59.43 1.67 -9.73	71.59 2.32 0.10	93.14 2.65 0.00	77.26 2.16 0.00	75.57 2.19 0.00	149.90 4.58 0.00	95.08 2.80 0.00	121.13 3.50 0.00
ALBANY___4 23574	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.31 3.29 -14.07	155.38 2.23 -90.44	87.10 1.45 -47.01	63.07 1.88 -11.29	51.69 1.64 0.00	65.09 1.85 0.00	57.45 1.52 0.00	55.05 1.52 0.00	59.76 1.55 -12.21	157.96 1.16 -122.42	59.43 1.67 -9.73	71.59 2.32 0.10	93.14 2.65 0.00	77.26 2.16 0.00	75.57 2.19 0.00	149.90 4.58 0.00	95.08 2.80 0.00	121.13 3.50 0.00
ALBANY___LFGE 323615	83.71 3.16 0.00	83.01 3.43 0.00	82.48 3.49 0.00	72.14 3.05 -5.48	74.65 3.34 0.00	65.93 3.00 0.00	106.06 4.19 -15.93	156.81 2.93 -91.17	87.87 1.86 -47.37	63.66 2.38 -11.38	52.21 2.15 0.00	65.77 2.53 0.00	58.06 2.13 0.00	55.66 2.13 0.00	60.36 2.06 -12.31	159.30 1.54 -123.38	60.08 2.24 -9.81	72.42 3.14 0.09	94.20 3.71 0.00	78.11 3.01 0.00	76.40 3.02 0.00	151.40 6.08 0.00	96.00 3.72 0.00	122.30 4.67 0.00
ALCOA_PA_115KV_PL-6C 55860	80.75 0.20 0.00	79.44 -0.15 0.00	78.79 -0.20 0.00	63.46 -0.14 0.00	70.95 -0.35 0.00	62.56 -0.37 0.00	84.79 -1.15 0.00	61.60 -1.10 0.00	38.00 -0.64 0.00	49.33 -0.58 0.00	49.65 -0.41 0.00	62.80 -0.43 0.00	55.86 -0.07 0.00	53.41 -0.12 0.00	45.51 -0.49 0.00	33.81 -0.57 0.00	47.11 -0.92 0.00	68.05 -1.32 0.00	89.40 -1.09 0.00	74.19 -0.91 0.00	72.43 -0.94 0.00	143.64 -1.68 0.00	91.78 -0.50 0.00	117.37 -0.26 0.00
ALCOA_RYNLDS___DRP 24188	80.75 0.20 0.00	79.44 -0.15 0.00	78.79 -0.20 0.00	63.46 -0.14 0.00	70.95 -0.35 0.00	62.56 -0.37 0.00	84.79 -1.15 0.00	61.60 -1.10 0.00	38.00 -0.64 0.00	49.33 -0.58 0.00	49.65 -0.41 0.00	62.80 -0.43 0.00	55.86 -0.07 0.00	53.41 -0.12 0.00	45.51 -0.49 0.00	33.81 -0.57 0.00	47.11 -0.92 0.00	68.05 -1.32 0.00	89.40 -1.09 0.00	74.19 -0.91 0.00	72.43 -0.94 0.00	143.64 -1.68 0.00	91.78 -0.50 0.00	117.37 -0.26 0.00
ALCOA___DSASP 323711	80.76 0.20 0.00	79.44 -0.15 0.00	78.79 -0.20 0.00	63.46 -0.14 0.00	70.95 -0.35 0.00	62.56 -0.37 0.00	84.79 -1.15 0.00	61.61 -1.09 0.00	38.00 -0.64 0.00	49.33 -0.57 0.00	49.64 -0.42 0.00	62.81 -0.43 0.00	55.86 -0.07 0.00	53.41 -0.12 0.00	45.51 -0.49 0.00	33.83 -0.55 0.00	47.11 -0.92 0.00	68.05 -1.32 0.00	89.41 -1.08 0.00	74.19 -0.92 0.00	72.43 -0.95 0.00	143.64 -1.68 0.00	91.78 -0.50 0.00	117.38 -0.26 0.00
ALLEGHENY___COGEN 23514	76.50 -2.55 1.51	76.10 -2.92 0.57	74.66 -3.52 0.81	58.04 -3.16 2.41	62.91 -4.60 3.80	52.61 -5.65 4.66	68.05 -9.04 8.86	48.68 -6.00 8.02	35.83 -3.58 -0.77	44.51 -5.05 0.35	51.71 -5.61 -7.26	58.33 -7.75 -2.85	43.93 -5.61 6.39	46.66 -6.20 0.68	27.66 -5.07 13.26	11.27 -3.54 19.57	63.23 -4.75 -19.95	107.22 -7.40 -45.25	76.93 -8.50 5.06	85.76 -3.01 -13.66	100.43 -3.16 -30.21	154.87 -7.80 -17.35	81.32 -5.39 5.58	73.62 -6.66 37.35
ALTAMONT_115KV_TB 2 55880	83.21 2.66 0.00	82.48 2.89 0.00	81.95 2.96 0.00	71.57 2.52 -5.43	74.09 2.79 0.00	65.35 2.43 0.00	102.11 3.43 -12.73	155.59 2.50 -90.38	87.17 1.55 -46.98	63.15 1.97 -11.28	51.90 1.85 0.00	65.42 2.19 0.00	57.78 1.85 0.00	55.35 1.82 0.00	59.97 1.76 -12.20	158.00 1.33 -122.29	59.60 1.88 -9.69	71.90 2.68 0.16	93.67 3.18 0.00	77.74 2.64 0.00	76.02 2.64 0.00	150.54 5.21 0.00	95.48 3.20 0.00	121.72 4.09 0.00
ALTONA_WT_PWR 323606	80.72 0.17 0.00	79.54 -0.05 0.00	78.79 -0.20 0.00	63.64 0.03 0.00	70.70 -0.61 0.00	62.35 -0.58 0.00	83.85 -2.10 0.00	60.47 -2.23 0.00	37.52 -1.12 0.00	48.60 -1.31 0.00	49.08 -0.97 0.00	61.56 -1.68 0.00	55.63 -0.30 0.00	53.87 0.33 0.00	45.55 -0.45 0.00	33.15 -1.23 0.00	46.52 -1.51 0.00	67.29 -2.08 0.00	89.54 -0.94 0.00	74.50 -0.60 0.00	72.18 -1.20 0.00	143.05 -2.27 0.00	91.75 -0.53 0.00	116.76 -0.87 0.00
AMERICAN_REF_FUEL 24010	64.00 -7.06 9.49	68.90 -7.06 3.63	66.11 -7.78 5.10	52.87 -6.42 4.32	48.99 -6.86 15.45	42.35 -6.02 14.56	66.18 -9.47 10.30	25.85 -7.27 29.59	20.43 -4.54 13.67	43.08 -6.34 0.48	35.16 -6.58 8.32	36.09 -7.82 19.33	40.80 -7.05 8.08	31.21 -6.63 15.69	23.45 -5.65 16.89	16.92 -4.09 13.37	22.41 -5.29 20.33	34.62 -7.59 27.16	45.67 -9.81 35.01	31.05 -7.95 36.10	30.59 -7.96 34.83	73.26 -17.60 54.46	65.75 -11.19 15.34	78.50 -12.92 26.21
ARKWRIGHT___SUMMIT_WT_PWR 323751	64.43 -4.83 11.29	70.25 -5.02 4.31	66.93 -5.99 6.06	53.30 -5.08 5.24	47.42 -5.48 18.40	40.86 -4.70 17.36	66.81 -6.56 12.57	20.97 -5.18 36.56	18.59 -3.54 16.51	35.35 -5.13 9.43	7.41 -5.45 37.20	8.54 -6.65 48.05	35.26 -6.39 14.29	28.98 -6.13 18.42	20.52 -5.23 20.24	14.04 -3.61 16.72	19.94 -4.68 23.41	32.09 -6.86 30.42	40.47 -8.56 41.46	26.03 -7.14 41.93	26.42 -7.22 39.74	67.68 -14.73 62.92	61.41 -9.28 21.58	76.21 -9.61 31.80
ARTHUR KILL_GT_1 23520	84.92 4.36 0.00	83.72 4.14 0.00	82.99 4.01 0.00	69.26 3.44 -2.21	72.71 3.52 2.12	67.01 4.08 0.00	93.96 5.45 -2.57	132.52 4.65 -65.17	78.60 3.04 -36.92	62.86 4.09 -8.87	54.26 4.20 0.00	68.17 4.93 0.00	54.08 4.09 5.94	54.30 4.02 3.26	57.98 3.70 -8.28	133.04 2.99 -95.68	57.84 4.17 -5.64	70.46 5.86 4.77	97.42 6.93 0.00	80.86 5.76 0.00	78.85 5.47 0.00	156.34 11.01 0.00	98.10 6.56 0.74	120.52 8.04 5.15
ARTHUR_KILL_2 23512	84.67 4.12 0.00	83.49 3.90 0.00	82.76 3.77 0.00	69.08 3.27 -2.21	72.49 3.31 2.12	66.82 3.89 0.00	93.69 5.17 -2.57	132.29 4.42 -65.17	78.47 2.91 -36.92	62.71 3.94 -8.87	54.12 4.06 0.00	68.00 4.76 0.00	53.91 3.92 5.94	54.13 3.86 3.26	57.84 3.57 -8.28	132.93 2.88 -95.68	57.69 4.01 -5.64	70.20 5.61 4.77	97.10 6.61 0.00	80.60 5.50 0.00	78.58 5.20 0.00	155.84 10.52 0.00	97.82 6.28 0.74	120.15 7.67 5.15
ARTHUR_KILL_3 23513	84.87 4.32 0.00	83.74 4.16 0.00	83.03 4.05 0.00	69.22 3.40 -2.21	72.89 3.71 2.12	66.82 3.89 0.00	94.00 5.48 -2.57	132.47 4.60 -65.16	78.47 2.92 -36.92	62.65 3.88 -8.87	54.14 4.08 0.00	68.17 4.93 0.00	54.16 4.16 5.93	54.37 4.09 3.25	58.07 3.78 -8.28	134.79 2.98 -97.43	59.45 4.21 -7.20	70.73 5.95 4.59	97.44 6.96 0.00	80.89 5.79 0.00	78.90 5.52 0.00	156.45 11.13 0.00	98.22 6.68 0.74	120.41 7.93 5.15

ARTHUR_KILL_COGEN 323718	84.92 4.36 0.00	83.72 4.14 0.00	82.99 4.01 0.00	69.26 3.44 -2.21	72.71 3.52 2.12	67.01 4.08 0.00	93.96 5.45 -2.57	132.52 4.65 -65.17	78.60 3.04 -36.92	62.86 4.09 -8.87	54.26 4.20 0.00	68.17 4.93 0.00	54.08 4.09 5.94	54.30 4.02 3.26	57.98 3.70 -8.28	133.04 2.99 -95.68	57.84 4.17 -5.64	70.46 5.86 4.77	97.42 6.93 0.00	80.86 5.76 0.00	78.85 5.47 0.00	156.34 11.01 0.00	98.10 6.56 0.74	120.52 8.04 5.15
ASHOKAN____ 23654	87.83 7.28 0.00	86.86 7.27 0.00	86.20 7.22 0.00	74.42 5.98 -4.83	78.19 6.88 0.00	69.36 6.43 0.00	105.53 9.16 -10.42	150.58 6.90 -80.97	85.04 4.15 -42.26	65.28 5.23 -10.15	55.10 5.05 0.00	69.63 6.39 0.00	61.63 5.70 0.00	58.95 5.42 0.00	61.71 4.74 -10.98	148.74 3.70 -110.66	62.98 5.82 -9.13	78.45 8.58 -0.51	101.11 10.63 0.00	83.79 8.69 0.00	81.61 8.23 0.00	161.21 15.89 0.00	101.69 9.41 0.00	128.87 11.24 0.00
ASTORIA_EAST_ENERGY_CC1 323581	85.46 4.90 0.00	84.43 4.85 0.00	83.73 4.74 0.00	71.72 3.96 -4.15	75.50 4.20 0.00	67.24 4.31 0.00	98.66 5.92 -6.80	138.41 5.04 -70.67	78.72 3.13 -36.95	62.84 4.07 -8.87	54.33 4.27 0.00	68.54 5.30 0.00	60.52 4.59 0.00	58.08 4.55 0.00	59.70 4.11 -9.59	135.39 3.20 -97.82	61.10 4.35 -8.72	77.19 6.32 -1.50	97.69 7.20 0.00	81.15 6.04 0.00	79.15 5.77 0.00	157.44 12.12 0.00	99.53 7.25 0.00	126.25 8.62 0.00
ASTORIA_EAST_ENERGY_CC2 323582	85.51 4.96 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.76 4.00 -4.15	75.54 4.24 0.00	67.26 4.33 0.00	98.65 5.91 -6.80	138.41 5.04 -70.67	78.72 3.13 -36.95	62.84 4.07 -8.87	54.33 4.27 0.00	68.53 5.29 0.00	60.49 4.56 0.00	58.06 4.53 0.00	59.70 4.11 -9.59	135.39 3.20 -97.82	61.10 4.34 -8.72	77.19 6.32 -1.50	97.69 7.20 0.00	81.15 6.04 0.00	79.15 5.77 0.00	157.49 12.17 0.00	99.54 7.26 0.00	126.26 8.63 0.00
ASTORIA_GT2_1 24094	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT2_2 24095	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT2_3 24096	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT2_4 24097	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT3_1 24098	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT3_2 24099	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT3_3 24100	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT3_4 24101	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT4_1 24102	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT4_2 24103	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT4_3 24104	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00

ASTORIA_GT4_4 24105	85.53 4.98 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.77 4.01 -4.15	75.56 4.25 0.00	67.27 4.34 0.00	98.71 5.96 -6.80	138.55 5.18 -70.67	78.78 3.19 -36.95	62.88 4.11 -8.87	54.36 4.30 0.00	68.53 5.29 0.00	60.53 4.60 0.00	58.06 4.53 0.00	59.67 4.08 -9.59	135.41 3.22 -97.82	61.14 4.38 -8.72	77.21 6.33 -1.50	97.72 7.24 0.00	81.18 6.08 0.00	79.21 5.83 0.00	157.52 12.19 0.00	99.58 7.29 0.00	126.31 8.68 0.00
ASTORIA_GT_1 23523	85.62 5.07 0.00	84.61 5.03 0.00	83.91 4.92 0.00	71.85 4.09 -4.15	75.64 4.34 0.00	67.38 4.45 0.00	98.88 6.13 -6.80	138.56 5.19 -70.67	78.82 3.24 -36.95	62.96 4.19 -8.87	54.46 4.41 0.00	68.69 5.45 0.00	60.64 4.71 0.00	58.20 4.67 0.00	59.80 4.21 -9.59	135.47 3.28 -97.82	61.23 4.47 -8.72	77.37 6.50 -1.50	97.92 7.44 0.00	81.35 6.25 0.00	79.34 5.97 0.00	157.81 12.49 0.00	99.73 7.45 0.00	126.52 8.89 0.00
ASTORIA_GT_10 24110	85.41 4.86 0.00	84.21 4.63 0.00	83.57 4.58 0.00	71.64 3.88 -4.15	75.48 4.18 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.18 5.12 -70.36	78.78 3.22 -36.92	63.02 4.26 -8.87	54.50 4.44 0.00	68.66 5.42 0.00	60.57 4.64 0.00	58.07 4.54 0.00	59.71 4.12 -9.59	135.70 3.25 -98.07	61.58 4.53 -9.02	77.40 6.48 -1.55	98.07 7.58 0.00	81.40 6.29 0.00	79.38 6.00 0.00	157.64 12.31 0.00	99.70 7.42 0.00	126.50 8.86 0.00
ASTORIA_GT_11 24225	85.41 4.86 0.00	84.21 4.63 0.00	83.57 4.58 0.00	71.64 3.88 -4.15	75.48 4.18 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.18 5.12 -70.36	78.78 3.22 -36.92	63.02 4.26 -8.87	54.50 4.44 0.00	68.66 5.42 0.00	60.57 4.64 0.00	58.07 4.54 0.00	59.71 4.12 -9.59	135.70 3.25 -98.07	61.58 4.53 -9.02	77.40 6.48 -1.55	98.07 7.58 0.00	81.40 6.29 0.00	79.38 6.00 0.00	157.64 12.31 0.00	99.70 7.42 0.00	126.50 8.86 0.00
ASTORIA_GT_12 24226	85.41 4.86 0.00	84.21 4.63 0.00	83.57 4.58 0.00	71.64 3.88 -4.15	75.48 4.18 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.18 5.12 -70.36	78.78 3.22 -36.92	63.02 4.26 -8.87	54.50 4.44 0.00	68.66 5.42 0.00	60.57 4.64 0.00	58.07 4.54 0.00	59.71 4.12 -9.59	135.70 3.25 -98.07	61.58 4.53 -9.02	77.40 6.48 -1.55	98.07 7.58 0.00	81.40 6.29 0.00	79.38 6.00 0.00	157.64 12.31 0.00	99.70 7.42 0.00	126.50 8.86 0.00
ASTORIA_GT_13 24227	85.41 4.86 0.00	84.21 4.63 0.00	83.57 4.58 0.00	71.64 3.88 -4.15	75.48 4.18 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.18 5.12 -70.36	78.78 3.22 -36.92	63.02 4.26 -8.87	54.50 4.44 0.00	68.66 5.42 0.00	60.57 4.64 0.00	58.07 4.54 0.00	59.71 4.12 -9.59	135.70 3.25 -98.07	61.58 4.53 -9.02	77.40 6.48 -1.55	98.07 7.58 0.00	81.40 6.29 0.00	79.38 6.00 0.00	157.64 12.31 0.00	99.70 7.42 0.00	126.50 8.86 0.00
ASTORIA_GT_5 24106	85.64 5.09 0.00	84.60 5.01 0.00	83.91 4.92 0.00	71.86 4.10 -4.15	75.65 4.35 0.00	67.38 4.46 0.00	98.87 6.13 -6.80	138.68 5.31 -70.67	78.85 3.26 -36.95	62.97 4.21 -8.87	54.46 4.41 0.00	68.67 5.43 0.00	60.64 4.71 0.00	58.17 4.64 0.00	59.77 4.18 -9.59	135.48 3.29 -97.82	61.25 4.50 -8.72	77.37 6.50 -1.50	97.91 7.42 0.00	81.37 6.27 0.00	79.35 5.97 0.00	157.81 12.48 0.00	99.72 7.45 0.00	126.51 8.88 0.00
ASTORIA_GT_7 24107	85.64 5.09 0.00	84.60 5.01 0.00	83.91 4.92 0.00	71.86 4.10 -4.15	75.65 4.35 0.00	67.38 4.46 0.00	98.87 6.13 -6.80	138.68 5.31 -70.67	78.85 3.26 -36.95	62.97 4.21 -8.87	54.46 4.41 0.00	68.67 5.43 0.00	60.64 4.71 0.00	58.17 4.64 0.00	59.77 4.18 -9.59	135.48 3.29 -97.82	61.25 4.50 -8.72	77.37 6.50 -1.50	97.91 7.42 0.00	81.37 6.27 0.00	79.35 5.97 0.00	157.81 12.48 0.00	99.72 7.45 0.00	126.51 8.88 0.00
ASTORIA_GT_8 24108	85.64 5.09 0.00	84.60 5.01 0.00	83.91 4.92 0.00	71.86 4.10 -4.15	75.65 4.35 0.00	67.38 4.46 0.00	98.87 6.13 -6.80	138.68 5.31 -70.67	78.85 3.26 -36.95	62.97 4.21 -8.87	54.46 4.41 0.00	68.67 5.43 0.00	60.64 4.71 0.00	58.17 4.64 0.00	59.77 4.18 -9.59	135.48 3.29 -97.82	61.25 4.50 -8.72	77.37 6.50 -1.50	97.91 7.42 0.00	81.37 6.27 0.00	79.35 5.97 0.00	157.81 12.48 0.00	99.72 7.45 0.00	126.51 8.88 0.00
ASTORIA___2 24149	85.51 4.96 0.00	84.48 4.90 0.00	83.79 4.80 0.00	71.76 4.00 -4.15	75.54 4.24 0.00	67.27 4.34 0.00	98.72 5.97 -6.80	138.44 5.07 -70.67	78.75 3.16 -36.95	62.86 4.09 -8.87	54.36 4.31 0.00	68.55 5.32 0.00	60.53 4.60 0.00	58.10 4.56 0.00	59.71 4.12 -9.59	135.40 3.21 -97.82	61.11 4.36 -8.72	77.22 6.35 -1.50	97.73 7.24 0.00	81.18 6.08 0.00	79.19 5.81 0.00	157.53 12.21 0.00	99.55 7.27 0.00	126.33 8.70 0.00
ASTORIA___3 23516	85.40 4.85 0.00	84.21 4.63 0.00	83.56 4.58 0.00	71.63 3.88 -4.15	75.46 4.16 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.14 5.08 -70.36	78.77 3.22 -36.92	63.01 4.24 -8.87	54.51 4.45 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.73 4.14 -9.59	135.70 3.25 -98.07	61.57 4.52 -9.02	77.40 6.48 -1.55	98.08 7.59 0.00	81.40 6.30 0.00	79.38 6.01 0.00	157.64 12.32 0.00	99.71 7.43 0.00	126.50 8.87 0.00
ASTORIA___4 23517	85.41 4.86 0.00	84.21 4.63 0.00	83.57 4.58 0.00	71.64 3.88 -4.15	75.48 4.18 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.18 5.12 -70.36	78.78 3.22 -36.92	63.02 4.26 -8.87	54.50 4.44 0.00	68.66 5.42 0.00	60.57 4.64 0.00	58.07 4.54 0.00	59.71 4.12 -9.59	135.70 3.25 -98.07	61.58 4.53 -9.02	77.40 6.48 -1.55	98.07 7.58 0.00	81.40 6.29 0.00	79.38 6.00 0.00	157.64 12.31 0.00	99.70 7.42 0.00	126.50 8.86 0.00
ASTORIA___5 23518	85.40 4.85 0.00	84.21 4.62 0.00	83.56 4.57 0.00	71.63 3.88 -4.15	75.46 4.16 0.00	67.15 4.22 0.00	98.67 5.97 -6.75	138.14 5.08 -70.36	78.77 3.22 -36.92	63.01 4.24 -8.87	54.51 4.45 0.00	68.67 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.73 4.14 -9.59	135.70 3.25 -98.07	61.57 4.52 -9.02	77.39 6.47 -1.55	98.08 7.59 0.00	81.39 6.29 0.00	79.38 6.00 0.00	157.64 12.32 0.00	99.71 7.43 0.00	126.49 8.86 0.00
AST_ENERGY_2_CC3 323677	85.45 4.90 0.00	84.30 4.71 0.00	83.55 4.56 0.00	71.64 3.88 -4.15	75.54 4.23 0.00	67.22 4.29 0.00	98.69 5.99 -6.75	138.09 5.03 -70.36	78.72 3.17 -36.92	62.94 4.17 -8.87	54.42 4.36 0.00	68.58 5.34 0.00	60.49 4.55 0.00	57.96 4.43 0.00	59.65 4.06 -9.59	135.30 3.16 -97.76	61.18 4.49 -8.66	77.25 6.38 -1.49	97.99 7.50 0.00	81.31 6.21 0.00	79.28 5.90 0.00	157.22 11.90 0.00	99.60 7.32 0.00	126.38 8.74 0.00
AST_ENERGY_2_CC4 323678	85.45 4.90 0.00	84.30 4.71 0.00	83.55 4.56 0.00	71.64 3.88 -4.15	75.54 4.23 0.00	67.22 4.29 0.00	98.69 5.99 -6.75	138.09 5.03 -70.36	78.72 3.17 -36.92	62.94 4.17 -8.87	54.42 4.36 0.00	68.58 5.34 0.00	60.49 4.55 0.00	57.96 4.43 0.00	59.65 4.06 -9.59	135.30 3.16 -97.76	61.18 4.49 -8.66	77.25 6.38 -1.49	97.99 7.50 0.00	81.31 6.21 0.00	79.28 5.90 0.00	157.22 11.90 0.00	99.60 7.32 0.00	126.38 8.74 0.00

ATHENS_STG_1 23668	83.72 3.17 0.00	82.98 3.40 0.00	82.50 3.52 0.00	71.38 2.94 -4.83	74.54 3.24 0.00	65.74 2.82 0.00	97.28 4.02 -7.32	146.86 3.09 -81.06	82.91 1.94 -42.33	62.55 2.48 -10.17	52.56 2.50 0.00	66.32 3.08 0.00	58.49 2.56 0.00	56.01 2.48 0.00	59.34 2.34 -11.00	148.81 1.79 -112.64	60.78 2.47 -10.28	75.13 3.51 -2.25	94.66 4.17 0.00	78.61 3.51 0.00	76.84 3.46 0.00	152.19 6.86 0.00	96.49 4.21 0.00	122.85 5.22 0.00
ATHENS_STG_2 23670	83.72 3.17 0.00	82.98 3.40 0.00	82.50 3.52 0.00	71.38 2.94 -4.83	74.54 3.24 0.00	65.74 2.82 0.00	97.28 4.02 -7.32	146.86 3.09 -81.06	82.91 1.94 -42.33	62.55 2.48 -10.17	52.56 2.50 0.00	66.32 3.08 0.00	58.49 2.56 0.00	56.01 2.48 0.00	59.34 2.34 -11.00	148.81 1.79 -112.64	60.78 2.47 -10.28	75.13 3.51 -2.25	94.66 4.17 0.00	78.61 3.51 0.00	76.84 3.46 0.00	152.19 6.86 0.00	96.49 4.21 0.00	122.85 5.22 0.00
ATHENS_STG_3 23677	83.72 3.17 0.00	82.98 3.40 0.00	82.50 3.52 0.00	71.38 2.94 -4.83	74.54 3.24 0.00	65.74 2.82 0.00	97.28 4.02 -7.32	146.86 3.09 -81.06	82.91 1.94 -42.33	62.55 2.48 -10.17	52.56 2.50 0.00	66.32 3.08 0.00	58.49 2.56 0.00	56.01 2.48 0.00	59.34 2.34 -11.00	148.81 1.79 -112.64	60.78 2.47 -10.28	75.13 3.51 -2.25	94.66 4.17 0.00	78.61 3.51 0.00	76.84 3.46 0.00	152.19 6.86 0.00	96.49 4.21 0.00	122.85 5.22 0.00
AUBURN___LFGE 323710	80.56 0.01 0.00	79.26 -0.32 0.00	78.45 -0.53 0.00	64.15 -0.55 -1.08	71.22 -0.38 -0.30	63.18 -0.28 -0.53	88.60 -0.11 -2.78	71.12 -0.38 -8.80	39.38 -0.48 -1.22	49.43 -0.88 -0.41	51.40 -0.93 -2.27	67.74 -1.12 -5.61	56.51 -1.06 -1.64	56.32 -0.97 -3.76	50.84 -0.73 -5.57	42.07 -0.42 -8.11	49.66 -0.13 -1.75	70.54 -0.01 -1.18	93.06 -0.07 -2.64	77.81 -0.03 -2.73	77.02 -0.22 -3.86	154.67 -0.99 -10.33	94.42 -0.98 -3.12	123.71 -1.42 -7.51
BABYLON_RES_REC 323704	87.64 7.09 0.00	86.34 6.75 0.00	85.63 6.65 0.00	73.28 5.52 -4.15	77.30 6.00 0.00	68.81 5.88 0.00	100.53 7.92 -6.66	138.44 6.12 -69.61	79.14 3.65 -36.85	63.55 4.78 -8.87	55.05 5.00 0.00	124.29 6.53 -54.52	109.74 5.81 -48.00	127.70 5.67 -68.50	114.59 5.14 -63.45	155.64 3.98 -117.28	63.75 5.59 -10.13	106.39 8.32 -28.70	125.66 9.64 -25.53	143.87 8.14 -60.63	80.94 7.52 -0.05	159.45 14.13 0.00	107.67 9.25 -6.14	128.84 11.21 0.00
BABYLON__69_KV_BK2 356345	88.73 8.18 0.00	87.36 7.77 0.00	86.66 7.68 0.00	74.09 6.33 -4.15	78.23 6.92 0.00	69.67 6.74 0.00	101.73 9.13 -6.66	139.26 4.06 -69.62	79.56 5.31 -36.85	64.09 5.51 -8.87	55.56 5.51 0.00	125.05 7.30 -54.52	110.48 6.55 -48.00	132.21 6.39 -72.29	128.78 5.74 -77.04	156.13 4.46 -117.28	66.76 6.26 -12.46	109.30 9.40 -30.52	127.12 10.94 -25.68	146.44 9.26 -62.08	81.98 8.56 -0.05	161.39 16.07 0.00	108.92 10.50 -6.14	130.50 12.87 0.00
BALL_HILL_WT_PWR 323825	66.55 -4.07 9.93	71.43 -4.36 3.79	68.42 -5.24 5.33	54.49 -4.45 4.67	50.38 -4.67 16.26	43.43 -4.10 15.40	68.25 -6.31 11.39	24.40 -4.95 33.35	21.15 -3.21 14.27	43.48 -4.66 1.77	30.81 -4.98 14.26	30.28 -5.98 26.98	40.84 -5.48 9.62	29.86 -5.27 18.40	21.68 -4.48 19.84	15.56 -3.18 15.64	20.44 -3.97 23.63	31.09 -5.69 32.58	45.21 -7.17 38.11	28.26 -5.93 40.92	25.75 -6.06 41.56	66.65 -13.19 65.48	65.63 -8.38 18.27	78.55 -9.38 29.70
BARON_WINDS___WT_PWR 323822	81.06 -3.29 -3.80	77.76 -3.28 -1.45	77.01 -4.02 -2.04	58.63 -3.85 1.13	71.20 -3.96 -3.86	60.93 -3.76 -1.76	72.76 -5.09 8.10	37.25 -4.19 21.26	45.74 -2.93 -10.03	45.25 -4.41 0.25	10.32 -4.70 35.04	-11.25 -5.96 68.53	41.04 -5.42 9.47	7.40 -5.21 40.92	-2.72 -4.45 44.27	3.10 -3.15 28.13	0.05 -3.57 44.42	-21.18 -4.82 85.74	62.40 -6.21 21.88	9.17 -4.88 61.05	-38.71 -4.89 107.20	-46.13 -9.92 181.54	49.19 -6.86 36.23	62.24 -8.55 46.84
BARRETT_IC_1 23704	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_10 23701	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	96.66 6.37 -4.35	114.83 4.80 -47.33	76.29 2.96 -34.69	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_11 23702	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	96.66 6.37 -4.35	114.83 4.80 -47.33	76.29 2.96 -34.69	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_12 23703	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	96.66 6.37 -4.35	114.83 4.80 -47.33	76.29 2.96 -34.69	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_2 23705	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_3 23706	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_4 23707	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00

BARRETT_IC_5 23708	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_6 23709	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_7 23710	86.16 5.61 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.21 4.45 -4.15	76.11 4.80 0.00	67.73 4.80 0.00	99.29 6.39 -6.95	131.44 4.81 -63.93	77.88 2.94 -36.30	62.81 4.04 -8.87	54.47 4.41 0.00	123.44 5.68 -54.52	108.68 4.75 -48.00	124.36 4.62 -66.20	107.37 4.20 -57.17	154.94 3.28 -117.28	61.63 4.61 -8.98	102.13 6.80 -25.96	123.69 7.90 -25.30	141.71 6.64 -59.96	79.59 6.16 -0.05	157.08 11.76 0.00	106.01 7.59 -6.14	126.59 8.95 0.00
BARRETT_IC_8 23711	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT_IC_9 23700	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	96.66 6.37 -4.35	114.83 4.80 -47.33	76.29 2.96 -34.69	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT___1 23545	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	99.27 6.37 -6.95	131.43 4.80 -63.93	77.90 2.96 -36.30	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BARRETT___2 23546	86.14 5.59 0.00	84.94 5.36 0.00	84.25 5.26 0.00	72.20 4.44 -4.15	76.09 4.79 0.00	67.73 4.80 0.00	96.66 6.37 -4.35	114.83 4.80 -47.33	76.29 2.96 -34.69	62.80 4.03 -8.87	54.48 4.42 0.00	123.45 5.69 -54.52	108.68 4.75 -48.00	124.38 4.64 -66.20	107.39 4.22 -57.17	154.93 3.27 -117.28	61.62 4.61 -8.98	102.15 6.82 -25.96	123.69 7.89 -25.30	141.70 6.64 -59.96	79.58 6.16 -0.05	157.09 11.77 0.00	106.02 7.60 -6.14	126.58 8.95 0.00
BATAVIA___115KV_TB1 55881	77.71 -2.84 0.00	76.51 -3.08 0.00	75.22 -3.77 0.00	59.63 -3.19 0.80	67.34 -3.17 0.79	58.94 -2.61 1.38	78.26 -4.15 3.53	55.03 -3.11 4.57	37.42 -2.00 -0.78	46.88 -2.96 0.07	40.87 -3.10 6.08	44.25 -3.70 15.29	48.53 -3.33 4.08	40.30 -3.14 10.09	30.17 -2.61 13.22	22.63 -1.81 9.94	38.61 -2.11 7.31	54.93 -2.89 11.54	78.48 -3.55 8.46	59.60 -3.01 12.50	51.03 -3.29 19.06	97.78 -8.43 39.11	76.72 -5.61 9.95	91.75 -6.38 19.50
BAYONEEC___CTG1 323682	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG10 323750	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG2 323683	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG3 323684	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG4 323685	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG5 323686	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG6 323687	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00

BAYONEEC___CTG7 323688	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG8 323689	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BAYONEEC___CTG9 323749	84.91 4.78 0.42	83.01 4.59 1.16	81.97 4.47 1.49	64.64 3.78 2.75	73.44 4.14 2.00	67.15 4.22 0.00	89.60 5.95 2.30	128.30 4.96 -60.64	75.30 3.12 -33.53	62.41 4.12 -8.39	50.13 4.31 4.23	50.13 5.28 18.39	50.13 4.46 10.26	50.13 4.37 7.78	55.14 4.04 -5.10	132.61 3.15 -95.08	52.01 4.47 0.50	66.50 6.37 9.24	93.47 7.49 4.51	76.88 6.17 4.39	74.13 5.89 5.14	149.73 11.85 7.44	94.18 7.21 5.31	126.23 8.60 0.00
BEACON___LESR 323632	84.37 3.82 0.00	83.58 3.99 0.00	83.17 4.18 0.00	72.64 3.60 -5.43	75.37 4.06 0.00	66.51 3.58 0.00	105.27 5.13 -14.20	156.71 3.64 -90.37	87.80 2.19 -46.97	64.05 2.87 -11.28	52.58 2.52 0.00	66.26 3.02 0.00	58.60 2.67 0.00	56.12 2.59 0.00	60.77 2.56 -12.20	158.56 1.86 -122.33	60.59 2.82 -9.73	73.30 4.02 0.09	95.56 5.08 0.00	79.02 3.92 0.00	77.14 3.76 0.00	152.85 7.52 0.00	96.90 4.62 0.00	123.18 5.55 0.00
BEAVER RIVER___HYD 24048	81.49 0.94 0.00	78.93 -0.65 0.00	78.29 -0.69 0.00	62.44 -1.34 -0.16	70.12 -1.19 0.00	61.60 -1.32 0.00	83.91 -2.15 -0.11	62.07 -1.55 -0.91	37.65 -0.98 0.00	48.76 -1.14 0.00	49.26 -0.80 0.00	62.28 -0.96 0.00	55.23 -0.70 0.00	52.61 -0.92 0.00	45.04 -0.96 0.00	33.58 -0.80 0.00	46.96 -1.08 0.00	67.72 -1.65 0.00	88.73 -1.76 0.00	73.60 -1.50 0.00	71.86 -1.52 0.00	142.97 -2.36 0.00	90.20 -2.08 0.00	115.05 -2.58 0.00
BEEBEE_GT_13 23619	77.22 -3.33 0.00	76.00 -3.59 0.00	75.00 -3.99 0.00	59.75 -3.34 0.53	67.24 -3.47 0.60	58.94 -2.95 1.04	78.27 -4.42 3.25	55.28 -3.30 4.12	37.28 -2.06 -0.70	46.96 -2.90 0.04	44.05 -3.07 2.94	51.10 -3.76 8.37	49.70 -3.30 2.92	44.56 -3.19 5.77	34.59 -2.70 8.72	25.38 -1.91 7.09	42.69 -2.36 2.98	62.01 -3.34 4.02	80.88 -4.17 5.44	65.01 -3.50 6.59	60.00 -3.74 9.64	113.63 -8.64 23.05	80.12 -5.63 6.53	96.18 -6.77 14.69
BENSHRST_27_KV_BENSHRST_1 355998	85.87 5.31 0.00	84.69 5.10 0.00	83.96 4.97 0.00	71.95 4.19 -4.15	75.77 4.47 0.00	67.63 4.70 0.00	99.22 6.52 -6.75	138.56 5.50 -70.36	79.06 3.50 -36.92	63.41 4.64 -8.87	54.84 4.78 0.00	69.04 5.80 0.00	60.90 4.97 0.00	58.39 4.86 0.00	59.99 4.40 -9.59	136.74 3.49 -98.87	62.88 4.91 -9.94	78.05 6.99 -1.69	98.79 8.30 0.00	82.03 6.93 0.00	79.94 6.56 0.00	158.54 13.21 0.00	100.22 7.94 0.00	127.23 9.60 0.00
BETHLEHEM___GRP 23843	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.31 3.29 -14.07	155.38 2.23 -90.44	87.10 1.45 -47.01	63.07 1.88 -11.29	51.69 1.64 0.00	65.09 1.85 0.00	57.45 1.52 0.00	55.05 1.52 0.00	59.76 1.55 -12.21	157.96 1.16 -122.42	59.43 1.67 -9.73	71.59 2.32 0.10	93.14 2.65 0.00	77.26 2.16 0.00	75.57 2.19 0.00	149.90 4.58 0.00	95.08 2.80 0.00	121.13 3.50 0.00
BETHLEHEM___GS1 323560	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.30 3.30 -14.07	155.37 2.23 -90.44	87.10 1.46 -47.01	63.07 1.87 -11.29	51.69 1.64 0.00	65.09 1.86 0.00	57.44 1.51 0.00	55.06 1.53 0.00	59.76 1.54 -12.21	157.95 1.16 -122.42	59.44 1.67 -9.73	71.60 2.33 0.10	93.15 2.66 0.00	77.27 2.17 0.00	75.57 2.20 0.00	149.92 4.59 0.00	95.08 2.81 0.00	121.13 3.50 0.00
BETHLEHEM___GS2 323561	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.30 3.30 -14.07	155.37 2.23 -90.44	87.10 1.46 -47.01	63.07 1.87 -11.29	51.69 1.64 0.00	65.09 1.86 0.00	57.44 1.51 0.00	55.06 1.53 0.00	59.76 1.54 -12.21	157.95 1.16 -122.42	59.44 1.67 -9.73	71.60 2.33 0.10	93.15 2.66 0.00	77.27 2.17 0.00	75.57 2.20 0.00	149.92 4.59 0.00	95.08 2.81 0.00	121.13 3.50 0.00
BETHLEHEM___GS3 323562	82.96 2.41 0.00	82.29 2.70 0.00	81.76 2.77 0.00	71.55 2.50 -5.44	74.04 2.74 0.00	65.34 2.41 0.00	103.30 3.30 -14.07	155.37 2.23 -90.44	87.10 1.46 -47.01	63.07 1.87 -11.29	51.69 1.64 0.00	65.09 1.86 0.00	57.44 1.51 0.00	55.06 1.53 0.00	59.76 1.54 -12.21	157.95 1.16 -122.42	59.44 1.67 -9.73	71.60 2.33 0.10	93.15 2.66 0.00	77.27 2.17 0.00	75.57 2.20 0.00	149.92 4.59 0.00	95.08 2.81 0.00	121.13 3.50 0.00
BETHLEHEM___STEEL 23779	76.99 -3.56 0.00	75.72 -3.86 0.00	74.30 -4.69 0.00	58.48 -4.00 1.13	66.14 -4.13 1.04	57.47 -3.65 1.82	74.76 -5.94 5.24	46.50 -4.69 11.51	36.50 -2.99 -0.85	45.39 -4.35 0.17	35.31 -4.74 10.01	35.18 -5.63 22.43	45.46 -5.00 5.47	34.11 -4.79 14.62	23.58 -4.09 18.33	17.69 -2.90 13.79	32.30 -3.64 12.10	44.30 -5.11 19.96	71.96 -6.47 12.06	50.48 -5.34 19.28	38.07 -5.44 29.87	75.20 -12.21 57.91	70.51 -7.74 14.03	83.20 -8.83 25.60
BETHLHEM_115KV_TB1 79974	83.01 2.46 0.00	82.32 2.74 0.00	81.82 2.83 0.00	71.57 2.52 -5.43	74.05 2.75 0.00	65.34 2.41 0.00	103.00 3.31 -13.74	155.38 2.29 -90.39	87.09 1.47 -46.98	63.09 1.91 -11.28	51.75 1.69 0.00	65.17 1.93 0.00	57.53 1.59 0.00	55.13 1.60 0.00	59.80 1.60 -12.20	157.91 1.20 -122.33	59.46 1.71 -9.72	71.65 2.39 0.11	93.24 2.75 0.00	77.36 2.25 0.00	75.65 2.28 0.00	150.05 4.72 0.00	95.17 2.89 0.00	121.27 3.64 0.00
BETHPAGE_CC_5 323564	86.77 6.22 0.00	85.58 5.99 0.00	84.94 5.95 0.00	72.73 4.96 -4.15	76.66 5.36 0.00	68.23 5.30 0.00	99.69 7.07 -6.67	137.84 5.56 -69.58	78.97 3.48 -36.85	63.29 4.52 -8.87	54.73 4.67 0.00	123.82 6.07 -54.52	109.23 5.30 -48.00	126.15 5.15 -67.46	109.53 4.65 -58.87	155.27 3.61 -117.28	62.34 5.05 -9.25	102.84 7.51 -25.96	124.55 8.75 -25.30	142.55 7.32 -60.13	80.20 6.78 -0.05	158.23 12.91 0.00	106.80 8.38 -6.14	127.68 10.04 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	77.61 -2.94 0.00	76.36 -3.23 0.00	74.89 -4.10 0.00	58.93 -3.52 1.15	66.68 -3.57 1.05	57.93 -3.16 1.84	75.35 -5.27 5.33	46.97 -4.19 11.54	36.83 -2.67 -0.86	45.77 -3.96 0.17	35.88 -4.35 9.83	35.87 -5.13 22.24	45.84 -4.56 5.53	34.62 -4.38 14.53	23.86 -3.73 18.41	17.75 -2.64 13.99	33.09 -3.24 11.70	45.69 -4.56 19.12	72.72 -5.75 12.01	51.46 -4.75 18.89	39.34 -4.86 29.18	77.04 -11.04 57.25	71.29 -6.98 14.01	83.67 -7.97 25.99

BINGHAMTON___COGEN 23790	81.13 0.58 0.00	80.29 0.71 0.00	79.52 0.53 0.00	65.32 0.29 -1.42	71.88 0.58 0.00	63.32 0.39 0.00	89.21 0.78 -2.49	74.56 -0.32 -12.18	41.08 -0.81 -3.25	49.47 -1.21 -0.78	49.63 -1.25 -0.82	62.97 -1.60 -1.33	54.47 -1.52 -0.06	52.88 -1.43 -0.77	46.13 -1.22 -1.35	42.07 -0.84 -8.53	48.76 -0.26 -0.98	69.78 0.28 -0.13	91.04 0.55 0.00	75.73 0.63 0.00	73.93 0.55 0.00	146.25 0.92 0.00	92.50 0.22 0.00	117.60 -0.03 0.00
BIXINCNT_115KV_LOAD 355685	79.07 -1.48 0.00	77.98 -1.61 0.00	75.92 -3.06 0.00	59.47 -2.86 1.28	67.62 -2.53 1.15	58.63 -2.29 2.01	75.47 -4.64 5.84	47.24 -3.64 11.82	37.47 -2.07 -0.90	46.91 -3.72 -0.73	39.83 -4.23 6.00	39.74 -4.89 18.61	46.06 -4.45 5.42	35.05 -4.34 14.14	23.36 -3.68 18.96	16.62 -2.54 15.22	35.50 -2.90 9.63	50.18 -4.51 14.68	72.71 -5.93 11.86	53.24 -4.96 16.89	42.83 -4.94 25.60	80.48 -10.89 53.96	71.69 -6.93 13.65	81.26 -8.07 28.31
BLACK RIVER___HYD 24047	81.46 0.91 0.00	78.62 -0.97 0.00	77.97 -1.01 0.00	62.29 -1.54 -0.22	69.88 -1.42 0.00	61.53 -1.40 0.00	84.14 -1.96 -0.16	62.68 -1.30 -1.28	37.78 -0.86 0.00	48.77 -1.13 0.00	49.18 -0.87 0.00	62.18 -1.06 0.00	55.15 -0.79 0.00	52.51 -1.02 0.00	45.06 -0.94 0.00	33.67 -0.71 0.00	47.27 -0.77 0.00	68.26 -1.12 0.00	89.40 -1.09 0.00	74.07 -1.03 0.00	72.29 -1.09 0.00	143.56 -1.77 0.00	90.17 -2.11 0.00	114.74 -2.89 0.00
BLACKRVR_115KV_TB2 79977	81.45 0.91 0.00	78.62 -0.97 0.00	77.97 -1.01 0.00	62.28 -1.55 -0.22	69.88 -1.42 0.00	61.53 -1.40 0.00	84.14 -1.96 -0.16	62.69 -1.29 -1.28	37.78 -0.86 0.00	48.77 -1.13 0.00	49.19 -0.87 0.00	62.19 -1.05 0.00	55.14 -0.79 0.00	52.52 -1.01 0.00	45.07 -0.93 0.00	33.67 -0.71 0.00	47.27 -0.77 0.00	68.26 -1.11 0.00	89.39 -1.10 0.00	74.07 -1.03 0.00	72.28 -1.10 0.00	143.55 -1.77 0.00	90.17 -2.11 0.00	114.74 -2.89 0.00
BLISS_WT_PWR 323608	65.76 -1.61 13.18	72.78 -1.77 5.04	68.52 -3.39 7.08	54.49 -3.19 5.93	47.16 -2.82 21.33	40.41 -2.53 19.99	66.96 -5.14 13.85	18.03 -3.96 40.72	16.78 -2.20 19.66	46.05 -4.09 -0.23	39.44 -4.62 6.00	39.01 -5.34 18.89	40.94 -4.96 10.04	30.06 -4.85 18.62	21.54 -4.11 20.35	14.27 -2.82 17.30	20.51 -3.13 24.39	34.17 -4.99 30.20	37.71 -6.60 46.18	25.04 -5.52 44.54	28.51 -5.48 39.38	72.04 -12.06 61.22	66.45 -7.75 18.08	75.46 -9.04 33.13
BLUESTONE___WT_PWR 323821	87.59 4.34 -2.70	85.20 4.59 -1.03	84.53 4.10 -1.45	70.16 2.90 -3.65	79.60 3.50 -4.80	70.56 2.78 -4.85	98.83 3.89 -9.00	101.90 2.40 -36.80	54.85 1.17 -15.05	54.24 1.87 -2.47	56.17 1.78 -4.33	75.80 1.20 -11.36	61.27 0.31 -5.03	62.50 -0.09 -9.06	59.85 0.02 -13.83	68.08 -0.12 -33.82	55.34 0.30 -7.00	74.77 0.64 -4.77	103.90 1.19 -12.21	89.17 1.17 -12.90	87.60 0.86 -13.37	174.43 2.06 -27.06	101.27 0.77 -8.21	135.51 0.30 -17.57
BLUE_CIRC_CHEM_DRP 24182	83.54 2.99 0.00	82.84 3.26 0.00	82.37 3.39 0.00	71.83 2.89 -5.34	74.50 3.20 0.00	65.69 2.75 0.00	101.98 3.78 -12.26	154.19 2.61 -88.88	86.45 1.59 -46.22	63.03 2.03 -11.10	51.86 1.80 0.00	65.36 2.12 0.00	57.74 1.81 0.00	55.33 1.80 0.00	59.76 1.75 -12.01	156.11 1.31 -120.42	59.50 1.86 -9.60	71.96 2.64 0.05	93.65 3.16 0.00	77.72 2.62 0.00	76.01 2.63 0.00	150.66 5.33 0.00	95.56 3.29 0.00	121.94 4.30 0.00
BOC_GAS_DRP 24189	82.94 2.39 0.00	82.22 2.64 0.00	81.73 2.74 0.00	71.37 2.35 -5.41	73.88 2.57 0.00	65.14 2.21 0.00	100.95 3.09 -11.92	155.02 2.25 -90.07	86.87 1.41 -46.82	62.96 1.81 -11.24	51.78 1.73 0.00	65.29 2.05 0.00	57.61 1.68 0.00	55.19 1.65 0.00	59.78 1.61 -12.16	157.46 1.21 -121.87	59.37 1.68 -9.65	71.57 2.36 0.16	93.26 2.77 0.00	77.41 2.31 0.00	75.69 2.32 0.00	149.99 4.67 0.00	95.16 2.88 0.00	121.30 3.67 0.00
BOONVILLE_115KV_TB1 79983	82.65 2.10 0.00	80.95 1.37 0.00	80.33 1.35 0.00	64.40 0.65 -0.14	72.26 0.96 0.00	63.71 0.78 0.00	87.21 1.17 -0.10	64.36 0.88 -0.78	39.15 0.50 0.00	50.54 0.64 0.00	50.82 0.76 0.00	64.18 0.94 0.00	56.79 0.86 0.00	54.26 0.73 0.00	46.62 0.62 0.00	34.82 0.44 0.00	48.76 0.72 0.00	70.39 1.02 0.00	91.90 1.41 0.00	76.23 1.13 0.00	74.41 1.03 0.00	147.54 2.21 0.00	93.14 0.86 0.00	118.67 1.04 0.00
BORALEX_4TH_BRANCH 23824	86.38 5.83 0.00	85.66 6.08 0.00	84.93 5.95 0.00	73.89 4.89 -5.39	76.77 5.47 0.00	68.22 5.29 0.00	109.57 7.25 -16.37	157.59 5.13 -89.76	88.22 2.92 -46.66	64.73 3.62 -11.21	53.88 3.82 0.00	67.61 4.37 0.00	59.49 3.56 0.00	57.16 3.63 0.00	61.71 3.59 -12.12	158.57 2.50 -121.69	61.50 3.70 -9.77	74.71 5.26 -0.07	97.11 6.62 0.00	80.48 5.38 0.00	78.98 5.60 0.00	155.87 10.55 0.00	99.28 7.00 0.00	126.95 9.32 0.00
BOWLINE___1 23526	84.83 4.28 0.00	83.82 4.23 0.00	83.16 4.17 0.00	71.11 3.48 -4.02	75.09 3.79 0.00	66.74 3.81 0.00	98.04 5.54 -6.55	135.59 4.54 -68.34	77.30 2.76 -35.90	62.07 3.54 -8.62	53.78 3.72 0.00	67.76 4.52 0.00	59.68 3.75 0.00	57.22 3.69 0.00	58.82 3.50 -9.33	132.14 2.75 -95.02	60.35 3.91 -8.40	76.36 5.58 -1.42	97.02 6.53 0.00	80.53 5.43 0.00	78.57 5.19 0.00	155.79 10.46 0.00	98.65 6.38 0.00	125.29 7.65 0.00
BOWLINE___2 23595	84.83 4.28 0.00	83.82 4.23 0.00	83.16 4.17 0.00	71.11 3.48 -4.02	75.09 3.79 0.00	66.74 3.81 0.00	98.04 5.55 -6.55	135.60 4.55 -68.35	77.30 2.76 -35.90	62.07 3.54 -8.62	53.78 3.73 0.00	67.76 4.52 0.00	59.68 3.75 0.00	57.22 3.69 0.00	58.83 3.50 -9.33	132.15 2.75 -95.03	60.35 3.91 -8.40	76.37 5.58 -1.42	97.02 6.53 0.00	80.53 5.43 0.00	78.57 5.19 0.00	155.79 10.46 0.00	98.69 6.41 0.00	125.29 7.65 0.00
BRADY___115KV_TB2 356060	81.59 1.04 0.00	80.19 0.61 0.00	79.52 0.53 0.00	64.03 0.42 0.00	71.63 0.33 0.00	63.10 0.17 0.00	85.38 -0.56 0.00	62.01 -0.70 0.00	38.22 -0.41 0.00	49.67 -0.23 0.00	50.09 0.03 0.00	63.35 0.11 0.00	56.34 0.41 0.00	53.86 0.33 0.00	45.82 -0.18 0.00	34.06 -0.32 0.00	47.46 -0.57 0.00	68.55 -0.82 0.00	90.10 -0.39 0.00	74.74 -0.36 0.00	72.94 -0.44 0.00	144.67 -0.65 0.00	92.52 0.24 0.00	118.39 0.76 0.00
BRANSCOMB___SOLAR 323811	85.31 4.76 0.00	84.56 4.97 0.00	83.84 4.85 0.00	73.18 4.01 -5.56	75.89 4.59 0.00	67.18 4.25 0.00	111.93 6.24 -19.74	159.61 4.50 -92.41	89.19 2.55 -47.99	64.60 3.17 -11.53	53.11 3.06 0.00	66.83 3.60 0.00	59.00 3.07 0.00	56.71 3.18 0.00	61.52 3.06 -12.47	161.68 2.28 -125.02	61.49 3.49 -9.96	74.32 5.01 0.06	96.81 6.32 0.00	80.23 5.13 0.00	78.40 5.02 0.00	154.87 9.55 0.00	98.17 5.89 0.00	124.98 7.35 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	88.61 8.06 0.00	87.26 7.68 0.00	86.53 7.54 0.00	74.01 6.24 -4.15	78.09 6.79 0.00	69.51 6.58 0.00	101.40 8.80 -6.65	138.97 6.55 -69.71	79.27 3.77 -36.86	63.82 5.04 -8.87	55.35 5.29 0.00	124.80 7.04 -54.52	110.30 6.37 -48.00	133.36 6.17 -73.66	128.95 5.55 -77.39	155.96 4.30 -117.29	66.61 5.96 -12.61	111.65 8.99 -33.29	126.73 10.32 -25.91	145.97 8.77 -62.11	81.48 8.06 -0.05	160.29 14.97 0.00	108.52 10.10 -6.14	130.21 12.58 0.00



BRISTLHL_115KV_TB1 79998	78.18 -2.37 0.00	77.19 -2.40 0.00	76.51 -2.48 0.00	61.92 -2.05 -0.35	69.15 -2.16 0.00	61.08 -1.85 0.00	83.87 -2.32 -0.25	63.78 -1.72 -2.79	38.13 -1.13 -0.62	48.41 -1.64 -0.15	48.38 -1.68 0.00	61.06 -2.18 0.00	53.94 -1.99 0.00	51.64 -1.89 0.00	44.61 -1.55 -0.16	34.97 -1.03 -1.62	46.94 -1.23 -0.13	67.68 -1.69 0.00	88.18 -2.31 0.00	73.17 -1.93 0.00	71.41 -1.97 0.00	141.01 -4.31 0.00	89.27 -3.01 0.00	113.66 -3.97 0.00
BROOKHAVEN___DRP 24191	88.68 8.12 0.00	87.27 7.69 0.00	86.54 7.55 0.00	74.02 6.26 -4.15	78.15 6.85 0.00	69.62 6.69 0.00	101.69 9.10 -6.65	139.37 6.98 -69.69	79.49 3.99 -36.86	63.95 5.18 -8.87	55.37 5.31 0.00	125.28 7.53 -54.52	111.00 7.06 -48.00	156.12 6.99 -95.60	205.47 6.21 -153.26	156.38 4.70 -117.30	79.73 6.39 -25.31	114.16 9.39 -35.40	127.23 10.64 -26.10	154.58 9.25 -70.22	81.88 8.46 -0.05	161.32 15.99 0.00	109.04 10.62 -6.14	130.80 13.17 0.00
BROOKLYN_NAVY_YARD 23515	85.33 4.78 0.00	84.12 4.54 0.00	83.42 4.44 0.00	71.52 3.75 -4.15	75.39 4.09 0.00	67.09 4.16 0.00	98.64 5.87 -6.83	138.45 4.91 -70.83	78.68 3.07 -36.96	62.84 4.07 -8.87	54.31 4.25 0.00	68.42 5.18 0.00	60.36 4.43 0.00	57.90 4.36 0.00	59.63 4.04 -9.59	135.28 3.14 -97.76	61.15 4.45 -8.66	77.21 6.34 -1.49	97.93 7.44 0.00	81.25 6.15 0.00	79.23 5.86 0.00	157.15 11.82 0.00	99.44 7.16 0.00	126.14 8.51 0.00
BROOKLYN___ARMY_DRP 323595	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
BROOKVLE_69_KV_TB1 55790	86.73 6.18 0.00	85.70 6.12 0.00	85.09 6.10 0.00	72.85 5.08 -4.15	76.87 5.57 0.00	68.35 5.42 0.00	100.09 7.43 -6.72	138.36 5.85 -69.81	79.08 3.57 -36.87	63.51 4.74 -8.87	55.01 4.95 0.00	124.07 6.31 -54.52	109.31 5.38 -48.00	124.99 5.26 -66.20	107.87 4.70 -57.17	155.32 3.66 -117.28	62.20 5.19 -8.98	102.89 7.56 -25.96	124.68 8.88 -25.30	142.43 7.37 -59.96	80.35 6.93 -0.05	158.68 13.35 0.00	106.87 8.45 -6.14	127.70 10.06 0.00
BROOME_2_LFGE 323671	84.82 0.58 -3.69	81.70 0.70 -1.41	81.50 0.54 -1.98	66.61 0.28 -2.72	77.52 0.57 -5.64	68.35 0.39 -5.03	91.45 0.77 -4.73	86.31 -0.35 -23.95	50.96 -0.82 -13.14	49.71 -1.22 -1.02	49.62 -1.26 -0.82	63.04 -1.66 -1.47	56.68 -1.53 -2.28	54.99 -1.47 -2.93	46.74 -1.28 -2.02	42.99 -0.87 -9.48	51.34 -0.29 -3.59	72.29 0.27 -2.65	99.04 0.53 -8.02	83.45 0.62 -7.73	77.75 0.51 -3.86	148.25 0.89 -2.03	93.72 0.20 -1.24	118.93 -0.05 -1.35
BROOME___LFGE 323600	84.82 0.58 -3.69	81.70 0.70 -1.41	81.50 0.54 -1.98	66.61 0.28 -2.72	77.52 0.57 -5.64	68.35 0.39 -5.03	91.45 0.77 -4.73	86.31 -0.35 -23.95	50.96 -0.82 -13.14	49.71 -1.22 -1.02	49.62 -1.26 -0.82	63.04 -1.66 -1.47	56.68 -1.53 -2.28	54.99 -1.47 -2.93	46.74 -1.28 -2.02	42.99 -0.87 -9.48	51.34 -0.29 -3.59	72.29 0.27 -2.65	99.04 0.53 -8.02	83.45 0.62 -7.73	77.75 0.51 -3.86	148.25 0.89 -2.03	93.72 0.20 -1.24	118.93 -0.05 -1.35
BROWNFLS_115KV_TB_3_5 80003	80.86 0.31 0.00	78.81 -0.78 0.00	78.14 -0.85 0.00	62.58 -1.14 -0.11	70.14 -1.16 0.00	61.58 -1.35 0.00	83.36 -2.67 -0.08	61.20 -2.14 -0.64	37.31 -1.33 0.00	48.49 -1.42 0.00	49.09 -0.97 0.00	62.07 -1.17 0.00	55.18 -0.75 0.00	52.66 -0.86 0.00	44.97 -1.03 0.00	33.44 -0.94 0.00	46.55 -1.49 0.00	66.98 -2.38 0.00	87.91 -2.58 0.00	72.94 -2.16 0.00	71.20 -2.18 0.00	141.60 -3.72 0.00	90.13 -2.15 0.00	115.33 -2.31 0.00
BROWNSV1_27_KV_LOAD 356125	86.31 5.77 0.00	85.11 5.53 0.00	84.37 5.38 0.00	72.25 4.49 -4.15	76.24 4.94 0.00	67.85 4.92 0.00	99.69 6.99 -6.75	138.81 5.74 -70.36	79.17 3.61 -36.92	63.51 4.74 -8.87	54.99 4.94 0.00	69.29 6.05 0.00	61.11 5.18 0.00	58.58 5.05 0.00	60.22 4.62 -9.59	135.75 3.61 -97.76	61.82 5.13 -8.66	78.18 7.32 -1.49	99.21 8.72 0.00	82.31 7.21 0.00	80.26 6.89 0.00	159.06 13.74 0.00	100.64 8.36 0.00	127.62 9.99 0.00
BURROWS___LYONSDAL 23803	82.38 1.82 0.00	80.41 0.82 0.00	79.77 0.78 0.00	63.79 0.04 -0.14	71.63 0.33 0.00	63.07 0.14 0.00	86.21 0.17 -0.10	63.68 0.17 -0.81	38.71 0.08 0.00	50.03 0.12 0.00	50.36 0.30 0.00	63.64 0.40 0.00	56.33 0.40 0.00	53.76 0.23 0.00	46.14 0.14 0.00	34.44 0.07 0.00	48.22 0.19 0.00	69.58 0.21 0.00	90.95 0.46 0.00	75.45 0.34 0.00	73.68 0.30 0.00	146.24 0.91 0.00	92.28 0.00 0.00	117.60 -0.04 0.00
CAITHNESS_CC_1 323624	88.32 7.77 0.00	86.95 7.36 0.00	86.21 7.22 0.00	73.75 5.99 -4.15	77.85 6.55 0.00	69.34 6.41 0.00	101.25 8.66 -6.65	138.99 6.60 -69.69	79.34 3.84 -36.86	63.76 4.99 -8.87	55.22 5.17 0.00	125.09 7.34 -54.52	110.78 6.85 -48.00	156.29 6.76 -96.00	204.59 6.00 -152.58	156.23 4.55 -117.30	79.46 6.23 -25.19	114.05 9.22 -35.46	127.03 10.44 -26.10	154.30 9.06 -70.14	81.71 8.29 -0.05	160.84 15.52 0.00	108.77 10.35 -6.14	130.49 12.85 0.00
CALPINE BETH_PAGE_GT4 24209	86.77 6.22 0.00	85.57 5.98 0.00	84.88 5.90 0.00	72.69 4.93 -4.15	76.63 5.33 0.00	68.20 5.27 0.00	99.74 7.11 -6.69	137.84 5.57 -69.56	78.88 3.40 -36.85	63.25 4.48 -8.87	54.70 4.64 0.00	123.78 6.03 -54.52	109.21 5.28 -48.00	125.80 5.14 -67.14	109.04 4.61 -58.43	155.26 3.60 -117.28	62.27 5.05 -9.18	102.82 7.49 -25.96	124.54 8.74 -25.30	142.50 7.31 -60.09	80.19 6.77 -0.05	158.26 12.94 0.00	106.75 8.33 -6.14	127.70 10.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	86.77 6.22 0.00	85.57 5.98 0.00	84.88 5.90 0.00	72.69 4.93 -4.15	76.62 5.32 0.00	68.20 5.27 0.00	99.71 7.08 -6.69	137.81 5.55 -69.56	78.89 3.41 -36.85	63.23 4.47 -8.87	54.70 4.64 0.00	123.81 6.05 -54.52	109.22 5.29 -48.00	125.80 5.14 -67.14	109.06 4.63 -58.43	155.25 3.59 -117.28	62.27 5.05 -9.18	102.82 7.49 -25.96	124.55 8.75 -25.30	142.51 7.32 -60.09	80.20 6.77 -0.05	158.24 12.92 0.00	106.77 8.35 -6.14	127.70 10.07 0.00
CALPINE_BP_GT1 23823	86.77 6.22 0.00	85.57 5.98 0.00	84.88 5.90 0.00	72.69 4.93 -4.15	76.62 5.32 0.00	68.20 5.27 0.00	99.71 7.08 -6.69	137.81 5.55 -69.56	78.89 3.41 -36.85	63.23 4.47 -8.87	54.70 4.64 0.00	123.81 6.05 -54.52	109.22 5.29 -48.00	125.80 5.14 -67.14	109.06 4.63 -58.43	155.25 3.59 -117.28	62.27 5.05 -9.18	102.82 7.49 -25.96	124.55 8.75 -25.30	142.51 7.32 -60.09	80.20 6.77 -0.05	158.24 12.92 0.00	106.77 8.35 -6.14	127.70 10.07 0.00
CALSPAN___DRP 24200	76.99 -3.56 0.00	75.72 -3.86 0.00	74.30 -4.69 0.00	58.48 -4.00 1.13	66.14 -4.13 1.04	57.47 -3.65 1.82	74.76 -5.94 5.24	46.50 -4.69 11.51	36.50 -2.99 -0.85	45.39 -4.35 0.17	35.31 -4.74 10.01	35.18 -5.63 22.43	45.46 -5.00 5.47	34.11 -4.79 14.62	23.58 -4.09 18.33	17.69 -2.90 13.79	32.30 -3.64 12.10	44.30 -5.11 19.96	71.96 -6.47 12.06	50.48 -5.34 19.28	38.07 -5.44 29.87	75.20 -12.21 57.91	70.51 -7.74 14.03	83.20 -8.83 25.60

CALVERTON___SOLAR 323806	89.03 8.48 0.00	87.65 8.06 0.00	86.89 7.90 0.00	74.31 6.54 -4.15	78.49 7.19 0.00	69.94 7.01 0.00	102.16 9.56 -6.65	139.67 7.27 -69.69	79.72 4.22 -36.86	64.14 5.37 -8.87	55.55 5.49 0.00	125.47 7.71 -54.52	111.21 7.27 -48.00	156.24 7.27 -95.45	206.04 6.46 -153.58	156.53 4.85 -117.30	79.99 6.58 -25.37	114.39 9.65 -35.37	127.47 10.88 -26.09	154.83 9.46 -70.26	82.01 8.58 -0.05	161.64 16.32 0.00	109.19 10.77 -6.14	131.01 13.37 0.00
CANDIGU_WT_PWR 323617	81.06 -3.29 -3.80	77.76 -3.28 -1.45	77.01 -4.02 -2.04	58.63 -3.85 1.13	71.20 -3.96 -3.86	60.93 -3.76 -1.76	72.76 -5.09 8.10	37.25 -4.19 21.26	45.74 -2.93 -10.03	45.25 -4.41 0.25	10.32 -4.70 35.04	-11.25 -5.96 68.53	41.04 -5.42 9.47	7.40 -5.21 40.92	-2.72 -4.45 44.27	3.10 -3.15 28.13	0.05 -3.57 44.42	-21.18 -4.82 85.74	62.40 -6.21 21.88	9.17 -4.88 61.05	-38.71 -4.89 107.20	-46.13 -9.92 181.54	49.19 -6.86 36.23	62.24 -8.55 46.84
CARR STREET_E_SYR 24060	78.93 -1.63 0.00	77.93 -1.66 0.00	77.24 -1.74 0.00	62.54 -1.47 -0.40	69.81 -1.49 0.00	61.66 -1.27 0.00	84.68 -1.54 -0.28	64.58 -1.27 -3.15	38.44 -0.90 -0.71	48.70 -1.37 -0.17	48.68 -1.37 0.00	61.44 -1.80 0.00	54.32 -1.61 0.00	52.01 -1.52 0.00	44.95 -1.24 -0.18	35.42 -0.80 -1.84	47.35 -0.83 -0.15	68.29 -1.08 0.00	88.97 -1.52 0.00	73.82 -1.28 0.00	72.02 -1.35 0.00	142.25 -3.07 0.00	90.06 -2.22 0.00	114.71 -2.93 0.00
CARTHAGE___PAPER 23857	82.13 1.58 0.00	79.41 -0.17 0.00	78.77 -0.22 0.00	62.88 -0.93 -0.20	70.56 -0.74 0.00	62.08 -0.85 0.00	84.73 -1.36 -0.14	62.91 -0.93 -1.14	38.02 -0.62 0.00	49.17 -0.73 0.00	49.64 -0.42 0.00	62.78 -0.46 0.00	55.70 -0.24 0.00	53.04 -0.49 0.00	45.42 -0.58 0.00	33.90 -0.47 0.00	47.50 -0.54 0.00	68.54 -0.83 0.00	89.83 -0.66 0.00	74.46 -0.64 0.00	72.66 -0.72 0.00	144.44 -0.88 0.00	90.97 -1.31 0.00	115.86 -1.77 0.00
CASSADAGA_WT_PWR 323784	64.94 -4.04 11.57	70.89 -4.28 4.42	67.59 -5.18 6.21	53.87 -4.39 5.36	47.65 -4.81 18.85	41.11 -4.04 17.77	67.72 -5.40 12.83	21.04 -4.43 37.23	18.48 -3.19 16.97	33.40 -4.68 11.82	0.70 -4.87 44.48	2.46 -6.00 54.78	34.23 -6.03 15.67	29.27 -5.83 18.43	20.70 -4.96 20.34	14.06 -3.35 16.96	20.20 -4.47 23.37	32.75 -6.64 29.98	40.01 -8.33 42.15	26.04 -6.92 42.15	27.04 -6.96 39.38	69.46 -13.44 62.42	61.49 -8.19 22.60	77.86 -7.51 32.27
CE_DUNWOOD___DRP 24194	85.43 4.88 0.00	84.37 4.78 0.00	83.70 4.71 0.00	71.70 3.95 -4.14	75.63 4.32 0.00	67.20 4.27 0.00	98.80 6.12 -6.74	137.88 4.99 -70.19	78.53 3.06 -36.83	62.71 3.96 -8.84	54.18 4.12 0.00	68.29 5.05 0.00	60.19 4.26 0.00	57.70 4.16 0.00	59.45 3.88 -9.57	134.94 3.03 -97.53	61.01 4.34 -8.64	77.06 6.20 -1.49	97.82 7.33 0.00	81.17 6.07 0.00	79.15 5.77 0.00	156.90 11.57 0.00	99.33 7.05 0.00	126.09 8.46 0.00
CE_MILLWOOD___DRP 24193	85.26 4.71 0.00	84.22 4.63 0.00	83.55 4.56 0.00	71.56 3.82 -4.13	75.48 4.18 0.00	67.06 4.13 0.00	98.62 5.96 -6.72	137.53 4.84 -69.99	78.33 2.96 -36.73	62.55 3.82 -8.82	54.04 3.98 0.00	68.11 4.87 0.00	60.03 4.10 0.00	57.54 4.00 0.00	59.29 3.74 -9.54	134.57 2.93 -97.26	60.85 4.21 -8.61	76.85 6.00 -1.48	97.57 7.08 0.00	80.95 5.85 0.00	78.98 5.60 0.00	156.56 11.24 0.00	99.13 6.85 0.00	125.83 8.20 0.00
CE_NYC2_DRP 24202	85.45 4.90 0.00	84.29 4.70 0.00	83.60 4.61 0.00	71.68 3.92 -4.15	75.53 4.23 0.00	67.21 4.28 0.00	98.75 6.05 -6.75	138.21 5.15 -70.36	78.80 3.24 -36.92	63.05 4.28 -8.87	54.52 4.46 0.00	68.67 5.44 0.00	60.58 4.65 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	135.72 3.26 -98.08	61.63 4.57 -9.02	77.45 6.53 -1.55	98.14 7.65 0.00	81.46 6.36 0.00	79.43 6.05 0.00	157.65 12.33 0.00	99.74 7.46 0.00	126.52 8.89 0.00
CE_NYC_DRP 24195	85.58 5.03 0.00	84.41 4.82 0.00	83.68 4.70 0.00	71.73 3.97 -4.15	75.65 4.34 0.00	67.32 4.39 0.00	98.86 6.16 -6.75	138.21 5.14 -70.36	78.80 3.24 -36.92	63.04 4.28 -8.87	54.53 4.47 0.00	68.70 5.46 0.00	60.59 4.66 0.00	58.08 4.55 0.00	59.76 4.17 -9.59	135.41 3.27 -97.76	61.34 4.64 -8.66	77.46 6.60 -1.49	98.25 7.76 0.00	81.55 6.44 0.00	79.51 6.13 0.00	157.61 12.28 0.00	99.75 7.47 0.00	126.54 8.91 0.00
CHAFFEE___LFGE 323603	66.16 -2.67 11.73	72.12 -2.99 4.48	68.88 -3.81 6.30	55.00 -3.27 5.35	48.99 -3.26 19.05	42.12 -2.89 17.92	68.43 -4.85 12.67	21.53 -3.92 37.25	18.85 -2.52 17.27	45.86 -3.77 0.27	37.60 -4.11 8.36	37.38 -4.77 21.09	42.05 -4.30 9.58	31.04 -4.15 18.34	22.59 -3.53 19.88	15.51 -2.52 16.35	21.18 -2.95 23.90	34.16 -4.18 31.03	42.78 -5.27 42.43	28.07 -4.34 42.69	28.87 -4.52 39.98	72.58 -10.35 62.39	67.77 -6.67 17.84	78.91 -7.46 31.26
CHATEAUG_35_KV_LOAD 355732	80.50 -0.05 0.00	79.23 -0.36 0.00	78.57 -0.41 0.00	63.46 -0.15 0.00	70.43 -0.88 0.00	62.15 -0.78 0.00	83.67 -2.28 0.00	60.46 -2.24 0.00	37.48 -1.16 0.00	48.59 -1.31 0.00	48.97 -1.09 0.00	61.51 -1.72 0.00	55.52 -0.42 0.00	53.69 0.16 0.00	45.40 -0.60 0.00	33.12 -1.26 0.00	46.45 -1.59 0.00	67.36 -2.01 0.00	89.64 -0.85 0.00	74.56 -0.54 0.00	72.21 -1.17 0.00	142.83 -2.49 0.00	91.58 -0.70 0.00	116.63 -1.00 0.00
CHATEAUG_WT_PWR 323614	80.39 -0.16 0.00	79.16 -0.43 0.00	78.47 -0.52 0.00	63.35 -0.26 0.00	70.31 -0.99 0.00	62.02 -0.91 0.00	83.43 -2.52 0.00	60.26 -2.45 0.00	37.36 -1.28 0.00	48.45 -1.45 0.00	48.87 -1.18 0.00	61.27 -1.97 0.00	55.33 -0.60 0.00	53.59 0.06 0.00	45.31 -0.69 0.00	32.99 -1.39 0.00	46.28 -1.76 0.00	67.03 -2.34 0.00	89.32 -1.17 0.00	74.34 -0.77 0.00	72.00 -1.38 0.00	142.45 -2.88 0.00	91.38 -0.90 0.00	116.30 -1.33 0.00
CHAT_HIGH_FALL_HYD 323578	80.50 -0.05 0.00	79.23 -0.36 0.00	78.57 -0.41 0.00	63.46 -0.15 0.00	70.43 -0.88 0.00	62.15 -0.78 0.00	83.67 -2.28 0.00	60.46 -2.24 0.00	37.48 -1.16 0.00	48.59 -1.31 0.00	48.97 -1.09 0.00	61.51 -1.72 0.00	55.52 -0.42 0.00	53.69 0.16 0.00	45.40 -0.60 0.00	33.12 -1.26 0.00	46.45 -1.59 0.00	67.36 -2.01 0.00	89.64 -0.85 0.00	74.56 -0.54 0.00	72.21 -1.17 0.00	142.83 -2.49 0.00	91.58 -0.70 0.00	116.63 -1.00 0.00
CHAUTAUQUA___LFGE 323629	65.91 -3.99 10.65	71.28 -4.23 4.07	68.11 -5.15 5.72	54.25 -4.39 4.97	49.26 -4.64 17.40	42.48 -4.00 16.44	68.06 -5.87 12.01	23.03 -4.64 35.04	20.06 -3.11 15.47	41.34 -4.54 4.02	24.46 -4.88 20.72	24.50 -5.90 32.84	39.21 -5.58 11.15	29.77 -5.37 18.39	21.42 -4.57 20.02	15.01 -3.19 16.18	20.51 -4.01 23.51	32.13 -5.81 31.43	43.36 -7.24 39.89	27.62 -6.04 41.44	26.67 -6.14 40.56	68.26 -13.03 64.03	64.69 -8.30 19.28	77.94 -8.92 30.76
CHERRYST_13_KV_LD 356241	85.81 5.27 0.00	84.64 5.05 0.00	83.92 4.93 0.00	71.92 4.16 -4.15	75.87 4.56 0.00	67.52 4.59 0.00	99.17 6.47 -6.75	138.42 5.36 -70.36	78.93 3.38 -36.92	63.23 4.46 -8.87	54.71 4.66 0.00	68.95 5.71 0.00	60.81 4.88 0.00	58.28 4.75 0.00	59.94 4.35 -9.59	135.54 3.40 -97.76	61.52 4.82 -8.66	77.73 6.86 -1.49	98.58 8.09 0.00	81.79 6.68 0.00	79.73 6.36 0.00	158.05 12.73 0.00	100.03 7.75 0.00	126.87 9.24 0.00

CHESTROR_138KV_BK263 355645	84.64 4.09 0.00	83.65 4.07 0.00	83.01 4.02 0.00	70.82 3.36 -3.85	75.00 3.70 0.00	66.56 3.63 0.00	97.52 5.29 -6.28	132.68 4.31 -65.67	75.77 2.63 -34.51	61.52 3.33 -8.29	53.51 3.46 0.00	67.46 4.23 0.00	59.47 3.54 0.00	57.02 3.49 0.00	58.25 3.28 -8.96	128.26 2.58 -91.30	59.77 3.69 -8.05	75.93 5.25 -1.31	96.68 6.19 0.00	80.25 5.14 0.00	78.29 4.91 0.00	155.15 9.83 0.00	98.25 5.97 0.00	124.81 7.18 0.00
CH_MIDHUDSON___DRP 24192	85.97 5.42 0.00	84.95 5.36 0.00	84.30 5.31 0.00	72.25 4.43 -4.21	76.20 4.90 0.00	67.63 4.70 0.00	99.79 6.87 -6.97	139.54 5.49 -71.34	79.40 3.33 -37.43	63.13 4.24 -8.99	54.38 4.32 0.00	68.60 5.37 0.00	60.43 4.50 0.00	57.90 4.36 0.00	59.82 4.09 -9.72	136.65 3.21 -99.06	61.42 4.64 -8.75	77.52 6.69 -1.46	98.58 8.09 0.00	81.76 6.65 0.00	79.73 6.35 0.00	157.86 12.54 0.00	99.89 7.60 0.00	126.75 9.12 0.00
CH_MISC_IPPS 23765	86.35 5.80 0.00	85.31 5.73 0.00	84.65 5.66 0.00	72.45 4.70 -4.14	76.54 5.24 0.00	67.95 5.03 0.00	100.15 7.37 -6.84	138.74 5.87 -70.17	79.04 3.56 -36.84	63.23 4.48 -8.85	54.65 4.59 0.00	68.98 5.74 0.00	60.77 4.84 0.00	58.24 4.70 0.00	59.96 4.39 -9.57	135.30 3.42 -97.49	61.59 4.95 -8.60	77.92 7.12 -1.43	99.14 8.65 0.00	82.22 7.12 0.00	80.17 6.79 0.00	158.71 13.39 0.00	100.37 8.09 0.00	127.33 9.70 0.00
CH_RES_BVR_FALLS 23983	79.91 -0.64 0.00	78.63 -0.96 0.00	77.76 -1.23 0.00	62.36 -1.25 0.00	69.81 -1.49 0.00	61.51 -1.42 0.00	83.70 -2.24 0.00	61.00 -1.70 0.00	37.65 -0.99 0.00	48.82 -1.09 0.00	49.06 -1.00 0.00	62.02 -1.21 0.00	54.98 -0.95 0.00	52.50 -1.03 0.00	44.81 -1.19 0.00	33.32 -1.06 0.00	46.46 -1.57 0.00	67.26 -2.11 0.00	88.12 -2.37 0.00	73.32 -1.79 0.00	71.74 -1.64 0.00	142.45 -2.87 0.00	90.61 -1.67 0.00	115.72 -1.91 0.00
CH_RES_NIAGARA 23895	73.79 -6.76 0.00	72.32 -7.27 0.00	70.98 -8.00 0.00	56.07 -6.60 0.94	63.46 -6.94 0.90	55.26 -6.10 1.58	71.90 -9.56 4.49	45.92 -7.34 9.43	34.79 -4.66 -0.81	43.28 -6.49 0.13	35.04 -6.80 8.21	36.16 -8.38 18.70	43.85 -7.38 4.70	34.20 -7.09 12.24	24.47 -5.94 15.59	18.41 -4.22 11.76	32.69 -5.65 9.71	45.42 -8.18 15.77	70.14 -10.20 10.15	50.85 -8.45 15.80	40.41 -8.60 24.37	78.18 -18.99 48.15	68.59 -11.83 11.86	82.16 -13.26 22.21
CH_RES_SYRACUSE 23985	79.69 -0.86 0.00	78.65 -0.93 0.00	77.94 -1.05 0.00	63.11 -0.94 -0.44	70.39 -0.91 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.07 -1.02 -0.19	49.03 -1.02 0.00	61.88 -1.35 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.29 -0.93 -0.21	35.94 -0.56 -2.12	47.78 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.68 -0.70 0.00	143.54 -1.78 0.00	90.85 -1.43 0.00	115.66 -1.97 0.00
CLINTON_WT_PWR 323605	80.39 -0.16 0.00	79.16 -0.43 0.00	78.47 -0.52 0.00	63.35 -0.26 0.00	70.31 -0.99 0.00	62.02 -0.91 0.00	83.43 -2.52 0.00	60.26 -2.45 0.00	37.36 -1.28 0.00	48.45 -1.45 0.00	48.87 -1.18 0.00	61.27 -1.97 0.00	55.33 -0.60 0.00	53.59 0.06 0.00	45.31 -0.69 0.00	32.99 -1.39 0.00	46.28 -1.76 0.00	67.03 -2.34 0.00	89.32 -1.17 0.00	74.34 -0.77 0.00	72.00 -1.38 0.00	142.45 -2.88 0.00	91.38 -0.90 0.00	116.30 -1.33 0.00
CLINTON___LFGE 323618	81.74 1.19 0.00	80.55 0.96 0.00	79.75 0.77 0.00	64.40 0.80 0.00	71.55 0.25 0.00	63.18 0.25 0.00	85.07 -0.88 0.00	61.34 -1.36 0.00	38.07 -0.57 0.00	49.24 -0.66 0.00	49.78 -0.28 0.00	62.44 -0.80 0.00	56.34 0.41 0.00	54.55 1.02 0.00	46.16 0.15 0.00	33.61 -0.77 0.00	47.18 -0.86 0.00	68.26 -1.11 0.00	90.84 0.35 0.00	75.65 0.55 0.00	73.28 -0.10 0.00	145.00 -0.33 0.00	92.87 0.59 0.00	118.05 0.42 0.00
COBBLENY_34_KV_TB1 80064	77.85 -2.71 0.00	76.59 -3.00 0.00	75.17 -3.81 0.00	59.12 -3.28 1.21	66.94 -3.27 1.09	58.11 -2.90 1.91	75.55 -4.84 5.55	47.10 -3.93 11.67	36.97 -2.54 -0.88	46.33 -3.75 -0.17	37.57 -4.13 8.36	37.58 -4.81 20.85	46.12 -4.31 5.51	35.01 -4.13 14.38	23.82 -3.53 18.65	17.37 -2.49 14.52	34.16 -3.02 10.85	47.87 -4.21 17.30	73.21 -5.32 11.96	52.63 -4.39 18.08	41.11 -4.55 27.72	78.97 -10.43 55.93	71.71 -6.68 13.89	83.19 -7.47 26.97
COFFEEN___115KV_TB3 355620	81.87 1.32 0.00	79.08 -0.51 0.00	78.43 -0.56 0.00	62.69 -1.15 -0.23	70.33 -0.97 0.00	61.98 -0.95 0.00	84.89 -1.22 -0.16	63.27 -0.74 -1.30	38.11 -0.53 0.00	49.16 -0.74 0.00	49.56 -0.50 0.00	62.67 -0.57 0.00	55.57 -0.36 0.00	52.91 -0.62 0.00	45.46 -0.54 0.00	33.97 -0.40 0.00	47.73 -0.31 0.00	68.97 -0.41 0.00	90.30 -0.19 0.00	74.80 -0.30 0.00	72.97 -0.40 0.00	144.78 -0.54 0.00	90.86 -1.42 0.00	115.51 -2.12 0.00
COLDSPRG_115KV_BK1 355956	80.07 -0.48 0.00	78.98 -0.60 0.00	77.61 -1.37 0.00	60.87 -1.36 1.38	68.92 -1.17 1.21	59.79 -1.02 2.12	77.98 -1.75 6.21	48.69 -1.79 12.22	38.25 -1.28 -0.90	53.65 -2.01 -5.75	58.16 -2.13 -10.23	57.18 -2.38 3.67	50.19 -2.66 3.08	36.80 -2.65 14.08	24.21 -2.31 19.49	16.58 -1.65 16.16	37.36 -2.06 8.62	54.02 -2.94 12.41	74.78 -3.80 11.90	55.97 -3.17 15.97	46.33 -3.15 23.90	86.86 -5.74 52.72	77.17 -3.31 11.80	84.86 -2.88 29.89
COLONIE_LFGE___ 323577	84.58 4.03 0.00	83.84 4.25 0.00	83.20 4.21 0.00	72.63 3.52 -5.50	75.24 3.93 0.00	66.58 3.66 0.00	109.24 5.21 -18.09	157.86 3.77 -91.38	88.32 2.21 -47.47	64.09 2.78 -11.40	52.78 2.72 0.00	66.39 3.16 0.00	58.56 2.63 0.00	56.19 2.66 0.00	60.93 2.59 -12.33	159.98 1.88 -123.72	60.68 2.78 -9.87	73.32 3.99 0.04	95.38 4.89 0.00	79.10 4.00 0.00	77.39 4.01 0.00	152.98 7.66 0.00	97.12 4.84 0.00	123.92 6.29 0.00
COOPERNY_115KV_TB1 80082	83.59 3.04 0.00	82.66 3.07 0.00	82.06 3.07 0.00	69.32 2.55 -3.17	74.12 2.82 0.00	65.63 2.70 0.00	95.09 3.96 -5.18	120.80 3.28 -54.81	69.77 2.06 -29.07	59.49 2.61 -6.98	52.75 2.69 0.00	66.54 3.30 0.00	58.69 2.75 0.00	56.23 2.70 0.00	56.09 2.53 -7.55	113.08 1.99 -76.71	57.41 2.73 -6.64	74.12 3.84 -0.91	95.02 4.53 0.00	78.90 3.79 0.00	77.02 3.64 0.00	152.58 7.26 0.00	96.66 4.38 0.00	122.87 5.24 0.00
COPENHAGEN_WT_PWR 323753	80.91 0.36 0.00	77.80 -1.79 0.00	77.17 -1.82 0.00	61.59 -2.26 -0.24	69.08 -2.22 0.00	60.75 -2.18 0.00	82.99 -3.12 -0.17	61.91 -2.14 -1.34	37.26 -1.38 0.00	48.15 -1.76 0.00	48.56 -1.50 0.00	61.42 -1.82 0.00	54.44 -1.49 0.00	51.80 -1.73 0.00	44.45 -1.55 0.00	33.21 -1.17 0.00	46.60 -1.44 0.00	67.28 -2.09 0.00	88.11 -2.38 0.00	73.02 -2.08 0.00	71.30 -2.08 0.00	141.72 -3.60 0.00	88.99 -3.29 0.00	113.34 -4.30 0.00
CORNELL_____ 23752	82.06 1.51 0.00	81.07 1.49 0.00	80.25 1.27 0.00	72.82 0.87 -8.35	76.76 1.24 -4.21	71.40 1.10 -7.37	115.45 1.94 -27.56	131.87 0.91 -68.25	42.80 0.10 -4.06	52.27 -0.14 -2.50	73.15 -0.19 -23.28	126.24 -0.23 -63.22	76.87 -0.27 -21.21	96.62 -0.21 -43.29	112.24 -0.10 -66.34	109.60 0.04 -75.19	69.66 0.84 -20.78	91.53 1.65 -20.51	129.88 2.12 -37.26	117.82 1.76 -40.95	133.59 1.53 -58.68	298.01 2.56 -150.12	137.67 1.12 -44.27	222.53 1.03 -103.87

CORONA_69_KV_TB1 355595	86.86 6.31 0.00	85.63 6.04 0.00	84.91 5.93 0.00	72.71 4.95 -4.15	76.68 5.37 0.00	68.22 5.29 0.00	100.03 7.23 -6.86	139.33 5.51 -71.12	79.02 3.38 -37.00	63.29 4.52 -8.87	54.86 4.80 0.00	123.88 6.13 -54.52	109.17 5.23 -48.00	124.83 5.10 -66.20	107.80 4.64 -57.17	155.29 3.63 -117.28	62.14 5.13 -8.98	102.82 7.49 -25.96	124.61 8.81 -25.30	142.51 7.45 -59.96	80.38 6.96 -0.05	158.65 13.32 0.00	106.93 8.51 -6.14	127.76 10.13 0.00
CORTLAND_115KV_TB3 80093	81.36 0.81 0.00	80.47 0.88 0.00	79.70 0.72 0.00	66.83 0.43 -2.79	73.17 0.73 -1.14	65.55 0.63 -2.00	95.52 1.24 -8.34	85.57 0.40 -22.46	40.54 -0.14 -2.05	50.40 -0.42 -0.91	56.29 -0.43 -6.66	80.50 -0.59 -17.86	61.25 -0.57 -5.89	65.23 -0.49 -12.19	64.38 -0.36 -18.74	57.44 -0.17 -23.24	53.79 0.45 -5.31	74.56 1.02 -4.17	101.55 1.26 -9.81	86.40 1.05 -10.25	88.77 0.91 -14.48	185.53 1.45 -38.75	104.49 0.50 -11.71	146.14 0.35 -28.15
COXSACKIE__GT 23611	87.35 6.80 0.00	86.61 7.03 0.00	86.03 7.04 0.00	74.63 5.91 -5.11	78.06 6.76 0.00	68.94 6.01 0.00	106.20 8.53 -11.73	154.25 6.20 -85.35	86.86 3.77 -44.45	65.33 4.75 -10.68	54.36 4.30 0.00	68.23 4.99 0.00	60.62 4.69 0.00	58.18 4.65 0.00	61.68 4.13 -11.55	153.47 3.01 -116.08	62.18 4.75 -9.40	76.46 6.88 -0.21	99.14 8.65 0.00	82.02 6.92 0.00	79.86 6.48 0.00	157.94 12.62 0.00	99.85 7.57 0.00	127.07 9.44 0.00
CPV_VALLEY__CC1 323721	84.06 3.51 0.00	83.08 3.50 0.00	82.45 3.47 0.00	70.12 2.91 -3.60	74.47 3.17 0.00	66.07 3.14 0.00	96.40 4.59 -5.87	128.19 3.77 -61.72	73.53 2.33 -32.56	60.69 2.97 -7.82	53.15 3.09 0.00	67.02 3.78 0.00	59.06 3.13 0.00	56.62 3.09 0.00	57.39 2.93 -8.46	122.75 2.30 -86.07	58.81 3.23 -7.54	75.13 4.58 -1.17	95.85 5.36 0.00	79.58 4.48 0.00	77.66 4.28 0.00	153.92 8.60 0.00	97.45 5.18 0.00	123.85 6.21 0.00
CPV_VALLEY__CC2 323722	84.06 3.51 0.00	83.08 3.50 0.00	82.45 3.47 0.00	70.12 2.91 -3.60	74.47 3.17 0.00	66.07 3.14 0.00	96.40 4.59 -5.87	128.19 3.77 -61.72	73.53 2.33 -32.56	60.69 2.97 -7.82	53.15 3.09 0.00	67.02 3.78 0.00	59.06 3.13 0.00	56.62 3.09 0.00	57.39 2.93 -8.46	122.75 2.30 -86.07	58.81 3.23 -7.54	75.13 4.58 -1.17	95.85 5.36 0.00	79.58 4.48 0.00	77.66 4.28 0.00	153.92 8.60 0.00	97.45 5.18 0.00	123.85 6.21 0.00
CRESCENT__HYD 24018	84.58 4.03 0.00	83.84 4.25 0.00	83.20 4.21 0.00	72.63 3.52 -5.50	75.24 3.93 0.00	66.58 3.66 0.00	109.24 5.21 -18.09	157.86 3.77 -91.38	88.32 2.21 -47.47	64.09 2.78 -11.40	52.78 2.72 0.00	66.39 3.16 0.00	58.56 2.63 0.00	56.19 2.66 0.00	60.93 2.59 -12.33	159.98 1.88 -123.72	60.68 2.78 -9.87	73.32 3.99 0.04	95.38 4.89 0.00	79.10 4.00 0.00	77.39 4.01 0.00	152.98 7.66 0.00	97.12 4.84 0.00	123.92 6.29 0.00
CRICKET__VALLEY_CC1 323756	85.00 4.45 0.00	84.11 4.52 0.00	83.42 4.43 0.00	71.77 3.76 -4.40	75.41 4.11 0.00	66.87 3.94 0.00	99.05 5.76 -7.34	141.58 4.56 -74.31	80.34 2.78 -38.92	62.85 3.60 -9.35	53.68 3.62 0.00	67.62 4.39 0.00	59.47 3.54 0.00	56.95 3.42 0.00	59.43 3.32 -10.11	140.00 2.64 -102.98	60.99 3.87 -9.09	76.51 5.63 -1.51	97.26 6.77 0.00	80.64 5.54 0.00	78.70 5.32 0.00	155.82 10.49 0.00	98.77 6.49 0.00	125.46 7.83 0.00
CRICKET__VALLEY_CC2 323757	85.00 4.45 0.00	84.11 4.52 0.00	83.42 4.43 0.00	71.77 3.76 -4.40	75.41 4.11 0.00	66.87 3.94 0.00	99.05 5.76 -7.34	141.58 4.56 -74.31	80.34 2.78 -38.92	62.85 3.60 -9.35	53.68 3.62 0.00	67.62 4.39 0.00	59.47 3.54 0.00	56.95 3.42 0.00	59.43 3.32 -10.11	140.00 2.64 -102.98	60.99 3.87 -9.09	76.51 5.63 -1.51	97.26 6.77 0.00	80.64 5.54 0.00	78.70 5.32 0.00	155.82 10.49 0.00	98.77 6.49 0.00	125.46 7.83 0.00
CRICKET__VALLEY_CC3 323758	85.00 4.45 0.00	84.11 4.52 0.00	83.42 4.43 0.00	71.77 3.76 -4.40	75.41 4.11 0.00	66.87 3.94 0.00	99.05 5.76 -7.34	141.58 4.56 -74.31	80.34 2.78 -38.92	62.85 3.60 -9.35	53.68 3.62 0.00	67.62 4.39 0.00	59.47 3.54 0.00	56.95 3.42 0.00	59.43 3.32 -10.11	140.00 2.64 -102.98	60.99 3.87 -9.09	76.51 5.63 -1.51	97.26 6.77 0.00	80.64 5.54 0.00	78.70 5.32 0.00	155.82 10.49 0.00	98.77 6.49 0.00	125.46 7.83 0.00
CRUCIBLE_METL_DRP 24180	79.69 -0.86 0.00	78.65 -0.94 0.00	77.94 -1.05 0.00	63.11 -0.95 -0.44	70.38 -0.92 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.08 -1.02 -0.19	49.03 -1.02 0.00	61.91 -1.33 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.31 -0.90 -0.21	35.95 -0.54 -2.12	47.79 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.67 -0.71 0.00	143.56 -1.76 0.00	90.85 -1.43 0.00	115.65 -1.98 0.00
DAHOWA__HYDRO 323763	85.61 5.06 0.00	84.89 5.31 0.00	84.12 5.13 0.00	73.43 4.24 -5.58	76.17 4.86 0.00	67.47 4.54 0.00	112.63 6.70 -19.98	160.10 4.80 -92.60	89.45 2.73 -48.09	64.82 3.37 -11.55	53.34 3.29 0.00	67.12 3.88 0.00	59.21 3.28 0.00	56.94 3.41 0.00	61.74 3.25 -12.49	162.09 2.45 -125.26	61.79 3.78 -9.98	74.73 5.43 0.07	97.35 6.86 0.00	80.66 5.56 0.00	78.80 5.43 0.00	155.62 10.30 0.00	98.57 6.29 0.00	125.45 7.82 0.00
DANC__LFGE 323619	79.93 -0.62 0.00	77.65 -1.94 0.00	77.02 -1.97 0.00	61.78 -2.11 -0.28	69.18 -2.12 0.00	60.95 -1.98 0.00	83.38 -2.76 -0.20	62.38 -1.90 -1.59	37.42 -1.22 0.00	48.28 -1.63 0.00	48.57 -1.49 0.00	61.34 -1.90 0.00	54.32 -1.61 0.00	51.80 -1.73 0.00	44.50 -1.50 0.00	33.31 -1.08 0.00	46.71 -1.32 0.00	67.44 -1.93 0.00	88.16 -2.33 0.00	73.09 -2.02 0.00	71.41 -1.97 0.00	141.63 -3.69 0.00	89.20 -3.08 0.00	113.60 -4.03 0.00
DANSKAMMER__1 23586	86.35 5.80 0.00	85.31 5.73 0.00	84.65 5.66 0.00	72.45 4.70 -4.14	76.54 5.24 0.00	67.95 5.03 0.00	100.15 7.37 -6.84	138.74 5.87 -70.17	79.04 3.56 -36.84	63.23 4.48 -8.85	54.65 4.59 0.00	68.98 5.74 0.00	60.77 4.84 0.00	58.24 4.70 0.00	59.96 4.39 -9.57	135.30 3.42 -97.49	61.59 4.95 -8.60	77.92 7.12 -1.43	99.14 8.65 0.00	82.22 7.12 0.00	80.17 6.79 0.00	158.71 13.39 0.00	100.37 8.09 0.00	127.33 9.70 0.00
DANSKAMMER__2 23589	86.35 5.80 0.00	85.31 5.73 0.00	84.65 5.66 0.00	72.45 4.70 -4.14	76.54 5.24 0.00	67.95 5.03 0.00	100.15 7.37 -6.84	138.74 5.87 -70.17	79.04 3.56 -36.84	63.23 4.48 -8.85	54.65 4.59 0.00	68.98 5.74 0.00	60.77 4.84 0.00	58.24 4.70 0.00	59.96 4.39 -9.57	135.30 3.42 -97.49	61.59 4.95 -8.60	77.92 7.12 -1.43	99.14 8.65 0.00	82.22 7.12 0.00	80.17 6.79 0.00	158.71 13.39 0.00	100.37 8.09 0.00	127.33 9.70 0.00
DANSKAMMER__3 23590	86.35 5.80 0.00	85.31 5.73 0.00	84.65 5.66 0.00	72.45 4.70 -4.14	76.54 5.24 0.00	67.95 5.03 0.00	100.15 7.37 -6.84	138.74 5.87 -70.17	79.04 3.56 -36.84	63.23 4.48 -8.85	54.65 4.59 0.00	68.98 5.74 0.00	60.77 4.84 0.00	58.24 4.70 0.00	59.96 4.39 -9.57	135.30 3.42 -97.49	61.59 4.95 -8.60	77.92 7.12 -1.43	99.14 8.65 0.00	82.22 7.12 0.00	80.17 6.79 0.00	158.71 13.39 0.00	100.37 8.09 0.00	127.33 9.70 0.00

DANSKAMMER___4 23591	86.35 5.80 0.00	85.31 5.73 0.00	84.65 5.66 0.00	72.45 4.70 -4.14	76.54 5.24 0.00	67.95 5.03 0.00	100.15 7.37 -6.84	138.74 5.87 -70.17	79.04 3.56 -36.84	63.23 4.48 -8.85	54.65 4.59 0.00	68.98 5.74 0.00	60.77 4.84 0.00	58.24 4.70 0.00	59.96 4.39 -9.57	135.30 3.42 -97.49	61.59 4.95 -8.60	77.92 7.12 -1.43	99.14 8.65 0.00	82.22 7.12 0.00	80.17 6.79 0.00	158.71 13.39 0.00	100.37 8.09 0.00	127.33 9.70 0.00
DANSKAMMER___DIESEL 23592	86.36 5.81 0.00	85.31 5.72 0.00	84.65 5.66 0.00	72.45 4.70 -4.14	76.54 5.24 0.00	67.95 5.02 0.00	100.15 7.37 -6.84	138.73 5.87 -70.17	79.04 3.56 -36.84	63.24 4.48 -8.85	54.65 4.60 0.00	68.95 5.72 0.00	60.77 4.84 0.00	58.22 4.69 0.00	59.94 4.37 -9.57	135.30 3.43 -97.49	61.59 4.96 -8.60	77.93 7.13 -1.43	99.14 8.65 0.00	82.22 7.12 0.00	80.17 6.79 0.00	158.70 13.37 0.00	100.36 8.08 0.00	127.34 9.70 0.00
DARBY___SOLAR 323810	85.27 4.72 0.00	84.54 4.96 0.00	83.80 4.82 0.00	73.17 3.99 -5.57	75.86 4.56 0.00	67.15 4.23 0.00	111.92 6.22 -19.75	159.60 4.47 -92.42	89.18 2.54 -48.00	64.58 3.15 -11.53	53.09 3.03 0.00	66.80 3.56 0.00	58.98 3.05 0.00	56.69 3.16 0.00	61.51 3.04 -12.47	161.69 2.28 -125.04	61.50 3.50 -9.96	74.34 5.03 0.06	96.81 6.32 0.00	80.25 5.15 0.00	78.41 5.03 0.00	154.88 9.56 0.00	98.16 5.88 0.00	124.97 7.34 0.00
DASHVILLE___HYD 23610	87.28 6.73 0.00	86.21 6.62 0.00	85.53 6.54 0.00	73.31 5.42 -4.29	77.36 6.06 0.00	68.75 5.83 0.00	102.36 8.54 -7.88	141.96 6.78 -72.47	80.73 4.10 -37.99	64.16 5.14 -9.12	55.27 5.22 0.00	69.83 6.59 0.00	61.57 5.63 0.00	58.95 5.42 0.00	60.88 5.01 -9.87	138.45 3.93 -100.14	62.43 5.78 -8.62	78.82 8.36 -1.08	100.70 10.21 0.00	83.49 8.39 0.00	81.33 7.95 0.00	160.87 15.55 0.00	101.62 9.34 0.00	128.78 11.14 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	90.98 10.43 0.00	89.56 9.97 0.00	88.77 9.78 0.00	75.86 8.09 -4.15	80.28 8.98 0.00	71.61 8.68 0.00	104.59 11.99 -6.65	141.49 9.09 -69.69	80.73 5.24 -36.86	65.13 6.36 -8.87	56.43 6.38 0.00	126.25 8.50 -54.52	112.02 8.08 -48.00	156.97 8.24 -95.20	207.28 7.34 -153.93	157.20 5.52 -117.30	81.04 7.58 -25.43	115.64 10.93 -35.33	128.74 12.16 -26.09	155.47 10.07 -70.30	81.51 8.08 -0.05	160.63 15.31 0.00	108.37 9.95 -6.14	130.06 12.43 0.00
DELAWARE___LFGE 323621	83.49 2.94 0.00	82.70 3.11 0.00	82.20 3.22 0.00	68.40 2.58 -2.21	74.44 2.95 -0.19	65.68 2.42 -0.33	95.40 3.61 -5.85	99.49 2.98 -33.82	56.92 2.02 -16.26	56.37 2.49 -3.97	53.54 2.52 -0.97	69.14 3.18 -2.72	59.52 2.64 -0.95	57.89 2.48 -1.88	55.36 2.24 -7.11	81.55 1.71 -45.46	54.28 2.07 -4.18	72.96 2.81 -0.78	95.57 3.52 -1.55	79.81 3.02 -1.69	78.66 2.90 -2.38	157.39 5.69 -6.37	97.52 3.32 -1.92	126.24 3.99 -4.63
DERFIELD_115KV_TB7 355931	81.10 0.55 0.00	80.19 0.60 0.00	79.61 0.62 0.00	64.09 0.49 0.00	71.87 0.57 0.00	63.41 0.48 0.00	86.68 0.74 0.00	63.27 0.56 0.00	38.99 0.35 0.00	50.35 0.45 0.00	50.46 0.40 0.00	63.74 0.50 0.00	56.30 0.37 0.00	53.91 0.38 0.00	46.39 0.39 0.00	34.70 0.31 0.00	48.44 0.41 0.00	69.95 0.58 0.00	91.12 0.63 0.00	75.64 0.53 0.00	73.94 0.56 0.00	146.47 1.15 0.00	92.92 0.64 0.00	118.38 0.75 0.00
DOGLEVILLE___HYD 23807	83.43 2.88 0.00	83.01 3.43 0.00	82.41 3.42 0.00	66.54 2.93 0.00	74.69 3.39 0.00	66.10 3.17 0.00	90.81 4.86 0.00	65.96 3.25 0.00	40.40 1.76 0.00	51.94 2.04 0.00	51.60 1.55 0.00	65.25 2.01 0.00	57.57 1.64 0.00	55.28 1.75 0.00	48.07 2.07 0.00	35.82 1.43 0.00	50.09 2.06 0.00	72.52 3.15 0.00	94.34 3.86 0.00	78.33 3.23 0.00	76.74 3.37 0.00	151.89 6.56 0.00	96.21 3.93 0.00	122.13 4.50 0.00
DUNKIRK___115KV_TB_200 55889	76.58 -3.97 0.00	75.40 -4.18 0.00	73.88 -5.11 0.00	58.05 -4.36 1.20	65.61 -4.61 1.09	57.05 -3.99 1.90	74.53 -5.90 5.51	46.03 -4.75 11.92	36.39 -3.11 -0.86	42.52 -4.51 2.87	26.73 -4.90 18.42	26.86 -5.87 30.51	43.36 -5.50 7.07	33.39 -5.29 14.86	22.60 -4.51 18.89	16.76 -3.14 14.48	32.14 -4.03 11.86	44.33 -5.75 19.29	71.04 -7.17 12.29	49.91 -5.99 19.20	37.73 -6.02 29.63	73.98 -12.98 58.37	68.60 -8.26 15.41	81.94 -8.94 26.75
DUNKIRK___1 23563	76.58 -3.97 0.00	75.40 -4.18 0.00	73.88 -5.11 0.00	58.05 -4.36 1.20	65.61 -4.61 1.09	57.05 -3.99 1.90	74.53 -5.90 5.51	46.03 -4.75 11.92	36.39 -3.11 -0.86	42.52 -4.51 2.87	26.73 -4.90 18.42	26.86 -5.87 30.51	43.36 -5.50 7.07	33.39 -5.29 14.86	22.60 -4.51 18.89	16.76 -3.14 14.48	32.14 -4.03 11.86	44.33 -5.75 19.29	71.04 -7.17 12.29	49.91 -5.99 19.20	37.73 -6.02 29.63	73.98 -12.98 58.37	68.60 -8.26 15.41	81.94 -8.94 26.75
DUNKIRK___2 23564	76.58 -3.97 0.00	75.40 -4.18 0.00	73.88 -5.11 0.00	58.05 -4.36 1.20	65.61 -4.61 1.09	57.05 -3.99 1.90	74.53 -5.90 5.51	46.03 -4.75 11.92	36.39 -3.11 -0.86	42.52 -4.51 2.87	26.73 -4.90 18.42	26.86 -5.87 30.51	43.36 -5.50 7.07	33.39 -5.29 14.86	22.60 -4.51 18.89	16.76 -3.14 14.48	32.14 -4.03 11.86	44.33 -5.75 19.29	71.04 -7.17 12.29	49.91 -5.99 19.20	37.73 -6.02 29.63	73.98 -12.98 58.37	68.60 -8.26 15.41	81.94 -8.94 26.75
DUNKIRK___3 23565	76.62 -3.93 0.00	75.44 -4.15 0.00	73.94 -5.05 0.00	58.14 -4.30 1.17	65.73 -4.51 1.06	57.12 -3.95 1.86	74.55 -6.01 5.39	46.00 -4.79 11.91	36.38 -3.11 -0.85	43.69 -4.50 1.72	30.03 -4.86 15.17	29.84 -5.81 27.59	44.17 -5.36 6.40	33.35 -5.13 15.05	22.79 -4.38 18.83	17.10 -3.08 14.20	31.56 -3.94 12.54	43.05 -5.61 20.70	71.07 -7.02 12.40	49.37 -5.83 19.89	36.65 -5.89 30.84	72.84 -12.83 59.65	69.10 -8.14 15.03	82.43 -8.99 26.21
DUNKIRK___4 23566	76.62 -3.93 0.00	75.44 -4.15 0.00	73.94 -5.05 0.00	58.14 -4.30 1.17	65.73 -4.51 1.06	57.12 -3.95 1.86	74.55 -6.01 5.39	46.00 -4.79 11.91	36.38 -3.11 -0.85	43.69 -4.50 1.72	30.03 -4.86 15.17	29.84 -5.81 27.59	44.17 -5.36 6.40	33.35 -5.13 15.05	22.79 -4.38 18.83	17.10 -3.08 14.20	31.56 -3.94 12.54	43.05 -5.61 20.70	71.07 -7.02 12.40	49.37 -5.83 19.89	36.65 -5.89 30.84	72.84 -12.83 59.65	69.10 -8.14 15.03	82.43 -8.99 26.21
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	85.61 5.06 0.00	84.52 4.94 0.00	83.84 4.85 0.00	71.82 4.06 -4.15	75.77 4.46 0.00	67.32 4.39 0.00	98.98 6.28 -6.75	138.18 5.12 -70.36	78.68 3.12 -36.92	62.83 4.06 -8.87	54.29 4.23 0.00	68.43 5.19 0.00	60.32 4.39 0.00	57.83 4.29 0.00	59.58 3.99 -9.59	135.31 3.12 -97.81	61.20 4.45 -8.71	77.22 6.35 -1.50	98.00 7.51 0.00	81.31 6.21 0.00	79.30 5.93 0.00	157.19 11.86 0.00	99.52 7.24 0.00	126.32 8.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	85.59 5.04 0.00	84.58 5.00 0.00	83.91 4.92 0.00	71.71 4.09 -4.01	75.82 4.52 0.00	67.32 4.40 0.00	99.03 6.46 -6.63	136.06 5.22 -68.14	77.64 3.16 -35.83	62.49 3.98 -8.61	54.16 4.11 0.00	68.32 5.08 0.00	60.21 4.28 0.00	57.70 4.17 0.00	59.22 3.91 -9.31	132.26 3.09 -94.79	60.80 4.42 -8.34	77.05 6.33 -1.35	98.08 7.59 0.00	81.40 6.29 0.00	79.37 5.99 0.00	157.19 11.86 0.00	99.47 7.19 0.00	126.22 8.59 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	85.35 4.80 0.00	84.29 4.71 0.00	83.62 4.64 0.00	71.64 3.89 -4.15	75.43 4.12 0.00	67.17 4.24 0.00	98.65 5.95 -6.75	138.20 5.13 -70.36	78.80 3.24 -36.92	63.03 4.26 -8.87	54.49 4.44 0.00	68.67 5.43 0.00	60.59 4.66 0.00	58.11 4.58 0.00	59.71 4.12 -9.59	135.50 3.28 -97.84	61.31 4.52 -8.75	77.40 6.52 -1.51	98.06 7.57 0.00	81.46 6.36 0.00	79.42 6.05 0.00	157.71 12.38 0.00	99.70 7.42 0.00	126.54 8.91 0.00
E179THST_13_KV_LOAD 356214	85.71 5.16 0.00	84.64 5.05 0.00	83.95 4.96 0.00	71.90 4.13 -4.15	75.72 4.41 0.00	67.43 4.50 0.00	99.06 6.36 -6.75	138.52 5.45 -70.36	78.99 3.43 -36.92	63.28 4.51 -8.87	54.75 4.69 0.00	68.98 5.74 0.00	60.88 4.95 0.00	58.38 4.85 0.00	59.95 4.36 -9.59	135.68 3.46 -97.84	61.56 4.78 -8.75	77.79 6.91 -1.51	98.56 8.07 0.00	81.86 6.76 0.00	79.82 6.44 0.00	158.43 13.11 0.00	100.17 7.89 0.00	127.08 9.45 0.00
EAST HAMPTON___GT 23717	91.87 11.31 0.00	90.44 10.85 0.00	89.65 10.67 0.00	76.57 8.81 -4.15	81.12 9.81 0.00	72.40 9.47 0.00	105.66 13.06 -6.65	142.25 9.85 -69.69	81.21 5.71 -36.86	65.72 6.95 -8.87	57.01 6.96 0.00	126.52 8.77 -54.52	112.42 8.48 -48.00	157.59 8.87 -95.18	207.88 7.92 -153.95	157.66 5.98 -117.30	81.76 8.29 -25.43	116.49 11.79 -35.33	129.23 12.65 -26.09	155.23 9.83 -70.30	79.75 6.33 -0.05	156.93 11.61 0.00	105.96 7.54 -6.14	127.23 9.59 0.00
EAST RIVER___6 23660	85.51 4.97 0.00	84.35 4.77 0.00	83.61 4.62 0.00	71.71 3.95 -4.15	75.60 4.29 0.00	67.28 4.35 0.00	98.79 6.09 -6.75	138.12 5.05 -70.36	78.79 3.24 -36.92	63.06 4.29 -8.87	54.56 4.50 0.00	68.75 5.50 0.00	60.61 4.68 0.00	58.12 4.59 0.00	59.81 4.22 -9.59	135.42 3.28 -97.76	61.35 4.66 -8.66	77.48 6.62 -1.49	98.26 7.77 0.00	81.58 6.47 0.00	79.54 6.16 0.00	157.61 12.29 0.00	99.74 7.47 0.00	126.51 8.87 0.00
EAST RIVER___7 23524	85.51 4.97 0.00	84.35 4.77 0.00	83.61 4.62 0.00	71.71 3.95 -4.15	75.60 4.29 0.00	67.28 4.35 0.00	98.79 6.09 -6.75	138.12 5.05 -70.36	78.79 3.24 -36.92	63.06 4.29 -8.87	54.56 4.50 0.00	68.75 5.50 0.00	60.61 4.68 0.00	58.12 4.59 0.00	59.81 4.22 -9.59	135.42 3.28 -97.76	61.35 4.66 -8.66	77.48 6.62 -1.49	98.26 7.77 0.00	81.58 6.47 0.00	79.54 6.16 0.00	157.61 12.29 0.00	99.74 7.47 0.00	126.51 8.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	85.43 4.88 0.00	84.37 4.78 0.00	83.70 4.71 0.00	71.70 3.95 -4.14	75.63 4.32 0.00	67.20 4.27 0.00	98.80 6.12 -6.74	137.88 4.99 -70.19	78.53 3.06 -36.83	62.71 3.96 -8.84	54.18 4.12 0.00	68.29 5.05 0.00	60.19 4.26 0.00	57.70 4.16 0.00	59.45 3.88 -9.57	134.94 3.03 -97.53	61.01 4.34 -8.64	77.06 6.20 -1.49	97.82 7.33 0.00	81.17 6.07 0.00	79.15 5.77 0.00	156.90 11.57 0.00	99.33 7.05 0.00	126.09 8.46 0.00
EAST_HAMPTON___DIESEL 23722	91.89 11.33 0.00	90.46 10.88 0.00	89.67 10.68 0.00	76.59 8.82 -4.15	81.13 9.82 0.00	72.41 9.48 0.00	105.70 13.11 -6.65	142.27 9.87 -69.69	81.23 5.74 -36.86	65.74 6.97 -8.87	57.03 6.98 0.00	126.55 8.79 -54.52	112.43 8.49 -48.00	157.59 8.88 -95.18	207.89 7.94 -153.95	157.66 5.98 -117.30	81.77 8.31 -25.43	116.51 11.81 -35.33	129.28 12.69 -26.09	155.19 9.79 -70.30	79.55 6.12 -0.05	156.53 11.21 0.00	105.71 7.29 -6.14	126.89 9.25 0.00
EAST_POINT___SOLAR 323840	86.50 5.95 0.00	85.36 5.77 0.00	84.70 5.71 0.00	74.19 4.49 -6.09	76.48 5.18 0.00	67.45 4.53 0.00	112.96 6.91 -20.11	169.00 5.41 -100.89	94.16 3.21 -52.31	65.26 2.79 -12.56	52.10 2.04 0.00	66.98 3.74 0.00	59.55 3.61 0.00	57.17 3.63 0.00	62.88 3.29 -13.59	173.19 2.55 -136.27	62.63 3.73 -10.86	74.90 5.60 0.06	97.94 7.45 0.00	81.32 6.22 0.00	79.23 5.85 0.00	156.72 11.40 0.00	98.98 6.70 0.00	125.82 8.19 0.00
EAST_PULASKI___ESR 323781	78.88 -1.67 0.00	77.40 -2.18 0.00	76.80 -2.19 0.00	61.93 -2.00 -0.32	69.23 -2.07 0.00	61.09 -1.85 0.00	83.72 -2.45 -0.23	62.89 -1.63 -1.83	37.62 -1.02 0.00	48.44 -1.46 0.00	48.60 -1.46 0.00	61.26 -1.98 0.00	54.14 -1.79 0.00	51.74 -1.79 0.00	44.51 -1.49 0.00	33.36 -1.02 0.00	46.80 -1.24 0.00	67.58 -1.79 0.00	88.17 -2.31 0.00	73.18 -1.93 0.00	71.50 -1.87 0.00	141.40 -3.93 0.00	89.34 -2.94 0.00	113.73 -3.90 0.00
EAST_RIVER___1 323558	85.57 5.02 0.00	84.41 4.82 0.00	83.68 4.70 0.00	71.73 3.97 -4.15	75.65 4.34 0.00	67.32 4.39 0.00	98.86 6.16 -6.75	138.20 5.14 -70.36	78.80 3.24 -36.92	63.04 4.27 -8.87	54.52 4.46 0.00	68.72 5.48 0.00	60.60 4.67 0.00	58.10 4.56 0.00	59.78 4.19 -9.59	135.41 3.27 -97.76	61.33 4.64 -8.66	77.46 6.59 -1.49	98.26 7.77 0.00	81.53 6.43 0.00	79.52 6.14 0.00	157.61 12.29 0.00	99.74 7.47 0.00	126.56 8.93 0.00
EAST_RIVER___2 323559	85.51 4.97 0.00	84.35 4.77 0.00	83.61 4.62 0.00	71.71 3.95 -4.15	75.60 4.29 0.00	67.28 4.35 0.00	98.79 6.09 -6.75	138.12 5.05 -70.36	78.79 3.24 -36.92	63.06 4.29 -8.87	54.56 4.50 0.00	68.75 5.50 0.00	60.61 4.68 0.00	58.12 4.59 0.00	59.81 4.22 -9.59	135.42 3.28 -97.76	61.35 4.66 -8.66	77.48 6.62 -1.49	98.26 7.77 0.00	81.58 6.47 0.00	79.54 6.16 0.00	157.61 12.29 0.00	99.74 7.47 0.00	126.51 8.87 0.00
EAST___DELAWARE_HYD 23607	87.10 6.55 0.00	86.05 6.46 0.00	85.38 6.40 0.00	72.65 5.25 -3.79	77.19 5.89 0.00	68.58 5.64 0.00	100.75 8.34 -6.46	134.03 6.60 -64.72	76.73 4.01 -34.09	62.97 4.88 -8.19	54.94 4.88 0.00	69.43 6.19 0.00	61.18 5.25 0.00	58.64 5.11 0.00	59.60 4.74 -8.86	128.10 3.71 -90.01	61.21 5.34 -7.83	78.30 7.80 -1.13	100.13 9.64 0.00	83.06 7.95 0.00	80.95 7.57 0.00	160.13 14.80 0.00	101.19 8.91 0.00	128.31 10.68 0.00
EIGHT_POINT___WT_PWR 323820	77.08 -3.48 0.00	75.81 -3.78 0.00	74.13 -4.86 0.00	55.61 -4.66 3.34	63.99 -4.90 2.41	53.94 -4.76 4.22	66.72 -5.89 13.33	39.77 -4.18 18.75	36.24 -3.10 -0.69	44.94 -4.82 0.14	48.64 -5.42 -4.00	47.27 -6.77 9.20	38.89 -6.33 10.71	37.38 -6.11 10.05	13.34 -5.21 27.45	-3.01 -3.57 33.81	59.18 -4.49 -15.64	103.97 -6.18 -40.77	71.74 -7.95 10.80	76.74 -6.19 -7.82	86.10 -6.15 -18.88	118.27 -12.33 14.72	69.01 -8.73 14.54	47.95 -10.20 59.48
ELBRIDGE_115KV_TB2 80188	79.35 -1.20 0.00	78.28 -1.30 0.00	77.56 -1.42 0.00	62.84 -1.24 -0.47	70.09 -1.22 0.00	61.89 -1.04 0.00	85.07 -1.21 -0.33	65.35 -1.12 -3.76	38.64 -0.87 -0.87	48.80 -1.32 -0.21	48.69 -1.36 0.00	61.51 -1.72 0.00	54.35 -1.58 0.00	52.05 -1.48 0.00	45.01 -1.21 -0.23	35.87 -0.77 -2.26	47.51 -0.73 -0.21	68.53 -0.89 -0.04	89.25 -1.24 0.00	74.07 -1.03 0.00	72.27 -1.10 0.00	142.72 -2.60 0.00	90.36 -1.92 0.00	115.06 -2.57 0.00
ELEC_TRO_TEK 24086	86.52 5.97 0.00	85.30 5.72 0.00	84.59 5.61 0.00	72.45 4.69 -4.15	76.39 5.09 0.00	67.97 5.03 0.00	99.58 6.88 -6.76	138.33 5.37 -70.26	78.79 3.23 -36.91	63.11 4.33 -8.87	54.62 4.57 0.00	123.60 5.84 -54.52	108.97 5.04 -48.00	124.61 4.88 -66.20	107.60 4.43 -57.17	155.12 3.46 -117.28	61.88 4.86 -8.98	102.47 7.14 -25.96	124.14 8.34 -25.30	142.06 7.00 -59.96	79.95 6.53 -0.05	157.83 12.50 0.00	106.49 8.07 -6.14	127.24 9.61 0.00

ELLENBURG_WT_PWR 323604	80.39 -0.16 0.00	79.16 -0.43 0.00	78.47 -0.52 0.00	63.35 -0.26 0.00	70.31 -0.99 0.00	62.02 -0.91 0.00	83.43 -2.52 0.00	60.26 -2.45 0.00	37.36 -1.28 0.00	48.45 -1.45 0.00	48.87 -1.18 0.00	61.27 -1.97 0.00	55.33 -0.60 0.00	53.59 0.06 0.00	45.31 -0.69 0.00	32.99 -1.39 0.00	46.28 -1.76 0.00	67.03 -2.34 0.00	89.32 -1.17 0.00	74.34 -0.77 0.00	72.00 -1.38 0.00	142.45 -2.88 0.00	91.38 -0.90 0.00	116.30 -1.33 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	76.18 -4.37 0.00	74.93 -4.66 0.00	73.53 -5.45 0.00	57.92 -4.60 1.09	65.49 -4.80 1.01	56.92 -4.24 1.76	74.06 -6.77 5.12	45.83 -5.27 11.61	36.13 -3.35 -0.84	44.58 -4.79 0.53	33.64 -5.15 11.26	33.66 -6.16 23.41	44.92 -5.49 5.52	33.73 -5.27 14.53	23.50 -4.49 18.01	17.76 -3.20 13.42	31.56 -4.10 12.38	42.97 -5.81 20.60	71.21 -7.33 11.94	49.59 -6.07 19.44	36.99 -6.17 30.22	73.73 -13.72 57.87	69.61 -8.66 14.01	82.88 -9.91 24.84
EMPIRE_CC_1 323656	84.33 3.78 0.00	83.58 4.00 0.00	82.98 4.00 0.00	72.28 3.37 -5.29	75.02 3.71 0.00	66.34 3.42 0.00	101.26 4.80 -10.52	154.32 3.42 -88.20	86.49 1.96 -45.89	63.40 2.48 -11.02	52.37 2.32 0.00	65.70 2.46 0.00	57.78 1.84 0.00	55.42 1.89 0.00	59.84 1.92 -11.92	155.35 1.38 -119.58	59.65 2.05 -9.56	72.26 2.89 0.00	93.73 3.24 0.00	77.73 2.63 0.00	76.07 2.69 0.00	150.73 5.41 0.00	95.79 3.51 0.00	122.57 4.94 0.00
EMPIRE_CC_2 323658	84.33 3.78 0.00	83.58 4.00 0.00	82.98 4.00 0.00	72.28 3.37 -5.29	75.02 3.71 0.00	66.34 3.42 0.00	101.26 4.80 -10.52	154.32 3.42 -88.20	86.49 1.96 -45.89	63.40 2.48 -11.02	52.37 2.32 0.00	65.70 2.46 0.00	57.78 1.84 0.00	55.42 1.89 0.00	59.84 1.92 -11.92	155.35 1.38 -119.58	59.65 2.05 -9.56	72.26 2.89 0.00	93.73 3.24 0.00	77.73 2.63 0.00	76.07 2.69 0.00	150.73 5.41 0.00	95.79 3.51 0.00	122.57 4.94 0.00
ENORWICH_115KV_TB1 80156	87.40 6.86 0.00	86.31 6.73 0.00	85.25 6.26 0.00	72.34 4.74 -3.99	78.58 5.76 -1.51	70.67 5.10 -2.64	105.85 7.89 -12.02	105.37 5.29 -37.38	48.33 2.62 -7.06	55.49 3.33 -2.25	62.07 3.22 -8.80	90.50 3.72 -23.54	66.51 2.84 -7.74	72.18 2.59 -16.06	74.10 2.32 -25.79	78.17 1.79 -42.00	60.25 3.21 -9.01	82.41 4.87 -8.17	110.52 6.58 -13.45	95.76 5.47 -15.19	100.32 5.06 -21.89	210.09 9.81 -54.96	113.47 5.16 -16.03	160.59 5.75 -37.20
ERIE_ST__34_KV_TB1-2 80199	78.94 -1.61 0.00	77.77 -1.82 0.00	76.35 -2.64 0.00	60.14 -2.33 1.13	68.05 -2.21 1.04	59.11 -2.00 1.83	77.00 -3.69 5.26	48.41 -3.04 11.24	37.55 -1.96 -0.87	46.76 -2.97 0.16	37.23 -3.33 9.50	37.81 -3.80 21.63	47.15 -3.33 5.45	36.19 -3.17 14.17	25.23 -2.71 18.06	18.68 -1.93 13.77	34.59 -2.28 11.17	48.09 -3.14 18.14	74.79 -3.97 11.73	53.58 -3.28 18.24	41.91 -3.37 28.10	81.84 -7.89 55.59	73.64 -4.93 13.71	86.40 -5.52 25.72
ERIE_WT_PWR 323693	66.74 -3.49 10.32	71.75 -3.89 3.94	68.73 -4.72 5.54	54.87 -3.97 4.78	50.29 -4.17 16.84	43.39 -3.65 15.90	68.53 -5.90 11.52	24.16 -4.67 33.88	20.71 -2.98 14.95	44.99 -4.36 0.55	35.33 -4.72 10.01	34.98 -5.61 22.64	41.90 -5.01 9.02	30.64 -4.81 18.07	22.48 -4.12 19.40	16.07 -2.93 15.38	20.95 -3.59 23.49	32.32 -5.09 31.96	45.22 -6.46 38.80	28.88 -5.28 40.94	27.29 -5.42 40.66	69.52 -12.20 63.60	66.99 -7.79 17.50	79.35 -8.90 29.37
ESPRGFLD_115KV_TB1 80157	84.33 3.78 0.00	83.13 3.54 0.00	82.50 3.51 0.00	66.21 2.61 0.00	74.32 3.02 0.00	65.43 2.50 0.00	101.47 3.81 -11.72	67.32 3.20 -1.42	41.88 2.12 -1.12	52.57 2.40 -0.27	52.24 2.18 0.00	66.25 3.01 0.00	58.65 2.71 0.00	55.95 2.43 0.00	48.30 2.01 -0.29	38.78 1.49 -2.91	50.17 1.90 -0.23	72.29 2.92 0.00	94.44 3.95 0.00	78.57 3.47 0.00	76.57 3.19 0.00	151.61 6.28 0.00	95.89 3.61 0.00	121.87 4.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	81.97 1.42 0.00	80.98 1.40 0.00	80.17 1.18 0.00	71.30 0.80 -6.89	75.85 1.16 -3.38	69.87 1.03 -5.91	110.24 1.85 -22.45	119.98 0.81 -56.47	42.41 0.03 -3.74	51.81 -0.22 -2.13	68.61 -0.26 -18.81	113.91 -0.31 -50.98	72.63 -0.37 -17.07	88.14 -0.29 -34.90	99.35 -0.18 -53.53	96.05 -0.02 -61.70	65.66 0.75 -16.88	87.53 1.52 -16.64	122.39 1.97 -29.93	109.70 1.63 -32.97	122.07 1.42 -47.27	268.38 2.35 -120.70	128.84 1.00 -35.56	201.88 0.91 -83.34
ETNA____115KV_TB2 80207	81.97 1.42 0.00	80.98 1.40 0.00	80.17 1.18 0.00	71.30 0.80 -6.89	75.85 1.16 -3.38	69.87 1.03 -5.91	110.24 1.85 -22.45	119.98 0.81 -56.47	42.41 0.03 -3.74	51.81 -0.22 -2.13	68.61 -0.26 -18.81	113.91 -0.31 -50.98	72.63 -0.37 -17.07	88.14 -0.29 -34.90	99.35 -0.18 -53.53	96.05 -0.02 -61.70	65.66 0.75 -16.88	87.53 1.52 -16.64	122.39 1.97 -29.93	109.70 1.63 -32.97	122.07 1.42 -47.27	268.38 2.35 -120.70	128.84 1.00 -35.56	201.88 0.91 -83.34
EUCLID____115KV_TB2 356179	78.64 -1.91 0.00	77.68 -1.91 0.00	76.99 -2.00 0.00	62.31 -1.67 -0.37	69.56 -1.74 0.00	61.42 -1.51 0.00	84.30 -1.90 -0.26	64.14 -1.49 -2.92	38.28 -1.02 -0.65	48.57 -1.50 -0.16	48.53 -1.52 0.00	61.28 -1.96 0.00	54.17 -1.76 0.00	51.87 -1.66 0.00	44.81 -1.36 -0.17	35.20 -0.89 -1.71	47.14 -1.03 -0.14	67.97 -1.40 0.00	88.58 -1.91 0.00	73.51 -1.60 0.00	71.74 -1.64 0.00	141.69 -3.64 0.00	89.73 -2.55 0.00	114.34 -3.29 0.00
E_CANADA_CAP_HY 24051	84.94 4.40 0.00	83.65 4.07 0.00	83.00 4.01 0.00	72.96 3.02 -6.33	74.77 3.47 0.00	65.85 2.92 0.00	109.50 4.31 -19.25	170.87 3.54 -104.63	95.12 2.26 -54.22	65.35 2.42 -13.02	51.98 1.93 0.00	66.15 2.91 0.00	58.77 2.84 0.00	56.18 2.65 0.00	62.32 2.23 -14.09	177.29 1.60 -141.31	61.50 2.20 -11.27	72.64 3.32 0.05	95.00 4.52 0.00	79.03 3.93 0.00	77.03 3.66 0.00	152.85 7.52 0.00	96.73 4.45 0.00	123.13 5.50 0.00
E_CANADA_MHWK_HY 24050	83.43 2.88 0.00	83.01 3.43 0.00	82.41 3.42 0.00	66.54 2.93 0.00	74.69 3.39 0.00	66.10 3.17 0.00	90.81 4.86 0.00	65.96 3.25 0.00	40.40 1.76 0.00	51.94 2.04 0.00	51.60 1.55 0.00	65.25 2.01 0.00	57.57 1.64 0.00	55.28 1.75 0.00	48.07 2.07 0.00	35.82 1.43 0.00	50.09 2.06 0.00	72.52 3.15 0.00	94.34 3.86 0.00	78.33 3.23 0.00	76.74 3.37 0.00	151.89 6.56 0.00	96.21 3.93 0.00	122.13 4.50 0.00
E_FISHKILL____LBMP 23776	85.09 4.55 0.00	84.12 4.53 0.00	83.45 4.46 0.00	71.58 3.75 -4.23	75.42 4.12 0.00	66.92 3.99 0.00	98.58 5.76 -6.88	138.95 4.66 -71.60	79.03 2.85 -37.54	62.60 3.68 -9.02	53.85 3.79 0.00	67.88 4.65 0.00	59.80 3.87 0.00	57.30 3.77 0.00	59.30 3.54 -9.75	136.60 2.78 -99.44	60.84 3.99 -8.82	76.63 5.72 -1.54	97.28 6.79 0.00	80.72 5.62 0.00	78.75 5.37 0.00	156.03 10.70 0.00	98.83 6.55 0.00	125.51 7.88 0.00
FALCON____SEABRD_CC1 323796	81.02 0.47 0.00	79.90 0.32 0.00	79.09 0.11 0.00	63.83 0.22 0.00	70.93 -0.37 0.00	62.62 -0.31 0.00	84.17 -1.78 0.00	60.55 -2.16 0.00	37.58 -1.07 0.00	48.68 -1.22 0.00	49.31 -0.75 0.00	61.83 -1.40 0.00	55.85 -0.09 0.00	54.10 0.57 0.00	45.77 -0.23 0.00	33.22 -1.16 0.00	46.71 -1.32 0.00	67.41 -1.96 0.00	89.79 -0.70 0.00	74.84 -0.26 0.00	72.53 -0.84 0.00	143.74 -1.59 0.00	92.14 -0.14 0.00	117.12 -0.51 0.00

FALCON___SEABRD_CC2 323797	81.02 0.47 0.00	79.90 0.32 0.00	79.09 0.11 0.00	63.83 0.22 0.00	70.93 -0.37 0.00	62.62 -0.31 0.00	84.17 -1.78 0.00	60.55 -2.16 0.00	37.58 -1.07 0.00	48.68 -1.22 0.00	49.31 -0.75 0.00	61.83 -1.40 0.00	55.85 -0.09 0.00	54.10 0.57 0.00	45.77 -0.23 0.00	33.22 -1.16 0.00	46.71 -1.32 0.00	67.41 -1.96 0.00	89.79 -0.70 0.00	74.84 -0.26 0.00	72.53 -0.84 0.00	143.74 -1.59 0.00	92.14 -0.14 0.00	117.12 -0.51 0.00
FAR ROCKAWAY___4 23548	87.53 6.98 0.00	86.25 6.66 0.00	85.50 6.51 0.00	73.19 5.43 -4.15	77.21 5.91 0.00	68.75 5.82 0.00	100.80 7.98 -6.87	139.74 5.84 -71.20	79.36 3.71 -37.01	63.70 4.92 -8.87	55.25 5.19 0.00	124.42 6.66 -54.52	109.64 5.71 -48.00	125.32 5.58 -66.20	108.22 5.05 -57.17	155.61 3.95 -117.28	62.61 5.60 -8.98	103.37 8.04 -25.96	125.42 9.62 -25.30	143.27 8.21 -59.96	81.10 7.67 -0.05	159.92 14.59 0.00	107.73 9.32 -6.14	128.71 11.08 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	85.59 5.04 0.00	84.42 4.84 0.00	83.70 4.72 0.00	71.73 3.97 -4.15	75.66 4.36 0.00	67.33 4.40 0.00	98.91 6.21 -6.75	138.23 5.16 -70.36	78.80 3.25 -36.92	63.04 4.28 -8.87	54.53 4.47 0.00	68.70 5.46 0.00	60.59 4.66 0.00	58.07 4.54 0.00	59.76 4.17 -9.59	135.41 3.27 -97.76	61.33 4.64 -8.66	77.46 6.60 -1.49	98.27 7.78 0.00	81.54 6.44 0.00	79.50 6.13 0.00	157.63 12.30 0.00	99.75 7.47 0.00	126.59 8.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	85.65 5.10 0.00	84.47 4.89 0.00	83.76 4.77 0.00	71.77 4.01 -4.15	75.70 4.40 0.00	67.35 4.42 0.00	98.95 6.25 -6.75	138.27 5.21 -70.36	78.82 3.26 -36.92	63.07 4.31 -8.87	54.54 4.49 0.00	68.72 5.48 0.00	60.60 4.67 0.00	58.10 4.57 0.00	59.78 4.19 -9.59	135.43 3.29 -97.76	61.35 4.66 -8.66	77.49 6.63 -1.49	98.32 7.83 0.00	81.57 6.46 0.00	79.55 6.17 0.00	157.75 12.43 0.00	99.81 7.53 0.00	126.62 8.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	85.55 5.00 0.00	84.40 4.81 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.63 4.32 0.00	67.28 4.36 0.00	98.84 6.15 -6.75	138.19 5.12 -70.36	78.77 3.22 -36.92	63.02 4.26 -8.87	54.50 4.44 0.00	68.67 5.43 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.74 4.15 -9.59	135.39 3.25 -97.76	61.31 4.61 -8.66	77.43 6.56 -1.49	98.21 7.72 0.00	81.48 6.38 0.00	79.45 6.07 0.00	157.54 12.21 0.00	99.70 7.42 0.00	126.49 8.86 0.00
FARRAGUT___LBMP 323566	85.49 4.94 0.00	84.33 4.74 0.00	83.62 4.63 0.00	71.67 3.91 -4.15	75.58 4.27 0.00	67.25 4.32 0.00	98.81 6.12 -6.75	138.14 5.08 -70.36	78.74 3.18 -36.92	62.97 4.21 -8.87	54.45 4.39 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.69 4.10 -9.59	135.36 3.21 -97.76	61.26 4.56 -8.66	77.35 6.49 -1.49	98.12 7.63 0.00	81.41 6.31 0.00	79.40 6.02 0.00	157.46 12.13 0.00	99.62 7.35 0.00	126.39 8.76 0.00
FENNER___WINDPWR 24204	82.17 1.62 0.00	81.11 1.53 0.00	80.38 1.39 0.00	66.22 0.95 -1.66	73.22 1.27 -0.65	65.25 1.19 -1.14	92.23 1.93 -4.35	79.51 1.20 -15.61	43.02 0.55 -3.83	51.07 0.56 -0.61	54.02 0.56 -3.41	73.38 0.57 -9.58	60.31 0.47 -3.90	61.19 0.52 -7.14	57.17 0.52 -10.65	48.58 0.42 -13.78	52.06 0.94 -3.08	73.18 1.43 -2.38	97.83 1.77 -5.57	82.33 1.40 -5.82	82.84 1.24 -8.22	169.64 2.31 -22.01	99.95 1.02 -6.65	134.68 1.06 -15.99
FIBERTEK___ENERGY 23856	79.69 -0.86 0.00	78.65 -0.94 0.00	77.94 -1.05 0.00	63.11 -0.95 -0.44	70.38 -0.92 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.08 -1.02 -0.19	49.03 -1.02 0.00	61.91 -1.33 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.31 -0.90 -0.21	35.95 -0.54 -2.12	47.79 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.67 -0.71 0.00	143.56 -1.76 0.00	90.85 -1.43 0.00	115.65 -1.98 0.00
FITZPATRICK____ 23598	77.49 -3.06 0.00	76.53 -3.05 0.00	75.87 -3.12 0.00	61.31 -2.55 -0.25	68.55 -2.76 0.00	60.51 -2.42 0.00	82.90 -3.22 -0.18	61.72 -2.42 -1.44	37.11 -1.53 0.00	47.79 -2.11 0.00	47.89 -2.17 0.00	60.47 -2.77 0.00	53.47 -2.46 0.00	51.18 -2.35 0.00	44.04 -1.97 0.00	33.03 -1.35 0.00	46.25 -1.78 0.00	66.81 -2.56 0.00	87.13 -3.36 0.00	72.31 -2.79 0.00	70.60 -2.78 0.00	139.48 -5.85 0.00	88.45 -3.83 0.00	112.71 -4.93 0.00
FLOWRFLD_69_KV_BK1 356044	88.53 7.97 0.00	87.17 7.58 0.00	86.41 7.42 0.00	73.90 6.14 -4.15	78.01 6.71 0.00	69.50 6.57 0.00	101.49 8.89 -6.65	139.21 6.81 -69.69	79.43 3.93 -36.86	63.94 5.17 -8.87	55.41 5.35 0.00	125.06 7.31 -54.52	110.70 6.77 -48.00	148.96 6.58 -88.84	238.02 5.83 -186.19	156.07 4.38 -117.31	85.08 6.08 -30.97	112.58 9.02 -34.19	126.88 10.39 -26.00	157.90 8.91 -73.89	81.61 8.19 -0.05	160.43 15.11 0.00	108.54 10.12 -6.14	130.47 12.84 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	86.50 5.95 0.00	85.47 5.89 0.00	84.79 5.80 0.00	72.58 4.81 -4.16	76.66 5.36 0.00	68.08 5.15 0.00	100.34 7.54 -6.85	139.14 5.99 -70.45	79.25 3.63 -36.98	63.37 4.58 -8.88	54.74 4.69 0.00	69.08 5.84 0.00	60.88 4.95 0.00	58.33 4.80 0.00	60.07 4.46 -9.61	135.74 3.49 -97.88	61.73 5.06 -8.64	78.09 7.27 -1.45	99.32 8.83 0.00	82.37 7.27 0.00	80.31 6.94 0.00	158.97 13.65 0.00	100.53 8.25 0.00	127.56 9.93 0.00
FORT ORANGE____ 23900	83.35 2.80 0.00	82.62 3.03 0.00	82.08 3.10 0.00	71.75 2.74 -5.40	74.34 3.04 0.00	65.63 2.70 0.00	103.52 3.66 -13.92	155.16 2.55 -89.90	86.98 1.60 -46.74	63.18 2.05 -11.22	51.91 1.86 0.00	65.30 2.06 0.00	57.71 1.78 0.00	55.32 1.79 0.00	59.86 1.72 -12.14	157.40 1.28 -121.74	59.64 1.90 -9.70	72.00 2.70 0.07	93.60 3.11 0.00	77.65 2.54 0.00	75.90 2.52 0.00	150.45 5.12 0.00	95.40 3.12 0.00	121.65 4.02 0.00
FORT_DRUM_COGEN 23780	81.47 0.92 0.00	78.63 -0.95 0.00	78.00 -0.99 0.00	62.30 -1.53 -0.22	69.89 -1.41 0.00	61.54 -1.39 0.00	84.13 -1.97 -0.15	62.65 -1.30 -1.25	37.78 -0.87 0.00	48.77 -1.14 0.00	49.19 -0.87 0.00	62.21 -1.03 0.00	55.15 -0.78 0.00	52.52 -1.01 0.00	45.06 -0.94 0.00	33.66 -0.71 0.00	47.24 -0.79 0.00	68.22 -1.15 0.00	89.34 -1.15 0.00	74.04 -1.06 0.00	72.24 -1.13 0.00	143.47 -1.85 0.00	90.18 -2.10 0.00	114.74 -2.89 0.00
FOX_HILLS___ESR 323835	85.13 4.58 0.00	83.96 4.37 0.00	83.23 4.24 0.00	69.45 3.63 -2.21	72.97 3.78 2.12	67.09 4.16 0.00	94.16 5.65 -2.57	132.70 4.83 -65.17	78.68 3.12 -36.92	62.94 4.17 -8.87	54.35 4.30 0.00	68.36 5.13 0.00	60.24 4.30 0.00	57.77 4.24 0.00	59.47 3.87 -9.59	132.88 3.09 -95.41	57.71 4.34 -5.33	71.78 6.12 3.71	97.66 7.17 0.00	81.12 6.02 0.00	79.10 5.73 0.00	156.81 11.49 0.00	98.44 6.90 0.74	126.03 8.40 0.00
FPL FAR_ROCK_GT1 24212	87.51 6.96 0.00	86.25 6.67 0.00	85.50 6.51 0.00	73.19 5.42 -4.15	77.22 5.91 0.00	68.74 5.81 0.00	100.77 7.95 -6.87	139.73 5.83 -71.20	79.38 3.73 -37.01	63.69 4.92 -8.87	55.25 5.19 0.00	124.43 6.68 -54.52	109.65 5.72 -48.00	125.34 5.60 -66.20	108.24 5.08 -57.17	155.61 3.95 -117.28	62.60 5.59 -8.98	103.36 8.03 -25.96	125.42 9.62 -25.30	143.27 8.21 -59.96	81.10 7.67 -0.05	159.91 14.59 0.00	107.74 9.33 -6.14	128.71 11.08 0.00



FPL FAR_ROCK_GT2 23815	87.51 6.96 0.00	86.25 6.67 0.00	85.50 6.51 0.00	73.19 5.42 -4.15	77.22 5.91 0.00	68.74 5.81 0.00	100.77 7.95 -6.87	139.73 5.83 -71.20	79.38 3.73 -37.01	63.69 4.92 -8.87	55.25 5.19 0.00	124.43 6.68 -54.52	109.65 5.72 -48.00	125.34 5.60 -66.20	108.24 5.08 -57.17	155.61 3.95 -117.28	62.60 5.59 -8.98	103.36 8.03 -25.96	125.42 9.62 -25.30	143.27 8.21 -59.96	81.10 7.67 -0.05	159.91 14.59 0.00	107.74 9.33 -6.14	128.71 11.08 0.00
FRANKLIN_FALL_HYD 24054	81.78 1.23 0.00	80.34 0.75 0.00	79.69 0.71 0.00	64.35 0.74 0.00	71.61 0.31 0.00	63.22 0.29 0.00	85.17 -0.77 0.00	61.72 -0.98 0.00	38.19 -0.45 0.00	49.58 -0.33 0.00	49.95 -0.11 0.00	62.80 -0.44 0.00	56.46 0.53 0.00	54.39 0.86 0.00	46.07 0.07 0.00	33.79 -0.59 0.00	47.29 -0.74 0.00	68.50 -0.87 0.00	90.89 0.40 0.00	75.53 0.42 0.00	73.25 -0.13 0.00	144.83 -0.49 0.00	92.79 0.52 0.00	118.23 0.60 0.00
FREEPORT_EQUS_GT1 23764	86.82 6.27 0.00	85.81 6.22 0.00	85.12 6.13 0.00	72.86 5.10 -4.15	76.86 5.56 0.00	68.42 5.49 0.00	100.10 7.43 -6.73	137.58 5.78 -69.10	78.94 3.49 -36.80	63.36 4.59 -8.87	54.71 4.65 0.00	123.97 6.22 -54.52	109.34 5.41 -48.00	125.01 5.28 -66.20	107.72 4.55 -57.17	155.16 3.50 -117.28	61.94 4.93 -8.98	102.70 7.37 -25.96	124.70 8.91 -25.30	142.27 7.21 -59.96	80.25 6.83 -0.05	158.91 13.58 0.00	107.14 8.73 -6.14	127.97 10.34 0.00
FREEPORT___CT2 23818	86.82 6.27 0.00	85.81 6.22 0.00	85.12 6.13 0.00	72.86 5.10 -4.15	76.86 5.56 0.00	68.42 5.49 0.00	100.10 7.43 -6.73	137.58 5.78 -69.10	78.94 3.49 -36.80	63.36 4.59 -8.87	54.71 4.65 0.00	123.97 6.22 -54.52	109.34 5.41 -48.00	125.01 5.28 -66.20	107.72 4.55 -57.17	155.16 3.50 -117.28	61.94 4.93 -8.98	102.70 7.37 -25.96	124.70 8.91 -25.30	142.27 7.21 -59.96	80.25 6.83 -0.05	158.91 13.58 0.00	107.14 8.73 -6.14	127.97 10.34 0.00
FRESHKLS_33_KV_LOAD 356253	84.94 4.39 0.00	83.73 4.14 0.00	82.99 4.01 0.00	69.29 3.47 -2.21	72.75 3.56 2.12	67.02 4.09 0.00	93.96 5.45 -2.57	132.53 4.65 -65.17	78.60 3.04 -36.92	62.86 4.09 -8.87	54.25 4.19 0.00	68.15 4.92 0.00	54.08 4.08 5.94	54.28 4.01 3.26	57.95 3.68 -8.28	133.05 2.99 -95.68	57.87 4.20 -5.64	70.46 5.86 4.77	97.38 6.89 0.00	80.90 5.80 0.00	78.88 5.50 0.00	156.33 11.01 0.00	98.08 6.55 0.74	120.52 8.04 5.15
FULTON COGEN____ 23766	78.18 -2.37 0.00	77.19 -2.40 0.00	76.51 -2.48 0.00	61.92 -2.05 -0.35	69.15 -2.16 0.00	61.08 -1.85 0.00	83.87 -2.32 -0.25	63.78 -1.72 -2.79	38.13 -1.13 -0.62	48.41 -1.64 -0.15	48.38 -1.68 0.00	61.06 -2.18 0.00	53.94 -1.99 0.00	51.64 -1.89 0.00	44.61 -1.55 -0.16	34.97 -1.03 -1.62	46.94 -1.23 -0.13	67.68 -1.69 0.00	88.18 -2.31 0.00	73.17 -1.93 0.00	71.41 -1.97 0.00	141.01 -4.31 0.00	89.27 -3.01 0.00	113.66 -3.97 0.00
FULTON___LFGE 323630	85.70 5.15 0.00	84.63 5.04 0.00	83.97 4.98 0.00	73.56 3.92 -6.03	75.79 4.49 0.00	66.84 3.91 0.00	112.19 5.92 -20.32	167.27 4.63 -99.94	93.26 2.79 -51.83	65.31 2.96 -12.45	52.17 2.12 0.00	66.43 3.19 0.00	59.13 3.20 0.00	56.76 3.23 0.00	62.39 2.93 -13.46	171.63 2.25 -135.01	62.04 3.25 -10.76	74.16 4.86 0.07	96.81 6.32 0.00	80.41 5.31 0.00	78.38 5.01 0.00	155.12 9.80 0.00	98.07 5.79 0.00	124.74 7.11 0.00
G.F.CEMENT___DRP 24184	85.78 5.23 0.00	85.12 5.53 0.00	84.23 5.25 0.00	73.53 4.32 -5.60	76.35 5.05 0.00	67.68 4.75 0.00	113.47 7.14 -20.38	160.67 5.07 -92.90	89.74 2.86 -48.24	64.99 3.51 -11.59	53.55 3.50 0.00	67.32 4.08 0.00	59.31 3.38 0.00	57.10 3.57 0.00	61.94 3.41 -12.53	162.64 2.61 -125.65	62.16 4.12 -10.01	75.23 5.94 0.07	98.06 7.57 0.00	81.20 6.09 0.00	79.27 5.89 0.00	156.51 11.19 0.00	99.02 6.74 0.00	125.79 8.15 0.00
GARDENVILLE___LBMP 24039	76.57 -3.98 0.00	75.34 -4.25 0.00	73.91 -5.08 0.00	58.15 -4.31 1.15	65.78 -4.47 1.05	57.15 -3.95 1.83	74.31 -6.34 5.30	45.74 -4.96 12.01	36.31 -3.18 -0.85	44.74 -4.58 0.58	33.07 -4.94 12.05	32.44 -5.88 24.91	44.91 -5.26 5.77	33.11 -5.02 15.39	22.80 -4.29 18.91	17.33 -3.05 14.00	30.75 -3.87 13.40	41.42 -5.49 22.47	70.93 -6.93 12.62	48.56 -5.71 20.83	35.11 -5.81 32.46	70.84 -12.92 61.56	69.34 -8.16 14.78	82.52 -9.31 25.80
GARDNVLA_35_KV_LD 355827	77.11 -3.44 0.00	75.84 -3.74 0.00	74.39 -4.60 0.00	58.57 -3.91 1.13	66.23 -4.04 1.04	57.55 -3.57 1.81	74.91 -5.81 5.22	46.78 -4.60 11.33	36.58 -2.92 -0.86	45.47 -4.26 0.16	35.67 -4.66 9.72	35.74 -5.54 21.95	45.57 -4.92 5.43	34.47 -4.72 14.34	23.85 -4.04 18.11	17.81 -2.86 13.71	32.87 -3.55 11.61	45.36 -4.99 19.03	72.38 -6.27 11.85	51.21 -5.19 18.70	39.17 -5.31 28.90	76.75 -12.02 56.56	70.88 -7.58 13.81	83.38 -8.72 25.53
GELCKHM___115KV_LOAD 80723	79.05 -1.50 0.00	78.05 -1.54 0.00	77.35 -1.64 0.00	62.61 -1.40 -0.40	69.87 -1.43 0.00	61.70 -1.23 0.00	84.74 -1.48 -0.28	64.64 -1.21 -3.15	38.49 -0.86 -0.71	48.76 -1.31 -0.17	48.73 -1.32 0.00	61.53 -1.71 0.00	54.38 -1.55 0.00	52.07 -1.46 0.00	45.00 -1.19 -0.18	35.48 -0.75 -1.86	47.38 -0.80 -0.15	68.31 -1.06 0.00	89.03 -1.46 0.00	73.89 -1.22 0.00	72.10 -1.28 0.00	142.42 -2.91 0.00	90.18 -2.10 0.00	114.83 -2.80 0.00
GENERAL___MILLS 23808	76.99 -3.56 0.00	75.72 -3.86 0.00	74.30 -4.69 0.00	58.48 -4.00 1.13	66.14 -4.13 1.04	57.47 -3.65 1.82	74.76 -5.94 5.24	46.50 -4.69 11.51	36.50 -2.99 -0.85	45.39 -4.35 0.17	35.31 -4.74 10.01	35.18 -5.63 22.43	45.46 -5.00 5.47	34.11 -4.79 14.62	23.58 -4.09 18.33	17.69 -2.90 13.79	32.30 -3.64 12.10	44.30 -5.11 19.96	71.96 -6.47 12.06	50.48 -5.34 19.28	38.07 -5.44 29.87	75.20 -12.21 57.91	70.51 -7.74 14.03	83.20 -8.83 25.60
GE_PLASTICS___DRP 24183	83.22 2.67 0.00	82.50 2.91 0.00	81.99 3.00 0.00	71.62 2.61 -5.40	74.14 2.84 0.00	65.42 2.49 0.00	102.11 3.44 -12.72	155.10 2.45 -89.95	86.94 1.54 -46.77	63.10 1.97 -11.23	51.89 1.83 0.00	65.36 2.13 0.00	57.71 1.78 0.00	55.29 1.76 0.00	59.87 1.72 -12.15	157.42 1.28 -121.76	59.53 1.82 -9.67	71.82 2.57 0.12	93.51 3.02 0.00	77.58 2.48 0.00	75.87 2.49 0.00	150.34 5.02 0.00	95.38 3.10 0.00	121.58 3.95 0.00
GILBOA___1 23756	83.12 2.58 0.00	82.65 3.06 0.00	82.49 3.50 0.00	70.73 2.86 -4.25	74.49 3.19 0.00	65.19 2.26 0.00	95.58 3.21 -6.43	137.72 2.44 -72.58	78.48 1.63 -38.21	61.16 2.08 -9.18	52.16 2.10 0.00	65.98 2.74 0.00	58.22 2.28 0.00	55.67 2.14 0.00	57.88 1.96 -9.93	135.43 1.47 -99.58	57.79 1.79 -7.96	71.84 2.47 0.00	93.41 2.92 0.00	77.71 2.61 0.00	76.08 2.70 0.00	150.67 5.35 0.00	95.54 3.26 0.00	121.77 4.14 0.00
GILBOA___2 23757	83.12 2.58 0.00	82.65 3.06 0.00	82.49 3.50 0.00	70.73 2.86 -4.25	74.49 3.19 0.00	65.19 2.26 0.00	95.58 3.21 -6.43	137.72 2.44 -72.58	78.48 1.63 -38.21	61.16 2.08 -9.18	52.16 2.10 0.00	65.98 2.74 0.00	58.22 2.28 0.00	55.67 2.14 0.00	57.88 1.96 -9.93	135.43 1.47 -99.58	57.79 1.79 -7.96	71.84 2.47 0.00	93.41 2.92 0.00	77.71 2.61 0.00	76.08 2.70 0.00	150.67 5.35 0.00	95.54 3.26 0.00	121.77 4.14 0.00

GILBOA___3 23758	83.12 2.58 0.00	82.65 3.06 0.00	82.49 3.50 0.00	70.73 2.86 -4.25	74.49 3.19 0.00	65.19 2.26 0.00	95.58 3.21 -6.43	137.72 2.44 -72.58	78.48 1.63 -38.21	61.16 2.08 -9.18	52.16 2.10 0.00	65.98 2.74 0.00	58.22 2.28 0.00	55.67 2.14 0.00	57.88 1.96 -9.93	135.43 1.47 -99.58	57.79 1.79 -7.96	71.84 2.47 0.00	93.41 2.92 0.00	77.71 2.61 0.00	76.08 2.70 0.00	150.67 5.35 0.00	95.54 3.26 0.00	121.77 4.14 0.00
GILBOA___4 23759	83.12 2.58 0.00	82.65 3.06 0.00	82.49 3.50 0.00	70.73 2.86 -4.25	74.49 3.19 0.00	65.19 2.26 0.00	95.58 3.21 -6.43	137.72 2.44 -72.58	78.48 1.63 -38.21	61.16 2.08 -9.18	52.16 2.10 0.00	65.98 2.74 0.00	58.22 2.28 0.00	55.67 2.14 0.00	57.88 1.96 -9.93	135.43 1.47 -99.58	57.79 1.79 -7.96	71.84 2.47 0.00	93.41 2.92 0.00	77.71 2.61 0.00	76.08 2.70 0.00	150.67 5.35 0.00	95.54 3.26 0.00	121.77 4.14 0.00
GILBOA___ 23599	83.12 2.57 0.00	82.64 3.06 0.00	82.49 3.50 0.00	70.73 2.86 -4.25	74.49 3.19 0.00	65.19 2.26 0.00	95.58 3.21 -6.43	137.71 2.43 -72.58	78.48 1.63 -38.21	61.18 2.09 -9.18	52.16 2.10 0.00	65.98 2.75 0.00	58.22 2.28 0.00	55.67 2.14 0.00	57.88 1.96 -9.93	135.43 1.48 -99.58	57.79 1.79 -7.96	71.84 2.47 0.00	93.42 2.93 0.00	77.72 2.61 0.00	76.08 2.71 0.00	150.67 5.35 0.00	95.54 3.26 0.00	121.77 4.14 0.00
GINNA___ 23603	70.47 -6.26 3.82	71.70 -6.43 1.46	70.19 -6.75 2.05	56.31 -5.52 1.79	59.00 -5.92 6.38	51.69 -5.09 6.15	73.55 -7.14 5.26	46.30 -5.27 11.13	30.88 -3.28 4.48	45.29 -4.46 0.15	42.79 -4.59 2.68	49.95 -5.71 7.58	47.09 -5.05 3.78	42.36 -4.86 6.31	33.74 -4.11 8.15	24.70 -2.97 6.70	38.25 -3.83 5.94	57.73 -5.55 6.09	69.06 -7.13 14.30	56.32 -5.96 12.82	56.47 -6.12 10.78	111.75 -13.29 20.28	76.84 -8.66 6.78	92.25 -10.78 14.61
GLEN PARK___ 23778	81.71 1.16 0.00	78.92 -0.67 0.00	78.25 -0.73 0.00	62.55 -1.29 -0.23	70.16 -1.14 0.00	61.83 -1.10 0.00	84.64 -1.47 -0.16	63.08 -0.92 -1.29	38.00 -0.65 0.00	49.03 -0.88 0.00	49.42 -0.63 0.00	62.50 -0.74 0.00	55.41 -0.52 0.00	52.77 -0.75 0.00	45.32 -0.68 0.00	33.87 -0.51 0.00	47.57 -0.46 0.00	68.73 -0.64 0.00	90.00 -0.49 0.00	74.58 -0.53 0.00	72.75 -0.63 0.00	144.40 -0.93 0.00	90.64 -1.64 0.00	115.20 -2.44 0.00
GLENDALE_27_KV_LOAD 356172	85.80 5.25 0.00	84.61 5.02 0.00	83.91 4.92 0.00	71.90 4.14 -4.15	75.79 4.49 0.00	67.47 4.55 0.00	99.13 6.43 -6.75	138.50 5.43 -70.36	78.99 3.43 -36.92	63.29 4.52 -8.87	54.76 4.70 0.00	68.99 5.75 0.00	60.85 4.92 0.00	58.35 4.82 0.00	59.96 4.37 -9.59	136.00 3.43 -98.18	62.00 4.83 -9.14	77.83 6.89 -1.57	98.62 8.13 0.00	81.85 6.75 0.00	79.81 6.43 0.00	158.38 13.06 0.00	100.16 7.88 0.00	127.06 9.43 0.00
GLENWOOD_IC_1_G5 23712	86.24 5.69 0.00	85.11 5.52 0.00	84.65 5.66 0.00	72.48 4.72 -4.15	76.45 5.16 0.00	67.92 4.99 0.00	99.42 6.76 -6.72	137.96 5.34 -69.91	78.78 3.26 -36.88	63.22 4.45 -8.87	54.73 4.68 0.00	123.69 5.94 -54.52	108.86 4.93 -48.00	124.52 4.78 -66.20	107.54 4.37 -57.17	155.08 3.42 -117.28	61.85 4.83 -8.98	102.35 7.02 -25.96	124.05 8.25 -25.30	141.93 6.87 -59.96	79.88 6.45 -0.05	157.80 12.48 0.00	106.30 7.88 -6.14	126.97 9.34 0.00
GLENWOOD_IC_2_G1 23688	85.89 5.34 0.00	84.78 5.20 0.00	84.11 5.12 0.00	72.05 4.28 -4.15	75.98 4.68 0.00	67.56 4.63 0.00	99.17 6.47 -6.76	138.25 5.17 -70.37	78.74 3.18 -36.93	62.94 4.17 -8.87	54.43 4.37 0.00	123.22 5.46 -54.52	108.55 4.62 -48.00	124.25 4.52 -66.20	107.34 4.17 -57.17	154.90 3.24 -117.28	61.61 4.59 -8.98	101.97 6.64 -25.96	123.63 7.84 -25.30	141.55 6.49 -59.96	79.57 6.15 -0.05	157.47 12.14 0.00	105.96 7.54 -6.14	126.65 9.02 0.00
GLENWOOD_IC_3_G1 23689	85.89 5.34 0.00	84.78 5.20 0.00	84.11 5.12 0.00	72.05 4.28 -4.15	75.98 4.68 0.00	67.56 4.63 0.00	99.17 6.47 -6.76	138.25 5.17 -70.37	78.74 3.18 -36.93	62.94 4.17 -8.87	54.43 4.37 0.00	123.22 5.46 -54.52	108.55 4.62 -48.00	124.25 4.52 -66.20	107.34 4.17 -57.17	154.90 3.24 -117.28	61.61 4.59 -8.98	101.97 6.64 -25.96	123.63 7.84 -25.30	141.55 6.49 -59.96	79.57 6.15 -0.05	157.47 12.14 0.00	105.96 7.54 -6.14	126.65 9.02 0.00
GLENWOOD___4 23550	86.34 5.79 0.00	85.19 5.60 0.00	84.65 5.66 0.00	72.48 4.72 -4.15	76.46 5.16 0.00	67.96 5.03 0.00	99.53 6.86 -6.72	138.03 5.41 -69.91	78.82 3.30 -36.88	63.22 4.45 -8.87	54.73 4.68 0.00	123.69 5.94 -54.52	108.91 4.98 -48.00	124.58 4.84 -66.20	107.59 4.42 -57.17	155.12 3.46 -117.28	61.90 4.89 -8.98	102.45 7.12 -25.96	124.14 8.34 -25.30	142.03 6.97 -59.96	79.97 6.54 -0.05	157.97 12.64 0.00	106.41 8.00 -6.14	127.12 9.49 0.00
GLENWOOD___5 23614	86.34 5.79 0.00	85.19 5.60 0.00	84.65 5.66 0.00	72.48 4.72 -4.15	76.46 5.16 0.00	67.96 5.03 0.00	99.53 6.86 -6.72	138.03 5.41 -69.91	78.82 3.30 -36.88	63.22 4.45 -8.87	54.73 4.68 0.00	123.69 5.94 -54.52	108.91 4.98 -48.00	124.58 4.84 -66.20	107.59 4.42 -57.17	155.12 3.46 -117.28	61.90 4.89 -8.98	102.45 7.12 -25.96	124.14 8.34 -25.30	142.03 6.97 -59.96	79.97 6.54 -0.05	157.97 12.64 0.00	106.41 8.00 -6.14	127.12 9.49 0.00
GLOBAL GREEN_PORT_GT1 23814	91.59 11.04 0.00	90.16 10.57 0.00	89.38 10.39 0.00	76.35 8.59 -4.15	80.85 9.54 0.00	72.15 9.22 0.00	105.32 12.72 -6.65	142.00 9.61 -69.69	81.08 5.58 -36.86	65.61 6.84 -8.87	56.93 6.87 0.00	125.91 8.15 -54.52	112.11 8.17 -48.00	157.47 8.78 -95.16	207.81 7.83 -153.98	157.58 5.90 -117.30	81.67 8.20 -25.44	116.14 11.44 -35.33	128.17 11.58 -26.09	154.65 9.25 -70.30	79.91 6.49 -0.05	157.29 11.96 0.00	106.20 7.79 -6.14	127.87 10.24 0.00
GLOBE___DSASP 323697	73.68 -6.87 0.00	72.21 -7.37 0.00	70.89 -8.10 0.00	55.99 -6.68 0.94	63.36 -7.04 0.90	55.17 -6.19 1.57	71.79 -9.66 4.50	45.63 -7.45 9.63	34.73 -4.72 -0.81	43.20 -6.57 0.13	34.96 -6.88 8.22	36.12 -8.49 18.63	43.76 -7.48 4.69	34.15 -7.18 12.20	24.45 -6.01 15.54	18.40 -4.26 11.73	32.65 -5.72 9.66	45.38 -8.29 15.69	70.04 -10.34 10.11	50.80 -8.57 15.74	40.38 -8.73 24.27	78.08 -11.98 47.97	68.49 -13.43 11.82	82.05 22.15
GOETHSLN___LBMP 323567	84.91 4.36 0.00	83.76 4.17 0.00	83.04 4.05 0.00	71.18 3.42 -4.15	75.04 3.74 0.01	66.82 3.89 0.00	98.20 5.50 -6.75	137.68 4.61 -70.36	78.48 2.92 -36.92	62.66 3.89 -8.87	54.13 4.07 0.00	68.16 4.92 0.00	54.17 4.16 5.93	54.37 4.09 3.25	58.05 3.76 -8.28	134.83 2.99 -97.46	60.09 4.23 -7.83	75.53 5.96 -0.20	97.47 6.98 0.00	80.90 5.79 0.00	78.90 5.52 0.00	156.47 11.15 0.00	99.00 6.71 0.00	120.40 7.92 5.15
GOLAH___69_KV_TB 1_2 80279	77.61 -2.94 0.00	76.37 -3.22 0.00	75.32 -3.67 0.00	59.97 -3.09 0.56	67.54 -3.15 0.61	59.20 -2.65 1.08	78.56 -4.05 3.34	55.59 -3.00 4.11	37.46 -1.89 -0.71	47.16 -2.70 0.04	43.59 -2.87 3.60	50.11 -3.51 9.62	49.80 -3.07 3.06	44.04 -2.96 6.53	34.14 -2.49 9.37	25.24 -1.75 7.39	42.59 -2.11 3.33	62.06 -2.96 4.35	81.15 -3.68 5.66	65.07 -3.11 6.93	59.87 -3.35 10.16	113.18 -8.07 24.07	80.20 -5.30 6.78	96.19 -6.28 15.16

GOODYEAR_LAKE_HYD 323669	84.08 3.53 0.00	83.13 3.54 0.00	82.59 3.61 0.00	67.76 2.80 -1.35	74.55 3.25 0.00	65.63 2.70 0.00	96.85 4.08 -6.82	89.02 3.38 -22.93	52.96 2.27 -12.05	55.51 2.71 -2.89	52.74 2.68 0.00	66.70 3.46 0.00	58.85 2.92 0.00	56.22 2.69 0.00	51.49 2.36 -3.13	67.70 1.78 -31.55	52.85 2.22 -2.59	72.71 3.20 -0.13	94.60 4.11 0.00	78.63 3.53 0.00	76.70 3.33 0.00	151.78 6.45 0.00	96.00 3.72 0.00	122.00 4.37 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	81.34 0.79 0.00	80.50 0.92 0.00	79.73 0.75 0.00	65.46 0.43 -1.41	72.06 0.75 0.00	63.46 0.53 0.00	89.43 1.01 -2.48	74.62 -0.19 -12.11	41.14 -0.73 -3.23	49.57 -1.11 -0.78	49.76 -1.13 -0.84	63.12 -1.48 -1.36	54.59 -1.40 -0.06	53.00 -1.31 -0.78	46.24 -1.12 -1.35	42.09 -0.76 -8.47	48.71 -0.30 -0.97	69.73 0.23 -0.13	91.15 0.66 0.00	75.91 0.81 0.00	74.11 0.73 0.00	146.63 1.31 0.00	92.71 0.43 0.00	117.89 0.26 0.00
GOUDEY___7 23579	81.34 0.79 0.00	80.50 0.92 0.00	79.73 0.75 0.00	65.46 0.43 -1.41	72.06 0.75 0.00	63.46 0.53 0.00	89.43 1.01 -2.48	74.62 -0.19 -12.11	41.14 -0.73 -3.23	49.57 -1.11 -0.78	49.76 -1.13 -0.84	63.12 -1.48 -1.36	54.59 -1.40 -0.06	53.00 -1.31 -0.78	46.24 -1.12 -1.35	42.09 -0.76 -8.47	48.71 -0.30 -0.97	69.73 0.23 -0.13	91.15 0.66 0.00	75.91 0.81 0.00	74.11 0.73 0.00	146.63 1.31 0.00	92.71 0.43 0.00	117.89 0.26 0.00
GOUDEY___8 23580	81.34 0.79 0.00	80.50 0.92 0.00	79.73 0.75 0.00	65.46 0.43 -1.41	72.06 0.75 0.00	63.46 0.53 0.00	89.43 1.01 -2.48	74.62 -0.19 -12.11	41.14 -0.73 -3.23	49.57 -1.11 -0.78	49.76 -1.13 -0.84	63.12 -1.48 -1.36	54.59 -1.40 -0.06	53.00 -1.31 -0.78	46.24 -1.12 -1.35	42.09 -0.76 -8.47	48.71 -0.30 -0.97	69.73 0.23 -0.13	91.15 0.66 0.00	75.91 0.81 0.00	74.11 0.73 0.00	146.63 1.31 0.00	92.71 0.43 0.00	117.89 0.26 0.00
GOWANUS_GT1_1 24077	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_2 24078	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_3 24079	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_4 24080	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_5 24084	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_6 24111	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_7 24112	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT1_8 24113	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GOWANUS_GT2_1 24114	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT2_2 24115	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT2_3 24116	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00

GOWANUS_GT2_4 24117	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT2_5 24118	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT2_6 24119	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT2_7 24120	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT2_8 24121	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
GOWANUS_GT3_1 24122	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_2 24123	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_3 24124	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_4 24125	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_5 24126	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_6 24127	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_7 24128	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT3_8 24129	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
GOWANUS_GT4_1 24130	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GOWANUS_GT4_2 24131	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00

GOWANUS_GT4_3 24132	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GOWANUS_GT4_4 24133	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GOWANUS_GT4_5 24134	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GOWANUS_GT4_6 24135	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GOWANUS_GT4_7 24136	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GOWANUS_GT4_8 24137	84.98 4.85 0.42	83.09 4.67 1.16	82.06 4.56 1.49	64.72 3.86 2.75	73.39 4.09 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.45 5.11 -60.64	75.44 3.27 -33.54	62.61 4.32 -8.39	50.30 4.48 4.23	50.27 5.41 18.39	50.25 4.58 10.26	50.25 4.50 7.78	55.20 4.10 -5.10	134.49 3.26 -96.85	54.15 4.57 -1.54	66.93 6.48 8.92	93.62 7.65 4.51	77.09 6.37 4.39	74.30 6.06 5.14	150.08 12.20 7.44	94.31 7.34 5.31	126.49 8.86 0.00
GREENBSH_115KV_TB3 55895	83.24 2.69 0.00	82.52 2.94 0.00	81.98 2.99 0.00	71.68 2.64 -5.43	74.19 2.89 0.00	65.51 2.58 0.00	103.68 3.54 -14.20	155.50 2.43 -90.37	87.16 1.55 -46.97	63.17 1.99 -11.28	51.84 1.78 0.00	65.25 2.01 0.00	57.59 1.66 0.00	55.20 1.67 0.00	59.87 1.67 -12.20	157.95 1.24 -122.33	59.56 1.79 -9.73	71.80 2.53 0.09	93.41 2.92 0.00	77.47 2.37 0.00	75.76 2.39 0.00	150.21 4.89 0.00	95.30 3.02 0.00	121.48 3.85 0.00
GREENDGE_115KV_TB5 80291	78.52 -2.03 0.00	77.94 -1.65 0.00	76.97 -2.02 0.00	57.60 -1.91 4.10	66.75 -1.73 2.83	56.48 -1.50 4.95	68.36 -1.65 15.93	31.91 -1.48 29.31	37.87 -1.26 -0.49	46.99 -2.01 0.90	39.93 -2.15 7.98	30.81 -2.53 29.90	39.94 -2.39 13.61	29.52 -2.25 21.75	5.54 -1.72 38.73	-7.92 -1.09 41.21	46.67 -1.05 0.32	79.15 -1.58 -11.36	68.45 -2.09 19.94	61.07 -1.43 12.61	57.29 -1.67 14.42	73.70 -4.77 66.85	64.32 -3.30 24.67	43.65 -4.29 69.69
GREENIDGE___3 23582	78.52 -2.03 0.00	77.94 -1.65 0.00	76.97 -2.02 0.00	57.60 -1.91 4.10	66.75 -1.73 2.83	56.48 -1.50 4.95	68.36 -1.65 15.93	31.91 -1.48 29.31	37.87 -1.26 -0.49	46.99 -2.01 0.90	39.93 -2.15 7.98	30.81 -2.53 29.90	39.94 -2.39 13.61	29.52 -2.25 21.75	5.54 -1.72 38.73	-7.92 -1.09 41.21	46.67 -1.05 0.32	79.15 -1.58 -11.36	68.45 -2.09 19.94	61.07 -1.43 12.61	57.29 -1.67 14.42	73.70 -4.77 66.85	64.32 -3.30 24.67	43.65 -4.29 69.69
GREENIDGE___4 23583	80.28 -2.03 -1.76	78.61 -1.64 -0.67	77.90 -2.02 -0.94	58.23 -1.91 3.48	69.45 -1.72 0.14	58.89 -1.50 2.55	69.42 -1.66 14.86	37.97 -1.52 23.22	43.12 -1.26 -5.74	47.10 -2.03 0.77	39.91 -2.17 7.98	30.82 -2.60 29.82	41.09 -2.41 12.43	30.61 -2.31 20.60	5.80 -1.82 38.38	-7.40 -1.14 40.64	50.06 -1.06 -3.09	82.57 -1.58 -14.78	74.19 -2.11 14.19	64.71 -1.48 8.92	59.03 -1.76 12.58	74.55 -4.88 65.89	64.89 -3.32 24.08	44.27 -4.31 69.05
GREENLWN_69_KV_BK 3 55738	86.98 6.43 0.00	85.71 6.12 0.00	84.98 6.00 0.00	72.76 5.00 -4.15	76.70 5.40 0.00	68.22 5.29 0.00	99.63 7.04 -6.65	137.84 5.44 -69.70	78.67 3.17 -36.86	63.06 4.28 -8.87	54.64 4.58 0.00	123.77 6.02 -54.52	109.26 5.33 -48.00	129.03 5.08 -70.42	87.19 4.65 -36.55	155.23 3.58 -117.27	58.51 4.93 -5.55	105.91 7.11 -29.43	124.50 8.42 -25.59	139.90 7.14 -57.66	79.97 6.55 -0.05	157.65 12.33 0.00	106.50 8.08 -6.14	127.43 9.80 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00
GRISSOM___SOLAR 323813	85.64 5.09 0.00	84.63 5.04 0.00	83.93 4.94 0.00	73.54 3.95 -5.98	75.79 4.49 0.00	66.88 3.95 0.00	112.39 5.92 -20.52	166.38 4.60 -99.08	92.77 2.74 -51.39	65.13 2.89 -12.34	52.03 1.97 0.00	66.25 3.01 0.00	58.99 3.05 0.00	56.71 3.18 0.00	62.29 2.94 -13.35	170.52 2.28 -133.86	61.99 3.30 -10.66	74.20 4.91 0.07	96.83 6.34 0.00	80.38 5.28 0.00	78.38 5.00 0.00	155.03 9.71 0.00	98.06 5.78 0.00	124.76 7.13 0.00
GROVEVILLE___HYD 323602	86.50 5.95 0.00	85.47 5.89 0.00	84.79 5.80 0.00	72.58 4.81 -4.16	76.66 5.36 0.00	68.08 5.15 0.00	100.34 7.54 -6.85	139.14 5.99 -70.45	79.25 3.63 -36.98	63.37 4.58 -8.88	54.74 4.69 0.00	69.08 5.84 0.00	60.88 4.95 0.00	58.33 4.80 0.00	60.07 4.46 -9.61	135.74 3.49 -97.88	61.73 5.06 -8.64	78.09 7.27 -1.45	99.32 8.83 0.00	82.37 7.27 0.00	80.31 6.94 0.00	158.97 13.65 0.00	100.53 8.25 0.00	127.56 9.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	79.69 -0.86 0.00	78.65 -0.94 0.00	77.94 -1.05 0.00	63.11 -0.95 -0.44	70.38 -0.92 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.08 -1.02 -0.19	49.03 -1.02 0.00	61.91 -1.33 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.31 -0.90 -0.21	35.95 -0.54 -2.12	47.79 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.67 -0.71 0.00	143.56 -1.76 0.00	90.85 -1.43 0.00	115.65 -1.98 0.00

HAMLTNNY_34_KV_TB 80303	79.82 -0.73 0.00	78.76 -0.82 0.00	78.01 -0.98 0.00	63.20 -0.88 -0.47	70.50 -0.80 0.00	62.26 -0.67 0.00	85.63 -0.64 -0.33	65.79 -0.69 -3.78	38.91 -0.60 -0.87	49.09 -1.02 -0.21	49.02 -1.04 0.00	61.92 -1.32 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.33 -0.90 -0.23	36.11 -0.54 -2.27	47.84 -0.40 -0.21	69.02 -0.39 -0.04	89.89 -0.59 0.00	74.61 -0.50 0.00	72.77 -0.61 0.00	143.61 -1.71 0.00	90.93 -1.35 0.00	115.73 -1.91 0.00
HAMPSHIRE___PAPER_HYD 323593	80.86 0.31 0.00	78.81 -0.78 0.00	78.13 -0.85 0.00	62.59 -1.14 -0.11	70.14 -1.16 0.00	61.58 -1.35 0.00	83.36 -2.67 -0.08	61.20 -2.15 -0.64	37.31 -1.33 0.00	48.49 -1.41 0.00	49.08 -0.98 0.00	62.07 -1.17 0.00	55.18 -0.75 0.00	52.66 -0.86 0.00	44.97 -1.03 0.00	33.45 -0.93 0.00	46.55 -1.49 0.00	66.98 -2.39 0.00	87.91 -2.58 0.00	72.94 -2.17 0.00	71.20 -2.18 0.00	141.62 -3.71 0.00	90.13 -2.15 0.00	115.33 -2.31 0.00
HARDSCRABBLE_WT_PWR 323673	83.10 2.55 0.00	82.56 2.97 0.00	81.96 2.97 0.00	66.11 2.50 0.00	74.19 2.88 0.00	65.60 2.67 0.00	90.03 4.09 0.00	65.46 2.75 0.00	40.15 1.51 0.00	51.67 1.76 0.00	51.40 1.34 0.00	64.97 1.73 0.00	57.30 1.37 0.00	54.88 1.35 0.00	47.64 1.64 0.00	35.40 1.02 0.00	49.43 1.40 0.00	71.61 2.24 0.00	93.34 2.85 0.00	77.65 2.54 0.00	76.07 2.69 0.00	150.59 5.26 0.00	95.53 3.25 0.00	121.28 3.64 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	85.33 4.78 0.00	84.30 4.71 0.00	83.63 4.64 0.00	71.36 3.86 -3.90	75.55 4.24 0.00	67.12 4.19 0.00	98.42 6.13 -6.35	134.00 4.95 -66.35	76.51 3.01 -34.86	62.11 3.83 -8.37	54.04 3.98 0.00	68.12 4.89 0.00	60.03 4.10 0.00	57.55 4.02 0.00	58.83 3.77 -9.06	129.60 2.97 -92.25	60.43 4.26 -8.14	76.80 6.09 -1.34	97.72 7.23 0.00	81.10 6.00 0.00	79.11 5.74 0.00	156.72 11.39 0.00	99.19 6.91 0.00	125.88 8.25 0.00
HARSNRAD_115KV_TB1 81005	74.41 -6.14 0.00	73.30 -6.29 0.00	71.97 -7.02 0.00	56.85 -5.84 0.91	64.24 -6.19 0.88	55.97 -5.42 1.54	71.24 -8.50 6.20	31.44 -6.44 24.82	35.34 -4.05 -0.75	43.96 -5.68 0.27	33.93 -5.84 10.29	38.05 -6.96 18.22	45.13 -6.21 4.58	35.71 -5.89 11.93	25.81 -5.03 15.17	18.80 -3.61 11.98	33.90 -4.69 9.44	47.29 -6.69 15.39	72.14 -8.45 9.90	52.73 -6.96 15.42	42.54 -7.08 23.75	82.64 -15.75 46.93	70.70 -10.01 11.56	84.45 -11.54 21.64
HARZA MOOSE___RIVER 24016	82.38 1.82 0.00	80.41 0.82 0.00	79.77 0.78 0.00	63.79 0.04 -0.14	71.63 0.33 0.00	63.07 0.14 0.00	86.21 0.17 -0.10	63.68 0.17 -0.81	38.71 0.08 0.00	50.03 0.12 0.00	50.36 0.30 0.00	63.64 0.40 0.00	56.33 0.40 0.00	53.76 0.23 0.00	46.14 0.14 0.00	34.44 0.07 0.00	48.22 0.19 0.00	69.58 0.21 0.00	90.95 0.46 0.00	75.45 0.34 0.00	73.68 0.30 0.00	146.24 0.91 0.00	92.28 0.00 0.00	117.60 -0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	79.03 -1.53 0.00	78.05 -1.54 0.00	77.35 -1.64 0.00	62.63 -1.39 -0.40	69.91 -1.39 0.00	61.73 -1.20 0.00	84.78 -1.44 -0.28	64.68 -1.21 -3.18	38.48 -0.87 -0.71	48.76 -1.32 -0.17	48.72 -1.34 0.00	61.51 -1.73 0.00	54.38 -1.55 0.00	52.07 -1.47 0.00	45.00 -1.19 -0.18	35.49 -0.75 -1.86	47.43 -0.78 -0.17	68.41 -1.00 -0.03	89.08 -1.41 0.00	73.91 -1.19 0.00	72.13 -1.25 0.00	142.42 -2.91 0.00	90.17 -2.11 0.00	114.83 -2.80 0.00
HELLGATE_13_KV_LD 55870	85.43 4.87 0.00	84.25 4.66 0.00	83.60 4.61 0.00	71.66 3.90 -4.15	75.50 4.20 0.00	67.19 4.26 0.00	98.73 6.03 -6.75	138.22 5.15 -70.36	78.80 3.24 -36.92	63.04 4.27 -8.87	54.52 4.46 0.00	68.69 5.45 0.00	60.60 4.67 0.00	58.09 4.56 0.00	59.73 4.14 -9.59	135.72 3.27 -98.07	61.61 4.56 -9.02	77.44 6.51 -1.55	98.11 7.62 0.00	81.44 6.34 0.00	79.41 6.03 0.00	157.67 12.35 0.00	99.75 7.47 0.00	126.55 8.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	85.43 4.87 0.00	84.25 4.66 0.00	83.60 4.61 0.00	71.66 3.90 -4.15	75.50 4.20 0.00	67.19 4.26 0.00	98.73 6.03 -6.75	138.22 5.15 -70.36	78.80 3.24 -36.92	63.04 4.27 -8.87	54.52 4.46 0.00	68.69 5.45 0.00	60.60 4.67 0.00	58.09 4.56 0.00	59.73 4.14 -9.59	135.72 3.27 -98.07	61.61 4.56 -9.02	77.44 6.51 -1.55	98.11 7.62 0.00	81.44 6.34 0.00	79.41 6.03 0.00	157.67 12.35 0.00	99.75 7.47 0.00	126.55 8.92 0.00
HEMPSTEAD____ 23647	86.34 5.80 0.00	85.19 5.60 0.00	84.55 5.56 0.00	72.41 4.65 -4.15	76.35 5.05 0.00	67.93 5.00 0.00	99.44 6.78 -6.71	137.66 5.32 -69.64	78.73 3.24 -36.85	63.09 4.32 -8.87	54.57 4.51 0.00	123.60 5.84 -54.52	108.94 5.01 -48.00	124.62 4.88 -66.20	107.58 4.41 -57.17	155.08 3.42 -117.28	61.85 4.83 -8.98	102.42 7.09 -25.96	124.13 8.34 -25.30	141.99 6.93 -59.96	79.90 6.47 -0.05	157.79 12.46 0.00	106.39 7.97 -6.14	127.09 9.46 0.00
HEWLETT_69_KV_BK3 55828	87.16 6.61 0.00	85.89 6.31 0.00	85.16 6.17 0.00	72.91 5.15 -4.15	76.91 5.61 0.00	68.44 5.51 0.00	100.36 7.55 -6.87	139.54 5.64 -71.20	79.16 3.51 -37.01	63.46 4.69 -8.87	55.03 4.97 0.00	124.12 6.37 -54.52	109.38 5.45 -48.00	125.04 5.31 -66.20	107.99 4.82 -57.17	155.42 3.76 -117.28	62.34 5.32 -8.98	103.05 7.72 -25.96	124.96 9.16 -25.30	142.85 7.78 -59.96	80.67 7.25 -0.05	159.17 13.84 0.00	107.27 8.85 -6.14	128.15 10.51 0.00
HICKLING___1 23621	79.10 -1.45 0.00	78.36 -1.23 0.00	77.20 -1.79 0.00	57.92 -1.90 3.79	66.94 -1.57 2.79	56.43 -1.61 4.89	68.85 -1.81 15.29	31.48 -2.17 29.05	37.81 -1.79 -0.96	46.46 -2.66 0.78	35.29 -2.73 12.04	23.45 -3.45 36.34	38.93 -3.22 13.78	25.07 -3.01 25.45	2.58 -2.59 40.83	-7.39 -1.84 39.93	39.23 -1.46 7.34	64.80 -1.61 2.95	65.75 -2.26 22.49	52.28 -1.81 21.01	42.94 -1.83 28.61	55.93 -3.86 85.53	61.92 -3.09 27.27	44.39 -4.41 68.84
HICKLING___2 23622	79.10 -1.45 0.00	78.36 -1.23 0.00	77.20 -1.79 0.00	57.92 -1.90 3.79	66.94 -1.57 2.79	56.43 -1.61 4.89	68.85 -1.81 15.29	31.48 -2.17 29.05	37.81 -1.79 -0.96	46.46 -2.66 0.78	35.29 -2.73 12.04	23.45 -3.45 36.34	38.93 -3.22 13.78	25.07 -3.01 25.45	2.58 -2.59 40.83	-7.39 -1.84 39.93	39.23 -1.46 7.34	64.80 -1.61 2.95	65.75 -2.26 22.49	52.28 -1.81 21.01	42.94 -1.83 28.61	55.93 -3.86 85.53	61.92 -3.09 27.27	44.39 -4.41 68.84
HIGH FALLS___HY 23754	87.80 7.24 0.00	86.67 7.08 0.00	85.98 7.00 0.00	73.52 5.75 -4.16	77.73 6.43 0.00	69.15 6.22 0.00	102.68 9.28 -7.45	140.62 7.48 -70.43	80.12 4.51 -36.97	64.26 5.48 -8.88	55.62 5.57 0.00	70.38 7.14 0.00	61.96 6.03 0.00	59.34 5.81 0.00	61.04 5.43 -9.60	136.18 4.29 -97.51	62.68 6.22 -8.43	79.47 8.98 -1.13	101.54 11.05 0.00	84.21 9.11 0.00	82.02 8.64 0.00	162.18 16.85 0.00	102.38 10.10 0.00	129.69 12.06 0.00
HIGH_RIVER___SOLAR 323847	84.16 3.61 0.00	83.26 3.68 0.00	82.65 3.67 0.00	72.36 2.97 -5.79	74.66 3.36 0.00	65.88 2.95 0.00	111.53 4.35 -21.23	162.01 3.32 -95.98	90.45 2.00 -49.80	64.12 2.26 -11.96	51.59 1.54 0.00	65.41 2.17 0.00	58.11 2.18 0.00	55.79 2.26 0.00	61.11 2.17 -12.94	165.79 1.70 -129.71	60.83 2.47 -10.32	72.87 3.59 0.09	95.03 4.54 0.00	78.88 3.78 0.00	77.01 3.64 0.00	152.36 7.04 0.00	96.54 4.26 0.00	122.95 5.31 0.00

HILLBURN___GT 23639	84.96 4.41 0.00	83.94 4.36 0.00	83.28 4.29 0.00	71.14 3.58 -3.95	75.18 3.88 0.00	66.84 3.91 0.00	98.11 5.73 -6.44	134.58 4.68 -67.20	76.79 2.85 -35.30	62.05 3.67 -8.48	53.89 3.84 0.00	67.91 4.67 0.00	59.79 3.86 0.00	57.34 3.81 0.00	58.77 3.60 -9.17	130.64 2.82 -93.43	60.31 4.03 -8.25	76.48 5.74 -1.37	97.22 6.73 0.00	80.71 5.61 0.00	78.73 5.35 0.00	156.11 10.78 0.00	98.87 6.60 0.00	125.54 7.91 0.00
HILLSIDE_115KV_TB1 80332	78.52 -2.03 0.00	77.90 -1.69 0.00	76.81 -2.18 0.00	57.93 -2.18 3.50	66.84 -1.81 2.65	56.42 -1.88 4.63	69.51 -2.10 14.33	32.89 -2.60 27.22	37.67 -2.07 -1.10	46.25 -2.96 0.69	35.58 -2.95 11.53	24.85 -3.74 34.65	39.37 -3.48 13.08	26.03 -3.25 24.25	4.42 -2.84 38.75	-5.05 -2.04 37.39	39.31 -1.63 7.10	64.44 -1.76 3.17	66.61 -2.49 21.39	52.87 -2.06 20.17	43.80 -2.04 27.53	59.59 -4.07 81.66	63.15 -3.19 25.94	47.63 -4.72 65.28
HISHELDN_WT_PWR 323625	70.27 -4.61 5.67	72.68 -4.74 2.17	70.25 -5.69 3.05	55.12 -4.95 3.54	56.17 -5.14 9.99	48.24 -4.66 10.02	68.48 -7.25 10.21	27.31 -5.56 29.83	28.19 -3.63 6.82	44.17 -5.28 0.45	25.74 -5.64 18.68	18.18 -6.83 38.22	40.77 -6.12 9.04	21.76 -5.94 25.82	13.56 -5.02 27.42	11.65 -3.58 19.15	12.19 -4.43 31.41	11.28 -6.34 51.75	48.96 -8.12 33.41	20.07 -6.52 48.51	2.48 -6.65 64.25	26.86 -14.38 104.09	59.25 -9.31 23.72	72.45 -10.97 34.21
HOLTSVILLE_IC_1 23690	88.16 7.61 0.00	86.83 7.24 0.00	86.08 7.09 0.00	73.64 5.88 -4.15	77.72 6.42 0.00	69.19 6.26 0.00	100.99 8.40 -6.65	138.79 6.40 -69.69	79.24 3.74 -36.86	63.68 4.91 -8.87	55.20 5.14 0.00	124.84 7.08 -54.52	110.46 6.52 -48.00	156.59 6.37 -96.70	203.29 5.68 -151.62	156.01 4.33 -117.30	79.05 5.99 -25.03	113.92 8.91 -35.64	126.76 10.15 -26.12	153.88 8.74 -70.03	81.42 8.00 -0.05	160.11 14.78 0.00	108.39 9.97 -6.14	130.01 12.38 0.00
HOLTSVILLE_IC_10 23699	88.64 8.09 0.00	87.26 7.67 0.00	86.52 7.54 0.00	73.99 6.23 -4.15	78.10 6.80 0.00	69.57 6.64 0.00	101.57 8.98 -6.65	139.23 6.83 -69.70	79.49 4.00 -36.86	63.99 5.22 -8.87	55.47 5.42 0.00	125.19 7.43 -54.52	110.82 6.88 -48.00	150.83 6.75 -90.56	211.18 6.01 -159.17	156.25 4.57 -117.30	80.71 6.32 -26.36	113.41 9.39 -34.65	127.31 10.78 -26.04	155.29 9.27 -70.92	81.93 8.51 -0.05	161.12 15.80 0.00	108.95 10.53 -6.14	130.76 13.13 0.00
HOLTSVILLE_IC_2 23691	88.16 7.61 0.00	86.83 7.24 0.00	86.08 7.09 0.00	73.64 5.88 -4.15	77.72 6.42 0.00	69.19 6.26 0.00	100.99 8.40 -6.65	138.79 6.40 -69.69	79.24 3.74 -36.86	63.68 4.91 -8.87	55.20 5.14 0.00	124.84 7.08 -54.52	110.46 6.52 -48.00	156.59 6.37 -96.70	203.29 5.68 -151.62	156.01 4.33 -117.30	79.05 5.99 -25.03	113.92 8.91 -35.64	126.76 10.15 -26.12	153.88 8.74 -70.03	81.42 8.00 -0.05	160.11 14.78 0.00	108.39 9.97 -6.14	130.01 12.38 0.00
HOLTSVILLE_IC_3 23692	88.16 7.61 0.00	86.83 7.24 0.00	86.08 7.09 0.00	73.64 5.88 -4.15	77.72 6.42 0.00	69.19 6.26 0.00	100.99 8.40 -6.65	138.79 6.40 -69.69	79.24 3.74 -36.86	63.68 4.91 -8.87	55.20 5.14 0.00	124.84 7.08 -54.52	110.46 6.52 -48.00	156.59 6.37 -96.70	203.29 5.68 -151.62	156.01 4.33 -117.30	79.05 5.99 -25.03	113.92 8.91 -35.64	126.76 10.15 -26.12	153.88 8.74 -70.03	81.42 8.00 -0.05	160.11 14.78 0.00	108.39 9.97 -6.14	130.01 12.38 0.00
HOLTSVILLE_IC_4 23693	88.16 7.61 0.00	86.83 7.24 0.00	86.08 7.09 0.00	73.64 5.88 -4.15	77.72 6.42 0.00	69.19 6.26 0.00	100.99 8.40 -6.65	138.79 6.40 -69.69	79.24 3.74 -36.86	63.68 4.91 -8.87	55.20 5.14 0.00	124.84 7.08 -54.52	110.46 6.52 -48.00	156.59 6.37 -96.70	203.29 5.68 -151.62	156.01 4.33 -117.30	79.05 5.99 -25.03	113.92 8.91 -35.64	126.76 10.15 -26.12	153.88 8.74 -70.03	81.42 8.00 -0.05	160.11 14.78 0.00	108.39 9.97 -6.14	130.01 12.38 0.00
HOLTSVILLE_IC_5 23694	88.16 7.61 0.00	86.83 7.24 0.00	86.08 7.09 0.00	73.64 5.88 -4.15	77.72 6.42 0.00	69.19 6.26 0.00	100.99 8.40 -6.65	138.79 6.40 -69.69	79.24 3.74 -36.86	63.68 4.91 -8.87	55.20 5.14 0.00	124.84 7.08 -54.52	110.46 6.52 -48.00	156.59 6.37 -96.70	203.29 5.68 -151.62	156.01 4.33 -117.30	79.05 5.99 -25.03	113.92 8.91 -35.64	126.76 10.15 -26.12	153.88 8.74 -70.03	81.42 8.00 -0.05	160.11 14.78 0.00	108.39 9.97 -6.14	130.01 12.38 0.00
HOLTSVILLE_IC_6 23695	88.64 8.09 0.00	87.26 7.67 0.00	86.52 7.54 0.00	73.99 6.23 -4.15	78.10 6.80 0.00	69.57 6.64 0.00	101.57 8.98 -6.65	139.23 6.83 -69.70	79.49 4.00 -36.86	63.99 5.22 -8.87	55.47 5.42 0.00	125.19 7.43 -54.52	110.82 6.88 -48.00	150.83 6.75 -90.56	211.18 6.01 -159.17	156.25 4.57 -117.30	80.71 6.32 -26.36	113.41 9.39 -34.65	127.31 10.78 -26.04	155.29 9.27 -70.92	81.93 8.51 -0.05	161.12 15.80 0.00	108.95 10.53 -6.14	130.76 13.13 0.00
HOLTSVILLE_IC_7 23696	88.64 8.09 0.00	87.26 7.67 0.00	86.52 7.54 0.00	73.99 6.23 -4.15	78.10 6.80 0.00	69.57 6.64 0.00	101.57 8.98 -6.65	139.23 6.83 -69.70	79.49 4.00 -36.86	63.99 5.22 -8.87	55.47 5.42 0.00	125.19 7.43 -54.52	110.82 6.88 -48.00	150.83 6.75 -90.56	211.18 6.01 -159.17	156.25 4.57 -117.30	80.71 6.32 -26.36	113.41 9.39 -34.65	127.31 10.78 -26.04	155.29 9.27 -70.92	81.93 8.51 -0.05	161.12 15.80 0.00	108.95 10.53 -6.14	130.76 13.13 0.00
HOLTSVILLE_IC_8 23697	88.64 8.09 0.00	87.26 7.67 0.00	86.52 7.54 0.00	73.99 6.23 -4.15	78.10 6.80 0.00	69.57 6.64 0.00	101.57 8.98 -6.65	139.23 6.83 -69.70	79.49 4.00 -36.86	63.99 5.22 -8.87	55.47 5.42 0.00	125.19 7.43 -54.52	110.82 6.88 -48.00	150.83 6.75 -90.56	211.18 6.01 -159.17	156.25 4.57 -117.30	80.71 6.32 -26.36	113.41 9.39 -34.65	127.31 10.78 -26.04	155.29 9.27 -70.92	81.93 8.51 -0.05	161.12 15.80 0.00	108.95 10.53 -6.14	130.76 13.13 0.00
HOLTSVILLE_IC_9 23698	88.64 8.09 0.00	87.26 7.67 0.00	86.52 7.54 0.00	73.99 6.23 -4.15	78.10 6.80 0.00	69.57 6.64 0.00	101.57 8.98 -6.65	139.23 6.83 -69.70	79.49 4.00 -36.86	63.99 5.22 -8.87	55.47 5.42 0.00	125.19 7.43 -54.52	110.82 6.88 -48.00	150.83 6.75 -90.56	211.18 6.01 -159.17	156.25 4.57 -117.30	80.71 6.32 -26.36	113.41 9.39 -34.65	127.31 10.78 -26.04	155.29 9.27 -70.92	81.93 8.51 -0.05	161.12 15.80 0.00	108.95 10.53 -6.14	130.76 13.13 0.00
HOMER_HL_115KV_TB2 355744	80.47 -0.08 0.00	79.53 -0.06 0.00	78.31 -0.68 0.00	61.37 -0.77 1.47	69.55 -0.48 1.28	59.99 -0.71 2.24	77.34 -2.04 6.57	48.38 -1.94 12.38	38.23 -1.33 -0.92	50.30 -1.91 -2.31	48.45 -1.86 -0.26	48.54 -1.93 12.77	49.16 -1.67 5.10	38.18 -1.67 13.68	24.71 -1.50 19.79	16.09 -1.27 17.02	39.56 -1.52 6.96	58.32 -2.17 8.87	75.72 -3.06 11.71	58.27 -2.53 14.31	49.89 -2.53 20.95	90.84 -4.67 49.82	76.91 -2.30 13.06	83.60 -2.53 31.50
HOWARD_WT_PWR 323690	77.15 -3.40 0.00	75.86 -3.72 0.00	74.20 -4.79 0.00	55.30 -4.62 3.69	63.82 -4.86 2.62	53.66 -4.68 4.58	65.60 -5.77 14.58	36.46 -4.06 22.19	36.25 -3.03 -0.65	44.86 -4.77 0.27	46.34 -5.34 -1.63	42.36 -6.68 14.20	37.85 -6.24 11.84	34.31 -6.03 13.19	9.54 -5.15 31.32	-6.24 -3.50 37.11	56.48 -4.46 -12.91	99.13 -6.20 -35.96	69.15 -7.95 13.39	72.45 -6.18 -3.53	79.41 -6.14 -12.17	105.77 -12.26 27.29	66.13 -8.64 17.50	43.00 -10.06 64.58

HQ_GEN_CEDARS 23644	80.75 0.20 0.00	79.41 -0.17 0.00	78.76 -0.23 0.00	63.42 -0.19 0.00	70.94 -0.37 0.00	62.49 -0.44 0.00	84.62 -1.33 0.00	61.46 -1.24 0.00	37.92 -0.72 0.00	49.23 -0.67 0.00	49.59 -0.46 0.00	62.74 -0.50 0.00	55.81 -0.12 0.00	53.36 -0.17 0.00	45.45 -0.55 0.00	33.76 -0.62 0.00	47.02 -1.02 0.00	67.91 -1.46 0.00	89.21 -1.27 0.00	74.03 -1.07 0.00	72.28 -1.10 0.00	143.38 -1.95 0.00	91.67 -0.61 0.00	117.26 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	80.75 0.20 0.00	79.42 -0.17 0.00	78.76 -0.23 0.00	63.42 -0.19 0.00	70.94 -0.36 0.00	62.49 -0.44 0.00	84.62 -1.32 0.00	61.46 -1.24 0.00	37.92 -0.72 0.00	49.24 -0.66 0.00	49.59 -0.47 0.00	62.74 -0.50 0.00	55.82 -0.12 0.00	53.36 -0.17 0.00	45.46 -0.54 0.00	33.77 -0.61 0.00	47.01 -1.02 0.00	67.90 -1.47 0.00	89.21 -1.27 0.00	74.03 -1.07 0.00	72.28 -1.10 0.00	143.37 -1.95 0.00	91.67 -0.61 0.00	117.26 -0.37 0.00
HQ_GEN_IMPORT 323601	79.93 -0.62 0.00	78.78 -0.81 0.00	78.18 -0.81 0.00	62.97 -0.64 0.00	70.46 -0.84 0.00	62.19 -0.74 0.00	82.49 -1.37 2.09	61.60 -1.10 0.00	37.98 -0.66 0.00	49.21 -0.69 0.00	49.45 -0.61 0.00	62.56 -0.68 0.00	55.56 -0.38 0.00	53.12 -0.41 0.00	45.37 -0.63 0.00	33.77 -0.61 0.00	47.11 -0.93 0.00	68.08 -1.29 0.00	89.23 -1.26 0.00	74.05 -1.06 0.00	72.31 -1.06 0.00	143.48 -1.84 0.00	90.81 -0.83 0.63	116.80 -0.83 0.00
HQ_GEN_WHEEL 23651	79.93 -0.62 0.00	78.78 -0.81 0.00	78.18 -0.81 0.00	62.97 -0.64 0.00	70.46 -0.84 0.00	62.19 -0.74 0.00	82.49 -1.37 2.09	61.60 -1.10 0.00	37.98 -0.66 0.00	49.21 -0.69 0.00	49.45 -0.61 0.00	62.56 -0.68 0.00	55.56 -0.38 0.00	53.12 -0.41 0.00	45.37 -0.63 0.00	33.77 -0.61 0.00	47.11 -0.93 0.00	68.08 -1.29 0.00	89.23 -1.26 0.00	74.05 -1.06 0.00	72.31 -1.06 0.00	143.48 -1.84 0.00	90.81 -0.83 0.63	116.80 -0.83 0.00
HUDSON_AVE_GT_3 23810	85.67 5.12 0.00	84.49 4.91 0.00	83.78 4.79 0.00	71.79 4.03 -4.15	75.72 4.42 0.00	67.38 4.45 0.00	98.99 6.29 -6.75	138.28 5.22 -70.36	78.84 3.28 -36.92	63.09 4.32 -8.87	54.56 4.51 0.00	68.76 5.52 0.00	60.64 4.71 0.00	58.13 4.60 0.00	59.81 4.21 -9.59	135.45 3.31 -97.76	61.39 4.69 -8.66	77.54 6.68 -1.49	98.37 7.88 0.00	81.62 6.52 0.00	79.58 6.20 0.00	157.81 12.48 0.00	99.85 7.57 0.00	126.70 9.06 0.00
HUDSON_AVE_GT_4 23540	85.67 5.12 0.00	84.49 4.91 0.00	83.78 4.79 0.00	71.79 4.03 -4.15	75.72 4.42 0.00	67.38 4.45 0.00	98.99 6.29 -6.75	138.28 5.22 -70.36	78.84 3.28 -36.92	63.09 4.32 -8.87	54.56 4.51 0.00	68.76 5.52 0.00	60.64 4.71 0.00	58.13 4.60 0.00	59.81 4.21 -9.59	135.45 3.31 -97.76	61.39 4.69 -8.66	77.54 6.68 -1.49	98.37 7.88 0.00	81.62 6.52 0.00	79.58 6.20 0.00	157.81 12.48 0.00	99.85 7.57 0.00	126.70 9.06 0.00
HUDSON_AVE_GT_5 23657	85.67 5.12 0.00	84.49 4.91 0.00	83.78 4.79 0.00	71.79 4.03 -4.15	75.72 4.42 0.00	67.38 4.45 0.00	98.99 6.29 -6.75	138.28 5.22 -70.36	78.84 3.28 -36.92	63.09 4.32 -8.87	54.56 4.51 0.00	68.76 5.52 0.00	60.64 4.71 0.00	58.13 4.60 0.00	59.81 4.21 -9.59	135.45 3.31 -97.76	61.39 4.69 -8.66	77.54 6.68 -1.49	98.37 7.88 0.00	81.62 6.52 0.00	79.58 6.20 0.00	157.81 12.48 0.00	99.85 7.57 0.00	126.70 9.06 0.00
HUDSON_AVE_10 24168	85.34 4.78 0.00	84.13 4.54 0.00	83.43 4.44 0.00	71.52 3.75 -4.15	75.41 4.11 0.00	67.09 4.16 0.00	98.64 5.87 -6.83	138.42 4.89 -70.83	78.67 3.06 -36.96	62.84 4.07 -8.87	54.31 4.25 0.00	68.42 5.18 0.00	60.37 4.44 0.00	57.88 4.35 0.00	59.62 4.03 -9.59	135.28 3.14 -97.76	61.16 4.46 -8.66	77.21 6.34 -1.49	97.93 7.44 0.00	81.26 6.16 0.00	79.23 5.86 0.00	157.14 11.82 0.00	99.44 7.16 0.00	126.14 8.51 0.00
HUDSON___115KV_TB 4 355613	85.20 4.65 0.00	84.45 4.86 0.00	83.90 4.91 0.00	73.08 4.19 -5.28	76.04 4.74 0.00	67.14 4.21 0.00	104.62 5.92 -12.75	154.90 4.23 -87.96	86.98 2.57 -45.76	64.15 3.26 -10.99	52.97 2.91 0.00	66.51 3.27 0.00	58.96 3.03 0.00	56.54 3.01 0.00	60.68 2.79 -11.89	155.80 2.10 -119.32	60.73 3.13 -9.56	73.97 4.56 -0.04	96.06 5.57 0.00	79.66 4.55 0.00	77.80 4.42 0.00	153.99 8.66 0.00	97.50 5.22 0.00	124.19 6.55 0.00
HUNTER MOUNT___DRP 323613	85.84 5.29 0.00	85.13 5.55 0.00	84.59 5.61 0.00	73.45 4.73 -5.11	76.68 5.37 0.00	67.67 4.74 0.00	104.33 6.66 -11.73	152.76 4.71 -85.35	85.94 2.85 -44.45	64.18 3.61 -10.68	53.27 3.22 0.00	66.95 3.71 0.00	59.37 3.44 0.00	56.93 3.40 0.00	60.65 3.10 -11.55	152.75 2.29 -116.08	60.93 3.49 -9.40	74.71 5.13 -0.21	96.87 6.37 0.00	80.26 5.16 0.00	78.36 4.98 0.00	155.04 9.72 0.00	98.11 5.83 0.00	124.91 7.28 0.00
HUNTINGTON_RES_REC 323705	87.71 7.16 0.00	86.38 6.80 0.00	85.65 6.66 0.00	73.29 5.52 -4.15	77.28 5.98 0.00	68.80 5.87 0.00	100.46 7.87 -6.65	138.42 6.03 -69.69	79.01 3.51 -36.86	63.41 4.64 -8.87	54.95 4.89 0.00	124.32 6.57 -54.52	109.91 5.97 -48.00	135.77 5.75 -76.49	39.98 5.21 11.23	155.60 3.95 -117.26	50.93 5.48 2.59	109.03 8.05 -31.61	125.65 9.40 -25.76	135.48 8.01 -52.37	80.75 7.33 -0.05	158.93 13.60 0.00	107.48 9.06 -6.14	128.83 11.20 0.00
HUNTLEY___63 23557	75.84 -4.71 0.00	74.52 -5.06 0.00	73.13 -5.86 0.00	57.71 -4.91 0.99	65.28 -5.09 0.93	56.84 -4.46 1.63	74.29 -7.14 4.51	48.58 -5.49 8.64	35.96 -3.50 -0.82	44.81 -4.97 0.13	36.39 -5.24 8.42	37.39 -6.33 19.51	45.46 -5.60 4.87	35.40 -5.36 12.76	25.28 -4.53 16.19	19.03 -3.20 12.15	33.69 -4.13 10.21	46.81 -5.90 16.66	72.56 -7.36 10.57	52.47 -6.07 16.55	41.58 -6.25 25.55	80.87 -14.18 50.26	70.98 -8.97 12.33	84.63 -10.03 22.97
HUNTLEY___64 23558	75.84 -4.71 0.00	74.52 -5.06 0.00	73.13 -5.86 0.00	57.71 -4.91 0.99	65.28 -5.09 0.93	56.84 -4.46 1.63	74.29 -7.14 4.51	48.58 -5.49 8.64	35.96 -3.50 -0.82	44.81 -4.97 0.13	36.39 -5.24 8.42	37.39 -6.33 19.51	45.46 -5.60 4.87	35.40 -5.36 12.76	25.28 -4.53 16.19	19.03 -3.20 12.15	33.69 -4.13 10.21	46.81 -5.90 16.66	72.56 -7.36 10.57	52.47 -6.07 16.55	41.58 -6.25 25.55	80.87 -14.18 50.26	70.98 -8.97 12.33	84.63 -10.03 22.97
HUNTLEY___65 23559	75.84 -4.71 0.00	74.52 -5.06 0.00	73.13 -5.86 0.00	57.71 -4.91 0.99	65.28 -5.09 0.93	56.84 -4.46 1.63	74.29 -7.14 4.51	48.58 -5.49 8.64	35.96 -3.50 -0.82	44.81 -4.97 0.13	36.39 -5.24 8.42	37.39 -6.33 19.51	45.46 -5.60 4.87	35.40 -5.36 12.76	25.28 -4.53 16.19	19.03 -3.20 12.15	33.69 -4.13 10.21	46.81 -5.90 16.66	72.56 -7.36 10.57	52.47 -6.07 16.55	41.58 -6.25 25.55	80.87 -14.18 50.26	70.98 -8.97 12.33	84.63 -10.03 22.97
HUNTLEY___66 23560	75.84 -4.71 0.00	74.52 -5.06 0.00	73.13 -5.86 0.00	57.71 -4.91 0.99	65.28 -5.09 0.93	56.84 -4.46 1.63	74.29 -7.14 4.51	48.58 -5.49 8.64	35.96 -3.50 -0.82	44.81 -4.97 0.13	36.39 -5.24 8.42	37.39 -6.33 19.51	45.46 -5.60 4.87	35.40 -5.36 12.76	25.28 -4.53 16.19	19.03 -3.20 12.15	33.69 -4.13 10.21	46.81 -5.90 16.66	72.56 -7.36 10.57	52.47 -6.07 16.55	41.58 -6.25 25.55	80.87 -14.18 50.26	70.98 -8.97 12.33	84.63 -10.03 22.97



HUNTLEY___67 23561	75.48 -5.07 0.00	74.23 -5.36 0.00	72.87 -6.11 0.00	57.44 -5.12 1.04	64.95 -5.38 0.97	56.46 -4.77 1.70	73.44 -7.57 4.94	45.67 -5.86 11.18	35.76 -3.70 -0.83	44.51 -5.24 0.15	34.91 -5.61 9.54	35.33 -6.75 21.16	44.81 -6.00 5.12	33.99 -5.76 13.78	23.88 -4.91 17.22	17.98 -3.52 12.88	31.97 -4.55 11.52	43.85 -6.47 19.05	70.99 -8.15 11.35	50.09 -6.75 18.26	38.20 -6.86 28.33	75.51 -15.11 54.71	69.61 -9.47 13.20	82.77 -10.90 23.96
HUNTLEY___68 23562	75.48 -5.07 0.00	74.23 -5.36 0.00	72.87 -6.11 0.00	57.44 -5.12 1.04	64.95 -5.38 0.97	56.46 -4.77 1.70	73.44 -7.57 4.94	45.67 -5.86 11.18	35.76 -3.70 -0.83	44.51 -5.24 0.15	34.91 -5.61 9.54	35.33 -6.75 21.16	44.81 -6.00 5.12	33.99 -5.76 13.78	23.88 -4.91 17.22	17.98 -3.52 12.88	31.97 -4.55 11.52	43.85 -6.47 19.05	70.99 -8.15 11.35	50.09 -6.75 18.26	38.20 -6.86 28.33	75.51 -15.11 54.71	69.61 -9.47 13.20	82.77 -10.90 23.96
HYLAND___LFG 323620	76.92 -2.13 1.51	76.50 -2.51 0.57	75.05 -3.12 0.81	58.36 -2.85 2.41	63.29 -4.21 3.80	52.94 -5.33 4.66	68.69 -8.40 8.86	49.15 -5.52 8.02	36.11 -3.31 -0.77	44.87 -4.68 0.35	52.13 -5.19 -7.26	58.86 -7.22 -2.85	44.47 -5.07 6.39	47.08 -5.77 0.68	28.00 -4.73 13.26	11.55 -3.27 19.57	63.71 -4.28 -19.95	107.96 -6.66 -45.25	77.53 -7.90 5.06	86.29 -2.47 -13.66	100.92 -2.66 -30.21	155.75 -6.92 -17.35	81.84 -4.87 5.58	74.27 -6.01 37.35
INDECK___CORINTH 23802	84.55 4.00 0.00	83.84 4.26 0.00	82.97 3.99 0.00	72.52 3.30 -5.61	75.19 3.88 0.00	66.62 3.69 0.00	112.23 5.70 -20.58	159.85 4.08 -93.06	89.24 2.28 -48.32	64.26 2.76 -11.60	52.77 2.71 0.00	66.38 3.14 0.00	58.52 2.59 0.00	56.30 2.78 0.00	61.24 2.69 -12.55	162.29 2.06 -125.85	61.35 3.30 -10.02	74.04 4.74 0.08	96.50 6.01 0.00	79.91 4.81 0.00	78.01 4.63 0.00	154.06 8.73 0.00	97.49 5.21 0.00	123.93 6.30 0.00
INDECK___ILION 23567	82.17 1.61 0.00	81.45 1.86 0.00	80.87 1.88 0.00	65.19 1.58 0.00	73.11 1.81 0.00	64.59 1.66 0.00	88.52 2.58 0.00	64.51 1.80 0.00	39.66 1.02 0.00	51.11 1.20 0.00	51.02 0.97 0.00	64.48 1.24 0.00	56.94 1.01 0.00	54.58 1.05 0.00	47.17 1.17 0.00	35.23 0.85 0.00	49.23 1.20 0.00	71.18 1.80 0.00	92.67 2.18 0.00	76.93 1.83 0.00	75.25 1.87 0.00	148.97 3.65 0.00	94.43 2.15 0.00	120.10 2.47 0.00
INDECK___OLEAN 23982	66.24 -0.05 14.26	74.09 -0.05 5.45	70.66 -0.67 7.66	56.34 -0.77 6.50	47.72 -0.47 23.11	40.55 -0.70 21.69	68.66 -2.05 15.24	17.12 -1.89 43.70	15.94 -1.31 21.39	49.74 -1.92 -1.76	48.50 -1.81 -0.26	48.33 -1.84 13.07	44.16 -1.66 10.11	33.28 -1.70 18.55	23.16 -1.54 21.30	13.81 -1.30 19.27	23.62 -1.45 22.96	41.53 -2.15 25.69	38.58 -3.04 48.87	28.38 -2.50 44.22	34.95 -2.56 35.87	83.01 -4.64 57.67	72.09 -2.33 17.86	78.41 -2.51 36.71
INDECK___OSWEGO 23783	77.44 -3.11 0.00	76.38 -3.21 0.00	75.74 -3.25 0.00	61.27 -2.68 -0.34	68.41 -2.89 0.00	60.40 -2.53 0.00	82.96 -3.23 -0.24	63.37 -2.06 -2.73	37.98 -1.27 -0.61	48.24 -1.81 -0.15	48.19 -1.87 0.00	60.55 -2.69 0.00	53.39 -2.55 0.00	51.04 -2.49 0.00	44.09 -2.07 -0.16	34.55 -1.42 -1.59	46.37 -1.79 -0.13	66.85 -2.52 0.00	87.13 -3.36 0.00	72.31 -2.80 0.00	70.63 -2.75 0.00	139.61 -5.72 0.00	88.38 -3.90 0.00	112.57 -5.07 0.00
INDECK___YERKES 23781	66.63 -4.59 9.32	71.04 -4.98 3.56	68.19 -5.79 5.01	54.48 -4.85 4.28	51.06 -5.03 15.21	44.19 -4.38 14.35	68.71 -7.06 10.18	28.51 -5.41 28.78	21.80 -3.46 13.39	44.52 -4.91 0.47	36.48 -5.15 8.42	37.31 -6.23 19.70	42.32 -5.55 8.07	32.34 -5.33 15.86	24.37 -4.49 17.15	17.62 -3.19 13.57	23.53 -4.01 20.49	36.07 -5.81 27.50	48.54 -7.22 34.73	33.04 -5.94 36.12	31.93 -6.14 35.30	75.90 -14.02 55.40	67.91 -8.90 15.47	81.32 -9.93 26.38
INDIAN POINT_GT_1 24139	85.15 4.61 0.00	84.11 4.53 0.00	83.44 4.45 0.00	71.44 3.72 -4.11	75.37 4.07 0.00	66.98 4.05 0.00	98.47 5.84 -6.69	137.17 4.77 -69.69	78.13 2.91 -36.58	62.45 3.76 -8.79	53.97 3.91 0.00	68.01 4.78 0.00	59.93 4.00 0.00	57.45 3.92 0.00	59.18 3.68 -9.50	134.13 2.90 -96.86	60.74 4.13 -8.57	76.74 5.90 -1.47	97.44 6.95 0.00	80.87 5.77 0.00	78.87 5.49 0.00	156.35 11.03 0.00	99.00 6.72 0.00	125.71 8.08 0.00
INDIAN POINT_GT_2 23659	85.15 4.61 0.00	84.11 4.53 0.00	83.44 4.45 0.00	71.44 3.72 -4.11	75.37 4.07 0.00	66.98 4.05 0.00	98.47 5.84 -6.69	137.17 4.77 -69.69	78.13 2.91 -36.58	62.45 3.76 -8.79	53.97 3.91 0.00	68.01 4.78 0.00	59.93 4.00 0.00	57.45 3.92 0.00	59.18 3.68 -9.50	134.13 2.90 -96.86	60.74 4.13 -8.57	76.74 5.90 -1.47	97.44 6.95 0.00	80.87 5.77 0.00	78.87 5.49 0.00	156.35 11.03 0.00	99.00 6.72 0.00	125.71 8.08 0.00
INDIAN POINT_GT_3 24019	85.15 4.61 0.00	84.11 4.53 0.00	83.44 4.45 0.00	71.44 3.72 -4.11	75.37 4.07 0.00	66.98 4.05 0.00	98.47 5.84 -6.69	137.17 4.77 -69.69	78.13 2.91 -36.58	62.45 3.76 -8.79	53.97 3.91 0.00	68.01 4.78 0.00	59.93 4.00 0.00	57.45 3.92 0.00	59.18 3.68 -9.50	134.13 2.90 -96.86	60.74 4.13 -8.57	76.74 5.90 -1.47	97.44 6.95 0.00	80.87 5.77 0.00	78.87 5.49 0.00	156.35 11.03 0.00	99.00 6.72 0.00	125.71 8.08 0.00
INDIAN POINT___2 23530	84.99 4.44 0.00	83.96 4.38 0.00	83.29 4.31 0.00	71.25 3.59 -4.05	75.24 3.93 0.00	66.87 3.94 0.00	98.23 5.69 -6.59	136.13 4.65 -68.78	77.60 2.84 -36.12	62.24 3.67 -8.67	53.89 3.83 0.00	67.92 4.68 0.00	59.82 3.89 0.00	57.35 3.82 0.00	58.99 3.60 -9.38	132.81 2.82 -95.61	60.51 4.02 -8.46	76.55 5.74 -1.43	97.23 6.74 0.00	80.70 5.60 0.00	78.72 5.34 0.00	156.08 10.76 0.00	98.83 6.55 0.00	125.50 7.87 0.00
INDIAN POINT___3 23531	85.09 4.55 0.00	84.06 4.47 0.00	83.39 4.40 0.00	71.40 3.68 -4.11	75.34 4.04 0.00	66.93 4.00 0.00	98.41 5.78 -6.69	137.16 4.71 -69.74	78.12 2.88 -36.60	62.41 3.72 -8.79	53.93 3.87 0.00	67.95 4.72 0.00	59.87 3.94 0.00	57.40 3.87 0.00	59.14 3.63 -9.51	134.16 2.86 -96.93	60.69 4.07 -8.58	76.64 5.80 -1.47	97.33 6.84 0.00	80.77 5.67 0.00	78.78 5.40 0.00	156.20 10.87 0.00	98.92 6.64 0.00	125.59 7.96 0.00
INGHAM_C_115KV_TB7 356103	83.44 2.89 0.00	83.01 3.43 0.00	82.41 3.42 0.00	66.54 2.93 0.00	74.69 3.39 0.00	66.10 3.17 0.00	90.81 4.87 0.00	65.95 3.25 0.00	40.40 1.76 0.00	51.94 2.04 0.00	51.60 1.55 0.00	65.25 2.01 0.00	57.57 1.64 0.00	55.28 1.75 0.00	48.07 2.07 0.00	35.82 1.44 0.00	50.09 2.06 0.00	72.52 3.15 0.00	94.34 3.86 0.00	78.33 3.23 0.00	76.74 3.36 0.00	151.89 6.57 0.00	96.21 3.93 0.00	122.13 4.50 0.00
IP CORINTH___1 23988	84.99 4.44 0.00	84.30 4.72 0.00	83.43 4.44 0.00	72.89 3.68 -5.61	75.59 4.29 0.00	66.97 4.04 0.00	112.70 6.18 -20.58	160.18 4.42 -93.06	89.46 2.50 -48.32	64.54 3.03 -11.60	53.05 3.00 0.00	66.71 3.48 0.00	58.83 2.90 0.00	56.60 3.07 0.00	61.50 2.94 -12.55	162.48 2.24 -125.85	61.61 3.55 -10.02	74.42 5.13 0.08	97.00 6.51 0.00	80.33 5.23 0.00	78.42 5.04 0.00	154.87 9.55 0.00	98.02 5.74 0.00	124.57 6.94 0.00

IP___TICONDEROGA 23804	89.11 8.55 0.00	88.73 9.14 0.00	87.62 8.63 0.00	76.10 6.89 -5.60	79.52 8.22 0.00	70.97 8.04 0.00	118.47 12.07 -20.45	163.74 8.08 -92.96	91.28 4.37 -48.27	66.49 4.99 -11.59	55.86 5.81 0.00	70.02 6.78 0.00	60.98 5.05 0.00	59.50 5.97 0.00	64.15 5.61 -12.54	164.50 4.39 -125.72	65.28 7.23 -10.01	79.37 10.08 0.08	103.60 13.11 0.00	85.57 10.47 0.00	83.50 10.12 0.00	165.13 19.81 0.00	104.24 11.96 0.00	130.99 13.35 0.00
ISLIP_RES_REC 323679	88.99 8.44 0.00	87.57 7.98 0.00	86.80 7.82 0.00	74.23 6.47 -4.15	78.38 7.08 0.00	69.87 6.94 0.00	102.01 9.41 -6.65	139.59 7.18 -69.70	79.69 4.20 -36.86	64.23 5.46 -8.87	55.68 5.63 0.00	125.45 7.70 -54.52	111.08 7.15 -48.00	149.21 7.01 -88.67	202.31 6.27 -150.04	156.44 4.76 -117.30	79.46 6.61 -24.82	113.55 9.83 -34.35	127.83 11.33 -26.01	154.73 9.70 -69.93	82.36 8.94 -0.05	161.81 16.49 0.00	109.36 10.94 -6.14	131.23 13.60 0.00
JAMAICA__27_KV_LOAD 355505	85.83 5.28 0.00	84.47 4.88 0.00	83.78 4.80 0.00	71.82 4.06 -4.15	75.77 4.47 0.00	67.39 4.46 0.00	99.02 6.23 -6.85	138.71 5.07 -70.94	78.78 3.16 -36.97	63.01 4.24 -8.87	54.45 4.39 0.00	68.54 5.30 0.00	60.61 4.68 0.00	58.18 4.65 0.00	59.89 4.30 -9.59	135.48 3.34 -97.76	61.43 4.73 -8.66	77.62 6.76 -1.49	98.41 7.92 0.00	81.64 6.53 0.00	79.58 6.21 0.00	157.93 12.61 0.00	99.91 7.63 0.00	126.65 9.02 0.00
JANIS___SOLAR 323808	87.02 4.09 -2.38	84.48 3.98 -0.91	83.88 3.62 -1.28	72.45 2.70 -6.13	80.68 3.39 -5.99	73.33 3.04 -7.36	108.98 4.87 -18.16	119.24 3.06 -53.48	51.76 1.27 -11.85	53.64 1.39 -2.35	64.59 1.23 -13.31	100.69 1.47 -35.98	70.41 1.13 -13.35	80.52 1.07 -25.91	85.71 1.01 -38.70	86.76 0.87 -51.51	65.37 2.05 -15.28	87.43 3.36 -14.70	121.94 4.46 -26.99	106.95 3.67 -28.18	112.52 3.35 -35.80	237.32 6.13 -85.86	121.00 3.10 -25.62	179.84 3.37 -58.84
JARVIS____ 23743	81.10 0.55 0.00	80.18 0.60 0.00	79.61 0.62 0.00	64.09 0.48 0.00	71.87 0.56 0.00	63.41 0.48 0.00	86.68 0.73 0.00	63.27 0.56 0.00	38.99 0.35 0.00	50.35 0.45 0.00	50.46 0.40 0.00	63.73 0.50 0.00	56.31 0.38 0.00	53.91 0.38 0.00	46.39 0.39 0.00	34.69 0.31 0.00	48.44 0.40 0.00	69.95 0.58 0.00	91.13 0.64 0.00	75.64 0.54 0.00	73.94 0.56 0.00	146.47 1.14 0.00	92.93 0.65 0.00	118.39 0.76 0.00
JENNISON___1 23625	84.91 4.36 0.00	84.10 4.51 0.00	83.14 4.15 0.00	69.38 3.07 -2.70	75.70 3.73 -0.67	67.22 3.11 -1.18	97.93 4.63 -7.36	94.51 2.96 -28.85	48.63 1.43 -8.55	54.20 1.99 -2.31	56.29 1.91 -4.33	76.35 1.85 -11.27	60.64 1.14 -3.57	62.07 0.89 -7.64	60.25 0.87 -13.39	68.18 0.61 -33.19	54.08 1.37 -4.68	74.00 2.19 -2.45	99.52 3.09 -5.94	85.03 2.69 -7.24	86.32 2.39 -10.55	175.65 4.76 -25.57	101.98 2.39 -7.31	136.63 2.42 -16.58
JENNISON___2 23626	84.91 4.36 0.00	84.10 4.51 0.00	83.14 4.15 0.00	69.38 3.07 -2.70	75.70 3.73 -0.67	67.22 3.11 -1.18	97.93 4.63 -7.36	94.51 2.96 -28.85	48.63 1.43 -8.55	54.20 1.99 -2.31	56.29 1.91 -4.33	76.35 1.85 -11.27	60.64 1.14 -3.57	62.07 0.89 -7.64	60.25 0.87 -13.39	68.18 0.61 -33.19	54.08 1.37 -4.68	74.00 2.19 -2.45	99.52 3.09 -5.94	85.03 2.69 -7.24	86.32 2.39 -10.55	175.65 4.76 -25.57	101.98 2.39 -7.31	136.63 2.42 -16.58
JERICHO_RISE_WT_PWR 323719	80.22 -0.33 0.00	78.94 -0.64 0.00	78.31 -0.68 0.00	63.24 -0.37 0.00	70.18 -1.12 0.00	61.94 -0.99 0.00	83.34 -2.60 0.00	60.20 -2.50 0.00	37.32 -1.33 0.00	48.40 -1.50 0.00	48.80 -1.26 0.00	61.25 -1.99 0.00	55.29 -0.64 0.00	53.52 -0.01 0.00	45.25 -0.75 0.00	33.01 -1.37 0.00	46.25 -1.78 0.00	67.04 -2.33 0.00	89.23 -1.27 0.00	74.26 -0.84 0.00	71.93 -1.44 0.00	142.22 -3.10 0.00	91.28 -1.00 0.00	116.27 -1.36 0.00
KATONAH___115KV_46KV_TB4 355592	85.99 5.44 0.00	84.95 5.36 0.00	84.27 5.28 0.00	72.24 4.42 -4.20	76.20 4.90 0.00	67.69 4.76 0.00	99.70 6.90 -6.85	139.44 5.57 -71.17	79.36 3.39 -37.33	63.21 4.34 -8.97	54.53 4.47 0.00	68.74 5.50 0.00	60.57 4.64 0.00	58.07 4.54 0.00	59.90 4.20 -9.70	136.52 3.28 -98.86	61.51 4.72 -8.76	77.68 6.79 -1.52	98.65 8.16 0.00	81.84 6.74 0.00	79.76 6.38 0.00	158.02 12.69 0.00	99.95 7.66 0.00	126.80 9.17 0.00
KCE_NY_1 323755	85.34 4.79 0.00	84.58 4.99 0.00	83.89 4.90 0.00	73.24 4.03 -5.59	75.89 4.59 0.00	67.14 4.21 0.00	112.39 6.18 -20.27	160.01 4.49 -92.82	89.44 2.61 -48.20	64.72 3.24 -11.57	53.15 3.09 0.00	66.96 3.72 0.00	59.14 3.20 0.00	56.79 3.26 0.00	61.59 3.07 -12.52	162.23 2.31 -125.55	61.50 3.46 -10.00	74.30 5.00 0.07	96.76 6.27 0.00	80.21 5.11 0.00	78.37 4.99 0.00	154.86 9.54 0.00	98.13 5.85 0.00	124.96 7.32 0.00
KCE_NY_6_ESR 323823	66.74 -3.49 10.32	71.75 -3.89 3.94	68.73 -4.72 5.54	54.87 -3.97 4.78	50.29 -4.17 16.84	43.39 -3.65 15.90	68.53 -5.90 11.52	24.16 -4.67 33.88	20.71 -2.98 14.95	44.99 -4.36 0.55	35.33 -4.72 10.01	34.98 -5.61 22.64	41.90 -5.01 9.02	30.64 -4.81 18.07	22.48 -4.12 19.40	16.07 -2.93 15.38	20.95 -3.59 23.49	32.32 -5.09 31.96	45.22 -6.46 38.80	28.88 -5.28 40.94	27.29 -5.42 40.66	69.52 -12.20 63.60	66.99 -7.79 17.50	79.35 -8.90 29.37
KEDC_PORT_JEFF_GT2 24210	88.52 7.97 0.00	87.16 7.57 0.00	86.40 7.41 0.00	73.90 6.14 -4.15	78.01 6.71 0.00	69.49 6.56 0.00	101.43 8.83 -6.65	139.15 6.75 -69.69	79.43 3.93 -36.86	63.92 5.15 -8.87	55.41 5.35 0.00	125.09 7.34 -54.52	110.74 6.80 -48.00	151.28 6.60 -91.15	223.47 5.78 -171.69	155.97 4.29 -117.30	82.46 5.94 -28.48	112.81 8.82 -34.62	126.60 10.07 -26.04	156.07 8.68 -72.28	81.36 7.93 -0.05	159.98 14.66 0.00	108.35 9.93 -6.14	130.51 12.88 0.00
KEDC_PORT_JEFF_GT3 24211	88.52 7.97 0.00	87.16 7.57 0.00	86.40 7.41 0.00	73.90 6.14 -4.15	78.01 6.71 0.00	69.49 6.56 0.00	101.43 8.83 -6.65	139.15 6.75 -69.69	79.43 3.93 -36.86	63.92 5.15 -8.87	55.41 5.35 0.00	125.09 7.34 -54.52	110.74 6.80 -48.00	151.28 6.60 -91.15	223.47 5.78 -171.69	155.97 4.29 -117.30	82.46 5.94 -28.48	112.81 8.82 -34.62	126.60 10.07 -26.04	156.07 8.68 -72.28	81.36 7.93 -0.05	159.98 14.66 0.00	108.35 9.93 -6.14	130.51 12.88 0.00
KEDC_GLWD_GT4 24219	86.23 5.68 0.00	85.11 5.52 0.00	84.65 5.66 0.00	72.47 4.71 -4.15	76.46 5.16 0.00	67.92 4.99 0.00	99.41 6.74 -6.72	137.95 5.33 -69.91	78.79 3.27 -36.88	63.22 4.45 -8.87	54.73 4.67 0.00	123.69 5.94 -54.52	108.86 4.93 -48.00	124.54 4.81 -66.20	107.56 4.40 -57.17	155.07 3.41 -117.28	61.84 4.82 -8.98	102.37 7.04 -25.96	124.05 8.25 -25.30	141.94 6.88 -59.96	79.88 6.46 -0.05	157.80 12.48 0.00	106.28 7.87 -6.14	126.99 9.36 0.00
KEDC_GLWD_GT5 24220	86.23 5.68 0.00	85.11 5.52 0.00	84.65 5.66 0.00	72.47 4.71 -4.15	76.46 5.16 0.00	67.92 4.99 0.00	99.41 6.74 -6.72	137.95 5.33 -69.91	78.79 3.27 -36.88	63.22 4.45 -8.87	54.73 4.67 0.00	123.69 5.94 -54.52	108.86 4.93 -48.00	124.54 4.81 -66.20	107.56 4.40 -57.17	155.07 3.41 -117.28	61.84 4.82 -8.98	102.37 7.04 -25.96	124.05 8.25 -25.30	141.94 6.88 -59.96	79.88 6.46 -0.05	157.80 12.48 0.00	106.28 7.87 -6.14	126.99 9.36 0.00

KENSICO____ 23655	85.43 4.88 0.00	84.37 4.78 0.00	83.70 4.71 0.00	71.70 3.95 -4.14	75.63 4.32 0.00	67.20 4.27 0.00	98.80 6.12 -6.74	137.88 4.99 -70.19	78.53 3.06 -36.83	62.71 3.96 -8.84	54.18 4.12 0.00	68.29 5.05 0.00	60.19 4.26 0.00	57.70 4.16 0.00	59.45 3.88 -9.57	134.94 3.03 -97.53	61.01 4.34 -8.64	77.06 6.20 -1.49	97.82 7.33 0.00	81.17 6.07 0.00	79.15 5.77 0.00	156.90 11.57 0.00	99.33 7.05 0.00	126.09 8.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	87.55 7.00 0.00	86.47 6.88 0.00	85.79 6.81 0.00	73.18 5.58 -3.99	77.56 6.26 0.00	68.93 6.00 0.00	101.81 8.93 -6.93	137.55 7.12 -67.72	78.54 4.30 -35.60	63.67 5.22 -8.55	55.30 5.25 0.00	69.93 6.69 0.00	61.61 5.68 0.00	59.02 5.49 0.00	60.37 5.12 -9.25	132.41 4.04 -93.99	62.05 5.85 -8.16	79.04 8.52 -1.15	100.97 10.48 0.00	83.74 8.64 0.00	81.59 8.21 0.00	161.36 16.04 0.00	101.91 9.63 0.00	129.12 11.49 0.00
KIAC_JFK_GT1 23816	85.53 4.98 0.00	84.19 4.61 0.00	83.50 4.51 0.00	71.59 3.83 -4.15	75.53 4.23 0.00	67.17 4.24 0.00	98.67 5.88 -6.85	138.45 4.81 -70.94	78.63 3.01 -36.97	62.82 4.05 -8.87	54.25 4.20 0.00	68.34 5.10 0.00	60.40 4.47 0.00	57.98 4.45 0.00	59.71 4.12 -9.59	135.34 3.20 -97.76	61.23 4.54 -8.66	77.32 6.46 -1.49	98.01 7.52 0.00	81.31 6.21 0.00	79.26 5.89 0.00	157.32 11.99 0.00	99.54 7.26 0.00	126.20 8.56 0.00
KIAC_JFK_GT2 23817	85.53 4.98 0.00	84.19 4.61 0.00	83.50 4.51 0.00	71.59 3.83 -4.15	75.53 4.23 0.00	67.17 4.24 0.00	98.67 5.88 -6.85	138.45 4.81 -70.94	78.63 3.01 -36.97	62.82 4.05 -8.87	54.25 4.20 0.00	68.34 5.10 0.00	60.40 4.47 0.00	57.98 4.45 0.00	59.71 4.12 -9.59	135.34 3.20 -97.76	61.23 4.54 -8.66	77.32 6.46 -1.49	98.01 7.52 0.00	81.31 6.21 0.00	79.26 5.89 0.00	157.32 11.99 0.00	99.54 7.26 0.00	126.20 8.56 0.00
KIAC_JFK____ 323774	85.51 4.97 0.00	84.19 4.61 0.00	83.50 4.51 0.00	71.58 3.82 -4.15	75.50 4.20 0.00	67.17 4.24 0.00	98.67 5.88 -6.85	138.54 4.90 -70.94	78.65 3.04 -36.97	62.82 4.05 -8.87	54.27 4.21 0.00	68.34 5.10 0.00	60.41 4.48 0.00	57.99 4.46 0.00	59.73 4.13 -9.59	135.33 3.20 -97.76	61.23 4.53 -8.66	77.33 6.46 -1.49	98.02 7.53 0.00	81.32 6.21 0.00	79.28 5.90 0.00	157.33 12.01 0.00	99.56 7.28 0.00	126.21 8.58 0.00
KINTIGH____ 23543	75.03 -5.52 0.00	73.83 -5.76 0.00	72.67 -6.32 0.00	57.67 -5.23 0.70	65.01 -5.57 0.73	56.75 -4.91 1.27	74.73 -7.62 3.60	49.53 -5.82 7.35	35.74 -3.65 -0.75	44.80 -5.02 0.08	38.79 -5.25 6.01	42.87 -6.43 13.94	46.52 -5.68 3.73	38.85 -5.47 9.21	29.25 -4.66 12.09	21.83 -3.38 9.16	36.94 -4.44 6.66	52.57 -6.35 10.45	74.76 -6.66 7.72	57.06 -6.81 11.38	49.20 -14.85 17.37	94.76 -9.30 35.71	73.89 -9.09 9.09	88.82 -10.92 17.89
KNTFSRNC_46_KV_46KV_LOAD 80397	81.74 1.19 0.00	80.55 0.96 0.00	79.75 0.77 0.00	64.41 0.80 0.00	71.55 0.25 0.00	63.18 0.25 0.00	85.07 -0.88 0.00	61.34 -1.36 0.00	38.07 -0.57 0.00	49.23 -0.67 0.00	49.77 -0.28 0.00	62.47 -0.77 0.00	56.34 0.41 0.00	54.55 1.02 0.00	46.16 0.16 0.00	33.60 -0.78 0.00	47.18 -0.86 0.00	68.25 -1.12 0.00	90.84 0.35 0.00	75.65 0.55 0.00	73.28 -0.10 0.00	144.99 -0.33 0.00	92.86 0.58 0.00	118.05 0.42 0.00
LACHUTE__HYDRO 323717	89.11 8.55 0.00	88.72 9.14 0.00	87.62 8.64 0.00	76.10 6.90 -5.60	79.52 8.21 0.00	70.97 8.04 0.00	118.47 12.07 -20.45	163.74 8.07 -92.96	91.28 4.38 -48.27	66.49 4.99 -11.59	55.86 5.80 0.00	70.05 6.81 0.00	60.98 5.05 0.00	59.50 5.97 0.00	64.15 5.61 -12.54	164.49 4.39 -125.72	65.29 7.24 -10.01	79.37 10.08 0.08	103.61 13.12 0.00	85.58 10.47 0.00	83.50 10.12 0.00	165.14 19.82 0.00	104.24 11.97 0.00	130.98 13.35 0.00
LAWRNCV_115KV_TB1 80681	80.80 0.25 0.00	79.30 -0.29 0.00	78.62 -0.37 0.00	63.25 -0.36 0.00	70.74 -0.56 0.00	62.16 -0.77 0.00	83.71 -2.23 0.00	60.71 -1.99 0.00	37.45 -1.19 0.00	48.77 -1.14 0.00	49.36 -0.69 0.00	62.40 -0.84 0.00	55.59 -0.34 0.00	53.15 -0.38 0.00	45.21 -0.79 0.00	33.54 -0.84 0.00	46.55 -1.49 0.00	67.08 -2.29 0.00	88.26 -2.23 0.00	73.21 -1.89 0.00	71.47 -1.91 0.00	142.06 -3.27 0.00	91.13 -1.15 0.00	116.77 -0.86 0.00
LEDERLE____ 23769	85.24 4.69 0.00	84.20 4.61 0.00	83.51 4.53 0.00	71.39 3.78 -3.99	75.43 4.13 0.00	67.06 4.13 0.00	98.47 6.02 -6.50	135.47 4.90 -67.86	77.27 2.98 -35.65	62.29 3.83 -8.56	54.06 4.01 0.00	68.14 4.90 0.00	60.00 4.07 0.00	57.51 3.98 0.00	59.01 3.74 -9.26	131.68 2.94 -94.36	60.58 4.21 -8.34	76.77 6.00 -1.40	97.56 7.07 0.00	80.99 5.88 0.00	79.00 5.62 0.00	156.63 11.31 0.00	99.18 6.90 0.00	125.90 8.27 0.00
LIGHTHSE_115KV_TB6 355974	79.28 -1.27 0.00	77.62 -1.96 0.00	77.00 -1.99 0.00	62.03 -1.89 -0.31	69.37 -1.93 0.00	61.20 -1.73 0.00	83.83 -2.33 -0.22	62.85 -1.62 -1.78	37.59 -1.05 0.00	48.46 -1.45 0.00	48.65 -1.41 0.00	61.39 -1.85 0.00	54.29 -1.65 0.00	51.87 -1.66 0.00	44.62 -1.38 0.00	33.44 -0.94 0.00	46.87 -1.17 0.00	67.67 -1.70 0.00	88.33 -2.16 0.00	73.28 -1.82 0.00	71.62 -1.75 0.00	141.79 -3.53 0.00	89.51 -2.77 0.00	113.97 -3.66 0.00
LINDEN COGEN____ 23786	84.86 4.31 0.00	83.72 4.14 0.00	83.01 4.03 0.00	71.16 3.40 -4.15	75.00 3.71 0.01	66.79 3.86 0.00	98.15 5.45 -6.75	137.66 4.60 -70.36	78.47 2.91 -36.92	62.64 3.87 -8.87	54.13 4.07 0.00	68.16 4.92 0.00	54.13 4.13 5.93	54.37 4.09 3.25	58.05 3.77 -8.28	134.81 2.98 -97.46	60.07 4.20 -7.83	75.52 5.95 -0.20	97.44 6.96 0.00	80.87 5.77 0.00	78.88 5.50 0.00	156.41 11.08 0.00	98.95 6.67 0.00	120.39 7.91 5.15
LINDHRST_69_KV_BK1 356055	88.10 7.55 0.00	86.76 7.17 0.00	86.05 7.06 0.00	73.59 5.83 -4.15	77.67 6.37 0.00	69.16 6.23 0.00	101.07 8.46 -6.67	138.78 6.51 -69.57	79.34 3.85 -36.85	63.83 5.06 -8.87	55.30 5.25 0.00	124.66 6.91 -54.52	110.06 6.13 -48.00	128.30 5.95 -68.82	116.89 5.36 -65.54	155.82 4.16 -117.28	64.36 5.84 -10.48	106.91 8.75 -28.79	126.23 10.20 -25.54	144.57 8.62 -60.85	81.38 7.96 -0.05	160.45 15.13 0.00	108.25 9.83 -6.14	129.53 11.90 0.00
LIPA_MISC_IPP 23656	88.68 8.12 0.00	87.27 7.69 0.00	86.54 7.55 0.00	74.02 6.26 -4.15	78.15 6.85 0.00	69.62 6.69 0.00	101.69 9.10 -6.65	139.37 6.98 -69.69	79.49 3.99 -36.86	63.95 5.18 -8.87	55.37 5.31 0.00	125.28 7.53 -54.52	111.00 7.06 -48.00	156.12 6.99 -95.60	205.47 6.21 -153.26	156.38 4.70 -117.30	79.73 6.39 -25.31	114.16 9.39 -35.40	127.23 10.64 -26.10	154.58 9.25 -70.22	81.88 8.46 -0.05	161.32 15.99 0.00	109.04 10.62 -6.14	130.80 13.17 0.00
LISF__SOLAR 323691	88.80 8.25 0.00	87.41 7.82 0.00	86.67 7.68 0.00	74.12 6.36 -4.15	78.28 6.97 0.00	69.74 6.81 0.00	101.84 9.24 -6.65	139.45 7.06 -69.69	79.58 4.08 -36.86	64.01 5.24 -8.87	55.43 5.38 0.00	125.38 7.62 -54.52	111.13 7.19 -48.00	155.18 7.16 -94.49	207.01 6.37 -154.64	156.48 4.80 -117.30	80.14 6.55 -25.56	114.24 9.63 -35.23	127.52 10.94 -26.08	154.99 9.50 -70.38	82.14 8.71 -0.05	161.75 16.42 0.00	109.29 10.87 -6.14	131.15 13.51 0.00

LITTLE FALLS___HYD 24013	83.44 2.89 0.00	83.01 3.43 0.00	82.41 3.42 0.00	66.54 2.93 0.00	74.69 3.39 0.00	66.10 3.17 0.00	90.81 4.87 0.00	65.95 3.25 0.00	40.40 1.76 0.00	51.94 2.04 0.00	51.60 1.55 0.00	65.25 2.01 0.00	57.57 1.64 0.00	55.28 1.75 0.00	48.07 2.07 0.00	35.82 1.44 0.00	50.09 2.06 0.00	72.52 3.15 0.00	94.34 3.86 0.00	78.33 3.23 0.00	76.74 3.36 0.00	151.89 6.57 0.00	96.21 3.93 0.00	122.13 4.50 0.00
LITTLRIV_115KV_TB1 356100	81.80 1.25 0.00	80.28 0.70 0.00	79.58 0.59 0.00	64.04 0.43 0.00	71.63 0.33 0.00	62.92 0.00 0.00	84.69 -1.26 0.00	61.42 -1.28 0.00	37.86 -0.78 0.00	49.33 -0.57 0.00	50.00 -0.06 0.00	63.21 -0.03 0.00	56.29 0.36 0.00	53.79 0.26 0.00	45.72 -0.28 0.00	33.95 -0.43 0.00	47.11 -0.92 0.00	67.90 -1.47 0.00	89.35 -1.14 0.00	74.10 -1.00 0.00	72.30 -1.08 0.00	143.62 -1.71 0.00	92.18 -0.10 0.00	118.23 0.60 0.00
LI_NEWBRDGE___DRP 323616	86.51 5.96 0.00	85.27 5.68 0.00	84.57 5.58 0.00	72.42 4.66 -4.15	76.35 5.04 0.00	67.93 5.00 0.00	99.31 6.74 -6.62	137.59 5.24 -69.65	78.63 3.14 -36.85	62.99 4.21 -8.87	54.51 4.46 0.00	123.52 5.77 -54.52	108.94 5.01 -48.00	124.58 4.84 -66.20	107.56 4.39 -57.17	155.08 3.42 -117.28	61.80 4.79 -8.98	102.37 7.04 -25.96	123.92 8.13 -25.30	141.94 6.88 -59.96	79.80 6.38 -0.05	157.47 12.14 0.00	106.35 7.93 -6.14	127.08 9.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	74.74 -5.80 0.00	73.67 -5.92 0.00	72.34 -6.65 0.00	57.19 -5.53 0.89	64.59 -5.85 0.86	56.33 -5.09 1.51	74.13 -8.01 3.80	51.86 -6.09 4.75	35.61 -3.84 -0.81	44.43 -5.39 0.08	37.42 -5.55 7.08	39.05 -6.61 17.57	45.52 -5.92 4.49	36.40 -5.60 11.53	26.47 -4.76 14.76	20.00 -3.41 10.96	34.69 -4.42 8.92	48.64 -6.29 14.44	72.93 -7.97 9.59	53.83 -6.54 14.74	44.06 -6.67 22.65	85.17 -14.99 45.17	71.49 -9.57 11.22	85.43 -10.94 21.25
LOCKPORT___CC1 323769	66.10 -6.11 8.34	70.12 -6.29 3.19	67.48 -7.03 4.48	53.92 -5.84 3.86	51.49 -6.17 13.64	44.62 -5.40 12.91	66.18 -8.50 11.27	13.56 -6.42 42.72	22.78 -4.03 11.83	43.66 -5.68 0.57	33.97 -5.80 10.29	37.91 -6.94 18.39	42.30 -6.22 7.41	32.94 -5.92 14.67	24.95 -5.03 16.02	17.51 -3.63 13.24	24.84 -4.60 18.59	37.70 -6.63 25.03	50.62 -8.41 31.47	35.29 -6.90 32.91	33.88 -7.02 32.47	78.10 -15.70 51.52	67.91 -10.00 14.36	81.39 -11.55 24.69
LOCKPORT___CC2 323770	66.10 -6.11 8.34	70.12 -6.29 3.19	67.48 -7.03 4.48	53.92 -5.84 3.86	51.49 -6.17 13.64	44.62 -5.40 12.91	66.18 -8.50 11.27	13.56 -6.42 42.72	22.78 -4.03 11.83	43.66 -5.68 0.57	33.97 -5.80 10.29	37.91 -6.94 18.39	42.30 -6.22 7.41	32.94 -5.92 14.67	24.95 -5.03 16.02	17.51 -3.63 13.24	24.84 -4.60 18.59	37.70 -6.63 25.03	50.62 -8.41 31.47	35.29 -6.90 32.91	33.88 -7.02 32.47	78.10 -15.70 51.52	67.91 -10.00 14.36	81.39 -11.55 24.69
LOCKPORT___CC3 323771	66.10 -6.11 8.34	70.12 -6.29 3.19	67.48 -7.03 4.48	53.92 -5.84 3.86	51.49 -6.17 13.64	44.62 -5.40 12.91	66.18 -8.50 11.27	13.56 -6.42 42.72	22.78 -4.03 11.83	43.66 -5.68 0.57	33.97 -5.80 10.29	37.91 -6.94 18.39	42.30 -6.22 7.41	32.94 -5.92 14.67	24.95 -5.03 16.02	17.51 -3.63 13.24	24.84 -4.60 18.59	37.70 -6.63 25.03	50.62 -8.41 31.47	35.29 -6.90 32.91	33.88 -7.02 32.47	78.10 -15.70 51.52	67.91 -10.00 14.36	81.39 -11.55 24.69
LONG_LAKE_PHOENIX 24014	78.18 -2.37 0.00	77.19 -2.40 0.00	76.51 -2.48 0.00	61.92 -2.05 -0.35	69.15 -2.16 0.00	61.08 -1.85 0.00	83.87 -2.32 -0.25	63.78 -1.72 -2.79	38.13 -1.13 -0.62	48.41 -1.64 -0.15	48.38 -1.68 0.00	61.06 -2.18 0.00	53.94 -1.99 0.00	51.64 -1.89 0.00	44.61 -1.55 -0.16	34.97 -1.03 -1.62	46.94 -1.23 -0.13	67.68 -1.69 0.00	88.18 -2.31 0.00	73.17 -1.93 0.00	71.41 -1.97 0.00	141.01 -4.31 0.00	89.27 -3.01 0.00	113.66 -3.97 0.00
LOVETT___3 23632	84.87 4.32 0.00	83.86 4.28 0.00	83.19 4.20 0.00	71.14 3.51 -4.01	75.13 3.82 0.00	66.76 3.83 0.00	98.05 5.59 -6.53	135.38 4.58 -68.10	77.19 2.78 -35.77	62.07 3.57 -8.59	53.80 3.75 0.00	67.79 4.55 0.00	59.70 3.77 0.00	57.24 3.71 0.00	58.80 3.51 -9.29	131.83 2.76 -94.69	60.35 3.94 -8.37	76.39 5.61 -1.41	97.06 6.57 0.00	80.57 5.47 0.00	78.60 5.23 0.00	155.86 10.54 0.00	98.71 6.43 0.00	125.34 7.71 0.00
LOVETT___4 23642	84.87 4.32 0.00	83.86 4.28 0.00	83.19 4.20 0.00	71.14 3.51 -4.01	75.13 3.82 0.00	66.76 3.83 0.00	98.05 5.59 -6.53	135.38 4.58 -68.10	77.19 2.78 -35.77	62.07 3.57 -8.59	53.80 3.75 0.00	67.79 4.55 0.00	59.70 3.77 0.00	57.24 3.71 0.00	58.80 3.51 -9.29	131.83 2.76 -94.69	60.35 3.94 -8.37	76.39 5.61 -1.41	97.06 6.57 0.00	80.57 5.47 0.00	78.60 5.23 0.00	155.86 10.54 0.00	98.71 6.43 0.00	125.34 7.71 0.00
LOVETT___5 23593	84.87 4.32 0.00	83.86 4.28 0.00	83.19 4.20 0.00	71.14 3.51 -4.01	75.13 3.82 0.00	66.76 3.83 0.00	98.05 5.59 -6.53	135.38 4.58 -68.10	77.19 2.78 -35.77	62.07 3.57 -8.59	53.80 3.75 0.00	67.79 4.55 0.00	59.70 3.77 0.00	57.24 3.71 0.00	58.80 3.51 -9.29	131.83 2.76 -94.69	60.35 3.94 -8.37	76.39 5.61 -1.41	97.06 6.57 0.00	80.57 5.47 0.00	78.60 5.23 0.00	155.86 10.54 0.00	98.71 6.43 0.00	125.34 7.71 0.00
LOWER RAQUET___HYD 24057	80.82 0.27 0.00	79.25 -0.34 0.00	78.59 -0.40 0.00	63.21 -0.40 0.00	70.69 -0.61 0.00	62.06 -0.87 0.00	83.44 -2.50 0.00	60.46 -2.24 0.00	37.30 -1.33 0.00	48.63 -1.27 0.00	49.28 -0.77 0.00	62.28 -0.95 0.00	55.51 -0.42 0.00	53.08 -0.45 0.00	45.13 -0.87 0.00	33.49 -0.89 0.00	46.39 -1.64 0.00	66.82 -2.55 0.00	87.94 -2.55 0.00	72.96 -2.14 0.00	71.20 -2.18 0.00	141.64 -3.68 0.00	90.95 -1.33 0.00	116.65 -0.99 0.00
LOWER___HUDSON 24059	84.58 4.03 0.00	83.84 4.25 0.00	83.20 4.21 0.00	72.63 3.52 -5.50	75.24 3.93 0.00	66.58 3.66 0.00	109.24 5.21 -18.09	157.86 3.77 -91.38	88.32 2.21 -47.47	64.09 2.78 -11.40	52.78 2.72 0.00	66.39 3.16 0.00	58.56 2.63 0.00	56.19 2.66 0.00	60.93 2.59 -12.33	159.98 1.88 -123.72	60.68 2.78 -9.87	73.32 3.99 0.04	95.38 4.89 0.00	79.10 4.00 0.00	77.39 4.01 0.00	152.98 7.66 0.00	97.12 4.84 0.00	123.92 6.29 0.00
LOWVILLE_115KV_TB2 356335	82.04 1.49 0.00	79.48 -0.10 0.00	78.84 -0.14 0.00	62.73 -1.03 -0.15	70.53 -0.77 0.00	61.92 -1.01 0.00	84.42 -1.63 -0.11	62.42 -1.14 -0.86	37.92 -0.72 0.00	49.08 -0.82 0.00	49.55 -0.50 0.00	62.67 -0.56 0.00	55.53 -0.40 0.00	52.87 -0.66 0.00	45.28 -0.72 0.00	33.76 -0.62 0.00	47.22 -0.81 0.00	68.13 -1.25 0.00	89.23 -1.26 0.00	74.03 -1.08 0.00	72.31 -1.06 0.00	143.93 -1.39 0.00	90.72 -1.56 0.00	115.69 -1.94 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	85.26 4.71 0.00	84.51 4.93 0.00	83.81 4.82 0.00	73.20 4.00 -5.59	75.84 4.53 0.00	67.10 4.17 0.00	112.32 6.10 -20.27	159.96 4.44 -92.82	89.41 2.57 -48.20	64.67 3.19 -11.57	53.11 3.06 0.00	66.91 3.67 0.00	59.09 3.16 0.00	56.74 3.21 0.00	61.55 3.03 -12.52	162.20 2.28 -125.55	61.45 3.42 -10.00	74.24 4.94 0.07	96.68 6.19 0.00	80.14 5.04 0.00	78.29 4.92 0.00	154.72 9.40 0.00	98.04 5.76 0.00	124.87 7.24 0.00

LUTHERNY_35_KV_BK2 355980	85.34 4.79 0.00	84.58 4.99 0.00	83.89 4.90 0.00	73.23 4.04 -5.59	75.89 4.59 0.00	67.14 4.22 0.00	112.39 6.17 -20.27	160.01 4.49 -92.82	89.44 2.60 -48.20	64.71 3.24 -11.57	53.15 3.09 0.00	66.95 3.71 0.00	59.14 3.20 0.00	56.79 3.26 0.00	61.59 3.07 -12.52	162.24 2.31 -125.55	61.49 3.46 -10.00	74.30 5.00 0.07	96.77 6.28 0.00	80.21 5.11 0.00	78.37 4.99 0.00	154.86 9.54 0.00	98.13 5.85 0.00	124.95 7.32 0.00
LWR___OSWEGATCHIE_HYD 23850	80.86 0.31 0.00	78.81 -0.78 0.00	78.14 -0.85 0.00	62.58 -1.14 -0.11	70.14 -1.16 0.00	61.58 -1.35 0.00	83.36 -2.67 -0.08	61.20 -2.14 -0.64	37.31 -1.33 0.00	48.49 -1.42 0.00	49.09 -0.97 0.00	62.07 -1.17 0.00	55.18 -0.75 0.00	52.66 -0.86 0.00	44.97 -1.03 0.00	33.44 -0.94 0.00	46.55 -1.49 0.00	66.98 -2.38 0.00	87.91 -2.58 0.00	72.94 -2.16 0.00	71.20 -2.18 0.00	141.60 -3.72 0.00	90.13 -2.15 0.00	115.33 -2.31 0.00
LYONS_FALL_HYD 23570	82.38 1.83 0.00	80.41 0.82 0.00	79.77 0.78 0.00	63.79 0.04 -0.14	71.64 0.33 0.00	63.07 0.14 0.00	86.21 0.17 -0.10	63.68 0.17 -0.81	38.71 0.08 0.00	50.03 0.12 0.00	50.36 0.30 0.00	63.63 0.39 0.00	56.32 0.39 0.00	53.75 0.22 0.00	46.14 0.13 0.00	34.44 0.06 0.00	48.22 0.19 0.00	69.58 0.21 0.00	90.96 0.47 0.00	75.45 0.35 0.00	73.68 0.30 0.00	146.24 0.92 0.00	92.28 0.00 0.00	117.60 -0.04 0.00
MADISON___COUNTY_LFGE 323628	82.86 2.31 0.00	81.87 2.28 0.00	81.15 2.17 0.00	65.47 1.61 -0.25	73.36 2.06 0.00	64.84 1.91 0.00	89.10 2.98 -0.18	66.22 2.10 -1.42	39.81 1.17 0.00	51.26 1.36 0.00	51.43 1.38 0.00	64.85 1.61 0.00	57.32 1.39 0.00	54.94 1.41 0.00	47.31 1.30 0.00	35.39 1.01 0.00	49.66 1.62 0.00	71.64 2.27 0.00	93.35 2.86 0.00	77.40 2.30 0.00	75.51 2.13 0.00	149.28 3.95 0.00	94.32 2.05 0.00	119.96 2.33 0.00
MALONE___115KV_TB1 356076	81.78 1.23 0.00	80.34 0.75 0.00	79.69 0.71 0.00	64.35 0.74 0.00	71.61 0.31 0.00	63.22 0.29 0.00	85.17 -0.77 0.00	61.72 -0.98 0.00	38.19 -0.45 0.00	49.58 -0.33 0.00	49.95 -0.11 0.00	62.80 -0.44 0.00	56.46 0.53 0.00	54.39 0.86 0.00	46.07 0.07 0.00	33.79 -0.59 0.00	47.29 -0.74 0.00	68.50 -0.87 0.00	90.89 0.40 0.00	75.53 0.42 0.00	73.25 -0.13 0.00	144.83 -0.49 0.00	92.79 0.52 0.00	118.23 0.60 0.00
MAPLEWOD_115KV_TB3 80458	84.23 3.68 0.00	83.46 3.87 0.00	82.90 3.92 0.00	72.41 3.33 -5.48	74.99 3.69 0.00	66.30 3.37 0.00	106.64 4.74 -15.96	157.17 3.39 -91.08	88.04 2.07 -47.33	63.90 2.63 -11.37	52.49 2.43 0.00	66.04 2.80 0.00	58.34 2.40 0.00	55.94 2.41 0.00	60.62 2.33 -12.29	159.38 1.73 -123.27	60.36 2.51 -9.81	72.88 3.58 0.08	94.78 4.29 0.00	78.61 3.51 0.00	76.87 3.49 0.00	152.18 6.85 0.00	96.48 4.20 0.00	123.04 5.41 0.00
MAPLE_RIDGE_WT_1 323574	79.99 -0.56 0.00	78.69 -0.89 0.00	77.71 -1.28 0.00	62.18 -1.43 0.00	69.67 -1.63 0.00	61.35 -1.58 0.00	83.58 -2.36 0.00	60.99 -1.71 0.00	37.65 -0.99 0.00	48.80 -1.10 0.00	49.04 -1.01 0.00	61.98 -1.26 0.00	54.84 -1.09 0.00	52.33 -1.20 0.00	44.70 -1.30 0.00	33.26 -1.12 0.00	46.38 -1.66 0.00	67.17 -2.20 0.00	87.89 -2.60 0.00	73.22 -1.89 0.00	71.72 -1.66 0.00	142.54 -2.78 0.00	90.48 -1.80 0.00	115.51 -2.12 0.00
MAPLE_RIDGE_WT_2 323611	79.99 -0.56 0.00	78.69 -0.89 0.00	77.71 -1.28 0.00	62.18 -1.43 0.00	69.67 -1.63 0.00	61.35 -1.58 0.00	83.58 -2.36 0.00	60.99 -1.71 0.00	37.65 -0.99 0.00	48.80 -1.10 0.00	49.04 -1.01 0.00	61.98 -1.26 0.00	54.84 -1.09 0.00	52.33 -1.20 0.00	44.70 -1.30 0.00	33.26 -1.12 0.00	46.38 -1.66 0.00	67.17 -2.20 0.00	87.89 -2.60 0.00	73.22 -1.89 0.00	71.72 -1.66 0.00	142.54 -2.78 0.00	90.48 -1.80 0.00	115.51 -2.12 0.00
MARBLE_RIVER_WT_PWR 323696	80.32 -0.23 0.00	79.10 -0.49 0.00	78.42 -0.56 0.00	63.33 -0.28 0.00	70.35 -0.96 0.00	62.06 -0.87 0.00	83.49 -2.45 0.00	60.29 -2.41 0.00	37.37 -1.27 0.00	48.44 -1.46 0.00	48.87 -1.19 0.00	61.34 -1.90 0.00	55.36 -0.57 0.00	53.58 0.05 0.00	45.33 -0.68 0.00	33.06 -1.32 0.00	46.35 -1.68 0.00	67.14 -2.24 0.00	89.30 -1.19 0.00	74.30 -0.81 0.00	71.98 -1.39 0.00	142.45 -2.88 0.00	91.37 -0.91 0.00	116.37 -1.26 0.00
MARSHVLE_115KV_TB1 80742	85.24 4.69 0.00	83.99 4.40 0.00	83.33 4.34 0.00	73.19 3.32 -6.25	75.10 3.80 0.00	66.16 3.23 0.00	110.28 4.82 -19.51	170.10 3.90 -103.49	94.73 2.45 -53.64	65.35 2.57 -12.88	52.06 2.01 0.00	66.30 3.06 0.00	58.93 3.00 0.00	56.39 2.86 0.00	62.39 2.45 -13.93	175.94 1.81 -139.75	61.70 2.52 -11.15	73.11 3.80 0.05	95.60 5.11 0.00	79.50 4.40 0.00	77.48 4.10 0.00	153.60 8.28 0.00	97.17 4.89 0.00	123.67 6.03 0.00
MARSH_HILL_WT_PWR 323713	77.08 -3.48 0.00	75.81 -3.78 0.00	74.13 -4.86 0.00	55.60 -4.66 3.34	63.99 -4.90 2.41	53.94 -4.76 4.22	66.71 -5.89 13.34	39.77 -4.18 18.76	36.24 -3.10 -0.69	44.94 -4.82 0.14	48.64 -5.42 -4.01	47.27 -6.77 9.19	38.89 -6.33 10.71	37.38 -6.11 10.05	13.34 -5.21 27.45	-3.01 -3.57 33.82	59.19 -4.49 -15.64	103.98 -6.18 -40.79	71.73 -7.95 10.80	76.74 -6.20 -7.83	86.11 -6.15 -18.89	118.28 -12.33 14.72	69.01 -8.73 14.54	47.94 -10.20 59.49
MCINTYRE_115KV_TB2 80467	82.24 1.69 0.00	80.76 1.17 0.00	80.06 1.07 0.00	64.43 0.82 0.00	72.11 0.81 0.00	63.47 0.54 0.00	85.72 -0.23 0.00	62.22 -0.48 0.00	38.35 -0.29 0.00	49.87 -0.03 0.00	50.41 0.36 0.00	63.73 0.49 0.00	56.73 0.80 0.00	54.20 0.67 0.00	46.03 0.02 0.00	34.23 -0.15 0.00	47.66 -0.37 0.00	68.80 -0.57 0.00	90.53 0.04 0.00	75.04 -0.06 0.00	73.23 -0.15 0.00	145.25 -0.08 0.00	93.01 0.73 0.00	119.14 1.51 0.00
MECO_____69_KV_BK1 80468	86.43 5.88 0.00	85.34 5.75 0.00	84.67 5.69 0.00	74.15 4.52 -6.02	76.45 5.15 0.00	67.50 4.57 0.00	113.19 6.89 -20.36	167.82 5.33 -99.79	93.60 3.21 -51.75	65.87 3.54 -12.43	52.61 2.56 0.00	66.87 3.63 0.00	59.64 3.70 0.00	57.27 3.73 0.00	62.85 3.40 -13.44	171.84 2.66 -134.81	62.65 3.88 -10.74	75.08 5.78 0.07	97.95 7.46 0.00	81.32 6.21 0.00	79.26 5.88 0.00	156.65 11.33 0.00	98.99 6.71 0.00	125.86 8.22 0.00
MENANDS___115KV_TB5 355628	83.84 3.29 0.00	83.12 3.53 0.00	82.56 3.57 0.00	72.16 3.08 -5.47	74.70 3.40 0.00	66.02 3.09 0.00	105.81 4.27 -15.59	156.63 3.01 -90.92	87.74 1.85 -47.25	63.62 2.37 -11.35	52.25 2.19 0.00	65.74 2.50 0.00	58.01 2.08 0.00	55.62 2.08 0.00	60.33 2.05 -12.27	158.95 1.52 -123.06	60.01 2.18 -9.79	72.38 3.09 0.08	94.13 3.64 0.00	78.07 2.97 0.00	76.36 2.98 0.00	151.26 5.93 0.00	95.99 3.71 0.00	122.39 4.76 0.00
MG INDUSTRY___DRP 24185	83.54 2.99 0.00	82.84 3.26 0.00	82.37 3.39 0.00	71.83 2.89 -5.34	74.50 3.20 0.00	65.69 2.75 0.00	101.98 3.78 -12.26	154.19 2.61 -88.88	86.45 1.59 -46.22	63.03 2.03 -11.10	51.86 1.80 0.00	65.36 2.12 0.00	57.74 1.81 0.00	55.33 1.80 0.00	59.76 1.75 -12.01	156.11 1.31 -120.42	59.50 1.86 -9.60	71.96 2.64 0.05	93.65 3.16 0.00	77.72 2.62 0.00	76.01 2.63 0.00	150.66 5.33 0.00	95.56 3.29 0.00	121.94 4.30 0.00

MID___OSWEGATCHIE_HYD 23849	80.86 0.31 0.00	78.81 -0.78 0.00	78.14 -0.85 0.00	62.58 -1.14 -0.11	70.14 -1.16 0.00	61.58 -1.35 0.00	83.36 -2.67 -0.08	61.20 -2.14 -0.64	37.31 -1.33 0.00	48.49 -1.42 0.00	49.09 -0.97 0.00	62.07 -1.17 0.00	55.18 -0.75 0.00	52.66 -0.86 0.00	44.97 -1.03 0.00	33.44 -0.94 0.00	46.55 -1.49 0.00	66.98 -2.38 0.00	87.91 -2.58 0.00	72.94 -2.16 0.00	71.20 -2.18 0.00	141.60 -3.72 0.00	90.13 -2.15 0.00	115.33 -2.31 0.00
MID___RAQUETTE_HYD 23851	80.82 0.27 0.00	79.25 -0.34 0.00	78.59 -0.40 0.00	63.21 -0.40 0.00	70.70 -0.61 0.00	62.06 -0.87 0.00	83.44 -2.50 0.00	60.46 -2.24 0.00	37.31 -1.33 0.00	48.62 -1.28 0.00	49.28 -0.77 0.00	62.30 -0.94 0.00	55.51 -0.43 0.00	53.08 -0.45 0.00	45.13 -0.87 0.00	33.47 -0.91 0.00	46.40 -1.64 0.00	66.82 -2.55 0.00	87.94 -2.55 0.00	72.97 -2.14 0.00	71.20 -2.18 0.00	141.63 -3.69 0.00	90.95 -1.33 0.00	116.64 -0.99 0.00
MILLIKEN___1 23584	81.93 1.38 0.00	80.86 1.27 0.00	80.05 1.07 0.00	69.98 0.72 -5.65	75.09 1.06 -2.73	68.66 0.96 -4.77	105.94 1.73 -18.26	109.84 0.79 -46.34	41.89 0.06 -3.19	51.48 -0.19 -1.76	65.08 -0.23 -15.26	104.26 -0.26 -41.28	69.41 -0.31 -13.79	81.54 -0.24 -28.25	89.20 -0.12 -43.32	84.68 0.01 -50.29	62.52 0.74 -13.75	84.46 1.49 -13.60	116.59 1.91 -24.19	103.38 1.58 -26.70	113.04 1.36 -38.30	245.14 2.21 -97.61	121.89 0.88 -28.73	185.68 0.79 -67.26
MILLIKEN___2 23585	81.93 1.38 0.00	80.86 1.27 0.00	80.05 1.07 0.00	69.98 0.72 -5.65	75.09 1.06 -2.73	68.66 0.96 -4.77	105.94 1.73 -18.26	109.84 0.79 -46.34	41.89 0.06 -3.19	51.48 -0.19 -1.76	65.08 -0.23 -15.26	104.26 -0.26 -41.28	69.41 -0.31 -13.79	81.54 -0.24 -28.25	89.20 -0.12 -43.32	84.68 0.01 -50.29	62.52 0.74 -13.75	84.46 1.49 -13.60	116.59 1.91 -24.19	103.38 1.58 -26.70	113.04 1.36 -38.30	245.14 2.21 -97.61	121.89 0.88 -28.73	185.68 0.79 -67.26
MILLIKEN___DIESEL 23629	81.93 1.38 0.00	80.86 1.27 0.00	80.05 1.07 0.00	69.98 0.72 -5.65	75.09 1.06 -2.73	68.66 0.96 -4.77	105.94 1.73 -18.26	109.84 0.79 -46.34	41.89 0.06 -3.19	51.48 -0.19 -1.76	65.08 -0.23 -15.26	104.26 -0.26 -41.28	69.41 -0.31 -13.79	81.54 -0.24 -28.25	89.20 -0.12 -43.32	84.68 0.01 -50.29	62.52 0.74 -13.75	84.46 1.49 -13.60	116.59 1.91 -24.19	103.38 1.58 -26.70	113.04 1.36 -38.30	245.14 2.21 -97.61	121.89 0.88 -28.73	185.68 0.79 -67.26
MILLSEAT___LFGE 323607	69.41 -3.56 7.58	72.88 -3.81 2.90	70.42 -4.50 4.07	56.32 -3.79 3.50	55.05 -3.83 12.42	47.93 -3.23 11.77	72.59 -5.14 8.22	38.01 -3.87 20.82	25.61 -2.46 10.57	45.97 -3.59 0.35	39.96 -3.73 6.37	42.71 -4.42 16.10	45.18 -4.00 6.75	36.75 -3.79 12.99	28.40 -3.17 14.43	20.76 -2.24 11.38	29.32 -2.63 16.09	44.50 -3.73 21.15	57.47 -4.62 28.40	42.19 -3.85 29.06	41.22 -4.12 28.04	90.15 -10.12 45.05	72.77 -6.64 12.87	87.30 -7.55 22.79
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	85.26 4.71 0.00	84.22 4.63 0.00	83.55 4.56 0.00	71.56 3.82 -4.13	75.48 4.18 0.00	67.06 4.13 0.00	98.62 5.96 -6.72	137.53 4.84 -69.99	78.33 2.96 -36.73	62.55 3.82 -8.82	54.04 3.98 0.00	68.11 4.87 0.00	60.03 4.10 0.00	57.54 4.00 0.00	59.29 3.74 -9.54	134.57 2.93 -97.26	60.85 4.21 -8.61	76.85 6.00 -1.48	97.57 7.08 0.00	80.95 5.85 0.00	78.98 5.60 0.00	156.56 11.24 0.00	99.13 6.85 0.00	125.83 8.20 0.00
MILLWOOD_13_KV_LOAD 356217	85.40 4.85 0.00	84.33 4.74 0.00	83.67 4.69 0.00	71.65 3.91 -4.13	75.59 4.28 0.00	67.17 4.24 0.00	98.76 6.10 -6.72	137.65 4.96 -69.99	78.40 3.03 -36.73	62.64 3.92 -8.82	54.12 4.07 0.00	68.21 4.97 0.00	60.12 4.19 0.00	57.62 4.09 0.00	59.37 3.83 -9.54	134.63 3.00 -97.26	60.95 4.30 -8.61	76.99 6.14 -1.48	97.75 7.26 0.00	81.10 6.00 0.00	79.12 5.75 0.00	156.75 11.43 0.00	99.25 6.97 0.00	126.02 8.38 0.00
MODEL_CITY_ENERGY 24167	64.85 -6.71 8.99	69.43 -6.72 3.44	66.69 -7.47 4.83	53.34 -6.16 4.11	50.09 -6.56 14.66	43.35 -5.75 13.83	67.20 -9.04 9.70	29.01 -6.91 26.78	21.48 -4.31 12.85	43.42 -6.04 0.44	36.00 -6.24 7.82	37.17 -7.42 18.65	41.50 -6.69 7.75	32.17 -6.29 15.08	24.31 -5.36 16.33	17.64 -3.88 12.86	23.72 -4.97 19.34	36.40 -7.14 25.83	47.95 -9.19 33.34	33.20 -7.48 34.43	32.53 -7.52 33.33	76.14 -16.75 52.44	66.84 -10.66 14.77	79.93 -12.32 25.38
MODERN_LFGE___ 323580	64.85 -6.71 8.99	69.43 -6.72 3.44	66.69 -7.47 4.83	53.34 -6.16 4.11	50.09 -6.56 14.66	43.35 -5.75 13.83	67.20 -9.04 9.70	29.01 -6.91 26.78	21.48 -4.31 12.85	43.42 -6.04 0.44	36.00 -6.24 7.82	37.17 -7.42 18.65	41.50 -6.69 7.75	32.17 -6.29 15.08	24.31 -5.36 16.33	17.64 -3.88 12.86	23.72 -4.97 19.34	36.40 -7.14 25.83	47.95 -9.19 33.34	33.20 -7.48 34.43	32.53 -7.52 33.33	76.14 -16.75 52.44	66.84 -10.66 14.77	79.93 -12.32 25.38
MOHAWK_PAPER___DRP 24187	84.23 3.68 0.00	83.46 3.87 0.00	82.90 3.92 0.00	72.41 3.33 -5.48	74.99 3.69 0.00	66.30 3.37 0.00	106.64 4.74 -15.96	157.17 3.39 -91.08	88.04 2.07 -47.33	63.90 2.63 -11.37	52.49 2.43 0.00	66.04 2.80 0.00	58.34 2.40 0.00	55.94 2.41 0.00	60.62 2.33 -12.29	159.38 1.73 -123.27	60.36 2.51 -9.81	72.88 3.58 0.08	94.78 4.29 0.00	78.61 3.51 0.00	76.87 3.49 0.00	152.18 6.85 0.00	96.48 4.20 0.00	123.04 5.41 0.00
MOHICAN___35_KV_115KV_LD 80490	85.78 5.23 0.00	85.12 5.53 0.00	84.23 5.25 0.00	73.53 4.32 -5.60	76.35 5.05 0.00	67.68 4.75 0.00	113.47 7.14 -20.38	160.67 5.07 -92.90	89.74 2.86 -48.24	64.99 3.51 -11.59	53.55 3.50 0.00	67.32 4.08 0.00	59.31 3.38 0.00	57.10 3.57 0.00	61.94 3.41 -12.53	162.64 2.61 -125.65	62.16 4.12 -10.01	75.23 5.94 0.07	98.06 7.57 0.00	81.20 6.09 0.00	79.27 5.89 0.00	156.51 11.19 0.00	99.02 6.74 0.00	125.79 8.15 0.00
MONGAUP___HYD 23641	86.03 5.48 0.00	85.01 5.42 0.00	84.32 5.34 0.00	71.79 4.39 -3.79	76.19 4.89 0.00	67.64 4.71 0.00	99.04 6.91 -6.18	132.85 5.48 -64.66	75.93 3.28 -34.01	61.88 3.80 -8.17	53.88 3.82 0.00	67.98 4.74 0.00	60.08 4.15 0.00	57.80 4.26 0.00	58.84 4.00 -8.84	127.51 3.15 -89.98	60.51 4.56 -7.92	77.25 6.60 -1.28	98.55 8.06 0.00	81.78 6.68 0.00	79.77 6.39 0.00	157.83 12.51 0.00	99.85 7.57 0.00	126.66 9.03 0.00
MONTAUK___DIESEL 23721	91.87 11.32 0.00	90.44 10.85 0.00	89.66 10.67 0.00	76.58 8.82 -4.15	81.13 9.83 0.00	72.40 9.47 0.00	105.68 13.09 -6.65	142.30 9.91 -69.69	81.20 5.70 -36.86	65.73 6.96 -8.87	57.02 6.97 0.00	126.50 8.75 -54.52	112.41 8.48 -48.00	157.58 8.86 -95.18	207.86 7.90 -153.95	157.66 5.98 -117.30	81.77 8.30 -25.43	116.49 11.79 -35.33	129.22 12.64 -26.09	155.23 9.83 -70.30	79.75 6.33 -0.05	156.97 11.65 0.00	105.95 7.53 -6.14	127.21 9.58 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	76.46 -4.09 0.00	75.30 -4.29 0.00	73.81 -5.18 0.00	57.95 -4.39 1.27	65.35 -4.82 1.14	56.89 -4.05 1.99	74.75 -5.40 5.79	45.94 -4.72 12.05	36.31 -3.21 -0.88	33.85 -4.67 11.38	0.67 -4.90 44.48	2.69 -6.01 54.54	38.23 -6.03 11.67	33.18 -5.81 14.54	21.91 -4.95 19.13	15.88 -3.33 15.17	32.97 -4.53 10.54	46.23 -6.67 16.47	69.99 -8.37 12.13	50.24 -6.98 17.88	39.39 -6.72 27.28	75.79 -13.49 56.05	65.36 -8.21 18.71	82.11 -7.48 28.04

MORRIS_RIDGE___SOLAR 323848	76.67 -3.88 0.00	75.68 -3.91 0.00	74.19 -4.80 0.00	57.13 -4.38 2.10	65.09 -4.53 1.69	55.76 -4.22 2.95	70.91 -6.10 8.93	30.27 -4.81 27.62	36.29 -3.26 -0.91	44.66 -4.85 0.39	15.07 -5.21 29.78	-1.70 -6.47 58.47	40.20 -5.86 9.87	11.31 -5.66 36.55	2.83 -4.80 38.37	6.19 -3.38 24.80	0.96 -4.02 43.05	-14.57 -5.60 78.34	54.50 -7.20 28.79	10.70 -5.68 58.73	-26.88 -5.73 94.52	-23.27 -12.07 156.53	52.13 -8.07 32.08	66.27 -9.77 41.59
MORTIMER_115KV_TB3 55949	77.11 -3.45 0.00	75.88 -3.71 0.00	74.87 -4.11 0.00	59.65 -3.42 0.54	67.11 -3.58 0.60	58.81 -3.06 1.06	78.07 -4.59 3.29	55.49 -3.43 3.78	37.20 -2.14 -0.71	46.86 -3.01 0.04	43.92 -3.18 2.96	50.85 -3.91 8.48	49.54 -3.43 2.96	44.36 -3.32 5.85	34.36 -2.81 8.83	25.20 -1.99 7.19	43.40 -2.48 2.15	63.84 -3.52 2.02	80.98 -4.42 5.10	66.00 -3.69 5.41	61.82 -3.91 7.64	115.87 -8.99 20.47	80.25 -5.84 6.19	95.75 -7.00 14.88
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	85.56 5.01 0.00	84.42 4.83 0.00	83.73 4.74 0.00	71.75 3.99 -4.15	75.67 4.37 0.00	67.30 4.37 0.00	98.90 6.20 -6.76	138.18 5.11 -70.37	78.75 3.18 -36.92	62.95 4.18 -8.87	54.42 4.37 0.00	68.59 5.35 0.00	60.47 4.54 0.00	57.96 4.44 0.00	59.67 4.08 -9.59	135.35 3.20 -97.77	61.25 4.55 -8.66	77.35 6.48 -1.49	98.14 7.65 0.00	81.41 6.31 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.63 7.35 0.00	126.46 8.82 0.00
MUNSVILLE_WIND_PWR 323609	90.61 7.52 -2.54	87.90 7.35 -0.97	87.17 6.83 -1.36	73.69 5.19 -4.89	83.00 6.30 -5.39	74.59 5.56 -6.10	108.14 8.64 -13.56	113.64 5.83 -45.11	55.01 2.91 -13.46	56.05 3.74 -2.41	62.48 3.62 -8.80	91.08 4.21 -23.62	68.34 3.24 -9.17	73.91 2.93 -17.46	74.80 2.58 -26.22	78.99 1.98 -42.63	63.09 3.52 -11.54	85.36 5.30 -10.69	117.33 7.20 -19.65	101.55 5.94 -20.51	103.45 5.53 -24.54	212.41 10.74 -56.35	114.84 5.67 -16.89	162.10 6.34 -38.13
N SALMON___HYD 24042	81.78 1.23 0.00	80.34 0.75 0.00	79.69 0.71 0.00	64.35 0.74 0.00	71.61 0.31 0.00	63.22 0.29 0.00	85.17 -0.77 0.00	61.73 -0.98 0.00	38.19 -0.45 0.00	49.58 -0.32 0.00	49.95 -0.11 0.00	62.77 -0.47 0.00	56.47 0.53 0.00	54.40 0.87 0.00	46.07 0.07 0.00	33.80 -0.58 0.00	47.29 -0.74 0.00	68.50 -0.87 0.00	90.88 0.39 0.00	75.53 0.43 0.00	73.25 -0.13 0.00	144.84 -0.49 0.00	92.80 0.52 0.00	118.23 0.60 0.00
N.AKRON__115KV_KNAPP 355671	76.20 -4.35 0.00	75.07 -4.52 0.00	73.76 -5.23 0.00	58.38 -4.38 0.85	65.95 -4.52 0.83	57.60 -3.87 1.46	76.13 -6.13 3.69	53.40 -4.63 4.67	36.49 -2.94 -0.79	45.63 -4.20 0.08	39.06 -4.35 6.65	41.45 -5.19 16.59	46.98 -4.65 4.31	38.24 -4.38 10.91	28.20 -3.70 14.10	21.24 -2.62 10.52	36.52 -3.29 8.23	51.52 -4.65 13.20	75.57 -5.81 9.11	56.51 -4.82 13.78	47.25 -5.02 21.11	90.91 -11.83 42.57	73.97 -7.63 10.67	88.40 -8.73 20.50
N.BELMOR_69_KV_BK1 55787	86.79 6.24 0.00	85.70 6.11 0.00	84.99 6.00 0.00	72.77 5.01 -4.15	76.76 5.45 0.00	68.31 5.38 0.00	99.99 7.33 -6.72	137.81 5.70 -69.41	78.90 3.43 -36.83	63.31 4.53 -8.87	54.71 4.66 0.00	123.88 6.12 -54.52	109.25 5.32 -48.00	124.91 5.18 -66.20	107.73 4.56 -57.17	155.20 3.54 -117.28	62.01 4.99 -8.98	102.74 7.41 -25.96	124.63 8.84 -25.30	142.34 7.27 -59.96	80.26 6.84 -0.05	158.71 13.38 0.00	106.99 8.57 -6.14	127.81 10.17 0.00
N.E_GEN_SANDY PD 24062	85.08 4.52 0.00	84.27 4.69 0.00	83.61 4.62 0.00	72.37 3.89 -4.88	74.17 4.25 1.38	66.12 4.06 0.87	101.55 5.79 -9.81	148.75 4.33 -81.72	83.83 2.57 -42.63	63.43 3.29 -10.24	53.53 3.33 -0.15	67.32 3.92 -0.16	59.08 3.15 0.00	55.02 3.12 1.64	61.50 3.06 -12.44	148.54 2.29 -111.87	68.75 3.40 -17.31	74.99 4.88 -0.74	97.18 5.97 -0.72	79.96 4.86 0.00	81.39 4.81 -3.19	154.02 9.34 0.64	96.13 5.96 2.11	125.88 7.56 -0.69
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	85.02 4.47 0.00	83.98 4.39 0.00	83.32 4.33 0.00	71.21 3.60 -4.00	75.24 3.93 0.00	66.87 3.94 0.00	98.19 5.73 -6.51	135.37 4.68 -67.98	77.20 2.85 -35.71	62.14 3.66 -8.58	53.89 3.83 0.00	67.89 4.65 0.00	59.81 3.88 0.00	57.34 3.81 0.00	58.87 3.59 -9.28	131.73 2.83 -94.52	60.42 4.03 -8.35	76.53 5.75 -1.40	97.22 6.73 0.00	80.72 5.62 0.00	78.74 5.36 0.00	156.15 10.82 0.00	98.88 6.60 0.00	125.55 7.93 0.00
N.QUEENS_27_KV_LOAD 356247	85.64 5.09 0.00	84.60 5.01 0.00	83.91 4.92 0.00	71.86 4.10 -4.15	75.65 4.35 0.00	67.38 4.46 0.00	98.87 6.13 -6.80	138.68 5.31 -70.67	78.85 3.26 -36.95	62.97 4.21 -8.87	54.46 4.41 0.00	68.67 5.43 0.00	60.64 4.71 0.00	58.17 4.64 0.00	59.77 4.18 -9.59	135.48 3.29 -97.82	61.25 4.50 -8.72	77.37 6.50 -1.50	97.91 7.42 0.00	81.37 6.27 0.00	79.35 5.97 0.00	157.81 12.48 0.00	99.72 7.45 0.00	126.51 8.88 0.00
N.TROY___115KV_TB1 355778	84.58 4.03 0.00	83.84 4.25 0.00	83.20 4.21 0.00	72.63 3.52 -5.50	75.24 3.94 0.00	66.59 3.66 0.00	109.24 5.21 -18.09	157.85 3.77 -91.38	88.32 2.21 -47.47	64.09 2.78 -11.40	52.77 2.72 0.00	66.39 3.15 0.00	58.56 2.63 0.00	56.19 2.66 0.00	60.92 2.59 -12.33	159.99 1.89 -123.72	60.68 2.78 -9.87	73.33 3.99 0.04	95.38 4.89 0.00	79.10 4.00 0.00	77.39 4.01 0.00	152.97 7.65 0.00	97.12 4.85 0.00	123.93 6.30 0.00
NARROWS_GT1_1 24228	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT1_2 24229	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT1_3 24230	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT1_4 24231	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00

NARROWS_GT1_5 24232	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT1_6 24233	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT1_7 24234	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT1_8 24235	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.96 3.27 -99.32	63.07 4.58 -10.46	77.67 6.52 -1.77	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_1 24236	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_2 24237	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_3 24238	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_4 24239	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_5 24240	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_6 24241	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_7 24242	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NARROWS_GT2_8 24243	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.58 0.00	71.62 3.86 -4.15	75.40 4.10 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.19 5.12 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.56 4.50 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.74 4.15 -9.59	136.06 3.27 -98.41	62.02 4.58 -9.41	77.50 6.52 -1.61	98.21 7.72 0.00	81.50 6.40 0.00	79.46 6.08 0.00	157.62 12.30 0.00	99.68 7.40 0.00	126.56 8.93 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	85.84 5.29 0.00	85.13 5.55 0.00	84.59 5.61 0.00	73.45 4.73 -5.11	76.68 5.37 0.00	67.67 4.74 0.00	104.33 6.66 -11.73	152.76 4.71 -85.35	85.94 2.85 -44.45	64.18 3.61 -10.68	53.27 3.22 0.00	66.95 3.71 0.00	59.37 3.44 0.00	56.93 3.40 0.00	60.65 3.10 -11.55	152.75 2.29 -116.08	60.93 3.49 -9.40	74.71 5.13 -0.21	96.87 6.37 0.00	80.26 5.16 0.00	78.36 4.98 0.00	155.04 9.72 0.00	98.11 5.83 0.00	124.91 7.28 0.00
NCHELSEA_115KV_TR2 355582	86.39 5.84 0.00	85.35 5.76 0.00	84.67 5.68 0.00	72.49 4.73 -4.15	76.57 5.27 0.00	67.98 5.05 0.00	100.18 7.39 -6.85	138.87 5.90 -70.27	79.10 3.57 -36.89	63.27 4.51 -8.86	54.67 4.61 0.00	68.99 5.75 0.00	60.79 4.86 0.00	58.25 4.72 0.00	59.96 4.37 -9.58	135.45 3.43 -97.63	61.62 4.97 -8.61	77.95 7.15 -1.43	99.16 8.67 0.00	82.25 7.14 0.00	80.20 6.83 0.00	158.75 13.43 0.00	100.41 8.13 0.00	127.36 9.73 0.00
NEG CAPITAL___MECHNVIL 23645	85.40 4.85 0.00	84.63 5.04 0.00	83.95 4.96 0.00	73.26 4.09 -5.56	75.96 4.65 0.00	67.21 4.28 0.00	111.88 6.25 -19.69	159.64 4.57 -92.37	89.26 2.65 -47.97	64.75 3.32 -11.52	53.24 3.19 0.00	67.06 3.82 0.00	59.22 3.29 0.00	56.87 3.34 0.00	61.61 3.15 -12.46	161.69 2.34 -124.97	61.52 3.53 -9.96	74.40 5.09 0.06	96.89 6.40 0.00	80.31 5.20 0.00	78.45 5.07 0.00	155.00 9.67 0.00	98.22 5.94 0.00	125.10 7.47 0.00



NEG CENTRAL_HIGH_ACRES 23767	73.00 -4.08 3.48	73.94 -4.32 1.33	72.46 -4.66 1.87	58.31 -3.81 1.49	61.53 -4.02 5.76	53.99 -3.43 5.51	76.64 -4.85 4.45	50.16 -3.61 8.94	32.54 -2.27 3.83	46.63 -3.19 0.08	44.56 -3.31 2.18	52.95 -4.10 6.18	49.14 -3.63 3.17	44.83 -3.48 5.22	36.44 -2.95 6.62	27.27 -2.09 5.01	40.28 -2.59 5.16	60.30 -3.73 5.35	73.15 -4.76 12.58	59.88 -3.99 11.23	59.99 -4.19 9.20	119.13 -9.39 16.81	80.41 -6.20 5.67	97.93 -7.61 12.09
NEG CENTRAL___DRP 24199	79.55 -1.00 0.00	78.60 -0.98 0.00	77.70 -1.29 0.00	61.81 -1.22 0.58	69.61 -1.04 0.65	60.92 -0.86 1.14	81.97 -0.89 3.09	57.96 -0.90 3.84	38.62 -0.82 -0.80	48.49 -1.37 0.04	46.84 -1.42 1.80	54.78 -1.70 6.76	51.25 -1.59 3.09	47.10 -1.50 4.92	36.24 -1.16 8.60	26.11 -0.71 7.56	47.48 -0.58 -0.02	71.06 -0.75 -2.44	84.85 -1.01 4.63	71.27 -0.76 3.07	68.84 -0.95 3.59	126.74 -2.80 15.78	84.38 -2.15 5.74	98.68 -2.86 16.08
NEG CENTRAL___INDECK 23768	75.70 -3.36 1.49	75.33 -3.69 0.57	73.92 -4.27 0.80	57.45 -3.75 2.41	62.90 -4.63 3.78	53.44 -4.83 4.65	69.71 -7.36 8.87	49.61 -5.06 8.02	36.31 -3.10 -0.77	45.12 -4.42 0.35	52.38 -4.99 -7.31	59.46 -6.68 -2.90	44.34 -5.19 6.41	47.44 -5.44 0.65	28.23 -4.49 13.28	11.60 -3.16 19.62	63.98 -4.12 -20.06	108.61 -6.23 -45.48	78.27 -7.20 5.02	85.09 -3.81 -13.80	99.67 -4.11 -30.41	153.34 -9.53 -17.54	80.27 -6.45 5.56	72.27 -7.92 37.44
NEG CENTRAL___SENECA 23627	79.17 -1.38 0.00	78.37 -1.21 0.00	77.39 -1.59 0.00	60.57 -1.52 1.52	68.78 -1.30 1.23	59.70 -1.09 2.14	78.27 -1.18 6.50	50.62 -1.14 10.94	38.32 -1.00 -0.68	47.98 -1.65 0.27	44.42 -1.72 3.92	47.53 -2.05 13.66	48.12 -1.92 5.90	41.90 -1.81 9.82	27.74 -1.40 16.86	16.93 -0.87 16.57	46.43 -0.71 0.90	71.55 -0.98 -3.16	80.21 -1.30 8.98	67.61 -0.93 6.57	64.12 -1.15 8.10	110.36 -3.48 31.49	78.62 -2.59 11.06	83.98 -3.44 30.20
NEG CENTRAL___STATE_STREET 24147	80.56 0.01 0.00	79.26 -0.32 0.00	78.45 -0.53 0.00	64.15 -0.55 -1.08	71.22 -0.38 -0.30	63.18 -0.28 -0.53	88.60 -0.11 -2.78	71.12 -0.38 -8.80	39.38 -0.48 -1.22	49.43 -0.88 -0.41	51.40 -0.93 -2.27	67.74 -1.12 -5.61	56.51 -1.06 -1.64	56.32 -0.97 -3.76	50.84 -0.73 -5.57	42.07 -0.42 -8.11	49.66 -0.13 -1.75	70.54 -0.01 -1.18	93.06 -0.07 -2.64	77.81 -0.03 -2.73	77.02 -0.22 -3.86	154.67 -0.99 -10.33	94.42 -0.98 -3.12	123.71 -1.42 -7.51
NEG MILLWOOD___DRP 24198	86.58 6.03 0.00	85.53 5.95 0.00	84.85 5.87 0.00	72.68 4.88 -4.19	76.74 5.43 0.00	68.17 5.24 0.00	100.49 7.67 -6.87	139.77 6.11 -70.96	79.57 3.70 -37.23	63.54 4.69 -8.94	54.86 4.81 0.00	69.19 5.95 0.00	60.97 5.04 0.00	58.44 4.92 0.00	60.22 4.55 -9.67	136.49 3.55 -98.56	61.88 5.13 -8.72	78.26 7.41 -1.48	99.47 8.98 0.00	82.51 7.40 0.00	80.40 7.02 0.00	159.19 13.87 0.00	100.63 8.35 0.00	127.63 10.00 0.00
NEG NORTH_FLCN_SEA 23793	81.02 0.47 0.00	79.90 0.32 0.00	79.09 0.11 0.00	63.83 0.22 0.00	70.93 -0.37 0.00	62.62 -0.31 0.00	84.17 -1.77 0.00	60.55 -2.16 0.00	37.58 -1.07 0.00	48.68 -1.23 0.00	49.31 -0.75 0.00	61.87 -1.37 0.00	55.85 -0.09 0.00	54.10 0.57 0.00	45.77 -0.23 0.00	33.20 -1.18 0.00	46.70 -1.33 0.00	67.41 -1.96 0.00	89.79 -0.70 0.00	74.84 -0.26 0.00	72.53 -0.84 0.00	143.73 -1.59 0.00	92.14 -0.14 0.00	117.12 -0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	80.50 -0.05 0.00	79.23 -0.36 0.00	78.57 -0.41 0.00	63.46 -0.15 0.00	70.43 -0.88 0.00	62.15 -0.78 0.00	83.67 -2.28 0.00	60.46 -2.24 0.00	37.48 -1.16 0.00	48.59 -1.31 0.00	48.97 -1.09 0.00	61.51 -1.72 0.00	55.52 -0.42 0.00	53.69 0.16 0.00	45.40 -0.60 0.00	33.12 -1.26 0.00	46.45 -1.59 0.00	67.36 -2.01 0.00	89.64 -0.85 0.00	74.56 -0.54 0.00	72.21 -1.17 0.00	142.83 -2.49 0.00	91.58 -0.70 0.00	116.63 -1.00 0.00
NEG NORTH___ALICE_FALLS 23915	81.74 1.19 0.00	80.55 0.96 0.00	79.75 0.77 0.00	64.41 0.80 0.00	71.55 0.25 0.00	63.18 0.25 0.00	85.07 -0.88 0.00	61.34 -1.36 0.00	38.07 -0.57 0.00	49.23 -0.67 0.00	49.77 -0.28 0.00	62.47 -0.77 0.00	56.34 0.41 0.00	54.55 1.02 0.00	46.16 0.16 0.00	33.60 -0.78 0.00	47.18 -0.86 0.00	68.25 -1.12 0.00	90.84 0.35 0.00	75.65 0.55 0.00	73.28 -0.10 0.00	144.99 -0.33 0.00	92.86 0.58 0.00	118.05 0.42 0.00
NEG NORTH___LWR_SARANAC 23913	81.74 1.19 0.00	80.55 0.96 0.00	79.75 0.77 0.00	64.41 0.80 0.00	71.55 0.25 0.00	63.18 0.25 0.00	85.07 -0.88 0.00	61.34 -1.36 0.00	38.07 -0.57 0.00	49.23 -0.67 0.00	49.77 -0.28 0.00	62.47 -0.77 0.00	56.34 0.41 0.00	54.55 1.02 0.00	46.16 0.16 0.00	33.60 -0.78 0.00	47.18 -0.86 0.00	68.25 -1.12 0.00	90.84 0.35 0.00	75.65 0.55 0.00	73.28 -0.10 0.00	144.99 -0.33 0.00	92.86 0.58 0.00	118.05 0.42 0.00
NEG NORTH___PLATTSBURG 23628	81.74 1.19 0.00	80.55 0.96 0.00	79.75 0.77 0.00	64.40 0.80 0.00	71.55 0.25 0.00	63.18 0.25 0.00	85.07 -0.88 0.00	61.34 -1.36 0.00	38.07 -0.57 0.00	49.24 -0.66 0.00	49.78 -0.28 0.00	62.44 -0.80 0.00	56.34 0.41 0.00	54.55 1.02 0.00	46.16 0.15 0.00	33.61 -0.77 0.00	47.18 -0.86 0.00	68.26 -1.11 0.00	90.84 0.35 0.00	75.65 0.55 0.00	73.28 -0.10 0.00	145.00 -0.33 0.00	92.87 0.59 0.00	118.05 0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	74.41 -6.14 0.00	73.30 -6.29 0.00	71.97 -7.02 0.00	56.85 -5.84 0.91	64.24 -6.19 0.88	55.97 -5.42 1.54	71.24 -8.50 6.20	31.44 -6.44 24.82	35.34 -4.05 -0.75	43.96 -5.68 0.27	33.93 -5.84 10.29	38.05 -6.96 18.22	45.13 -6.21 4.58	35.71 -5.89 11.93	25.81 -5.03 15.17	18.80 -3.61 11.98	33.90 -4.69 9.44	47.29 -6.69 15.39	72.14 -8.45 9.90	52.73 -6.96 15.42	42.54 -7.08 23.75	82.64 -15.75 46.93	70.70 -10.01 11.56	84.45 -11.54 21.64
NEG WEST___LANCASTER 23811	79.97 -0.59 0.00	78.84 -0.74 0.00	77.48 -1.50 0.00	60.98 -1.44 1.19	69.02 -1.19 1.09	59.84 -1.18 1.91	77.83 -2.60 5.51	48.89 -2.35 11.47	38.01 -1.53 -0.90	47.27 -2.45 0.17	37.97 -2.82 9.27	38.55 -3.13 21.55	47.59 -2.69 5.66	36.76 -2.57 14.20	25.27 -2.23 18.50	18.39 -1.60 14.39	35.71 -1.79 10.53	50.21 -2.45 16.71	75.57 -3.11 11.81	54.79 -2.59 17.72	43.66 -2.59 27.12	84.34 -5.90 55.08	74.85 -3.54 13.88	86.79 -3.93 26.91
NEG_PENN_ALLEGHNY 23528	84.94 0.75 -3.64	81.85 0.87 -1.39	81.63 0.69 -1.95	66.72 0.40 -2.70	77.59 0.73 -5.57	68.41 0.53 -4.96	91.63 0.99 -4.70	86.34 -0.19 -23.82	50.97 -0.73 -13.05	49.82 -1.10 -1.02	49.74 -1.14 -0.83	63.21 -1.49 -1.47	56.79 -1.40 -2.26	55.12 -1.32 -2.91	46.86 -1.15 -2.01	43.06 -0.78 -9.46	51.29 -0.18 -3.43	72.27 0.42 -2.48	99.06 0.77 -7.80	83.54 0.81 -7.63	77.89 0.71 -3.80	148.54 1.21 -2.00	93.90 0.40 -1.22	119.17 0.21 -1.33
NEG___GEN_MONROE 24207	77.61 -2.94 0.00	76.37 -3.22 0.00	75.32 -3.67 0.00	59.97 -3.09 0.56	67.54 -3.15 0.61	59.20 -2.65 1.08	78.56 -4.05 3.34	55.59 -3.00 4.11	37.46 -1.89 -0.71	47.16 -2.70 0.04	43.59 -2.87 3.60	50.11 -3.51 9.62	49.80 -3.07 3.06	44.04 -2.96 6.53	34.14 -2.49 9.37	25.24 -1.75 7.39	42.59 -2.11 3.33	62.06 -2.96 4.35	81.15 -3.68 5.66	65.07 -3.11 6.93	59.87 -3.35 10.16	113.18 -8.07 24.07	80.20 -5.30 6.78	96.19 -6.28 15.16

NEPA__ENERGY 23901	76.62 -3.93 0.00	75.44 -4.15 0.00	73.94 -5.05 0.00	58.14 -4.30 1.17	65.73 -4.51 1.06	57.12 -3.95 1.86	74.55 -6.01 5.39	46.00 -4.79 11.91	36.38 -3.11 -0.85	43.69 -4.50 1.72	30.03 -4.86 15.17	29.84 -5.81 27.59	44.17 -5.36 6.40	33.35 -5.13 15.05	22.79 -4.38 18.83	17.10 -3.08 14.20	31.56 -3.94 12.54	43.05 -5.61 20.70	71.07 -7.02 12.40	49.37 -5.83 19.89	36.65 -5.89 30.84	72.84 -12.83 59.65	69.10 -8.14 15.03	82.43 -8.99 26.21
NEVERSINK__HYD 23608	87.06 6.51 0.00	86.02 6.43 0.00	85.35 6.36 0.00	72.60 5.22 -3.77	77.17 5.87 0.00	68.53 5.61 0.00	100.64 8.28 -6.42	133.66 6.56 -64.40	76.54 3.97 -33.92	62.88 4.83 -8.15	54.91 4.85 0.00	69.38 6.14 0.00	61.16 5.23 0.00	58.61 5.08 0.00	59.52 4.71 -8.81	127.65 3.68 -89.58	61.11 5.28 -7.79	78.23 7.74 -1.12	100.05 9.56 0.00	83.00 7.90 0.00	80.88 7.50 0.00	160.04 14.72 0.00	101.13 8.85 0.00	128.24 10.61 0.00
NEWKRMKL_115KV_TB1 55635	83.50 2.95 0.00	82.82 3.23 0.00	82.29 3.30 0.00	71.96 2.89 -5.47	74.48 3.18 0.00	65.76 2.83 0.00	105.14 3.92 -15.27	156.35 2.73 -90.92	87.63 1.74 -47.25	63.48 2.23 -11.35	52.05 2.00 0.00	65.56 2.32 0.00	57.88 1.95 0.00	55.47 1.95 0.00	60.18 1.91 -12.27	158.85 1.44 -123.04	59.87 2.06 -9.78	72.18 2.90 0.10	93.87 3.38 0.00	77.86 2.76 0.00	76.15 2.77 0.00	150.97 5.64 0.00	95.72 3.44 0.00	121.97 4.34 0.00
NEWTON__FALLS_HYD 23847	80.86 0.31 0.00	78.81 -0.78 0.00	78.14 -0.85 0.00	62.58 -1.14 -0.11	70.14 -1.16 0.00	61.58 -1.35 0.00	83.36 -2.67 -0.08	61.20 -2.14 -0.64	37.31 -1.33 0.00	48.49 -1.42 0.00	49.09 -0.97 0.00	62.07 -1.17 0.00	55.18 -0.75 0.00	52.66 -0.86 0.00	44.97 -1.03 0.00	33.44 -0.94 0.00	46.55 -1.49 0.00	66.98 -2.38 0.00	87.91 -2.58 0.00	72.94 -2.16 0.00	71.20 -2.18 0.00	141.60 -3.72 0.00	90.13 -2.15 0.00	115.33 -2.31 0.00
NGRID_A1_DSASP 323792	64.44 -6.72 9.38	68.75 -7.25 3.59	65.95 -8.00 5.04	52.76 -6.59 4.26	49.13 -6.91 15.26	42.47 -6.08 14.38	66.20 -9.55 10.19	25.65 -7.32 29.73	20.46 -4.66 13.52	42.92 -6.50 0.48	35.09 -6.75 8.21	36.01 -8.34 18.89	40.64 -7.37 7.92	31.05 -7.11 15.37	23.49 -5.94 16.56	16.94 -4.25 13.20	22.36 -5.59 20.08	34.52 -8.15 26.70	45.87 -10.14 34.48	31.23 -8.38 35.49	30.63 -8.57 34.18	73.06 -18.94 53.32	65.43 -11.84 15.01	78.70 -13.28 25.64
NGRID_A2_DSASP 323793	64.44 -6.72 9.38	68.75 -7.25 3.59	65.95 -8.00 5.04	52.76 -6.59 4.26	49.13 -6.91 15.26	42.47 -6.08 14.38	66.20 -9.55 10.19	25.65 -7.32 29.73	20.46 -4.66 13.52	42.92 -6.50 0.48	35.09 -6.75 8.21	36.01 -8.34 18.89	40.64 -7.37 7.92	31.05 -7.11 15.37	23.49 -5.94 16.56	16.94 -4.25 13.20	22.36 -5.59 20.08	34.52 -8.15 26.70	45.87 -10.14 34.48	31.23 -8.38 35.49	30.63 -8.57 34.18	73.06 -18.94 53.32	65.43 -11.84 15.01	78.70 -13.28 25.64
NGRID_A4_DSASP 323807	64.44 -6.72 9.38	68.75 -7.25 3.59	65.95 -8.00 5.04	52.76 -6.59 4.26	49.13 -6.91 15.26	42.47 -6.08 14.38	66.20 -9.55 10.19	25.65 -7.32 29.73	20.46 -4.66 13.52	42.92 -6.50 0.48	35.09 -6.75 8.21	36.01 -8.34 18.89	40.64 -7.37 7.92	31.05 -7.11 15.37	23.49 -5.94 16.56	16.94 -4.25 13.20	22.36 -5.59 20.08	34.52 -8.15 26.70	45.87 -10.14 34.48	31.23 -8.38 35.49	30.63 -8.57 34.18	73.06 -18.94 53.32	65.43 -11.84 15.01	78.70 -13.28 25.64
NIAGARA_115E_LBMP 323715	63.96 -7.25 9.34	68.85 -7.16 3.57	66.06 -7.91 5.02	52.82 -6.53 4.26	49.11 -6.97 15.22	42.47 -6.12 14.34	66.19 -9.63 10.13	26.43 -7.39 28.88	20.60 -4.61 13.43	43.01 -6.42 0.47	35.23 -6.65 8.18	36.27 -7.88 19.09	40.84 -7.13 7.97	31.38 -6.67 15.48	23.63 -5.69 16.69	17.08 -4.13 13.18	22.70 -5.34 20.00	34.99 -7.65 26.72	46.02 -9.97 34.50	31.49 -8.04 35.57	31.02 -8.04 34.32	73.79 -17.78 53.76	65.83 -11.29 15.15	78.66 -13.04 25.93
NIAGARA_115W_LBMP 323714	64.33 -6.84 9.38	68.62 -7.38 3.59	65.85 -8.10 5.04	52.66 -6.70 4.25	49.03 -7.01 15.26	42.38 -6.17 14.37	66.08 -9.66 10.21	25.36 -7.42 29.92	20.39 -4.72 13.52	42.83 -6.59 0.48	35.01 -6.83 8.22	35.95 -8.46 18.82	40.56 -7.46 7.91	30.99 -7.21 15.32	23.48 -6.02 16.51	16.93 -4.28 13.17	22.33 -5.66 20.04	34.46 -8.29 26.62	45.75 -10.30 34.44	31.17 -8.51 35.42	30.62 -8.68 34.08	72.96 -19.23 53.14	65.32 -11.99 14.97	78.63 -13.42 25.58
NIAGARA_230_LBMP 323716	65.00 -6.19 9.37	69.50 -6.51 3.58	66.76 -7.19 5.03	53.42 -5.97 4.22	49.75 -6.33 15.22	43.01 -5.60 14.32	66.90 -8.87 10.17	25.49 -6.81 30.40	20.86 -4.25 13.53	43.47 -5.96 0.48	35.72 -6.28 8.05	37.35 -7.64 18.24	41.37 -6.77 7.79	32.06 -6.51 14.96	24.36 -5.55 16.09	17.45 -4.04 12.90	23.15 -5.20 19.68	35.88 -7.51 25.98	46.92 -9.44 34.12	32.41 -7.84 34.86	32.21 -7.94 33.23	76.36 -17.33 51.63	66.79 -10.86 14.63	80.03 -12.56 25.05
NIAGARA__115KV_198_GIBSON 55903	73.68 -6.87 0.00	72.21 -7.37 0.00	70.89 -8.10 0.00	55.99 -6.68 0.94	63.36 -7.04 0.90	55.17 -6.19 1.57	71.79 -9.66 4.50	45.63 -7.45 9.63	34.73 -4.72 -0.81	43.20 -6.57 0.13	34.96 -6.88 8.22	36.12 -8.49 18.63	43.76 -7.48 4.69	34.15 -7.18 12.20	24.45 -6.01 15.54	18.40 -4.26 11.73	32.65 -5.72 9.66	45.38 -8.29 15.69	70.04 -10.34 10.11	50.80 -8.57 15.74	40.38 -8.73 24.27	78.08 -19.27 47.97	68.49 -11.98 11.82	82.05 -13.43 22.15
NIAGARA____ 23760	65.01 -6.19 9.36	69.50 -6.51 3.58	66.76 -7.19 5.03	53.41 -5.97 4.22	49.75 -6.33 15.22	43.01 -5.60 14.32	66.91 -8.87 10.16	25.96 -6.81 29.94	20.88 -4.25 13.51	43.47 -5.96 0.48	35.69 -6.28 8.09	37.17 -7.64 18.42	41.33 -6.77 7.83	31.96 -6.51 15.06	24.26 -5.55 16.19	17.40 -4.04 12.95	23.08 -5.20 19.75	35.71 -7.51 26.15	46.83 -9.44 34.22	32.26 -7.84 35.01	31.99 -7.94 33.45	75.87 -17.33 52.12	66.69 -10.86 14.73	79.90 -12.56 25.18
NINE_MILE_1 23575	77.48 -3.07 0.00	76.50 -3.09 0.00	75.86 -3.13 0.00	61.32 -2.55 -0.26	68.53 -2.77 0.00	60.50 -2.43 0.00	82.90 -3.23 -0.18	61.76 -2.43 -1.49	37.10 -1.54 0.00	47.78 -2.13 0.00	47.88 -2.18 0.00	60.47 -2.77 0.00	53.46 -2.47 0.00	51.17 -2.37 0.00	44.02 -1.98 0.00	33.02 -1.36 0.00	46.25 -1.79 0.00	66.81 -2.56 0.00	87.12 -3.37 0.00	72.31 -2.80 0.00	70.60 -2.78 0.00	139.48 -5.85 0.00	88.43 -3.85 0.00	112.70 -4.93 0.00
NINE_MILE_2 23744	77.48 -3.07 0.00	76.51 -3.07 0.00	75.87 -3.12 0.00	61.32 -2.55 -0.26	68.53 -2.77 0.00	60.50 -2.43 0.00	82.90 -3.23 -0.18	61.77 -2.42 -1.48	37.10 -1.54 0.00	47.78 -2.13 0.00	47.88 -2.17 0.00	60.47 -2.77 0.00	53.47 -2.47 0.00	51.17 -2.37 0.00	44.03 -1.98 0.00	33.03 -1.35 0.00	46.25 -1.79 0.00	66.81 -2.56 0.00	87.13 -3.36 0.00	72.31 -2.80 0.00	70.60 -2.78 0.00	139.48 -5.85 0.00	88.43 -3.85 0.00	112.70 -4.93 0.00
NM_CAPITAL__DRP 24208	83.69 3.14 0.00	82.96 3.38 0.00	82.43 3.44 0.00	72.06 2.99 -5.46	74.58 3.28 0.00	65.90 2.97 0.00	105.15 4.09 -15.12	156.29 2.86 -90.72	87.57 1.78 -47.15	63.51 2.29 -11.32	52.15 2.09 0.00	65.63 2.39 0.00	57.91 1.98 0.00	55.51 1.98 0.00	60.21 1.96 -12.25	158.63 1.45 -122.79	59.89 2.09 -9.77	72.23 2.94 0.08	93.94 3.46 0.00	77.91 2.81 0.00	76.20 2.82 0.00	151.02 5.70 0.00	95.83 3.55 0.00	122.18 4.55 0.00

NM_CENTRAL___DRP 24181	79.11 -1.44 0.00	78.12 -1.47 0.00	77.43 -1.56 0.00	62.66 -1.34 -0.39	69.99 -1.32 0.00	61.80 -1.13 0.00	84.87 -1.35 -0.27	64.66 -1.10 -3.06	38.53 -0.80 -0.69	48.85 -1.22 -0.16	48.81 -1.24 0.00	61.63 -1.61 0.00	54.49 -1.44 0.00	52.17 -1.36 0.00	45.09 -1.09 -0.18	35.48 -0.69 -1.79	47.47 -0.71 -0.14	68.45 -0.92 0.00	89.19 -1.30 0.00	74.00 -1.10 0.00	72.20 -1.18 0.00	142.56 -2.76 0.00	90.26 -2.02 0.00	114.94 -2.69 0.00
NM_FRONTIER___DRP 24179	73.68 -6.87 0.00	72.21 -7.37 0.00	70.89 -8.10 0.00	55.99 -6.68 0.94	63.36 -7.04 0.90	55.17 -6.19 1.57	71.79 -9.66 4.50	45.63 -7.45 9.63	34.73 -4.72 -0.81	43.20 -6.57 0.13	34.96 -6.88 8.22	36.12 -8.49 18.63	43.76 -7.48 4.69	34.15 -7.18 12.20	24.45 -6.01 15.54	18.40 -4.26 11.73	32.65 -5.72 9.66	45.38 -8.29 15.69	70.04 -10.34 10.11	50.80 -8.57 15.74	40.38 -8.73 24.27	78.08 -19.27 47.97	68.49 -11.98 11.82	82.05 -13.43 22.15
NM_ST_REGIS___HYD 24053	81.12 0.56 0.00	79.57 -0.01 0.00	78.90 -0.08 0.00	63.54 -0.07 0.00	70.95 -0.35 0.00	62.38 -0.55 0.00	83.89 -2.06 0.00	60.77 -1.93 0.00	37.53 -1.11 0.00	48.87 -1.04 0.00	49.47 -0.59 0.00	62.43 -0.80 0.00	55.78 -0.15 0.00	53.45 -0.08 0.00	45.39 -0.61 0.00	33.55 -0.83 0.00	46.62 -1.41 0.00	67.24 -2.12 0.00	88.74 -1.75 0.00	73.66 -1.44 0.00	71.76 -1.62 0.00	142.50 -2.83 0.00	91.48 -0.80 0.00	117.11 -0.52 0.00
NORTHPORT___1 23551	88.01 7.46 0.00	86.71 7.12 0.00	86.01 7.02 0.00	73.59 5.82 -4.15	77.54 6.24 0.00	68.92 5.99 0.00	100.21 7.61 -6.65	138.20 5.77 -69.72	78.83 3.33 -36.86	63.41 4.64 -8.87	55.04 4.99 0.00	124.37 6.62 -54.52	109.82 5.89 -48.00	123.97 5.63 -64.82	110.56 5.03 -59.53	155.54 3.88 -117.28	58.59 5.23 -5.32	42.00 8.13 35.49	119.75 9.07 -20.18	143.06 7.72 -60.23	80.49 7.07 -0.05	158.44 13.12 0.00	107.46 9.04 -6.14	128.78 11.15 0.00
NORTHPORT___2 23552	88.01 7.46 0.00	86.71 7.12 0.00	86.01 7.02 0.00	73.59 5.82 -4.15	77.54 6.24 0.00	68.92 5.99 0.00	100.21 7.61 -6.65	138.20 5.77 -69.72	78.83 3.33 -36.86	63.41 4.64 -8.87	55.04 4.99 0.00	124.37 6.62 -54.52	109.82 5.89 -48.00	123.97 5.63 -64.82	110.56 5.03 -59.53	155.54 3.88 -117.28	58.59 5.23 -5.32	42.00 8.13 35.49	119.75 9.07 -20.18	143.06 7.72 -60.23	80.49 7.07 -0.05	158.44 13.12 0.00	107.46 9.04 -6.14	128.78 11.15 0.00
NORTHPORT___3 23553	86.80 6.24 0.00	85.56 5.97 0.00	84.86 5.87 0.00	72.64 4.88 -4.15	76.54 5.23 0.00	68.09 5.16 0.00	99.35 6.76 -6.64	137.58 5.22 -69.66	78.54 3.04 -36.86	62.86 4.09 -8.87	54.47 4.42 0.00	123.60 5.85 -54.52	109.11 5.18 -48.00	126.27 4.91 -67.83	99.44 4.56 -48.88	155.12 3.46 -117.28	60.33 4.75 -7.55	102.07 6.73 -25.96	123.84 8.05 -25.30	140.96 6.82 -59.04	79.66 6.24 -0.05	156.99 11.67 0.00	106.18 7.76 -6.14	127.08 9.45 0.00
NORTHPORT___4 23650	86.80 6.24 0.00	85.56 5.97 0.00	84.86 5.87 0.00	72.64 4.88 -4.15	76.54 5.23 0.00	68.09 5.16 0.00	99.35 6.76 -6.64	137.58 5.22 -69.66	78.54 3.04 -36.86	62.86 4.09 -8.87	54.47 4.42 0.00	123.60 5.85 -54.52	109.11 5.18 -48.00	126.27 4.91 -67.83	99.44 4.56 -48.88	155.12 3.46 -117.28	60.33 4.75 -7.55	102.07 6.73 -25.96	123.84 8.05 -25.30	140.96 6.82 -59.04	79.66 6.24 -0.05	156.99 11.67 0.00	106.18 7.76 -6.14	127.08 9.45 0.00
NORTHPORT___IC 23718	88.02 7.47 0.00	86.71 7.12 0.00	86.01 7.02 0.00	73.59 5.83 -4.15	77.56 6.25 0.00	68.92 5.99 0.00	100.24 7.64 -6.65	138.25 5.83 -69.72	78.81 3.31 -36.86	63.41 4.64 -8.87	55.05 4.99 0.00	124.36 6.60 -54.52	109.82 5.89 -48.00	123.95 5.60 -64.82	110.54 5.01 -59.53	155.54 3.88 -117.28	58.59 5.23 -5.32	42.00 8.12 35.49	119.73 9.05 -20.18	143.06 7.72 -60.23	80.48 7.06 -0.05	158.47 13.14 0.00	107.45 9.03 -6.14	128.78 11.15 0.00
NORTH___COUNTRY_ESR 323785	80.22 -0.33 0.00	78.94 -0.64 0.00	78.31 -0.68 0.00	63.24 -0.37 0.00	70.18 -1.12 0.00	61.94 -0.99 0.00	83.34 -2.60 0.00	60.20 -2.50 0.00	37.32 -1.33 0.00	48.40 -1.50 0.00	48.80 -1.26 0.00	61.25 -1.99 0.00	55.29 -0.64 0.00	53.52 -0.01 0.00	45.25 -0.75 0.00	33.01 -1.37 0.00	46.25 -1.78 0.00	67.04 -2.33 0.00	89.23 -1.27 0.00	74.26 -0.84 0.00	71.93 -1.44 0.00	142.22 -3.10 0.00	91.28 -1.00 0.00	116.27 -1.36 0.00
NPX_GEN_1385_PROXY 323591	90.24 9.69 0.00	88.86 9.27 0.00	112.00 9.30 -23.72	75.42 7.66 -4.15	79.61 8.31 0.00	70.69 7.76 0.00	100.75 8.16 -6.65	138.21 5.79 -69.72	78.11 2.61 -36.86	62.88 4.11 -8.87	54.58 4.53 0.00	123.65 5.89 -54.52	109.05 5.12 -48.00	77.48 4.13 -19.82	59.49 3.76 -9.73	151.67 2.96 -114.33	57.39 4.04 -5.32	40.37 6.50 35.49	118.38 7.70 -20.18	142.31 6.97 -60.23	79.51 6.09 -0.05	156.13 10.81 0.00	107.97 9.55 -6.14	130.42 12.79 0.00
NPX_GEN_CSC 323557	89.19 8.64 0.00	87.81 8.22 0.00	87.03 8.04 0.00	74.41 6.65 -4.15	78.62 7.31 0.00	70.07 7.14 0.00	102.35 9.76 -6.65	139.82 7.43 -69.69	79.80 4.30 -36.86	64.24 5.47 -8.87	55.65 5.59 0.00	125.64 7.89 -54.52	111.37 7.43 -48.00	156.34 7.43 -95.38	206.47 6.58 -153.89	156.56 4.88 -117.30	79.94 6.49 -25.42	114.18 9.45 -35.35	127.18 10.59 -26.09	154.78 9.38 -70.29	82.07 8.64 -0.05	162.09 16.76 0.00	109.42 11.00 -6.14	131.30 13.66 0.00
NSINS_S___GLNS_FALLS 23858	85.50 4.95 0.00	84.80 5.21 0.00	83.93 4.94 0.00	73.29 4.08 -5.60	76.08 4.78 0.00	67.42 4.49 0.00	113.18 6.78 -20.46	160.50 4.84 -92.96	89.65 2.74 -48.27	64.83 3.34 -11.59	53.36 3.31 0.00	67.12 3.88 0.00	59.15 3.21 0.00	56.91 3.38 0.00	61.78 3.24 -12.54	162.58 2.47 -125.73	61.96 3.92 -10.01	74.93 5.63 0.08	97.67 7.18 0.00	80.88 5.78 0.00	78.95 5.57 0.00	155.91 10.59 0.00	98.64 6.36 0.00	125.33 7.69 0.00
NUCOR_STEEL___DRP 24197	80.56 0.01 0.00	79.20 -0.38 0.00	78.40 -0.59 0.00	64.19 -0.57 -1.16	71.22 -0.44 -0.36	63.22 -0.34 -0.63	88.33 -0.20 -2.59	71.63 -0.45 -9.38	39.32 -0.51 -1.19	49.42 -0.91 -0.42	51.03 -0.95 -1.92	67.43 -1.18 -5.37	56.71 -1.10 -1.88	56.23 -1.01 -3.71	51.24 -0.78 -6.02	42.77 -0.45 -8.84	49.60 -0.21 -1.78	70.66 -0.08 -1.37	93.42 -0.19 -3.12	78.18 -0.15 -3.24	77.65 -0.30 -4.57	156.50 -1.06 -12.23	94.97 -1.01 -3.70	125.05 -1.47 -8.89
NUMBER_THREE_WT_PWR 323818	81.93 1.38 0.00	79.29 -0.29 0.00	78.65 -0.33 0.00	62.54 -1.22 -0.15	70.33 -0.97 0.00	61.72 -1.21 0.00	84.12 -1.93 -0.11	62.21 -1.36 -0.87	37.79 -0.85 0.00	48.93 -0.98 0.00	49.40 -0.65 0.00	62.49 -0.75 0.00	55.38 -0.55 0.00	52.71 -0.82 0.00	45.13 -0.88 0.00	33.65 -0.73 0.00	47.06 -0.97 0.00	67.88 -1.50 0.00	88.91 -1.58 0.00	73.78 -1.32 0.00	72.07 -1.30 0.00	143.54 -1.79 0.00	90.45 -1.84 0.00	115.40 -2.24 0.00
NYISO_LBMP_REFERENCE 24008	80.55 0.00 0.00	79.59 0.00 0.00	78.99 0.00 0.00	63.61 0.00 0.00	71.30 0.00 0.00	62.93 0.00 0.00	85.94 0.00 0.00	62.70 0.00 0.00	38.64 0.00 0.00	49.90 0.00 0.00	50.05 0.00 0.00	63.24 0.00 0.00	55.93 0.00 0.00	53.53 0.00 0.00	46.00 0.00 0.00	34.38 0.00 0.00	48.03 0.00 0.00	69.37 0.00 0.00	90.49 0.00 0.00	75.10 0.00 0.00	73.38 0.00 0.00	145.32 0.00 0.00	92.28 0.00 0.00	117.63 0.00 0.00

NYPA_BRENTWD____GT 24164	88.60 8.05 0.00	87.27 7.68 0.00	86.53 7.54 0.00	74.01 6.25 -4.15	78.08 6.78 0.00	69.51 6.58 0.00	101.37 8.78 -6.65	138.92 6.51 -69.71	79.28 3.79 -36.86	63.82 5.04 -8.87	55.34 5.29 0.00	124.81 7.06 -54.52	110.29 6.36 -48.00	133.37 6.17 -73.67	128.95 5.56 -77.39	155.95 4.29 -117.29	66.61 5.96 -12.61	111.66 8.99 -33.29	126.74 10.33 -25.91	145.97 8.76 -62.11	81.48 8.06 -0.05	160.32 15.00 0.00	108.52 10.10 -6.14	130.23 12.60 0.00
NYPA_GOWANUS____GT5 24156	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
NYPA_GOWANUS____GT6 24157	84.96 4.83 0.42	83.09 4.67 1.16	82.05 4.56 1.49	64.71 3.85 2.75	73.38 4.08 2.00	67.26 4.33 0.00	89.65 6.01 2.30	128.43 5.08 -60.64	75.43 3.26 -33.54	62.62 4.32 -8.39	50.29 4.47 4.23	50.27 5.42 18.39	50.26 4.59 10.26	50.26 4.51 7.78	55.23 4.13 -5.10	134.48 3.25 -96.85	54.13 4.55 -1.54	66.93 6.48 8.92	93.64 7.67 4.51	77.07 6.35 4.39	74.28 6.04 5.14	150.08 12.21 7.44	94.32 7.35 5.31	126.53 8.90 0.00
NYPA_HARLEM__RVR__GT1 24160	85.46 4.90 0.00	84.43 4.84 0.00	83.72 4.74 0.00	71.72 3.96 -4.15	75.50 4.20 0.00	67.23 4.30 0.00	98.66 5.96 -6.75	138.13 5.07 -70.36	78.72 3.16 -36.92	62.89 4.12 -8.87	54.40 4.34 0.00	68.61 5.37 0.00	60.55 4.62 0.00	58.11 4.58 0.00	59.72 4.13 -9.59	135.42 3.21 -97.84	61.16 4.38 -8.75	77.23 6.36 -1.51	97.78 7.29 0.00	81.22 6.12 0.00	79.24 5.86 0.00	157.56 12.23 0.00	99.62 7.34 0.00	126.40 8.77 0.00
NYPA_HARLEM__RVR__GT2 24161	85.46 4.90 0.00	84.43 4.84 0.00	83.72 4.74 0.00	71.72 3.96 -4.15	75.50 4.20 0.00	67.23 4.30 0.00	98.66 5.96 -6.75	138.13 5.07 -70.36	78.72 3.16 -36.92	62.89 4.12 -8.87	54.40 4.34 0.00	68.61 5.37 0.00	60.55 4.62 0.00	58.11 4.58 0.00	59.72 4.13 -9.59	135.42 3.21 -97.84	61.16 4.38 -8.75	77.23 6.36 -1.51	97.78 7.29 0.00	81.22 6.12 0.00	79.24 5.86 0.00	157.56 12.23 0.00	99.62 7.34 0.00	126.40 8.77 0.00
NYPA_KENT____GT 24152	85.45 4.90 0.00	84.31 4.73 0.00	83.62 4.64 0.00	71.69 3.92 -4.15	75.48 4.18 0.00	67.28 4.36 0.00	98.75 6.05 -6.75	138.18 5.11 -70.36	78.82 3.26 -36.92	63.07 4.30 -8.87	54.54 4.48 0.00	68.70 5.46 0.00	60.57 4.63 0.00	58.09 4.56 0.00	59.75 4.15 -9.59	135.92 3.27 -98.27	61.85 4.57 -9.25	77.48 6.53 -1.58	98.18 7.69 0.00	81.47 6.37 0.00	79.44 6.06 0.00	157.64 12.32 0.00	99.70 7.42 0.00	126.59 8.96 0.00
NYPA_POUCH1____GT 24155	85.10 4.55 0.00	83.96 4.37 0.00	83.23 4.24 0.00	69.43 3.61 -2.21	72.94 3.75 2.12	67.09 4.16 0.00	94.17 5.65 -2.57	132.67 4.80 -65.17	78.68 3.12 -36.92	62.93 4.16 -8.87	54.35 4.30 0.00	68.39 5.15 0.00	60.25 4.31 0.00	57.78 4.25 0.00	59.49 3.90 -9.59	132.88 3.09 -95.41	57.69 4.32 -5.33	71.78 6.12 3.71	97.71 7.22 0.00	81.09 5.99 0.00	79.05 5.68 0.00	156.82 11.50 0.00	98.43 6.90 0.74	126.04 8.40 0.00
NYPA_VERNON____GT2 24162	85.52 4.97 0.00	84.36 4.78 0.00	83.68 4.69 0.00	71.71 3.95 -4.15	75.57 4.27 0.00	67.28 4.35 0.00	98.83 6.13 -6.75	138.25 5.19 -70.36	78.83 3.27 -36.92	63.09 4.32 -8.87	54.57 4.52 0.00	68.77 5.53 0.00	60.64 4.71 0.00	58.15 4.62 0.00	59.81 4.22 -9.59	135.81 3.29 -98.13	61.73 4.61 -9.09	77.54 6.61 -1.56	98.26 7.77 0.00	81.52 6.42 0.00	79.50 6.12 0.00	157.80 12.48 0.00	99.81 7.53 0.00	126.64 9.01 0.00
NYPA_VERNON____GT3 24163	85.52 4.97 0.00	84.36 4.78 0.00	83.68 4.69 0.00	71.71 3.95 -4.15	75.57 4.27 0.00	67.28 4.35 0.00	98.83 6.13 -6.75	138.25 5.19 -70.36	78.83 3.27 -36.92	63.09 4.32 -8.87	54.57 4.52 0.00	68.77 5.53 0.00	60.64 4.71 0.00	58.15 4.62 0.00	59.81 4.22 -9.59	135.81 3.29 -98.13	61.73 4.61 -9.09	77.54 6.61 -1.56	98.26 7.77 0.00	81.52 6.42 0.00	79.50 6.12 0.00	157.80 12.48 0.00	99.81 7.53 0.00	126.64 9.01 0.00
NYPA__ASTORIA_CC1 323568	85.40 4.85 0.00	84.21 4.63 0.00	83.56 4.58 0.00	71.63 3.88 -4.15	75.46 4.16 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.14 5.08 -70.36	78.77 3.22 -36.92	63.01 4.24 -8.87	54.51 4.45 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.73 4.14 -9.59	135.70 3.25 -98.07	61.57 4.52 -9.02	77.40 6.48 -1.55	98.08 7.59 0.00	81.40 6.30 0.00	79.38 6.01 0.00	157.64 12.32 0.00	99.71 7.43 0.00	126.50 8.87 0.00
NYPA__ASTORIA_CC2 323569	85.40 4.85 0.00	84.21 4.63 0.00	83.56 4.58 0.00	71.63 3.88 -4.15	75.46 4.16 0.00	67.15 4.23 0.00	98.67 5.97 -6.75	138.14 5.08 -70.36	78.77 3.22 -36.92	63.01 4.24 -8.87	54.51 4.45 0.00	68.68 5.44 0.00	60.56 4.63 0.00	58.08 4.55 0.00	59.73 4.14 -9.59	135.70 3.25 -98.07	61.57 4.52 -9.02	77.40 6.48 -1.55	98.08 7.59 0.00	81.40 6.30 0.00	79.38 6.01 0.00	157.64 12.32 0.00	99.71 7.43 0.00	126.50 8.87 0.00
NYPA__HOLTSVILL 23794	88.16 7.61 0.00	86.83 7.24 0.00	86.08 7.09 0.00	73.64 5.88 -4.15	77.72 6.42 0.00	69.19 6.26 0.00	100.99 8.40 -6.65	138.79 6.40 -69.69	79.24 3.74 -36.86	63.68 4.91 -8.87	55.20 5.14 0.00	124.84 7.08 -54.52	110.46 6.52 -48.00	156.59 6.37 -96.70	203.29 5.68 -151.62	156.01 4.33 -117.30	79.05 5.99 -25.03	113.92 8.91 -35.64	126.77 10.16 -26.12	153.88 8.74 -70.03	81.42 8.00 -0.05	160.12 14.80 0.00	108.39 9.97 -6.14	130.01 12.38 0.00
NYPA__HELLGATE_GT1 24158	85.46 4.90 0.00	84.43 4.84 0.00	83.72 4.74 0.00	71.72 3.96 -4.15	75.50 4.20 0.00	67.23 4.30 0.00	98.66 5.96 -6.75	138.13 5.07 -70.36	78.72 3.16 -36.92	62.89 4.12 -8.87	54.40 4.34 0.00	68.60 5.37 0.00	60.55 4.62 0.00	58.11 4.58 0.00	59.72 4.13 -9.59	135.42 3.21 -97.84	61.16 4.38 -8.75	77.24 6.36 -1.51	97.78 7.29 0.00	81.22 6.12 0.00	79.23 5.85 0.00	157.56 12.23 0.00	99.62 7.34 0.00	126.40 8.77 0.00
NYPA__HELLGATE_GT2 24159	85.46 4.90 0.00	84.43 4.84 0.00	83.72 4.74 0.00	71.72 3.96 -4.15	75.50 4.20 0.00	67.23 4.30 0.00	98.66 5.96 -6.75	138.13 5.07 -70.36	78.72 3.16 -36.92	62.89 4.12 -8.87	54.40 4.34 0.00	68.60 5.37 0.00	60.55 4.62 0.00	58.11 4.58 0.00	59.72 4.13 -9.59	135.42 3.21 -97.84	61.16 4.38 -8.75	77.24 6.36 -1.51	97.78 7.29 0.00	81.22 6.12 0.00	79.23 5.85 0.00	157.56 12.23 0.00	99.62 7.34 0.00	126.40 8.77 0.00
NYS_BARGE__HYD 23848	66.52 -5.76 8.26	70.51 -5.92 3.16	67.91 -6.64 4.44	54.27 -5.53 3.81	51.97 -5.82 13.51	45.07 -5.07 12.78	69.10 -8.02 8.82	34.14 -6.08 22.49	23.17 -3.81 11.66	44.13 -5.39 0.38	37.44 -5.54 7.08	38.91 -6.59 17.74	42.72 -5.93 7.29	33.67 -5.62 14.25	25.63 -4.77 15.61	18.74 -3.42 12.22	25.70 -4.34 17.99	39.12 -6.25 24.01	51.61 -7.91 30.97	36.54 -6.49 32.08	35.46 -6.63 31.29	80.66 -14.94 49.73	68.72 -9.56 14.00	82.37 -10.98 24.28

OAK ORCHARD___HYD 24046	72.35 -3.43 4.77	74.06 -3.71 1.83	72.31 -4.12 2.56	57.96 -3.42 2.22	59.83 -3.57 7.91	52.31 -3.05 7.57	75.16 -4.59 6.19	45.65 -3.42 13.63	30.46 -2.13 6.06	46.69 -3.01 0.20	43.94 -3.16 2.96	50.76 -3.90 8.57	48.02 -3.43 4.48	42.88 -3.32 7.32	33.92 -2.80 9.29	24.51 -2.00 7.87	38.33 -2.43 7.27	58.44 -3.48 7.44	68.76 -4.38 17.36	56.03 -3.65 15.43	56.88 -3.87 12.64	113.29 -8.94 23.10	78.68 -5.81 7.79	94.01 -7.00 16.62
OAKDALE___35_KV_LOAD 356122	81.07 0.52 0.00	80.24 0.65 0.00	79.48 0.49 0.00	65.27 0.25 -1.41	71.83 0.53 0.00	63.26 0.33 0.00	89.14 0.69 -2.51	75.05 -0.42 -12.76	41.27 -0.88 -3.50	49.45 -1.30 -0.84	49.57 -1.34 -0.84	62.89 -1.72 -1.37	54.37 -1.62 -0.06	52.80 -1.53 -0.79	46.13 -1.30 -1.43	42.71 -0.89 -9.23	48.72 -0.35 -1.03	69.69 0.19 -0.13	91.17 0.43 -0.25	76.85 0.56 -1.19	75.87 0.49 -2.00	148.87 0.83 -2.72	92.84 0.15 -0.40	117.54 -0.09 0.00
OCC_CHEM___DRP 24175	73.79 -6.76 0.00	72.32 -7.27 0.00	70.98 -8.00 0.00	56.07 -6.60 0.94	63.46 -6.94 0.90	55.26 -6.10 1.58	71.90 -9.56 4.49	45.92 -7.34 9.43	34.79 -4.66 -0.81	43.28 -6.49 0.13	35.04 -6.80 8.21	36.16 -8.38 18.70	43.85 -7.38 4.70	34.20 -7.09 12.24	24.47 -5.94 15.59	18.41 -4.22 11.76	32.69 -5.65 9.71	45.42 -8.18 15.77	70.14 -10.20 10.15	50.85 -8.45 15.80	40.41 -8.60 24.37	78.18 -18.99 48.15	68.59 -11.83 11.86	82.16 -13.26 22.21
OH_GEN_PROXY 24063	64.11 -6.01 10.44	69.30 -6.30 3.99	66.43 -6.95 5.60	53.25 -5.77 4.59	48.34 -6.11 16.86	41.73 -5.42 15.78	66.59 -8.55 10.80	23.62 -6.58 32.50	19.20 -4.12 15.33	43.64 -5.74 0.52	36.30 -6.06 7.70	38.13 -7.37 17.74	5.13 -6.51 44.29	-4.63 -6.27 51.88	24.61 -5.36 16.03	17.43 -3.90 13.04	22.66 -5.02 20.36	36.00 -7.22 26.15	44.65 -9.09 36.75	31.13 -7.55 36.43	32.50 -7.67 33.21	77.99 -16.62 50.71	67.11 -10.40 14.77	79.99 -12.16 25.48
OLIN_CORP_DRP 24177	73.44 -7.11 0.00	72.52 -7.06 0.00	71.20 -7.79 0.00	56.21 -6.43 0.97	63.50 -6.88 0.92	55.27 -6.04 1.61	71.94 -9.47 4.53	46.38 -7.26 9.05	34.90 -4.56 -0.82	43.44 -6.34 0.13	35.16 -6.58 8.32	36.24 -7.86 19.14	44.06 -7.06 4.82	34.39 -6.61 12.53	24.45 -5.64 15.91	18.39 -4.08 11.92	32.81 -5.38 9.84	45.61 -7.66 16.11	70.23 -9.86 10.40	50.90 -8.02 16.18	40.44 -8.04 24.90	78.42 -17.67 49.24	68.95 -11.17 12.15	81.99 -12.90 22.74
OLIN_CORP_DSASP 323712	64.44 -6.72 9.38	68.75 -7.25 3.59	65.95 -8.00 5.04	52.76 -6.59 4.26	49.13 -6.91 15.26	42.47 -6.08 14.38	66.20 -9.55 10.19	25.65 -7.32 29.73	20.46 -4.66 13.52	42.92 -6.50 0.48	35.09 -6.75 8.21	36.01 -8.34 18.89	40.64 -7.37 7.92	31.05 -7.11 15.37	23.49 -5.94 16.56	16.94 -4.25 13.20	22.36 -5.59 20.08	34.52 -8.15 26.70	45.87 -8.38 34.48	31.23 -8.57 35.49	30.63 -18.94 34.18	73.06 -11.84 53.32	65.43 -11.84 15.01	78.70 -13.28 25.64
ONEIDA_HERK_LFGE 323681	82.60 2.04 0.00	80.96 1.38 0.00	80.33 1.35 0.00	64.42 0.68 -0.13	72.29 0.99 0.00	63.73 0.80 0.00	87.23 1.19 -0.09	64.35 0.90 -0.74	39.16 0.52 0.00	50.57 0.67 0.00	50.83 0.78 0.00	64.20 0.97 0.00	56.80 0.87 0.00	54.28 0.75 0.00	46.63 0.63 0.00	34.82 0.45 0.00	48.79 0.76 0.00	70.41 1.04 0.00	91.93 1.44 0.00	76.25 1.15 0.00	74.46 1.08 0.00	147.56 2.24 0.00	93.20 0.92 0.00	118.70 1.07 0.00
ONEIDA___115KV_TB4 55905	82.86 2.31 0.00	81.87 2.28 0.00	81.15 2.17 0.00	65.47 1.61 -0.25	73.36 2.06 0.00	64.84 1.91 0.00	89.10 2.98 -0.18	66.22 2.10 -1.42	39.81 1.17 0.00	51.26 1.36 0.00	51.43 1.38 0.00	64.85 1.61 0.00	57.32 1.39 0.00	54.94 1.41 0.00	47.31 1.30 0.00	35.39 1.01 0.00	49.66 1.62 0.00	71.64 2.27 0.00	93.35 2.86 0.00	77.40 2.30 0.00	75.51 2.13 0.00	149.28 3.95 0.00	94.32 2.05 0.00	119.96 2.33 0.00
ONONDAGA_REF_OCCRA 23987	79.85 -0.70 0.00	78.87 -0.72 0.00	78.14 -0.84 0.00	63.76 -0.78 -0.93	70.85 -0.71 -0.26	62.81 -0.57 -0.45	87.34 -0.54 -1.93	69.59 -0.60 -7.49	39.10 -0.54 -1.00	49.35 -0.90 -0.34	50.56 -0.91 -1.42	66.01 -1.20 -3.97	56.23 -1.09 -1.38	55.27 -0.99 -2.74	49.68 -0.80 -4.47	40.75 -0.47 -6.83	49.06 -0.28 -1.30	70.11 -0.25 -0.99	92.31 -0.43 -2.24	77.07 -0.37 -2.34	76.22 -0.46 -3.30	152.82 -1.34 -8.83	93.78 -1.17 -2.67	122.41 -1.64 -6.42
ONONDAGA___COGEN 23986	79.69 -0.86 0.00	78.65 -0.94 0.00	77.94 -1.05 0.00	63.11 -0.95 -0.44	70.38 -0.92 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.08 -1.02 -0.19	49.03 -1.02 0.00	61.91 -1.33 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.31 -0.90 -0.21	35.95 -0.54 -2.12	47.79 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.67 -0.71 0.00	143.56 -1.76 0.00	90.85 -1.43 0.00	115.65 -1.98 0.00
ONTARIO___LFGE 23819	79.18 -1.37 0.00	78.37 -1.21 0.00	77.40 -1.59 0.00	60.56 -1.52 1.52	68.77 -1.31 1.23	59.70 -1.09 2.14	78.27 -1.17 6.50	50.61 -1.16 10.94	38.31 -1.01 -0.68	47.98 -1.65 0.27	44.41 -1.73 3.92	47.47 -2.11 13.66	48.10 -1.94 5.90	41.85 -1.85 9.82	27.67 -1.47 16.86	16.89 -0.92 16.57	46.41 -0.72 0.90	71.54 -0.99 -3.16	80.20 -1.31 8.98	67.58 -0.96 6.57	64.05 -1.22 8.10	110.28 -3.56 31.49	78.59 -2.62 11.06	83.98 -3.44 30.20
ORANGEVILLE_WT_PWR 323706	71.70 -4.58 4.27	73.31 -4.64 1.63	71.08 -5.62 2.30	55.45 -4.95 3.21	58.21 -5.13 7.96	49.96 -4.67 8.30	68.79 -7.18 9.98	28.03 -5.52 29.15	30.67 -3.63 4.34	44.17 -5.31 0.43	22.51 -5.68 21.86	12.28 -6.93 44.03	40.51 -6.21 9.22	18.63 -6.05 28.85	10.34 -5.12 30.54	10.00 -3.63 20.75	8.96 -4.46 34.61	3.80 -6.35 59.22	50.02 -8.17 32.31	16.68 -6.51 51.92	-6.41 -6.62 73.17	11.87 -14.19 119.26	56.84 -9.25 26.19	70.21 -11.01 36.41
ORANGEVILLE___ESR 323794	71.70 -4.58 4.27	73.31 -4.64 1.63	71.08 -5.62 2.30	55.45 -4.95 3.21	58.21 -5.13 7.96	49.96 -4.67 8.30	68.79 -7.18 9.98	28.03 -5.52 29.15	30.67 -3.63 4.34	44.17 -5.31 0.43	22.51 -5.68 21.86	12.28 -6.93 44.03	40.51 -6.21 9.22	18.63 -6.05 28.85	10.34 -5.12 30.54	10.00 -3.63 20.75	8.96 -4.46 34.61	3.80 -6.35 59.22	50.02 -8.17 32.31	16.68 -6.51 51.92	-6.41 -6.62 73.17	11.87 -14.19 119.26	56.84 -9.25 26.19	70.21 -11.01 36.41
OSWEGATCHIE___HYD 24044	80.86 0.31 0.00	78.81 -0.78 0.00	78.13 -0.85 0.00	62.59 -1.14 -0.11	70.14 -1.16 0.00	61.58 -1.35 0.00	83.36 -2.67 -0.08	61.20 -2.15 -0.64	37.31 -1.33 0.00	48.49 -1.41 0.00	49.08 -0.98 0.00	62.07 -1.17 0.00	55.18 -0.75 0.00	52.66 -0.86 0.00	44.97 -1.03 0.00	33.45 -0.93 0.00	46.55 -1.49 0.00	66.98 -2.39 0.00	87.91 -2.58 0.00	72.94 -2.17 0.00	71.20 -2.18 0.00	141.62 -3.71 0.00	90.13 -2.15 0.00	115.33 -2.31 0.00
OSWEGO___5 23606	78.23 -2.33 0.00	77.26 -2.32 0.00	76.58 -2.41 0.00	61.95 -1.99 -0.33	69.18 -2.12 0.00	61.07 -1.86 0.00	83.75 -2.42 -0.23	62.72 -1.86 -1.88	37.42 -1.22 0.00	48.17 -1.74 0.00	48.28 -1.78 0.00	60.95 -2.28 0.00	53.87 -2.06 0.00	51.57 -1.96 0.00	44.38 -1.63 0.00	33.27 -1.11 0.00	46.67 -1.37 0.00	67.48 -1.89 0.00	87.96 -2.53 0.00	73.01 -2.09 0.00	71.28 -2.10 0.00	140.84 -4.49 0.00	89.25 -3.03 0.00	113.73 -3.91 0.00

OSWEGO___6 23613	78.23 -2.33 0.00	77.26 -2.32 0.00	76.58 -2.41 0.00	61.95 -1.99 -0.33	69.18 -2.12 0.00	61.07 -1.86 0.00	83.75 -2.42 -0.23	62.72 -1.86 -1.88	37.42 -1.22 0.00	48.17 -1.74 0.00	48.28 -1.78 0.00	60.95 -2.28 0.00	53.87 -2.06 0.00	51.57 -1.96 0.00	44.38 -1.63 0.00	33.27 -1.11 0.00	46.67 -1.37 0.00	67.48 -1.89 0.00	87.96 -2.53 0.00	73.01 -2.09 0.00	71.28 -2.10 0.00	140.84 -4.49 0.00	89.25 -3.03 0.00	113.73 -3.91 0.00
OUTOKUMPU-AB___DRP 24206	75.84 -4.71 0.00	74.52 -5.06 0.00	73.13 -5.86 0.00	57.71 -4.91 0.99	65.28 -5.09 0.93	56.84 -4.46 1.63	74.29 -7.14 4.51	48.58 -5.49 8.64	35.96 -3.50 -0.82	44.81 -4.97 0.13	36.39 -5.24 8.42	37.39 -6.33 19.51	45.46 -5.60 4.87	35.40 -5.36 12.76	25.28 -4.53 16.19	19.03 -3.20 12.15	33.69 -4.13 10.21	46.81 -5.90 16.66	72.56 -7.36 10.57	52.47 -6.07 16.55	41.58 -6.25 25.55	80.87 -14.18 50.26	70.98 -8.97 12.33	84.63 -10.03 22.97
OXBOW___BTM 323836	65.65 -5.55 9.35	70.00 -6.01 3.58	67.17 -6.79 5.02	53.70 -5.64 4.27	50.19 -5.87 15.24	43.43 -5.13 14.37	67.59 -8.16 10.20	27.12 -6.26 29.32	21.21 -3.98 13.45	43.81 -5.61 0.48	35.86 -5.87 8.33	36.77 -7.17 19.30	41.57 -6.37 8.00	31.78 -6.13 15.62	24.02 -5.12 16.86	17.34 -3.65 13.39	23.04 -4.71 20.29	35.44 -6.83 27.10	47.39 -8.49 34.61	32.27 -7.02 35.81	31.42 -7.21 34.75	74.76 -16.19 54.38	66.83 -10.20 15.25	80.20 -11.42 26.02
OXBOW____ 24026	74.96 -5.59 0.00	73.57 -6.01 0.00	72.20 -6.78 0.00	57.01 -5.64 0.97	64.50 -5.89 0.92	56.18 -5.15 1.60	73.27 -8.17 4.51	47.34 -6.27 9.10	35.47 -3.99 -0.82	44.17 -5.61 0.13	35.82 -5.90 8.33	36.92 -7.21 19.11	44.78 -6.37 4.79	34.92 -6.10 12.51	24.98 -5.13 15.89	18.80 -3.63 11.95	33.30 -4.77 9.96	46.28 -6.87 16.22	71.59 -8.54 10.36	51.86 -7.06 16.18	41.18 -7.24 24.97	79.83 -16.27 49.22	69.97 -10.21 12.10	83.62 -11.42 22.60
OXY_CHEM_DSASP 323612	73.79 -6.76 0.00	72.32 -7.27 0.00	70.98 -8.00 0.00	56.07 -6.60 0.94	63.46 -6.94 0.90	55.26 -6.10 1.58	71.90 -9.56 4.49	45.92 -7.34 9.43	34.79 -4.66 -0.81	43.28 -6.49 0.13	35.04 -6.80 8.21	36.16 -8.38 18.70	43.85 -7.38 4.70	34.20 -7.09 12.24	24.47 -5.94 15.59	18.41 -4.22 11.76	32.69 -5.65 9.71	45.42 -8.18 15.77	70.14 -10.20 10.15	50.85 -8.45 15.80	40.41 -8.60 24.37	78.18 -18.99 48.15	68.59 -11.83 11.86	82.16 -13.26 22.21
OZONE_PARK_ESR 323760	86.31 5.77 0.00	85.11 5.53 0.00	84.38 5.39 0.00	72.25 4.49 -4.15	76.24 4.94 0.00	67.86 4.93 0.00	99.71 7.01 -6.75	138.85 5.78 -70.36	79.18 3.62 -36.92	63.51 4.74 -8.87	54.98 4.93 0.00	69.29 6.05 0.00	61.10 5.17 0.00	58.57 5.04 0.00	60.20 4.61 -9.59	135.75 3.61 -97.76	61.82 5.13 -8.66	78.19 7.33 -1.49	99.24 8.75 0.00	82.34 7.24 0.00	80.28 6.90 0.00	159.07 13.75 0.00	100.64 8.36 0.00	127.65 10.02 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	73.79 -6.76 0.00	72.32 -7.27 0.00	70.98 -8.00 0.00	56.07 -6.60 0.94	63.46 -6.94 0.90	55.26 -6.10 1.58	71.90 -9.56 4.49	45.92 -7.34 9.43	34.79 -4.66 -0.81	43.28 -6.49 0.13	35.04 -6.80 8.21	36.16 -8.38 18.70	43.85 -7.38 4.70	34.20 -7.09 12.24	24.47 -5.94 15.59	18.41 -4.22 11.76	32.69 -5.65 9.71	45.42 -8.18 15.77	70.14 -10.20 10.15	50.85 -8.45 15.80	40.41 -8.60 24.37	78.18 -18.99 48.15	68.59 -11.83 11.86	82.16 -13.26 22.21
PACKARD___115KV_DUPONT_184 80571	73.79 -6.76 0.00	72.32 -7.27 0.00	70.98 -8.00 0.00	56.07 -6.60 0.94	63.46 -6.94 0.90	55.26 -6.10 1.58	71.90 -9.56 4.49	45.92 -7.34 9.43	34.79 -4.66 -0.81	43.28 -6.49 0.13	35.04 -6.80 8.21	36.16 -8.38 18.70	43.85 -7.38 4.70	34.20 -7.09 12.24	24.47 -5.94 15.59	18.41 -4.22 11.76	32.69 -5.65 9.71	45.42 -8.18 15.77	70.14 -10.20 10.15	50.85 -8.45 15.80	40.41 -8.60 24.37	78.18 -18.99 48.15	68.59 -11.83 11.86	82.16 -13.26 22.21
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	85.34 4.79 0.00	84.29 4.71 0.00	83.62 4.64 0.00	71.64 3.88 -4.15	75.43 4.12 0.00	67.16 4.23 0.00	98.65 5.95 -6.75	138.20 5.14 -70.36	78.81 3.25 -36.92	63.05 4.28 -8.87	54.49 4.44 0.00	68.69 5.45 0.00	60.61 4.68 0.00	58.11 4.58 0.00	59.72 4.12 -9.59	135.51 3.29 -97.84	61.32 4.53 -8.75	77.42 6.54 -1.51	98.07 7.58 0.00	81.47 6.37 0.00	79.45 6.07 0.00	157.71 12.38 0.00	99.70 7.42 0.00	126.55 8.92 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	85.62 5.06 0.00	84.65 5.06 0.00	83.96 4.97 0.00	71.91 4.14 -4.15	75.78 4.48 0.00	67.53 4.60 0.00	99.28 6.58 -6.75	138.65 5.58 -70.36	79.04 3.48 -36.92	63.31 4.54 -8.87	54.71 4.66 0.00	68.98 5.74 0.00	60.87 4.94 0.00	58.40 4.87 0.00	59.95 4.36 -9.59	135.67 3.44 -97.84	61.51 4.73 -8.75	77.73 6.85 -1.51	98.39 7.90 0.00	81.73 6.62 0.00	79.72 6.34 0.00	158.33 13.00 0.00	100.13 7.85 0.00	127.04 9.41 0.00
PATROON___115KV_TB1 80586	83.72 3.16 0.00	83.02 3.43 0.00	82.48 3.49 0.00	72.14 3.05 -5.48	74.65 3.35 0.00	65.93 3.00 0.00	106.07 4.20 -15.93	156.81 2.93 -91.17	87.87 1.85 -47.37	63.66 2.38 -11.38	52.21 2.16 0.00	65.75 2.51 0.00	58.07 2.14 0.00	55.65 2.12 0.00	60.36 2.05 -12.31	159.30 1.54 -123.38	60.07 2.23 -9.81	72.42 3.14 0.09	94.19 3.70 0.00	78.12 3.02 0.00	76.39 3.01 0.00	151.39 6.06 0.00	96.00 3.72 0.00	122.30 4.66 0.00
PATTRSNVILLE___SOLAR 323815	83.97 3.42 0.00	83.08 3.49 0.00	82.49 3.50 0.00	72.20 2.84 -5.75	74.52 3.22 0.00	65.73 2.81 0.00	111.48 4.16 -21.37	161.26 3.16 -95.39	90.04 1.90 -49.50	64.02 2.23 -11.89	51.82 1.76 0.00	65.58 2.34 0.00	58.12 2.19 0.00	55.76 2.23 0.00	60.98 2.11 -12.86	164.93 1.63 -128.92	60.65 2.36 -10.26	72.71 3.43 0.09	94.78 4.29 0.00	78.66 3.55 0.00	76.81 3.43 0.00	152.01 6.68 0.00	96.33 4.05 0.00	122.68 5.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	79.03 -1.52 0.00	77.86 -1.73 0.00	76.48 -2.51 0.00	60.23 -2.24 1.15	68.15 -2.10 1.05	59.15 -1.93 1.85	77.02 -3.61 5.32	48.40 -3.01 11.30	37.58 -1.94 -0.88	46.77 -2.96 0.17	37.29 -3.32 9.44	37.83 -3.80 21.61	47.12 -3.32 5.50	36.19 -3.17 14.17	25.12 -2.71 18.16	18.53 -1.93 13.92	34.74 -2.28 11.02	48.42 -3.15 17.80	74.75 -3.99 11.75	53.68 -3.31 18.12	42.15 -3.35 27.87	82.11 -7.75 55.47	73.75 -4.78 13.75	86.25 -5.38 26.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	86.58 6.03 0.00	85.53 5.95 0.00	84.85 5.87 0.00	72.68 4.88 -4.19	76.74 5.43 0.00	68.17 5.24 0.00	100.49 7.67 -6.87	139.77 6.11 -70.96	79.57 3.70 -37.23	63.54 4.69 -8.94	54.86 4.81 0.00	69.19 5.95 0.00	60.97 5.04 0.00	58.44 4.92 0.00	60.22 4.55 -9.67	136.49 3.55 -98.56	61.88 5.13 -8.72	78.26 7.41 -1.48	99.47 8.98 0.00	82.51 7.40 0.00	80.40 7.02 0.00	159.19 13.87 0.00	100.63 8.35 0.00	127.63 10.00 0.00
PEEKSKILL____ 23653	85.15 4.60 0.00	84.11 4.52 0.00	83.44 4.45 0.00	71.43 3.72 -4.11	75.37 4.07 0.00	66.98 4.05 0.00	98.47 5.84 -6.69	137.16 4.76 -69.69	78.14 2.92 -36.58	62.45 3.77 -8.79	53.97 3.92 0.00	68.01 4.78 0.00	59.93 4.00 0.00	57.47 3.93 0.00	59.20 3.70 -9.50	134.12 2.89 -96.86	60.73 4.12 -8.57	76.74 5.90 -1.47	97.44 6.95 0.00	80.86 5.76 0.00	78.87 5.49 0.00	156.37 11.05 0.00	99.00 6.72 0.00	125.71 8.07 0.00

PGE MADISON___WINDPWR 24146	90.61 7.52 -2.54	87.90 7.35 -0.97	87.17 6.83 -1.36	73.69 5.19 -4.89	83.00 6.30 -5.39	74.59 5.56 -6.10	108.14 8.64 -13.56	113.64 5.83 -45.11	55.01 2.91 -13.46	56.05 3.74 -2.41	62.48 3.62 -8.80	91.08 4.21 -23.62	68.34 3.24 -9.17	73.91 2.93 -17.46	74.80 2.58 -26.22	78.99 1.98 -42.63	63.09 3.52 -11.54	85.36 5.30 -10.69	117.33 7.20 -19.65	101.55 5.94 -20.51	103.45 5.53 -24.54	212.41 10.74 -56.35	114.84 5.67 -16.89	162.10 6.34 -38.13
PIERCEFIELD___HYD 23852	80.82 0.27 0.00	79.25 -0.34 0.00	78.59 -0.40 0.00	63.21 -0.40 0.00	70.70 -0.61 0.00	62.06 -0.87 0.00	83.44 -2.50 0.00	60.46 -2.24 0.00	37.31 -1.33 0.00	48.62 -1.28 0.00	49.28 -0.77 0.00	62.30 -0.94 0.00	55.51 -0.43 0.00	53.08 -0.45 0.00	45.13 -0.87 0.00	33.47 -0.91 0.00	46.40 -1.64 0.00	66.82 -2.55 0.00	87.94 -2.55 0.00	72.97 -2.14 0.00	71.20 -2.18 0.00	141.63 -3.69 0.00	90.95 -1.33 0.00	116.64 -0.99 0.00
PINELAWN_CC_1 323563	87.64 7.09 0.00	86.34 6.75 0.00	85.63 6.65 0.00	73.28 5.52 -4.15	77.30 6.00 0.00	68.81 5.88 0.00	100.53 7.92 -6.66	138.44 6.12 -69.61	79.14 3.65 -36.85	63.55 4.78 -8.87	55.05 5.00 0.00	124.29 6.53 -54.52	109.74 5.81 -48.00	127.70 5.67 -68.50	114.59 5.14 -63.45	155.64 3.98 -117.28	63.75 5.59 -10.13	106.39 8.32 -28.70	125.66 9.64 -25.53	143.87 8.14 -60.63	80.94 7.52 -0.05	159.45 14.13 0.00	107.67 9.25 -6.14	128.84 11.21 0.00
PJM_GEN_HTP_PROXY 323702	85.51 4.96 0.00	84.40 4.82 0.00	83.68 4.70 0.00	71.72 3.96 -4.15	75.64 4.33 0.00	67.27 4.35 0.00	96.79 6.19 -4.66	138.15 5.10 -70.35	78.73 3.18 -36.91	62.94 4.17 -8.86	54.42 4.36 0.00	68.59 5.35 0.00	60.47 4.54 0.00	57.97 4.44 0.00	59.70 4.11 -9.59	135.32 3.19 -97.75	61.24 4.54 -8.66	77.33 6.47 -1.49	98.12 7.63 0.00	81.40 6.30 0.00	79.37 5.99 0.00	157.37 12.05 0.00	98.98 7.33 0.63	126.38 8.75 0.00
PJM_GEN_KEystone 24065	55.30 0.34 25.60	75.48 0.34 4.44	72.82 0.08 6.24	40.24 0.00 23.37	33.00 0.14 38.45	37.60 0.26 25.59	77.86 0.18 8.27	68.24 0.15 -5.39	39.21 -0.02 -0.59	53.88 -0.12 -4.10	46.46 0.00 3.59	53.96 0.01 9.28	46.14 -0.15 9.63	25.10 -0.11 28.33	18.45 0.06 27.61	58.56 0.08 -24.10	30.02 0.44 18.45	51.80 0.66 18.22	55.17 0.37 35.70	44.38 0.30 31.02	51.52 0.15 22.02	117.09 0.42 28.65	82.03 0.23 10.48	100.15 0.19 17.68
PJM_GEN_NEPTUNE_PROXY 323594	86.45 5.90 0.00	85.21 5.63 0.00	84.50 5.51 0.00	72.38 4.62 -4.15	76.29 4.99 0.00	67.87 4.95 0.00	97.14 6.66 -4.53	137.52 5.18 -69.65	78.61 3.11 -36.85	62.95 4.18 -8.87	54.49 4.43 0.00	123.50 5.75 -54.52	108.91 4.98 -48.00	116.66 4.81 -58.32	102.14 4.38 -51.75	155.06 3.40 -117.28	61.76 4.75 -8.98	102.33 7.00 -25.96	123.88 8.08 -25.30	141.90 6.83 -59.96	79.77 6.35 -0.05	157.37 12.04 0.00	104.40 7.85 -4.26	127.01 9.38 0.00
PJM_GEN_VFT_PROXY 323633	84.86 4.31 0.00	83.72 4.14 0.00	83.01 4.03 0.00	71.16 3.40 -4.15	75.00 3.71 0.01	66.79 3.86 0.00	96.06 5.45 -4.66	137.66 4.60 -70.36	78.47 2.91 -36.92	62.64 3.87 -8.87	54.13 4.07 0.00	68.16 4.92 0.00	54.13 4.13 5.93	54.37 4.09 3.25	58.05 3.77 -8.28	134.81 2.98 -97.46	60.07 4.20 -7.83	75.52 5.95 -0.20	97.44 6.96 0.00	80.87 5.77 0.00	78.88 5.50 0.00	156.41 11.08 0.00	98.31 6.67 0.63	120.39 7.91 5.15
PLATSBURG_115KV_PMLD1 355749	81.11 0.56 0.00	80.00 0.41 0.00	79.21 0.22 0.00	63.96 0.35 0.00	71.05 -0.25 0.00	62.70 -0.22 0.00	84.32 -1.62 0.00	60.74 -1.97 0.00	37.69 -0.95 0.00	48.82 -1.09 0.00	49.37 -0.69 0.00	61.94 -1.30 0.00	55.91 -0.02 0.00	54.18 0.64 0.00	45.83 -0.17 0.00	33.30 -1.08 0.00	46.80 -1.24 0.00	67.60 -1.77 0.00	89.98 -0.50 0.00	74.95 -0.15 0.00	72.62 -0.76 0.00	143.91 -1.42 0.00	92.23 -0.04 0.00	117.27 -0.36 0.00
PLEASANTVLY___LBMP 24000	85.09 4.54 0.00	84.12 4.53 0.00	83.47 4.48 0.00	71.72 3.77 -4.34	75.42 4.12 0.00	66.91 3.98 0.00	98.75 5.75 -7.06	140.73 4.63 -73.40	79.92 2.83 -38.45	62.78 3.65 -9.23	53.81 3.75 0.00	67.82 4.59 0.00	59.74 3.81 0.00	57.25 3.72 0.00	59.49 3.50 -9.99	139.01 2.75 -101.88	61.05 3.96 -9.06	76.65 5.67 -1.61	97.24 6.75 0.00	80.67 5.57 0.00	78.71 5.33 0.00	155.97 10.64 0.00	98.78 6.50 0.00	125.48 7.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	85.51 4.96 0.00	84.44 4.86 0.00	83.76 4.78 0.00	71.78 3.99 -4.18	75.70 4.40 0.00	67.24 4.31 0.00	98.94 6.20 -6.80	138.53 5.03 -70.80	78.87 3.09 -37.14	62.83 4.01 -8.92	54.20 4.15 0.00	68.33 5.09 0.00	60.22 4.29 0.00	57.72 4.19 0.00	59.55 3.90 -9.65	135.79 3.06 -98.36	61.11 4.36 -8.72	77.13 6.24 -1.51	97.91 7.42 0.00	81.24 6.14 0.00	79.22 5.85 0.00	157.03 11.71 0.00	99.38 7.10 0.00	126.16 8.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	85.51 4.96 0.00	84.44 4.86 0.00	83.76 4.78 0.00	71.78 3.99 -4.18	75.70 4.40 0.00	67.24 4.31 0.00	98.94 6.20 -6.80	138.53 5.03 -70.80	78.87 3.09 -37.14	62.83 4.01 -8.92	54.20 4.15 0.00	68.33 5.09 0.00	60.22 4.29 0.00	57.72 4.19 0.00	59.55 3.90 -9.65	135.79 3.06 -98.36	61.11 4.36 -8.72	77.13 6.24 -1.51	97.91 7.42 0.00	81.24 6.14 0.00	79.22 5.85 0.00	157.03 11.71 0.00	99.38 7.10 0.00	126.16 8.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	86.19 5.64 0.00	85.16 5.57 0.00	84.51 5.52 0.00	72.47 4.61 -4.25	76.42 5.12 0.00	67.81 4.88 0.00	100.20 7.17 -7.09	140.27 5.74 -71.83	79.79 3.48 -37.67	63.35 4.40 -9.05	54.48 4.43 0.00	68.76 5.52 0.00	60.59 4.67 0.00	58.03 4.50 0.00	59.99 4.20 -9.79	137.37 3.33 -99.66	61.64 4.83 -8.78	77.78 6.98 -1.44	98.96 8.47 0.00	82.06 6.96 0.00	80.00 6.63 0.00	158.38 13.05 0.00	100.15 7.87 0.00	127.06 9.43 0.00
POLETTI___ 23519	85.47 4.92 0.00	84.30 4.71 0.00	83.56 4.58 0.00	71.65 3.89 -4.15	75.55 4.25 0.00	67.22 4.30 0.00	98.69 6.00 -6.75	138.09 5.03 -70.36	78.72 3.16 -36.92	62.95 4.18 -8.87	54.43 4.37 0.00	68.55 5.31 0.00	60.48 4.55 0.00	57.96 4.43 0.00	59.63 4.03 -9.59	135.31 3.17 -97.76	61.19 4.49 -8.66	77.26 6.39 -1.49	97.98 7.49 0.00	81.31 6.21 0.00	79.28 5.90 0.00	157.25 11.92 0.00	99.60 7.32 0.00	126.38 8.74 0.00
POMONA___ESR 323819	84.99 4.44 0.00	83.98 4.39 0.00	83.31 4.33 0.00	71.20 3.59 -4.00	75.23 3.93 0.00	66.87 3.94 0.00	98.18 5.72 -6.51	135.36 4.68 -67.98	77.20 2.85 -35.71	62.15 3.67 -8.58	53.89 3.83 0.00	67.91 4.67 0.00	59.81 3.88 0.00	57.35 3.82 0.00	58.88 3.60 -9.28	131.72 2.82 -94.52	60.41 4.02 -8.35	76.51 5.74 -1.40	97.22 6.73 0.00	80.71 5.61 0.00	78.74 5.36 0.00	156.13 10.81 0.00	98.89 6.61 0.00	125.56 7.92 0.00
PORT_JEFF_3 23555	88.45 7.89 0.00	87.10 7.52 0.00	86.36 7.38 0.00	73.87 6.11 -4.15	77.96 6.66 0.00	69.43 6.50 0.00	101.37 8.78 -6.65	139.08 6.69 -69.69	79.40 3.90 -36.86	63.88 5.11 -8.87	55.37 5.32 0.00	125.03 7.28 -54.52	110.66 6.73 -48.00	154.71 6.56 -94.61	210.44 5.81 -158.63	156.04 4.36 -117.30	80.31 6.04 -26.23	113.55 9.00 -35.18	126.86 10.28 -26.08	154.76 8.84 -70.82	81.51 8.09 -0.05	160.28 14.96 0.00	108.48 10.07 -6.14	130.41 12.78 0.00

PORT_JEFF_4 23616	88.45 7.89 0.00	87.10 7.52 0.00	86.36 7.38 0.00	73.87 6.11 -4.15	77.96 6.66 0.00	69.43 6.50 0.00	101.37 8.78 -6.65	139.08 6.69 -69.69	79.40 3.90 -36.86	63.88 5.11 -8.87	55.37 5.32 0.00	125.03 7.28 -54.52	110.66 6.73 -48.00	154.71 6.56 -94.61	210.44 5.81 -158.63	156.04 4.36 -117.30	80.31 6.04 -26.23	113.55 9.00 -35.18	126.86 10.28 -26.08	154.76 8.84 -70.82	81.51 8.09 -0.05	160.28 14.96 0.00	108.48 10.07 -6.14	130.41 12.78 0.00
PORT_JEFF_IC 23713	88.53 7.97 0.00	87.16 7.57 0.00	86.40 7.41 0.00	73.90 6.13 -4.15	78.01 6.71 0.00	69.49 6.56 0.00	101.46 8.87 -6.65	139.19 6.80 -69.69	79.42 3.92 -36.86	63.93 5.16 -8.87	55.40 5.34 0.00	125.08 7.33 -54.52	110.73 6.80 -48.00	151.26 6.58 -91.15	223.46 5.77 -171.69	155.98 4.30 -117.30	82.46 5.94 -28.48	112.81 8.82 -34.62	126.59 10.06 -26.04	156.06 8.67 -72.28	81.38 7.95 -0.05	159.99 14.66 0.00	108.35 9.93 -6.14	130.52 12.88 0.00
PPL PILGRIM_ST_GT1 24216	88.60 8.05 0.00	87.27 7.68 0.00	86.53 7.54 0.00	74.01 6.25 -4.15	78.08 6.78 0.00	69.51 6.58 0.00	101.37 8.78 -6.65	138.92 6.51 -69.71	79.28 3.79 -36.86	63.82 5.04 -8.87	55.34 5.29 0.00	124.81 7.06 -54.52	110.29 6.36 -48.00	133.37 6.17 -73.67	128.95 5.56 -77.39	155.95 4.29 -117.29	66.61 5.96 -12.61	111.66 8.99 -33.29	126.74 10.33 -25.91	145.97 8.76 -62.11	81.48 8.06 -0.05	160.32 15.00 0.00	108.52 10.10 -6.14	130.23 12.60 0.00
PPL PILGRIM_ST_GT2 24217	88.60 8.05 0.00	87.27 7.68 0.00	86.53 7.54 0.00	74.01 6.25 -4.15	78.08 6.78 0.00	69.51 6.58 0.00	101.37 8.78 -6.65	138.92 6.51 -69.71	79.28 3.79 -36.86	63.82 5.04 -8.87	55.34 5.29 0.00	124.81 7.06 -54.52	110.29 6.36 -48.00	133.37 6.17 -73.67	128.95 5.56 -77.39	155.95 4.29 -117.29	66.61 5.96 -12.61	111.66 8.99 -33.29	126.74 10.33 -25.91	145.97 8.76 -62.11	81.48 8.06 -0.05	160.32 15.00 0.00	108.52 10.10 -6.14	130.23 12.60 0.00
PPL_SHRM_GT3 24213	89.17 8.62 0.00	87.77 8.18 0.00	87.01 8.02 0.00	74.39 6.63 -4.15	78.59 7.29 0.00	70.04 7.11 0.00	102.33 9.73 -6.65	139.79 7.40 -69.69	79.79 4.29 -36.86	64.23 5.46 -8.87	55.63 5.57 0.00	125.64 7.89 -54.52	111.36 7.43 -48.00	154.75 7.42 -93.80	210.92 6.59 -158.33	156.59 4.91 -117.30	80.79 6.57 -26.19	114.06 9.59 -35.10	127.35 10.78 -26.07	155.40 9.51 -70.79	82.19 8.77 -0.05	162.23 16.91 0.00	109.53 11.12 -6.14	131.41 13.78 0.00
PPL_SHRM_GT4 24214	89.17 8.62 0.00	87.77 8.18 0.00	87.01 8.02 0.00	74.39 6.63 -4.15	78.59 7.29 0.00	70.04 7.11 0.00	102.33 9.73 -6.65	139.79 7.40 -69.69	79.79 4.29 -36.86	64.23 5.46 -8.87	55.63 5.57 0.00	125.64 7.89 -54.52	111.36 7.43 -48.00	154.75 7.42 -93.80	210.92 6.59 -158.33	156.59 4.91 -117.30	80.79 6.57 -26.19	114.06 9.59 -35.10	127.35 10.78 -26.07	155.40 9.51 -70.79	82.19 8.77 -0.05	162.23 16.91 0.00	109.53 11.12 -6.14	131.41 13.78 0.00
PROJECT___ORANGE 1 24174	79.14 -1.41 0.00	78.16 -1.43 0.00	77.47 -1.51 0.00	62.71 -1.29 -0.39	70.01 -1.29 0.00	61.84 -1.08 0.00	84.93 -1.29 -0.27	64.73 -1.07 -3.10	38.55 -0.79 -0.70	48.86 -1.21 -0.17	48.83 -1.22 0.00	61.65 -1.59 0.00	54.49 -1.44 0.00	52.19 -1.34 0.00	45.11 -1.07 -0.18	35.51 -0.68 -1.82	47.50 -0.68 -0.15	68.51 -0.86 0.00	89.25 -1.23 0.00	74.06 -1.04 0.00	72.25 -1.12 0.00	142.69 -2.63 0.00	90.30 -1.98 0.00	115.04 -2.59 0.00
PROJECT___ORANGE 2 24166	79.14 -1.41 0.00	78.16 -1.43 0.00	77.47 -1.51 0.00	62.71 -1.29 -0.39	70.01 -1.29 0.00	61.84 -1.08 0.00	84.93 -1.29 -0.27	64.73 -1.07 -3.10	38.55 -0.79 -0.70	48.86 -1.21 -0.17	48.83 -1.22 0.00	61.65 -1.59 0.00	54.49 -1.44 0.00	52.19 -1.34 0.00	45.11 -1.07 -0.18	35.51 -0.68 -1.82	47.50 -0.68 -0.15	68.51 -0.86 0.00	89.25 -1.23 0.00	74.06 -1.04 0.00	72.25 -1.12 0.00	142.69 -2.63 0.00	90.30 -1.98 0.00	115.04 -2.59 0.00
PUCKETT___SOLAR 323809	86.10 2.16 -3.39	83.16 2.28 -1.30	82.85 2.04 -1.82	68.03 1.45 -2.97	78.59 1.91 -5.37	69.44 1.57 -4.94	94.34 2.51 -5.89	91.23 1.05 -27.48	52.48 0.07 -13.77	51.38 0.00 -1.48	51.99 -0.06 -2.00	67.72 -0.31 -4.79	58.72 -0.43 -3.23	58.05 -0.49 -5.01	51.56 -0.39 -5.95	51.49 -0.24 -17.35	52.39 0.49 -3.87	73.26 1.25 -2.64	100.86 1.82 -8.55	85.51 1.68 -8.74	80.70 1.49 -5.83	156.14 2.84 -7.98	96.57 1.30 -2.99	124.57 1.25 -5.68
PYRITES___HYD 24023	82.21 1.66 0.00	80.71 1.12 0.00	80.00 1.02 0.00	64.37 0.76 0.00	72.03 0.73 0.00	63.29 0.36 0.00	85.27 -0.67 0.00	61.88 -0.83 0.00	38.13 -0.51 0.00	49.64 -0.26 0.00	50.28 0.22 0.00	63.54 0.31 0.00	56.61 0.68 0.00	54.08 0.55 0.00	45.93 -0.07 0.00	34.13 -0.25 0.00	47.43 -0.61 0.00	68.41 -0.96 0.00	90.01 -0.48 0.00	74.64 -0.47 0.00	72.82 -0.56 0.00	144.54 -0.79 0.00	92.70 0.42 0.00	118.84 1.21 0.00
QUAKERRD_115KV_BK1 80622	76.02 -4.53 0.00	74.86 -4.73 0.00	73.95 -5.04 0.00	59.02 -4.16 0.43	66.37 -4.41 0.53	58.21 -3.79 0.93	77.62 -5.43 2.90	55.30 -4.05 3.35	36.80 -2.55 -0.71	46.38 -3.50 0.02	43.77 -3.65 2.64	51.32 -4.51 7.41	49.35 -3.99 2.59	44.59 -3.83 5.11	35.05 -3.26 7.69	26.01 -2.31 6.06	43.20 -2.96 1.87	63.37 -4.24 1.77	80.62 -5.40 4.47	65.82 -4.53 4.75	61.97 -4.70 6.70	116.98 -10.40 17.95	80.11 -6.74 5.42	96.32 -8.27 13.04
QUEENSBRY_115KV_TB8 356137	85.60 5.05 0.00	84.90 5.31 0.00	84.00 5.02 0.00	73.35 4.14 -5.60	76.16 4.86 0.00	67.53 4.60 0.00	113.46 6.99 -20.53	160.68 4.96 -93.02	89.73 2.79 -48.29	64.89 3.39 -11.60	53.47 3.41 0.00	67.20 3.96 0.00	59.19 3.26 0.00	57.02 3.48 0.00	61.88 3.33 -12.55	162.72 2.55 -125.80	62.12 4.06 -10.02	75.14 5.84 0.08	97.95 7.46 0.00	81.08 5.97 0.00	79.14 5.76 0.00	156.26 10.93 0.00	98.84 6.56 0.00	125.49 7.86 0.00
RAMAPO___LBMP 323565	84.70 4.15 0.00	83.67 4.09 0.00	83.03 4.04 0.00	70.96 3.36 -3.99	74.97 3.66 0.00	66.62 3.69 0.00	97.85 5.41 -6.49	134.90 4.43 -67.77	76.94 2.69 -35.60	61.91 3.45 -8.55	53.68 3.63 0.00	67.63 4.39 0.00	59.56 3.63 0.00	57.08 3.55 0.00	58.63 3.38 -9.25	131.30 2.68 -94.24	60.17 3.81 -8.32	76.19 5.42 -1.40	96.79 6.30 0.00	80.37 5.27 0.00	78.41 5.03 0.00	155.51 10.18 0.00	98.50 6.22 0.00	125.09 7.46 0.00
RANKINE____ 23646	76.99 -3.56 0.00	75.72 -3.86 0.00	74.30 -4.69 0.00	58.48 -4.00 1.13	66.14 -4.13 1.04	57.47 -3.65 1.82	74.76 -5.94 5.24	46.50 -4.69 11.51	36.50 -2.99 -0.85	45.39 -4.35 0.17	35.31 -4.74 10.01	35.18 -5.63 22.43	45.46 -5.00 5.47	34.11 -4.79 14.62	23.58 -4.09 18.33	17.69 -2.90 13.79	32.30 -3.64 12.10	44.30 -5.11 19.96	71.96 -6.47 12.06	50.48 -5.34 19.28	38.07 -5.44 29.87	75.20 -12.21 57.91	70.51 -7.74 14.03	83.20 -8.83 25.60
RAVENSWOOD_GT2_1 24244	85.52 4.97 0.00	84.38 4.80 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.31 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.70 4.10 -9.59	135.37 3.22 -97.77	61.26 4.56 -8.66	77.36 6.49 -1.49	98.14 7.65 0.00	81.41 6.31 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00



RAVENSWOOD_GT2_2 24245	85.52 4.97 0.00	84.38 4.80 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.31 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.70 4.10 -9.59	135.37 3.22 -97.77	61.26 4.56 -8.66	77.36 6.49 -1.49	98.14 7.65 0.00	81.41 6.31 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00
RAVENSWOOD_GT2_3 24246	85.55 5.00 0.00	84.41 4.82 0.00	83.69 4.71 0.00	71.73 3.97 -4.15	75.64 4.34 0.00	67.28 4.36 0.00	98.85 6.16 -6.75	138.18 5.11 -70.36	78.77 3.21 -36.92	62.99 4.23 -8.87	54.47 4.41 0.00	68.63 5.39 0.00	60.53 4.60 0.00	58.02 4.49 0.00	59.71 4.12 -9.59	135.37 3.23 -97.77	61.28 4.58 -8.66	77.39 6.53 -1.49	98.18 7.69 0.00	81.47 6.37 0.00	79.44 6.06 0.00	157.52 12.20 0.00	99.70 7.42 0.00	126.49 8.86 0.00
RAVENSWOOD_GT2_4 24247	85.55 5.00 0.00	84.41 4.82 0.00	83.69 4.71 0.00	71.73 3.97 -4.15	75.64 4.34 0.00	67.28 4.36 0.00	98.85 6.16 -6.75	138.18 5.11 -70.36	78.77 3.21 -36.92	62.99 4.23 -8.87	54.47 4.41 0.00	68.63 5.39 0.00	60.53 4.60 0.00	58.02 4.49 0.00	59.71 4.12 -9.59	135.37 3.23 -97.77	61.28 4.58 -8.66	77.39 6.53 -1.49	98.18 7.69 0.00	81.47 6.37 0.00	79.44 6.06 0.00	157.52 12.20 0.00	99.70 7.42 0.00	126.49 8.86 0.00
RAVENSWOOD_GT3_1 24248	85.52 4.97 0.00	84.38 4.80 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.31 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.50 4.56 0.00	57.99 4.46 0.00	59.70 4.10 -9.59	135.37 3.22 -97.77	61.26 4.56 -8.66	77.36 6.49 -1.49	98.14 7.65 0.00	81.41 6.31 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00
RAVENSWOOD_GT3_2 24249	85.52 4.97 0.00	84.38 4.80 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.31 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.50 4.56 0.00	57.99 4.46 0.00	59.70 4.10 -9.59	135.37 3.22 -97.77	61.26 4.56 -8.66	77.36 6.49 -1.49	98.14 7.65 0.00	81.41 6.31 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00
RAVENSWOOD_GT3_3 24250	85.64 5.09 0.00	84.49 4.90 0.00	83.77 4.78 0.00	71.78 4.02 -4.15	75.72 4.41 0.00	67.35 4.42 0.00	98.97 6.27 -6.75	138.26 5.19 -70.36	78.81 3.26 -36.92	63.04 4.28 -8.87	54.53 4.47 0.00	68.71 5.47 0.00	60.59 4.66 0.00	58.08 4.55 0.00	59.76 4.17 -9.59	135.42 3.28 -97.77	61.35 4.65 -8.66	77.48 6.61 -1.49	98.31 7.81 0.00	81.55 6.45 0.00	79.53 6.15 0.00	157.73 12.40 0.00	99.79 7.52 0.00	126.62 8.99 0.00
RAVENSWOOD_GT3_4 24251	85.64 5.09 0.00	84.49 4.90 0.00	83.77 4.78 0.00	71.78 4.02 -4.15	75.72 4.41 0.00	67.35 4.42 0.00	98.97 6.27 -6.75	138.26 5.19 -70.36	78.81 3.26 -36.92	63.04 4.28 -8.87	54.53 4.47 0.00	68.71 5.47 0.00	60.59 4.66 0.00	58.08 4.55 0.00	59.76 4.17 -9.59	135.42 3.28 -97.77	61.35 4.65 -8.66	77.48 6.61 -1.49	98.31 7.81 0.00	81.55 6.45 0.00	79.53 6.15 0.00	157.73 12.40 0.00	99.79 7.52 0.00	126.62 8.99 0.00
RAVENSWOOD_GT_1 23729	85.53 4.98 0.00	84.36 4.77 0.00	83.68 4.69 0.00	71.73 3.97 -4.15	75.58 4.28 0.00	67.28 4.35 0.00	98.83 6.14 -6.75	138.27 5.21 -70.36	78.84 3.28 -36.92	63.10 4.33 -8.87	54.57 4.51 0.00	68.73 5.49 0.00	60.63 4.70 0.00	58.14 4.61 0.00	59.78 4.19 -9.59	135.81 3.30 -98.13	61.74 4.62 -9.09	77.53 6.60 -1.56	98.23 7.75 0.00	81.54 6.44 0.00	79.50 6.12 0.00	157.80 12.47 0.00	99.82 7.54 0.00	126.62 8.99 0.00
RAVENSWOOD_GT_10 24258	85.52 4.97 0.00	84.40 4.81 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.32 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.20 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.69 4.10 -9.59	135.44 3.22 -97.84	61.35 4.56 -8.75	77.37 6.49 -1.51	98.14 7.65 0.00	81.42 6.32 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00
RAVENSWOOD_GT_11 24259	85.52 4.97 0.00	84.40 4.81 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.32 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.20 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.69 4.10 -9.59	135.44 3.22 -97.84	61.35 4.56 -8.75	77.37 6.49 -1.51	98.14 7.65 0.00	81.42 6.32 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00
RAVENSWOOD_GT_4 24252	85.56 5.01 0.00	84.42 4.83 0.00	83.70 4.72 0.00	71.73 3.97 -4.15	75.67 4.36 0.00	67.30 4.37 0.00	98.90 6.20 -6.75	138.17 5.11 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.45 4.39 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.70 4.11 -9.59	135.07 3.22 -97.47	60.93 4.57 -8.32	77.33 6.51 -1.44	98.17 7.68 0.00	81.46 6.36 0.00	79.43 6.05 0.00	157.46 12.14 0.00	99.67 7.39 0.00	126.49 8.86 0.00
RAVENSWOOD_GT_5 24254	85.56 5.01 0.00	84.42 4.83 0.00	83.70 4.72 0.00	71.73 3.97 -4.15	75.67 4.36 0.00	67.30 4.37 0.00	98.90 6.20 -6.75	138.17 5.11 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.45 4.39 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.70 4.11 -9.59	135.07 3.22 -97.47	60.93 4.57 -8.32	77.33 6.51 -1.44	98.17 7.68 0.00	81.46 6.36 0.00	79.43 6.05 0.00	157.46 12.14 0.00	99.67 7.39 0.00	126.49 8.86 0.00
RAVENSWOOD_GT_6 24253	85.56 5.01 0.00	84.42 4.83 0.00	83.70 4.72 0.00	71.73 3.97 -4.15	75.67 4.36 0.00	67.30 4.37 0.00	98.90 6.20 -6.75	138.17 5.11 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.45 4.39 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.70 4.11 -9.59	135.07 3.22 -97.47	60.93 4.57 -8.32	77.33 6.51 -1.44	98.17 7.68 0.00	81.46 6.36 0.00	79.43 6.05 0.00	157.46 12.14 0.00	99.67 7.39 0.00	126.49 8.86 0.00
RAVENSWOOD_GT_7 24255	85.56 5.01 0.00	84.42 4.83 0.00	83.70 4.72 0.00	71.73 3.97 -4.15	75.67 4.36 0.00	67.30 4.37 0.00	98.90 6.20 -6.75	138.17 5.11 -70.36	78.75 3.19 -36.92	62.97 4.21 -8.87	54.45 4.39 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.70 4.11 -9.59	135.07 3.22 -97.47	60.93 4.57 -8.32	77.33 6.51 -1.44	98.17 7.68 0.00	81.46 6.36 0.00	79.43 6.05 0.00	157.46 12.14 0.00	99.67 7.39 0.00	126.49 8.86 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	85.52 4.97 0.00	84.40 4.81 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.32 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.20 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.69 4.10 -9.59	135.44 3.22 -97.84	61.35 4.56 -8.75	77.37 6.49 -1.51	98.14 7.65 0.00	81.42 6.32 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00

RAVENSWOOD_GT_9 24257	85.52 4.97 0.00	84.40 4.81 0.00	83.68 4.69 0.00	71.71 3.94 -4.15	75.62 4.32 0.00	67.27 4.34 0.00	98.83 6.14 -6.75	138.16 5.09 -70.36	78.75 3.19 -36.92	62.97 4.20 -8.87	54.44 4.38 0.00	68.60 5.36 0.00	60.49 4.56 0.00	57.99 4.46 0.00	59.69 4.10 -9.59	135.44 3.22 -97.84	61.35 4.56 -8.75	77.37 6.49 -1.51	98.14 7.65 0.00	81.42 6.32 0.00	79.40 6.02 0.00	157.46 12.14 0.00	99.66 7.38 0.00	126.48 8.84 0.00
RAVENSWOOD____1 23533	85.39 4.84 0.00	84.23 4.64 0.00	83.55 4.57 0.00	71.62 3.86 -4.15	75.45 4.15 0.00	67.16 4.23 0.00	98.68 5.98 -6.75	138.14 5.08 -70.36	78.77 3.21 -36.92	63.00 4.23 -8.87	54.47 4.41 0.00	68.65 5.41 0.00	60.53 4.60 0.00	58.05 4.52 0.00	59.72 4.13 -9.59	135.84 3.23 -98.23	61.76 4.53 -9.20	77.42 6.47 -1.58	98.09 7.60 0.00	81.40 6.30 0.00	79.35 5.98 0.00	157.52 12.20 0.00	99.66 7.38 0.00	126.45 8.82 0.00
RAVENSWOOD____2 23534	85.39 4.84 0.00	84.23 4.64 0.00	83.55 4.57 0.00	71.62 3.86 -4.15	75.45 4.15 0.00	67.16 4.23 0.00	98.68 5.98 -6.75	138.14 5.08 -70.36	78.77 3.21 -36.92	63.00 4.23 -8.87	54.47 4.41 0.00	68.65 5.41 0.00	60.53 4.60 0.00	58.05 4.52 0.00	59.72 4.13 -9.59	135.84 3.23 -98.23	61.76 4.53 -9.20	77.42 6.47 -1.58	98.09 7.60 0.00	81.40 6.30 0.00	79.35 5.98 0.00	157.52 12.20 0.00	99.66 7.38 0.00	126.45 8.82 0.00
RAVENSWOOD____3 23535	85.51 4.96 0.00	84.40 4.81 0.00	83.68 4.69 0.00	71.70 3.94 -4.15	75.61 4.30 0.00	67.26 4.34 0.00	98.83 6.13 -6.75	138.15 5.08 -70.36	78.75 3.19 -36.92	62.97 4.20 -8.87	54.45 4.40 0.00	68.62 5.39 0.00	60.50 4.56 0.00	58.01 4.48 0.00	59.72 4.12 -9.59	135.36 3.21 -97.77	61.25 4.56 -8.66	77.37 6.50 -1.49	98.16 7.67 0.00	81.43 6.33 0.00	79.41 6.03 0.00	157.47 12.15 0.00	99.66 7.39 0.00	126.48 8.85 0.00
RAVENSWOOD____4 23820	85.39 4.84 0.00	84.23 4.64 0.00	83.55 4.57 0.00	71.62 3.86 -4.15	75.45 4.15 0.00	67.16 4.23 0.00	98.68 5.98 -6.75	138.14 5.08 -70.36	78.77 3.21 -36.92	63.00 4.23 -8.87	54.47 4.41 0.00	68.65 5.41 0.00	60.53 4.60 0.00	58.05 4.52 0.00	59.72 4.13 -9.59	135.84 3.23 -98.23	61.76 4.53 -9.20	77.42 6.47 -1.58	98.09 7.60 0.00	81.40 6.30 0.00	79.35 5.98 0.00	157.52 12.20 0.00	99.66 7.38 0.00	126.45 8.82 0.00
RCPL_TRUST____DRP 24196	85.61 5.06 0.00	84.49 4.90 0.00	83.77 4.78 0.00	71.80 4.04 -4.15	75.72 4.42 0.00	67.35 4.42 0.00	98.98 6.28 -6.75	138.23 5.18 -70.35	78.80 3.24 -36.91	63.03 4.27 -8.86	54.51 4.45 0.00	68.69 5.45 0.00	60.56 4.63 0.00	58.05 4.52 0.00	59.76 4.17 -9.59	135.44 3.26 -97.80	61.38 4.63 -8.71	77.47 6.60 -1.50	98.27 7.78 0.00	81.52 6.42 0.00	79.50 6.12 0.00	157.61 12.28 0.00	99.72 7.45 0.00	126.51 8.88 0.00
RED____ROCHESTER 323720	72.81 -2.95 4.79	74.52 -3.24 1.83	72.76 -3.66 2.57	58.34 -3.05 2.22	60.25 -3.13 7.92	52.70 -2.66 7.57	75.81 -3.97 6.16	45.76 -2.93 14.01	30.71 -1.84 6.10	47.10 -2.60 0.20	44.39 -2.73 2.94	51.42 -3.35 8.47	48.53 -2.95 4.45	43.41 -2.87 7.26	34.41 -2.41 9.18	24.91 -1.69 7.77	37.91 -1.99 8.12	57.06 -2.84 9.47	69.23 -3.51 17.74	55.53 -2.93 16.63	55.52 -3.21 14.65	111.95 -7.68 25.69	79.06 -5.07 8.14	95.08 -6.11 16.44
REGAN____SOLAR 323812	86.12 5.57 0.00	85.05 5.46 0.00	84.39 5.40 0.00	73.89 4.29 -5.99	76.19 4.89 0.00	67.27 4.34 0.00	112.95 6.52 -20.49	166.96 5.04 -99.22	93.10 3.00 -51.46	65.47 3.21 -12.36	52.17 2.12 0.00	66.38 3.14 0.00	59.22 3.29 0.00	56.98 3.44 0.00	62.56 3.19 -13.37	170.93 2.51 -134.04	62.40 3.68 -10.68	74.76 5.47 0.07	97.56 7.07 0.00	80.96 5.86 0.00	78.94 5.56 0.00	156.03 10.71 0.00	98.65 6.37 0.00	125.44 7.81 0.00
RENSSELAER____COGEN 23796	83.23 2.68 0.00	82.52 2.93 0.00	81.97 2.98 0.00	71.68 2.64 -5.43	74.20 2.90 0.00	65.51 2.58 0.00	103.68 3.54 -14.20	155.50 2.43 -90.37	87.16 1.55 -46.97	63.17 1.99 -11.28	51.84 1.78 0.00	65.26 2.03 0.00	57.60 1.67 0.00	55.20 1.68 0.00	59.87 1.67 -12.20	157.95 1.24 -122.33	59.56 1.80 -9.73	71.80 2.52 0.09	93.41 2.92 0.00	77.48 2.37 0.00	75.76 2.38 0.00	150.22 4.89 0.00	95.30 3.02 0.00	121.48 3.85 0.00
REPUBLIC_115KV_BARTNBRK 55605	89.80 9.25 0.00	89.44 9.85 0.00	88.33 9.34 0.00	76.66 7.45 -5.60	80.16 8.86 0.00	71.63 8.70 0.00	119.45 13.05 -20.45	164.44 8.77 -92.96	91.71 4.80 -48.27	67.00 5.51 -11.59	56.39 6.34 0.00	70.76 7.52 0.00	61.57 5.64 0.00	60.18 6.64 0.00	64.63 6.09 -12.54	164.87 4.77 -125.72	65.87 7.83 -10.01	80.16 10.86 0.08	104.57 14.08 0.00	86.35 11.25 0.00	84.26 10.88 0.00	166.57 21.24 0.00	105.10 12.82 0.00	131.96 14.32 0.00
REVERE_CPPR_DRP 24186	83.72 3.17 0.00	82.43 2.84 0.00	81.76 2.77 0.00	65.81 1.99 -0.21	73.78 2.47 0.00	65.19 2.26 0.00	89.56 3.47 -0.15	66.41 2.50 -1.21	40.09 1.45 0.00	51.69 1.79 0.00	51.87 1.82 0.00	65.42 2.18 0.00	57.86 1.93 0.00	55.44 1.91 0.00	47.71 1.71 0.00	35.65 1.27 0.00	50.05 2.02 0.00	72.25 2.88 0.00	94.20 3.71 0.00	78.13 3.03 0.00	76.16 2.79 0.00	150.70 5.38 0.00	95.09 2.81 0.00	120.95 3.31 0.00
REYNOLDS_115KV_TB3 80639	83.91 3.36 0.00	83.17 3.58 0.00	82.61 3.62 0.00	72.17 3.11 -5.44	74.72 3.42 0.00	66.04 3.11 0.00	105.27 4.33 -15.00	156.30 3.04 -90.56	87.55 1.84 -47.07	63.57 2.36 -11.30	52.26 2.21 0.00	65.72 2.49 0.00	57.97 2.04 0.00	55.57 2.04 0.00	60.25 2.02 -12.23	158.45 1.48 -122.59	59.95 2.15 -9.76	72.34 3.05 0.07	94.04 3.55 0.00	78.00 2.90 0.00	76.31 2.93 0.00	151.16 5.84 0.00	95.97 3.69 0.00	122.48 4.85 0.00
RIVERBAY____ 323610	85.62 5.06 0.00	84.65 5.06 0.00	83.96 4.97 0.00	71.91 4.14 -4.15	75.78 4.48 0.00	67.53 4.60 0.00	99.28 6.58 -6.75	138.65 5.58 -70.36	79.04 3.48 -36.92	63.31 4.54 -8.87	54.71 4.66 0.00	68.98 5.74 0.00	60.87 4.94 0.00	58.40 4.87 0.00	59.95 4.36 -9.59	135.67 3.44 -97.84	61.51 4.73 -8.75	77.73 6.85 -1.51	98.39 7.90 0.00	81.73 6.62 0.00	79.72 6.34 0.00	158.33 13.00 0.00	100.13 7.85 0.00	127.04 9.41 0.00
RIVERSDE_115KV_TB3 55908	83.69 3.14 0.00	82.96 3.38 0.00	82.43 3.44 0.00	72.06 2.99 -5.46	74.58 3.28 0.00	65.90 2.97 0.00	105.15 4.09 -15.12	156.29 2.86 -90.72	87.57 1.78 -47.15	63.51 2.29 -11.32	52.15 2.09 0.00	65.63 2.39 0.00	57.91 1.98 0.00	55.51 1.98 0.00	60.21 1.96 -12.25	158.63 1.45 -122.79	59.89 2.09 -9.77	72.23 2.94 0.08	93.94 3.46 0.00	77.91 2.81 0.00	76.20 2.82 0.00	151.02 5.70 0.00	95.83 3.55 0.00	122.18 4.55 0.00
ROARING____BROOK_WT_PWR 323790	79.99 -0.56 0.00	78.69 -0.89 0.00	77.71 -1.28 0.00	62.18 -1.43 0.00	69.67 -1.63 0.00	61.35 -1.58 0.00	83.58 -2.36 0.00	60.99 -1.71 0.00	37.65 -0.99 0.00	48.80 -1.10 0.00	49.04 -1.01 0.00	61.98 -1.26 0.00	54.84 -1.09 0.00	52.33 -1.20 0.00	44.70 -1.30 0.00	33.26 -1.12 0.00	46.38 -1.66 0.00	67.17 -2.20 0.00	87.89 -2.60 0.00	73.22 -1.89 0.00	71.72 -1.66 0.00	142.54 -2.78 0.00	90.48 -1.80 0.00	115.51 -2.12 0.00

ROCHESRG_115KV_T4 355643	76.80 -3.75 0.00	75.60 -3.99 0.00	74.62 -4.37 0.00	59.45 -3.64 0.52	66.90 -3.82 0.58	58.60 -3.30 1.02	77.80 -4.94 3.20	54.85 -3.71 4.14	37.02 -2.32 -0.70	46.63 -3.23 0.04	43.13 -3.41 3.52	49.83 -4.18 9.23	49.33 -3.69 2.91	43.71 -3.56 6.26	34.05 -3.02 8.93	25.25 -2.14 6.98	42.05 -2.72 3.26	61.18 -3.86 4.33	80.20 -4.87 5.42	64.33 -4.07 6.71	59.26 -4.25 9.86	112.54 -9.62 23.17	79.58 -6.21 6.49	95.77 -7.45 14.41
ROCHESTER_9_IC 23652	77.22 -3.33 0.00	76.00 -3.59 0.00	75.00 -3.99 0.00	59.75 -3.34 0.53	67.24 -3.47 0.60	58.94 -2.95 1.04	78.27 -4.42 3.25	55.28 -3.30 4.12	37.28 -2.06 -0.70	46.96 -2.90 0.04	44.05 -3.07 2.94	51.10 -3.76 8.37	49.70 -3.30 2.92	44.56 -3.19 5.77	34.59 -2.70 8.72	25.38 -1.91 7.09	42.69 -2.36 2.98	62.01 -3.34 4.02	80.88 -4.17 5.44	65.01 -3.50 6.59	60.00 -3.74 9.64	113.63 -8.64 23.05	80.12 -5.63 6.53	96.18 -6.77 14.69
ROCKVIEW_13_KV_LD 356306	85.88 5.33 0.00	84.79 5.21 0.00	84.08 5.09 0.00	72.01 4.25 -4.15	75.99 4.69 0.00	67.55 4.62 0.00	99.30 6.60 -6.75	138.41 5.34 -70.36	78.82 3.26 -36.92	62.99 4.22 -8.87	54.47 4.41 0.00	68.68 5.44 0.00	60.53 4.60 0.00	58.03 4.50 0.00	59.75 4.16 -9.59	135.43 3.24 -97.81	61.39 4.64 -8.71	77.50 6.63 -1.50	98.39 7.90 0.00	81.61 6.51 0.00	79.59 6.21 0.00	157.75 12.43 0.00	99.84 7.56 0.00	126.71 9.07 0.00
ROME____115KV_TB2 80656	83.72 3.17 0.00	82.43 2.84 0.00	81.76 2.77 0.00	65.81 1.99 -0.21	73.78 2.47 0.00	65.19 2.26 0.00	89.56 3.47 -0.15	66.41 2.50 -1.21	40.09 1.45 0.00	51.69 1.79 0.00	51.87 1.82 0.00	65.42 2.18 0.00	57.86 1.93 0.00	55.44 1.91 0.00	47.71 1.71 0.00	35.65 1.27 0.00	50.05 2.02 0.00	72.25 2.88 0.00	94.20 3.71 0.00	78.13 3.03 0.00	76.16 2.79 0.00	150.70 5.38 0.00	95.09 2.81 0.00	120.95 3.31 0.00
ROSETON___1 23587	84.92 4.37 0.00	83.95 4.36 0.00	83.29 4.31 0.00	71.32 3.60 -4.11	75.26 3.96 0.00	66.79 3.86 0.00	98.21 5.59 -6.68	136.87 4.52 -69.65	77.97 2.77 -36.57	62.25 3.57 -8.78	53.74 3.68 0.00	67.75 4.51 0.00	59.68 3.75 0.00	57.20 3.67 0.00	58.97 3.46 -9.50	133.91 2.71 -96.82	60.48 3.88 -8.57	76.39 5.55 -1.47	97.05 6.56 0.00	80.54 5.44 0.00	78.59 5.21 0.00	155.74 10.41 0.00	98.63 6.35 0.00	125.28 7.64 0.00
ROSETON___2 23588	84.92 4.37 0.00	83.95 4.36 0.00	83.29 4.31 0.00	71.32 3.60 -4.11	75.26 3.96 0.00	66.79 3.86 0.00	98.21 5.59 -6.68	136.87 4.52 -69.65	77.97 2.77 -36.57	62.25 3.57 -8.78	53.74 3.68 0.00	67.75 4.51 0.00	59.68 3.75 0.00	57.20 3.67 0.00	58.97 3.46 -9.50	133.91 2.71 -96.82	60.48 3.88 -8.57	76.39 5.55 -1.47	97.05 6.56 0.00	80.54 5.44 0.00	78.59 5.21 0.00	155.74 10.41 0.00	98.63 6.35 0.00	125.28 7.64 0.00
ROTRRDAM_115KV_TB3 80664	83.37 2.82 0.00	82.58 2.99 0.00	82.00 3.01 0.00	71.75 2.48 -5.66	74.10 2.80 0.00	65.38 2.45 0.00	111.25 3.60 -21.71	159.32 2.69 -93.92	89.01 1.62 -48.75	63.62 2.01 -11.71	51.94 1.88 0.00	65.52 2.28 0.00	57.91 1.98 0.00	55.51 1.98 0.00	60.56 1.89 -12.67	162.77 1.43 -126.96	60.19 2.07 -10.09	72.24 2.97 0.10	94.11 3.63 0.00	78.11 3.00 0.00	76.31 2.94 0.00	150.97 5.64 0.00	95.76 3.48 0.00	122.00 4.37 0.00
RUSSELL___1 23602	77.59 -2.96 0.00	76.35 -3.24 0.00	75.33 -3.66 0.00	60.03 -3.05 0.53	67.56 -3.15 0.60	59.22 -2.67 1.04	78.72 -3.97 3.25	55.63 -2.95 4.12	37.49 -1.85 -0.70	47.27 -2.59 0.04	44.37 -2.75 2.94	51.49 -3.37 8.37	50.04 -2.96 2.92	44.90 -2.86 5.77	34.87 -2.41 8.72	25.60 -1.69 7.09	43.02 -2.03 2.98	62.49 -2.86 4.02	81.53 -3.52 5.44	65.55 -2.96 6.59	60.51 -3.23 9.64	114.50 -7.77 23.06	80.68 -5.06 6.53	96.83 -6.11 14.69
RUSSELL___2 23532	77.59 -2.96 0.00	76.35 -3.24 0.00	75.33 -3.66 0.00	60.03 -3.05 0.53	67.56 -3.15 0.60	59.22 -2.67 1.04	78.72 -3.97 3.25	55.63 -2.95 4.12	37.49 -1.85 -0.70	47.27 -2.59 0.04	44.37 -2.75 2.94	51.49 -3.37 8.37	50.04 -2.96 2.92	44.90 -2.86 5.77	34.87 -2.41 8.72	25.60 -1.69 7.09	43.02 -2.03 2.98	62.49 -2.86 4.02	81.53 -3.52 5.44	65.55 -2.96 6.59	60.51 -3.23 9.64	114.50 -7.77 23.06	80.68 -5.06 6.53	96.83 -6.11 14.69
RUSSELL___3 23549	77.59 -2.96 0.00	76.35 -3.24 0.00	75.33 -3.66 0.00	60.03 -3.05 0.53	67.56 -3.15 0.60	59.22 -2.67 1.04	78.72 -3.97 3.25	55.63 -2.95 4.12	37.49 -1.85 -0.70	47.27 -2.59 0.04	44.37 -2.75 2.94	51.49 -3.37 8.37	50.04 -2.96 2.92	44.90 -2.86 5.77	34.87 -2.41 8.72	25.60 -1.69 7.09	43.02 -2.03 2.98	62.49 -2.86 4.02	81.53 -3.52 5.44	65.55 -2.96 6.59	60.51 -3.23 9.64	114.50 -7.77 23.06	80.68 -5.06 6.53	96.83 -6.11 14.69
RUSSELL___4 23556	77.59 -2.96 0.00	76.35 -3.24 0.00	75.33 -3.66 0.00	60.03 -3.05 0.53	67.56 -3.15 0.60	59.22 -2.67 1.04	78.72 -3.97 3.25	55.63 -2.95 4.12	37.49 -1.85 -0.70	47.27 -2.59 0.04	44.37 -2.75 2.94	51.49 -3.37 8.37	50.04 -2.96 2.92	44.90 -2.86 5.77	34.87 -2.41 8.72	25.60 -1.69 7.09	43.02 -2.03 2.98	62.49 -2.86 4.02	81.53 -3.52 5.44	65.55 -2.96 6.59	60.51 -3.23 9.64	114.50 -7.77 23.06	80.68 -5.06 6.53	96.83 -6.11 14.69
RUSSELL___STATION 23914	77.59 -2.96 0.00	76.35 -3.24 0.00	75.33 -3.66 0.00	60.03 -3.05 0.53	67.56 -3.15 0.60	59.22 -2.67 1.04	78.72 -3.97 3.25	55.63 -2.95 4.12	37.49 -1.85 -0.70	47.27 -2.59 0.04	44.37 -2.75 2.94	51.49 -3.37 8.37	50.04 -2.96 2.92	44.90 -2.86 5.77	34.87 -2.41 8.72	25.60 -1.69 7.09	43.02 -2.03 2.98	62.49 -2.86 4.02	81.53 -3.52 5.44	65.55 -2.96 6.59	60.51 -3.23 9.64	114.50 -7.77 23.06	80.68 -5.06 6.53	96.83 -6.11 14.69
S SALMON___HYD 24043	79.28 -1.27 0.00	77.62 -1.96 0.00	77.00 -1.99 0.00	62.03 -1.89 -0.31	69.37 -1.93 0.00	61.20 -1.73 0.00	83.84 -2.33 -0.22	62.86 -1.62 -1.78	37.59 -1.05 0.00	48.45 -1.45 0.00	48.65 -1.41 0.00	61.38 -1.86 0.00	54.29 -1.65 0.00	51.87 -1.66 0.00	44.61 -1.39 0.00	33.43 -0.95 0.00	46.87 -1.16 0.00	67.67 -1.70 0.00	88.34 -2.15 0.00	73.28 -1.82 0.00	71.63 -1.75 0.00	141.79 -3.54 0.00	89.53 -2.75 0.00	113.97 -3.66 0.00
S.PERRY__115KV_TB1 80734	77.17 -3.38 0.00	75.88 -3.71 0.00	74.71 -4.28 0.00	57.98 -3.75 1.88	65.17 -4.63 1.50	55.48 -4.83 2.62	70.61 -7.37 7.96	50.84 -5.03 6.83	36.31 -3.11 -0.77	45.13 -4.42 0.35	52.41 -4.96 -7.31	59.54 -6.60 -2.90	44.34 -5.19 6.41	47.54 -5.34 0.65	28.31 -4.41 13.28	11.66 -3.10 19.62	63.98 -4.11 -20.06	108.69 -6.16 -45.48	80.68 -7.14 2.67	88.22 -3.81 -16.92	101.25 -4.09 -31.96	154.19 -9.49 -18.36	80.76 -6.46 5.06	72.85 -7.89 36.90
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	75.68 -4.87 0.00	74.42 -5.17 0.00	73.05 -5.93 0.00	57.58 -4.99 1.04	65.09 -5.24 0.97	56.62 -4.62 1.70	73.67 -7.34 4.93	45.84 -5.70 11.16	35.87 -3.60 -0.83	44.66 -5.09 0.15	35.06 -5.47 9.52	35.52 -6.60 21.12	44.97 -5.84 5.12	34.17 -5.60 13.76	24.03 -4.78 17.20	18.09 -3.42 12.86	32.14 -4.40 11.49	44.11 -6.26 19.00	71.29 -7.86 11.34	50.36 -6.51 18.23	38.47 -6.63 28.27	76.06 -14.64 54.62	69.88 -9.22 13.18	83.08 -10.62 23.94

SAWYER___23_KV_LOAD 55526	75.68 -4.87 0.00	74.42 -5.17 0.00	73.05 -5.93 0.00	57.58 -4.99 1.04	65.09 -5.24 0.97	56.62 -4.62 1.70	73.67 -7.34 4.93	45.84 -5.70 11.16	35.87 -3.60 -0.83	44.66 -5.09 0.15	35.06 -5.47 9.52	35.52 -6.60 21.12	44.97 -5.84 5.12	34.17 -5.60 13.76	24.03 -4.78 17.20	18.09 -3.42 12.86	32.14 -4.40 11.49	44.11 -6.26 19.00	71.29 -7.86 11.34	50.36 -6.51 18.23	38.47 -6.63 28.27	76.06 -14.64 54.62	69.88 -9.22 13.18	83.08 -10.62 23.94
SELKIRK___I 23801	83.54 2.99 0.00	82.85 3.26 0.00	82.37 3.38 0.00	71.83 2.89 -5.34	74.50 3.19 0.00	65.68 2.75 0.00	101.98 3.78 -12.26	154.19 2.61 -88.88	86.45 1.59 -46.22	63.03 2.03 -11.10	51.86 1.80 0.00	65.36 2.12 0.00	57.73 1.80 0.00	55.34 1.81 0.00	59.76 1.75 -12.01	156.11 1.30 -120.42	59.50 1.87 -9.60	71.96 2.64 0.05	93.64 3.16 0.00	77.72 2.62 0.00	76.00 2.62 0.00	150.66 5.33 0.00	95.57 3.29 0.00	121.93 4.30 0.00
SELKIRK___II 23799	83.22 2.67 0.00	82.49 2.91 0.00	81.99 3.01 0.00	71.62 2.61 -5.40	74.14 2.84 0.00	65.41 2.48 0.00	102.11 3.44 -12.72	155.11 2.45 -89.95	86.94 1.54 -46.77	63.10 1.97 -11.23	51.88 1.83 0.00	65.37 2.13 0.00	57.71 1.78 0.00	55.29 1.75 0.00	59.86 1.71 -12.15	157.42 1.28 -121.76	59.53 1.83 -9.67	71.83 2.58 0.12	93.51 3.02 0.00	77.58 2.48 0.00	75.87 2.49 0.00	150.34 5.01 0.00	95.38 3.10 0.00	121.58 3.95 0.00
SENECA OSWGO___HYD 24041	78.18 -2.37 0.00	77.19 -2.40 0.00	76.51 -2.48 0.00	61.92 -2.05 -0.35	69.15 -2.15 0.00	61.08 -1.85 0.00	83.87 -2.32 -0.25	63.78 -1.72 -2.79	38.13 -1.13 -0.62	48.41 -1.64 -0.15	48.38 -1.68 0.00	61.06 -2.18 0.00	53.93 -2.00 0.00	51.64 -1.89 0.00	44.60 -1.57 -0.16	34.96 -1.04 -1.62	46.93 -1.23 -0.13	67.67 -1.70 0.00	88.17 -2.32 0.00	73.16 -1.94 0.00	71.41 -1.96 0.00	141.01 -4.31 0.00	89.27 -3.01 0.00	113.68 -3.96 0.00
SENECA___115KV_TB3 355854	77.13 -3.42 0.00	75.87 -3.72 0.00	74.42 -4.57 0.00	58.58 -3.90 1.13	66.23 -4.03 1.04	57.56 -3.55 1.82	74.93 -5.78 5.24	46.62 -4.57 11.51	36.57 -2.92 -0.85	45.49 -4.25 0.17	35.41 -4.64 10.01	35.30 -5.50 22.43	45.57 -4.89 5.47	34.23 -4.68 14.62	23.67 -4.00 18.33	17.75 -2.83 13.79	32.40 -3.54 12.10	44.44 -4.97 19.96	72.14 -6.29 12.06	50.63 -5.19 19.28	38.21 -5.30 29.87	75.47 -11.94 57.91	70.69 -7.56 14.03	83.39 -8.64 25.60
SENECA___ENERGY 23797	79.26 -1.29 0.00	78.24 -1.34 0.00	77.36 -1.63 0.00	62.29 -1.48 -0.16	69.70 -1.37 0.22	61.39 -1.14 0.39	84.20 -1.28 0.46	63.45 -1.20 -1.94	38.67 -0.96 -0.99	48.52 -1.55 -0.16	48.47 -1.61 -0.02	60.03 -1.99 1.23	53.14 -1.81 0.97	50.75 -1.73 1.04	42.36 -1.38 2.27	32.94 -0.88 0.55	48.32 -0.86 -1.15	70.90 -1.18 -2.70	87.70 -1.58 1.21	73.88 -1.24 -0.02	72.53 -1.42 -0.57	138.62 -3.72 2.98	87.97 -2.69 1.61	108.52 -3.57 5.54
SHOEMAKER___GT 23640	84.55 4.00 0.00	83.56 3.97 0.00	82.93 3.94 0.00	70.68 3.28 -3.79	74.92 3.62 0.00	66.44 3.51 0.00	97.23 5.11 -6.18	131.53 4.17 -64.66	75.20 2.55 -34.01	61.25 3.18 -8.17	53.34 3.29 0.00	67.28 4.04 0.00	59.32 3.39 0.00	56.90 3.36 0.00	58.01 3.18 -8.84	126.85 2.50 -89.98	59.49 3.53 -7.92	75.68 5.03 -1.28	96.47 5.98 0.00	80.05 4.95 0.00	78.13 4.75 0.00	154.75 9.42 0.00	98.01 5.73 0.00	124.47 6.84 0.00
SHOEMAKR_138KV_BK 111 55601	84.47 3.92 0.00	83.49 3.91 0.00	82.86 3.87 0.00	70.61 3.23 -3.77	74.87 3.56 0.00	66.39 3.46 0.00	97.15 5.06 -6.14	131.09 4.12 -64.27	74.98 2.52 -33.82	61.19 3.17 -8.12	53.34 3.28 0.00	67.25 4.01 0.00	59.30 3.37 0.00	56.85 3.32 0.00	57.92 3.14 -8.79	126.30 2.47 -89.45	59.41 3.50 -7.87	75.61 4.97 -1.26	96.38 5.89 0.00	79.99 4.88 0.00	78.05 4.68 0.00	154.63 9.31 0.00	97.92 5.64 0.00	124.39 6.75 0.00
SHOREHAM_IC_1 23715	89.17 8.62 0.00	87.77 8.18 0.00	87.01 8.02 0.00	74.39 6.63 -4.15	78.59 7.29 0.00	70.04 7.11 0.00	102.33 9.73 -6.65	139.79 7.40 -69.69	79.79 4.29 -36.86	64.23 5.46 -8.87	55.63 5.57 0.00	125.64 7.89 -54.52	111.36 7.43 -48.00	154.75 7.42 -93.80	210.92 6.59 -158.33	156.59 4.91 -117.30	80.79 6.57 -26.19	114.06 9.59 -35.10	127.35 10.78 -26.07	155.40 9.51 -70.79	82.19 8.77 -0.05	162.23 16.91 0.00	109.53 11.12 -6.14	131.41 13.78 0.00
SHOREHAM_IC_2 23716	89.17 8.62 0.00	87.77 8.18 0.00	87.01 8.02 0.00	74.39 6.63 -4.15	78.59 7.29 0.00	70.04 7.11 0.00	102.33 9.73 -6.65	139.79 7.40 -69.69	79.79 4.29 -36.86	64.23 5.46 -8.87	55.63 5.57 0.00	125.64 7.89 -54.52	111.36 7.43 -48.00	154.75 7.42 -93.80	210.92 6.59 -158.33	156.59 4.91 -117.30	80.79 6.57 -26.19	114.06 9.59 -35.10	127.35 10.78 -26.07	155.40 9.51 -70.79	82.19 8.77 -0.05	162.23 16.91 0.00	109.53 11.12 -6.14	131.41 13.78 0.00
SISSONVILLE____ 23735	80.82 0.27 0.00	79.25 -0.34 0.00	78.59 -0.40 0.00	63.21 -0.40 0.00	70.70 -0.61 0.00	62.06 -0.87 0.00	83.44 -2.50 0.00	60.46 -2.24 0.00	37.31 -1.33 0.00	48.62 -1.28 0.00	49.28 -0.77 0.00	62.30 -0.94 0.00	55.51 -0.43 0.00	53.08 -0.45 0.00	45.13 -0.87 0.00	33.47 -0.91 0.00	46.40 -1.64 0.00	66.82 -2.55 0.00	87.94 -2.55 0.00	72.97 -2.14 0.00	71.20 -2.18 0.00	141.63 -3.69 0.00	90.95 -1.33 0.00	116.64 -0.99 0.00
SITHE_IND_GS1 24169	77.40 -3.15 0.00	76.44 -3.15 0.00	75.79 -3.20 0.00	61.26 -2.61 -0.26	68.47 -2.83 0.00	60.44 -2.49 0.00	82.82 -3.31 -0.19	61.72 -2.48 -1.50	37.07 -1.57 0.00	47.73 -2.17 0.00	47.83 -2.23 0.00	60.41 -2.83 0.00	53.41 -2.52 0.00	51.11 -2.42 0.00	43.98 -2.02 0.00	33.00 -1.38 0.00	46.21 -1.82 0.00	66.74 -2.63 0.00	87.04 -3.45 0.00	72.23 -2.87 0.00	70.52 -2.86 0.00	139.33 -5.99 0.00	88.35 -3.94 0.00	112.59 -5.04 0.00
SITHE_IND_GS2 24170	77.40 -3.15 0.00	76.44 -3.15 0.00	75.79 -3.20 0.00	61.26 -2.61 -0.26	68.47 -2.83 0.00	60.44 -2.49 0.00	82.82 -3.31 -0.19	61.72 -2.48 -1.50	37.07 -1.57 0.00	47.73 -2.17 0.00	47.83 -2.23 0.00	60.41 -2.83 0.00	53.41 -2.52 0.00	51.11 -2.42 0.00	43.98 -2.02 0.00	33.00 -1.38 0.00	46.21 -1.82 0.00	66.74 -2.63 0.00	87.04 -3.45 0.00	72.23 -2.87 0.00	70.52 -2.86 0.00	139.33 -5.99 0.00	88.35 -3.94 0.00	112.59 -5.04 0.00
SITHE_IND_GS3 24171	77.40 -3.15 0.00	76.44 -3.15 0.00	75.79 -3.20 0.00	61.26 -2.61 -0.26	68.47 -2.83 0.00	60.44 -2.49 0.00	82.82 -3.31 -0.19	61.72 -2.48 -1.50	37.07 -1.57 0.00	47.73 -2.17 0.00	47.83 -2.23 0.00	60.41 -2.83 0.00	53.41 -2.52 0.00	51.11 -2.42 0.00	43.98 -2.02 0.00	33.00 -1.38 0.00	46.21 -1.82 0.00	66.74 -2.63 0.00	87.04 -3.45 0.00	72.23 -2.87 0.00	70.52 -2.86 0.00	139.33 -5.99 0.00	88.35 -3.94 0.00	112.59 -5.04 0.00
SITHE_IND_GS4 24172	77.40 -3.15 0.00	76.44 -3.15 0.00	75.79 -3.20 0.00	61.26 -2.61 -0.26	68.47 -2.83 0.00	60.44 -2.49 0.00	82.82 -3.31 -0.19	61.72 -2.48 -1.50	37.07 -1.57 0.00	47.73 -2.17 0.00	47.83 -2.23 0.00	60.41 -2.83 0.00	53.41 -2.52 0.00	51.11 -2.42 0.00	43.98 -2.02 0.00	33.00 -1.38 0.00	46.21 -1.82 0.00	66.74 -2.63 0.00	87.04 -3.45 0.00	72.23 -2.87 0.00	70.52 -2.86 0.00	139.33 -5.99 0.00	88.35 -3.94 0.00	112.59 -5.04 0.00

SITHE___BATAVIA 24024	70.78 -2.68 7.08	73.92 -2.96 2.71	71.55 -3.63 3.81	57.26 -3.08 3.28	56.64 -3.04 11.62	49.42 -2.49 11.02	74.18 -3.99 7.77	40.14 -2.96 19.60	26.98 -1.89 9.77	46.74 -2.84 0.32	41.23 -2.98 5.85	44.77 -3.56 14.90	46.37 -3.21 6.35	38.44 -3.03 12.06	29.92 -2.51 13.57	21.87 -1.75 10.76	31.42 -1.93 14.69	47.60 -2.72 19.05	60.68 -3.30 26.51	45.46 -2.80 26.85	44.65 -3.08 25.65	95.58 -8.11 41.63	74.83 -5.42 12.04	89.78 -6.16 21.69
SITHE___INDEPEND 23800	77.41 -3.14 0.00	76.43 -3.15 0.00	75.79 -3.20 0.00	61.26 -2.61 -0.26	68.47 -2.84 0.00	60.44 -2.49 0.00	82.82 -3.31 -0.19	61.72 -2.48 -1.50	37.08 -1.56 0.00	47.73 -2.17 0.00	47.83 -2.22 0.00	60.40 -2.83 0.00	53.40 -2.53 0.00	51.12 -2.41 0.00	43.99 -2.01 0.00	33.01 -1.37 0.00	46.21 -1.83 0.00	66.74 -2.63 0.00	87.04 -3.45 0.00	72.23 -2.87 0.00	70.52 -2.86 0.00	139.34 -5.98 0.00	88.35 -3.93 0.00	112.58 -5.05 0.00
SITHE___MASSENA 23902	80.76 0.20 0.00	79.44 -0.15 0.00	78.79 -0.20 0.00	63.46 -0.14 0.00	70.95 -0.35 0.00	62.56 -0.37 0.00	84.78 -1.16 0.00	61.59 -1.11 0.00	37.99 -0.64 0.00	49.33 -0.57 0.00	49.64 -0.42 0.00	62.80 -0.43 0.00	55.86 -0.07 0.00	53.41 -0.12 0.00	45.51 -0.49 0.00	33.82 -0.56 0.00	47.11 -0.93 0.00	68.05 -1.33 0.00	89.39 -1.10 0.00	74.19 -0.92 0.00	72.43 -0.95 0.00	143.64 -1.68 0.00	91.78 -0.50 0.00	117.38 -0.26 0.00
SITHE___OGDNSBRG 24021	82.05 1.50 0.00	80.59 1.00 0.00	79.89 0.90 0.00	64.31 0.70 0.00	71.96 0.66 0.00	63.36 0.43 0.00	85.61 -0.33 0.00	62.16 -0.54 0.00	38.30 -0.33 0.00	49.81 -0.09 0.00	50.32 0.26 0.00	63.61 0.37 0.00	56.62 0.68 0.00	54.11 0.58 0.00	45.96 -0.04 0.00	34.17 -0.21 0.00	47.60 -0.43 0.00	68.73 -0.64 0.00	90.38 -0.11 0.00	74.95 -0.15 0.00	73.14 -0.24 0.00	145.08 -0.25 0.00	92.86 0.58 0.00	118.92 1.29 0.00
SITHE___STERLING 23777	82.87 2.32 0.00	81.87 2.28 0.00	81.15 2.16 0.00	65.47 1.61 -0.25	73.37 2.07 0.00	64.85 1.92 0.00	89.10 2.98 -0.18	66.22 2.10 -1.42	39.81 1.17 0.00	51.26 1.36 0.00	51.43 1.37 0.00	64.86 1.62 0.00	57.32 1.39 0.00	54.94 1.41 0.00	47.29 1.29 0.00	35.38 1.00 0.00	49.66 1.62 0.00	71.64 2.27 0.00	93.35 2.87 0.00	77.40 2.30 0.00	75.51 2.13 0.00	149.28 3.95 0.00	94.32 2.04 0.00	119.96 2.33 0.00
SLEIGHT__34_KV_TB1 80719	78.11 -2.44 0.00	76.90 -2.68 0.00	75.99 -3.00 0.00	61.02 -2.52 0.07	68.42 -2.56 0.33	60.28 -2.07 0.58	81.38 -2.90 1.67	59.99 -2.21 0.50	37.99 -1.47 -0.82	47.85 -2.13 -0.08	46.19 -2.24 1.62	55.94 -2.75 4.55	51.91 -2.43 1.59	48.06 -2.34 3.14	39.43 -1.95 4.62	30.32 -1.33 2.73	45.46 -1.52 1.05	66.23 -2.08 1.07	85.03 -2.69 2.77	69.85 -2.29 2.96	66.67 -2.53 4.18	128.10 -6.03 11.19	84.79 -4.11 3.38	104.38 -5.12 8.13
SOUTH CAIRO___GT 23612	87.23 6.68 0.00	86.48 6.90 0.00	85.92 6.93 0.00	74.53 5.81 -5.11	77.94 6.64 0.00	68.76 5.83 0.00	105.90 8.23 -11.73	153.94 5.89 -85.35	86.65 3.55 -44.45	65.06 4.48 -10.68	54.10 4.04 0.00	67.95 4.72 0.00	60.34 4.41 0.00	57.89 4.36 0.00	61.47 3.92 -11.55	153.36 2.90 -116.08	61.89 4.45 -9.40	76.11 6.53 -0.21	98.67 8.19 0.00	81.69 6.59 0.00	79.69 6.31 0.00	157.51 12.18 0.00	99.57 7.29 0.00	126.72 9.09 0.00
SOUTH HAMPTN___IC 23720	90.51 9.96 0.00	89.08 9.49 0.00	88.30 9.31 0.00	75.47 7.70 -4.15	79.84 8.54 0.00	71.23 8.30 0.00	103.96 11.36 -6.65	141.00 8.60 -69.69	80.49 4.99 -36.86	64.81 6.04 -8.87	56.14 6.09 0.00	126.06 8.31 -54.52	111.79 7.85 -48.00	156.68 7.95 -95.20	206.99 7.06 -153.93	156.97 5.29 -117.30	80.68 7.22 -25.43	115.19 10.49 -35.33	128.33 11.75 -26.09	155.35 9.95 -70.30	81.90 8.47 -0.05	161.41 16.08 0.00	108.94 10.52 -6.14	130.73 13.10 0.00
SOUTHDOW_115KV_TB1 355954	79.34 -1.21 0.00	78.22 -1.37 0.00	76.79 -2.20 0.00	60.25 -2.02 1.34	68.16 -1.96 1.19	59.26 -1.60 2.07	77.62 -2.27 6.06	48.37 -2.18 12.16	37.96 -1.58 -0.89	54.64 -2.44 -7.17	61.75 -2.67 -14.35	60.23 -3.09 -0.09	50.13 -3.56 2.25	35.77 -3.51 14.25	23.61 -3.03 19.36	16.49 -2.08 15.80	36.02 -2.70 9.31	51.63 -3.87 13.87	73.61 -4.90 11.99	54.35 -4.09 16.66	44.22 -4.05 25.11	84.13 -7.28 53.92	76.59 -4.42 11.27	84.56 -3.85 29.22
SOUTHOLD_69_KV_BK 2 55809	91.60 11.05 0.00	90.16 10.57 0.00	89.38 10.39 0.00	76.35 8.59 -4.15	80.86 9.55 0.00	72.15 9.22 0.00	105.35 12.75 -6.65	142.06 9.66 -69.69	81.06 5.57 -36.86	65.62 6.85 -8.87	56.92 6.87 0.00	125.89 8.14 -54.52	112.11 8.17 -48.00	157.46 8.77 -95.16	207.79 7.81 -153.98	157.58 5.90 -117.30	81.67 8.20 -25.44	116.14 11.44 -35.33	128.16 11.57 -26.09	154.65 9.25 -70.30	79.91 6.48 -0.05	157.31 11.98 0.00	106.18 7.76 -6.14	127.87 10.24 0.00
SOUTHOLD___IC 23719	91.59 11.04 0.00	90.16 10.57 0.00	89.38 10.39 0.00	76.35 8.59 -4.15	80.85 9.54 0.00	72.15 9.22 0.00	105.32 12.72 -6.65	142.00 9.61 -69.69	81.08 5.58 -36.86	65.61 6.84 -8.87	56.93 6.87 0.00	125.91 8.15 -54.52	112.11 8.17 -48.00	157.47 8.78 -95.16	207.81 7.83 -153.98	157.58 5.90 -117.30	81.67 8.20 -25.44	116.14 11.44 -35.33	128.17 11.58 -26.09	154.65 9.25 -70.30	79.91 6.49 -0.05	157.29 11.96 0.00	106.20 7.79 -6.14	127.87 10.24 0.00
SOUTH_FORK_WT_PWR 323839	91.89 11.33 0.00	90.46 10.88 0.00	89.67 10.68 0.00	76.59 8.82 -4.15	81.13 9.82 0.00	72.41 9.48 0.00	105.70 13.11 -6.65	142.27 9.87 -69.69	81.23 5.74 -36.86	65.74 6.97 -8.87	57.03 6.98 0.00	126.55 8.79 -54.52	112.43 8.49 -48.00	157.59 8.88 -95.18	207.89 7.94 -153.95	157.66 5.98 -117.30	81.77 8.31 -25.43	116.51 11.81 -35.33	129.28 12.69 -26.09	155.19 9.79 -70.30	79.55 6.12 -0.05	156.53 11.21 0.00	105.71 7.29 -6.14	126.89 9.25 0.00
SPIERFLS_115KV_TB 1 80737	84.99 4.44 0.00	84.30 4.72 0.00	83.43 4.44 0.00	72.89 3.68 -5.61	75.59 4.29 0.00	66.97 4.04 0.00	112.70 6.18 -20.58	160.18 4.42 -93.06	89.46 2.50 -48.32	64.54 3.03 -11.60	53.05 3.00 0.00	66.71 3.48 0.00	58.83 2.90 0.00	56.60 3.07 0.00	61.50 2.94 -12.55	162.48 2.24 -125.85	61.61 3.55 -10.02	74.42 5.13 0.08	97.00 6.51 0.00	80.33 5.23 0.00	78.42 5.04 0.00	154.87 9.55 0.00	98.02 5.74 0.00	124.57 6.94 0.00
ST LAWRENCE____ 23600	79.81 -0.74 0.00	78.60 -0.99 0.00	77.95 -1.03 0.00	62.79 -0.82 0.00	70.22 -1.09 0.00	61.94 -0.99 0.00	84.10 -1.85 0.00	61.15 -1.55 0.00	37.73 -0.91 0.00	48.93 -0.97 0.00	49.19 -0.86 0.00	62.22 -1.01 0.00	55.32 -0.61 0.00	52.92 -0.61 0.00	45.12 -0.88 0.00	33.53 -0.85 0.00	46.75 -1.28 0.00	67.58 -1.79 0.00	88.75 -1.74 0.00	73.66 -1.44 0.00	71.91 -1.47 0.00	142.57 -2.75 0.00	91.00 -1.28 0.00	116.28 -1.35 0.00
STATE_CA_115KV_115_LB 55624	83.73 3.18 0.00	83.02 3.43 0.00	82.48 3.50 0.00	72.15 3.05 -5.49	74.65 3.35 0.00	65.94 3.01 0.00	106.20 4.20 -16.06	156.86 2.93 -91.23	87.90 1.86 -47.40	63.67 2.38 -11.38	52.21 2.16 0.00	65.76 2.53 0.00	58.07 2.14 0.00	55.66 2.13 0.00	60.38 2.06 -12.31	159.38 1.54 -123.45	60.08 2.23 -9.82	72.42 3.14 0.09	94.22 3.73 0.00	78.13 3.02 0.00	76.39 3.02 0.00	151.40 6.08 0.00	96.00 3.72 0.00	122.30 4.67 0.00

STATE_ST_34_KV_LOAD 55959	80.56 0.01 0.00	79.26 -0.32 0.00	78.45 -0.53 0.00	64.15 -0.55 -1.08	71.22 -0.38 -0.30	63.18 -0.28 -0.53	88.60 -0.11 -2.78	71.12 -0.38 -8.80	39.38 -0.48 -1.22	49.43 -0.88 -0.41	51.40 -0.93 -2.27	67.74 -1.12 -5.61	56.51 -1.06 -1.64	56.32 -0.97 -3.76	50.84 -0.73 -5.57	42.07 -0.42 -8.11	49.66 -0.13 -1.75	70.54 -0.01 -1.18	93.06 -0.07 -2.64	77.81 -0.03 -2.73	77.02 -0.22 -3.86	154.67 -0.99 -10.33	94.42 -0.98 -3.12	123.71 -1.42 -7.51
STATION_5_MISC_HYD 23604	72.46 -3.31 4.79	74.17 -3.59 1.83	72.43 -3.99 2.57	58.07 -3.32 2.22	59.93 -3.45 7.92	52.41 -2.95 7.57	75.36 -4.42 6.16	45.40 -3.30 14.01	30.50 -2.05 6.09	46.79 -2.90 0.20	44.08 -3.04 2.94	51.03 -3.75 8.46	48.18 -3.30 4.45	43.06 -3.21 7.26	34.13 -2.69 9.18	24.69 -1.91 7.77	37.59 -2.32 8.12	56.59 -3.32 9.47	68.60 -4.15 17.74	54.99 -3.48 16.63	55.02 -3.71 14.65	111.02 -8.61 25.69	78.52 -5.61 8.14	94.43 -6.76 16.44
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	78.75 -1.80 0.00	77.67 -1.92 0.00	76.72 -2.27 0.00	61.14 -1.98 0.49	68.82 -1.90 0.58	60.40 -1.52 1.01	80.69 -2.07 3.19	57.14 -1.68 3.88	38.20 -1.17 -0.73	48.12 -1.75 0.03	45.31 -1.86 2.89	52.86 -2.27 8.11	51.06 -2.04 2.83	45.99 -1.95 5.59	35.98 -1.60 8.42	26.57 -1.06 6.75	44.85 -1.11 2.07	65.86 -1.56 1.95	83.62 -1.97 4.90	68.25 -1.66 5.19	64.13 -1.92 7.33	120.82 -4.88 19.62	82.92 -3.43 5.93	99.12 -4.25 14.26
STA_56_34_KV_BUS2_REV_LBMP_B 345033	76.97 -3.58 0.00	75.76 -3.83 0.00	74.77 -4.21 0.00	59.61 -3.49 0.51	67.06 -3.66 0.58	58.79 -3.13 1.02	78.17 -4.60 3.17	55.63 -3.43 3.65	37.20 -2.14 -0.70	46.88 -2.99 0.03	44.05 -3.14 2.87	51.20 -3.87 8.17	49.67 -3.41 2.85	44.62 -3.28 5.64	34.73 -2.77 8.50	25.55 -1.96 6.87	43.51 -2.45 2.07	63.94 -3.48 1.95	81.20 -4.38 4.92	66.21 -3.67 5.22	62.11 -3.90 7.37	116.66 -8.92 19.74	80.47 -5.84 5.97	96.22 -7.07 14.34
STA_56___34_KV_BUS2 355983	76.97 -3.58 0.00	75.76 -3.83 0.00	74.77 -4.21 0.00	59.61 -3.49 0.51	67.06 -3.66 0.58	58.79 -3.13 1.02	78.17 -4.60 3.17	55.63 -3.43 3.65	37.20 -2.14 -0.70	46.88 -2.99 0.03	44.05 -3.14 2.87	51.20 -3.87 8.17	49.67 -3.41 2.85	44.62 -3.28 5.64	34.73 -2.77 8.50	25.55 -1.96 6.87	43.51 -2.45 2.07	63.94 -3.48 1.95	81.20 -4.38 4.92	66.21 -3.67 5.22	62.11 -3.90 7.37	116.66 -8.92 19.74	80.47 -5.84 5.97	96.22 -7.07 14.34
STA_67___115KV_BK2 355882	77.06 -3.49 0.00	75.84 -3.75 0.00	74.84 -4.14 0.00	59.63 -3.45 0.53	67.10 -3.61 0.59	58.80 -3.09 1.04	78.07 -4.63 3.25	55.11 -3.47 4.13	37.17 -2.17 -0.70	46.83 -3.03 0.04	43.93 -3.20 2.93	50.96 -3.93 8.35	49.55 -3.46 2.92	44.43 -3.34 5.76	34.48 -2.83 8.69	25.31 -2.00 7.07	42.54 -2.50 2.99	61.76 -3.55 4.06	80.61 -4.44 5.44	64.77 -3.72 6.61	59.75 -3.95 9.68	113.18 -9.07 23.07	79.90 -5.85 6.53	95.93 -7.05 14.65
STA_7___115KV_9TRANS 80674	77.59 -2.96 0.00	76.35 -3.24 0.00	75.33 -3.66 0.00	60.03 -3.05 0.53	67.56 -3.15 0.60	59.22 -2.67 1.04	78.72 -3.97 3.25	55.63 -2.95 4.12	37.49 -1.85 -0.70	47.27 -2.59 0.04	44.37 -2.75 2.94	51.49 -3.37 8.37	50.04 -2.96 2.92	44.90 -2.86 5.77	34.87 -2.41 8.72	25.60 -1.69 7.09	43.02 -2.03 2.98	62.49 -2.86 4.02	81.53 -3.52 5.44	65.55 -2.96 6.59	60.51 -3.23 9.64	114.50 -7.77 23.06	80.68 -5.06 6.53	96.83 -6.11 14.69
STA_82___115KV_TB1 80780	77.07 -3.48 0.00	75.85 -3.74 0.00	74.86 -4.13 0.00	59.63 -3.44 0.54	67.11 -3.58 0.60	58.80 -3.08 1.06	78.03 -4.62 3.29	55.44 -3.45 3.81	37.18 -2.16 -0.70	46.84 -3.02 0.04	43.91 -3.18 2.96	50.85 -3.91 8.48	49.52 -3.45 2.96	44.35 -3.34 5.85	34.36 -2.82 8.82	25.20 -2.00 7.19	43.39 -2.49 2.15	63.81 -3.54 2.02	80.97 -4.42 5.09	65.98 -3.71 5.41	61.81 -3.92 7.64	115.83 -9.03 20.46	80.25 -5.85 6.18	95.74 -7.03 14.86
STEEL___WIND 323596	66.74 -3.49 10.32	71.75 -3.89 3.94	68.73 -4.72 5.54	54.87 -3.97 4.78	50.29 -4.17 16.84	43.39 -3.65 15.90	68.53 -5.90 11.52	24.16 -4.67 33.88	20.71 -2.98 14.95	44.99 -4.36 0.55	35.33 -4.72 10.01	34.98 -5.61 22.64	41.90 -5.01 9.02	30.64 -4.81 18.07	22.48 -4.12 19.40	16.07 -2.93 15.38	20.95 -3.59 23.49	32.32 -5.09 31.96	45.22 -6.46 38.80	28.88 -5.28 40.94	27.29 -5.42 40.66	69.52 -12.20 63.60	66.99 -7.79 17.50	79.35 -8.90 29.37
STEPHTWN_115KV_BK_2 55603	84.37 3.82 0.00	83.59 4.00 0.00	83.17 4.18 0.00	72.64 3.60 -5.43	75.37 4.07 0.00	66.51 3.58 0.00	105.27 5.13 -14.20	156.70 3.63 -90.37	87.80 2.19 -46.97	64.05 2.87 -11.28	52.58 2.52 0.00	66.25 3.01 0.00	58.60 2.67 0.00	56.11 2.58 0.00	60.76 2.56 -12.20	158.57 1.86 -122.33	60.58 2.81 -9.73	73.30 4.02 0.09	95.57 5.08 0.00	79.02 3.92 0.00	77.13 3.75 0.00	152.81 7.49 0.00	96.90 4.62 0.00	123.21 5.58 0.00
STEUBEN_REC_LFGE 323667	77.74 -2.81 0.00	76.50 -3.09 0.00	74.90 -4.08 0.00	54.92 -3.97 4.73	63.93 -4.14 3.24	53.33 -3.93 5.67	62.78 -4.87 18.30	26.83 -3.38 32.49	36.54 -2.59 -0.49	45.11 -4.12 0.67	39.91 -4.63 5.52	28.58 -5.45 29.20	35.39 -5.30 15.24	25.83 -5.07 22.63	-0.99 -4.07 42.92	-15.77 -2.91 47.24	48.19 -3.78 -3.94	85.60 -5.25 -21.48	62.63 -6.71 21.15	60.52 -5.21 9.37	60.22 -5.15 8.01	69.83 -10.47 65.03	58.40 -7.48 26.40	29.18 -8.61 79.84
STILLWATER___SOLAR 323814	85.24 4.68 0.00	84.48 4.90 0.00	83.79 4.80 0.00	73.15 3.96 -5.58	75.82 4.52 0.00	67.07 4.15 0.00	112.03 6.07 -20.02	159.73 4.40 -92.63	89.28 2.54 -48.10	64.60 3.15 -11.55	53.07 3.01 0.00	66.83 3.59 0.00	59.02 3.09 0.00	56.69 3.16 0.00	61.51 3.01 -12.50	161.92 2.24 -125.30	61.42 3.41 -9.98	74.19 4.89 0.07	96.63 6.14 0.00	80.10 5.00 0.00	78.27 4.89 0.00	154.64 9.32 0.00	98.02 5.74 0.00	124.83 7.20 0.00
STONY___BROOK 24151	88.45 7.90 0.00	87.09 7.50 0.00	86.34 7.36 0.00	73.85 6.09 -4.15	77.94 6.63 0.00	69.43 6.50 0.00	101.39 8.79 -6.65	139.11 6.71 -69.69	79.42 3.92 -36.86	63.89 5.12 -8.87	55.38 5.32 0.00	125.03 7.28 -54.52	110.68 6.75 -48.00	149.71 6.56 -89.62	233.10 5.79 -181.30	156.02 4.33 -117.31	84.18 6.02 -30.13	112.64 8.93 -34.34	126.75 10.25 -26.02	157.26 8.81 -73.35	81.49 8.07 -0.05	160.19 14.87 0.00	108.41 9.99 -6.14	130.40 12.76 0.00
STURGEON_POOL_HYD 23609	87.51 6.96 0.00	86.41 6.83 0.00	85.71 6.73 0.00	73.44 5.56 -4.27	77.51 6.21 0.00	68.91 5.98 0.00	102.54 8.83 -7.77	141.91 7.10 -72.11	80.74 4.28 -37.81	64.31 5.33 -9.08	55.50 5.44 0.00	70.14 6.91 0.00	61.82 5.88 0.00	59.18 5.66 0.00	61.08 5.25 -9.82	138.21 4.13 -99.70	62.65 6.02 -8.60	79.15 8.67 -1.11	101.07 10.58 0.00	83.80 8.70 0.00	81.63 8.25 0.00	161.46 16.14 0.00	102.00 9.72 0.00	129.22 11.58 0.00
ST_LAW_115_BK7_LBMP 345037	79.81 -0.74 0.00	78.57 -1.02 0.00	77.93 -1.06 0.00	62.77 -0.84 0.00	70.18 -1.12 0.00	61.91 -1.03 0.00	84.01 -1.94 0.00	61.09 -1.62 0.00	37.68 -0.96 0.00	48.89 -1.01 0.00	49.16 -0.90 0.00	62.18 -1.05 0.00	55.31 -0.62 0.00	52.90 -0.63 0.00	45.08 -0.92 0.00	33.50 -0.88 0.00	46.68 -1.36 0.00	67.48 -1.89 0.00	88.64 -1.85 0.00	73.56 -1.55 0.00	71.83 -1.54 0.00	142.39 -2.93 0.00	90.92 -1.36 0.00	116.22 -1.41 0.00

ST_LAW_115_BK8_LBMP 345038	79.81 -0.74 0.00	78.57 -1.02 0.00	77.93 -1.06 0.00	62.77 -0.84 0.00	70.18 -1.12 0.00	61.91 -1.03 0.00	84.01 -1.94 0.00	61.09 -1.62 0.00	37.68 -0.96 0.00	48.89 -1.01 0.00	49.16 -0.90 0.00	62.18 -1.05 0.00	55.31 -0.62 0.00	52.90 -0.63 0.00	45.08 -0.92 0.00	33.50 -0.88 0.00	46.68 -1.36 0.00	67.48 -1.89 0.00	88.64 -1.85 0.00	73.56 -1.55 0.00	71.83 -1.54 0.00	142.39 -2.93 0.00	90.92 -1.36 0.00	116.22 -1.41 0.00
ST_LAW_230_BK5_LBMP 345035	79.81 -0.74 0.00	78.60 -0.99 0.00	77.95 -1.03 0.00	62.79 -0.82 0.00	70.22 -1.09 0.00	61.94 -0.99 0.00	84.10 -1.85 0.00	61.15 -1.55 0.00	37.73 -0.91 0.00	48.93 -0.97 0.00	49.19 -0.86 0.00	62.22 -1.01 0.00	55.32 -0.61 0.00	52.92 -0.61 0.00	45.12 -0.88 0.00	33.53 -0.85 0.00	46.75 -1.28 0.00	67.58 -1.79 0.00	88.75 -1.74 0.00	73.66 -1.44 0.00	71.91 -1.47 0.00	142.57 -2.75 0.00	91.00 -1.28 0.00	116.28 -1.35 0.00
ST_LAW_230_BK6_LBMP 345036	79.81 -0.74 0.00	78.60 -0.99 0.00	77.95 -1.03 0.00	62.79 -0.82 0.00	70.22 -1.09 0.00	61.94 -0.99 0.00	84.10 -1.85 0.00	61.15 -1.55 0.00	37.73 -0.91 0.00	48.93 -0.97 0.00	49.19 -0.86 0.00	62.22 -1.01 0.00	55.32 -0.61 0.00	52.92 -0.61 0.00	45.12 -0.88 0.00	33.53 -0.85 0.00	46.75 -1.28 0.00	67.58 -1.79 0.00	88.75 -1.74 0.00	73.66 -1.44 0.00	71.91 -1.47 0.00	142.57 -2.75 0.00	91.00 -1.28 0.00	116.28 -1.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	84.74 4.19 0.00	83.74 4.15 0.00	83.10 4.11 0.00	70.90 3.42 -3.87	75.06 3.76 0.00	66.63 3.70 0.00	97.67 5.41 -6.32	133.10 4.42 -65.98	76.00 2.69 -34.67	61.66 3.43 -8.33	53.63 3.58 0.00	67.59 4.35 0.00	59.56 3.63 0.00	57.08 3.55 0.00	58.38 3.37 -9.01	128.76 2.65 -91.73	59.91 3.79 -8.09	76.09 5.39 -1.33	96.84 6.35 0.00	80.38 5.28 0.00	78.41 5.04 0.00	155.43 10.11 0.00	98.41 6.13 0.00	124.98 7.35 0.00
SWANROAD_115KV_TB1 355699	73.43 -7.12 0.00	72.58 -7.00 0.00	71.22 -7.77 0.00	56.25 -6.41 0.95	63.54 -6.85 0.91	55.32 -6.02 1.58	72.16 -9.43 4.35	47.35 -7.24 8.12	34.91 -4.55 -0.82	43.48 -6.31 0.12	35.52 -6.51 8.02	36.79 -7.75 18.71	44.22 -6.99 4.73	34.75 -6.53 12.25	24.86 -5.56 15.58	18.72 -4.03 11.63	33.15 -5.32 9.57	46.17 -7.55 15.65	70.55 -9.76 10.18	51.38 -7.93 15.79	41.17 -7.92 24.28	79.73 -17.48 48.11	69.30 -11.08 11.90	82.55 -12.76 22.33
SYNERGY___BIOGAS 323694	70.78 -2.68 7.08	73.92 -2.96 2.71	71.55 -3.63 3.81	57.26 -3.08 3.28	56.64 -3.04 11.62	49.42 -2.49 11.02	74.18 -3.99 7.77	40.14 -2.96 19.60	26.98 -1.89 9.77	46.74 -2.84 0.32	41.23 -2.98 5.85	44.77 -3.56 14.90	46.37 -3.21 6.35	38.44 -3.03 12.06	29.92 -2.51 13.57	21.87 -1.75 10.76	31.42 -1.93 14.69	47.60 -2.72 19.05	60.68 -2.80 26.51	45.46 -3.08 26.85	44.65 -8.11 25.65	95.58 -5.42 41.63	74.83 -5.42 12.04	89.78 -6.16 21.69
SYRACUSE___ENERGY_ST1 323597	79.69 -0.86 0.00	78.65 -0.94 0.00	77.94 -1.05 0.00	63.11 -0.95 -0.44	70.38 -0.92 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.08 -1.02 -0.19	49.03 -1.02 0.00	61.91 -1.33 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.31 -0.90 -0.21	35.95 -0.54 -2.12	47.79 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.67 -0.71 0.00	143.56 -1.76 0.00	90.85 -1.43 0.00	115.65 -1.98 0.00
SYRACUSE___ENERGY_ST2 323598	79.69 -0.86 0.00	78.65 -0.94 0.00	77.94 -1.05 0.00	63.11 -0.95 -0.44	70.38 -0.92 0.00	62.17 -0.76 0.00	85.45 -0.81 -0.31	65.49 -0.76 -3.55	38.83 -0.62 -0.81	49.08 -1.02 -0.19	49.03 -1.02 0.00	61.91 -1.33 0.00	54.71 -1.22 0.00	52.39 -1.14 0.00	45.31 -0.90 -0.21	35.95 -0.54 -2.12	47.79 -0.44 -0.19	68.91 -0.50 -0.04	89.75 -0.74 0.00	74.49 -0.61 0.00	72.67 -0.71 0.00	143.56 -1.76 0.00	90.85 -1.43 0.00	115.65 -1.98 0.00
SYRACUSE___POWER 24017	79.71 -0.84 0.00	78.72 -0.87 0.00	78.01 -0.98 0.00	63.58 -0.88 -0.84	70.71 -0.81 -0.22	62.63 -0.68 -0.38	86.93 -0.67 -1.66	68.78 -0.69 -6.77	38.99 -0.60 -0.95	49.25 -0.97 -0.31	50.28 -0.97 -1.20	65.32 -1.27 -3.35	55.94 -1.16 -1.17	54.77 -1.06 -2.31	48.96 -0.84 -3.81	39.91 -0.51 -6.04	48.79 -0.36 -1.12	69.84 -0.37 -0.83	91.78 -0.58 -1.88	76.56 -0.50 -1.95	75.55 -0.59 -2.76	151.11 -1.60 -7.38	93.22 -1.30 -2.23	121.16 -1.84 -5.36
TALLMAN___138KV_BK151 55660	84.87 4.32 0.00	83.83 4.25 0.00	83.17 4.18 0.00	71.08 3.49 -3.98	75.10 3.80 0.00	66.75 3.82 0.00	98.01 5.59 -6.48	134.92 4.59 -67.63	76.95 2.78 -35.53	62.01 3.58 -8.53	53.82 3.77 0.00	67.82 4.58 0.00	59.71 3.78 0.00	57.24 3.71 0.00	58.74 3.51 -9.23	131.18 2.76 -94.04	60.30 3.96 -8.31	76.37 5.61 -1.39	97.04 6.55 0.00	80.57 5.47 0.00	78.62 5.24 0.00	155.89 10.56 0.00	98.74 6.46 0.00	125.36 7.73 0.00
TEALLAVE_115KV_TB7 355573	79.11 -1.44 0.00	78.12 -1.47 0.00	77.43 -1.56 0.00	62.66 -1.34 -0.39	69.99 -1.32 0.00	61.80 -1.13 0.00	84.87 -1.35 -0.27	64.66 -1.10 -3.06	38.53 -0.80 -0.69	48.85 -1.22 -0.16	48.81 -1.24 0.00	61.63 -1.61 0.00	54.49 -1.44 0.00	52.17 -1.36 0.00	45.09 -1.09 -0.18	35.48 -0.69 -1.79	47.47 -0.71 -0.14	68.45 -0.92 0.00	89.19 -1.30 0.00	74.00 -1.10 0.00	72.20 -1.18 0.00	142.56 -2.76 0.00	90.26 -2.02 0.00	114.94 -2.69 0.00
TELGRAPH_34_KV_EAST 80808	75.78 -4.78 0.00	74.66 -4.92 0.00	73.37 -5.62 0.00	58.08 -4.69 0.84	65.59 -4.89 0.83	57.27 -4.22 1.45	75.63 -6.65 3.66	53.01 -5.04 4.66	36.25 -3.19 -0.79	45.32 -4.51 0.08	38.82 -4.66 6.58	41.23 -5.58 16.43	46.67 -4.98 4.28	38.02 -4.70 10.81	28.02 -3.99 13.99	21.08 -2.84 10.45	36.31 -3.60 8.12	51.25 -5.13 12.99	75.01 -6.45 9.03	56.16 -5.32 13.62	47.02 -5.50 20.86	90.47 -12.70 42.15	73.52 -8.17 10.58	87.89 -9.36 20.38
TEMPLE___115KV_TB 2 55572	79.14 -1.41 0.00	78.16 -1.43 0.00	77.47 -1.51 0.00	62.71 -1.29 -0.39	70.01 -1.29 0.00	61.84 -1.08 0.00	84.93 -1.29 -0.27	64.73 -1.07 -3.10	38.55 -0.79 -0.70	48.86 -1.21 -0.17	48.83 -1.22 0.00	61.65 -1.59 0.00	54.49 -1.44 0.00	52.19 -1.34 0.00	45.11 -1.07 -0.18	35.51 -0.68 -1.82	47.50 -0.68 -0.15	68.51 -0.86 0.00	89.25 -1.23 0.00	74.06 -1.04 0.00	72.25 -1.12 0.00	142.69 -2.63 0.00	90.30 -1.98 0.00	115.04 -2.59 0.00
TIANA____69_KV_BK 1 55817	90.13 9.58 0.00	88.71 9.12 0.00	87.95 8.96 0.00	75.16 7.40 -4.15	79.49 8.19 0.00	70.88 7.95 0.00	103.54 10.95 -6.65	140.74 8.34 -69.69	80.28 4.79 -36.86	64.64 5.87 -8.87	55.96 5.91 0.00	125.88 8.13 -54.52	111.61 7.67 -48.00	156.43 7.73 -95.17	206.84 6.87 -153.97	156.86 5.17 -117.30	80.51 7.04 -25.44	114.94 10.25 -35.33	128.11 11.53 -26.09	155.29 9.88 -70.30	82.15 8.73 -0.05	161.90 16.57 0.00	109.29 10.87 -6.14	131.12 13.48 0.00
TILDEN___115KV_TB1 80814	79.71 -0.84 0.00	78.72 -0.87 0.00	78.01 -0.98 0.00	63.58 -0.88 -0.84	70.71 -0.81 -0.22	62.63 -0.68 -0.38	86.93 -0.67 -1.66	68.78 -0.69 -6.77	38.99 -0.60 -0.95	49.25 -0.97 -0.31	50.28 -0.97 -1.20	65.32 -1.27 -3.35	55.94 -1.16 -1.17	54.77 -1.06 -2.31	48.96 -0.84 -3.81	39.91 -0.51 -6.04	48.79 -0.36 -1.12	69.84 -0.37 -0.83	91.78 -0.58 -1.88	76.56 -0.50 -1.95	75.55 -0.59 -2.76	151.11 -1.60 -7.38	93.22 -1.30 -2.23	121.16 -1.84 -5.36

TRIGEN___CC 323695	86.52 5.97 0.00	85.30 5.72 0.00	84.59 5.61 0.00	72.45 4.69 -4.15	76.39 5.09 0.00	67.97 5.03 0.00	99.58 6.88 -6.76	138.33 5.37 -70.26	78.79 3.23 -36.91	63.11 4.33 -8.87	54.62 4.57 0.00	123.60 5.84 -54.52	108.97 5.04 -48.00	124.61 4.88 -66.20	107.60 4.43 -57.17	155.12 3.46 -117.28	61.88 4.86 -8.98	102.47 7.14 -25.96	124.14 8.34 -25.30	142.06 7.00 -59.96	79.95 6.53 -0.05	157.83 12.50 0.00	106.49 8.07 -6.14	127.24 9.61 0.00
TRINITY___115KV___4 BK 55933	83.45 2.90 0.00	82.75 3.17 0.00	82.21 3.23 0.00	71.89 2.83 -5.44	74.42 3.11 0.00	65.71 2.78 0.00	104.26 3.83 -14.49	155.92 2.66 -90.55	87.38 1.68 -47.06	63.36 2.15 -11.30	52.00 1.94 0.00	65.47 2.23 0.00	57.76 1.83 0.00	55.36 1.84 0.00	60.05 1.83 -12.23	158.30 1.35 -122.57	59.74 1.96 -9.75	72.02 2.74 0.10	93.68 3.19 0.00	77.71 2.61 0.00	76.01 2.64 0.00	150.65 5.33 0.00	95.59 3.31 0.00	121.85 4.22 0.00
UNION___PROCESSING_DRP 323587	77.11 -3.45 0.00	75.88 -3.71 0.00	74.87 -4.11 0.00	59.65 -3.42 0.54	67.11 -3.58 0.60	58.81 -3.06 1.06	78.07 -4.59 3.29	55.49 -3.43 3.78	37.20 -2.14 -0.71	46.86 -3.01 0.04	43.92 -3.18 2.96	50.85 -3.91 8.48	49.54 -3.43 2.96	44.36 -3.32 5.85	34.36 -2.81 8.83	25.20 -1.99 7.19	43.40 -2.48 2.15	63.84 -3.52 2.02	80.98 -4.42 5.10	66.00 -3.69 5.41	61.82 -3.91 7.64	115.87 -8.99 20.47	80.25 -5.84 6.19	95.75 -7.00 14.88
UPPER HUDSON___HYD 24058	84.99 4.44 0.00	84.30 4.72 0.00	83.43 4.44 0.00	72.89 3.67 -5.61	75.59 4.28 0.00	66.97 4.04 0.00	112.70 6.18 -20.58	160.18 4.42 -93.06	89.46 2.50 -48.32	64.54 3.03 -11.60	53.05 3.00 0.00	66.74 3.50 0.00	58.82 2.89 0.00	56.61 3.08 0.00	61.50 2.95 -12.55	162.47 2.24 -125.85	61.61 3.56 -10.02	74.41 5.12 0.08	97.00 6.51 0.00	80.33 5.23 0.00	78.41 5.04 0.00	154.87 9.54 0.00	98.02 5.74 0.00	124.57 6.94 0.00
UPPER RAQUET___HYD 24056	80.82 0.27 0.00	79.25 -0.34 0.00	78.59 -0.40 0.00	63.21 -0.40 0.00	70.69 -0.61 0.00	62.06 -0.87 0.00	83.44 -2.50 0.00	60.46 -2.24 0.00	37.30 -1.33 0.00	48.63 -1.27 0.00	49.28 -0.77 0.00	62.28 -0.95 0.00	55.51 -0.42 0.00	53.08 -0.45 0.00	45.13 -0.87 0.00	33.49 -0.89 0.00	46.39 -1.64 0.00	66.82 -2.55 0.00	87.94 -2.55 0.00	72.96 -2.14 0.00	71.20 -2.18 0.00	141.64 -3.68 0.00	90.95 -1.33 0.00	116.65 -0.99 0.00
VALLEY44_115KV_TB2 355964	80.30 -0.25 0.00	79.32 -0.27 0.00	78.10 -0.89 0.00	61.32 -0.92 1.37	69.46 -0.63 1.22	59.97 -0.83 2.13	77.52 -2.22 6.20	48.56 -2.11 12.03	38.16 -1.41 -0.93	49.30 -2.04 -1.44	44.96 -2.05 3.05	45.24 -2.17 15.82	48.80 -1.83 5.31	37.85 -1.82 13.86	25.02 -1.62 19.36	16.94 -1.34 16.11	38.33 -1.56 8.15	55.63 -2.23 11.50	75.62 -3.12 11.74	57.07 -2.57 15.46	47.75 -2.59 23.04	88.60 -5.12 51.61	76.30 -2.62 13.36	84.71 -2.95 29.97
VALLEY___115KV_TB 1-4 80826	82.81 2.26 0.00	82.18 2.59 0.00	81.57 2.58 0.00	65.77 2.16 0.00	73.78 2.48 0.00	65.23 2.30 0.00	89.46 3.51 0.00	65.11 2.41 0.00	39.98 1.35 0.00	51.50 1.60 0.00	51.31 1.26 0.00	64.87 1.63 0.00	57.24 1.30 0.00	54.81 1.29 0.00	47.50 1.49 0.00	35.35 0.97 0.00	49.36 1.33 0.00	71.45 2.08 0.00	93.10 2.61 0.00	77.42 2.32 0.00	75.80 2.42 0.00	150.03 4.70 0.00	95.15 2.87 0.00	120.89 3.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	86.13 5.58 0.00	85.38 5.80 0.00	84.90 5.92 0.00	70.65 4.83 -2.21	77.06 5.58 -0.19	68.02 4.76 -0.33	98.82 7.03 -5.85	101.97 5.45 -33.82	58.35 3.44 -16.26	57.99 4.11 -3.97	55.14 4.12 -0.97	71.09 5.14 -2.72	61.29 4.41 -0.95	59.57 4.16 -1.88	56.76 3.64 -7.11	82.59 2.75 -45.46	55.85 3.64 -4.18	75.16 5.01 -0.78	98.47 6.43 -1.55	82.17 5.39 -1.69	80.96 5.20 -2.38	161.75 10.06 -6.37	100.13 5.92 -1.92	129.48 7.22 -4.63
VISCHER___FERRY HYD 24020	84.58 4.03 0.00	83.84 4.25 0.00	83.20 4.21 0.00	72.63 3.52 -5.50	75.24 3.93 0.00	66.58 3.66 0.00	109.24 5.21 -18.09	157.86 3.77 -91.38	88.32 2.21 -47.47	64.09 2.78 -11.40	52.78 2.72 0.00	66.39 3.16 0.00	58.56 2.63 0.00	56.19 2.66 0.00	60.93 2.59 -12.33	159.98 1.88 -123.72	60.68 2.78 -9.87	73.32 3.99 0.04	95.38 4.89 0.00	79.10 4.00 0.00	77.39 4.01 0.00	152.98 7.66 0.00	97.12 4.84 0.00	123.92 6.29 0.00
V_A_10_SYNC_DSASP 323832	67.52 -5.49 7.54	70.93 -5.77 2.88	68.62 -6.32 4.05	55.01 -5.23 3.37	53.46 -5.57 12.27	46.47 -4.89 11.56	70.15 -7.61 8.18	33.37 -5.80 23.53	24.40 -3.62 10.62	44.52 -5.02 0.36	38.82 -5.23 6.01	42.74 -6.41 14.09	43.97 -5.67 6.29	36.36 -5.48 11.69	28.47 -4.67 12.86	20.67 -3.40 10.31	28.68 -4.37 14.98	43.84 -6.30 19.23	55.23 -7.98 27.27	41.29 -6.61 27.20	41.34 -6.78 25.25	90.66 -14.79 39.87	71.38 -9.27 11.63	86.07 -10.92 20.65
V_CMM_10_SYNC_DSASP 323787	80.24 -0.31 0.00	79.03 -0.55 0.00	78.40 -0.58 0.00	63.16 -0.45 0.00	70.61 -0.69 0.00	62.29 -0.64 0.00	84.56 -1.39 0.00	61.47 -1.23 0.00	37.92 -0.72 0.00	49.20 -0.71 0.00	49.45 -0.61 0.00	62.56 -0.67 0.00	55.64 -0.29 0.00	53.20 -0.33 0.00	45.34 -0.66 0.00	33.70 -0.68 0.00	46.97 -1.06 0.00	67.90 -1.47 0.00	89.18 -1.31 0.00	74.01 -1.09 0.00	72.27 -1.11 0.00	143.24 -2.08 0.00	91.44 -0.84 0.00	116.87 -0.76 0.00
V_CMP_10_SYNC_DSASP 323788	81.11 0.56 0.00	80.00 0.41 0.00	79.21 0.22 0.00	63.96 0.35 0.00	71.06 -0.25 0.00	62.70 -0.22 0.00	84.32 -1.62 0.00	60.74 -1.96 0.00	37.69 -0.95 0.00	48.83 -1.08 0.00	49.36 -0.69 0.00	61.91 -1.33 0.00	55.92 -0.01 0.00	54.18 0.64 0.00	45.83 -0.17 0.00	33.31 -1.07 0.00	46.80 -1.24 0.00	67.60 -1.77 0.00	89.99 -0.50 0.00	74.95 -0.15 0.00	72.61 -0.77 0.00	143.91 -1.42 0.00	92.23 -0.04 0.00	117.27 -0.36 0.00
V_D_10_SYNC_DSASP 323841	80.76 0.20 0.00	79.44 -0.15 0.00	78.79 -0.20 0.00	63.46 -0.14 0.00	70.95 -0.35 0.00	62.56 -0.37 0.00	84.79 -1.15 0.00	61.61 -1.09 0.00	38.00 -0.64 0.00	49.33 -0.57 0.00	49.64 -0.42 0.00	62.81 -0.43 0.00	55.86 -0.07 0.00	53.41 -0.12 0.00	45.51 -0.49 0.00	33.83 -0.55 0.00	47.11 -0.92 0.00	68.05 -1.32 0.00	89.41 -1.08 0.00	74.19 -0.92 0.00	72.43 -0.95 0.00	143.64 -1.68 0.00	91.78 -0.50 0.00	117.38 -0.26 0.00
V_E_10_SYNC_DSASP 323830	90.61 7.52 -2.54	87.90 7.35 -0.97	87.17 6.83 -1.36	73.69 5.19 -4.89	83.00 6.30 -5.39	74.59 5.56 -6.10	108.14 8.64 -13.56	113.64 5.83 -45.11	55.01 2.91 -13.46	56.05 3.74 -2.41	62.48 3.62 -8.80	91.08 4.21 -23.62	68.34 3.24 -9.17	73.91 2.93 -17.46	74.80 2.58 -26.22	78.99 1.98 -42.63	63.09 3.52 -11.54	85.36 5.30 -10.69	117.33 7.20 -19.65	101.55 5.94 -20.51	103.45 5.53 -24.54	212.41 10.74 -56.35	114.84 5.67 -16.89	162.10 6.34 -38.13
V_F_30_NSYNC___DSASP 323816	85.27 4.71 0.00	84.52 4.93 0.00	83.81 4.82 0.00	73.20 4.00 -5.59	75.84 4.54 0.00	67.10 4.17 0.00	112.32 6.10 -20.27	159.94 4.42 -92.82	89.41 2.57 -48.20	64.68 3.20 -11.57	53.12 3.06 0.00	66.91 3.67 0.00	59.09 3.16 0.00	56.74 3.21 0.00	61.55 3.03 -12.52	162.20 2.27 -125.55	61.46 3.43 -10.00	74.24 4.94 0.07	96.68 6.19 0.00	80.14 5.04 0.00	78.29 4.92 0.00	154.72 9.40 0.00	98.05 5.76 0.00	124.87 7.24 0.00



V_F_30_SYNC_DSASP 323786	83.72 3.16 0.00	83.02 3.43 0.00	82.48 3.49 0.00	72.14 3.05 -5.48	74.65 3.35 0.00	65.93 3.00 0.00	106.07 4.20 -15.93	156.81 2.93 -91.17	87.87 1.85 -47.37	63.66 2.38 -11.38	52.21 2.16 0.00	65.75 2.51 0.00	58.07 2.14 0.00	55.65 2.12 0.00	60.36 2.05 -12.31	159.30 1.54 -123.38	60.07 2.23 -9.81	72.42 3.14 0.09	94.19 3.70 0.00	78.12 3.02 0.00	76.39 3.01 0.00	151.39 6.06 0.00	96.00 3.72 0.00	122.30 4.66 0.00
V_XM_10_SYNC_DSASP 323789	81.11 0.56 0.00	80.00 0.41 0.00	79.21 0.22 0.00	63.96 0.35 0.00	71.06 -0.25 0.00	62.70 -0.22 0.00	84.32 -1.62 0.00	60.74 -1.96 0.00	37.69 -0.95 0.00	48.83 -1.08 0.00	49.36 -0.69 0.00	61.91 -1.33 0.00	55.92 -0.01 0.00	54.18 0.64 0.00	45.83 -0.17 0.00	33.31 -1.07 0.00	46.80 -1.24 0.00	67.60 -1.77 0.00	89.99 -0.50 0.00	74.95 -0.15 0.00	72.61 -0.77 0.00	143.91 -1.42 0.00	92.23 -0.04 0.00	117.27 -0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	85.18 4.63 0.00	84.15 4.57 0.00	83.48 4.49 0.00	71.34 3.73 -4.00	75.39 4.09 0.00	67.00 4.07 0.00	98.40 5.94 -6.52	135.56 4.86 -68.00	77.32 2.95 -35.72	62.27 3.79 -8.58	54.03 3.97 0.00	68.07 4.84 0.00	59.96 4.03 0.00	57.47 3.94 0.00	58.99 3.71 -9.28	131.86 2.93 -94.55	60.55 4.16 -8.35	76.72 5.94 -1.41	97.48 6.99 0.00	80.93 5.83 0.00	78.94 5.56 0.00	156.51 11.18 0.00	99.11 6.83 0.00	125.81 8.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	85.64 5.09 0.00	84.50 4.91 0.00	83.79 4.80 0.00	71.80 4.04 -4.15	75.74 4.44 0.00	67.37 4.44 0.00	99.00 6.30 -6.75	138.27 5.21 -70.35	78.81 3.25 -36.91	63.04 4.28 -8.86	54.53 4.47 0.00	68.71 5.47 0.00	60.59 4.66 0.00	58.08 4.55 0.00	59.77 4.18 -9.59	135.45 3.27 -97.80	61.40 4.65 -8.72	77.49 6.62 -1.50	98.31 7.81 0.00	81.55 6.44 0.00	79.51 6.13 0.00	157.61 12.28 0.00	99.75 7.47 0.00	126.58 8.94 0.00
W50THST__13_KV_LOAD 356117	86.10 5.55 0.00	84.92 5.34 0.00	84.21 5.23 0.00	72.15 4.38 -4.15	76.14 4.83 0.00	67.73 4.80 0.00	99.54 6.84 -6.75	138.69 5.64 -70.35	79.09 3.54 -36.91	63.46 4.69 -8.86	54.96 4.90 0.00	69.26 6.02 0.00	61.06 5.13 0.00	58.53 5.00 0.00	60.17 4.58 -9.59	135.78 3.56 -97.84	61.87 5.07 -8.77	78.07 7.19 -1.51	99.01 8.52 0.00	82.08 6.98 0.00	80.04 6.66 0.00	158.63 13.30 0.00	100.36 8.08 0.00	127.32 9.68 0.00
WADING RIVER_IC_1 23522	89.24 8.69 0.00	87.82 8.23 0.00	87.07 8.08 0.00	74.45 6.68 -4.15	78.64 7.34 0.00	70.10 7.17 0.00	102.42 9.82 -6.65	139.86 7.46 -69.69	79.83 4.33 -36.86	64.26 5.49 -8.87	55.67 5.62 0.00	125.66 7.91 -54.52	111.41 7.47 -48.00	156.41 7.46 -95.42	206.44 6.62 -153.81	156.57 4.89 -117.30	79.95 6.51 -25.41	114.19 9.46 -35.36	127.20 10.61 -26.09	154.80 9.41 -70.29	82.11 8.69 -0.05	162.13 16.80 0.00	109.47 11.05 -6.14	131.38 13.75 0.00
WADING RIVER_IC_2 23547	89.24 8.69 0.00	87.82 8.23 0.00	87.07 8.08 0.00	74.45 6.68 -4.15	78.64 7.34 0.00	70.10 7.17 0.00	102.42 9.82 -6.65	139.86 7.46 -69.69	79.83 4.33 -36.86	64.26 5.49 -8.87	55.67 5.62 0.00	125.66 7.91 -54.52	111.41 7.47 -48.00	156.41 7.46 -95.42	206.44 6.62 -153.81	156.57 4.89 -117.30	79.95 6.51 -25.41	114.19 9.46 -35.36	127.20 10.61 -26.09	154.80 9.41 -70.29	82.11 8.69 -0.05	162.13 16.80 0.00	109.47 11.05 -6.14	131.38 13.75 0.00
WADING RIVER_IC_3 23601	89.24 8.69 0.00	87.82 8.23 0.00	87.07 8.08 0.00	74.45 6.68 -4.15	78.64 7.34 0.00	70.10 7.17 0.00	102.42 9.82 -6.65	139.86 7.46 -69.69	79.83 4.33 -36.86	64.26 5.49 -8.87	55.67 5.62 0.00	125.66 7.91 -54.52	111.41 7.47 -48.00	156.41 7.46 -95.42	206.44 6.62 -153.81	156.57 4.89 -117.30	79.95 6.51 -25.41	114.19 9.46 -35.36	127.20 10.61 -26.09	154.80 9.41 -70.29	82.11 8.69 -0.05	162.13 16.80 0.00	109.47 11.05 -6.14	131.38 13.75 0.00
WALDENNY_12_KV_BK2 80841	76.92 -3.63 0.00	75.70 -3.88 0.00	74.26 -4.73 0.00	58.48 -4.02 1.11	66.11 -4.17 1.02	57.48 -3.66 1.79	74.85 -5.93 5.16	46.76 -4.66 11.29	36.52 -2.97 -0.85	45.44 -4.30 0.16	35.59 -4.66 9.81	35.71 -5.50 22.02	45.63 -4.92 5.39	34.49 -4.67 14.37	23.99 -3.99 18.03	17.99 -2.83 13.56	32.67 -3.54 11.82	44.91 -4.97 19.48	72.31 -6.32 11.85	50.99 -5.21 18.90	38.79 -5.34 29.25	76.43 -12.05 56.84	70.80 -7.68 13.80	83.64 -8.75 25.24
WALDEN__HYDRO 24148	85.65 5.10 0.00	84.62 5.03 0.00	83.95 4.96 0.00	71.74 4.12 -4.01	75.86 4.56 0.00	67.36 4.43 0.00	99.08 6.51 0.00	136.09 5.25 -68.14	77.67 3.19 -35.83	62.52 4.01 -8.61	54.18 4.12 0.00	68.35 5.11 0.00	60.23 4.30 0.00	57.73 4.20 0.00	59.24 3.93 -9.31	132.28 3.11 -94.79	60.84 4.47 -8.34	77.12 6.40 -1.35	98.17 7.68 0.00	81.46 6.36 0.00	79.44 6.06 0.00	157.32 11.99 0.00	99.52 7.24 0.00	126.31 8.67 0.00
WARRENSBURG____ 23737	84.99 4.44 0.00	84.30 4.72 0.00	83.43 4.44 0.00	72.89 3.67 -5.61	75.59 4.28 0.00	66.97 4.04 0.00	112.70 6.18 -20.58	160.18 4.42 -93.06	89.46 2.50 -48.32	64.54 3.03 -11.60	53.05 3.00 0.00	66.74 3.50 0.00	58.82 2.89 0.00	56.61 3.08 0.00	61.50 2.95 -12.55	162.47 2.24 -125.85	61.61 3.56 -10.02	74.41 5.12 0.08	97.00 6.51 0.00	80.33 5.23 0.00	78.41 5.04 0.00	154.87 9.54 0.00	98.02 5.74 0.00	124.57 6.94 0.00
WATERSIDE____6 8 9 23538	85.39 4.84 0.00	84.22 4.63 0.00	83.55 4.57 0.00	71.63 3.87 -4.15	75.47 4.17 0.00	67.16 4.24 0.00	98.68 5.98 -6.75	138.17 5.10 -70.36	78.77 3.21 -36.92	63.00 4.23 -8.87	54.47 4.41 0.00	68.63 5.39 0.00	60.53 4.60 0.00	58.03 4.50 0.00	59.70 4.11 -9.59	135.85 3.24 -98.23	61.78 4.54 -9.20	77.42 6.47 -1.58	98.07 7.58 0.00	81.39 6.29 0.00	79.37 5.99 0.00	157.52 12.19 0.00	99.64 7.36 0.00	126.42 8.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	82.17 1.61 0.00	81.45 1.86 0.00	80.87 1.88 0.00	65.19 1.58 0.00	73.11 1.81 0.00	64.59 1.66 0.00	88.52 2.58 0.00	64.51 1.80 0.00	39.66 1.02 0.00	51.11 1.20 0.00	51.02 0.97 0.00	64.48 1.24 0.00	56.94 1.01 0.00	54.58 1.05 0.00	47.17 1.17 0.00	35.23 0.85 0.00	49.23 1.20 0.00	71.18 1.80 0.00	92.67 2.18 0.00	76.93 1.83 0.00	75.25 1.87 0.00	148.97 3.65 0.00	94.43 2.15 0.00	120.10 2.47 0.00
WATSON__69_KV_BK 1 55734	89.03 8.48 0.00	87.66 8.07 0.00	86.93 7.94 0.00	74.33 6.57 -4.15	78.48 7.18 0.00	69.89 6.96 0.00	102.06 9.47 -6.65	139.59 7.16 -69.73	79.66 4.16 -36.86	64.23 5.46 -8.87	55.71 5.65 0.00	125.31 7.56 -54.52	110.79 6.85 -48.00	140.00 6.69 -79.78	157.72 6.00 -105.72	156.32 4.65 -117.29	71.87 6.50 -17.34	112.04 9.74 -32.93	127.72 11.34 -25.89	149.88 9.62 -65.16	82.29 8.86 -0.05	161.85 16.52 0.00	109.34 10.92 -6.14	131.07 13.44 0.00
WDELAWARE__HYD 323627	87.08 6.53 0.00	86.05 6.46 0.00	85.38 6.39 0.00	72.64 5.24 -3.79	77.19 5.89 0.00	68.57 5.63 0.00	100.73 8.33 -6.46	133.96 6.59 -64.67	76.70 4.01 -34.06	62.95 4.87 -8.18	54.94 4.88 0.00	69.42 6.18 0.00	61.17 5.24 0.00	58.64 5.11 0.00	59.60 4.74 -8.85	128.02 3.71 -89.94	61.19 5.33 -7.83	78.30 7.80 -1.13	100.10 9.61 0.00	83.04 7.94 0.00	80.93 7.55 0.00	160.13 14.80 0.00	101.18 8.90 0.00	128.30 10.67 0.00

WEST BABYLON___IC 23714	88.49 7.94 0.00	87.14 7.55 0.00	86.43 7.44 0.00	73.90 6.14 -4.15	78.01 6.71 0.00	69.48 6.55 0.00	101.49 8.88 -6.66	139.10 6.80 -69.60	79.49 4.00 -36.85	64.00 5.23 -8.87	55.48 5.42 0.00	124.91 7.16 -54.52	110.33 6.39 -48.00	129.68 6.24 -69.92	120.47 5.61 -68.85	156.03 4.37 -117.28	65.22 6.13 -11.05	107.91 9.20 -29.35	126.77 10.69 -25.59	145.35 9.04 -61.20	81.77 8.35 -0.05	161.07 15.75 0.00	108.67 10.26 -6.14	130.14 12.51 0.00
WEST CANADA___HYD 24049	81.10 0.55 0.00	80.18 0.60 0.00	79.61 0.62 0.00	64.09 0.48 0.00	71.87 0.56 0.00	63.41 0.48 0.00	86.68 0.73 0.00	63.27 0.56 0.00	38.99 0.35 0.00	50.35 0.45 0.00	50.46 0.40 0.00	63.73 0.50 0.00	56.31 0.38 0.00	53.91 0.38 0.00	46.39 0.39 0.00	34.69 0.31 0.00	48.44 0.40 0.00	69.95 0.58 0.00	91.13 0.64 0.00	75.64 0.54 0.00	73.94 0.56 0.00	146.47 1.14 0.00	92.93 0.65 0.00	118.39 0.76 0.00
WESTERN_NY_WIND 24143	77.71 -2.84 0.00	76.51 -3.08 0.00	75.22 -3.77 0.00	59.63 -3.19 0.80	67.34 -3.17 0.79	58.94 -2.61 1.38	78.26 -4.15 3.53	55.03 -3.11 4.57	37.42 -2.00 -0.78	46.88 -2.96 0.07	40.87 -3.10 6.08	44.25 -3.70 15.29	48.53 -3.33 4.08	40.30 -3.14 10.09	30.17 -2.61 13.22	22.63 -1.81 9.94	38.61 -2.11 7.31	54.93 -2.89 11.54	78.48 -3.55 8.46	59.60 -3.01 12.50	51.03 -3.29 19.06	97.78 -8.43 39.11	76.72 -5.61 9.95	91.75 -6.38 19.50
WESTOVER___LESR 323668	81.34 0.79 0.00	80.50 0.92 0.00	79.73 0.75 0.00	65.46 0.43 -1.41	72.06 0.75 0.00	63.46 0.53 0.00	89.43 1.01 -2.48	74.62 -0.19 -12.11	41.14 -0.73 -3.23	49.57 -1.11 -0.78	49.76 -1.13 -0.84	63.12 -1.48 -1.36	54.59 -1.40 -0.06	53.00 -1.31 -0.78	46.24 -1.12 -1.35	42.09 -0.76 -8.47	48.71 -0.30 -0.97	69.73 0.23 -0.13	91.15 0.66 0.00	75.91 0.81 0.00	74.11 0.73 0.00	146.63 1.31 0.00	92.71 0.43 0.00	117.89 0.26 0.00
WETHRSFD_WT_PWR 323626	72.11 -4.53 3.91	73.52 -4.58 1.49	71.33 -5.56 2.10	55.57 -4.93 3.12	58.79 -5.09 7.42	50.42 -4.66 7.85	68.92 -7.10 9.92	28.26 -5.48 28.96	31.35 -3.60 3.69	44.20 -5.28 0.42	21.71 -5.65 22.70	10.77 -6.91 45.56	40.46 -6.21 9.27	17.84 -6.05 29.64	9.53 -5.11 31.36	9.58 -3.62 21.17	8.14 -4.44 35.46	1.84 -6.34 61.18	50.33 -8.14 32.02	15.82 -6.47 52.81	-8.70 -6.56 75.52	8.01 -14.06 123.26	56.25 -9.19 26.85	69.69 -10.95 36.99
WHAVSTOR_138KV_BK127 55557	84.87 4.32 0.00	83.83 4.25 0.00	83.19 4.20 0.00	71.12 3.50 -4.01	75.12 3.82 0.00	66.75 3.82 0.00	98.05 5.59 -6.52	135.36 4.58 -68.08	77.17 2.77 -35.76	62.06 3.57 -8.59	53.79 3.73 0.00	67.77 4.53 0.00	59.70 3.77 0.00	57.24 3.71 0.00	58.79 3.50 -9.29	131.79 2.76 -94.65	60.34 3.94 -8.36	76.39 5.61 -1.41	97.04 6.55 0.00	80.56 5.46 0.00	78.59 5.21 0.00	155.85 10.53 0.00	98.70 6.42 0.00	125.34 7.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	84.87 4.32 0.00	83.83 4.25 0.00	83.19 4.20 0.00	71.12 3.50 -4.01	75.12 3.82 0.00	66.75 3.82 0.00	98.05 5.59 -6.52	135.36 4.58 -68.08	77.17 2.77 -35.76	62.06 3.57 -8.59	53.79 3.73 0.00	67.77 4.53 0.00	59.70 3.77 0.00	57.24 3.71 0.00	58.79 3.50 -9.29	131.79 2.76 -94.65	60.34 3.94 -8.36	76.39 5.61 -1.41	97.04 6.55 0.00	80.56 5.46 0.00	78.59 5.21 0.00	155.85 10.53 0.00	98.70 6.42 0.00	125.34 7.71 0.00
WHITEHAL_115KV_TB1 80871	87.26 6.71 0.00	86.85 7.26 0.00	85.80 6.81 0.00	74.66 5.45 -5.60	77.82 6.52 0.00	69.28 6.35 0.00	115.97 9.56 -20.45	161.94 6.27 -92.96	90.31 3.40 -48.27	65.46 3.97 -11.59	54.67 4.61 0.00	68.48 5.24 0.00	59.78 3.85 0.00	57.95 4.42 0.00	62.94 4.40 -12.54	163.59 3.49 -125.72	63.84 5.80 -10.01	77.41 8.11 0.08	101.15 10.65 0.00	83.55 8.44 0.00	81.54 8.16 0.00	161.34 16.01 0.00	101.95 9.67 0.00	128.46 10.83 0.00
WHITEPLN_13_KV_LOAD 356215	86.24 5.68 0.00	85.15 5.56 0.00	84.44 5.46 0.00	72.29 4.54 -4.14	76.32 5.02 0.00	67.84 4.91 0.00	99.80 7.12 -6.74	138.65 5.76 -70.19	78.98 3.51 -36.83	63.30 4.55 -8.84	54.74 4.69 0.00	69.02 5.78 0.00	60.83 4.90 0.00	58.32 4.79 0.00	60.00 4.43 -9.57	135.37 3.46 -97.53	61.64 4.97 -8.64	78.01 7.15 -1.49	99.05 8.56 0.00	82.11 7.01 0.00	80.04 6.67 0.00	158.58 13.26 0.00	100.32 8.04 0.00	127.29 9.65 0.00
WM_FLOYD_69_KV_BK2 356380	88.94 8.39 0.00	87.56 7.97 0.00	86.80 7.81 0.00	74.23 6.47 -4.15	78.39 7.09 0.00	69.86 6.93 0.00	102.04 9.44 -6.65	139.63 7.24 -69.69	79.65 4.15 -36.86	64.11 5.33 -8.87	55.52 5.46 0.00	125.47 7.71 -54.52	111.21 7.28 -48.00	154.55 7.22 -93.80	207.90 6.43 -155.46	156.56 4.88 -117.30	80.41 6.67 -25.70	114.31 9.81 -35.13	127.73 11.17 -26.08	155.27 9.69 -70.48	82.29 8.87 -0.05	162.04 16.72 0.00	109.48 11.06 -6.14	131.30 13.67 0.00
WOODARD___115KV_TB2 355635	79.00 -1.55 0.00	78.00 -1.59 0.00	77.32 -1.67 0.00	62.60 -1.41 -0.39	69.86 -1.44 0.00	61.70 -1.23 0.00	84.74 -1.48 -0.28	64.64 -1.20 -3.13	38.50 -0.85 -0.71	48.79 -1.28 -0.17	48.76 -1.30 0.00	61.56 -1.68 0.00	54.43 -1.51 0.00	52.11 -1.42 0.00	45.02 -1.17 -0.18	35.47 -0.75 -1.84	47.39 -0.79 -0.15	68.31 -1.06 0.00	89.03 -1.46 0.00	73.88 -1.23 0.00	72.10 -1.28 0.00	142.42 -2.91 0.00	90.17 -2.12 0.00	114.82 -2.81 0.00
YORK___WARBASSE 23770	85.42 4.87 0.00	84.26 4.68 0.00	83.57 4.59 0.00	71.64 3.88 -4.15	75.42 4.12 0.00	67.30 4.37 0.00	98.74 6.04 -6.75	138.21 5.14 -70.36	78.83 3.27 -36.92	63.11 4.34 -8.87	54.55 4.49 0.00	68.66 5.42 0.00	60.55 4.62 0.00	58.05 4.52 0.00	59.71 4.12 -9.59	136.06 3.27 -98.41	62.04 4.60 -9.41	77.50 6.52 -1.61	98.19 7.70 0.00	81.52 6.42 0.00	79.47 6.09 0.00	157.60 12.28 0.00	99.67 7.39 0.00	126.56 8.93 0.00