

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/06/2025

Name	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
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	85.10	87.78	83.39	81.89	74.36	67.37	83.50	96.70	95.83	98.26	132.43	138.76	138.52	144.48	137.75	134.64	149.79	482.31	145.25	104.93	127.55	125.61	111.55	109.05
24138	5.38	5.25	4.99	4.95	4.53	3.91	5.27	6.84	7.54	8.27	10.92	12.25	11.47	9.73	4.11	9.86	12.13	39.35	12.37	7.78	8.24	3.18	9.99	9.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.03	-8.80	-17.58	-42.91	-94.53	-29.70	-14.12	0.00	0.00	-16.66	-37.72	-91.37	-3.91	-1.00
74TH STREET_GT_1	85.55	88.24	83.74	82.27	74.68	67.69	83.89	97.07	96.17	98.57	132.78	139.11	138.79	144.67	137.89	134.88	150.03	483.18	145.65	105.25	127.89	125.77	111.99	109.51
24260	5.82	5.71	5.34	5.33	4.85	4.23	5.67	7.21	7.88	8.58	11.26	12.59	11.74	9.91	4.22	10.09	12.36	40.23	12.78	8.09	8.56	3.32	10.43	9.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.03	-8.80	-17.59	-42.92	-94.55	-29.71	-14.12	0.00	0.00	-16.67	-37.73	-91.39	-3.91	-1.00
74TH STREET_GT_2	85.55	88.24	83.74	82.27	74.68	67.69	83.89	97.07	96.17	98.57	132.78	139.11	138.79	144.67	137.89	134.88	150.03	483.18	145.65	105.25	127.89	125.77	111.99	109.51
24261	5.82	5.71	5.34	5.33	4.85	4.23	5.67	7.21	7.88	8.58	11.26	12.59	11.74	9.91	4.22	10.09	12.36	40.23	12.78	8.09	8.56	3.32	10.43	9.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.03	-8.80	-17.59	-42.92	-94.55	-29.71	-14.12	0.00	0.00	-16.67	-37.73	-91.39	-3.91	-1.00
ADK HUDSON___FALLS	86.09	88.72	84.34	82.85	75.38	68.65	85.36	98.06	96.60	98.25	115.38	128.51	118.56	98.00	38.29	102.48	134.78	483.31	145.32	87.46	88.42	133.10	120.80	111.81
24011	6.36	6.20	5.94	5.90	5.55	5.19	7.13	8.20	8.32	8.26	9.58	11.18	9.88	8.08	3.41	8.74	11.86	40.36	12.44	7.72	8.51	3.16	9.66	9.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.39	0.79	1.93	4.24	1.33	0.63	0.00	0.00	0.75	1.69	-98.88	-13.49	-3.84
ADK RESOURCE___RCVRY	86.61	89.14	84.76	83.30	75.85	69.18	86.17	98.93	97.49	99.12	116.41	129.83	119.55	98.74	38.49	103.23	135.96	487.36	146.52	88.26	89.35	133.62	121.96	112.80
23798	6.88	6.62	6.36	6.36	6.03	5.72	7.94	9.08	9.20	9.13	10.62	12.52	10.90	8.86	3.72	9.52	13.06	44.40	13.65	8.55	9.49	3.52	10.76	10.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.40	0.81	1.97	4.35	1.37	0.65	0.00	0.00	0.77	1.74	-99.04	-13.55	-3.86
ADK S GLENS___FALLS	86.09	88.72	84.34	82.85	75.38	68.65	85.36	98.06	96.60	98.25	115.38	128.51	118.56	98.00	38.29	102.48	134.78	483.31	145.32	87.46	88.42	133.10	120.80	111.81
24028	6.36	6.20	5.94	5.90	5.55	5.19	7.13	8.20	8.32	8.26	9.58	11.18	9.88	8.08	3.41	8.74	11.86	40.36	12.44	7.72	8.51	3.16	9.66	9.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.39	0.79	1.93	4.24	1.33	0.63	0.00	0.00	0.75	1.69	-98.88	-13.49	-3.84
ADK_NYS___DAM	85.22	87.84	83.46	81.98	74.43	67.65	83.49	95.88	94.44	95.78	114.25	126.87	118.31	100.43	47.04	103.34	131.99	466.18	140.37	86.38	89.85	125.26	115.28	109.04
23527	5.49	5.31	5.06	5.04	4.60	4.18	5.26	6.02	6.15	5.79	6.95	8.67	7.89	6.25	2.79	6.66	7.68	23.22	7.49	4.99	6.20	2.40	7.30	7.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.82	-0.48	-0.96	-2.33	-5.14	-1.62	-0.77	0.00	0.00	-0.91	-2.05	-91.79	-10.33	-2.98
AIR_PRODUCTS___DRP	83.00	85.75	81.53	80.07	72.56	65.36	80.29	92.10	90.71	92.38	107.59	119.93	110.70	90.41	32.50	94.88	125.00	450.22	136.00	80.55	80.41	113.01	108.94	104.81
24190	3.28	3.23	3.13	3.13	2.73	1.89	2.06	2.24	2.42	2.39	2.33	2.93	2.67	2.04	1.06	2.22	2.60	7.26	3.13	1.42	1.88	0.91	3.70	3.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.71	1.43	3.48	7.67	2.41	1.15	0.00	0.00	1.35	3.06	-81.04	-7.60	-2.29
AKWESSNE_115KV_BK	78.82	81.77	77.61	76.11	69.10	62.96	77.42	88.74	86.61	88.35	104.24	114.79	107.03	89.45	38.13	92.98	121.18	436.36	130.42	78.94	79.44	30.21	95.14	96.02
355683	-0.90	-0.76	-0.78	-0.83	-0.73	-0.51	-0.81	-1.12	-1.68	-1.64	-2.24	-2.93	-2.43	-2.40	-0.99	-2.09	-2.37	-6.60	-2.46	-1.54	-2.16	-0.85	-2.51	-2.59
	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	84.13	86.92	82.67	81.18	73.62	66.54	81.93	93.97	92.43	94.03	110.39	122.37	113.19	94.00	37.75	98.08	128.29	459.82	138.56	83.17	84.08	110.40	108.94	105.83
323833	4.40	4.39	4.27	4.24	3.79	3.07	3.71	4.11	4.14	4.05	4.37	4.93	4.27	3.48	1.56	3.93	5.18	16.86	5.68	3.21	3.65	1.48	5.05	5.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.27	0.54	1.33	2.93	0.92	0.44	0.00	0.00	0.52	1.17	-77.86	-6.24	-1.92
ALBANY_2_SOLAR	84.08	86.90	82.61	81.14	73.58	66.51	81.91	93.92	92.42	94.01	110.31	122.32	113.15	93.93	37.69	98.05	128.27	459.60	138.52	83.14	84.01	110.38	108.89	105.79
323834	4.35	4.37	4.22	4.20	3.75	3.05	3.68	4.07	4.13	4.02	4.30	4.88	4.24	3.43	1.55	3.92	5.17	16.64	5.65	3.18	3.61	1.48	5.00	5.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.28	0.56	1.35	2.98	0.94	0.45	0.00	0.00	0.52	1.19	-77.84	-6.24	-1.92
ALBANY___1	83.00	85.75	81.53	80.07	72.56	65.36	80.29	92.10	90.71	92.38	107.59	119.93	110.70	90.41	32.50	94.88	125.00	450.22	136.00	80.55	80.41	113.01	108.94	104.81
23571	3.28	3.23	3.13	3.13	2.73	1.89	2.06	2.24	2.42	2.39	2.33	2.93	2.67	2.04	1.06	2.22	2.60	7.26	3.13	1.42	1.88	0.91	3.70	3.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.71	1.43	3.48	7.67	2.41	1.15	0.00	0.00	1.35	3.06	-81.04	-7.60	-2.29

ALBANY___2 23572	83.00 3.28 0.00	85.75 3.23 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.10 2.24 0.00	90.71 2.42 0.00	92.38 2.39 0.00	107.59 2.33 1.22	119.93 2.93 0.71	110.70 2.67 1.43	90.41 2.04 3.48	32.50 1.06 7.67	94.88 2.22 2.41	125.00 2.60 1.15	450.22 7.26 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
ALBANY___3 23573	83.00 3.28 0.00	85.75 3.23 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.10 2.24 0.00	90.71 2.42 0.00	92.38 2.39 0.00	107.59 2.33 1.22	119.93 2.93 0.71	110.70 2.67 1.43	90.41 2.04 3.48	32.50 1.06 7.67	94.88 2.22 2.41	125.00 2.60 1.15	450.22 7.26 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
ALBANY___4 23574	83.00 3.28 0.00	85.75 3.23 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.10 2.24 0.00	90.71 2.42 0.00	92.38 2.39 0.00	107.59 2.33 1.22	119.93 2.93 0.71	110.70 2.67 1.43	90.41 2.04 3.48	32.50 1.06 7.67	94.88 2.22 2.41	125.00 2.60 1.15	450.22 7.26 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
ALBANY___LFGE 323615	83.55 3.82 0.00	86.31 3.78 0.00	82.07 3.67 0.00	80.60 3.66 0.00	73.04 3.21 0.00	65.89 2.43 0.00	81.07 2.84 0.00	93.05 3.20 0.00	91.71 3.42 0.00	93.42 3.42 0.00	109.17 3.66 0.96	121.62 4.47 0.56	112.41 4.08 1.13	92.33 3.24 2.75	34.58 1.53 6.07	96.66 3.50 1.91	126.90 4.26 0.91	456.03 13.07 0.00	137.65 4.77 0.00	81.92 2.51 1.07	82.19 3.02 2.42	119.25 1.30 -86.89	111.80 4.67 -9.48	106.20 4.80 -2.79
ALCOA_PA_115KV_PL-6C 55860	79.20 -0.53 0.00	82.19 -0.34 0.00	78.03 -0.37 0.00	76.52 -0.42 0.00	69.48 -0.35 0.00	63.33 -0.14 0.00	77.91 -0.32 0.00	89.29 -0.56 0.00	87.10 -1.19 0.00	88.89 -1.10 0.00	104.80 -1.68 0.00	115.41 -2.31 0.00	107.57 -1.90 0.00	89.62 -2.23 0.00	38.20 -0.92 0.00	93.50 -1.57 0.00	121.91 -1.64 0.00	439.37 -3.59 0.00	131.22 -1.66 0.00	79.38 -1.10 0.00	79.86 -1.74 0.00	30.36 -0.70 0.00	95.61 -2.04 0.00	96.45 -2.17 0.00
ALCOA_RYNLDS___DRP 24188	79.20 -0.53 0.00	82.19 -0.34 0.00	78.03 -0.37 0.00	76.52 -0.42 0.00	69.48 -0.35 0.00	63.33 -0.14 0.00	77.91 -0.32 0.00	89.29 -0.56 0.00	87.10 -1.19 0.00	88.89 -1.10 0.00	104.80 -1.68 0.00	115.41 -2.31 0.00	107.57 -1.90 0.00	89.62 -2.23 0.00	38.20 -0.92 0.00	93.50 -1.57 0.00	121.91 -1.64 0.00	439.37 -3.59 0.00	131.22 -1.66 0.00	79.38 -1.10 0.00	79.86 -1.74 0.00	30.36 -0.70 0.00	95.61 -2.04 0.00	96.45 -2.17 0.00
ALCOA___DSASP 323711	79.21 -0.52 0.00	82.19 -0.34 0.00	78.03 -0.37 0.00	76.52 -0.42 0.00	69.48 -0.35 0.00	63.33 -0.14 0.00	77.91 -0.32 0.00	89.30 -0.56 0.00	87.10 -1.19 0.00	88.89 -1.10 0.00	104.81 -1.67 0.00	115.40 -2.32 0.00	107.56 -1.91 0.00	89.62 -2.23 0.00	38.20 -0.92 0.00	93.50 -1.57 0.00	121.91 -1.64 0.00	439.36 -3.60 0.00	131.22 -1.66 0.00	79.38 -1.10 0.00	79.86 -1.74 0.00	30.36 -0.70 0.00	95.62 -2.03 0.00	96.45 -2.17 0.00
ALLEGHENY___COGEN 23514	80.39 0.67 0.00	83.00 0.47 0.00	78.65 0.25 0.00	77.21 0.27 0.00	70.45 0.63 0.00	63.41 -0.06 0.00	76.63 -1.60 0.00	86.13 -3.73 0.00	85.73 -2.55 0.00	87.08 -2.91 0.00	103.03 -4.15 -0.70	113.38 -4.74 -0.41	101.89 -8.40 -0.82	88.95 -4.90 -2.00	42.52 -1.00 -4.40	91.58 -4.88 -1.38	118.93 -5.27 -0.66	421.46 -21.50 0.00	126.36 -6.52 0.00	77.80 -3.46 -0.78	79.87 -3.48 -1.76	43.82 0.47 -12.29	99.22 0.94 -0.63	99.49 0.69 -0.19
ALTAMONT_115KV_TB 2 55880	82.78 3.05 0.00	85.59 3.06 0.00	81.36 2.96 0.00	79.88 2.94 0.00	72.43 2.60 0.00	65.52 2.06 0.00	80.82 2.59 0.00	92.92 3.06 0.00	91.49 3.20 0.00	93.18 3.19 0.00	108.49 3.70 1.69	121.13 4.40 0.99	111.47 3.98 1.98	90.24 3.21 4.82	29.96 1.47 10.62	95.21 3.47 3.34	126.20 4.24 1.59	456.47 13.52 0.00	137.46 4.58 0.00	81.34 2.73 1.87	80.48 3.12 4.24	109.58 1.26 -77.26	108.25 4.09 -6.50	104.79 4.16 -2.02
ALTONA_WT_PWR 323606	79.61 -0.12 0.00	82.49 -0.04 0.00	78.15 -0.25 0.00	76.69 -0.25 0.00	69.74 -0.08 0.00	63.39 -0.08 0.00	78.11 -0.12 0.00	89.57 -0.29 0.00	87.49 -0.80 0.00	89.16 -0.83 0.00	105.55 -0.93 0.00	116.43 -1.28 0.00	108.37 -1.09 0.00	90.51 -1.35 0.00	38.53 -0.59 0.00	93.68 -1.39 0.00	122.06 -1.49 0.00	438.18 -4.78 0.00	130.63 -2.25 0.00	78.86 -1.62 0.00	79.39 -2.20 0.00	30.21 -0.85 0.00	94.88 -2.77 0.00	95.44 -3.17 0.00
AMERICAN_REF_FUEL 24010	71.82 -7.91 0.00	74.57 -7.95 0.00	70.70 -7.70 0.00	69.26 -7.68 0.00	63.18 -6.64 0.00	58.14 -5.33 0.00	70.75 -7.48 0.00	79.61 -10.24 0.00	77.98 -10.30 0.00	79.32 -10.67 0.00	93.36 -13.74 -0.62	103.56 -14.52 -0.36	96.73 -13.46 -0.73	83.46 -10.16 -1.77	38.23 -4.78 -3.90	85.73 -10.56 -1.23	110.18 -13.95 -0.58	396.50 -46.46 0.00	118.39 -14.48 0.00	71.68 -9.49 -0.69	73.57 -9.58 -1.56	37.69 -4.29 -10.92	86.41 -11.80 -0.55	88.13 -10.65 -0.17
ARKWRIGHT___SUMMIT_WT_PWR 323751	76.99 -2.74 0.00	79.74 -2.79 0.00	75.56 -2.84 0.00	74.04 -2.91 0.00	67.52 -2.31 0.00	62.27 -1.20 0.00	76.03 -2.20 0.00	86.25 -3.61 0.00	84.96 -3.32 0.00	86.57 -3.42 0.00	102.17 -5.01 -0.70	113.17 -4.95 -0.41	105.34 -4.94 -0.81	90.89 -2.94 -1.98	41.72 -1.76 -4.37	92.88 -3.57 -1.37	119.56 -4.64 -0.65	428.96 -13.99 0.00	128.10 -4.78 0.00	77.24 -4.01 -0.77	79.75 -3.59 -1.74	41.38 -1.88 -12.20	93.37 -4.90 -0.62	94.17 -4.64 -0.19
ARTHUR KILL_GT_1 23520	86.62 6.07 -0.82	88.48 5.95 0.00	83.74 5.34 0.00	82.18 5.23 0.00	74.64 4.81 0.00	76.84 4.29 -9.08	85.25 5.45 -1.57	105.19 6.93 -8.40	244.21 7.62 -148.31	128.38 8.07 -30.33	153.09 11.06 -35.55	130.90 11.92 -1.26	127.05 11.13 -6.45	136.95 9.30 -35.81	130.03 4.00 -86.92	125.64 9.64 -20.93	140.75 11.60 -5.61	478.78 38.77 2.95	138.27 12.63 7.23	93.79 8.12 -5.19	106.35 8.57 -16.18	163.20 3.33 -128.81	112.30 10.41 -4.24	109.33 9.72 -1.00
ARTHUR_KILL_2 23512	86.33 5.78 -0.82	88.20 5.66 0.00	83.48 5.08 0.00	81.93 4.99 0.00	74.42 4.59 0.00	76.61 4.07 -9.08	84.95 5.14 -1.57	104.85 6.60 -8.40	243.86 7.26 -148.31	128.03 7.71 -30.33	152.70 10.67 -35.55	130.48 11.50 -1.26	126.65 10.74 -6.45	136.64 8.98 -35.81	129.90 3.86 -86.92	125.30 9.30 -20.93	140.27 11.12 -5.61	477.18 37.17 2.95	137.82 12.17 7.23	93.50 7.83 -5.19	106.05 8.27 -16.18	163.08 3.21 -128.81	111.97 10.08 -4.24	109.01 9.40 -1.00
ARTHUR_KILL_3 23513	85.32 4.77 -0.82	87.15 4.62 0.00	82.76 4.37 0.00	81.33 4.38 0.00	73.81 3.99 0.00	75.95 3.39 -9.09	84.41 4.60 -1.58	104.64 5.95 -8.83	250.92 6.64 -156.00	130.41 7.32 -33.11	161.23 9.70 -45.05	137.27 10.76 -8.80	96.50 9.93 22.89	87.15 8.40 13.10	134.91 3.58 -92.21	133.27 8.59 -29.61	148.12 10.45 -14.12	476.12 33.17 0.00	143.47 10.59 0.00	105.82 6.84 -18.50	130.38 7.33 -41.45	166.45 2.88 -132.51	110.91 9.02 -4.24	108.13 8.52 -1.00

ARTHUR_KILL_COGEN 323718	86.62 6.07 -0.82	88.48 5.95 0.00	83.74 5.34 0.00	82.18 5.23 0.00	74.64 4.81 0.00	76.84 4.29 -9.08	85.25 5.45 -1.57	105.19 6.93 -8.40	244.21 7.62 -148.31	128.38 8.07 -30.33	153.09 11.06 -35.55	130.90 11.92 -1.26	127.05 11.13 -6.45	136.95 9.30 -35.81	130.03 4.00 -86.92	125.64 9.64 -20.93	140.75 11.60 -5.61	478.78 38.77 2.95	138.27 12.63 7.23	93.79 8.12 -5.19	106.35 8.57 -16.18	163.20 3.33 -128.81	112.30 10.41 -4.24	109.33 9.72 -1.00
ASHOKAN____ 23654	88.33 8.60 0.00	91.06 8.53 0.00	86.43 8.03 0.00	84.91 7.96 0.00	77.14 7.31 0.00	70.18 6.72 0.00	87.14 8.91 0.00	100.37 10.52 0.00	99.33 11.04 0.00	101.45 11.46 0.00	125.54 14.24 -4.81	136.42 15.89 -2.82	129.66 14.56 -5.63	116.87 11.28 -13.74	74.36 4.97 -30.27	115.99 11.41 -9.51	143.69 15.62 -4.52	499.60 56.64 0.00	150.59 17.72 0.00	96.56 10.74 -5.34	104.94 11.26 -12.08	116.80 4.15 -81.59	115.42 12.23 -5.54	112.18 11.94 -1.63
ASTORIA_EAST_ENERGY_CC1 323581	84.78 5.06 0.01	87.46 4.94 0.01	82.93 4.54 0.01	81.46 4.52 0.00	73.95 4.13 0.01	67.00 3.54 0.01	82.94 4.71 0.01	96.08 6.23 0.00	95.21 6.93 0.00	97.56 7.56 0.00	131.69 10.17 -15.04	138.12 11.60 -8.80	137.65 10.59 -17.60	143.69 8.91 -42.93	137.43 3.75 -94.56	133.73 8.94 -29.72	148.72 11.05 -14.12	478.56 35.60 0.00	144.41 11.53 0.00	104.41 7.25 -16.68	127.08 7.74 -37.74	125.46 3.00 -91.39	111.21 9.64 -3.92	108.78 9.17 -1.00
ASTORIA_EAST_ENERGY_CC2 323582	84.79 5.06 0.01	87.46 4.94 0.01	82.93 4.54 0.01	81.46 4.53 0.00	73.96 4.13 0.01	67.00 3.54 0.01	82.94 4.71 0.01	96.08 6.23 0.00	95.21 6.93 0.00	97.56 7.56 0.00	131.72 10.20 -15.04	138.14 11.62 -8.80	137.65 10.59 -17.60	143.70 8.92 -42.93	137.44 3.76 -94.56	133.76 8.97 -29.72	148.72 11.05 -14.12	478.55 35.59 0.00	144.42 11.54 0.00	104.41 7.25 -16.68	127.08 7.74 -37.74	125.46 3.00 -91.39	111.21 9.64 -3.92	108.78 9.17 -1.00
ASTORIA_GT2_1 24094	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT2_2 24095	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT2_3 24096	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT2_4 24097	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT3_1 24098	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT3_2 24099	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT3_3 24100	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT3_4 24101	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT4_1 24102	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT4_2 24103	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT4_3 24104	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00

ASTORIA_GT4_4 24105	84.82 5.09 0.01	87.51 4.99 0.01	82.97 4.58 0.01	81.51 4.57 0.00	73.99 4.17 0.01	67.05 3.59 0.01	82.99 4.76 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.24 -15.04	138.15 11.63 -8.80	137.66 10.60 -17.60	143.69 8.91 -42.93	137.47 3.79 -94.56	133.81 9.02 -29.72	148.74 11.07 -14.13	478.52 35.56 0.00	144.45 11.57 0.00	104.44 7.28 -16.68	127.09 7.75 -37.74	125.46 3.01 -91.39	111.21 9.65 -3.92	108.82 9.21 -1.00
ASTORIA_GT_1 23523	84.96 5.24 0.01	87.63 5.11 0.01	83.09 4.70 0.01	81.63 4.69 0.00	74.12 4.29 0.01	67.15 3.69 0.01	83.13 4.91 0.01	96.31 6.46 0.00	95.47 7.18 0.00	97.80 7.81 0.00	131.99 10.47 -15.04	138.47 11.95 -8.80	137.96 10.90 -17.60	143.96 9.18 -42.93	137.54 3.85 -94.56	134.00 9.21 -29.72	149.07 11.40 -14.12	479.83 36.87 0.00	144.78 11.90 0.00	104.61 7.45 -16.68	127.27 7.94 -37.74	125.54 3.09 -91.39	111.44 9.87 -3.92	109.01 9.40 -1.00
ASTORIA_GT_10 24110	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.86 4.92 0.00	74.32 4.49 0.00	67.36 3.89 0.00	83.47 5.24 0.00	96.60 6.75 0.00	95.72 7.43 0.00	98.07 8.08 0.00	132.30 10.79 -15.04	138.56 12.04 -8.80	138.34 11.27 -17.60	144.56 9.49 -43.22	137.88 4.05 -94.71	134.48 9.69 -29.72	149.37 11.70 -14.13	480.77 37.81 0.00	144.99 12.11 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.67 10.10 -3.92	109.17 9.56 -1.00
ASTORIA_GT_11 24225	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.86 4.92 0.00	74.32 4.49 0.00	67.36 3.89 0.00	83.47 5.24 0.00	96.60 6.75 0.00	95.72 7.43 0.00	98.07 8.08 0.00	132.30 10.79 -15.04	138.56 12.04 -8.80	138.34 11.27 -17.60	144.56 9.49 -43.22	137.88 4.05 -94.71	134.48 9.69 -29.72	149.37 11.70 -14.13	480.77 37.81 0.00	144.99 12.11 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.67 10.10 -3.92	109.17 9.56 -1.00
ASTORIA_GT_12 24226	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.86 4.92 0.00	74.32 4.49 0.00	67.36 3.89 0.00	83.47 5.24 0.00	96.60 6.75 0.00	95.72 7.43 0.00	98.07 8.08 0.00	132.30 10.79 -15.04	138.56 12.04 -8.80	138.34 11.27 -17.60	144.56 9.49 -43.22	137.88 4.05 -94.71	134.48 9.69 -29.72	149.37 11.70 -14.13	480.77 37.81 0.00	144.99 12.11 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.67 10.10 -3.92	109.17 9.56 -1.00
ASTORIA_GT_13 24227	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.86 4.92 0.00	74.32 4.49 0.00	67.36 3.89 0.00	83.47 5.24 0.00	96.60 6.75 0.00	95.72 7.43 0.00	98.07 8.08 0.00	132.30 10.79 -15.04	138.56 12.04 -8.80	138.34 11.27 -17.60	144.56 9.49 -43.22	137.88 4.05 -94.71	134.48 9.69 -29.72	149.37 11.70 -14.13	480.77 37.81 0.00	144.99 12.11 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.67 10.10 -3.92	109.17 9.56 -1.00
ASTORIA_GT_5 24106	84.97 5.25 0.01	87.63 5.10 0.01	83.09 4.70 0.01	81.64 4.70 0.00	74.11 4.29 0.01	67.16 3.70 0.01	83.14 4.92 0.01	96.31 6.46 0.00	95.47 7.18 0.00	97.81 7.82 0.00	131.99 10.47 -15.04	138.44 11.92 -8.80	137.92 10.86 -17.60	143.93 9.15 -42.93	137.55 3.87 -94.56	134.03 9.24 -29.72	149.02 11.35 -14.13	479.59 36.63 0.00	144.80 11.92 0.00	104.62 7.46 -16.68	127.27 7.93 -37.74	125.53 3.08 -91.39	111.42 9.85 -3.92	109.01 9.40 -1.00
ASTORIA_GT_7 24107	84.97 5.25 0.01	87.63 5.10 0.01	83.09 4.70 0.01	81.64 4.70 0.00	74.11 4.29 0.01	67.16 3.70 0.01	83.14 4.92 0.01	96.31 6.46 0.00	95.47 7.18 0.00	97.81 7.82 0.00	131.99 10.47 -15.04	138.44 11.92 -8.80	137.92 10.86 -17.60	143.93 9.15 -42.93	137.55 3.87 -94.56	134.03 9.24 -29.72	149.02 11.35 -14.13	479.59 36.63 0.00	144.80 11.92 0.00	104.62 7.46 -16.68	127.27 7.93 -37.74	125.53 3.08 -91.39	111.42 9.85 -3.92	109.01 9.40 -1.00
ASTORIA_GT_8 24108	84.97 5.25 0.01	87.63 5.10 0.01	83.09 4.70 0.01	81.64 4.70 0.00	74.11 4.29 0.01	67.16 3.70 0.01	83.14 4.92 0.01	96.31 6.46 0.00	95.47 7.18 0.00	97.81 7.82 0.00	131.99 10.47 -15.04	138.44 11.92 -8.80	137.92 10.86 -17.60	143.93 9.15 -42.93	137.55 3.87 -94.56	134.03 9.24 -29.72	149.02 11.35 -14.13	479.59 36.63 0.00	144.80 11.92 0.00	104.62 7.46 -16.68	127.27 7.93 -37.74	125.53 3.08 -91.39	111.42 9.85 -3.92	109.01 9.40 -1.00
ASTORIA___2 24149	84.81 5.09 0.01	87.50 4.98 0.01	82.97 4.58 0.01	81.51 4.56 0.00	73.98 4.16 0.01	67.05 3.59 0.01	82.97 4.75 0.01	96.13 6.28 0.00	95.27 6.99 0.00	97.62 7.63 0.00	131.75 10.22 -15.04	138.18 11.66 -8.80	137.66 10.60 -17.60	143.72 8.94 -42.93	137.45 3.76 -94.56	133.80 9.01 -29.72	148.76 11.09 -14.12	478.84 35.88 0.00	144.45 11.57 0.00	104.43 7.27 -16.68	127.09 7.75 -37.74	125.48 3.02 -91.39	111.24 9.67 -3.92	108.82 9.21 -1.00
ASTORIA___3 23516	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.85 4.91 0.00	74.32 4.49 0.00	67.36 3.89 0.00	83.45 5.23 0.00	96.60 6.75 0.00	95.71 7.43 0.00	98.06 8.07 0.00	132.31 10.79 -15.04	138.58 12.06 -8.80	138.35 11.29 -17.60	144.56 9.49 -43.22	137.87 4.04 -94.71	134.47 9.68 -29.72	149.40 11.73 -14.13	480.83 37.87 0.00	144.99 12.11 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.66 10.10 -3.92	109.18 9.57 -1.00
ASTORIA___4 23517	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.86 4.92 0.00	74.32 4.49 0.00	67.36 3.89 0.00	83.47 5.24 0.00	96.60 6.75 0.00	95.72 7.43 0.00	98.07 8.08 0.00	132.30 10.79 -15.04	138.56 12.04 -8.80	138.34 11.27 -17.60	144.56 9.49 -43.22	137.88 4.05 -94.71	134.48 9.69 -29.72	149.37 11.70 -14.13	480.77 37.81 0.00	144.99 12.11 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.67 10.10 -3.92	109.17 9.56 -1.00
ASTORIA___5 23518	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.85 4.91 0.00	74.32 4.49 0.00	67.36 3.90 0.00	83.45 5.23 0.00	96.60 6.75 0.00	95.71 7.43 0.00	98.06 8.07 0.00	132.31 10.79 -15.04	138.58 12.06 -8.80	138.35 11.29 -17.60	144.56 9.49 -43.22	137.87 4.04 -94.71	134.47 9.68 -29.72	149.40 11.73 -14.13	480.83 37.87 0.00	145.00 12.12 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.66 10.10 -3.92	109.18 9.57 -1.00
AST_ENERGY_2_CC3 323677	84.71 4.98 0.00	87.41 4.88 0.00	83.01 4.61 0.00	81.55 4.61 0.00	74.01 4.19 0.00	67.00 3.53 0.00	82.91 4.68 0.00	95.98 6.12 0.00	95.08 6.79 0.00	97.49 7.50 0.00	131.57 10.06 -15.03	137.72 11.21 -8.80	137.66 10.61 -17.59	143.60 8.84 -42.91	137.44 3.79 -94.54	133.84 9.06 -29.71	148.52 10.86 -14.12	477.58 34.63 0.00	144.00 11.12 0.00	104.31 7.16 -16.67	126.83 7.51 -37.72	125.41 2.98 -91.38	110.95 9.39 -3.91	108.46 8.85 -1.00
AST_ENERGY_2_CC4 323678	84.71 4.98 0.00	87.41 4.88 0.00	83.01 4.61 0.00	81.55 4.61 0.00	74.01 4.19 0.00	67.00 3.53 0.00	82.91 4.68 0.00	95.98 6.12 0.00	95.08 6.79 0.00	97.49 7.50 0.00	131.57 10.06 -15.03	137.72 11.21 -8.80	137.66 10.61 -17.59	143.60 8.84 -42.91	137.44 3.79 -94.54	133.84 9.06 -29.71	148.52 10.86 -14.12	477.58 34.63 0.00	144.00 11.12 0.00	104.31 7.16 -16.67	126.83 7.51 -37.72	125.41 2.98 -91.38	110.95 9.39 -3.91	108.46 8.85 -1.00

ATHENS_STG_1 23668	83.25 3.52 0.00	86.08 3.55 0.00	81.75 3.35 0.00	80.29 3.34 0.00	72.74 2.92 0.00	65.80 2.33 0.00	81.31 3.08 0.00	93.63 3.77 0.00	92.36 4.07 0.00	94.21 4.22 0.00	134.44 5.30 -22.65	137.16 6.18 -13.26	141.69 5.72 -26.51	161.32 4.79 -64.68	183.67 2.06 -142.50	144.74 4.89 -44.78	150.74 5.91 -21.28	461.53 18.58 0.00	138.99 6.11 0.00	109.47 3.87 -25.12	142.75 4.29 -56.86	149.70 1.68 -116.96	107.34 5.27 -4.42	104.89 5.23 -1.05
ATHENS_STG_2 23670	83.25 3.52 0.00	86.08 3.55 0.00	81.75 3.35 0.00	80.29 3.34 0.00	72.74 2.92 0.00	65.80 2.33 0.00	81.31 3.08 0.00	93.63 3.77 0.00	92.36 4.07 0.00	94.21 4.22 0.00	134.44 5.30 -22.65	137.16 6.18 -13.26	141.69 5.72 -26.51	161.32 4.79 -64.68	183.67 2.06 -142.50	144.74 4.89 -44.78	150.74 5.91 -21.28	461.53 18.58 0.00	138.99 6.11 0.00	109.47 3.87 -25.12	142.75 4.29 -56.86	149.70 1.68 -116.96	107.34 5.27 -4.42	104.89 5.23 -1.05
ATHENS_STG_3 23677	83.25 3.52 0.00	86.08 3.55 0.00	81.75 3.35 0.00	80.29 3.34 0.00	72.74 2.92 0.00	65.80 2.33 0.00	81.31 3.08 0.00	93.63 3.77 0.00	92.36 4.07 0.00	94.21 4.22 0.00	134.44 5.30 -22.65	137.16 6.18 -13.26	141.69 5.72 -26.51	161.32 4.79 -64.68	183.67 2.06 -142.50	144.74 4.89 -44.78	150.74 5.91 -21.28	461.53 18.58 0.00	138.99 6.11 0.00	109.47 3.87 -25.12	142.75 4.29 -56.86	149.70 1.68 -116.96	107.34 5.27 -4.42	104.89 5.23 -1.05
AUBURN___LFGE 323710	79.42 -0.31 0.00	82.16 -0.37 0.00	77.80 -0.60 0.00	76.55 -0.39 0.00	69.65 -0.17 0.00	63.57 0.10 0.00	79.62 1.39 0.00	91.65 1.80 0.00	90.65 2.37 0.00	91.92 1.93 0.00	109.03 2.03 -0.51	120.78 2.77 -0.30	112.29 2.23 -0.60	95.88 2.57 -1.46	43.33 1.01 -3.21	98.51 2.43 -1.01	127.70 3.67 -0.48	457.77 14.81 0.00	137.09 4.21 0.00	82.93 1.88 -0.57	85.11 2.23 -1.28	40.67 0.55 -9.06	100.07 1.96 -0.46	100.52 1.77 -0.14
BABYLON_RES_REC 323704	86.35 6.62 0.00	88.97 6.45 0.00	84.27 5.87 0.00	82.64 5.70 0.00	75.22 5.40 0.00	68.14 4.68 0.00	84.89 6.66 0.00	98.14 8.29 0.00	97.74 9.46 0.00	100.26 10.27 0.00	137.82 13.33 -18.01	145.69 14.95 -13.02	148.07 14.02 -24.59	157.95 11.89 -54.21	148.55 5.04 -104.39	144.84 12.10 -37.67	152.32 14.98 -13.79	489.12 44.97 -1.19	205.80 16.01 -56.92	285.82 9.96 -195.37	229.52 10.25 -137.67	253.35 4.03 -218.26	114.65 12.61 -4.38	111.47 11.85 -1.00
BABYLON__69_KV_BK2 356345	87.33 7.61 0.00	89.95 7.42 0.00	85.14 6.75 0.00	83.47 6.53 0.00	76.02 6.19 0.00	68.91 5.45 0.00	85.90 7.67 0.00	99.28 9.43 0.00	98.99 10.70 0.00	101.54 11.55 0.00	139.34 14.85 -18.01	147.38 16.64 -13.02	149.67 15.61 -24.59	159.40 13.34 -54.21	149.15 5.64 -104.39	146.27 13.53 -37.67	154.22 16.92 -13.75	495.61 51.61 -1.05	207.94 18.15 -56.92	287.10 11.24 -195.37	230.78 11.51 -137.67	253.81 4.49 -218.26	116.09 14.06 -4.38	112.85 13.24 -1.00
BALL_HILL_WT_PWR 323825	75.56 -4.17 0.00	78.29 -4.24 0.00	74.20 -4.20 0.00	72.69 -4.25 0.00	66.30 -3.52 0.00	61.10 -2.37 0.00	74.66 -3.57 0.00	84.46 -5.40 0.00	82.99 -5.30 0.00	84.50 -5.49 0.00	99.69 -7.46 -0.67	110.48 -7.63 -0.39	102.94 -7.30 -0.78	88.86 -4.90 -1.91	40.78 -2.53 -4.20	90.97 -5.42 -1.32	117.06 -7.11 -0.63	420.43 -22.53 0.00	125.56 -7.32 0.00	75.83 -5.39 -0.74	78.09 -5.18 -1.68	40.31 -2.49 -11.74	91.56 -6.69 -0.60	92.73 -6.07 -0.18
BARON_WINDS___WT_PWR 323822	77.35 -2.38 0.00	80.04 -2.49 0.00	76.02 -2.38 0.00	74.53 -2.41 0.00	67.91 -1.92 0.00	62.21 -1.26 0.00	76.54 -1.69 0.00	87.38 -2.48 0.00	86.28 -2.01 0.00	87.76 -2.23 0.00	104.40 -2.99 -0.91	115.10 -3.15 -0.53	107.22 -3.30 -1.06	92.94 -1.50 -2.59	43.79 -1.03 -5.70	94.67 -2.20 -1.79	121.56 -2.84 -0.85	432.95 -10.01 0.00	129.32 -3.56 0.00	78.83 -2.65 -1.01	81.36 -2.51 -2.28	45.67 -1.21 -15.82	95.30 -3.17 -0.82	95.47 -3.39 -0.25
BARRETT_IC_1 23704	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_10 23701	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	124.02 12.32 11.85	386.14 35.94 92.75	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_11 23702	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	124.02 12.32 11.85	386.14 35.94 92.75	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_12 23703	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	124.02 12.32 11.85	386.14 35.94 92.75	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_2 23705	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_3 23706	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_4 23707	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00

BARRETT_IC_5 23708	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_6 23709	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_7 23710	85.43 5.70 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.04 5.09 0.00	74.66 4.83 0.00	67.52 4.06 0.00	83.84 5.61 0.00	96.84 6.98 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.91 11.42 -18.01	143.46 12.72 -13.02	145.84 11.78 -24.59	156.01 9.95 -54.21	147.81 4.30 -104.39	142.99 10.25 -37.67	153.00 12.41 -17.04	487.44 36.40 -8.08	202.69 12.90 -56.92	284.25 8.39 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.17 11.14 -4.38	110.17 10.55 -1.00
BARRETT_IC_8 23711	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT_IC_9 23700	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	124.02 12.32 11.85	386.14 35.94 92.75	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT___1 23545	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	152.91 12.32 -17.04	486.97 35.94 -8.08	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BARRETT___2 23546	85.42 5.69 0.00	88.19 5.66 0.00	83.56 5.16 0.00	82.05 5.10 0.00	74.65 4.83 0.00	67.52 4.05 0.00	83.84 5.61 0.00	96.84 6.99 0.00	96.26 7.98 0.00	98.72 8.73 0.00	135.92 11.43 -18.01	143.47 12.73 -13.02	145.85 11.80 -24.59	156.00 9.94 -54.21	147.80 4.29 -104.39	142.98 10.23 -37.67	124.02 12.32 11.85	386.14 35.94 92.75	202.69 12.90 -56.92	284.25 8.40 -195.37	228.22 8.95 -137.67	252.86 3.54 -218.26	113.18 11.14 -4.38	110.18 10.57 -1.00
BATAVIA__115KV_TB1 55881	75.62 -4.11 0.00	78.42 -4.11 0.00	74.33 -4.06 0.00	72.87 -4.07 0.00	66.48 -3.35 0.00	61.30 -2.16 0.00	75.25 -2.98 0.00	85.34 -4.52 0.00	83.86 -4.43 0.00	85.33 -4.66 0.00	100.64 -6.40 -0.57	111.61 -6.44 -0.33	104.13 -6.00 -0.66	89.35 -4.11 -1.62	40.49 -2.19 -3.56	91.78 -4.41 -1.12	118.50 -5.57 -0.53	427.14 -15.82 0.00	127.56 -5.31 0.00	77.11 -4.00 -0.63	78.99 -4.03 -1.42	38.90 -2.16 -10.00	92.51 -5.64 -0.50	93.76 -5.01 -0.15
BAYONEEC___CTG1 323682	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG10 323750	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG2 323683	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG3 323684	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG4 323685	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG5 323686	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG6 323687	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00

BAYONEEC___CTG7 323688	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG8 323689	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BAYONEEC___CTG9 323749	84.85 5.12 0.00	87.52 4.99 0.00	83.09 4.70 0.00	81.65 4.71 0.00	74.10 4.27 0.00	67.12 3.65 0.00	83.13 4.91 0.00	96.19 6.34 0.00	95.28 7.00 0.00	97.67 7.68 0.00	131.71 10.20 -15.03	137.84 11.33 -8.80	137.63 10.57 -17.59	143.68 8.91 -42.91	137.44 3.78 -94.54	133.82 9.05 -29.71	148.65 10.98 -14.12	478.22 35.27 0.00	144.15 11.27 0.00	104.37 7.22 -16.67	127.00 7.68 -37.72	125.44 3.00 -91.38	111.09 9.53 -3.91	108.62 9.01 -1.00
BEACON___LESR 323632	84.31 4.59 0.00	87.08 4.55 0.00	82.76 4.37 0.00	81.29 4.34 0.00	73.70 3.88 0.00	66.71 3.24 0.00	82.00 3.77 0.00	94.13 4.28 0.00	92.77 4.48 0.00	94.47 4.48 0.00	110.25 4.91 1.15	122.99 5.95 0.67	113.49 5.36 1.34	92.91 4.34 3.27	33.84 1.94 7.21	97.45 4.64 2.27	128.53 6.06 1.08	463.08 20.12 0.00	139.72 6.85 0.00	82.84 3.63 1.27	82.94 4.22 2.88	113.98 1.72 -81.20	111.29 6.01 -7.62	107.11 6.20 -2.30
BEAVER RIVER___HYD 24048	80.34 0.62 0.00	83.38 0.84 0.00	78.99 0.59 0.00	77.56 0.62 0.00	70.53 0.70 0.00	64.35 0.88 0.00	80.32 2.09 0.00	92.62 2.77 0.00	90.99 2.70 0.00	92.65 2.66 0.00	109.27 2.79 0.00	120.73 3.01 0.00	111.34 1.87 0.00	93.34 1.49 0.00	39.48 0.37 0.00	96.40 1.33 0.00	126.81 3.27 0.00	456.73 13.77 0.00	136.12 3.25 0.00	82.33 1.84 0.00	82.79 1.19 0.00	33.13 0.17 -1.90	97.46 -0.19 0.00	98.02 -0.60 -0.01
BEEBEE_GT_13 23619	75.99 -3.74 0.00	78.68 -3.85 0.00	74.65 -3.75 0.00	73.24 -3.70 0.00	66.73 -3.10 0.00	61.23 -2.24 0.00	75.44 -2.79 0.00	86.00 -3.85 0.00	84.55 -3.74 0.00	86.05 -3.94 0.00	101.74 -5.23 -0.48	112.61 -5.39 -0.28	104.92 -5.11 -0.57	89.75 -3.48 -1.38	40.43 -1.72 -3.03	92.33 -3.69 -0.95	119.23 -4.77 -0.45	428.53 -14.43 0.00	128.08 -4.80 0.00	77.57 -3.45 -0.54	79.39 -3.42 -1.21	37.00 -1.66 -7.60	93.02 -4.66 -0.03	94.32 -4.32 -0.03
BENSHRST_27_KV_BENSHRST_1 355998	87.12 6.57 -0.82	88.99 6.46 0.00	84.34 5.94 0.00	82.79 5.84 0.00	75.16 5.34 0.00	77.24 4.69 -9.08	86.00 6.20 -1.57	106.12 7.86 -8.40	245.14 8.55 -148.31	142.60 9.17 -43.45	288.30 12.27 -169.55	221.56 13.50 -90.34	256.02 12.60 -133.95	223.12 10.64 -120.62	219.79 4.54 -176.14	227.47 10.89 -121.51	239.82 13.21 -103.06	526.69 43.81 -39.92	238.09 14.03 -91.19	293.90 8.94 -204.48	543.15 9.46 -452.09	227.40 3.64 -192.70	113.31 11.42 -4.24	110.38 10.77 -1.00
BETHLEHEM___GRP 23843	83.00 3.28 0.00	85.75 3.23 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.10 2.24 0.00	90.71 2.42 0.00	92.38 2.39 0.00	107.59 2.33 1.22	119.93 2.93 0.71	110.70 2.67 1.43	90.41 2.04 3.48	32.50 1.06 7.67	94.88 2.22 2.41	125.00 2.60 1.15	450.22 7.26 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
BETHLEHEM___GS1 323560	83.01 3.28 0.00	85.75 3.22 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.09 2.24 0.00	90.71 2.43 0.00	92.38 2.39 0.00	107.60 2.34 1.22	119.94 2.94 0.71	110.72 2.69 1.43	90.39 2.02 3.48	32.49 1.05 7.67	94.89 2.23 2.41	125.00 2.60 1.15	450.02 7.06 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
BETHLEHEM___GS2 323561	83.01 3.28 0.00	85.75 3.22 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.09 2.24 0.00	90.71 2.43 0.00	92.38 2.39 0.00	107.60 2.34 1.22	119.94 2.94 0.71	110.72 2.69 1.43	90.39 2.02 3.48	32.49 1.05 7.67	94.89 2.23 2.41	125.00 2.60 1.15	450.02 7.06 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
BETHLEHEM___GS3 323562	83.01 3.28 0.00	85.75 3.22 0.00	81.53 3.13 0.00	80.07 3.13 0.00	72.56 2.73 0.00	65.36 1.89 0.00	80.29 2.06 0.00	92.09 2.24 0.00	90.71 2.43 0.00	92.38 2.39 0.00	107.60 2.34 1.22	119.94 2.94 0.71	110.72 2.69 1.43	90.39 2.02 3.48	32.49 1.05 7.67	94.89 2.23 2.41	125.00 2.60 1.15	450.02 7.06 0.00	136.00 3.13 0.00	80.55 1.42 1.35	80.41 1.88 3.06	113.01 0.91 -81.04	108.94 3.70 -7.60	104.81 3.91 -2.29
BETHLEHEM___STEEL 23779	75.08 -4.65 0.00	77.82 -4.71 0.00	73.74 -4.65 0.00	72.26 -4.68 0.00	65.89 -3.94 0.00	60.70 -2.76 0.00	74.20 -4.03 0.00	83.83 -6.03 0.00	82.27 -6.01 0.00	83.72 -6.27 0.00	98.82 -8.33 -0.67	109.51 -8.60 -0.39	102.15 -8.09 -0.78	88.24 -5.51 -1.90	40.50 -2.81 -4.19	90.42 -5.97 -1.32	116.29 -7.88 -0.63	417.94 -25.01 0.00	124.80 -8.08 0.00	75.52 -5.70 -0.74	77.63 -5.64 -1.67	40.08 -2.71 -11.72	91.08 -7.17 -0.60	92.42 -6.38 -0.18
BETHLHEM_115KV_TB1 79974	82.95 3.22 0.00	85.72 3.19 0.00	81.51 3.11 0.00	80.04 3.10 0.00	72.51 2.68 0.00	65.37 1.90 0.00	80.38 2.15 0.00	92.26 2.40 0.00	90.86 2.57 0.00	92.52 2.53 0.00	107.78 2.60 1.30	120.18 3.23 0.76	110.86 2.92 1.52	90.43 2.29 3.72	32.07 1.14 8.19	94.97 2.47 2.57	125.24 2.91 1.22	451.45 8.49 0.00	136.25 3.37 0.00	80.71 1.67 1.44	80.44 2.11 3.27	112.17 0.98 -80.13	108.74 3.77 -7.32	104.75 3.92 -2.22
BETHPAGE_CC_5 323564	85.75 6.03 0.00	88.39 5.87 0.00	83.75 5.35 0.00	82.17 5.23 0.00	74.77 4.94 0.00	67.65 4.19 0.00	84.14 5.91 0.00	97.29 7.43 0.00	96.81 8.52 0.00	99.28 9.29 0.00	136.54 12.05 -18.01	144.29 13.55 -13.02	146.67 12.61 -24.59	156.81 10.75 -54.21	148.07 4.55 -104.39	143.65 10.91 -37.67	150.91 13.43 -13.93	484.81 40.22 -1.63	204.16 14.37 -56.92	284.91 9.05 -195.37	228.61 9.34 -137.67	253.03 3.71 -218.26	113.68 11.64 -4.38	110.58 10.97 -1.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	75.54 -4.19 0.00	78.27 -4.26 0.00	74.15 -4.25 0.00	72.68 -4.27 0.00	66.27 -3.56 0.00	61.07 -2.40 0.00	74.68 -3.55 0.00	84.38 -5.47 0.00	82.86 -5.43 0.00	84.32 -5.67 0.00	99.57 -7.58 -0.68	110.35 -7.77 -0.40	102.96 -7.30 -0.79	88.93 -4.85 -1.93	40.85 -2.53 -4.25	91.08 -5.33 -1.34	117.16 -7.03 -0.64	420.87 -22.09 0.00	125.69 -7.19 0.00	76.05 -5.18 -0.75	78.20 -5.09 -1.70	40.45 -2.50 -11.89	91.74 -6.52 -0.61	93.03 -5.77 -0.19

BINGHAMTON___COGEN 23790	79.49 -0.24 0.00	82.25 -0.28 0.00	78.14 -0.25 0.00	76.67 -0.27 0.00	69.68 -0.15 0.00	63.44 -0.03 0.00	78.46 0.23 0.00	90.15 0.29 0.00	89.01 0.72 0.00	90.65 0.66 0.00	108.75 0.94 -1.33	119.59 1.09 -0.78	111.83 0.82 -1.55	96.94 1.31 -3.78	47.76 0.30 -8.34	98.61 0.92 -2.62	125.98 1.19 -1.25	446.64 3.68 0.00	133.78 0.90 0.00	82.30 0.35 -1.47	85.52 0.60 -3.33	54.28 0.10 -23.11	99.51 0.60 -1.26	99.43 0.43 -0.38
BIXINCNT_115KV_LOAD 355685	77.45 -2.27 0.00	80.25 -2.28 0.00	76.03 -2.37 0.00	74.53 -2.42 0.00	67.99 -1.84 0.00	62.66 -0.80 0.00	76.69 -1.54 0.00	86.78 -3.07 0.00	85.42 -2.87 0.00	87.00 -2.99 0.00	102.88 -4.33 -0.72	114.11 -4.03 -0.42	106.53 -3.77 -0.84	92.08 -1.83 -2.06	42.37 -1.28 -4.53	94.09 -2.41 -1.42	120.77 -3.45 -0.68	433.09 -9.87 0.00	129.27 -3.61 0.00	78.27 -3.01 -0.80	80.64 -2.77 -1.81	42.16 -1.55 -12.65	94.69 -3.60 -0.65	95.62 -3.19 -0.20
BLACK RIVER___HYD 24047	81.18 1.46 0.00	84.22 1.69 0.00	79.70 1.30 0.00	78.31 1.37 0.00	71.16 1.33 0.00	65.03 1.57 0.00	81.54 3.31 0.00	94.22 4.37 0.00	92.68 4.39 0.00	94.23 4.24 0.00	110.96 4.48 0.00	122.47 4.75 0.00	112.43 2.96 0.00	94.55 2.70 0.00	39.97 0.85 0.00	97.71 2.64 0.00	129.06 5.51 0.00	465.32 22.36 0.00	138.81 5.93 0.00	83.93 3.45 0.00	84.34 2.74 0.00	34.32 0.65 -2.61	98.77 1.12 0.00	99.13 0.50 -0.01
BLACKRVR_115KV_TB2 79977	81.18 1.46 0.00	84.22 1.69 0.00	79.70 1.31 0.00	78.31 1.37 0.00	71.16 1.33 0.00	65.03 1.57 0.00	81.54 3.31 0.00	94.22 4.37 0.00	92.68 4.39 0.00	94.23 4.24 0.00	110.97 4.49 0.00	122.47 4.75 0.00	112.43 2.96 0.00	94.54 2.69 0.00	39.97 0.85 0.00	97.71 2.64 0.00	129.06 5.51 0.00	465.33 22.37 0.00	138.81 5.93 0.00	83.93 3.45 0.00	84.34 2.74 0.00	34.32 0.65 -2.61	98.77 1.12 0.00	99.13 0.50 -0.01
BLISS_WT_PWR 323608	77.58 -2.15 0.00	80.35 -2.18 0.00	76.15 -2.25 0.00	74.65 -2.29 0.00	68.12 -1.71 0.00	62.78 -0.69 0.00	76.87 -1.36 0.00	86.96 -2.89 0.00	85.60 -2.68 0.00	87.20 -2.79 0.00	103.07 -4.13 -0.72	114.37 -3.76 -0.42	106.78 -3.53 -0.84	92.29 -1.62 -2.06	42.50 -1.15 -4.53	94.30 -2.20 -1.42	121.01 -3.21 -0.68	434.21 -8.75 0.00	129.56 -3.32 0.00	78.42 -2.86 -0.80	80.77 -2.63 -1.81	42.22 -1.50 -12.65	94.73 -3.57 -0.65	95.70 -3.11 -0.20
BLUESTONE___WT_PWR 323821	83.62 3.89 0.00	86.74 4.21 0.00	82.32 3.92 0.00	81.43 4.48 0.00	74.31 4.48 0.00	67.75 4.29 0.00	84.41 6.18 0.00	97.21 7.35 0.00	95.78 7.49 0.00	97.38 7.39 0.00	116.45 8.54 -1.43	127.64 9.09 -0.84	119.26 8.12 -1.68	103.28 7.33 -4.09	50.90 2.77 -9.01	104.75 6.85 -2.83	133.07 8.17 -1.35	470.96 28.01 0.00	138.03 5.16 0.00	84.03 1.96 -1.59	87.30 2.11 -3.60	57.90 0.88 -25.95	102.08 2.61 -1.81	100.95 1.81 -0.53
BLUE_CIRC_CHEM_DRP 24182	83.31 3.58 0.00	86.12 3.59 0.00	81.90 3.50 0.00	80.44 3.50 0.00	72.91 3.08 0.00	65.88 2.41 0.00	81.11 2.87 0.00	93.02 3.17 0.00	91.51 3.22 0.00	93.11 3.12 0.00	109.13 3.35 0.70	121.23 3.92 0.41	112.11 3.46 0.82	92.67 2.80 1.99	36.03 1.30 4.39	96.82 3.12 1.38	126.78 3.89 0.66	454.92 11.96 0.00	137.06 4.19 0.00	82.05 2.34 0.77	82.60 2.75 1.75	109.66 1.16 -77.44	107.90 4.06 -6.19	104.77 4.25 -1.91
BOC_GAS_DRP 24189	82.55 2.82 0.00	85.38 2.85 0.00	81.13 2.73 0.00	79.68 2.73 0.00	72.20 2.37 0.00	65.27 1.81 0.00	80.44 2.21 0.00	92.40 2.55 0.00	91.01 2.72 0.00	92.72 2.73 0.00	107.90 3.17 1.75	120.51 3.83 1.03	110.90 3.49 2.05	89.69 2.85 5.00	29.40 1.30 11.02	94.58 2.98 3.46	125.42 3.52 1.65	453.46 10.50 0.00	136.60 3.72 0.00	80.72 2.19 1.94	79.80 2.60 4.40	107.21 1.08 -75.07	107.04 3.61 -5.78	104.18 3.74 -1.82
BOONVILLE_115KV_TB1 79983	81.84 2.11 0.00	84.80 2.27 0.00	80.47 2.07 0.00	79.03 2.09 0.00	71.82 1.99 0.00	65.44 1.98 0.00	81.28 3.05 0.00	93.62 3.76 0.00	92.23 3.94 0.00	93.95 3.96 0.00	111.09 4.61 0.00	122.78 5.06 0.00	113.78 4.31 0.00	95.52 3.67 0.00	40.47 1.35 0.00	98.60 3.53 0.00	128.90 5.35 0.00	462.72 19.76 0.00	138.39 5.51 0.00	83.71 3.22 0.00	84.65 3.05 0.00	33.73 0.98 -1.68	100.25 2.60 0.00	101.00 2.38 -0.01
BORALEX_4TH_BRANCH 23824	85.22 5.50 0.00	87.84 5.31 0.00	83.46 5.06 0.00	81.98 5.04 0.00	74.43 4.60 0.00	67.64 4.18 0.00	83.49 5.26 0.00	95.88 6.02 0.00	94.44 6.15 0.00	95.78 5.79 0.00	114.24 6.95 -0.82	126.86 8.67 -0.48	118.31 7.89 -0.96	100.43 6.25 -2.33	47.05 2.79 -5.14	103.34 6.66 -1.62	131.99 7.68 -0.77	466.18 23.22 0.00	140.37 7.50 0.00	86.38 4.99 -0.91	89.85 6.20 -2.05	125.26 2.41 -91.79	115.27 7.28 -10.33	109.04 7.44 -2.98
BOWLINE___1 23526	84.07 4.34 0.00	86.72 4.19 0.00	82.33 3.93 0.00	80.87 3.93 0.00	73.38 3.55 0.00	66.49 3.03 0.00	82.38 4.15 0.00	95.22 5.37 0.00	94.27 5.98 0.00	96.52 6.53 0.00	129.35 8.61 -14.26	135.81 9.75 -8.35	135.17 9.02 -16.69	140.21 7.65 -40.71	132.03 3.21 -89.70	130.89 7.64 -28.19	146.38 9.44 -13.40	473.61 30.66 0.00	142.79 9.92 0.00	102.47 6.18 -15.81	124.11 6.73 -35.79	121.55 2.62 -87.87	109.66 8.23 -3.78	107.51 7.92 -0.97
BOWLINE___2 23595	83.95 4.23 0.00	86.60 4.07 0.00	82.23 3.83 0.00	80.76 3.81 0.00	73.28 3.45 0.00	66.41 2.94 0.00	82.27 4.04 0.00	95.08 5.23 0.00	94.14 5.85 0.00	96.36 6.37 0.00	129.22 8.47 -14.26	135.64 9.58 -8.35	134.99 8.84 -16.69	140.09 7.52 -40.72	131.99 3.16 -89.71	130.75 7.49 -28.19	146.22 9.27 -13.40	472.94 29.98 0.00	142.57 9.69 0.00	102.37 6.08 -15.81	124.01 6.61 -35.80	121.52 2.58 -87.88	109.53 8.10 -3.78	107.35 7.76 -0.97
BRADY___115KV_TB2 356060	79.63 -0.10 0.00	82.62 0.09 0.00	78.42 0.02 0.00	76.94 0.00 0.00	69.88 0.05 0.00	63.77 0.30 0.00	78.62 0.39 0.00	90.17 0.32 0.00	87.87 -0.42 0.00	89.51 -0.48 0.00	105.23 -1.25 0.00	115.81 -1.91 0.00	108.03 -1.44 0.00	90.01 -1.84 0.00	38.37 -0.74 0.00	94.08 -0.99 0.00	122.95 -0.59 0.00	443.85 0.89 0.00	132.46 -0.42 0.00	80.12 -0.37 0.00	80.51 -1.09 0.00	30.57 -0.49 0.00	96.12 -1.53 0.00	96.80 -1.81 0.00
BRANSCOMB___SOLAR 323811	84.86 5.14 0.00	87.57 5.04 0.00	83.20 4.81 0.00	81.73 4.79 0.00	74.24 4.41 0.00	67.52 4.05 0.00	83.65 5.43 0.00	96.11 6.26 0.00	94.66 6.37 0.00	96.23 6.24 0.00	113.18 7.23 0.53	125.94 8.53 0.31	116.45 7.61 0.62	96.52 6.18 1.51	38.44 2.64 3.32	100.76 6.73 1.04	131.96 8.91 0.50	472.63 29.67 0.00	142.21 9.33 0.00	85.68 5.78 0.58	86.79 6.52 1.33	131.04 2.45 -97.54	118.10 7.47 -12.98	109.71 7.39 -3.70
BRENTWOD_69_KV_W. BRTWOOD 56703	87.05 7.32 0.00	89.72 7.19 0.00	84.90 6.50 0.00	83.27 6.33 0.00	75.83 6.00 0.00	68.68 5.21 0.00	85.65 7.42 0.00	98.92 9.07 0.00	98.62 10.33 0.00	101.18 11.19 0.00	139.00 14.51 -18.01	147.01 16.27 -13.02	149.31 15.25 -24.59	159.08 13.02 -54.21	149.01 5.50 -104.39	145.94 13.20 -37.67	153.57 16.42 -13.61	492.78 49.17 -0.65	207.26 17.47 -56.92	286.69 10.84 -195.37	230.36 11.09 -137.67	253.63 4.31 -218.26	115.68 13.65 -4.38	112.49 12.88 -1.00

BRISTLHL_115KV_TB1 79998	77.21 -2.52 0.00	79.90 -2.63 0.00	75.88 -2.52 0.00	74.45 -2.49 0.00	67.66 -2.16 0.00	61.63 -1.84 0.00	76.13 -2.10 0.00	87.44 -2.42 0.00	86.18 -2.11 0.00	87.81 -2.17 0.00	103.87 -2.61 0.00	114.81 -2.91 0.00	106.60 -2.87 0.00	89.73 -2.12 0.00	38.18 -0.94 0.00	92.81 -2.26 0.00	120.68 -2.87 0.00	433.14 -9.81 0.00	129.92 -2.96 0.00	78.55 -1.93 0.00	79.71 -1.89 0.00	34.24 -0.77 -3.95	95.01 -2.63 0.00	95.88 -2.74 -0.02
BROOKHAVEN___DRP 24191	86.77 7.04 0.00	89.33 6.80 0.00	84.49 6.09 0.00	82.79 5.84 0.00	75.41 5.59 0.00	68.44 4.97 0.00	85.47 7.24 0.00	98.43 8.57 0.00	98.78 10.49 0.00	101.37 11.38 0.00	139.20 14.71 -18.01	147.24 16.51 -13.02	149.59 15.54 -24.59	159.40 13.34 -54.21	149.16 5.65 -104.39	146.36 13.62 -37.67	153.97 16.86 -13.57	491.98 48.52 -0.51	207.75 17.95 -56.92	286.96 11.10 -195.37	230.32 11.05 -137.67	253.74 4.42 -218.26	115.72 13.69 -4.38	112.20 12.58 -1.00
BROOKLYN_NAVY_YARD 23515	84.71 4.98 0.00	87.33 4.80 0.00	82.92 4.52 0.00	81.50 4.55 0.00	73.95 4.13 0.00	66.99 3.53 0.00	82.99 4.76 0.00	96.11 6.26 0.00	95.19 6.91 0.00	97.58 7.58 0.00	131.66 10.15 -15.03	137.84 11.33 -8.80	137.71 10.66 -17.59	143.72 8.96 -42.91	137.48 3.81 -94.54	133.93 9.15 -29.71	149.29 11.10 -14.64	480.28 35.50 -1.83	144.27 11.40 0.00	104.51 7.36 -16.67	127.16 7.84 -37.72	125.49 3.05 -91.38	111.13 9.57 -3.91	108.62 9.01 -1.00
BROOKLYN___ARMY_DRP 323595	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
BROOKVLE_69_KV_TB1 55790	86.01 6.28 0.00	88.72 6.20 0.00	84.09 5.69 0.00	82.54 5.59 0.00	75.05 5.22 0.00	67.76 4.29 0.00	84.18 5.95 0.00	97.35 7.49 0.00	96.69 8.40 0.00	99.10 9.11 0.00	136.29 11.80 -18.01	144.07 13.32 -13.02	146.47 12.41 -24.59	156.61 10.55 -54.21	147.98 4.47 -104.39	143.41 10.67 -37.67	151.36 13.24 -14.57	488.37 41.62 -3.80	203.72 13.93 -56.92	284.62 8.77 -195.37	228.46 9.19 -137.67	252.92 3.60 -218.26	113.28 11.25 -4.38	110.55 10.94 -1.00
BROOME_2_LFGE 323671	79.48 -0.25 0.00	82.25 -0.28 0.00	78.14 -0.26 0.00	76.67 -0.27 0.00	69.68 -0.14 0.00	63.44 -0.03 0.00	78.46 0.23 0.00	90.14 0.29 0.00	89.01 0.72 0.00	90.65 0.66 0.00	108.74 0.93 -1.33	119.57 1.08 -0.78	111.82 0.81 -1.55	96.95 1.32 -3.78	47.76 0.30 -8.34	98.61 0.92 -2.62	125.98 1.19 -1.25	446.64 3.68 0.00	133.78 0.90 0.00	82.30 0.35 -1.47	85.53 0.61 -3.33	54.27 0.09 -23.11	99.50 0.59 -1.26	99.43 0.44 -0.38
BROOME___LFGE 323600	79.48 -0.25 0.00	82.25 -0.28 0.00	78.14 -0.26 0.00	76.67 -0.27 0.00	69.68 -0.14 0.00	63.44 -0.03 0.00	78.46 0.23 0.00	90.14 0.29 0.00	89.01 0.72 0.00	90.65 0.66 0.00	108.74 0.93 -1.33	119.57 1.08 -0.78	111.82 0.81 -1.55	96.95 1.32 -3.78	47.76 0.30 -8.34	98.61 0.92 -2.62	125.98 1.19 -1.25	446.64 3.68 0.00	133.78 0.90 0.00	82.30 0.35 -1.47	85.53 0.61 -3.33	54.27 0.09 -23.11	99.50 0.59 -1.26	99.43 0.44 -0.38
BROWNFLS_115KV_TB_3_5 80003	78.48 -1.24 0.00	81.43 -1.09 0.00	77.20 -1.19 0.00	75.82 -1.12 0.00	68.95 -0.88 0.00	62.87 -0.60 0.00	78.08 -0.14 0.00	89.92 0.06 0.00	88.06 -0.23 0.00	89.78 -0.21 0.00	105.83 -0.65 0.00	116.75 -0.96 0.00	108.09 -1.38 0.00	90.29 -1.55 0.00	38.31 -0.81 0.00	93.71 -1.36 0.00	122.91 -0.64 0.00	443.15 0.19 0.00	132.17 -0.70 0.00	79.92 -0.56 0.00	80.34 -1.25 0.00	31.72 -0.67 -1.34	95.08 -2.57 0.00	95.66 -2.96 -0.01
BROWNSV1_27_KV_LOAD 356125	85.80 6.07 0.00	88.47 5.94 0.00	83.97 5.57 0.00	82.44 5.50 0.00	74.86 5.04 0.00	67.84 4.37 0.00	84.08 5.85 0.00	97.38 7.52 0.00	96.47 8.18 0.00	98.87 8.88 0.00	133.20 11.69 -15.03	139.51 13.00 -8.80	139.21 12.16 -17.59	145.02 10.26 -42.91	138.04 4.38 -94.54	135.25 10.48 -29.71	150.49 12.82 -14.12	484.90 41.94 0.00	146.17 13.30 0.00	105.58 8.43 -16.67	128.22 8.89 -37.72	125.89 3.46 -91.38	112.44 10.87 -3.91	109.93 10.32 -1.00
BURROWS___LYONSDAL 23803	81.53 1.80 0.00	84.55 2.02 0.00	80.19 1.79 0.00	78.73 1.79 0.00	71.56 1.74 0.00	65.22 1.75 0.00	81.12 2.89 0.00	93.46 3.60 0.00	92.01 3.72 0.00	93.70 3.72 0.00	110.78 4.29 0.00	122.41 4.69 0.00	113.30 3.84 0.00	95.08 3.23 0.00	40.25 1.13 0.00	98.12 3.05 0.00	128.47 4.92 0.00	461.47 18.52 0.00	137.84 4.97 0.00	83.42 2.93 0.00	84.21 2.61 0.00	33.57 0.79 -1.72	99.55 1.90 0.00	100.23 1.61 -0.01
CAITHNESS_CC_1 323624	86.54 6.81 0.00	89.12 6.59 0.00	84.30 5.90 0.00	82.61 5.66 0.00	75.23 5.40 0.00	68.22 4.76 0.00	85.17 6.94 0.00	98.16 8.31 0.00	98.34 10.05 0.00	100.93 10.93 0.00	138.68 14.19 -18.01	146.68 15.94 -13.02	149.04 14.98 -24.59	158.88 12.82 -54.21	148.93 5.42 -104.39	145.81 13.07 -37.67	153.29 16.18 -13.57	489.29 45.83 -0.51	206.97 17.18 -56.92	286.48 10.63 -195.37	229.95 10.67 -137.67	253.61 4.29 -218.26	115.32 13.28 -4.38	111.90 12.29 -1.00
CALPINE BETH_PAGE_GT4 24209	85.70 5.97 0.00	88.37 5.85 0.00	83.71 5.31 0.00	82.14 5.20 0.00	74.74 4.91 0.00	67.65 4.18 0.00	84.14 5.91 0.00	97.26 7.41 0.00	96.77 8.48 0.00	99.25 9.26 0.00	136.46 11.97 -18.01	144.19 13.45 -13.02	146.52 12.46 -24.59	156.72 10.66 -54.21	148.03 4.52 -104.39	143.58 10.84 -37.67	150.99 13.35 -14.09	485.44 40.37 -2.12	204.07 14.28 -56.92	284.84 8.99 -195.37	228.57 9.30 -137.67	253.01 3.68 -218.26	113.58 11.55 -4.38	110.51 10.90 -1.00
CALPINE_BETH_PAGE_GT_4 323586	85.71 5.98 0.00	88.37 5.84 0.00	83.71 5.31 0.00	82.14 5.20 0.00	74.74 4.91 0.00	67.64 4.17 0.00	84.13 5.90 0.00	97.27 7.41 0.00	96.77 8.48 0.00	99.25 9.26 0.00	136.46 11.97 -18.01	144.19 13.45 -13.02	146.52 12.47 -24.59	156.70 10.64 -54.21	148.02 4.51 -104.39	143.56 10.82 -37.67	150.94 13.31 -14.09	485.22 40.14 -2.12	204.07 14.28 -56.92	284.84 8.98 -195.37	228.57 9.30 -137.67	253.01 3.69 -218.26	113.59 11.55 -4.38	110.52 10.90 -1.00
CALPINE_BP_GT1 23823	85.71 5.98 0.00	88.37 5.84 0.00	83.71 5.31 0.00	82.14 5.20 0.00	74.74 4.91 0.00	67.64 4.17 0.00	84.13 5.90 0.00	97.27 7.41 0.00	96.77 8.48 0.00	99.25 9.26 0.00	136.46 11.97 -18.01	144.19 13.45 -13.02	146.52 12.47 -24.59	156.70 10.64 -54.21	148.02 4.51 -104.39	143.56 10.82 -37.67	150.94 13.31 -14.09	485.22 40.14 -2.12	204.07 14.28 -56.92	284.84 8.98 -195.37	228.57 9.30 -137.67	253.01 3.69 -218.26	113.59 11.55 -4.38	110.52 10.90 -1.00
CALSPAN___DRP 24200	75.08 -4.65 0.00	77.82 -4.71 0.00	73.74 -4.65 0.00	72.26 -4.68 0.00	65.89 -3.94 0.00	60.70 -2.76 0.00	74.20 -4.03 0.00	83.83 -6.03 0.00	82.27 -6.01 0.00	83.72 -6.27 0.00	98.82 -8.33 -0.67	109.51 -8.60 -0.39	102.15 -8.09 -0.78	88.24 -5.51 -1.90	40.50 -2.81 -4.19	90.42 -5.97 -1.32	116.29 -7.88 -0.63	417.94 -25.01 0.00	124.80 -8.08 0.00	75.52 -5.70 -0.74	77.63 -5.64 -1.67	40.08 -2.71 -11.72	91.08 -7.17 -0.60	92.42 -6.38 -0.18

CALVERTON___SOLAR 323806	86.98 7.25 0.00	89.53 7.00 0.00	84.67 6.27 0.00	82.98 6.03 0.00	75.59 5.76 0.00	68.64 5.17 0.00	85.78 7.55 0.00	98.73 8.87 0.00	99.26 10.98 0.00	101.88 11.89 0.00	139.82 15.33 -18.01	147.92 17.18 -13.02	150.24 16.19 -24.59	159.92 13.86 -54.21	149.39 5.87 -104.39	146.94 14.19 -37.67	154.73 17.61 -13.57	494.07 50.61 -0.51	208.57 18.77 -56.92	287.46 11.61 -195.37	230.72 11.45 -137.67	253.88 4.56 -218.26	116.11 14.08 -4.38	112.53 12.92 -1.00
CANDIGU_WT_PWR 323617	77.35 -2.38 0.00	80.04 -2.49 0.00	76.02 -2.38 0.00	74.53 -2.41 0.00	67.91 -1.92 0.00	62.21 -1.26 0.00	76.54 -1.69 0.00	87.38 -2.48 0.00	86.28 -2.01 0.00	87.76 -2.23 0.00	104.40 -2.99 -0.91	115.10 -3.15 -0.53	107.22 -3.30 -1.06	92.94 -1.50 -2.59	43.79 -1.03 -5.70	94.67 -2.20 -1.79	121.56 -2.84 -0.85	432.95 -10.01 0.00	129.32 -3.56 0.00	78.83 -2.65 -1.01	81.36 -2.51 -2.28	45.67 -1.21 -15.82	95.30 -3.17 -0.82	95.47 -3.39 -0.25
CARR STREET_E_SYR 24060	77.97 -1.75 0.00	80.70 -1.83 0.00	76.62 -1.78 0.00	75.20 -1.74 0.00	68.33 -1.50 0.00	62.25 -1.22 0.00	77.17 -1.06 0.00	88.73 -1.12 0.00	87.45 -0.84 0.00	89.06 -0.93 0.00	105.72 -1.12 -0.36	116.82 -1.11 -0.21	108.71 -1.19 -0.43	92.28 -0.61 -1.05	41.08 -0.34 -2.30	94.99 -0.80 -0.72	122.93 -0.96 -0.34	439.84 -3.12 0.00	131.86 -1.01 0.00	80.09 -0.80 -0.41	81.81 -0.70 -0.92	36.56 -0.35 -5.85	96.45 -1.22 -0.02	97.34 -1.30 -0.02
CARTHAGE___PAPER 23857	81.38 1.65 0.00	84.39 1.86 0.00	79.93 1.53 0.00	78.51 1.56 0.00	71.42 1.60 0.00	65.20 1.74 0.00	81.56 3.33 0.00	94.14 4.28 0.00	92.53 4.24 0.00	94.10 4.11 0.00	110.87 4.39 0.00	122.40 4.68 0.00	112.61 3.15 0.00	94.53 2.68 0.00	40.00 0.88 0.00	97.74 2.67 0.00	128.92 5.38 0.00	464.75 21.79 0.00	138.51 5.63 0.00	83.76 3.28 0.00	84.18 2.58 0.00	34.03 0.63 -2.34	98.80 1.15 0.00	99.24 0.62 -0.01
CASSADAGA_WT_PWR 323784	77.98 -1.75 0.00	80.74 -1.78 0.00	76.49 -1.91 0.00	74.99 -1.95 0.00	68.39 -1.44 0.00	63.10 -0.37 0.00	77.06 -1.17 0.00	87.56 -2.30 0.00	86.31 -1.98 0.00	87.96 -2.03 0.00	103.86 -3.32 -0.70	115.06 -3.07 -0.41	107.19 -3.10 -0.82	92.46 -1.39 -2.00	42.41 -1.11 -4.41	94.40 -2.05 -1.38	121.45 -2.75 -0.66	435.66 -7.30 0.00	130.16 -2.72 0.00	78.50 -2.76 -0.78	81.04 -2.32 -1.76	41.99 -1.37 -12.30	94.95 -3.33 -0.63	95.75 -3.06 -0.19
CE_DUNWOOD___DRP 24194	84.73 5.00 0.00	87.41 4.88 0.00	82.95 4.55 0.00	81.47 4.53 0.00	73.95 4.12 0.00	67.01 3.54 0.00	83.03 4.80 0.00	96.03 6.17 0.00	95.10 6.82 0.00	97.35 7.37 0.00	131.14 9.67 -14.98	137.41 10.92 -8.77	137.15 10.16 -17.53	143.20 8.57 -42.78	137.01 3.65 -94.24	133.38 8.70 -29.61	148.34 10.72 -14.07	477.65 34.70 0.00	144.00 11.12 0.00	104.11 7.01 -16.61	126.73 7.53 -37.61	125.14 2.92 -91.16	110.70 9.14 -3.90	108.38 8.77 -1.00
CE_MILLWOOD___DRP 24193	84.57 4.84 0.00	87.24 4.71 0.00	82.80 4.40 0.00	81.32 4.38 0.00	73.81 3.98 0.00	66.88 3.41 0.00	82.87 4.64 0.00	95.81 5.96 0.00	94.86 6.58 0.00	97.10 7.11 0.00	130.73 9.36 -14.89	137.00 10.56 -8.71	136.70 9.81 -17.42	142.66 8.30 -42.51	136.31 3.53 -93.66	132.89 8.39 -29.43	147.87 10.34 -13.99	476.36 33.41 0.00	143.61 10.74 0.00	103.78 6.78 -16.51	126.28 7.31 -37.37	124.63 2.84 -90.73	110.42 8.88 -3.89	108.13 8.52 -0.99
CE_NYC2_DRP 24202	85.27 5.55 0.00	87.97 5.44 0.00	83.43 5.03 0.00	81.93 4.98 0.00	74.39 4.56 0.00	67.42 3.96 0.00	83.54 5.32 0.00	96.69 6.83 0.00	95.81 7.52 0.00	98.16 8.17 0.00	132.40 10.88 -15.04	138.66 12.14 -8.80	138.42 11.36 -17.60	144.63 9.56 -43.22	137.91 4.08 -94.71	134.57 9.77 -29.72	149.49 11.82 -14.13	481.17 38.21 0.00	145.11 12.23 0.00	106.11 7.83 -17.79	127.84 8.32 -37.92	125.69 3.23 -91.39	111.71 10.15 -3.92	109.25 9.64 -1.00
CE_NYC_DRP 24195	85.00 5.28 0.00	87.68 5.15 0.00	83.25 4.85 0.00	81.80 4.86 0.00	74.25 4.42 0.00	67.25 3.79 0.00	83.30 5.07 0.00	96.39 6.54 0.00	95.49 7.21 0.00	97.91 7.91 0.00	132.01 10.49 -15.03	138.18 11.66 -8.80	137.96 10.91 -17.59	143.93 9.16 -42.91	137.59 3.93 -94.54	134.14 9.36 -29.71	149.02 11.36 -14.12	479.45 36.49 0.00	144.55 11.67 0.00	104.60 7.45 -16.67	127.24 7.92 -37.72	125.52 3.08 -91.38	111.26 9.70 -3.91	108.81 9.20 -1.00
CHAFFEE___LFGE 323603	75.75 -3.97 0.00	78.51 -4.02 0.00	74.38 -4.02 0.00	72.88 -4.06 0.00	66.47 -3.36 0.00	61.26 -2.21 0.00	74.94 -3.29 0.00	84.71 -5.15 0.00	83.19 -5.10 0.00	84.66 -5.33 0.00	99.94 -7.24 -0.69	110.75 -7.37 -0.41	103.37 -6.91 -0.81	89.34 -4.49 -1.98	41.13 -2.36 -4.36	91.43 -5.02 -1.37	117.68 -6.52 -0.65	422.97 -19.99 0.00	126.30 -6.58 0.00	76.41 -4.84 -0.77	78.59 -4.75 -1.74	40.88 -2.37 -12.18	92.05 -6.22 -0.62	93.35 -5.45 -0.19
CHATEAUG_35_KV_LOAD 355732	79.55 -0.18 0.00	82.44 -0.09 0.00	78.09 -0.31 0.00	76.57 -0.37 0.00	69.60 -0.22 0.00	63.36 -0.11 0.00	77.98 -0.24 0.00	89.44 -0.42 0.00	87.40 -0.88 0.00	89.18 -0.81 0.00	105.36 -1.12 0.00	116.11 -1.60 0.00	108.17 -1.29 0.00	90.29 -1.55 0.00	38.39 -0.73 0.00	93.34 -1.73 0.00	121.66 -1.89 0.00	437.30 -5.65 0.00	130.33 -2.55 0.00	78.73 -1.75 0.00	79.22 -2.37 0.00	30.16 -0.90 0.00	94.68 -2.97 0.00	95.14 -3.48 0.00
CHATEAUG_WT_PWR 323614	79.38 -0.35 0.00	82.26 -0.26 0.00	77.98 -0.42 0.00	76.48 -0.47 0.00	69.54 -0.29 0.00	63.26 -0.20 0.00	77.85 -0.38 0.00	89.33 -0.53 0.00	87.29 -1.00 0.00	89.01 -0.98 0.00	105.27 -1.20 0.00	116.09 -1.62 0.00	108.03 -1.44 0.00	90.19 -1.66 0.00	38.37 -0.74 0.00	93.35 -1.73 0.00	121.63 -1.92 0.00	436.95 -6.01 0.00	130.17 -2.71 0.00	78.62 -1.86 0.00	79.18 -2.42 0.00	30.16 -0.91 0.00	94.65 -3.00 0.00	95.06 -3.55 0.00
CHAT_HIGH_FALL_HYD 323578	79.55 -0.18 0.00	82.44 -0.09 0.00	78.09 -0.31 0.00	76.57 -0.37 0.00	69.60 -0.22 0.00	63.36 -0.11 0.00	77.98 -0.24 0.00	89.44 -0.42 0.00	87.40 -0.88 0.00	89.18 -0.81 0.00	105.36 -1.12 0.00	116.11 -1.60 0.00	108.17 -1.29 0.00	90.29 -1.55 0.00	38.39 -0.73 0.00	93.34 -1.73 0.00	121.66 -1.89 0.00	437.30 -5.65 0.00	130.33 -2.55 0.00	78.73 -1.75 0.00	79.22 -2.37 0.00	30.16 -0.90 0.00	94.68 -2.97 0.00	95.14 -3.48 0.00
CHAUTAUQUA___LFGE 323629	76.49 -3.24 0.00	79.25 -3.28 0.00	75.09 -3.31 0.00	73.59 -3.36 0.00	67.10 -2.72 0.00	61.89 -1.58 0.00	75.62 -2.61 0.00	85.70 -4.16 0.00	84.35 -3.93 0.00	85.91 -4.08 0.00	101.38 -5.78 -0.68	112.30 -5.81 -0.40	104.56 -5.70 -0.80	90.23 -3.56 -1.94	41.40 -2.00 -4.28	92.27 -4.14 -1.35	118.83 -5.35 -0.64	426.61 -16.35 0.00	127.42 -5.46 0.00	76.92 -4.32 -0.75	79.27 -4.04 -1.71	40.97 -2.05 -11.96	92.86 -0.61 0.00	93.86 -4.94 -0.19
CHERRYST_13_KV_LD 356241	85.21 5.48 0.00	87.90 5.37 0.00	83.49 5.09 0.00	82.04 5.09 0.00	74.46 4.63 0.00	67.46 3.99 0.00	83.54 5.31 0.00	96.72 6.86 0.00	95.82 7.54 0.00	98.23 8.25 0.00	132.43 10.92 -15.03	138.65 12.13 -8.80	138.39 11.34 -17.59	144.29 9.53 -42.91	137.74 4.08 -94.54	134.52 9.74 -29.71	149.51 11.84 -14.12	481.13 38.17 0.00	145.02 12.15 0.00	104.87 7.72 -16.67	127.51 8.19 -37.72	125.62 3.18 -91.38	111.57 10.01 -3.91	109.10 9.49 -1.00

CHESTROR_138KV_BK263 355645	83.84 4.11 0.00	86.52 4.00 0.00	82.17 3.77 0.00	80.67 3.73 0.00	73.21 3.38 0.00	66.38 2.91 0.00	82.19 3.97 0.00	94.91 5.05 0.00	93.87 5.59 0.00	96.02 6.03 0.00	127.60 7.90 -13.22	134.45 9.00 -7.74	133.27 8.34 -15.47	136.68 7.09 -37.74	125.24 2.98 -83.14	128.31 7.12 -26.13	144.78 8.81 -12.42	471.72 28.76 0.00	142.13 9.26 0.00	100.92 5.78 -14.66	121.06 6.28 -33.18	116.68 2.43 -83.19	108.86 7.61 -3.60	106.87 7.33 -0.93
CH_MIDHUDSON___DRP 24192	85.20 5.47 0.00	87.85 5.32 0.00	83.41 5.01 0.00	81.87 4.92 0.00	74.31 4.48 0.00	67.39 3.93 0.00	83.51 5.29 0.00	96.50 6.65 0.00	95.44 7.16 0.00	97.58 7.58 0.00	131.06 9.77 -14.81	137.52 11.14 -8.67	137.16 10.37 -17.32	142.89 8.76 -42.27	135.98 3.73 -93.13	133.32 8.98 -29.26	148.63 11.17 -13.91	479.90 36.95 0.00	144.60 11.73 0.00	104.31 7.41 -16.42	126.69 7.93 -37.16	126.02 3.02 -91.93	111.06 9.39 -4.02	108.71 9.06 -1.04
CH_MISC_IPPS 23765	85.64 5.92 0.00	88.32 5.78 0.00	83.81 5.41 0.00	82.30 5.36 0.00	74.71 4.88 0.00	67.79 4.33 0.00	84.06 5.83 0.00	97.12 7.27 0.00	96.07 7.79 0.00	98.27 8.29 0.00	131.46 10.62 -14.37	138.20 12.07 -8.41	137.51 11.24 -16.81	142.39 9.52 -41.02	133.51 4.02 -90.37	133.19 9.72 -28.40	149.30 12.26 -13.50	484.41 41.45 0.00	145.92 13.05 0.00	104.55 8.13 -15.93	126.30 8.64 -36.06	124.22 3.29 -89.87	111.76 10.18 -3.93	109.42 9.79 -1.02
CH_RES_BVR_FALLS 23983	79.46 -0.27 0.00	82.29 -0.23 0.00	78.16 -0.23 0.00	76.69 -0.26 0.00	69.60 -0.23 0.00	63.29 -0.18 0.00	77.97 -0.26 0.00	89.48 -0.37 0.00	87.69 -0.59 0.00	89.43 -0.56 0.00	105.70 -0.78 0.00	116.69 -1.02 0.00	108.60 -0.87 0.00	90.97 -0.88 0.00	38.71 -0.41 0.00	94.05 -1.03 0.00	122.49 -1.06 0.00	439.87 -3.09 0.00	131.67 -1.20 0.00	79.71 -0.77 0.00	80.62 -0.97 0.00	30.68 -0.38 0.00	96.46 -1.19 0.00	97.40 -1.22 0.00
CH_RES_NIAGARA 23895	71.64 -8.09 0.00	74.19 -8.34 0.00	70.32 -8.07 0.00	68.90 -8.05 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.67 -7.56 0.00	79.48 -10.37 0.00	77.79 -10.49 0.00	79.07 -10.91 0.00	93.12 -13.97 -0.61	103.25 -14.83 -0.36	96.38 -13.79 -0.72	83.27 -10.34 -1.75	38.10 -4.88 -3.86	85.51 -10.78 -1.21	109.92 -14.20 -0.58	395.77 -47.19 0.00	118.13 -14.75 0.00	71.47 -9.69 -0.68	73.38 -9.75 -1.54	37.54 -4.33 -10.81	86.37 -11.83 -0.55	88.04 -10.74 -0.17
CH_RES_SYRACUSE 23985	78.66 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.61 0.00	78.52 0.29 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.82 0.83 0.00	107.70 0.81 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.22 1.22 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.57 1.65 -0.38	450.09 7.13 0.00	134.88 2.00 0.00	81.78 0.85 -0.45	83.65 1.05 -1.01	37.68 0.23 -6.39	98.33 0.66 -0.02	99.22 0.58 -0.02
CLINTON_WT_PWR 323605	79.38 -0.35 0.00	82.26 -0.26 0.00	77.98 -0.42 0.00	76.48 -0.47 0.00	69.54 -0.29 0.00	63.26 -0.20 0.00	77.85 -0.38 0.00	89.33 -0.53 0.00	87.29 -1.00 0.00	89.01 -0.98 0.00	105.27 -1.20 0.00	116.09 -1.62 0.00	108.03 -1.44 0.00	90.19 -1.66 0.00	38.37 -0.74 0.00	93.35 -1.73 0.00	121.63 -1.92 0.00	436.95 -6.01 0.00	130.17 -2.71 0.00	78.62 -1.86 0.00	79.18 -2.42 0.00	30.16 -0.91 0.00	94.65 -3.00 0.00	95.06 -3.55 0.00
CLINTON___LFGE 323618	80.47 0.74 0.00	83.36 0.82 0.00	78.98 0.58 0.00	77.51 0.56 0.00	70.47 0.65 0.00	64.10 0.63 0.00	79.09 0.86 0.00	90.80 0.94 0.00	88.68 0.40 0.00	90.33 0.34 0.00	106.85 0.37 0.00	117.89 0.18 0.00	109.65 0.19 0.00	91.62 -0.23 0.00	39.03 -0.09 0.00	94.92 -0.15 0.00	123.76 0.22 0.00	444.79 1.84 0.00	132.62 -0.25 0.00	80.06 -0.42 0.00	80.57 -1.03 0.00	30.64 -0.41 0.00	96.12 -1.53 0.00	96.69 -1.92 0.00
COBBLENY_34_KV_TB1 80064	75.75 -3.98 0.00	78.51 -4.02 0.00	74.38 -4.02 0.00	72.89 -4.06 0.00	66.47 -3.36 0.00	61.26 -2.21 0.00	74.92 -3.31 0.00	84.71 -5.15 0.00	83.19 -5.10 0.00	84.65 -5.34 0.00	99.97 -7.20 -0.69	110.74 -7.38 -0.41	103.33 -6.94 -0.81	89.30 -4.53 -1.98	41.08 -2.40 -4.36	91.42 -5.03 -1.37	117.64 -6.56 -0.65	422.81 -20.14 0.00	126.29 -6.59 0.00	76.40 -4.85 -0.77	78.59 -4.75 -1.74	40.87 -2.38 -12.18	92.11 -6.16 -0.62	93.36 -5.44 -0.19
COFFEEN___115KV_TB3 355620	81.70 1.97 0.00	84.74 2.21 0.00	80.21 1.81 0.00	78.80 1.85 0.00	71.65 1.82 0.00	65.49 2.03 0.00	82.19 3.96 0.00	95.03 5.17 0.00	93.47 5.19 0.00	94.95 4.96 0.00	111.74 5.26 0.00	123.26 5.54 0.00	113.05 3.59 0.00	95.11 3.26 0.00	40.24 1.12 0.00	98.47 3.40 0.00	130.18 6.63 0.00	469.75 26.79 0.00	140.14 7.26 0.00	84.72 4.23 0.00	85.14 3.55 0.00	34.65 0.93 -2.66	99.60 1.96 0.00	99.93 1.30 -0.01
COLDSPRG_115KV_BK1 355956	78.82 -0.90 0.00	81.61 -0.92 0.00	77.33 -1.07 0.00	75.83 -1.12 0.00	69.17 -0.66 0.00	63.79 0.32 0.00	78.00 -0.23 0.00	88.51 -1.34 0.00	87.29 -1.00 0.00	88.93 -1.05 0.00	105.29 -1.92 -0.73	116.66 -1.49 -0.43	108.84 -1.48 -0.86	94.03 0.09 -2.09	43.21 -0.51 -4.60	95.92 -0.60 -1.45	123.06 -1.18 -0.69	440.81 -2.15 0.00	131.78 -1.10 0.00	79.61 -1.68 -0.81	82.24 -1.19 -1.84	42.98 -0.92 -12.84	96.68 -1.63 -0.66	97.39 -1.42 -0.20
COLONIE_LFGE___ 323577	83.78 4.05 0.00	86.47 3.94 0.00	82.19 3.79 0.00	80.73 3.78 0.00	73.24 3.42 0.00	66.47 3.00 0.00	82.15 3.92 0.00	94.36 4.51 0.00	92.93 4.64 0.00	94.46 4.47 0.00	111.75 5.27 0.00	124.21 6.49 0.00	115.33 5.87 0.00	96.57 4.72 0.00	41.21 2.09 0.00	100.14 5.07 0.00	129.70 6.15 0.00	462.35 19.39 0.00	139.26 6.39 0.00	84.50 4.01 0.00	86.35 4.75 0.00	127.52 1.83 -94.63	114.94 5.60 -11.68	107.66 5.70 -3.35
COOPERNY_115KV_TB1 80082	82.70 2.97 0.00	85.46 2.93 0.00	81.14 2.75 0.00	79.66 2.72 0.00	72.29 2.47 0.00	65.56 2.09 0.00	81.11 2.88 0.00	93.56 3.70 0.00	92.39 4.10 0.00	94.42 4.43 0.00	121.40 5.83 -9.09	129.63 6.59 -5.32	126.19 6.08 -10.64	123.05 5.24 -25.96	98.49 2.18 -57.19	118.26 5.22 -17.97	138.53 6.44 -8.54	464.04 21.08 0.00	139.62 6.74 0.00	94.77 4.20 -10.08	109.01 4.59 -22.82	97.18 1.77 -64.35	106.06 5.55 -2.86	104.72 5.33 -0.77
COPENHAGEN_WT_PWR 323753	80.77 1.04 0.00	83.79 1.26 0.00	79.30 0.90 0.00	77.87 0.93 0.00	70.79 0.96 0.00	64.60 1.13 0.00	80.98 2.76 0.00	93.52 3.67 0.00	91.98 3.69 0.00	93.60 3.61 0.00	110.31 3.83 0.00	121.74 4.02 0.00	111.79 2.33 0.00	93.94 2.09 0.00	39.68 0.57 0.00	97.03 1.96 0.00	128.11 4.57 0.00	461.76 18.80 0.00	137.66 4.79 0.00	83.29 2.81 0.00	83.60 2.00 0.00	34.17 0.36 -2.75	97.90 0.25 0.00	98.25 -0.38 -0.01
CORNELL_____ 23752	80.83 1.10 0.00	83.64 1.12 0.00	79.40 1.00 0.00	77.95 1.01 0.00	70.90 1.07 0.00	64.66 1.20 0.00	80.39 2.16 0.00	92.55 2.70 0.00	91.34 3.06 0.00	92.87 2.88 0.00	110.70 3.31 -0.91	122.00 3.75 -0.53	113.74 3.21 -1.06	97.77 3.33 -2.59	46.07 1.24 -5.72	100.07 3.20 -1.80	128.90 4.51 -0.85	459.86 16.90 0.00	137.80 4.93 0.00	84.17 2.68 -1.01	86.72 2.85 -2.28	47.93 0.88 -15.99	101.38 2.85 -0.88	101.49 2.61 -0.27

CORONA__69_KV_TB1 355595	86.02 6.29 0.00	88.72 6.20 0.00	84.09 5.69 0.00	82.54 5.60 0.00	75.08 5.25 0.00	68.01 4.54 0.00	84.47 6.24 0.00	97.61 7.75 0.00	96.96 8.68 0.00	99.39 9.40 0.00	136.70 12.21 -18.01	144.44 13.69 -13.02	146.85 12.79 -24.59	156.90 10.84 -54.21	148.15 4.64 -104.39	143.79 11.04 -37.67	153.16 13.59 -16.02	493.83 41.79 -9.09	204.23 14.44 -56.92	285.02 9.17 -195.37	228.91 9.64 -137.67	253.09 3.77 -218.26	113.86 11.82 -4.38	110.83 11.22 -1.00
CORTLAND__115KV_TB3 80093	80.14 0.41 0.00	82.96 0.43 0.00	78.77 0.38 0.00	77.33 0.38 0.00	70.29 0.47 0.00	64.03 0.56 0.00	79.45 1.22 0.00	91.43 1.58 0.00	90.20 1.92 0.00	91.81 1.82 0.00	109.43 2.21 -0.74	120.61 2.46 -0.43	112.41 2.08 -0.87	96.21 2.24 -2.12	44.58 0.79 -4.67	98.56 2.02 -1.47	127.07 2.83 -0.70	453.19 10.24 0.00	135.85 2.97 0.00	82.89 1.58 -0.82	85.21 1.76 -1.86	44.64 0.54 -13.04	100.02 1.70 -0.68	100.31 1.49 -0.21
COXSACKIE__GT 23611	87.64 7.91 0.00	90.54 8.01 0.00	86.07 7.67 0.00	84.57 7.62 0.00	76.74 6.91 0.00	69.55 6.08 0.00	85.88 7.65 0.00	98.88 9.02 0.00	97.51 9.22 0.00	99.09 9.10 0.00	118.36 10.01 -1.87	130.01 11.20 -1.09	120.96 9.30 -2.19	104.91 7.73 -5.33	54.23 3.37 -11.75	107.05 8.28 -3.69	137.09 11.79 -1.75	484.71 41.75 0.00	146.17 13.29 0.00	89.96 7.41 -2.07	94.19 7.90 -4.69	114.18 3.00 -80.12	113.38 9.59 -6.14	110.33 9.87 -1.85
CPV_VALLEY__CC1 323721	83.09 3.37 0.00	85.77 3.24 0.00	81.46 3.06 0.00	79.97 3.03 0.00	72.57 2.74 0.00	65.79 2.33 0.00	81.44 3.21 0.00	94.03 4.18 0.00	92.97 4.69 0.00	95.09 5.09 0.00	125.02 6.75 -11.79	132.30 7.68 -6.90	130.36 7.10 -13.79	131.56 6.06 -33.65	115.79 2.54 -74.13	124.41 6.05 -23.29	142.06 7.44 -11.07	467.03 24.07 0.00	140.66 7.79 0.00	98.44 4.89 -13.07	116.50 5.32 -29.58	109.59 2.07 -76.46	107.46 6.49 -3.33	105.71 6.22 -0.87
CPV_VALLEY__CC2 323722	83.09 3.37 0.00	85.77 3.24 0.00	81.46 3.06 0.00	79.97 3.03 0.00	72.57 2.74 0.00	65.79 2.33 0.00	81.44 3.21 0.00	94.03 4.18 0.00	92.97 4.69 0.00	95.09 5.09 0.00	125.02 6.75 -11.79	132.30 7.68 -6.90	130.36 7.10 -13.79	131.56 6.06 -33.65	115.79 2.54 -74.13	124.41 6.05 -23.29	142.06 7.44 -11.07	467.03 24.07 0.00	140.66 7.79 0.00	98.44 4.89 -13.07	116.50 5.32 -29.58	109.59 2.07 -76.46	107.46 6.49 -3.33	105.71 6.22 -0.87
CRESCENT__HYD 24018	83.78 4.05 0.00	86.47 3.94 0.00	82.19 3.79 0.00	80.73 3.78 0.00	73.24 3.42 0.00	66.47 3.00 0.00	82.15 3.92 0.00	94.36 4.51 0.00	92.93 4.64 0.00	94.46 4.47 0.00	111.75 5.27 0.00	124.21 6.49 0.00	115.33 5.87 0.00	96.57 4.72 0.00	41.21 2.09 0.00	100.14 5.07 0.00	129.70 6.15 0.00	462.35 19.39 0.00	139.26 6.39 0.00	84.50 4.01 0.00	86.35 4.75 0.00	127.52 1.83 -94.63	114.94 5.60 -11.68	107.66 5.70 -3.35
CRICKET__VALLEY_CC1 323756	84.48 4.75 0.00	87.14 4.61 0.00	82.69 4.29 0.00	81.18 4.24 0.00	73.65 3.82 0.00	66.81 3.34 0.00	82.63 4.41 0.00	95.47 5.61 0.00	94.34 6.06 0.00	96.22 6.23 0.00	129.68 8.00 -15.21	135.95 9.34 -8.90	136.01 8.75 -17.79	142.53 7.26 -43.42	137.94 3.17 -95.66	132.68 7.55 -30.06	146.96 9.13 -14.29	471.43 28.47 0.00	142.07 9.20 0.00	103.36 6.01 -16.86	126.39 6.63 -38.17	129.24 2.55 -95.62	109.78 7.88 -4.26	107.43 7.72 -1.10
CRICKET__VALLEY_CC2 323757	84.48 4.75 0.00	87.14 4.61 0.00	82.69 4.29 0.00	81.18 4.24 0.00	73.65 3.82 0.00	66.81 3.34 0.00	82.63 4.41 0.00	95.47 5.61 0.00	94.34 6.06 0.00	96.22 6.23 0.00	129.68 8.00 -15.21	135.95 9.34 -8.90	136.01 8.75 -17.79	142.53 7.26 -43.42	137.94 3.17 -95.66	132.68 7.55 -30.06	146.96 9.13 -14.29	471.43 28.47 0.00	142.07 9.20 0.00	103.36 6.01 -16.86	126.39 6.63 -38.17	129.24 2.55 -95.62	109.78 7.88 -4.26	107.43 7.72 -1.10
CRICKET__VALLEY_CC3 323758	84.48 4.75 0.00	87.14 4.61 0.00	82.69 4.29 0.00	81.18 4.24 0.00	73.65 3.82 0.00	66.81 3.34 0.00	82.63 4.41 0.00	95.47 5.61 0.00	94.34 6.06 0.00	96.22 6.23 0.00	129.68 8.00 -15.21	135.95 9.34 -8.90	136.01 8.75 -17.79	142.53 7.26 -43.42	137.94 3.17 -95.66	132.68 7.55 -30.06	146.96 9.13 -14.29	471.43 28.47 0.00	142.07 9.20 0.00	103.36 6.01 -16.86	126.39 6.63 -38.17	129.24 2.55 -95.62	109.78 7.88 -4.26	107.43 7.72 -1.10
CRUCIBLE__METL_DRP 24180	78.65 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.60 0.00	78.50 0.27 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.81 0.82 0.00	107.70 0.82 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.21 1.21 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.58 1.66 -0.38	449.99 7.03 0.00	134.89 2.01 0.00	81.78 0.85 -0.45	83.66 1.05 -1.01	37.67 0.22 -6.39	98.35 0.68 -0.02	99.22 0.58 -0.02
DAHOWA__HYDRO 323763	85.18 5.45 0.00	87.85 5.32 0.00	83.49 5.10 0.00	82.02 5.08 0.00	74.55 4.72 0.00	67.82 4.36 0.00	84.13 5.90 0.00	96.66 6.80 0.00	95.19 6.91 0.00	96.80 6.81 0.00	113.78 7.88 0.58	126.64 9.26 0.34	117.01 8.23 0.68	96.87 6.69 1.67	38.28 2.84 3.67	101.17 7.26 1.15	132.67 9.68 0.55	475.57 32.61 0.00	143.03 10.16 0.00	86.14 6.30 0.65	87.23 7.10 1.47	131.76 2.65 -98.05	118.89 8.06 -13.17	110.30 7.93 -3.76
DANC__LFGE 323619	79.48 -0.25 0.00	82.38 -0.15 0.00	78.05 -0.35 0.00	76.63 -0.31 0.00	69.66 -0.16 0.00	63.49 0.02 0.00	79.15 0.92 0.00	91.23 1.38 0.00	89.77 1.49 0.00	91.45 1.46 0.00	107.95 1.47 0.00	119.23 1.51 0.00	109.93 0.46 0.00	92.43 0.58 0.00	39.16 0.04 0.00	95.43 0.36 0.00	125.29 1.75 0.00	451.02 8.06 0.00	134.78 1.90 0.00	81.53 1.04 0.00	82.22 0.62 0.00	34.26 -0.03 -3.22	96.93 -0.72 0.00	97.50 -1.12 -0.01
DANSKAMMER__1 23586	85.64 5.92 0.00	88.32 5.78 0.00	83.81 5.41 0.00	82.30 5.36 0.00	74.71 4.88 0.00	67.79 4.33 0.00	84.06 5.83 0.00	97.12 7.27 0.00	96.07 7.79 0.00	98.27 8.29 0.00	131.46 10.62 -14.37	138.20 12.07 -8.41	137.51 11.24 -16.81	142.39 9.52 -41.02	133.51 4.02 -90.37	133.19 9.72 -28.40	149.30 12.26 -13.50	484.41 41.45 0.00	145.92 13.05 0.00	104.55 8.13 -15.93	126.30 8.64 -36.06	124.22 3.29 -89.87	111.76 10.18 -3.93	109.42 9.79 -1.02
DANSKAMMER__2 23589	85.64 5.92 0.00	88.32 5.78 0.00	83.81 5.41 0.00	82.30 5.36 0.00	74.71 4.88 0.00	67.79 4.33 0.00	84.06 5.83 0.00	97.12 7.27 0.00	96.07 7.79 0.00	98.27 8.29 0.00	131.46 10.62 -14.37	138.20 12.07 -8.41	137.51 11.24 -16.81	142.39 9.52 -41.02	133.51 4.02 -90.37	133.19 9.72 -28.40	149.30 12.26 -13.50	484.41 41.45 0.00	145.92 13.05 0.00	104.55 8.13 -15.93	126.30 8.64 -36.06	124.22 3.29 -89.87	111.76 10.18 -3.93	109.42 9.79 -1.02
DANSKAMMER__3 23590	85.64 5.92 0.00	88.32 5.78 0.00	83.81 5.41 0.00	82.30 5.36 0.00	74.71 4.88 0.00	67.79 4.33 0.00	84.06 5.83 0.00	97.12 7.27 0.00	96.07 7.79 0.00	98.27 8.29 0.00	131.46 10.62 -14.37	138.20 12.07 -8.41	137.51 11.24 -16.81	142.39 9.52 -41.02	133.51 4.02 -90.37	133.19 9.72 -28.40	149.30 12.26 -13.50	484.41 41.45 0.00	145.92 13.05 0.00	104.55 8.13 -15.93	126.30 8.64 -36.06	124.22 3.29 -89.87	111.76 10.18 -3.93	109.42 9.79 -1.02

DANSKAMMER___4 23591	85.64 5.92 0.00	88.32 5.78 0.00	83.81 5.41 0.00	82.30 5.36 0.00	74.71 4.88 0.00	67.79 4.33 0.00	84.06 5.83 0.00	97.12 7.27 0.00	96.07 7.79 0.00	98.27 8.29 0.00	131.46 10.62 -14.37	138.20 12.07 -8.41	137.51 11.24 -16.81	142.39 9.52 -41.02	133.51 4.02 -90.37	133.19 9.72 -28.40	149.30 12.26 -13.50	484.41 41.45 0.00	145.92 13.05 0.00	104.55 8.13 -15.93	126.30 8.64 -36.06	124.22 3.29 -89.87	111.76 10.18 -3.93	109.42 9.79 -1.02
DANSKAMMER___DIESEL 23592	85.64 5.92 0.00	88.32 5.79 0.00	83.81 5.42 0.00	82.30 5.36 0.00	74.71 4.89 0.00	67.79 4.33 0.00	84.06 5.83 0.00	97.12 7.27 0.00	96.07 7.79 0.00	98.27 8.28 0.00	131.47 10.62 -14.37	138.19 12.07 -8.41	137.49 11.21 -16.81	142.39 9.52 -41.02	133.53 4.04 -90.37	133.19 9.72 -28.40	149.26 12.22 -13.50	484.32 41.36 0.00	145.92 13.04 0.00	104.54 8.12 -15.93	126.30 8.64 -36.06	124.22 3.29 -89.87	111.76 10.18 -3.93	109.42 9.79 -1.02
DARBY___SOLAR 323810	84.96 5.23 0.00	87.67 5.14 0.00	83.31 4.92 0.00	81.83 4.89 0.00	74.34 4.51 0.00	67.60 4.13 0.00	83.81 5.58 0.00	96.29 6.44 0.00	94.81 6.53 0.00	96.38 6.39 0.00	113.38 7.43 0.53	126.16 8.76 0.31	116.65 7.81 0.62	96.65 6.32 1.51	38.49 2.72 3.34	100.90 6.88 1.05	132.22 9.17 0.50	473.62 30.67 0.00	142.49 9.61 0.00	85.84 5.95 0.59	86.94 6.68 1.33	131.13 2.50 -97.56	118.30 7.66 -12.99	109.86 7.54 -3.71
DASHVILLE___HYD 23610	87.37 7.64 0.00	90.03 7.51 0.00	85.42 7.02 0.00	83.89 6.94 0.00	76.18 6.36 0.00	69.27 5.81 0.00	86.03 7.81 0.00	98.46 8.61 0.00	97.52 9.23 0.00	99.79 9.80 0.00	129.55 12.54 -10.53	138.03 14.16 -6.16	134.94 13.15 -12.32	133.01 11.10 -30.06	110.03 4.69 -66.22	127.12 11.24 -20.81	148.50 15.06 -9.89	499.97 57.01 0.00	150.63 17.75 0.00	103.08 10.92 -11.67	119.45 11.43 -26.43	119.77 4.26 -84.45	115.00 12.97 -4.39	112.27 12.45 -1.20
DEERFIELD_69_KV_DEERFIELD LD 355887	87.22 7.49 0.00	89.73 7.20 0.00	84.81 6.41 0.00	83.10 6.15 0.00	75.76 5.93 0.00	69.08 5.61 0.00	86.63 8.40 0.00	99.71 9.86 0.00	101.11 12.82 0.00	103.92 13.93 0.00	142.28 17.79 -18.01	150.68 19.94 -13.02	152.83 18.77 -24.59	162.17 16.11 -54.21	150.33 6.82 -104.39	149.29 16.55 -37.67	157.64 20.53 -13.57	503.13 59.66 -0.51	211.68 21.88 -56.92	289.51 13.66 -195.37	231.96 12.68 -137.67	254.23 4.91 -218.26	117.05 15.01 -4.38	113.47 13.85 -1.00
DELAWARE___LFGE 323621	82.70 2.97 0.00	85.66 3.13 0.00	81.34 2.94 0.00	79.90 2.96 0.00	72.45 2.62 0.00	65.69 2.23 0.00	81.34 3.12 0.00	93.62 3.76 0.00	92.31 4.03 0.00	94.14 4.15 0.00	113.42 5.16 -1.78	124.50 5.74 -1.04	116.80 5.25 -2.08	101.54 4.60 -5.09	52.19 1.87 -11.20	103.21 4.62 -3.52	131.01 5.79 -1.67	462.86 19.91 0.00	138.87 6.00 0.00	86.10 3.64 -1.98	89.91 3.85 -4.47	65.91 1.42 -33.43	104.86 4.40 -2.81	103.70 4.28 -0.81
DERFIELD_115KV_TB7 355931	80.37 0.65 0.00	83.19 0.66 0.00	79.02 0.62 0.00	77.56 0.62 0.00	70.39 0.56 0.00	63.90 0.43 0.00	78.78 0.55 0.00	90.49 0.64 0.00	89.03 0.74 0.00	90.72 0.73 0.00	107.46 0.98 0.00	118.90 1.19 0.00	110.55 1.09 0.00	92.77 0.92 0.00	39.50 0.38 0.00	95.90 0.82 0.00	124.51 0.96 0.00	445.99 3.03 0.00	133.92 1.04 0.00	81.08 0.60 0.00	82.33 0.73 0.00	31.37 0.31 0.00	98.60 0.95 0.00	99.53 0.92 0.00
DOGLEVILLE___HYD 23807	82.99 3.26 0.00	85.68 3.16 0.00	81.32 2.92 0.00	79.88 2.93 0.00	72.62 2.79 0.00	65.90 2.44 0.00	81.38 3.15 0.00	93.74 3.89 0.00	92.61 4.32 0.00	93.94 3.95 0.00	110.85 4.37 0.00	122.93 5.22 0.00	113.79 4.33 0.00	95.59 3.74 0.00	40.68 1.56 0.00	98.96 3.89 0.00	128.70 5.16 0.00	460.16 17.21 0.00	138.75 5.87 0.00	84.03 3.54 0.00	85.75 4.16 0.00	32.62 1.56 0.00	102.42 4.76 0.00	103.16 4.54 0.00
DUNKIRK___115KV_TB_200 55889	76.31 -3.42 0.00	79.06 -3.47 0.00	74.90 -3.50 0.00	73.38 -3.56 0.00	66.96 -2.87 0.00	61.71 -1.76 0.00	75.42 -2.81 0.00	85.47 -4.38 0.00	84.09 -4.19 0.00	85.60 -4.39 0.00	101.07 -6.09 -0.68	111.91 -6.21 -0.40	104.20 -6.05 -0.79	89.94 -3.85 -1.94	41.23 -2.16 -4.27	92.02 -4.39 -1.34	118.46 -5.73 -0.64	425.20 -17.75 0.00	127.07 -5.81 0.00	76.72 -4.52 -0.75	79.05 -4.25 -1.70	40.84 -2.15 -11.93	92.68 -5.57 -0.61	93.64 -5.16 -0.19
DUNKIRK___1 23563	76.31 -3.42 0.00	79.06 -3.47 0.00	74.90 -3.50 0.00	73.38 -3.56 0.00	66.96 -2.87 0.00	61.71 -1.76 0.00	75.42 -2.81 0.00	85.47 -4.38 0.00	84.09 -4.19 0.00	85.60 -4.39 0.00	101.07 -6.09 -0.68	111.91 -6.21 -0.40	104.20 -6.05 -0.79	89.94 -3.85 -1.94	41.23 -2.16 -4.27	92.02 -4.39 -1.34	118.46 -5.73 -0.64	425.20 -17.75 0.00	127.07 -5.81 0.00	76.72 -4.52 -0.75	79.05 -4.25 -1.70	40.84 -2.15 -11.93	92.68 -5.57 -0.61	93.64 -5.16 -0.19
DUNKIRK___2 23564	76.31 -3.42 0.00	79.06 -3.47 0.00	74.90 -3.50 0.00	73.38 -3.56 0.00	66.96 -2.87 0.00	61.71 -1.76 0.00	75.42 -2.81 0.00	85.47 -4.38 0.00	84.09 -4.19 0.00	85.60 -4.39 0.00	101.07 -6.09 -0.68	111.91 -6.21 -0.40	104.20 -6.05 -0.79	89.94 -3.85 -1.94	41.23 -2.16 -4.27	92.02 -4.39 -1.34	118.46 -5.73 -0.64	425.20 -17.75 0.00	127.07 -5.81 0.00	76.72 -4.52 -0.75	79.05 -4.25 -1.70	40.84 -2.15 -11.93	92.68 -5.57 -0.61	93.64 -5.16 -0.19
DUNKIRK___3 23565	75.83 -3.90 0.00	78.57 -3.96 0.00	74.45 -3.95 0.00	72.96 -3.98 0.00	66.54 -3.29 0.00	61.32 -2.15 0.00	74.93 -3.30 0.00	84.82 -5.03 0.00	83.39 -4.89 0.00	84.89 -5.10 0.00	100.22 -6.93 -0.67	111.02 -7.09 -0.39	103.42 -6.83 -0.79	89.29 -4.47 -1.91	40.92 -2.41 -4.22	91.36 -5.04 -1.33	117.57 -6.60 -0.63	422.19 -20.77 0.00	126.16 -6.72 0.00	76.20 -5.02 -0.74	78.47 -4.81 -1.68	40.48 -2.37 -11.78	92.06 -6.19 -0.60	93.15 -5.65 -0.18
DUNKIRK___4 23566	75.83 -3.90 0.00	78.57 -3.96 0.00	74.45 -3.95 0.00	72.96 -3.98 0.00	66.54 -3.29 0.00	61.32 -2.15 0.00	74.93 -3.30 0.00	84.82 -5.03 0.00	83.39 -4.89 0.00	84.89 -5.10 0.00	100.22 -6.93 -0.67	111.02 -7.09 -0.39	103.42 -6.83 -0.79	89.29 -4.47 -1.91	40.92 -2.41 -4.22	91.36 -5.04 -1.33	117.57 -6.60 -0.63	422.19 -20.77 0.00	126.16 -6.72 0.00	76.20 -5.02 -0.74	78.47 -4.81 -1.68	40.48 -2.37 -11.78	92.06 -6.19 -0.60	93.15 -5.65 -0.18
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	84.89 5.17 0.00	87.57 5.04 0.00	83.11 4.71 0.00	81.63 4.69 0.00	74.09 4.26 0.00	67.14 3.68 0.00	83.19 4.97 0.00	96.24 6.39 0.00	95.31 7.02 0.00	97.60 7.61 0.00	131.53 10.00 -15.05	137.82 11.27 -8.83	137.62 10.52 -17.64	143.68 8.90 -42.92	137.44 3.78 -94.54	133.80 9.02 -29.71	148.79 11.13 -14.12	478.87 35.91 0.00	144.41 11.53 0.00	104.44 7.29 -16.67	127.14 7.82 -37.72	125.46 3.02 -91.38	111.03 9.47 -3.91	108.69 9.08 -1.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	84.85 5.12 0.00	87.54 5.01 0.00	83.09 4.69 0.00	81.58 4.64 0.00	74.05 4.22 0.00	67.18 3.71 0.00	83.27 5.05 0.00	96.15 6.30 0.00	95.13 6.85 0.00	97.32 7.33 0.00	129.56 9.50 -13.58	136.45 10.79 -7.95	135.34 9.99 -15.88	139.13 8.52 -38.76	128.10 3.59 -85.39	130.52 8.62 -26.83	147.16 10.87 -12.75	479.74 36.79 0.00	144.54 11.66 0.00	102.78 7.25 -15.05	123.42 7.75 -34.07	120.32 2.97 -86.29	110.65 9.20 -3.80	108.43 8.83 -0.99

E179THST_138_KV_TB4_REV_LBMP_J 345001	85.23 5.50 0.00	87.96 5.44 0.00	83.40 5.01 0.00	81.91 4.97 0.00	74.35 4.53 0.00	67.38 3.92 0.00	83.41 5.18 0.00	96.40 6.54 0.00	95.50 7.21 0.00	97.78 7.79 0.00	131.88 10.36 -15.04	138.17 11.66 -8.80	137.81 10.75 -17.60	143.77 8.99 -42.93	137.52 3.84 -94.56	133.93 9.14 -29.72	148.72 11.05 -14.13	478.74 35.78 0.00	144.49 11.61 0.00	104.49 7.33 -16.68	127.10 7.76 -37.74	125.49 3.03 -91.39	111.23 9.66 -3.92	108.77 9.15 -1.00
E179THST_13_KV_LOAD 356214	85.59 5.86 0.00	88.30 5.77 0.00	83.70 5.30 0.00	82.22 5.27 0.00	74.63 4.81 0.00	67.63 4.17 0.00	83.77 5.54 0.00	96.84 6.99 0.00	95.97 7.68 0.00	98.28 8.28 0.00	132.48 10.96 -15.04	138.83 12.31 -8.80	138.45 11.38 -17.60	144.32 9.55 -42.93	137.74 4.06 -94.56	134.48 9.69 -29.72	149.45 11.78 -14.13	481.41 38.45 0.00	145.29 12.41 0.00	104.98 7.82 -16.68	127.58 8.25 -37.74	125.67 3.22 -91.39	111.74 10.17 -3.92	109.28 9.67 -1.00
EAST HAMPTON___GT 23717	86.36 6.63 0.00	88.99 6.46 0.00	84.06 5.66 0.00	82.38 5.44 0.00	75.12 5.29 0.00	68.79 5.32 0.00	86.55 8.32 0.00	99.70 9.84 0.00	102.11 13.83 0.00	105.19 15.20 0.00	143.83 19.34 -18.01	152.50 21.76 -13.02	154.55 20.49 -24.59	163.63 17.56 -54.21	150.94 7.42 -104.39	150.79 18.05 -37.67	159.35 22.24 -13.57	505.60 62.13 -0.51	213.21 23.41 -56.92	290.76 14.91 -195.37	232.19 12.92 -137.67	254.17 4.84 -218.26	116.59 14.56 -4.38	113.19 13.58 -1.00
EAST RIVER___6 23660	85.02 5.29 0.00	87.72 5.19 0.00	83.34 4.95 0.00	81.93 4.99 0.00	74.37 4.54 0.00	67.33 3.87 0.00	83.34 5.11 0.00	96.51 6.65 0.00	95.60 7.31 0.00	98.02 8.03 0.00	132.12 10.61 -15.03	138.27 11.76 -8.80	138.00 10.95 -17.59	143.93 9.17 -42.91	137.59 3.94 -94.54	134.21 9.43 -29.71	149.13 11.46 -14.12	479.42 36.46 0.00	144.52 11.64 0.00	104.67 7.52 -16.67	127.31 7.99 -37.72	125.53 3.09 -91.38	111.35 9.78 -3.91	108.82 9.20 -1.00
EAST RIVER___7 23524	85.02 5.29 0.00	87.72 5.19 0.00	83.34 4.95 0.00	81.93 4.99 0.00	74.37 4.54 0.00	67.33 3.87 0.00	83.34 5.11 0.00	96.51 6.65 0.00	95.60 7.31 0.00	98.02 8.03 0.00	132.12 10.61 -15.03	138.27 11.76 -8.80	138.00 10.95 -17.59	143.93 9.17 -42.91	137.59 3.94 -94.54	134.21 9.43 -29.71	149.13 11.46 -14.12	479.42 36.46 0.00	144.52 11.64 0.00	104.67 7.52 -16.67	127.31 7.99 -37.72	125.53 3.09 -91.38	111.35 9.78 -3.91	108.82 9.20 -1.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	84.73 5.00 0.00	87.41 4.88 0.00	82.95 4.55 0.00	81.47 4.53 0.00	73.95 4.12 0.00	67.01 3.54 0.00	83.03 4.80 0.00	96.03 6.17 0.00	95.10 6.82 0.00	97.35 7.37 0.00	131.14 9.67 -14.98	137.41 10.92 -8.77	137.15 10.16 -17.53	143.20 8.57 -42.78	137.01 3.65 -94.24	133.38 8.70 -29.61	148.34 10.72 -14.07	477.65 34.70 0.00	144.00 11.12 0.00	104.11 7.01 -16.61	126.73 7.53 -37.61	125.14 2.92 -91.16	110.70 9.14 -3.90	108.38 8.77 -1.00
EAST_HAMPTON___DIESEL 23722	86.18 6.45 0.00	88.78 6.25 0.00	83.87 5.47 0.00	82.19 5.25 0.00	74.94 5.11 0.00	68.67 5.20 0.00	86.46 8.23 0.00	99.57 9.72 0.00	102.11 13.82 0.00	105.21 15.22 0.00	143.86 19.37 -18.01	152.55 21.81 -13.02	154.56 20.51 -24.59	163.66 17.60 -54.21	150.95 7.44 -104.39	150.84 18.09 -37.67	159.42 22.30 -13.57	505.97 62.50 -0.51	213.28 23.49 -56.92	290.80 14.95 -195.37	232.10 12.83 -137.67	254.12 4.80 -218.26	116.43 14.39 -4.38	113.04 13.43 -1.00
EAST_POINT___SOLAR 323840	85.34 5.61 0.00	88.25 5.72 0.00	83.88 5.48 0.00	82.40 5.45 0.00	74.78 4.95 0.00	68.27 4.81 0.00	84.97 6.75 0.00	97.97 8.11 0.00	95.91 7.62 0.00	97.16 7.17 0.00	113.46 7.59 0.61	124.94 7.58 0.36	115.27 6.52 0.71	96.22 6.11 1.74	37.75 2.47 3.84	101.08 7.22 1.21	133.90 10.93 0.57	485.51 42.55 0.00	145.84 12.96 0.00	87.49 7.68 0.68	87.54 7.47 1.53	137.42 2.58 -103.78	118.33 7.67 -13.00	109.71 7.35 -3.74
EAST_PULASKI___ESR 323781	78.13 -1.60 0.00	80.88 -1.64 0.00	76.76 -1.64 0.00	75.33 -1.61 0.00	68.48 -1.35 0.00	62.37 -1.09 0.00	77.27 -0.96 0.00	88.85 -1.01 0.00	87.50 -0.79 0.00	89.19 -0.80 0.00	105.45 -1.03 0.00	116.51 -1.20 0.00	107.88 -1.59 0.00	90.75 -1.10 0.00	38.57 -0.54 0.00	93.73 -1.34 0.00	122.35 -1.20 0.00	439.81 -3.15 0.00	131.78 -1.10 0.00	79.69 -0.79 0.00	80.69 -0.91 0.00	34.23 -0.45 -3.62	95.74 -1.91 0.00	96.52 -2.11 -0.02
EAST_RIVER___1 323558	85.00 5.27 0.00	87.68 5.15 0.00	83.25 4.86 0.00	81.80 4.86 0.00	74.25 4.42 0.00	67.25 3.79 0.00	83.29 5.06 0.00	96.39 6.54 0.00	95.49 7.21 0.00	97.89 7.90 0.00	132.00 10.49 -15.03	138.19 11.67 -8.80	137.96 10.91 -17.59	143.94 9.18 -42.91	137.57 3.91 -94.54	134.13 9.35 -29.71	149.02 11.35 -14.12	479.47 36.52 0.00	144.54 11.66 0.00	104.60 7.45 -16.67	127.24 7.92 -37.72	125.52 3.08 -91.38	111.26 9.70 -3.91	108.82 9.20 -1.00
EAST_RIVER___2 323559	85.02 5.29 0.00	87.72 5.19 0.00	83.34 4.95 0.00	81.93 4.99 0.00	74.37 4.54 0.00	67.33 3.87 0.00	83.34 5.11 0.00	96.51 6.65 0.00	95.60 7.31 0.00	98.02 8.03 0.00	132.12 10.61 -15.03	138.27 11.76 -8.80	138.00 10.95 -17.59	143.93 9.17 -42.91	137.59 3.94 -94.54	134.21 9.43 -29.71	149.13 11.46 -14.12	479.42 36.46 0.00	144.52 11.64 0.00	104.67 7.52 -16.67	127.31 7.99 -37.72	125.53 3.09 -91.38	111.35 9.78 -3.91	108.82 9.20 -1.00
EAST___DELAWARE_HYD 23607	84.49 4.76 0.00	87.18 4.65 0.00	82.72 4.32 0.00	81.24 4.29 0.00	73.75 3.93 0.00	67.03 3.56 0.00	83.23 5.00 0.00	96.01 6.16 0.00	94.98 6.70 0.00	97.10 7.12 0.00	126.90 9.20 -11.22	134.64 10.36 -6.56	132.25 9.66 -13.12	132.13 8.26 -32.02	113.06 3.41 -70.54	125.57 8.33 -22.16	144.96 10.88 -10.53	481.53 38.58 0.00	144.97 12.09 0.00	100.39 7.47 -12.43	117.65 7.91 -28.15	112.26 2.95 -78.25	110.29 9.00 -3.63	108.12 8.54 -0.97
EIGHT_POINT___WT_PWR 323820	78.57 -1.15 0.00	81.24 -1.30 0.00	77.17 -1.23 0.00	75.67 -1.27 0.00	68.99 -0.84 0.00	63.32 -0.15 0.00	77.96 -0.27 0.00	89.05 -0.80 0.00	87.94 -0.34 0.00	89.41 -0.58 0.00	106.16 -1.17 -0.84	117.01 -1.20 -0.49	108.82 -1.63 -0.99	94.29 0.02 -2.41	44.07 -0.36 -5.31	95.98 -0.76 -1.67	123.31 -1.03 -0.79	438.79 -4.17 0.00	130.82 -2.05 0.00	79.54 -1.88 -0.94	81.75 -1.97 -2.12	44.80 -1.04 -14.77	95.55 -2.87 -0.76	95.32 -3.53 -0.23
ELBRIDGE_115KV_TB2 80188	78.31 -1.42 0.00	81.02 -1.51 0.00	76.87 -1.53 0.00	75.50 -1.44 0.00	68.63 -1.20 0.00	62.55 -0.92 0.00	78.57 0.34 0.00	90.72 0.87 0.00	89.58 1.29 0.00	90.99 1.00 0.00	107.90 0.99 -0.43	119.42 1.45 -0.25	111.06 1.09 -0.50	94.60 1.52 -1.23	42.37 0.54 -2.71	97.34 1.42 -0.85	126.08 2.13 -0.40	451.88 8.93 0.00	135.39 2.51 0.00	81.98 1.02 -0.48	83.93 1.26 -1.08	38.11 0.24 -6.81	98.56 0.89 -0.03	99.44 0.81 -0.03
ELEC_TRO_TEK 24086	85.60 5.87 0.00	88.31 5.78 0.00	83.68 5.28 0.00	82.14 5.20 0.00	74.72 4.90 0.00	67.66 4.19 0.00	84.08 5.85 0.00	97.13 7.28 0.00	96.53 8.25 0.00	98.95 8.96 0.00	136.16 11.67 -18.01	143.86 13.12 -13.02	146.27 12.21 -24.59	156.42 10.36 -54.21	147.93 4.42 -104.39	143.25 10.51 -37.67	151.46 12.95 -14.97	487.74 39.47 -5.31	203.48 13.69 -56.92	284.51 8.66 -195.37	228.34 9.07 -137.67	252.89 3.57 -218.26	113.22 11.19 -4.38	110.24 10.63 -1.00

ELLENBURG_WT_PWR 323604	79.38 -0.35 0.00	82.26 -0.26 0.00	77.98 -0.42 0.00	76.48 -0.47 0.00	69.54 -0.29 0.00	63.26 -0.20 0.00	77.85 -0.38 0.00	89.33 -0.53 0.00	87.29 -1.00 0.00	89.01 -0.98 0.00	105.27 -1.20 0.00	116.09 -1.62 0.00	108.03 -1.44 0.00	90.19 -1.66 0.00	38.37 -0.74 0.00	93.35 -1.73 0.00	121.63 -1.92 0.00	436.95 -6.01 0.00	130.17 -2.71 0.00	78.62 -1.86 0.00	79.18 -2.42 0.00	30.16 -0.91 0.00	94.65 -3.00 0.00	95.06 -3.55 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	74.36 -5.37 0.00	77.07 -5.45 0.00	73.05 -5.35 0.00	71.58 -5.36 0.00	65.28 -4.55 0.00	60.13 -3.33 0.00	73.48 -4.75 0.00	82.96 -6.89 0.00	81.41 -6.87 0.00	82.82 -7.17 0.00	97.72 -9.41 -0.65	108.30 -9.80 -0.38	101.05 -9.18 -0.76	87.25 -6.45 -1.86	39.99 -3.21 -4.09	89.43 -6.93 -1.29	115.07 -9.09 -0.61	413.55 -29.41 0.00	123.48 -9.39 0.00	74.68 -6.52 -0.72	76.75 -6.48 -1.63	39.47 -3.02 -11.43	90.13 -8.10 -0.58	91.54 -7.25 -0.18
EMPIRE_CC_1 323656	82.99 3.26 0.00	85.66 3.14 0.00	81.64 3.24 0.00	80.19 3.25 0.00	72.71 2.88 0.00	65.86 2.39 0.00	81.27 3.04 0.00	92.99 3.14 0.00	91.60 3.31 0.00	93.10 3.11 0.00	110.04 3.56 0.00	122.58 4.86 0.00	113.88 4.42 0.00	95.34 3.49 0.00	40.72 1.61 0.00	98.63 3.56 0.00	127.55 4.00 0.00	454.01 11.06 0.00	136.91 4.04 0.00	83.07 2.59 0.00	85.03 3.43 0.00	109.22 1.38 -76.78	107.40 4.26 -5.48	104.81 4.48 -1.71
EMPIRE_CC_2 323658	82.99 3.26 0.00	85.66 3.14 0.00	81.64 3.24 0.00	80.19 3.25 0.00	72.71 2.88 0.00	65.86 2.39 0.00	81.27 3.04 0.00	92.99 3.14 0.00	91.60 3.31 0.00	93.10 3.11 0.00	110.04 3.56 0.00	122.58 4.86 0.00	113.88 4.42 0.00	95.34 3.49 0.00	40.72 1.61 0.00	98.63 3.56 0.00	127.55 4.00 0.00	454.01 11.06 0.00	136.91 4.04 0.00	83.07 2.59 0.00	85.03 3.43 0.00	109.22 1.38 -76.78	107.40 4.26 -5.48	104.81 4.48 -1.71
ENORWICH_115KV_TB1 80156	86.43 6.70 0.00	89.61 7.07 0.00	85.05 6.65 0.00	83.74 6.80 0.00	76.31 6.48 0.00	69.77 6.30 0.00	87.19 8.96 0.00	100.56 10.71 0.00	99.07 10.78 0.00	100.56 10.57 0.00	119.84 12.09 -1.27	131.47 13.01 -0.74	122.58 11.63 -1.49	105.83 10.36 -3.63	51.31 4.20 -7.99	108.14 10.55 -2.51	138.93 14.20 -1.19	495.13 52.17 0.00	147.31 14.43 0.00	90.04 8.15 -1.41	92.97 8.18 -3.19	56.79 2.85 -22.88	108.03 8.86 -1.52	107.49 8.43 -0.45
ERIE_ST__34_KV_TB1-2 80199	76.25 -3.48 0.00	78.98 -3.55 0.00	74.85 -3.55 0.00	73.35 -3.59 0.00	66.88 -2.95 0.00	61.61 -1.86 0.00	75.31 -2.92 0.00	85.18 -4.68 0.00	83.72 -4.57 0.00	85.23 -4.76 0.00	100.70 -6.46 -0.68	111.63 -6.48 -0.40	104.19 -6.06 -0.79	90.04 -3.74 -1.93	41.29 -2.09 -4.26	92.15 -4.26 -1.34	118.50 -5.68 -0.64	425.64 -17.32 0.00	127.01 -5.87 0.00	76.88 -4.36 -0.75	79.07 -4.23 -1.70	40.79 -2.18 -11.91	92.79 -5.47 -0.61	94.04 -4.76 -0.19
ERIE_WT_PWR 323693	75.11 -4.62 0.00	77.88 -4.65 0.00	73.80 -4.60 0.00	72.32 -4.62 0.00	65.95 -3.87 0.00	60.76 -2.71 0.00	74.28 -3.95 0.00	83.86 -6.00 0.00	82.35 -5.94 0.00	83.79 -6.20 0.00	98.83 -8.32 -0.67	109.61 -8.49 -0.39	102.18 -8.07 -0.78	88.33 -5.43 -1.90	40.58 -2.74 -4.19	90.51 -5.88 -1.32	116.36 -7.82 -0.63	418.39 -24.56 0.00	124.86 -8.02 0.00	75.54 -5.68 -0.74	77.69 -5.58 -1.67	40.12 -2.66 -11.72	91.00 -7.24 -0.60	92.49 -6.31 -0.18
ESPRGFLD_115KV_TB1 80157	82.91 3.18 0.00	85.93 3.40 0.00	81.66 3.26 0.00	80.22 3.27 0.00	72.78 2.95 0.00	66.33 2.87 0.00	82.47 4.24 0.00	94.97 5.12 0.00	93.26 4.98 0.00	95.08 5.09 0.00	112.64 6.16 0.00	124.06 6.35 0.00	115.17 5.70 0.00	97.06 5.21 0.00	41.09 1.97 0.00	100.23 5.16 0.00	130.80 7.26 0.00	471.07 28.11 0.00	141.15 8.27 0.00	85.34 4.86 0.00	86.06 4.46 0.00	56.29 1.45 -23.78	111.51 4.23 -9.63	105.12 3.98 -2.53
ETNA_115_KV_TB1_REV_LBMP_C 345029	80.69 0.96 0.00	83.50 0.97 0.00	79.26 0.86 0.00	77.82 0.88 0.00	70.78 0.95 0.00	64.53 1.07 0.00	80.23 2.00 0.00	92.35 2.50 0.00	91.15 2.86 0.00	92.67 2.69 0.00	110.48 3.09 -0.91	121.76 3.52 -0.53	113.50 2.97 -1.06	97.58 3.14 -2.59	45.99 1.16 -5.72	99.85 2.99 -1.80	128.63 4.23 -0.85	458.80 15.84 0.00	137.46 4.58 0.00	83.94 2.45 -1.01	86.54 2.66 -2.28	47.86 0.81 -15.99	101.17 2.64 -0.88	101.29 2.41 -0.27
ETNA____115KV_TB2 80207	80.69 0.96 0.00	83.50 0.97 0.00	79.26 0.86 0.00	77.82 0.88 0.00	70.78 0.95 0.00	64.53 1.07 0.00	80.23 2.00 0.00	92.35 2.50 0.00	91.15 2.86 0.00	92.67 2.69 0.00	110.48 3.09 -0.91	121.76 3.52 -0.53	113.50 2.97 -1.06	97.58 3.14 -2.59	45.99 1.16 -5.72	99.85 2.99 -1.80	128.63 4.23 -0.85	458.80 15.84 0.00	137.46 4.58 0.00	83.94 2.45 -1.01	86.54 2.66 -2.28	47.86 0.81 -15.99	101.17 2.64 -0.88	101.29 2.41 -0.27
EUCLID____115KV_TB2 356179	77.75 -1.98 0.00	80.47 -2.06 0.00	76.40 -2.00 0.00	74.98 -1.96 0.00	68.13 -1.70 0.00	62.06 -1.41 0.00	76.83 -1.40 0.00	88.30 -1.56 0.00	86.97 -1.32 0.00	88.60 -1.39 0.00	104.79 -1.70 0.00	115.91 -1.80 0.00	107.69 -1.77 0.00	90.69 -1.16 0.00	38.56 -0.56 0.00	93.76 -1.31 0.00	121.89 -1.66 0.00	437.32 -5.64 0.00	131.16 -1.71 0.00	79.28 -1.21 0.00	80.47 -1.13 0.00	35.13 -0.50 -4.57	95.97 -1.68 0.00	96.87 -1.76 -0.02
E_CANADA_CAP_HY 24051	83.47 3.74 0.00	86.37 3.84 0.00	82.11 3.71 0.00	80.66 3.72 0.00	73.17 3.35 0.00	66.75 3.28 0.00	82.94 4.72 0.00	95.41 5.56 0.00	93.38 5.09 0.00	95.00 5.01 0.00	111.85 5.78 0.41	123.22 5.74 0.24	114.05 5.07 0.48	95.33 4.66 1.18	38.25 1.72 2.59	98.98 4.73 0.81	130.34 7.19 0.39	471.58 28.62 0.00	141.55 8.68 0.00	85.12 5.09 0.46	85.22 4.66 1.03	137.50 1.53 -104.91	114.21 4.39 -12.17	106.36 4.22 -3.53
E_CANADA_MHWK_HY 24050	82.99 3.26 0.00	85.68 3.16 0.00	81.32 2.92 0.00	79.88 2.93 0.00	72.62 2.79 0.00	65.90 2.44 0.00	81.38 3.15 0.00	93.74 3.89 0.00	92.61 4.32 0.00	93.94 3.95 0.00	110.85 4.37 0.00	122.93 5.22 0.00	113.79 4.33 0.00	95.59 3.74 0.00	40.68 1.56 0.00	98.96 3.89 0.00	128.70 5.16 0.00	460.16 17.21 0.00	138.75 5.87 0.00	84.03 3.54 0.00	85.75 4.16 0.00	32.62 1.56 0.00	102.42 4.76 0.00	103.16 4.54 0.00
E_FISHKILL____LBMP 23776	84.45 4.72 0.00	87.13 4.59 0.00	82.72 4.32 0.00	81.21 4.27 0.00	73.69 3.87 0.00	66.79 3.32 0.00	82.71 4.48 0.00	95.57 5.71 0.00	94.55 6.26 0.00	96.68 6.68 0.00	130.71 8.73 -15.50	136.73 9.94 -9.07	136.84 9.24 -18.13	143.88 7.78 -44.25	139.93 3.33 -97.48	133.64 7.94 -30.63	147.84 9.74 -14.56	474.18 31.22 0.00	142.95 10.07 0.00	104.06 6.39 -17.19	127.40 6.90 -38.90	127.26 2.68 -93.52	109.99 8.34 -4.00	107.68 8.05 -1.02
FALCON____SEABRD_CC1 323796	79.75 0.02 0.00	82.58 0.05 0.00	78.29 -0.11 0.00	76.89 -0.06 0.00	69.88 0.05 0.00	63.45 -0.02 0.00	78.24 0.01 0.00	89.76 -0.10 0.00	87.65 -0.63 0.00	89.23 -0.76 0.00	105.72 -0.77 0.00	116.66 -1.06 0.00	108.46 -1.01 0.00	90.60 -1.25 0.00	38.62 -0.49 0.00	93.94 -1.13 0.00	122.41 -1.14 0.00	439.56 -3.40 0.00	131.09 -1.78 0.00	79.18 -1.30 0.00	79.68 -1.92 0.00	30.33 -0.73 0.00	95.16 -2.49 0.00	95.99 -2.62 0.00

FALCON___SEABRD_CC2 323797	79.75 0.02 0.00	82.58 0.05 0.00	78.29 -0.11 0.00	76.89 -0.06 0.00	69.88 0.05 0.00	63.45 -0.02 0.00	78.24 0.01 0.00	89.76 -0.10 0.00	87.65 -0.63 0.00	89.23 -0.76 0.00	105.72 -0.77 0.00	116.66 -1.06 0.00	108.46 -1.01 0.00	90.60 -1.25 0.00	38.62 -0.49 0.00	93.94 -1.13 0.00	122.41 -1.14 0.00	439.56 -3.40 0.00	131.09 -1.78 0.00	79.18 -1.30 0.00	79.68 -1.92 0.00	30.33 -0.73 0.00	95.16 -2.49 0.00	95.99 -2.62 0.00
FAR ROCKAWAY___4 23548	86.68 6.96 0.00	89.42 6.89 0.00	84.71 6.31 0.00	83.16 6.21 0.00	75.66 5.83 0.00	68.55 5.09 0.00	85.23 7.00 0.00	98.50 8.65 0.00	97.85 9.57 0.00	100.32 10.33 0.00	137.83 13.33 -18.01	145.69 14.95 -13.02	148.04 13.98 -24.59	157.90 11.84 -54.21	148.58 5.07 -104.39	144.82 12.08 -37.67	154.39 14.72 -16.12	498.34 45.90 -9.49	205.76 15.97 -56.92	285.94 10.09 -195.37	229.84 10.57 -137.67	253.42 4.10 -218.26	114.83 12.80 -4.38	111.79 12.18 -1.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	85.04 5.32 0.00	87.72 5.20 0.00	83.28 4.88 0.00	81.80 4.86 0.00	74.25 4.43 0.00	67.27 3.81 0.00	83.34 5.11 0.00	96.45 6.59 0.00	95.54 7.25 0.00	97.95 7.96 0.00	132.03 10.52 -15.03	138.23 11.72 -8.80	138.01 10.96 -17.59	143.99 9.23 -42.91	137.60 3.94 -94.54	134.18 9.40 -29.71	149.12 11.45 -14.12	479.70 36.74 0.00	144.64 11.76 0.00	104.65 7.50 -16.67	127.28 7.96 -37.72	125.55 3.11 -91.38	111.34 9.78 -3.91	108.91 9.30 -1.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	85.09 5.36 0.00	87.77 5.24 0.00	83.33 4.93 0.00	81.84 4.90 0.00	74.30 4.48 0.00	67.31 3.84 0.00	83.39 5.17 0.00	96.51 6.65 0.00	95.60 7.31 0.00	97.97 7.98 0.00	132.12 10.61 -15.03	138.29 11.78 -8.80	138.07 11.02 -17.59	144.05 9.29 -42.91	137.62 3.96 -94.54	134.27 9.49 -29.71	149.18 11.52 -14.12	480.09 37.14 0.00	144.72 11.85 0.00	104.70 7.55 -16.67	127.34 8.02 -37.72	125.56 3.13 -91.38	111.43 9.87 -3.91	108.97 9.36 -1.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	85.00 5.28 0.00	87.68 5.15 0.00	83.24 4.85 0.00	81.76 4.81 0.00	74.23 4.41 0.00	67.25 3.78 0.00	83.30 5.07 0.00	96.40 6.55 0.00	95.49 7.21 0.00	97.88 7.89 0.00	132.00 10.48 -15.03	138.18 11.66 -8.80	137.96 10.91 -17.59	143.95 9.18 -42.91	137.57 3.91 -94.54	134.12 9.34 -29.71	149.01 11.35 -14.12	479.46 36.51 0.00	144.57 11.69 0.00	104.60 7.45 -16.67	127.24 7.92 -37.72	125.53 3.09 -91.38	111.29 9.73 -3.91	108.82 9.21 -1.00
FARRAGUT___LBMP 323566	84.93 5.20 0.00	87.61 5.08 0.00	83.18 4.78 0.00	81.73 4.78 0.00	74.16 4.34 0.00	67.19 3.72 0.00	83.24 5.02 0.00	96.31 6.46 0.00	95.40 7.12 0.00	97.78 7.79 0.00	131.85 10.34 -15.03	138.05 11.53 -8.80	137.83 10.78 -17.59	143.83 9.06 -42.91	137.53 3.87 -94.54	134.02 9.24 -29.71	148.88 11.22 -14.12	478.91 35.96 0.00	144.43 11.55 0.00	104.52 7.37 -16.67	127.16 7.83 -37.72	125.50 3.06 -91.38	111.21 9.65 -3.91	108.75 9.14 -1.00
FENNER___WINDPWR 24204	81.18 1.45 0.00	84.12 1.59 0.00	79.88 1.49 0.00	78.42 1.48 0.00	71.30 1.47 0.00	64.97 1.51 0.00	80.60 2.37 0.00	92.76 2.91 0.00	91.43 3.14 0.00	93.10 3.11 0.00	110.66 3.69 -0.48	121.97 3.97 -0.28	113.58 3.55 -0.56	96.55 3.33 -1.38	43.41 1.27 -3.03	99.18 3.16 -0.95	128.42 4.43 -0.45	458.52 15.56 0.00	137.40 4.52 0.00	83.58 2.56 -0.53	85.42 2.61 -1.21	40.52 0.89 -8.58	100.71 2.63 -0.43	101.16 2.41 -0.13
FIBERTEK___ENERGY 23856	78.65 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.60 0.00	78.50 0.27 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.81 0.82 0.00	107.70 0.82 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.21 1.21 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.58 1.66 -0.38	449.99 7.03 0.00	134.89 2.01 0.00	81.78 0.85 -0.45	83.66 1.05 -1.01	37.67 0.22 -6.39	98.35 0.68 -0.02	99.22 0.58 -0.02
FITZPATRICK____ 23598	76.63 -3.10 0.00	79.32 -3.21 0.00	75.31 -3.08 0.00	73.92 -3.02 0.00	67.14 -2.69 0.00	61.13 -2.34 0.00	75.38 -2.85 0.00	86.47 -3.39 0.00	85.09 -3.20 0.00	86.69 -3.30 0.00	102.53 -3.95 0.00	113.42 -4.29 0.00	105.37 -4.09 0.00	88.65 -3.20 0.00	37.74 -1.37 0.00	91.69 -3.38 0.00	119.19 -4.35 0.00	427.55 -15.40 0.00	128.21 -4.67 0.00	77.54 -2.94 0.00	78.69 -2.91 0.00	32.77 -1.11 -2.82	93.96 -3.70 0.00	94.90 -3.73 -0.01
FLOWRFLD_69_KV_BK1 356044	87.01 7.28 0.00	89.59 7.05 0.00	84.73 6.33 0.00	83.05 6.10 0.00	75.61 5.78 0.00	68.57 5.10 0.00	85.57 7.34 0.00	98.78 8.92 0.00	98.71 10.43 0.00	101.31 11.32 0.00	139.16 14.67 -18.01	147.21 16.47 -13.02	149.58 15.52 -24.59	159.31 13.25 -54.21	149.13 5.62 -104.39	146.24 13.50 -37.67	153.84 16.72 -13.58	492.54 49.03 -0.55	207.66 17.87 -56.92	286.82 10.97 -195.37	230.14 10.87 -137.67	253.77 4.45 -218.26	115.87 13.83 -4.38	112.50 12.89 -1.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	85.78 6.05 0.00	88.45 5.92 0.00	83.96 5.56 0.00	82.42 5.47 0.00	74.82 4.99 0.00	67.90 4.43 0.00	84.21 5.98 0.00	97.32 7.47 0.00	96.29 8.01 0.00	98.47 8.48 0.00	131.87 10.84 -14.54	138.56 12.32 -8.51	137.96 11.48 -17.02	143.12 9.74 -41.53	134.72 4.11 -91.49	133.77 9.95 -28.75	149.72 12.51 -13.66	485.21 42.25 0.00	146.14 13.27 0.00	104.89 8.27 -16.13	126.90 8.79 -36.51	124.91 3.34 -90.50	111.94 10.34 -3.95	109.60 9.96 -1.02
FORT ORANGE____ 23900	83.81 4.08 0.00	86.58 4.06 0.00	82.31 3.91 0.00	80.87 3.92 0.00	73.30 3.47 0.00	66.14 2.67 0.00	81.09 2.86 0.00	92.72 2.86 0.00	91.27 2.98 0.00	92.99 3.00 0.00	108.70 3.11 0.88	120.97 3.77 0.52	111.71 3.28 1.04	91.88 2.56 2.53	34.80 1.25 5.57	96.07 2.75 1.75	126.15 3.43 0.83	453.39 10.44 0.00	136.93 4.06 0.00	81.53 2.03 0.98	81.87 2.50 2.22	113.12 1.10 -80.95	109.32 4.23 -7.44	105.83 4.97 -2.25
FORT_DRUM_COGEN 23780	81.13 1.40 0.00	84.17 1.64 0.00	79.69 1.29 0.00	78.26 1.32 0.00	71.15 1.32 0.00	64.99 1.53 0.00	81.46 3.23 0.00	94.14 4.28 0.00	92.60 4.31 0.00	94.16 4.17 0.00	110.91 4.43 0.00	122.39 4.67 0.00	112.41 2.95 0.00	94.50 2.64 0.00	39.96 0.84 0.00	97.68 2.61 0.00	128.94 5.40 0.00	464.90 21.94 0.00	138.67 5.79 0.00	83.85 3.37 0.00	84.25 2.66 0.00	34.24 0.62 -2.56	98.71 1.06 0.00	99.09 0.46 -0.01
FOX_HILLS___ESR 323835	86.57 6.02 -0.82	88.44 5.91 0.00	83.77 5.37 0.00	82.22 5.27 0.00	74.66 4.83 0.00	76.79 4.24 -9.08	85.30 5.50 -1.57	105.26 7.01 -8.40	244.31 7.71 -148.31	128.38 8.20 -30.19	151.76 11.19 -34.10	130.23 12.22 -0.30	125.93 11.39 -5.07	136.35 9.61 -34.89	129.17 4.10 -85.95	124.77 9.85 -19.84	139.89 11.79 -4.55	478.74 39.20 3.42	137.26 12.69 8.30	91.66 8.15 -3.03	101.70 8.65 -11.45	162.52 3.34 -128.12	112.41 10.52 -4.24	109.48 9.86 -1.00
FPL FAR_ROCK_GT1 24212	86.68 6.95 0.00	89.42 6.89 0.00	84.71 6.31 0.00	83.16 6.21 0.00	75.66 5.83 0.00	68.55 5.09 0.00	85.23 7.00 0.00	98.50 8.65 0.00	97.85 9.56 0.00	100.32 10.33 0.00	137.82 13.33 -18.01	145.70 14.96 -13.02	148.06 14.01 -24.59	157.90 11.83 -54.21	148.57 5.06 -104.39	144.81 12.07 -37.67	154.32 14.65 -16.12	497.87 45.43 -9.49	205.76 15.97 -56.92	285.94 10.09 -195.37	229.84 10.56 -137.67	253.42 4.10 -218.26	114.84 12.81 -4.38	111.80 12.18 -1.00

FPL FAR_ROCK_GT2 23815	86.68 6.95 0.00	89.42 6.89 0.00	84.71 6.31 0.00	83.16 6.21 0.00	75.66 5.83 0.00	68.55 5.09 0.00	85.23 7.00 0.00	98.50 8.65 0.00	97.85 9.56 0.00	100.32 10.33 0.00	137.82 13.33 -18.01	145.70 14.96 -13.02	148.06 14.01 -24.59	157.90 11.83 -54.21	148.57 5.06 -104.39	144.81 12.07 -37.67	154.32 14.65 -16.12	497.87 45.43 -9.49	205.76 15.97 -56.92	285.94 10.09 -195.37	229.84 10.56 -137.67	253.42 4.10 -218.26	114.84 12.81 -4.38	111.80 12.18 -1.00
FRANKLIN_FALL_HYD 24054	80.26 0.53 0.00	83.29 0.76 0.00	78.88 0.48 0.00	77.36 0.42 0.00	70.38 0.55 0.00	64.17 0.70 0.00	79.12 0.89 0.00	90.89 1.03 0.00	88.80 0.51 0.00	90.64 0.65 0.00	106.83 0.35 0.00	117.65 -0.06 0.00	109.60 0.14 0.00	91.56 -0.29 0.00	38.94 -0.17 0.00	94.95 -0.12 0.00	123.90 0.35 0.00	446.10 3.14 0.00	132.94 0.06 0.00	80.29 -0.19 0.00	80.70 -0.90 0.00	30.66 -0.40 0.00	96.22 -1.43 0.00	96.55 -2.06 0.00
FREEPORT_EQUS_GT1 23764	86.09 6.36 0.00	88.75 6.22 0.00	84.08 5.68 0.00	82.49 5.55 0.00	75.08 5.25 0.00	68.01 4.54 0.00	84.54 6.31 0.00	97.74 7.89 0.00	97.20 8.92 0.00	99.62 9.63 0.00	136.67 12.18 -18.01	144.40 13.66 -13.02	146.45 12.40 -24.59	156.62 10.56 -54.21	148.00 4.49 -104.39	143.46 10.72 -37.67	151.31 13.20 -14.56	486.40 40.10 -3.34	204.39 14.60 -56.92	285.08 9.22 -195.37	228.86 9.59 -137.67	253.17 3.85 -218.26	114.07 12.03 -4.38	110.98 11.37 -1.00
FREEPORT___CT2 23818	86.09 6.36 0.00	88.75 6.22 0.00	84.08 5.68 0.00	82.49 5.55 0.00	75.08 5.25 0.00	68.01 4.54 0.00	84.54 6.31 0.00	97.74 7.89 0.00	97.20 8.92 0.00	99.62 9.63 0.00	136.67 12.18 -18.01	144.40 13.66 -13.02	146.45 12.40 -24.59	156.62 10.56 -54.21	148.00 4.49 -104.39	143.46 10.72 -37.67	151.31 13.20 -14.56	486.40 40.10 -3.34	204.39 14.60 -56.92	285.08 9.22 -195.37	228.86 9.59 -137.67	253.17 3.85 -218.26	114.07 12.03 -4.38	110.98 11.37 -1.00
FRESHKLS_33_KV_LOAD 356253	86.61 6.06 -0.82	88.48 5.95 0.00	83.75 5.36 0.00	82.18 5.23 0.00	74.64 4.81 0.00	76.84 4.29 -9.08	85.28 5.48 -1.57	105.18 6.93 -8.40	244.21 7.61 -148.31	128.38 8.06 -30.33	153.10 11.07 -35.55	130.91 11.93 -1.26	127.04 11.12 -6.45	137.03 9.38 -35.81	130.04 4.01 -86.92	125.65 9.64 -20.93	140.72 11.57 -5.61	478.80 38.79 2.95	138.27 12.63 7.23	93.77 8.10 -5.19	106.36 8.58 -16.18	163.20 3.33 -128.81	112.31 10.42 -4.24	109.32 9.71 -1.00
FULTON COGEN____ 23766	77.21 -2.52 0.00	79.90 -2.63 0.00	75.88 -2.52 0.00	74.45 -2.49 0.00	67.66 -2.16 0.00	61.63 -1.84 0.00	76.13 -2.10 0.00	87.44 -2.42 0.00	86.18 -2.11 0.00	87.81 -2.17 0.00	103.87 -2.61 0.00	114.81 -2.91 0.00	106.60 -2.87 0.00	89.73 -2.12 0.00	38.18 -0.94 0.00	92.81 -2.26 0.00	120.68 -2.87 0.00	433.14 -9.81 0.00	129.92 -2.96 0.00	78.55 -1.93 0.00	79.71 -1.89 0.00	34.24 -0.77 -3.95	95.01 -2.63 0.00	95.88 -2.74 -0.02
FULTON___LFGE 323630	84.60 4.87 0.00	87.51 4.98 0.00	83.17 4.77 0.00	81.65 4.71 0.00	74.12 4.29 0.00	67.55 4.09 0.00	83.94 5.71 0.00	96.72 6.87 0.00	94.78 6.49 0.00	96.23 6.24 0.00	112.68 6.86 0.66	124.30 6.97 0.39	114.70 6.01 0.77	95.44 5.48 1.89	37.00 2.04 4.15	99.65 5.89 1.31	132.17 9.25 0.62	478.68 35.73 0.00	143.80 10.92 0.00	86.26 6.51 0.73	86.33 6.39 1.66	136.79 2.24 -103.50	117.50 6.64 -13.21	108.78 6.38 -3.79
G.F.CEMENT___DRP 24184	86.09 6.36 0.00	88.72 6.20 0.00	84.34 5.94 0.00	82.85 5.90 0.00	75.38 5.55 0.00	68.65 5.19 0.00	85.36 7.13 0.00	98.06 8.20 0.00	96.60 8.32 0.00	98.25 8.26 0.00	115.38 9.58 0.68	128.51 11.18 0.39	118.56 9.88 0.79	98.00 8.08 1.93	38.29 3.41 4.24	102.48 8.74 1.33	134.78 11.86 0.63	483.31 40.36 0.00	145.32 12.44 0.00	87.46 7.72 0.75	88.42 8.51 1.69	133.10 3.16 -98.88	120.80 9.66 -13.49	111.81 9.35 -3.84
GARDENVILLE___LBMP 24039	74.84 -4.89 0.00	77.57 -4.96 0.00	73.52 -4.88 0.00	72.05 -4.90 0.00	65.70 -4.12 0.00	60.52 -2.94 0.00	73.95 -4.28 0.00	83.55 -6.30 0.00	82.02 -6.27 0.00	83.47 -6.52 0.00	98.49 -8.65 -0.66	109.14 -8.96 -0.39	101.82 -8.42 -0.77	87.94 -5.81 -1.89	40.35 -2.94 -4.17	90.11 -6.27 -1.31	115.92 -8.25 -0.62	416.54 -26.42 0.00	124.36 -8.52 0.00	75.22 -5.99 -0.74	77.34 -5.92 -1.66	39.91 -2.80 -11.66	90.79 -7.45 -0.59	92.11 -6.69 -0.18
GARDNVLA_35_KV_LD 355827	75.17 -4.56 0.00	77.90 -4.63 0.00	73.82 -4.57 0.00	72.34 -4.61 0.00	65.96 -3.87 0.00	60.78 -2.69 0.00	74.31 -3.92 0.00	83.93 -5.92 0.00	82.40 -5.89 0.00	83.85 -6.14 0.00	98.97 -8.17 -0.67	109.64 -8.46 -0.39	102.30 -7.95 -0.78	88.39 -5.37 -1.91	40.57 -2.75 -4.20	90.56 -5.84 -1.32	116.50 -7.68 -0.63	418.66 -24.30 0.00	125.04 -7.83 0.00	75.67 -5.55 -0.74	77.77 -5.50 -1.68	40.14 -2.67 -11.75	91.20 -7.04 -0.60	92.54 -6.26 -0.18
GELCKHM___115KV_LOAD 80723	78.09 -1.63 0.00	80.82 -1.70 0.00	76.75 -1.65 0.00	75.34 -1.61 0.00	68.47 -1.36 0.00	62.38 -1.09 0.00	77.48 -0.75 0.00	89.15 -0.71 0.00	87.86 -0.43 0.00	89.44 -0.55 0.00	106.10 -0.74 -0.36	117.27 -0.65 -0.21	109.10 -0.78 -0.42	92.61 -0.26 -1.02	41.18 -0.18 -2.24	95.37 -0.41 -0.71	123.51 -0.37 -0.33	442.22 -0.74 0.00	132.61 -0.26 0.00	80.47 -0.41 -0.39	82.19 -0.30 -0.90	36.54 -0.22 -5.70	96.90 -0.77 -0.02	97.78 -0.86 -0.02
GENERAL___MILLS 23808	75.08 -4.65 0.00	77.82 -4.71 0.00	73.74 -4.65 0.00	72.26 -4.68 0.00	65.89 -3.94 0.00	60.70 -2.76 0.00	74.20 -4.03 0.00	83.83 -6.03 0.00	82.27 -6.01 0.00	83.72 -6.27 0.00	98.82 -8.33 -0.67	109.51 -8.60 -0.39	102.15 -8.09 -0.78	88.24 -5.51 -1.90	40.50 -2.81 -4.19	90.42 -5.97 -1.32	116.29 -7.88 -0.63	417.94 -25.01 0.00	124.80 -8.08 0.00	75.52 -5.70 -0.74	77.63 -5.64 -1.67	40.08 -2.71 -11.72	91.08 -7.17 -0.60	92.42 -6.38 -0.18
GE_PLASTICS___DRP 24183	82.97 3.24 0.00	85.77 3.24 0.00	81.53 3.13 0.00	80.06 3.12 0.00	72.58 2.75 0.00	65.55 2.09 0.00	80.70 2.47 0.00	92.63 2.78 0.00	91.22 2.93 0.00	92.92 2.93 0.00	108.35 3.24 1.37	120.83 3.91 0.80	111.40 3.54 1.60	90.77 2.83 3.91	31.83 1.32 8.61	95.38 3.01 2.71	125.90 3.65 1.29	453.95 11.00 0.00	136.87 4.00 0.00	81.19 2.23 1.52	80.80 2.64 3.44	109.66 1.12 -77.48	108.04 3.94 -6.45	104.71 4.10 -1.99
GILBOA___1 23756	82.94 3.21 0.00	85.99 3.46 0.00	81.69 3.29 0.00	80.20 3.26 0.00	72.52 2.69 0.00	65.32 1.85 0.00	80.68 2.46 0.00	92.84 2.99 0.00	91.53 3.24 0.00	93.30 3.31 0.00	110.63 4.15 0.00	122.60 4.88 0.00	113.95 4.48 0.00	95.63 3.78 0.00	40.73 1.62 0.00	98.91 3.84 0.00	128.01 4.46 0.00	456.98 14.02 0.00	137.46 4.58 0.00	83.46 2.98 0.00	84.85 3.25 0.00	89.80 1.30 -57.44	104.30 3.99 -2.66	103.65 4.12 -0.92
GILBOA___2 23757	82.94 3.21 0.00	85.99 3.46 0.00	81.69 3.29 0.00	80.20 3.26 0.00	72.52 2.69 0.00	65.32 1.85 0.00	80.68 2.46 0.00	92.84 2.99 0.00	91.53 3.24 0.00	93.30 3.31 0.00	110.63 4.15 0.00	122.60 4.88 0.00	113.95 4.48 0.00	95.63 3.78 0.00	40.73 1.62 0.00	98.91 3.84 0.00	128.01 4.46 0.00	456.98 14.02 0.00	137.46 4.58 0.00	83.46 2.98 0.00	84.85 3.25 0.00	89.80 1.30 -57.44	104.30 3.99 -2.66	103.65 4.12 -0.92

GILBOA___3 23758	82.94 3.21 0.00	85.99 3.46 0.00	81.69 3.29 0.00	80.20 3.26 0.00	72.52 2.69 0.00	65.32 1.85 0.00	80.68 2.46 0.00	92.84 2.99 0.00	91.53 3.24 0.00	93.30 3.31 0.00	110.63 4.15 0.00	122.60 4.88 0.00	113.95 4.48 0.00	95.63 3.78 0.00	40.73 1.62 0.00	98.91 3.84 0.00	128.01 4.46 0.00	456.98 14.02 0.00	137.46 4.58 0.00	83.46 2.98 0.00	84.85 3.25 0.00	89.80 1.30 -57.44	104.30 3.99 -2.66	103.65 4.12 -0.92
GILBOA___4 23759	82.94 3.21 0.00	85.99 3.46 0.00	81.69 3.29 0.00	80.20 3.26 0.00	72.52 2.69 0.00	65.32 1.85 0.00	80.68 2.46 0.00	92.84 2.99 0.00	91.53 3.24 0.00	93.30 3.31 0.00	110.63 4.15 0.00	122.60 4.88 0.00	113.95 4.48 0.00	95.63 3.78 0.00	40.73 1.62 0.00	98.91 3.84 0.00	128.01 4.46 0.00	456.98 14.02 0.00	137.46 4.58 0.00	83.46 2.98 0.00	84.85 3.25 0.00	89.80 1.30 -57.44	104.30 3.99 -2.66	103.65 4.12 -0.92
GILBOA___ 23599	82.94 3.21 0.00	85.99 3.46 0.00	81.69 3.29 0.00	80.21 3.26 0.00	72.52 2.69 0.00	65.32 1.85 0.00	80.68 2.46 0.00	92.84 2.99 0.00	91.53 3.24 0.00	93.30 3.31 0.00	110.63 4.15 0.00	122.60 4.88 0.00	113.93 4.47 0.00	95.63 3.78 0.00	40.73 1.62 0.00	98.91 3.84 0.00	128.01 4.47 0.00	457.06 14.10 0.00	137.46 4.58 0.00	83.46 2.97 0.00	84.85 3.25 0.00	89.80 1.30 -57.44	104.30 3.99 -2.66	103.66 4.12 -0.92
GINNA___ 23603	73.13 -6.59 0.00	75.78 -6.75 0.00	71.90 -6.50 0.00	70.55 -6.39 0.00	64.28 -5.55 0.00	58.96 -4.51 0.00	72.83 -5.40 0.00	83.19 -6.67 0.00	81.71 -6.58 0.00	83.19 -6.80 0.00	98.42 -8.53 -0.47	108.92 -9.07 -0.27	101.54 -8.47 -0.55	86.71 -6.47 -1.33	39.13 -2.92 -2.93	89.23 -6.76 -0.92	115.26 -8.72 -0.44	414.01 -28.95 0.00	123.76 -9.11 0.00	75.00 -6.00 -0.52	76.69 -6.08 -1.17	35.79 -2.62 -7.35	89.70 -7.98 -0.03	90.88 -7.76 -0.03
GLEN PARK___ 23778	81.47 1.75 0.00	84.51 1.98 0.00	80.01 1.61 0.00	78.58 1.63 0.00	71.43 1.61 0.00	65.29 1.83 0.00	81.92 3.69 0.00	94.68 4.82 0.00	93.18 4.89 0.00	94.65 4.66 0.00	111.43 4.95 0.00	122.90 5.19 0.00	112.75 3.29 0.00	94.85 3.00 0.00	40.12 1.01 0.00	98.17 3.10 0.00	129.75 6.21 0.00	468.15 25.20 0.00	139.63 6.75 0.00	84.42 3.93 0.00	84.84 3.24 0.00	34.54 0.83 -2.65	99.29 1.64 0.00	99.61 0.99 -0.01
GLENDALE_27_KV_LOAD 356172	85.66 5.93 0.00	88.32 5.79 0.00	83.75 5.35 0.00	82.23 5.29 0.00	74.67 4.84 0.00	67.69 4.23 0.00	83.92 5.69 0.00	97.14 7.29 0.00	96.28 7.99 0.00	98.92 8.64 -0.29	136.00 11.47 -18.05	141.28 12.76 -10.80	141.88 11.95 -20.46	147.07 10.10 -45.12	140.13 4.30 -96.72	137.34 10.29 -31.98	152.36 12.49 -16.31	484.73 40.80 -0.97	148.11 13.02 -2.21	111.04 8.29 -22.27	138.07 8.77 -47.71	127.28 3.40 -92.83	112.24 10.67 -3.92	109.72 10.11 -1.00
GLENWOOD_IC_1_G5 23712	85.67 5.94 0.00	88.36 5.83 0.00	83.79 5.39 0.00	82.24 5.30 0.00	74.76 4.94 0.00	67.28 3.81 0.00	83.52 5.29 0.00	96.58 6.72 0.00	95.88 7.60 0.00	98.25 8.26 0.00	135.28 10.79 -18.01	142.95 12.21 -13.02	145.43 11.37 -24.59	155.70 9.64 -54.21	147.62 4.11 -104.39	142.52 9.78 -37.67	150.20 12.03 -14.62	484.60 37.60 -4.04	202.42 12.63 -56.92	283.84 7.99 -195.37	227.69 8.42 -137.67	252.61 3.29 -218.26	112.39 10.36 -4.38	110.03 10.42 -1.00
GLENWOOD_IC_2_G1 23688	85.27 5.55 0.00	87.97 5.44 0.00	83.44 5.04 0.00	81.92 4.98 0.00	74.43 4.60 0.00	67.38 3.91 0.00	83.60 5.37 0.00	96.65 6.80 0.00	95.85 7.56 0.00	98.17 8.18 0.00	135.16 10.67 -18.01	142.83 12.09 -13.02	145.32 11.26 -24.59	155.60 9.54 -54.21	147.55 4.04 -104.39	142.41 9.67 -37.67	150.41 11.89 -14.97	485.83 37.48 -5.40	202.27 12.47 -56.92	283.74 7.88 -195.37	227.63 8.36 -137.67	252.58 3.26 -218.26	112.23 10.19 -4.38	109.41 9.79 -1.00
GLENWOOD_IC_3_G1 23689	85.27 5.55 0.00	87.97 5.44 0.00	83.44 5.04 0.00	81.92 4.98 0.00	74.43 4.60 0.00	67.38 3.91 0.00	83.60 5.37 0.00	96.65 6.80 0.00	95.85 7.56 0.00	98.17 8.18 0.00	135.16 10.67 -18.01	142.83 12.09 -13.02	145.32 11.26 -24.59	155.60 9.54 -54.21	147.55 4.04 -104.39	142.41 9.67 -37.67	150.41 11.89 -14.97	485.83 37.48 -5.40	202.27 12.47 -56.92	283.74 7.88 -195.37	227.63 8.36 -137.67	252.58 3.26 -218.26	112.23 10.19 -4.38	109.41 9.79 -1.00
GLENWOOD___4 23550	85.67 5.94 0.00	88.36 5.83 0.00	83.79 5.39 0.00	82.24 5.30 0.00	74.76 4.94 0.00	67.43 3.97 0.00	83.73 5.51 0.00	96.83 6.98 0.00	96.11 7.82 0.00	98.47 8.48 0.00	135.55 11.06 -18.01	143.25 12.51 -13.02	145.71 11.65 -24.59	155.97 9.91 -54.21	147.71 4.20 -104.39	142.75 10.00 -37.67	150.55 12.38 -14.62	485.77 38.77 -4.04	202.75 12.96 -56.92	284.03 8.18 -195.37	227.90 8.63 -137.67	252.69 3.36 -218.26	112.63 10.59 -4.38	110.03 10.42 -1.00
GLENWOOD___5 23614	85.67 5.94 0.00	88.36 5.83 0.00	83.79 5.39 0.00	82.24 5.30 0.00	74.76 4.94 0.00	67.43 3.97 0.00	83.73 5.51 0.00	96.83 6.98 0.00	96.11 7.82 0.00	98.47 8.48 0.00	135.55 11.06 -18.01	143.25 12.51 -13.02	145.71 11.65 -24.59	155.97 9.91 -54.21	147.71 4.20 -104.39	142.75 10.00 -37.67	150.55 12.38 -14.62	485.77 38.77 -4.04	202.75 12.96 -56.92	284.03 8.18 -195.37	227.90 8.63 -137.67	252.69 3.36 -218.26	112.63 10.59 -4.38	110.03 10.42 -1.00
GLOBAL GREEN_PORT_GT1 23814	87.10 7.37 0.00	89.71 7.18 0.00	84.81 6.41 0.00	83.09 6.15 0.00	75.77 5.94 0.00	69.24 5.77 0.00	86.95 8.72 0.00	100.15 10.29 0.00	102.05 13.77 0.00	105.01 15.03 0.00	143.61 19.13 -18.01	152.21 21.47 -13.02	154.26 20.20 -24.59	163.40 17.34 -54.21	150.84 7.33 -104.39	150.54 17.80 -37.67	158.70 21.58 -13.57	500.19 56.72 -0.52	212.35 22.56 -56.92	290.57 14.72 -195.37	232.48 13.21 -137.67	254.34 5.02 -218.26	117.26 15.23 -4.38	113.77 14.15 -1.00
GLOBE___DSASP 323697	71.49 -8.23 0.00	74.06 -8.46 0.00	70.22 -8.18 0.00	68.77 -8.17 0.00	62.71 -7.11 0.00	57.77 -5.70 0.00	70.55 -7.68 0.00	79.33 -10.52 0.00	77.63 -10.66 0.00	78.91 -11.08 0.00	92.95 -14.14 -0.61	103.06 -15.01 -0.36	96.23 -13.95 -0.72	83.09 -10.51 -1.75	38.01 -4.96 -3.85	85.31 -10.97 -1.21	109.73 -14.39 -0.58	394.88 -48.08 0.00	117.88 -14.99 0.00	71.32 -9.84 -0.68	73.24 -9.90 -1.54	37.46 -4.40 -10.80	86.17 -12.02 -0.55	87.86 -10.92 -0.17
GOETHSLN___LBMP 323567	84.51 4.78 0.00	87.15 4.62 0.00	82.77 4.37 0.00	81.33 4.39 0.00	73.81 3.99 0.00	66.86 3.40 0.00	82.83 4.60 0.00	95.80 5.95 0.00	94.91 6.63 0.00	97.30 7.31 0.00	131.20 9.69 -15.03	137.28 10.77 -8.80	136.74 9.93 -17.34	143.19 8.43 -42.91	137.27 3.61 -94.54	133.29 8.61 -29.61	148.12 10.45 -14.12	476.12 33.17 0.00	143.54 10.66 0.00	104.00 6.85 -16.67	126.67 7.34 -37.72	125.32 2.88 -91.38	110.58 9.02 -3.91	108.13 8.52 -1.00
GOLAH___69_KV_TB 1_2 80279	76.19 -3.54 0.00	78.88 -3.65 0.00	74.83 -3.57 0.00	73.43 -3.52 0.00	66.93 -2.89 0.00	61.48 -1.99 0.00	75.73 -2.50 0.00	86.30 -3.55 0.00	84.80 -3.48 0.00	86.31 -3.68 0.00	101.98 -5.00 -0.49	112.90 -5.10 -0.29	105.25 -4.79 -0.57	90.02 -3.23 -1.40	40.54 -1.66 -3.09	92.61 -3.43 -0.97	119.57 -4.43 -0.46	430.39 -12.56 0.00	128.71 -4.16 0.00	77.86 -3.16 -0.54	79.66 -3.17 -1.23	38.15 -1.62 -8.70	93.66 -4.42 -0.43	94.69 -4.06 -0.13

GOODYEAR_LAKE_HYD 323669	83.09 3.36 0.00	86.08 3.56 0.00	81.78 3.38 0.00	80.31 3.37 0.00	72.85 3.02 0.00	66.19 2.72 0.00	82.15 3.92 0.00	94.63 4.77 0.00	93.21 4.93 0.00	95.05 5.06 0.00	114.03 6.22 -1.33	125.24 6.75 -0.77	117.19 6.17 -1.55	101.08 5.45 -3.78	49.63 2.18 -8.33	103.16 5.47 -2.62	131.96 7.17 -1.24	468.75 25.80 0.00	140.55 7.67 0.00	86.53 4.58 -1.47	89.49 4.57 -3.33	63.80 1.62 -31.11	107.39 4.88 -4.86	104.66 4.72 -1.33
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	79.49 -0.23 0.00	82.26 -0.27 0.00	78.13 -0.27 0.00	76.66 -0.28 0.00	69.70 -0.13 0.00	63.45 -0.02 0.00	78.45 0.22 0.00	90.10 0.24 0.00	88.99 0.70 0.00	90.64 0.65 0.00	108.76 0.96 -1.32	119.56 1.08 -0.77	111.79 0.78 -1.54	96.96 1.35 -3.76	47.69 0.30 -8.28	98.58 0.91 -2.60	125.93 1.14 -1.24	446.41 3.45 0.00	133.73 0.85 0.00	82.26 0.31 -1.46	85.47 0.57 -3.31	54.09 0.08 -22.96	99.51 0.61 -1.25	99.41 0.41 -0.38
GOUDEY___7 23579	79.49 -0.23 0.00	82.26 -0.27 0.00	78.13 -0.27 0.00	76.66 -0.28 0.00	69.70 -0.13 0.00	63.45 -0.02 0.00	78.45 0.22 0.00	90.10 0.24 0.00	88.99 0.70 0.00	90.64 0.65 0.00	108.76 0.96 -1.32	119.56 1.08 -0.77	111.79 0.78 -1.54	96.96 1.35 -3.76	47.69 0.30 -8.28	98.58 0.91 -2.60	125.93 1.14 -1.24	446.41 3.45 0.00	133.73 0.85 0.00	82.26 0.31 -1.46	85.47 0.57 -3.31	54.09 0.08 -22.96	99.51 0.61 -1.25	99.41 0.41 -0.38
GOUDEY___8 23580	79.49 -0.23 0.00	82.26 -0.27 0.00	78.13 -0.27 0.00	76.66 -0.28 0.00	69.70 -0.13 0.00	63.45 -0.02 0.00	78.45 0.22 0.00	90.10 0.24 0.00	88.99 0.70 0.00	90.64 0.65 0.00	108.76 0.96 -1.32	119.56 1.08 -0.77	111.79 0.78 -1.54	96.96 1.35 -3.76	47.69 0.30 -8.28	98.58 0.91 -2.60	125.93 1.14 -1.24	446.41 3.45 0.00	133.73 0.85 0.00	82.26 0.31 -1.46	85.47 0.57 -3.31	54.09 0.08 -22.96	99.51 0.61 -1.25	99.41 0.41 -0.38
GOWANUS_GT1_1 24077	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_2 24078	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_3 24079	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_4 24080	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_5 24084	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_6 24111	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_7 24112	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT1_8 24113	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_1 24114	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_2 24115	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_3 24116	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00

GOWANUS_GT2_4 24117	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_5 24118	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_6 24119	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_7 24120	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT2_8 24121	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT3_1 24122	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
GOWANUS_GT3_2 24123	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 									

GOWANUS_GT4_3 24132	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.05 12.72 -161.61	357.25 11.83 -235.95	290.33 10.01 -188.47	290.89 4.26 -247.51	307.27 10.24 -201.97	316.91 12.35 -181.01	557.79 40.61 -74.22	315.88 13.08 -169.92	452.77 8.36 -363.92	891.31 8.89 -800.83	278.30 3.43 -243.81	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT4_4 24133	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.05 12.72 -161.61	357.25 11.83 -235.95	290.33 10.01 -188.47	290.89 4.26 -247.51	307.27 10.24 -201.97	316.91 12.35 -181.01	557.79 40.61 -74.22	315.88 13.08 -169.92	452.77 8.36 -363.92	891.31 8.89 -800.83	278.30 3.43 -243.81	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT4_5 24134	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.05 12.72 -161.61	357.25 11.83 -235.95	290.33 10.01 -188.47	290.89 4.26 -247.51	307.27 10.24 -201.97	316.91 12.35 -181.01	557.79 40.61 -74.22	315.88 13.08 -169.92	452.77 8.36 -363.92	891.31 8.89 -800.83	278.30 3.43 -243.81	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT4_6 24135	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.05 12.72 -161.61	357.25 11.83 -235.95	290.33 10.01 -188.47	290.89 4.26 -247.51	307.27 10.24 -201.97	316.91 12.35 -181.01	557.79 40.61 -74.22	315.88 13.08 -169.92	452.77 8.36 -363.92	891.31 8.89 -800.83	278.30 3.43 -243.81	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT4_7 24136	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.05 12.72 -161.61	357.25 11.83 -235.95	290.33 10.01 -188.47	290.89 4.26 -247.51	307.27 10.24 -201.97	316.91 12.35 -181.01	557.79 40.61 -74.22	315.88 13.08 -169.92	452.77 8.36 -363.92	891.31 8.89 -800.83	278.30 3.43 -243.81	112.68 10.78 -4.24	109.78 10.17 -1.00
GOWANUS_GT4_8 24137	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.05 12.72 -161.61	357.25 11.83 -235.95	290.33 10.01 -188.47	290.89 4.26 -247.51	307.27 10.24 -201.97	316.91 12.35 -181.01	557.79 40.61 -74.22	315.88 13.08 -169.92	452.77 8.36 -363.92	891.31 8.89 -800.83	278.30 3.43 -243.81	112.68 10.78 -4.24	109.78 10.17 -1.00
GREENBSH_115KV_TB3 55895	83.18 3.46 0.00	85.96 3.43 0.00	81.75 3.35 0.00	80.28 3.34 0.00	72.75 2.92 0.00	65.61 2.15 0.00	80.56 2.34 0.00	92.37 2.51 0.00	90.98 2.69 0.00	92.65 2.66 0.00	108.05 2.72 1.15	120.40 3.36 0.67	111.15 3.02 1.34	90.94 2.36 3.27	33.08 1.18 7.21	95.36 2.56 2.27	125.51 3.04 1.08	451.91 8.95 0.00	136.46 3.58 0.00	80.94 1.73 1.27	80.91 2.19 2.88	113.27 1.01 -81.20	109.20 3.93 -7.62	105.11 4.19 -2.30
GREENDGE_115KV_TB5 80291	77.76 -1.97 0.00	80.21 -2.31 0.00	76.49 -1.91 0.00	75.12 -1.82 0.00	68.55 -1.27 0.00	62.83 -0.64 0.00	77.73 -0.50 0.00	88.93 -0.92 0.00	87.71 -0.58 0.00	89.15 -0.84 0.00	105.45 -1.84 -0.81	116.11 -2.08 -0.47	108.29 -2.12 -0.94	93.47 -0.69 -2.31	43.98 -0.22 -5.09	96.31 -0.36 -1.60	123.15 -1.16 -0.76	438.42 -4.54 0.00	131.28 -1.59 0.00	80.23 -1.15 -0.90	82.61 -1.02 -2.03	44.84 -0.38 -14.16	96.67 -1.71 -0.73	96.31 -2.53 -0.22
GREENIDGE___3 23582	77.76 -1.97 0.00	80.21 -2.31 0.00	76.49 -1.91 0.00	75.12 -1.82 0.00	68.55 -1.27 0.00	62.83 -0.64 0.00	77.73 -0.50 0.00	88.93 -0.92 0.00	87.71 -0.58 0.00	89.15 -0.84 0.00	105.45 -1.84 -0.81	116.11 -2.08 -0.47	108.29 -2.12 -0.94	93.47 -0.69 -2.31	43.98 -0.22 -5.09	96.31 -0.36 -1.60	123.15 -1.16 -0.76	438.42 -4.54 0.00	131.28 -1.59 0.00	80.23 -1.15 -0.90	82.61 -1.02 -2.03	44.84 -0.38 -14.16	96.67 -1.71 -0.73	96.31 -2.53 -0.22
GREENIDGE___4 23583	77.76 -1.97 0.00	80.22 -2.31 0.00	76.49 -1.91 0.00	75.12 -1.82 0.00	68.55 -1.28 0.00	62.83 -0.64 0.00	77.74 -0.49 0.00	88.94 -0.91 0.00	87.70 -0.58 0.00	89.17 -0.82 0.00	105.42 -1.87 -0.81	116.09 -2.10 -0.47	108.25 -2.16 -0.94	93.51 -0.65 -2.31	43.99 -0.21 -5.09	96.32 -0.35 -1.60	123.14 -1.17 -0.76	438.50 -4.46 0.00	131.29 -1.59 0.00	80.24 -1.13 -0.90	82.60 -1.03 -2.03	44.83 -0.39 -14.16	96.61 -1.77 -0.73	96.32 -2.52 -0.22
GREENLWN_69_KV_BK 3 55738	85.74 6.01 0.00	88.39 5.86 0.00	83.72 5.32 0.00	82.13 5.19 0.00	74.72 4.90 0.00	67.67 4.20 0.00	84.18 5.95 0.00	97.21 7.35 0.00	96.76 8.48 0.00	99.37 9.38 0.00	136.83 12.34 -18.01	144.61 13.87 -13.02	147.06 10.93 -24.59	156.99 10.93 -54.21	148.14 4.63 -104.39	143.77 11.03 -37.67	150.44 13.28 -13.61	483.05 39.42 -0.67	203.82 14.03 -56.92	284.69 8.84 -195.37	228.35 9.08 -137.67	252.97 3.64 -218.26	113.53 11.50 -4.38	110.51 10.89 -1.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	185.86 8.89 -95.37	174.91 3.43 -140.42	112.68 10.78 -4.24	109.78 10.17 -1.00
GRISSOM___SOLAR 323813	84.61 4.87 0.00	87.52 4.99 0.00	83.17 4.78 0.00	81.64 4.70 0.00	74.12 4.29 0.00	67.52 4.06 0.00	83.86 5.63 0.00	96.59 6.73 0.00	94.67 6.38 0.00	96.06 6.07 0.00	112.37 6.59 0.71	124.01 6.70 0.41	114.36 5.72 0.83	95.07 5.23 2.02	36.61 1.94 4.44	99.34 5.67 1.40	131.98 9.10 0.66	477.90 34.94 0.00	143.55 10.68 0.00	86.08 6.38 0.78	86.19 6.37 1.77	136.56 2.26 -103.24	117.80 6.74 -13.41	108.99 6.53 -3.84
GROVEVILLE___HYD 323602	85.78 6.05 0.00	88.45 5.92 0.00	83.96 5.56 0.00	82.42 5.47 0.00	74.82 4.99 0.00	67.90 4.43 0.00	84.21 5.98 0.00	97.32 7.47 0.00	96.29 8.01 0.00	98.47 8.48 0.00	131.87 10.84 -14.54	138.56 12.32 -8.51	137.96 11.48 -17.02	143.12 9.74 -41.53	134.72 4.11 -91.49	133.77 9.95 -28.75	149.72 12.51 -13.66	485.21 42.25 0.00	146.14 13.27 0.00	104.89 8.27 -16.13	126.90 8.79 -36.51	124.91 3.34 -90.50	111.94 10.34 -3.95	109.60 9.96 -1.02
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	78.65 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.60 0.00	78.50 0.27 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.81 0.82 0.00	107.70 0.82 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.21 1.21 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.58 1.66 -0.38	449.99 7.03 0.00	134.89 2.01 0.00	81.78 0.85 -0.45	83.66 1.05 -1.01	37.67 0.22 -6.39	98.35 0.68 -0.02	99.22 0.58 -0.02

HAMLTNNY_34_KV_TB 80303	78.77 -0.96 0.00	81.51 -1.01 0.00	77.30 -1.10 0.00	75.94 -1.00 0.00	69.06 -0.77 0.00	62.96 -0.50 0.00	79.09 0.86 0.00	91.29 1.43 0.00	90.20 1.91 0.00	91.70 1.71 0.00	108.68 1.77 -0.43	120.30 2.33 -0.25	111.88 1.91 -0.51	95.32 2.24 -1.24	42.68 0.84 -2.72	98.12 2.20 -0.86	127.02 3.07 -0.41	455.41 12.45 0.00	136.43 3.56 0.00	82.59 1.63 -0.48	84.55 1.87 -1.09	38.35 0.45 -6.84	99.23 1.56 -0.03	100.08 1.45 -0.03
HAMPSHIRE___PAPER_HYD 323593	78.48 -1.25 0.00	81.43 -1.10 0.00	77.20 -1.20 0.00	75.83 -1.12 0.00	68.95 -0.88 0.00	62.87 -0.60 0.00	78.09 -0.14 0.00	89.92 0.06 0.00	88.06 -0.23 0.00	89.78 -0.21 0.00	105.85 -0.63 0.00	116.74 -0.97 0.00	108.09 -1.38 0.00	90.29 -1.55 0.00	38.31 -0.81 0.00	93.71 -1.36 0.00	122.91 -0.64 0.00	443.15 0.19 0.00	132.18 -0.70 0.00	79.92 -0.56 0.00	80.35 -1.25 0.00	31.72 -0.67 -1.34	95.10 -2.55 0.00	95.66 -2.96 -0.01
HARDSCRABBLE_WT_PWR 323673	82.45 2.72 0.00	85.19 2.66 0.00	80.86 2.46 0.00	79.48 2.54 0.00	72.28 2.45 0.00	65.61 2.14 0.00	80.98 2.75 0.00	93.12 3.27 0.00	91.94 3.66 0.00	93.34 3.35 0.00	110.40 3.92 0.00	122.36 4.65 0.00	113.32 3.85 0.00	95.13 3.29 0.00	40.45 1.33 0.00	98.29 3.22 0.00	127.57 4.02 0.00	456.37 13.41 0.00	137.64 4.76 0.00	83.31 2.83 0.00	84.83 3.23 0.00	32.16 1.10 0.00	101.00 3.35 0.00	101.74 3.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	84.55 4.83 0.00	87.23 4.71 0.00	82.82 4.42 0.00	81.32 4.38 0.00	73.82 4.00 0.00	66.96 3.49 0.00	82.97 4.74 0.00	95.86 6.01 0.00	94.88 6.59 0.00	97.12 7.13 0.00	129.26 9.29 -13.48	136.14 10.53 -7.89	134.95 9.71 -15.77	138.63 8.28 -38.50	127.41 3.48 -84.81	130.03 8.31 -26.65	146.59 10.38 -12.67	477.32 34.36 0.00	143.84 10.96 0.00	102.25 6.81 -14.95	122.74 7.30 -33.84	118.25 2.81 -84.38	110.04 8.74 -3.64	107.96 8.40 -0.94
HARSNRAD_115KV_TB1 81005	72.60 -7.13 0.00	75.31 -7.22 0.00	71.39 -7.01 0.00	69.94 -7.00 0.00	63.78 -6.05 0.00	58.78 -4.69 0.00	71.67 -6.56 0.00	80.81 -9.05 0.00	79.18 -9.10 0.00	80.53 -9.46 0.00	94.84 -12.24 -0.60	105.22 -12.85 -0.35	98.24 -11.93 -0.70	84.73 -8.84 -1.72	38.64 -4.26 -3.79	86.96 -9.30 -1.19	111.90 -12.22 -0.56	402.90 -40.05 0.00	120.28 -12.60 0.00	72.78 -8.37 -0.67	74.68 -8.43 -1.51	37.84 -3.83 -10.61	87.76 -10.43 -0.54	89.30 -9.48 -0.16
HARZA MOOSE___RIVER 24016	81.53 1.80 0.00	84.55 2.02 0.00	80.19 1.79 0.00	78.73 1.79 0.00	71.56 1.74 0.00	65.22 1.75 0.00	81.12 2.89 0.00	93.46 3.60 0.00	92.01 3.72 0.00	93.70 3.72 0.00	110.78 4.29 0.00	122.41 4.69 0.00	113.30 3.84 0.00	95.08 3.23 0.00	40.25 1.13 0.00	98.12 3.05 0.00	128.47 4.92 0.00	461.47 18.52 0.00	137.84 4.97 0.00	83.42 2.93 0.00	84.21 2.61 0.00	33.57 0.79 -1.72	99.55 1.90 0.00	100.23 1.61 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	78.07 -1.66 0.00	80.79 -1.74 0.00	76.71 -1.69 0.00	75.28 -1.66 0.00	68.41 -1.41 0.00	62.32 -1.14 0.00	77.25 -0.98 0.00	88.82 -1.04 0.00	87.55 -0.74 0.00	89.21 -0.78 0.00	105.85 -1.00 -0.37	116.93 -1.01 -0.22	108.80 -1.11 -0.43	92.39 -0.52 -1.06	41.14 -0.31 -2.34	95.10 -0.71 -0.73	123.05 -0.85 -0.35	440.26 -2.70 0.00	131.99 -0.88 0.00	80.17 -0.72 -0.41	81.91 -0.62 -0.93	36.67 -0.32 -5.93	96.58 -1.09 -0.02	97.46 -1.17 -0.02
HELLGATE_13_KV_LD 55870	85.24 5.51 0.00	87.93 5.41 0.00	83.40 5.00 0.00	81.89 4.95 0.00	74.34 4.51 0.00	67.39 3.93 0.00	83.51 5.28 0.00	96.63 6.78 0.00	95.75 7.46 0.00	98.08 8.09 0.00	132.35 10.83 -15.04	138.58 12.06 -8.80	138.37 11.30 -17.60	144.59 9.52 -43.22	137.89 4.06 -94.71	134.50 9.70 -29.72	149.40 11.72 -14.13	480.89 37.93 0.00	145.06 12.18 0.00	106.06 7.79 -17.79	127.77 8.26 -37.92	125.66 3.21 -91.39	111.70 10.13 -3.92	109.20 9.59 -1.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	85.24 5.51 0.00	87.93 5.41 0.00	83.40 5.00 0.00	81.89 4.95 0.00	74.34 4.51 0.00	67.39 3.93 0.00	83.51 5.28 0.00	96.63 6.78 0.00	95.75 7.46 0.00	98.08 8.09 0.00	132.35 10.83 -15.04	138.58 12.06 -8.80	138.37 11.30 -17.60	144.59 9.52 -43.22	137.89 4.06 -94.71	134.50 9.70 -29.72	149.40 11.72 -14.13	480.89 37.93 0.00	145.06 12.18 0.00	106.06 7.79 -17.79	127.77 8.26 -37.92	125.66 3.21 -91.39	111.70 10.13 -3.92	109.20 9.59 -1.00
HEMPSTEAD____ 23647	85.50 5.77 0.00	88.15 5.62 0.00	83.55 5.16 0.00	82.00 5.06 0.00	74.59 4.76 0.00	67.45 3.99 0.00	83.84 5.61 0.00	96.93 7.08 0.00	96.34 8.05 0.00	98.77 8.78 0.00	135.90 11.41 -18.01	143.61 12.87 -13.02	145.95 11.90 -24.59	156.17 10.11 -54.21	147.81 4.30 -104.39	143.00 10.25 -37.67	150.63 12.61 -14.48	484.71 38.35 -3.40	203.20 13.41 -56.92	284.34 8.49 -195.37	228.12 8.85 -137.67	252.83 3.51 -218.26	113.01 10.97 -4.38	110.08 10.46 -1.00
HEWLETT_69_KV_BK3 55828	86.30 6.57 0.00	89.04 6.51 0.00	84.35 5.95 0.00	82.80 5.86 0.00	75.34 5.51 0.00	68.23 4.77 0.00	84.80 6.57 0.00	98.02 8.16 0.00	97.38 9.09 0.00	99.84 9.85 0.00	137.24 12.75 -18.01	145.03 14.29 -13.02	147.42 13.36 -24.59	157.39 11.33 -54.21	148.36 4.85 -104.39	144.29 11.55 -37.67	153.77 14.10 -16.12	496.06 43.62 -9.49	204.91 15.12 -56.92	285.43 9.58 -195.37	229.32 10.05 -137.67	253.25 3.92 -218.26	114.32 12.28 -4.38	111.25 11.64 -1.00
HICKLING___1 23621	78.29 -1.44 0.00	80.97 -1.55 0.00	76.94 -1.46 0.00	75.43 -1.51 0.00	68.71 -1.12 0.00	62.87 -0.60 0.00	77.64 -0.60 0.00	88.95 -0.90 0.00	87.96 -0.33 0.00	89.51 -0.49 0.00	106.94 -0.58 -1.04	117.61 -0.72 -0.61	109.73 -0.95 -1.22	95.28 0.46 -2.97	45.40 -0.26 -6.54	96.88 -0.24 -2.06	124.21 -0.31 -0.98	441.24 -1.72 0.00	131.90 -0.97 0.00	80.68 -0.96 -1.15	83.47 -0.73 -2.61	48.67 -0.50 -18.11	97.61 -0.99 -0.95	97.52 -1.39 -0.29
HICKLING___2 23622	78.29 -1.44 0.00	80.97 -1.55 0.00	76.94 -1.46 0.00	75.43 -1.51 0.00	68.71 -1.12 0.00	62.87 -0.60 0.00	77.64 -0.60 0.00	88.95 -0.90 0.00	87.96 -0.33 0.00	89.51 -0.49 0.00	106.94 -0.58 -1.04	117.61 -0.72 -0.61	109.73 -0.95 -1.22	95.28 0.46 -2.97	45.40 -0.26 -6.54	96.88 -0.24 -2.06	124.21 -0.31 -0.98	441.24 -1.72 0.00	131.90 -0.97 0.00	80.68 -0.96 -1.15	83.47 -0.73 -2.61	48.67 -0.50 -18.11	97.61 -0.99 -0.95	97.52 -1.39 -0.29
HIGH FALLS___HY 23754	86.93 7.20 0.00	89.62 7.10 0.00	84.99 6.59 0.00	83.44 6.50 0.00	75.80 5.97 0.00	68.94 5.47 0.00	85.73 7.50 0.00	98.68 8.82 0.00	97.79 9.51 0.00	100.11 10.12 0.00	130.51 13.02 -11.01	138.78 14.62 -6.44	136.00 13.65 -12.88	135.12 11.85 -31.42	113.25 4.90 -69.23	128.78 11.95 -21.75	149.53 15.64 -10.34	500.21 57.25 0.00	150.66 17.78 0.00	103.64 10.95 -12.20	120.64 11.42 -27.63	118.71 4.25 -83.40	114.82 13.00 -4.17	112.17 12.42 -1.13
HIGH_RIVER___SOLAR 323847	83.39 3.66 0.00	86.27 3.74 0.00	81.98 3.58 0.00	80.49 3.54 0.00	73.04 3.21 0.00	66.38 2.91 0.00	82.19 3.96 0.00	94.53 4.68 0.00	92.90 4.62 0.00	94.44 4.45 0.00	110.59 4.98 0.87	122.63 5.43 0.51	113.02 4.58 1.02	93.53 4.16 2.49	35.28 1.64 5.48	97.82 4.47 1.72	129.32 6.59 0.82	466.70 23.74 0.00	140.29 7.41 0.00	84.01 4.50 0.97	84.10 4.69 2.19	135.07 1.71 -102.30	116.88 5.13 -14.10	107.68 5.05 -4.01

HILLBURN___GT 23639	84.27 4.55 0.00	86.93 4.40 0.00	82.53 4.13 0.00	81.06 4.12 0.00	73.56 3.73 0.00	66.66 3.19 0.00	82.61 4.38 0.00	95.51 5.65 0.00	94.59 6.30 0.00	96.85 6.87 0.00	129.32 9.03 -13.81	135.98 10.18 -8.09	135.02 9.39 -16.16	139.27 7.99 -39.44	129.36 3.35 -86.89	130.30 7.92 -27.31	146.41 9.89 -12.98	475.45 32.49 0.00	143.29 10.41 0.00	102.28 6.48 -15.32	123.28 7.01 -34.67	119.66 2.73 -85.87	109.92 8.57 -3.70	107.81 8.24 -0.95
HILLSIDE_115KV_TB1 80332	77.43 -2.30 0.00	80.06 -2.47 0.00	76.09 -2.31 0.00	74.59 -2.35 0.00	67.92 -1.91 0.00	62.02 -1.45 0.00	76.60 -1.63 0.00	87.88 -1.97 0.00	87.00 -1.28 0.00	88.55 -1.44 0.00	106.03 -1.53 -1.08	116.54 -1.81 -0.63	108.77 -1.95 -1.26	94.50 -0.43 -3.08	45.21 -0.68 -6.77	95.90 -1.30 -2.13	122.85 -1.71 -1.01	435.84 -7.12 0.00	130.33 -2.54 0.00	79.83 -1.85 -1.19	82.75 -1.55 -2.70	49.04 -0.78 -18.76	96.80 -1.83 -0.98	96.70 -2.22 -0.30
HISHELDN_WT_PWR 323625	75.22 -4.51 0.00	77.90 -4.63 0.00	73.87 -4.53 0.00	72.41 -4.53 0.00	66.01 -3.82 0.00	60.73 -2.74 0.00	74.32 -3.91 0.00	84.18 -5.67 0.00	82.73 -5.55 0.00	84.20 -5.79 0.00	99.48 -7.72 -0.72	110.10 -8.04 -0.42	102.64 -7.67 -0.84	88.77 -5.14 -2.06	41.08 -2.57 -4.53	90.81 -5.68 -1.42	116.79 -7.44 -0.68	418.75 -24.21 0.00	125.02 -7.86 0.00	75.77 -5.51 -0.80	77.99 -5.41 -1.81	41.17 -2.54 -12.65	91.40 -6.90 -0.65	92.44 -6.37 -0.20
HOLTSVILLE_IC_1 23690	86.56 6.83 0.00	89.15 6.62 0.00	84.32 5.92 0.00	82.64 5.70 0.00	75.26 5.43 0.00	68.19 4.72 0.00	85.04 6.81 0.00	98.17 8.31 0.00	98.08 9.80 0.00	100.63 10.64 0.00	138.32 13.83 -18.01	146.28 15.54 -13.02	148.69 14.64 -24.59	158.53 12.47 -54.21	148.78 5.27 -104.39	145.42 12.68 -37.67	152.75 15.64 -13.56	487.59 44.13 -0.50	206.34 16.55 -56.92	286.13 10.27 -195.37	229.73 10.46 -137.67	253.54 4.21 -218.26	115.13 13.10 -4.38	111.85 12.24 -1.00
HOLTSVILLE_IC_10 23699	86.98 7.25 0.00	89.57 7.05 0.00	84.71 6.31 0.00	83.03 6.09 0.00	75.61 5.78 0.00	68.55 5.08 0.00	85.55 7.32 0.00	98.72 8.87 0.00	98.72 10.44 0.00	101.33 11.34 0.00	139.14 14.65 -18.01	147.20 16.46 -13.02	149.55 15.49 -24.59	159.29 13.22 -54.21	149.10 5.59 -104.39	146.21 13.46 -37.67	153.85 16.72 -13.58	490.74 47.22 -0.56	207.54 17.74 -56.92	286.83 10.97 -195.37	230.33 11.06 -137.67	253.77 4.45 -218.26	115.87 13.83 -4.38	112.51 12.90 -1.00
HOLTSVILLE_IC_2 23691	86.56 6.83 0.00	89.15 6.62 0.00	84.32 5.92 0.00	82.64 5.70 0.00	75.26 5.43 0.00	68.19 4.72 0.00	85.04 6.81 0.00	98.17 8.31 0.00	98.08 9.80 0.00	100.63 10.64 0.00	138.32 13.83 -18.01	146.28 15.54 -13.02	148.69 14.64 -24.59	158.53 12.47 -54.21	148.78 5.27 -104.39	145.42 12.68 -37.67	152.75 15.64 -13.56	487.59 44.13 -0.50	206.34 16.55 -56.92	286.13 10.27 -195.37	229.73 10.46 -137.67	253.54 4.21 -218.26	115.13 13.10 -4.38	111.85 12.24 -1.00
HOLTSVILLE_IC_3 23692	86.56 6.83 0.00	89.15 6.62 0.00	84.32 5.92 0.00	82.64 5.70 0.00	75.26 5.43 0.00	68.19 4.72 0.00	85.04 6.81 0.00	98.17 8.31 0.00	98.08 9.80 0.00	100.63 10.64 0.00	138.32 13.83 -18.01	146.28 15.54 -13.02	148.69 14.64 -24.59	158.53 12.47 -54.21	148.78 5.27 -104.39	145.42 12.68 -37.67	152.75 15.64 -13.56	487.59 44.13 -0.50	206.34 16.55 -56.92	286.13 10.27 -195.37	229.73 10.46 -137.67	253.54 4.21 -218.26	115.13 13.10 -4.38	111.85 12.24 -1.00
HOLTSVILLE_IC_4 23693	86.56 6.83 0.00	89.15 6.62 0.00	84.32 5.92 0.00	82.64 5.70 0.00	75.26 5.43 0.00	68.19 4.72 0.00	85.04 6.81 0.00	98.17 8.31 0.00	98.08 9.80 0.00	100.63 10.64 0.00	138.32 13.83 -18.01	146.28 15.54 -13.02	148.69 14.64 -24.59	158.53 12.47 -54.21	148.78 5.27 -104.39	145.42 12.68 -37.67	152.75 15.64 -13.56	487.59 44.13 -0.50	206.34 16.55 -56.92	286.13 10.27 -195.37	229.73 10.46 -137.67	253.54 4.21 -218.26	115.13 13.10 -4.38	111.85 12.24 -1.00
HOLTSVILLE_IC_5 23694	86.56 6.83 0.00	89.15 6.62 0.00	84.32 5.92 0.00	82.64 5.70 0.00	75.26 5.43 0.00	68.19 4.72 0.00	85.04 6.81 0.00	98.17 8.31 0.00	98.08 9.80 0.00	100.63 10.64 0.00	138.32 13.83 -18.01	146.28 15.54 -13.02	148.69 14.64 -24.59	158.53 12.47 -54.21	148.78 5.27 -104.39	145.42 12.68 -37.67	152.75 15.64 -13.56	487.59 44.13 -0.50	206.34 16.55 -56.92	286.13 10.27 -195.37	229.73 10.46 -137.67	253.54 4.21 -218.26	115.13 13.10 -4.38	111.85 12.24 -1.00
HOLTSVILLE_IC_6 23695	86.98 7.25 0.00	89.57 7.05 0.00	84.71 6.31 0.00	83.03 6.09 0.00	75.61 5.78 0.00	68.55 5.08 0.00	85.55 7.32 0.00	98.72 8.87 0.00	98.72 10.44 0.00	101.33 11.34 0.00	139.14 14.65 -18.01	147.20 16.46 -13.02	149.55 15.49 -24.59	159.29 13.22 -54.21	149.10 5.59 -104.39	146.21 13.46 -37.67	153.85 16.72 -13.58	490.74 47.22 -0.56	207.54 17.74 -56.92	286.83 10.97 -195.37	230.33 11.06 -137.67	253.77 4.45 -218.26	115.87 13.83 -4.38	112.51 12.90 -1.00
HOLTSVILLE_IC_7 23696	86.98 7.25 0.00	89.57 7.05 0.00	84.71 6.31 0.00	83.03 6.09 0.00	75.61 5.78 0.00	68.55 5.08 0.00	85.55 7.32 0.00	98.72 8.87 0.00	98.72 10.44 0.00	101.33 11.34 0.00	139.14 14.65 -18.01	147.20 16.46 -13.02	149.55 15.49 -24.59	159.29 13.22 -54.21	149.10 5.59 -104.39	146.21 13.46 -37.67	153.85 16.72 -13.58	490.74 47.22 -0.56	207.54 17.74 -56.92	286.83 10.97 -195.37	230.33 11.06 -137.67	253.77 4.45 -218.26	115.87 13.83 -4.38	112.51 12.90 -1.00
HOLTSVILLE_IC_8 23697	86.98 7.25 0.00	89.57 7.05 0.00	84.71 6.31 0.00	83.03 6.09 0.00	75.61 5.78 0.00	68.55 5.08 0.00	85.55 7.32 0.00	98.72 8.87 0.00	98.72 10.44 0.00	101.33 11.34 0.00	139.14 14.65 -18.01	147.20 16.46 -13.02	149.55 15.49 -24.59	159.29 13.22 -54.21	149.10 5.59 -104.39	146.21 13.46 -37.67	153.85 16.72 -13.58	490.74 47.22 -0.56	207.54 17.74 -56.92	286.83 10.97 -195.37	230.33 11.06 -137.67	253.77 4.45 -218.26	115.87 13.83 -4.38	112.51 12.90 -1.00
HOLTSVILLE_IC_9 23698	86.98 7.25 0.00	89.57 7.05 0.00	84.71 6.31 0.00	83.03 6.09 0.00	75.61 5.78 0.00	68.55 5.08 0.00	85.55 7.32 0.00	98.72 8.87 0.00	98.72 10.44 0.00	101.33 11.34 0.00	139.14 14.65 -18.01	147.20 16.46 -13.02	149.55 15.49 -24.59	159.29 13.22 -54.21	149.10 5.59 -104.39	146.21 13.46 -37.67	153.85 16.72 -13.58	490.74 47.22 -0.56	207.54 17.74 -56.92	286.83 10.97 -195.37	230.33 11.06 -137.67	253.77 4.45 -218.26	115.87 13.83 -4.38	112.51 12.90 -1.00
HOMER_HL_115KV_TB2 355744	77.00 -2.73 0.00	79.72 -2.80 0.00	75.59 -2.81 0.00	74.15 -2.79 0.00	67.58 -2.25 0.00	62.14 -1.33 0.00	75.77 -2.46 0.00	85.65 -4.20 0.00	84.55 -3.73 0.00	86.19 -3.80 0.00	102.25 -5.00 -0.76	113.43 -4.73 -0.44	106.01 -4.34 -0.89	91.75 -2.26 -2.17	42.41 -1.48 -4.78	93.50 -3.07 -1.50	119.49 -4.77 -0.71	426.91 -16.04 0.00	127.48 -5.40 0.00	77.16 -4.16 -0.84	80.00 -3.51 -1.91	42.69 -1.69 -13.31	94.61 -3.73 -0.68	95.38 -3.44 -0.21
HOWARD_WT_PWR 323690	78.63 -1.10 0.00	81.31 -1.22 0.00	77.23 -1.17 0.00	75.73 -1.21 0.00	69.05 -0.78 0.00	63.41 -0.06 0.00	78.06 -0.17 0.00	89.14 -0.71 0.00	88.00 -0.28 0.00	89.50 -0.49 0.00	106.23 -1.11 -0.86	117.11 -1.10 -0.50	108.99 -1.48 -1.00	94.44 0.14 -2.45	44.22 -0.30 -5.40	96.12 -0.65 -1.70	123.38 -0.98 -0.81	439.01 -3.95 0.00	130.95 -1.93 0.00	79.60 -1.84 -0.95	81.82 -1.93 -2.16	45.04 -1.03 -15.01	95.58 -2.85 -0.78	95.28 -3.57 -0.24

HQ_GEN_CEDARS 23644	79.01 -0.72 0.00	81.99 -0.54 0.00	77.82 -0.58 0.00	76.35 -0.60 0.00	69.32 -0.51 0.00	63.19 -0.27 0.00	77.77 -0.46 0.00	89.14 -0.72 0.00	86.94 -1.35 0.00	88.72 -1.27 0.00	104.60 -1.89 0.00	115.16 -2.55 0.00	107.32 -2.14 0.00	89.18 -2.67 0.00	38.02 -1.10 0.00	93.28 -1.79 0.00	121.67 -1.87 0.00	438.62 -4.33 0.00	130.95 -1.93 0.00	79.23 -1.25 0.00	79.68 -1.91 0.00	30.28 -0.78 0.00	95.35 -2.31 0.00	96.15 -2.46 0.00
HQ_GEN_CEDARS_PROXY 323590	79.01 -0.72 0.00	81.99 -0.54 0.00	77.82 -0.58 0.00	76.34 -0.60 0.00	69.32 -0.50 0.00	63.19 -0.27 0.00	77.77 -0.46 0.00	89.14 -0.72 0.00	86.94 -1.35 0.00	88.72 -1.27 0.00	104.60 -1.89 0.00	115.15 -2.56 0.00	107.31 -2.15 0.00	89.19 -2.67 0.00	38.02 -1.10 0.00	93.19 -1.79 0.08	121.67 -1.88 0.00	438.62 -4.33 0.00	130.95 -1.92 0.00	79.23 -1.25 0.00	79.68 -1.91 0.00	30.28 -0.78 0.00	95.38 -2.28 0.00	96.16 -2.45 0.00
HQ_GEN_IMPORT 323601	78.89 -0.84 0.00	81.76 -0.76 0.00	77.68 -0.72 0.00	76.19 -0.75 0.00	69.17 -0.66 0.00	63.00 -0.47 0.00	77.44 -0.79 0.00	88.86 -1.00 0.00	83.40 -1.45 3.44	88.60 -1.39 0.00	104.61 -1.87 0.00	115.24 -2.48 0.00	107.37 -2.09 0.00	91.37 -2.00 -1.52	38.29 -0.82 0.00	91.31 -1.85 1.91	118.34 -2.13 3.08	391.74 -5.86 45.36	133.79 -2.18 -3.10	79.18 -1.31 0.00	79.84 -1.76 0.00	30.37 -0.69 0.00	95.65 -2.00 0.00	96.62 -1.99 0.00
HQ_GEN_WHEEL 23651	78.89 -0.84 0.00	81.76 -0.76 0.00	77.68 -0.72 0.00	76.19 -0.75 0.00	69.17 -0.66 0.00	63.00 -0.47 0.00	77.44 -0.79 0.00	88.86 -1.00 0.00	83.40 -1.45 3.44	88.60 -1.39 0.00	104.61 -1.87 0.00	115.24 -2.48 0.00	107.37 -2.09 0.00	91.37 -2.00 -1.52	38.29 -0.82 0.00	91.31 -1.85 1.91	118.34 -2.13 3.08	391.74 -5.86 45.36	133.79 -2.18 -3.10	79.18 -1.31 0.00	79.84 -1.76 0.00	30.37 -0.69 0.00	95.65 -2.00 0.00	96.62 -1.99 0.00
HUDSON AVE_GT_3 23810	85.10 5.37 0.00	87.78 5.25 0.00	83.33 4.94 0.00	81.88 4.94 0.00	74.30 4.48 0.00	67.33 3.87 0.00	83.41 5.18 0.00	96.53 6.67 0.00	95.63 7.34 0.00	98.04 8.05 0.00	132.14 10.63 -15.03	138.38 11.87 -8.80	138.13 11.08 -17.59	144.10 9.34 -42.91	137.64 3.98 -94.54	134.30 9.52 -29.71	149.25 11.59 -14.12	480.34 37.38 0.00	144.81 11.94 0.00	104.76 7.61 -16.67	127.40 8.08 -37.72	125.59 3.15 -91.38	111.49 9.92 -3.91	109.01 9.40 -1.00
HUDSON AVE_GT_4 23540	85.10 5.37 0.00	87.78 5.25 0.00	83.33 4.94 0.00	81.88 4.94 0.00	74.30 4.48 0.00	67.33 3.87 0.00	83.41 5.18 0.00	96.53 6.67 0.00	95.63 7.34 0.00	98.04 8.05 0.00	132.14 10.63 -15.03	138.38 11.87 -8.80	138.13 11.08 -17.59	144.10 9.34 -42.91	137.64 3.98 -94.54	134.30 9.52 -29.71	149.25 11.59 -14.12	480.34 37.38 0.00	144.81 11.94 0.00	104.76 7.61 -16.67	127.40 8.08 -37.72	125.59 3.15 -91.38	111.49 9.92 -3.91	109.01 9.40 -1.00
HUDSON AVE_GT_5 23657	85.10 5.37 0.00	87.78 5.25 0.00	83.33 4.94 0.00	81.88 4.94 0.00	74.30 4.48 0.00	67.33 3.87 0.00	83.41 5.18 0.00	96.53 6.67 0.00	95.63 7.34 0.00	98.04 8.05 0.00	132.14 10.63 -15.03	138.38 11.87 -8.80	138.13 11.08 -17.59	144.10 9.34 -42.91	137.64 3.98 -94.54	134.30 9.52 -29.71	149.25 11.59 -14.12	480.34 37.38 0.00	144.81 11.94 0.00	104.76 7.61 -16.67	127.40 8.08 -37.72	125.59 3.15 -91.38	111.49 9.92 -3.91	109.01 9.40 -1.00
HUDSON_AVE_10 24168	84.71 4.98 0.00	87.34 4.81 0.00	82.93 4.53 0.00	81.50 4.55 0.00	73.96 4.13 0.00	67.00 3.53 0.00	83.00 4.77 0.00	96.11 6.26 0.00	95.20 6.92 0.00	97.58 7.59 0.00	131.67 10.16 -15.03	137.83 11.32 -8.80	137.70 10.66 -17.59	143.73 8.96 -42.91	137.49 3.83 -94.54	133.94 9.16 -29.71	149.26 11.06 -14.64	480.20 35.42 -1.83	144.28 11.40 0.00	104.51 7.36 -16.67	127.16 7.83 -37.72	125.48 3.04 -91.38	111.12 9.56 -3.91	108.62 9.00 -1.00
HUDSON___115KV_TB 4 355613	85.41 5.69 0.00	88.23 5.70 0.00	83.87 5.47 0.00	82.43 5.48 0.00	74.74 4.92 0.00	67.59 4.12 0.00	83.19 4.96 0.00	95.38 5.53 0.00	94.00 5.71 0.00	95.65 5.67 0.00	112.65 6.17 0.00	124.82 7.10 0.00	115.57 6.11 0.00	96.72 4.87 0.00	41.32 2.20 0.00	100.29 5.23 0.00	130.75 7.21 0.00	467.99 25.03 0.00	141.15 8.27 0.00	85.09 4.60 0.00	86.66 5.07 0.00	112.52 1.99 -79.46	111.09 6.76 -6.68	107.87 7.23 -2.03
HUNTER MOUNT___DRP 323613	86.13 6.40 0.00	88.98 6.45 0.00	84.58 6.18 0.00	83.12 6.18 0.00	75.39 5.57 0.00	68.25 4.78 0.00	84.12 5.89 0.00	96.58 6.72 0.00	95.15 6.86 0.00	96.76 6.77 0.00	115.72 7.37 -1.87	127.22 8.41 -1.09	118.83 7.18 -2.19	102.91 5.73 -5.33	53.44 2.57 -11.75	104.89 6.13 -3.69	133.85 8.55 -1.75	472.96 30.00 0.00	142.68 9.81 0.00	88.03 5.48 -2.07	92.25 5.96 -4.69	113.49 2.31 -80.12	111.33 7.54 -6.14	108.34 7.88 -1.85
HUNTINGTON_RES_REC 323705	86.34 6.62 0.00	88.95 6.43 0.00	84.19 5.79 0.00	82.56 5.62 0.00	75.14 5.32 0.00	68.07 4.61 0.00	84.85 6.63 0.00	97.98 8.12 0.00	97.70 9.42 0.00	100.29 10.30 0.00	137.96 13.47 -18.01	145.92 15.18 -13.02	148.29 14.23 -24.59	158.12 12.06 -54.21	148.61 5.10 -104.39	144.98 12.24 -37.67	152.10 14.96 -13.59	487.46 43.92 -0.58	205.74 15.94 -56.92	285.76 9.91 -195.37	229.26 9.99 -137.67	253.36 4.04 -218.26	114.67 12.63 -4.38	111.45 11.83 -1.00
HUNTLEY___63 23557	73.68 -6.05 0.00	76.37 -6.16 0.00	72.40 -6.00 0.00	70.92 -6.02 0.00	64.69 -5.13 0.00	59.66 -3.81 0.00	72.84 -5.38 0.00	82.23 -7.62 0.00	80.61 -7.67 0.00	82.05 -7.94 0.00	96.64 -10.46 -0.63	107.24 -10.84 -0.37	100.03 -10.17 -0.73	86.41 -7.23 -1.78	39.46 -3.59 -3.93	88.55 -7.75 -1.24	113.99 -10.15 -0.59	410.32 -32.64 0.00	122.52 -10.36 0.00	74.11 -7.07 -0.69	76.09 -7.08 -1.57	38.74 -3.33 -11.00	89.33 -8.88 -0.56	90.87 -7.92 -0.17
HUNTLEY___64 23558	73.68 -6.05 0.00	76.37 -6.16 0.00	72.40 -6.00 0.00	70.92 -6.02 0.00	64.69 -5.13 0.00	59.66 -3.81 0.00	72.84 -5.38 0.00	82.23 -7.62 0.00	80.61 -7.67 0.00	82.05 -7.94 0.00	96.64 -10.46 -0.63	107.24 -10.84 -0.37	100.03 -10.17 -0.73	86.41 -7.23 -1.78	39.46 -3.59 -3.93	88.55 -7.75 -1.24	113.99 -10.15 -0.59	410.32 -32.64 0.00	122.52 -10.36 0.00	74.11 -7.07 -0.69	76.09 -7.08 -1.57	38.74 -3.33 -11.00	89.33 -8.88 -0.56	90.87 -7.92 -0.17
HUNTLEY___65 23559	73.68 -6.05 0.00	76.37 -6.16 0.00	72.40 -6.00 0.00	70.92 -6.02 0.00	64.69 -5.13 0.00	59.66 -3.81 0.00	72.84 -5.38 0.00	82.23 -7.62 0.00	80.61 -7.67 0.00	82.05 -7.94 0.00	96.64 -10.46 -0.63	107.24 -10.84 -0.37	100.03 -10.17 -0.73	86.41 -7.23 -1.78	39.46 -3.59 -3.93	88.55 -7.75 -1.24	113.99 -10.15 -0.59	410.32 -32.64 0.00	122.52 -10.36 0.00	74.11 -7.07 -0.69	76.09 -7.08 -1.57	38.74 -3.33 -11.00	89.33 -8.88 -0.56	90.87 -7.92 -0.17
HUNTLEY___66 23560	73.68 -6.05 0.00	76.37 -6.16 0.00	72.40 -6.00 0.00	70.92 -6.02 0.00	64.69 -5.13 0.00	59.66 -3.81 0.00	72.84 -5.38 0.00	82.23 -7.62 0.00	80.61 -7.67 0.00	82.05 -7.94 0.00	96.64 -10.46 -0.63	107.24 -10.84 -0.37	100.03 -10.17 -0.73	86.41 -7.23 -1.78	39.46 -3.59 -3.93	88.55 -7.75 -1.24	113.99 -10.15 -0.59	410.32 -32.64 0.00	122.52 -10.36 0.00	74.11 -7.07 -0.69	76.09 -7.08 -1.57	38.74 -3.33 -11.00	89.33 -8.88 -0.56	90.87 -7.92 -0.17

HUNTLEY___67 23561	73.57 -6.16 0.00	76.26 -6.27 0.00	72.26 -6.13 0.00	70.83 -6.12 0.00	64.57 -5.25 0.00	59.49 -3.98 0.00	72.66 -5.57 0.00	81.98 -7.88 0.00	80.36 -7.93 0.00	81.72 -8.27 0.00	96.35 -10.76 -0.64	106.80 -11.29 -0.37	99.70 -10.51 -0.75	86.07 -7.60 -1.82	39.44 -3.69 -4.01	88.26 -8.07 -1.26	113.56 -10.58 -0.60	408.42 -34.54 0.00	121.94 -10.94 0.00	73.77 -7.42 -0.71	75.81 -7.39 -1.60	38.89 -3.39 -11.22	89.03 -9.19 -0.57	90.50 -8.29 -0.18
HUNTLEY___68 23562	73.57 -6.16 0.00	76.26 -6.27 0.00	72.26 -6.13 0.00	70.83 -6.12 0.00	64.57 -5.25 0.00	59.49 -3.98 0.00	72.66 -5.57 0.00	81.98 -7.88 0.00	80.36 -7.93 0.00	81.72 -8.27 0.00	96.35 -10.76 -0.64	106.80 -11.29 -0.37	99.70 -10.51 -0.75	86.07 -7.60 -1.82	39.44 -3.69 -4.01	88.26 -8.07 -1.26	113.56 -10.58 -0.60	408.42 -34.54 0.00	121.94 -10.94 0.00	73.77 -7.42 -0.71	75.81 -7.39 -1.60	38.89 -3.39 -11.22	89.03 -9.19 -0.57	90.50 -8.29 -0.18
HYLAND___LFGE 323620	80.83 1.10 0.00	83.48 0.96 0.00	79.04 0.65 0.00	77.60 0.65 0.00	70.82 0.99 0.00	63.81 0.34 0.00	77.18 -1.05 0.00	86.57 -3.29 0.00	86.38 -1.91 0.00	87.69 -2.30 0.00	103.70 -3.48 -0.70	114.05 -4.08 -0.41	102.27 -8.01 -0.82	89.47 -4.38 -2.00	42.84 -0.68 -4.40	92.25 -4.21 -1.38	120.15 -4.05 -0.66	425.38 -17.57 0.00	127.51 -5.37 0.00	78.46 -2.81 -0.78	80.51 -2.85 -1.76	44.13 0.77 -12.29	99.87 1.59 -0.63	100.06 1.26 -0.19
INDECK___CORINTH 23802	85.79 6.06 0.00	88.43 5.91 0.00	84.07 5.67 0.00	82.59 5.65 0.00	75.11 5.28 0.00	68.40 4.93 0.00	84.97 6.75 0.00	97.67 7.81 0.00	96.22 7.93 0.00	97.88 7.89 0.00	114.92 9.16 0.72	128.01 10.71 0.42	118.06 9.44 0.84	97.54 7.74 2.06	37.83 3.25 4.54	102.01 8.36 1.42	134.25 11.38 0.68	481.82 38.86 0.00	144.88 12.00 0.00	87.08 7.40 0.80	87.91 8.13 1.81	133.40 3.03 -99.31	120.49 9.18 -13.66	111.40 8.90 -3.89
INDECK___ILION 23567	81.55 1.82 0.00	84.32 1.79 0.00	80.07 1.67 0.00	78.61 1.67 0.00	71.38 1.55 0.00	64.82 1.36 0.00	79.99 1.77 0.00	92.04 2.19 0.00	90.68 2.40 0.00	92.24 2.25 0.00	109.08 2.59 0.00	120.79 3.07 0.00	112.09 2.63 0.00	94.12 2.27 0.00	40.07 0.95 0.00	97.36 2.29 0.00	126.55 3.00 0.00	453.04 10.08 0.00	136.23 3.36 0.00	82.51 2.03 0.00	83.94 2.35 0.00	31.94 0.88 0.00	100.33 2.68 0.00	101.18 2.57 0.00
INDECK___OLEAN 23982	77.00 -2.73 0.00	79.72 -2.80 0.00	75.59 -2.81 0.00	74.15 -2.79 0.00	67.58 -2.25 0.00	62.14 -1.33 0.00	75.78 -2.45 0.00	85.65 -4.20 0.00	84.56 -3.73 0.00	86.21 -3.78 0.00	102.22 -5.02 -0.76	113.40 -4.76 -0.44	106.04 -4.32 -0.89	91.77 -2.25 -2.17	42.46 -1.43 -4.78	93.51 -3.06 -1.50	119.55 -4.71 -0.71	427.07 -15.89 0.00	127.49 -5.39 0.00	77.18 -4.15 -0.84	79.99 -3.51 -1.91	42.70 -1.67 -13.31	94.54 -3.79 -0.68	95.37 -3.46 -0.21
INDECK___OSWEGO 23783	76.48 -3.25 0.00	79.16 -3.37 0.00	75.16 -3.24 0.00	73.77 -3.17 0.00	67.01 -2.82 0.00	61.01 -2.46 0.00	75.24 -2.98 0.00	86.34 -3.52 0.00	85.02 -3.27 0.00	86.64 -3.35 0.00	102.46 -4.02 0.00	113.34 -4.38 0.00	105.21 -4.25 0.00	88.49 -3.36 0.00	37.68 -1.44 0.00	91.50 -3.57 0.00	119.05 -4.50 0.00	427.28 -15.68 0.00	128.19 -4.69 0.00	77.53 -2.96 0.00	78.65 -2.95 0.00	33.60 -1.15 -3.69	93.74 -3.92 0.00	94.62 -4.00 -0.02
INDECK___YERKES 23781	73.73 -6.00 0.00	76.44 -6.09 0.00	72.46 -5.94 0.00	70.97 -5.97 0.00	64.75 -5.08 0.00	59.71 -3.76 0.00	72.94 -5.29 0.00	82.32 -7.54 0.00	80.71 -7.58 0.00	82.15 -7.83 0.00	96.73 -10.37 -0.63	107.35 -10.73 -0.37	100.17 -10.02 -0.73	86.52 -7.11 -1.78	39.55 -3.49 -3.93	88.67 -7.63 -1.24	114.12 -10.02 -0.59	411.01 -31.94 0.00	122.64 -10.24 0.00	74.18 -7.00 -0.69	76.18 -6.99 -1.57	38.78 -3.29 -11.00	89.32 -8.88 -0.56	90.95 -7.84 -0.17
INDIAN POINT_GT_1 24139	84.47 4.74 0.00	87.13 4.59 0.00	82.72 4.32 0.00	81.23 4.29 0.00	73.71 3.88 0.00	66.81 3.34 0.00	82.78 4.55 0.00	95.71 5.85 0.00	94.77 6.48 0.00	97.00 7.01 0.00	130.49 9.24 -14.78	136.80 10.44 -8.65	136.44 9.69 -17.29	142.23 8.19 -42.19	135.54 3.47 -92.95	132.54 8.26 -29.21	147.65 10.22 -13.88	475.92 32.96 0.00	143.50 10.62 0.00	103.55 6.68 -16.39	125.91 7.23 -37.09	124.09 2.81 -90.22	110.30 8.78 -3.87	108.03 8.43 -0.99
INDIAN POINT_GT_2 23659	84.47 4.74 0.00	87.13 4.59 0.00	82.72 4.32 0.00	81.23 4.29 0.00	73.71 3.88 0.00	66.81 3.34 0.00	82.78 4.55 0.00	95.71 5.85 0.00	94.77 6.48 0.00	97.00 7.01 0.00	130.49 9.24 -14.78	136.80 10.44 -8.65	136.44 9.69 -17.29	142.23 8.19 -42.19	135.54 3.47 -92.95	132.54 8.26 -29.21	147.65 10.22 -13.88	475.92 32.96 0.00	143.50 10.62 0.00	103.55 6.68 -16.39	125.91 7.23 -37.09	124.09 2.81 -90.22	110.30 8.78 -3.87	108.03 8.43 -0.99
INDIAN POINT_GT_3 24019	84.47 4.74 0.00	87.13 4.59 0.00	82.72 4.32 0.00	81.23 4.29 0.00	73.71 3.88 0.00	66.81 3.34 0.00	82.78 4.55 0.00	95.71 5.85 0.00	94.77 6.48 0.00	97.00 7.01 0.00	130.49 9.24 -14.78	136.80 10.44 -8.65	136.44 9.69 -17.29	142.23 8.19 -42.19	135.54 3.47 -92.95	132.54 8.26 -29.21	147.65 10.22 -13.88	475.92 32.96 0.00	143.50 10.62 0.00	103.55 6.68 -16.39	125.91 7.23 -37.09	124.09 2.81 -90.22	110.30 8.78 -3.87	108.03 8.43 -0.99
INDIAN POINT___2 23530	84.30 4.58 0.00	86.95 4.42 0.00	82.56 4.16 0.00	81.08 4.13 0.00	73.57 3.74 0.00	66.68 3.21 0.00	82.61 4.38 0.00	95.50 5.64 0.00	94.54 6.26 0.00	96.81 6.82 0.00	129.90 8.99 -14.43	136.31 10.15 -8.44	135.74 9.39 -16.88	141.03 7.99 -41.19	133.22 3.36 -90.74	131.58 8.00 -28.51	146.99 9.89 -13.55	475.01 32.05 0.00	143.20 10.33 0.00	102.97 6.49 -16.00	124.82 7.01 -36.21	122.42 2.73 -88.63	110.02 8.56 -3.80	107.81 8.22 -0.98
INDIAN POINT___3 23531	84.38 4.65 0.00	87.02 4.49 0.00	82.63 4.23 0.00	81.13 4.19 0.00	73.62 3.80 0.00	66.72 3.25 0.00	82.65 4.42 0.00	95.54 5.69 0.00	94.60 6.31 0.00	96.83 6.84 0.00	130.30 9.02 -14.80	136.58 10.20 -8.66	136.24 9.47 -17.31	142.10 8.01 -42.25	135.58 3.38 -93.07	132.39 8.07 -29.25	147.39 9.94 -13.90	475.03 32.07 0.00	143.21 10.34 0.00	103.40 6.51 -16.41	125.78 7.04 -37.14	124.11 2.74 -90.31	110.11 8.59 -3.87	107.83 8.23 -0.99
INGHAM_C_115KV_TB7 356103	82.99 3.26 0.00	85.68 3.16 0.00	81.32 2.92 0.00	79.87 2.93 0.00	72.61 2.78 0.00	65.90 2.44 0.00	81.38 3.15 0.00	93.74 3.89 0.00	92.61 4.32 0.00	93.94 3.95 0.00	110.85 4.37 0.00	122.93 5.21 0.00	113.80 4.33 0.00	95.60 3.74 0.00	40.68 1.56 0.00	98.96 3.89 0.00	128.70 5.16 0.00	460.16 17.20 0.00	138.75 5.87 0.00	84.03 3.55 0.00	85.75 4.16 0.00	32.62 1.56 0.00	102.42 4.77 0.00	103.15 4.54 0.00
IP CORINTH___1 23988	85.79 6.06 0.00	88.43 5.91 0.00	84.07 5.67 0.00	82.59 5.65 0.00	75.11 5.28 0.00	68.40 4.93 0.00	84.98 6.75 0.00	97.67 7.82 0.00	96.22 7.93 0.00	97.88 7.89 0.00	114.92 9.16 0.72	128.00 10.71 0.42	118.07 9.45 0.84	97.54 7.75 2.06	37.84 3.26 4.54	102.01 8.36 1.42	134.25 11.39 0.68	481.82 38.86 0.00	144.88 12.00 0.00	87.08 7.40 0.80	87.91 8.13 1.81	133.39 3.02 -99.31	120.51 9.20 -13.66	111.40 8.90 -3.89

KENSICO____ 23655	84.73 5.00 0.00	87.41 4.88 0.00	82.95 4.55 0.00	81.47 4.53 0.00	73.95 4.12 0.00	67.01 3.54 0.00	83.03 4.80 0.00	96.03 6.17 0.00	95.10 6.82 0.00	97.35 7.37 0.00	131.14 9.67 -14.98	137.41 10.92 -8.77	137.15 10.16 -17.53	143.20 8.57 -42.78	137.01 3.65 -94.24	133.38 8.70 -29.61	148.34 10.72 -14.07	477.65 34.70 0.00	144.00 11.12 0.00	104.11 7.01 -16.61	126.73 7.53 -37.61	125.14 2.92 -91.16	110.70 9.14 -3.90	108.38 8.77 -1.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	86.57 6.84 0.00	89.28 6.75 0.00	84.68 6.28 0.00	83.15 6.20 0.00	75.51 5.68 0.00	68.64 5.17 0.00	85.29 7.06 0.00	98.29 8.43 0.00	97.30 9.02 0.00	99.55 9.56 0.00	130.11 12.23 -11.39	138.13 13.75 -6.67	135.62 12.82 -13.33	135.39 11.02 -32.52	115.34 4.57 -71.65	128.75 11.16 -22.51	148.80 14.55 -10.70	495.49 52.54 0.00	149.21 16.34 0.00	103.16 10.05 -12.63	120.71 10.52 -28.59	116.51 3.93 -81.53	113.62 12.08 -3.90	111.22 11.56 -1.05
KIAC_JFK_GT1 23816	84.28 4.55 0.00	86.76 4.24 0.00	82.44 4.05 0.00	81.03 4.09 0.00	73.54 3.71 0.00	66.52 3.06 0.00	82.37 4.14 0.00	95.58 5.72 0.00	94.64 6.36 0.00	96.96 6.97 0.00	131.10 9.59 -15.03	137.24 10.73 -8.80	137.38 10.33 -17.59	143.42 8.65 -42.91	137.37 3.71 -94.54	133.74 8.96 -29.71	149.06 10.74 -14.77	479.13 33.88 -2.29	143.86 10.99 0.00	104.44 7.29 -16.67	127.08 7.76 -37.72	125.44 3.00 -91.38	110.90 9.34 -3.91	108.31 8.70 -1.00
KIAC_JFK_GT2 23817	84.28 4.55 0.00	86.76 4.24 0.00	82.44 4.05 0.00	81.03 4.09 0.00	73.54 3.71 0.00	66.52 3.06 0.00	82.37 4.14 0.00	95.58 5.72 0.00	94.64 6.36 0.00	96.96 6.97 0.00	131.10 9.59 -15.03	137.24 10.73 -8.80	137.38 10.33 -17.59	143.42 8.65 -42.91	137.37 3.71 -94.54	133.74 8.96 -29.71	149.06 10.74 -14.77	479.13 33.88 -2.29	143.86 10.99 0.00	104.44 7.29 -16.67	127.08 7.76 -37.72	125.44 3.00 -91.38	110.90 9.34 -3.91	108.31 8.70 -1.00
KIAC_JFK____ 323774	84.28 4.55 0.00	86.76 4.23 0.00	82.44 4.04 0.00	81.03 4.08 0.00	73.54 3.71 0.00	66.52 3.06 0.00	82.35 4.12 0.00	95.58 5.72 0.00	94.64 6.35 0.00	96.96 6.97 0.00	131.10 9.59 -15.03	137.26 10.75 -8.80	137.38 10.33 -17.59	143.38 8.62 -42.91	137.36 3.70 -94.54	133.73 8.95 -29.71	149.07 10.74 -14.77	479.22 33.98 -2.29	143.87 10.99 0.00	104.45 7.30 -16.67	127.09 7.76 -37.72	125.44 3.00 -91.38	110.89 9.33 -3.91	108.31 8.70 -1.00
KINTIGH____ 23543	73.44 -6.28 0.00	76.10 -6.43 0.00	72.15 -6.25 0.00	70.73 -6.21 0.00	64.47 -5.36 0.00	59.26 -4.20 0.00	72.56 -5.67 0.00	82.12 -7.74 0.00	80.53 -7.76 0.00	81.93 -8.06 0.00	96.67 -10.36 -0.54	107.11 -10.92 -0.32	99.94 -10.16 -0.64	85.92 -7.48 -1.55	39.00 -3.55 -3.43	88.25 -7.90 -1.08	113.69 -10.37 -0.51	408.93 -34.03 0.00	122.13 -10.74 0.00	73.88 -7.21 -0.60	75.80 -7.17 -1.37	37.50 -3.18 -9.63	89.29 -8.84 -0.48	90.66 -8.10 -0.15
KNTFSRNC_46_KV_46KV_LOAD 80397	80.47 0.74 0.00	83.35 0.82 0.00	78.97 0.58 0.00	77.51 0.56 0.00	70.47 0.65 0.00	64.10 0.63 0.00	79.09 0.86 0.00	90.80 0.94 0.00	88.68 0.39 0.00	90.33 0.34 0.00	106.84 0.36 0.00	117.89 0.18 0.00	109.67 0.21 0.00	91.62 -0.23 0.00	39.03 -0.09 0.00	94.92 -0.15 0.00	123.76 0.22 0.00	444.79 1.84 0.00	132.62 -0.26 0.00	80.06 -0.42 0.00	80.57 -1.03 0.00	30.65 -0.41 0.00	96.10 -1.55 0.00	96.69 -1.92 0.00
LACHUTE__HYDRO 323717	88.80 9.07 0.00	91.00 8.48 0.00	86.71 8.31 0.00	85.28 8.34 0.00	77.95 8.12 0.00	71.32 7.85 0.00	89.47 11.24 0.00	102.38 12.53 0.00	100.99 12.71 0.00	102.54 12.55 0.00	120.33 14.54 0.69	134.47 17.16 0.40	123.28 14.62 0.81	101.68 11.80 1.97	39.67 4.91 4.35	106.07 12.36 1.37	140.40 17.51 0.65	502.60 59.64 0.00	151.26 18.38 0.00	91.44 11.73 0.77	92.99 13.13 1.74	134.93 4.83 -99.04	125.96 14.76 -13.55	116.04 13.57 -3.86
LAWRNCV_115KV_TB1 80681	77.88 -1.84 0.00	80.83 -1.70 0.00	76.70 -1.70 0.00	75.31 -1.63 0.00	68.43 -1.39 0.00	62.41 -1.06 0.00	76.94 -1.29 0.00	88.32 -1.54 0.00	86.11 -2.17 0.00	87.97 -2.02 0.00	103.61 -2.87 0.00	114.02 -3.70 0.00	106.16 -3.30 0.00	88.26 -3.59 0.00	37.59 -1.52 0.00	92.23 -2.84 0.00	120.44 -3.10 0.00	434.81 -8.15 0.00	129.67 -3.21 0.00	78.44 -2.04 0.00	78.81 -2.79 0.00	29.91 -1.15 0.00	94.02 -3.63 0.00	94.66 -3.95 0.00
LEDERLE____ 23769	84.47 4.74 0.00	87.12 4.59 0.00	82.71 4.31 0.00	81.24 4.29 0.00	73.72 3.89 0.00	66.83 3.36 0.00	82.83 4.60 0.00	95.77 5.91 0.00	94.84 6.55 0.00	97.11 7.12 0.00	129.90 9.34 -14.07	136.49 10.54 -8.24	135.64 9.71 -16.47	140.30 8.27 -40.18	131.12 3.48 -88.53	131.13 8.24 -27.82	147.03 10.27 -13.22	476.74 33.78 0.00	143.69 10.81 0.00	102.81 6.72 -15.61	124.17 7.25 -35.32	120.90 2.81 -87.03	110.21 8.82 -3.74	108.06 8.48 -0.96
LIGHTHSE_115KV_TB6 355974	78.58 -1.15 0.00	81.37 -1.16 0.00	77.18 -1.22 0.00	75.78 -1.16 0.00	68.87 -0.96 0.00	62.70 -0.76 0.00	77.81 -0.43 0.00	89.54 -0.31 0.00	88.16 -0.13 0.00	89.87 -0.12 0.00	106.26 -0.22 0.00	117.43 -0.28 0.00	108.61 -0.86 0.00	91.37 -0.48 0.00	38.80 -0.31 0.00	94.32 -0.75 0.00	123.23 -0.32 0.00	443.10 0.14 0.00	132.70 -0.18 0.00	80.25 -0.23 0.00	81.24 -0.35 0.00	34.39 -0.27 -3.59	96.32 -1.33 0.00	97.05 -1.58 -0.02
LINDEN COGEN____ 23786	84.45 4.72 0.00	87.09 4.56 0.00	82.70 4.30 0.00	81.26 4.32 0.00	73.75 3.92 0.00	66.81 3.34 0.00	82.77 4.55 0.00	95.76 5.90 0.00	94.83 6.55 0.00	97.22 7.23 0.00	130.82 9.60 -14.74	137.13 10.66 -8.75	136.67 9.86 -17.34	143.12 8.36 -42.91	137.22 3.56 -94.54	133.22 8.54 -29.61	131.39 10.39 2.55	425.78 32.82 50.00	143.41 10.54 0.00	103.94 6.79 -16.67	126.61 7.29 -37.72	125.29 2.86 -91.38	110.52 8.96 -3.91	108.07 8.46 -1.00
LINDHRST_69_KV_BK1 356055	86.81 7.08 0.00	89.45 6.92 0.00	84.70 6.30 0.00	83.05 6.10 0.00	75.62 5.79 0.00	68.53 5.06 0.00	85.35 7.12 0.00	98.65 8.79 0.00	98.33 10.04 0.00	100.79 10.80 0.00	138.37 13.88 -18.01	146.30 15.56 -13.02	148.62 14.56 -24.59	158.49 12.42 -54.21	148.77 5.26 -104.39	145.36 12.62 -37.67	153.09 15.69 -13.85	491.93 47.61 -1.36	206.65 16.85 -56.92	286.35 10.50 -195.37	230.07 10.80 -137.67	253.58 4.26 -218.26	115.29 13.26 -4.38	112.12 12.50 -1.00
LIPA_MISC_IPP 23656	86.77 7.04 0.00	89.33 6.80 0.00	84.49 6.09 0.00	82.79 5.84 0.00	75.41 5.59 0.00	68.44 4.97 0.00	85.47 7.24 0.00	98.43 8.57 0.00	98.78 10.49 0.00	101.37 11.38 0.00	139.20 14.71 -18.01	147.24 16.51 -13.02	149.59 15.54 -24.59	159.40 13.34 -54.21	149.16 5.65 -104.39	146.36 13.62 -37.67	153.97 16.86 -13.57	491.98 48.52 -0.51	207.75 17.95 -56.92	286.96 11.10 -195.37	230.32 11.05 -137.67	253.74 4.42 -218.26	115.72 13.69 -4.38	112.20 12.58 -1.00
LISF__SOLAR 323691	86.93 7.20 0.00	89.50 6.97 0.00	84.63 6.23 0.00	82.92 5.98 0.00	75.53 5.71 0.00	68.55 5.09 0.00	85.63 7.41 0.00	98.63 8.77 0.00	98.97 10.69 0.00	101.58 11.59 0.00	139.43 14.94 -18.01	147.51 16.77 -13.02	149.88 15.82 -24.59	159.60 13.55 -54.21	149.25 5.74 -104.39	146.61 13.86 -37.67	154.33 17.22 -13.57	492.75 49.27 -0.52	208.13 18.34 -56.92	287.19 11.34 -195.37	230.55 11.28 -137.67	253.83 4.51 -218.26	115.97 13.94 -4.38	112.44 12.83 -1.00

LUTHERNY_35_KV_BK2 355980	84.94 5.22 0.00	87.72 5.19 0.00	83.28 4.88 0.00	81.78 4.83 0.00	74.24 4.41 0.00	67.59 4.12 0.00	83.71 5.48 0.00	96.19 6.33 0.00	94.72 6.43 0.00	96.31 6.32 0.00	113.17 7.34 0.65	125.92 8.58 0.38	116.47 7.77 0.76	96.37 6.37 1.86	37.73 2.71 4.09	100.70 6.92 1.29	132.09 9.16 0.61	473.95 31.00 0.00	142.55 9.67 0.00	85.62 5.86 0.72	86.50 6.53 1.63	132.17 2.46 -98.65	118.58 7.52 -13.41	109.84 7.41 -3.82
LWR___OSWEGATCHIE_HYD 23850	78.48 -1.24 0.00	81.43 -1.09 0.00	77.20 -1.19 0.00	75.82 -1.12 0.00	68.95 -0.88 0.00	62.87 -0.60 0.00	78.08 -0.14 0.00	89.92 0.06 0.00	88.06 -0.23 0.00	89.78 -0.21 0.00	105.83 -0.65 0.00	116.75 -0.96 0.00	108.09 -1.38 0.00	90.29 -1.55 0.00	38.31 -0.81 0.00	93.71 -1.36 0.00	122.91 -0.64 0.00	443.15 0.19 0.00	132.17 -0.70 0.00	79.92 -0.56 0.00	80.34 -1.25 0.00	31.72 -0.67 -1.34	95.08 -2.57 0.00	95.66 -2.96 -0.01
LYONS_FALL_HYD 23570	81.53 1.80 0.00	84.55 2.02 0.00	80.18 1.79 0.00	78.73 1.79 0.00	71.56 1.74 0.00	65.22 1.75 0.00	81.12 2.89 0.00	93.46 3.61 0.00	92.01 3.72 0.00	93.71 3.72 0.00	110.78 4.30 0.00	122.41 4.69 0.00	113.30 3.84 0.00	95.08 3.23 0.00	40.25 1.13 0.00	98.12 3.05 0.00	128.47 4.92 0.00	461.48 18.52 0.00	137.84 4.96 0.00	83.41 2.93 0.00	84.20 2.61 0.00	33.57 0.79 -1.72	99.55 1.90 0.00	100.23 1.61 -0.01
MADISON___COUNTY_LFGE 323628	82.01 2.28 0.00	85.03 2.50 0.00	80.76 2.36 0.00	79.28 2.34 0.00	72.10 2.27 0.00	65.71 2.25 0.00	81.54 3.31 0.00	93.91 4.05 0.00	92.56 4.27 0.00	94.22 4.23 0.00	111.55 5.07 0.00	123.12 5.41 0.00	114.36 4.90 0.00	96.26 4.41 0.00	40.85 1.73 0.00	99.34 4.27 0.00	129.54 5.99 0.00	463.89 20.94 0.00	138.97 6.09 0.00	83.99 3.51 0.00	85.19 3.60 0.00	35.42 1.25 -3.11	101.30 3.65 0.00	102.04 3.41 -0.01
MALONE___115KV_TB1 356076	80.26 0.53 0.00	83.29 0.76 0.00	78.88 0.48 0.00	77.36 0.42 0.00	70.38 0.55 0.00	64.17 0.70 0.00	79.12 0.89 0.00	90.89 1.03 0.00	88.80 0.51 0.00	90.64 0.65 0.00	106.83 0.35 0.00	117.65 -0.06 0.00	109.60 0.14 0.00	91.56 -0.29 0.00	38.94 -0.17 0.00	94.95 -0.12 0.00	123.90 0.35 0.00	446.10 3.14 0.00	132.94 0.06 0.00	80.29 -0.19 0.00	80.70 -0.90 0.00	30.66 -0.40 0.00	96.22 -1.43 0.00	96.55 -2.06 0.00
MAPLEWOD_115KV_TB3 80458	83.73 4.00 0.00	86.44 3.91 0.00	82.21 3.81 0.00	80.75 3.80 0.00	73.20 3.38 0.00	66.21 2.74 0.00	81.70 3.47 0.00	93.82 3.96 0.00	92.45 4.16 0.00	94.07 4.08 0.00	110.37 4.63 0.75	122.95 5.67 0.44	113.73 5.14 0.88	93.85 4.14 2.14	36.30 1.89 4.71	97.99 4.40 1.48	128.22 5.38 0.70	459.96 17.00 0.00	138.65 5.77 0.00	83.04 3.39 0.83	83.73 4.02 1.88	120.69 1.61 -88.02	112.66 5.24 -9.77	106.83 5.35 -2.86
MAPLE_RIDGE_WT_1 323574	79.64 -0.09 0.00	82.45 -0.08 0.00	78.32 -0.08 0.00	76.86 -0.08 0.00	69.74 -0.09 0.00	63.40 -0.07 0.00	78.15 -0.08 0.00	89.68 -0.18 0.00	88.00 -0.29 0.00	89.71 -0.28 0.00	106.07 -0.41 0.00	117.21 -0.51 0.00	108.96 -0.50 0.00	91.33 -0.52 0.00	38.82 -0.30 0.00	94.20 -0.87 0.00	122.76 -0.78 0.00	440.59 -2.37 0.00	131.85 -1.03 0.00	79.80 -0.68 0.00	80.82 -0.77 0.00	30.77 -0.30 0.00	96.63 -1.02 0.00	97.56 -1.05 0.00
MAPLE_RIDGE_WT_2 323611	79.64 -0.09 0.00	82.45 -0.08 0.00	78.32 -0.08 0.00	76.86 -0.08 0.00	69.74 -0.09 0.00	63.40 -0.07 0.00	78.15 -0.08 0.00	89.68 -0.18 0.00	88.00 -0.29 0.00	89.71 -0.28 0.00	106.07 -0.41 0.00	117.21 -0.51 0.00	108.96 -0.50 0.00	91.33 -0.52 0.00	38.82 -0.30 0.00	94.20 -0.87 0.00	122.76 -0.78 0.00	440.59 -2.37 0.00	131.85 -1.03 0.00	79.80 -0.68 0.00	80.82 -0.77 0.00	30.77 -0.30 0.00	96.63 -1.02 0.00	97.56 -1.05 0.00
MARBLE_RIVER_WT_PWR 323696	79.30 -0.42 0.00	82.20 -0.33 0.00	77.92 -0.48 0.00	76.41 -0.54 0.00	69.46 -0.37 0.00	63.19 -0.28 0.00	77.77 -0.46 0.00	89.17 -0.68 0.00	87.15 -1.14 0.00	88.87 -1.12 0.00	105.13 -1.35 0.00	115.94 -1.77 0.00	107.92 -1.55 0.00	90.12 -1.73 0.00	38.34 -0.78 0.00	93.28 -1.79 0.00	121.52 -2.03 0.00	436.52 -6.44 0.00	130.14 -2.74 0.00	78.58 -1.90 0.00	79.11 -2.49 0.00	30.13 -0.93 0.00	94.64 -3.01 0.00	95.09 -3.52 0.00
MARSHVLE_115KV_TB1 80742	83.85 4.13 0.00	86.74 4.21 0.00	82.47 4.08 0.00	81.00 4.06 0.00	73.50 3.67 0.00	67.04 3.58 0.00	83.33 5.10 0.00	95.89 6.04 0.00	93.90 5.61 0.00	95.48 5.48 0.00	112.24 6.23 0.47	123.67 6.23 0.28	114.36 5.45 0.55	95.53 5.02 1.35	38.03 1.89 2.97	99.37 5.23 0.93	131.08 7.97 0.44	474.47 31.51 0.00	142.42 9.54 0.00	85.56 5.60 0.52	85.67 5.26 1.19	137.37 1.74 -104.57	115.16 5.08 -12.42	107.08 4.87 -3.59
MARSH_HILL_WT_PWR 323713	78.57 -1.15 0.00	81.24 -1.30 0.00	77.17 -1.23 0.00	75.67 -1.27 0.00	68.99 -0.84 0.00	63.32 -0.15 0.00	77.96 -0.27 0.00	89.05 -0.80 0.00	87.93 -0.35 0.00	89.41 -0.58 0.00	106.16 -1.17 -0.84	117.01 -1.20 -0.49	108.82 -1.63 -0.99	94.27 0.00 -2.41	44.07 -0.36 -5.31	95.98 -0.76 -1.67	123.31 -1.03 -0.79	438.79 -4.17 0.00	130.82 -2.05 0.00	79.53 -1.89 -0.94	81.75 -1.97 -2.12	44.80 -1.04 -14.77	95.55 -2.87 -0.76	95.32 -3.53 -0.23
MCINTYRE_115KV_TB2 80467	79.84 0.11 0.00	82.90 0.38 0.00	78.67 0.28 0.00	77.19 0.25 0.00	70.13 0.30 0.00	64.06 0.60 0.00	79.06 0.83 0.00	90.74 0.89 0.00	88.34 0.05 0.00	89.89 -0.11 0.00	105.44 -1.04 0.00	115.99 -1.73 0.00	108.30 -1.17 0.00	90.21 -1.64 0.00	38.44 -0.67 0.00	94.40 -0.68 0.00	123.55 0.01 0.00	446.78 3.83 0.00	133.16 0.28 0.00	80.53 0.05 0.00	80.83 -0.77 0.00	30.64 -0.42 0.00	96.32 -1.33 0.00	96.88 -1.73 0.00
MECO_____69_KV_BK1 80468	85.44 5.72 0.00	88.34 5.81 0.00	83.95 5.55 0.00	82.46 5.52 0.00	74.84 5.01 0.00	68.24 4.77 0.00	84.90 6.67 0.00	97.81 7.96 0.00	95.86 7.57 0.00	97.33 7.34 0.00	113.92 8.10 0.67	125.63 8.30 0.39	115.86 7.18 0.78	96.44 6.50 1.91	37.33 2.42 4.21	100.74 6.99 1.32	133.74 10.82 0.63	484.78 41.83 0.00	145.68 12.81 0.00	87.33 7.59 0.74	87.44 7.52 1.68	137.15 2.64 -103.45	118.74 7.84 -13.25	110.00 7.58 -3.80
MENANDS___115KV_TB5 355628	83.47 3.74 0.00	86.20 3.67 0.00	81.98 3.58 0.00	80.52 3.58 0.00	72.98 3.15 0.00	65.92 2.45 0.00	81.23 3.00 0.00	93.19 3.33 0.00	91.82 3.53 0.00	93.44 3.45 0.00	109.48 3.81 0.81	121.98 4.74 0.48	112.82 4.31 0.95	92.97 3.44 2.33	35.61 1.62 5.12	97.11 3.65 1.61	127.13 4.35 0.77	456.09 13.14 0.00	137.60 4.72 0.00	82.23 2.65 0.90	82.81 3.26 2.05	119.06 1.36 -86.64	111.64 4.66 -9.33	106.18 4.82 -2.74
MG INDUSTRY___DRP 24185	83.31 3.58 0.00	86.12 3.59 0.00	81.90 3.50 0.00	80.44 3.50 0.00	72.91 3.08 0.00	65.88 2.41 0.00	81.11 2.87 0.00	93.02 3.17 0.00	91.51 3.22 0.00	93.11 3.12 0.00	109.13 3.35 0.70	121.23 3.92 0.41	112.11 3.46 0.82	92.67 2.80 1.99	36.03 1.30 4.39	96.82 3.12 1.38	126.78 3.89 0.66	454.92 11.96 0.00	137.06 4.19 0.00	82.05 2.34 0.77	82.60 2.75 1.75	109.66 1.16 -77.44	107.90 4.06 -6.19	104.77 4.25 -1.91

MID___OSWEGATCHIE_HYD 23849	78.48 -1.24 0.00	81.43 -1.09 0.00	77.20 -1.19 0.00	75.82 -1.12 0.00	68.95 -0.88 0.00	62.87 -0.60 0.00	78.08 -0.14 0.00	89.92 0.06 0.00	88.06 -0.23 0.00	89.78 -0.21 0.00	105.83 -0.65 0.00	116.75 -0.96 0.00	108.09 -1.38 0.00	90.29 -1.55 0.00	38.31 -0.81 0.00	93.71 -1.36 0.00	122.91 -0.64 0.00	443.15 0.19 0.00	132.17 -0.70 0.00	79.92 -0.56 0.00	80.34 -1.25 0.00	31.72 -0.67 -1.34	95.08 -2.57 0.00	95.66 -2.96 -0.01
MID___RAQUETTE_HYD 23851	77.51 -2.22 0.00	80.46 -2.07 0.00	76.34 -2.06 0.00	74.96 -1.98 0.00	68.15 -1.67 0.00	62.14 -1.32 0.00	76.68 -1.55 0.00	88.05 -1.80 0.00	85.84 -2.44 0.00	87.72 -2.27 0.00	103.30 -3.18 0.00	113.66 -4.05 0.00	105.81 -3.66 0.00	87.97 -3.88 0.00	37.47 -1.65 0.00	91.87 -3.20 0.00	120.05 -3.50 0.00	433.56 -9.40 0.00	129.27 -3.61 0.00	78.17 -2.31 0.00	78.51 -3.09 0.00	29.79 -1.27 0.00	93.58 -4.07 0.00	94.20 -4.41 0.00
MILLIKEN___1 23584	80.68 0.95 0.00	83.48 0.95 0.00	79.19 0.80 0.00	77.80 0.86 0.00	70.76 0.93 0.00	64.53 1.07 0.00	80.40 2.17 0.00	92.55 2.70 0.00	91.37 3.08 0.00	92.84 2.85 0.00	110.55 3.25 -0.82	121.97 3.77 -0.48	113.61 3.18 -0.96	97.52 3.34 -2.34	45.54 1.28 -5.15	99.94 3.25 -1.62	128.89 4.58 -0.77	460.28 17.32 0.00	137.95 5.07 0.00	84.07 2.68 -0.91	86.56 2.90 -2.05	46.35 0.87 -14.42	101.27 2.84 -0.78	101.48 2.63 -0.24
MILLIKEN___2 23585	80.68 0.95 0.00	83.48 0.95 0.00	79.19 0.80 0.00	77.80 0.86 0.00	70.76 0.93 0.00	64.53 1.07 0.00	80.40 2.17 0.00	92.55 2.70 0.00	91.37 3.08 0.00	92.84 2.85 0.00	110.55 3.25 -0.82	121.97 3.77 -0.48	113.61 3.18 -0.96	97.52 3.34 -2.34	45.54 1.28 -5.15	99.94 3.25 -1.62	128.89 4.58 -0.77	460.28 17.32 0.00	137.95 5.07 0.00	84.07 2.68 -0.91	86.56 2.90 -2.05	46.35 0.87 -14.42	101.27 2.84 -0.78	101.48 2.63 -0.24
MILLIKEN___DIESEL 23629	80.68 0.95 0.00	83.48 0.95 0.00	79.19 0.80 0.00	77.80 0.86 0.00	70.76 0.93 0.00	64.53 1.07 0.00	80.40 2.17 0.00	92.55 2.70 0.00	91.37 3.08 0.00	92.84 2.85 0.00	110.55 3.25 -0.82	121.97 3.77 -0.48	113.61 3.18 -0.96	97.52 3.34 -2.34	45.54 1.28 -5.15	99.94 3.25 -1.62	128.89 4.58 -0.77	460.28 17.32 0.00	137.95 5.07 0.00	84.07 2.68 -0.91	86.56 2.90 -2.05	46.35 0.87 -14.42	101.27 2.84 -0.78	101.48 2.63 -0.24
MILLSEAT___LFGE 323607	74.72 -5.01 0.00	77.50 -5.03 0.00	73.44 -4.96 0.00	71.99 -4.96 0.00	65.67 -4.16 0.00	60.57 -2.90 0.00	74.21 -4.01 0.00	84.00 -5.85 0.00	82.51 -5.78 0.00	83.96 -6.03 0.00	98.92 -8.14 -0.58	109.75 -8.30 -0.34	102.42 -7.72 -0.67	87.99 -5.50 -1.64	39.98 -2.76 -3.62	90.38 -5.83 -1.14	116.59 -7.50 -0.54	420.31 -22.65 0.00	125.46 -7.42 0.00	75.87 -5.25 -0.64	77.73 -5.32 -1.44	38.56 -2.65 -10.15	91.03 -7.14 -0.51	92.43 -6.35 -0.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	84.57 4.84 0.00	87.24 4.71 0.00	82.80 4.40 0.00	81.32 4.38 0.00	73.81 3.98 0.00	66.88 3.41 0.00	82.87 4.64 0.00	95.81 5.96 0.00	94.86 6.58 0.00	97.10 7.11 0.00	130.73 9.36 -14.89	137.00 10.56 -8.71	136.70 9.81 -17.42	142.66 8.30 -42.51	136.31 3.53 -93.66	132.89 8.39 -29.43	147.87 10.34 -13.99	476.36 33.41 0.00	143.61 10.74 0.00	103.78 6.78 -16.51	126.28 7.31 -37.37	124.63 2.84 -90.73	110.42 8.88 -3.89	108.13 8.52 -0.99
MILLWOOD_13_KV_LOAD 356217	84.69 4.96 0.00	87.35 4.82 0.00	82.92 4.53 0.00	81.42 4.47 0.00	73.90 4.07 0.00	66.98 3.51 0.00	83.01 4.78 0.00	95.97 6.12 0.00	95.03 6.74 0.00	97.27 7.28 0.00	130.93 9.55 -14.89	137.22 10.79 -8.71	136.91 10.02 -17.42	142.84 8.48 -42.51	136.38 3.60 -93.66	133.08 8.58 -29.43	148.12 10.59 -13.99	477.33 34.38 0.00	143.92 11.04 0.00	103.95 6.95 -16.51	126.44 7.47 -37.37	124.69 2.90 -90.73	110.59 9.05 -3.89	108.30 8.69 -0.99
MODEL_CITY_ENERGY 24167	72.11 -7.62 0.00	74.84 -7.68 0.00	70.94 -7.46 0.00	69.52 -7.42 0.00	63.40 -6.43 0.00	58.37 -5.09 0.00	71.07 -7.16 0.00	80.02 -9.83 0.00	78.42 -9.86 0.00	79.78 -10.21 0.00	93.88 -13.21 -0.61	104.18 -13.89 -0.36	97.26 -12.91 -0.71	83.90 -9.69 -1.74	38.36 -4.59 -3.83	86.17 -10.10 -1.20	110.79 -13.33 -0.57	398.83 -44.13 0.00	119.08 -13.80 0.00	72.07 -9.09 -0.68	73.95 -9.18 -1.53	37.67 -4.13 -10.74	86.84 -11.36 -0.54	88.54 -10.25 -0.17
MODERN_LFGE___ 323580	72.11 -7.62 0.00	74.84 -7.68 0.00	70.94 -7.46 0.00	69.52 -7.42 0.00	63.40 -6.43 0.00	58.37 -5.09 0.00	71.07 -7.16 0.00	80.02 -9.83 0.00	78.42 -9.86 0.00	79.78 -10.21 0.00	93.88 -13.21 -0.61	104.18 -13.89 -0.36	97.26 -12.91 -0.71	83.90 -9.69 -1.74	38.36 -4.59 -3.83	86.17 -10.10 -1.20	110.79 -13.33 -0.57	398.83 -44.13 0.00	119.08 -13.80 0.00	72.07 -9.09 -0.68	73.95 -9.18 -1.53	37.67 -4.13 -10.74	86.84 -11.36 -0.54	88.54 -10.25 -0.17
MOHAWK_PAPER___DRP 24187	83.73 4.00 0.00	86.44 3.91 0.00	82.21 3.81 0.00	80.75 3.80 0.00	73.20 3.38 0.00	66.21 2.74 0.00	81.70 3.47 0.00	93.82 3.96 0.00	92.45 4.16 0.00	94.07 4.08 0.00	110.37 4.63 0.75	122.95 5.67 0.44	113.73 5.14 0.88	93.85 4.14 2.14	36.30 1.89 4.71	97.99 4.40 1.48	128.22 5.38 0.70	459.96 17.00 0.00	138.65 5.77 0.00	83.04 3.39 0.83	83.73 4.02 1.88	120.69 1.61 -88.02	112.66 5.24 -9.77	106.83 5.35 -2.86
MOHICAN___35_KV_115KV_LD 80490	86.09 6.36 0.00	88.72 6.20 0.00	84.34 5.94 0.00	82.85 5.90 0.00	75.38 5.55 0.00	68.65 5.19 0.00	85.36 7.13 0.00	98.06 8.20 0.00	96.60 8.32 0.00	98.25 8.26 0.00	115.38 9.58 0.68	128.51 11.18 0.39	118.56 9.88 0.79	98.00 8.08 1.93	38.29 3.41 4.24	102.48 8.74 1.33	134.78 11.86 0.63	483.31 40.36 0.00	145.32 12.44 0.00	87.46 7.72 0.75	88.42 8.51 1.69	133.10 3.16 -98.88	120.80 9.66 -13.49	111.81 9.35 -3.84
MONGAUP___HYD 23641	84.76 5.03 0.00	87.48 4.95 0.00	83.01 4.61 0.00	81.50 4.55 0.00	73.98 4.15 0.00	67.14 3.67 0.00	82.70 4.48 0.00	95.65 5.80 0.00	93.20 4.91 0.00	95.15 5.16 0.00	126.20 6.86 -12.86	134.04 8.80 -7.53	133.48 8.97 -15.04	136.18 7.62 -36.71	123.20 3.21 -80.87	128.26 7.77 -25.41	145.21 9.58 -12.08	469.39 26.43 0.00	140.84 7.97 0.00	99.85 5.11 -14.26	120.04 6.17 -32.27	115.18 2.64 -81.48	109.86 8.68 -3.53	107.96 8.43 -0.92
MONTAUK___DIESEL 23721	86.37 6.64 0.00	88.99 6.46 0.00	84.07 5.67 0.00	82.38 5.43 0.00	75.12 5.29 0.00	68.80 5.33 0.00	86.56 8.33 0.00	99.70 9.84 0.00	102.12 13.84 0.00	105.19 15.20 0.00	143.85 19.36 -18.01	152.50 21.76 -13.02	154.53 20.48 -24.59	163.63 17.57 -54.21	150.95 7.44 -104.39	150.81 18.07 -37.67	159.35 22.23 -13.57	505.95 62.48 -0.51	213.20 23.41 -56.92	290.75 14.90 -195.37	232.19 12.92 -137.67	254.16 4.84 -218.26	116.59 14.56 -4.38	113.19 13.58 -1.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	77.97 -1.75 0.00	80.74 -1.79 0.00	76.49 -1.91 0.00	74.99 -1.95 0.00	68.40 -1.43 0.00	63.09 -0.38 0.00	77.05 -1.18 0.00	87.54 -2.32 0.00	86.30 -1.98 0.00	87.93 -2.06 0.00	103.89 -3.29 -0.70	115.06 -3.07 -0.41	107.15 -3.14 -0.82	92.44 -1.41 -2.00	42.36 -1.17 -4.41	94.40 -2.06 -1.38	121.44 -2.77 -0.66	435.50 -7.46 0.00	130.13 -2.75 0.00	78.51 -2.74 -0.78	81.06 -2.29 -1.76	41.97 -1.39 -12.30	95.05 -3.23 -0.63	95.75 -3.05 -0.19

NARROWS_GT1_5 24232	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT1_6 24233	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT1_7 24234	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT1_8 24235	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_1 24236	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_2 24237	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_3 24238	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_4 24239	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_5 24240	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_6 24241	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_7 24242	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NARROWS_GT2_8 24243	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.89 12.73 -17.45	150.93 11.85 -29.62	153.04 9.98 -51.21	146.49 4.25 -103.12	144.49 10.22 -39.20	159.24 12.38 -23.31	488.57 40.78 -4.84	156.61 13.08 -10.65	130.25 8.37 -41.39	185.86 8.89 -95.37	174.90 3.42 -140.42	112.69 10.80 -4.24	109.78 10.17 -1.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	86.13 6.40 0.00	88.98 6.45 0.00	84.58 6.18 0.00	83.12 6.18 0.00	75.39 5.57 0.00	68.25 4.78 0.00	84.12 5.89 0.00	96.58 6.72 0.00	95.15 6.86 0.00	96.76 6.77 0.00	115.72 7.37 -1.87	127.22 8.41 -1.09	118.83 7.18 -2.19	102.91 5.73 -5.33	53.44 2.57 -11.75	104.89 6.13 -3.69	133.85 8.55 -1.75	472.96 30.00 0.00	142.68 9.81 0.00	88.03 5.48 -2.07	92.25 5.96 -4.69	113.49 2.31 -80.12	111.33 7.54 -6.14	108.34 7.88 -1.85
NCHELSEA_115KV_TR2 355582	85.66 5.93 0.00	88.35 5.82 0.00	83.83 5.44 0.00	82.31 5.37 0.00	74.72 4.89 0.00	67.81 4.34 0.00	84.08 5.85 0.00	97.14 7.29 0.00	96.13 7.84 0.00	98.30 8.31 0.00	131.56 10.66 -14.43	138.25 12.09 -8.44	137.63 11.28 -16.88	142.62 9.58 -41.19	133.90 4.05 -90.74	133.35 9.76 -28.51	149.39 12.29 -13.55	484.33 41.38 0.00	145.93 13.05 0.00	104.64 8.16 -16.00	126.46 8.66 -36.21	124.45 3.29 -90.09	111.78 10.18 -3.94	109.45 9.82 -1.02
NEG CAPITAL___MECHNVIL 23645	85.01 5.28 0.00	87.80 5.28 0.00	83.41 5.02 0.00	81.92 4.98 0.00	74.40 4.58 0.00	67.62 4.15 0.00	83.78 5.55 0.00	96.29 6.44 0.00	94.84 6.56 0.00	96.41 6.42 0.00	113.49 7.52 0.52	126.25 8.83 0.30	116.84 7.97 0.60	96.92 6.54 1.47	38.69 2.81 3.24	101.14 7.08 1.02	132.29 9.23 0.48	474.25 31.29 0.00	142.66 9.78 0.00	85.91 6.00 0.57	86.93 6.63 1.29	130.96 2.48 -97.42	118.14 7.56 -12.94	109.80 7.49 -3.69

NEG CENTRAL_HIGH_ACRES 23767	75.23 -4.50 0.00	77.89 -4.63 0.00	73.93 -4.47 0.00	72.55 -4.39 0.00	66.12 -3.71 0.00	60.63 -2.84 0.00	74.95 -3.28 0.00	85.69 -4.16 0.00	84.26 -4.02 0.00	85.75 -4.24 0.00	101.42 -5.53 -0.47	112.28 -5.71 -0.27	104.59 -5.42 -0.55	89.29 -3.90 -1.34	40.21 -1.86 -2.95	91.86 -4.14 -0.93	118.66 -5.33 -0.44	426.18 -16.77 0.00	127.51 -5.37 0.00	77.24 -3.77 -0.52	78.98 -3.80 -1.18	36.71 -1.75 -7.39	92.51 -5.16 -0.03	93.69 -4.95 -0.03
NEG CENTRAL___DRP 24199	78.44 -1.28 0.00	81.08 -1.45 0.00	77.06 -1.34 0.00	75.68 -1.27 0.00	68.94 -0.89 0.00	63.02 -0.45 0.00	78.63 0.40 0.00	90.38 0.53 0.00	89.18 0.90 0.00	90.61 0.62 0.00	107.35 0.34 -0.52	118.59 0.57 -0.31	110.35 0.27 -0.61	94.42 1.07 -1.50	42.77 0.36 -3.30	97.16 1.05 -1.04	125.47 1.43 -0.49	448.67 5.72 0.00	134.40 1.52 0.00	81.58 0.52 -0.58	83.58 0.66 -1.32	40.42 0.07 -9.29	98.28 0.16 -0.47	98.57 -0.19 -0.14
NEG CENTRAL___INDECK 23768	79.54 -0.19 0.00	82.05 -0.47 0.00	77.91 -0.49 0.00	76.46 -0.48 0.00	69.76 -0.07 0.00	63.39 -0.08 0.00	77.39 -0.84 0.00	87.70 -2.16 0.00	86.84 -1.45 0.00	88.28 -1.71 0.00	104.56 -2.63 -0.70	115.30 -2.83 -0.41	105.54 -4.75 -0.82	91.50 -2.35 -2.00	42.94 -0.59 -4.41	93.87 -2.59 -1.39	121.50 -2.71 -0.66	433.08 -9.87 0.00	129.56 -3.32 0.00	79.17 -2.09 -0.78	81.25 -2.11 -1.76	43.32 -0.05 -12.31	97.97 -0.31 -0.63	98.36 -0.45 -0.19
NEG CENTRAL___SENECA 23627	78.21 -1.52 0.00	80.78 -1.75 0.00	76.89 -1.51 0.00	75.46 -1.49 0.00	68.81 -1.02 0.00	63.04 -0.43 0.00	78.18 -0.05 0.00	89.65 -0.20 0.00	88.49 0.20 0.00	89.93 -0.06 0.00	106.43 -0.63 -0.58	117.43 -0.63 -0.34	109.35 -0.80 -0.68	93.87 0.35 -1.67	42.84 0.05 -3.68	96.57 0.34 -1.16	124.32 0.22 -0.55	444.15 1.19 0.00	132.97 0.09 0.00	80.85 -0.28 -0.65	82.90 -0.16 -1.47	41.20 -0.18 -10.32	97.42 -0.76 -0.52	97.50 -1.27 -0.16
NEG CENTRAL___STATE_STREET 24147	79.42 -0.31 0.00	82.16 -0.37 0.00	77.80 -0.60 0.00	76.55 -0.39 0.00	69.65 -0.17 0.00	63.57 0.10 0.00	79.62 1.39 0.00	91.65 1.80 0.00	90.65 2.37 0.00	91.92 1.93 0.00	109.03 2.03 -0.51	120.78 2.77 -0.30	112.29 2.23 -0.60	95.88 2.57 -1.46	43.33 1.01 -3.21	98.51 2.43 -1.01	127.70 3.67 -0.48	457.77 14.81 0.00	137.09 4.21 0.00	82.93 1.88 -0.57	85.11 2.23 -1.28	40.67 0.55 -9.06	100.07 1.96 -0.46	100.52 1.77 -0.14
NEG MILLWOOD___DRP 24198	85.90 6.17 0.00	88.57 6.04 0.00	84.04 5.64 0.00	82.52 5.58 0.00	74.91 5.08 0.00	67.99 4.52 0.00	84.33 6.10 0.00	97.50 7.65 0.00	96.50 8.21 0.00	98.73 8.74 0.00	132.60 11.18 -14.94	139.14 12.68 -8.74	138.79 11.84 -17.48	144.53 10.01 -42.66	137.35 4.24 -93.99	134.84 10.24 -29.53	150.43 12.84 -14.04	485.98 43.02 0.00	146.45 13.57 0.00	105.56 8.51 -16.57	128.11 9.00 -37.50	126.29 3.43 -91.80	112.28 10.66 -3.97	109.85 10.22 -1.02
NEG NORTH_FLCN_SEA 23793	79.75 0.02 0.00	82.58 0.05 0.00	78.29 -0.11 0.00	76.89 -0.06 0.00	69.88 0.05 0.00	63.45 -0.02 0.00	78.24 0.01 0.00	89.76 -0.10 0.00	87.65 -0.63 0.00	89.24 -0.75 0.00	105.69 -0.79 0.00	116.66 -1.06 0.00	108.47 -0.99 0.00	90.60 -1.25 0.00	38.63 -0.49 0.00	93.94 -1.13 0.00	122.40 -1.14 0.00	439.64 -3.31 0.00	131.09 -1.78 0.00	79.19 -1.30 0.00	79.68 -1.92 0.00	30.33 -0.73 0.00	95.14 -2.51 0.00	95.99 -2.62 0.00
NEG NORTH_KES_CHATEGAY 23792	79.55 -0.18 0.00	82.44 -0.09 0.00	78.09 -0.31 0.00	76.57 -0.37 0.00	69.60 -0.22 0.00	63.36 -0.11 0.00	77.98 -0.24 0.00	89.44 -0.42 0.00	87.40 -0.88 0.00	89.18 -0.81 0.00	105.36 -1.12 0.00	116.11 -1.60 0.00	108.17 -1.29 0.00	90.29 -1.55 0.00	38.39 -0.73 0.00	93.34 -1.73 0.00	121.66 -1.89 0.00	437.30 -5.65 0.00	130.33 -2.55 0.00	78.73 -1.75 0.00	79.22 -2.37 0.00	30.16 -0.90 0.00	94.68 -2.97 0.00	95.14 -3.48 0.00
NEG NORTH___ALICE_FALLS 23915	80.47 0.74 0.00	83.35 0.82 0.00	78.97 0.58 0.00	77.51 0.56 0.00	70.47 0.65 0.00	64.10 0.63 0.00	79.09 0.86 0.00	90.80 0.94 0.00	88.68 0.39 0.00	90.33 0.34 0.00	106.84 0.36 0.00	117.89 0.18 0.00	109.67 0.21 0.00	91.62 -0.23 0.00	39.03 -0.09 0.00	94.92 -0.15 0.00	123.76 0.22 0.00	444.79 1.84 0.00	132.62 -0.26 0.00	80.06 -0.42 0.00	80.57 -1.03 0.00	30.65 -0.41 0.00	96.10 -1.55 0.00	96.69 -1.92 0.00
NEG NORTH___LWR_SARANAC 23913	80.47 0.74 0.00	83.35 0.82 0.00	78.97 0.58 0.00	77.51 0.56 0.00	70.47 0.65 0.00	64.10 0.63 0.00	79.09 0.86 0.00	90.80 0.94 0.00	88.68 0.39 0.00	90.33 0.34 0.00	106.84 0.36 0.00	117.89 0.18 0.00	109.67 0.21 0.00	91.62 -0.23 0.00	39.03 -0.09 0.00	94.92 -0.15 0.00	123.76 0.22 0.00	444.79 1.84 0.00	132.62 -0.26 0.00	80.06 -0.42 0.00	80.57 -1.03 0.00	30.65 -0.41 0.00	96.10 -1.55 0.00	96.69 -1.92 0.00
NEG NORTH___PLATTSBURG 23628	80.47 0.74 0.00	83.36 0.82 0.00	78.98 0.58 0.00	77.51 0.56 0.00	70.47 0.65 0.00	64.10 0.63 0.00	79.09 0.86 0.00	90.80 0.94 0.00	88.68 0.40 0.00	90.33 0.34 0.00	106.85 0.37 0.00	117.89 0.18 0.00	109.65 0.19 0.00	91.62 -0.23 0.00	39.03 -0.09 0.00	94.92 -0.15 0.00	123.76 0.22 0.00	444.79 1.84 0.00	132.62 -0.25 0.00	80.06 -0.42 0.00	80.57 -1.03 0.00	30.64 -0.41 0.00	96.12 -1.53 0.00	96.69 -1.92 0.00
NEG WEST_LEA_LOCKPORT 23791	72.60 -7.13 0.00	75.31 -7.22 0.00	71.39 -7.01 0.00	69.94 -7.00 0.00	63.78 -6.05 0.00	58.78 -4.69 0.00	71.67 -6.56 0.00	80.81 -9.05 0.00	79.18 -9.10 0.00	80.53 -9.46 0.00	94.84 -12.24 -0.60	105.22 -12.85 -0.35	98.24 -11.93 -0.70	84.73 -8.84 -1.72	38.64 -4.26 -3.79	86.96 -9.30 -1.19	111.90 -12.22 -0.56	402.90 -40.05 0.00	120.28 -12.60 0.00	72.78 -8.37 -0.67	74.68 -8.43 -1.51	37.84 -3.83 -10.61	87.76 -10.43 -0.54	89.30 -9.48 -0.16
NEG WEST___LANCASTER 23811	76.63 -3.10 0.00	79.37 -3.16 0.00	75.24 -3.15 0.00	73.75 -3.19 0.00	67.22 -2.61 0.00	61.86 -1.61 0.00	75.63 -2.60 0.00	85.51 -4.35 0.00	84.03 -4.26 0.00	85.52 -4.47 0.00	101.17 -6.03 -0.71	112.07 -6.06 -0.42	104.71 -5.58 -0.83	90.52 -3.36 -2.03	41.66 -1.93 -4.47	92.58 -3.90 -1.41	118.89 -5.32 -0.67	426.29 -16.66 0.00	127.28 -5.60 0.00	77.07 -4.20 -0.79	79.39 -4.00 -1.79	41.50 -2.05 -12.48	93.32 -4.97 -0.64	94.42 -4.39 -0.20
NEG_PENN_ALLEGHNY 23528	79.55 -0.18 0.00	82.33 -0.20 0.00	78.19 -0.21 0.00	76.70 -0.24 0.00	69.73 -0.09 0.00	63.50 0.04 0.00	78.55 0.33 0.00	90.27 0.41 0.00	89.14 0.85 0.00	90.78 0.79 0.00	108.90 1.09 -1.32	119.77 1.28 -0.77	112.02 1.00 -1.55	97.10 1.47 -3.78	47.80 0.35 -8.33	98.75 1.06 -2.62	126.17 1.38 -1.24	447.47 4.51 0.00	134.01 1.14 0.00	82.44 0.49 -1.47	85.64 0.72 -3.32	54.30 0.15 -23.09	99.64 0.73 -1.26	99.53 0.54 -0.38
NEG___GEN_MONROE 24207	76.19 -3.54 0.00	78.88 -3.65 0.00	74.83 -3.57 0.00	73.43 -3.52 0.00	66.93 -2.89 0.00	61.48 -1.99 0.00	75.73 -2.50 0.00	86.30 -3.55 0.00	84.80 -3.48 0.00	86.31 -3.68 0.00	101.98 -5.00 -0.49	112.90 -5.10 -0.29	105.25 -4.79 -0.57	90.02 -3.23 -1.40	40.54 -1.66 -3.09	92.61 -3.43 -0.97	119.57 -4.43 -0.46	430.39 -12.56 0.00	128.71 -4.16 0.00	77.86 -3.16 -0.54	79.66 -3.17 -1.23	38.15 -1.62 -8.70	93.66 -4.42 -0.43	94.69 -4.06 -0.13

NEPA__ENERGY 23901	75.83 -3.90 0.00	78.57 -3.96 0.00	74.45 -3.95 0.00	72.96 -3.98 0.00	66.54 -3.29 0.00	61.32 -2.15 0.00	74.93 -3.30 0.00	84.82 -5.03 0.00	83.39 -4.89 0.00	84.89 -5.10 0.00	100.22 -6.93 -0.67	111.02 -7.09 -0.39	103.42 -6.83 -0.79	89.29 -4.47 -1.91	40.92 -2.41 -4.22	91.36 -5.04 -1.33	117.57 -6.60 -0.63	422.19 -20.77 0.00	126.16 -6.72 0.00	76.20 -5.02 -0.74	78.47 -4.81 -1.68	40.48 -2.37 -11.78	92.06 -6.19 -0.60	93.15 -5.65 -0.18
NEVERSink__HYD 23608	84.98 5.25 0.00	87.72 5.19 0.00	83.21 4.82 0.00	81.73 4.79 0.00	74.23 4.40 0.00	67.43 3.97 0.00	83.72 5.49 0.00	96.59 6.74 0.00	95.54 7.25 0.00	97.66 7.67 0.00	127.47 9.84 -11.15	135.32 11.08 -6.52	132.82 10.31 -13.04	132.50 8.83 -31.82	112.85 3.63 -70.11	126.00 8.90 -22.03	145.64 11.62 -10.47	484.13 41.18 0.00	145.77 12.89 0.00	100.77 7.93 -12.36	117.95 8.38 -27.98	111.98 3.12 -77.80	110.82 9.56 -3.61	108.69 9.11 -0.96
NEWKRMKL_115KV_TB1 55635	83.40 3.67 0.00	86.15 3.62 0.00	81.91 3.51 0.00	80.44 3.50 0.00	72.90 3.07 0.00	65.74 2.28 0.00	80.84 2.62 0.00	92.78 2.92 0.00	91.43 3.14 0.00	93.10 3.11 0.00	108.69 3.27 1.06	121.10 4.01 0.62	111.89 3.65 1.23	91.73 2.89 3.01	33.88 1.40 6.63	96.11 3.13 2.09	126.32 3.76 0.99	454.51 11.56 0.00	137.18 4.30 0.00	81.51 2.20 1.17	81.62 2.67 2.65	117.08 1.19 -84.83	110.86 4.39 -8.82	105.76 4.53 -2.61
NEWTON__FALLS_HYD 23847	78.48 -1.24 0.00	81.43 -1.09 0.00	77.20 -1.19 0.00	75.82 -1.12 0.00	68.95 -0.88 0.00	62.87 -0.60 0.00	78.08 -0.14 0.00	89.92 0.06 0.00	88.06 -0.23 0.00	89.78 -0.21 0.00	105.83 -0.65 0.00	116.75 -0.96 0.00	108.09 -1.38 0.00	90.29 -1.55 0.00	38.31 -0.81 0.00	93.71 -1.36 0.00	122.91 -0.64 0.00	443.15 0.19 0.00	132.17 -0.70 0.00	79.92 -0.56 0.00	80.34 -1.25 0.00	31.72 -0.67 -1.34	95.08 -2.57 0.00	95.66 -2.96 -0.01
NGRID_A1_DSASP 323792	71.62 -8.11 0.00	74.19 -8.34 0.00	70.32 -8.08 0.00	68.89 -8.06 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.71 -7.51 0.00	79.48 -10.37 0.00	77.81 -10.48 0.00	79.09 -10.90 0.00	93.10 -13.99 -0.61	103.25 -14.82 -0.36	96.44 -13.74 -0.72	83.30 -10.30 -1.75	38.17 -4.81 -3.86	85.51 -10.77 -1.21	109.95 -14.18 -0.58	395.85 -47.11 0.00	118.16 -14.72 0.00	71.47 -9.69 -0.68	73.39 -9.75 -1.54	37.55 -4.32 -10.81	86.26 -11.94 -0.55	88.03 -10.75 -0.17
NGRID_A2_DSASP 323793	71.62 -8.11 0.00	74.19 -8.34 0.00	70.32 -8.08 0.00	68.89 -8.06 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.71 -7.51 0.00	79.48 -10.37 0.00	77.81 -10.48 0.00	79.09 -10.90 0.00	93.10 -13.99 -0.61	103.25 -14.82 -0.36	96.44 -13.74 -0.72	83.30 -10.30 -1.75	38.17 -4.81 -3.86	85.51 -10.77 -1.21	109.95 -14.18 -0.58	395.85 -47.11 0.00	118.16 -14.72 0.00	71.47 -9.69 -0.68	73.39 -9.75 -1.54	37.55 -4.32 -10.81	86.26 -11.94 -0.55	88.03 -10.75 -0.17
NGRID_A4_DSASP 323807	71.62 -8.11 0.00	74.19 -8.34 0.00	70.32 -8.08 0.00	68.89 -8.06 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.71 -7.51 0.00	79.48 -10.37 0.00	77.81 -10.48 0.00	79.09 -10.90 0.00	93.10 -13.99 -0.61	103.25 -14.82 -0.36	96.44 -13.74 -0.72	83.30 -10.30 -1.75	38.17 -4.81 -3.86	85.51 -10.77 -1.21	109.95 -14.18 -0.58	395.85 -47.11 0.00	118.16 -14.72 0.00	71.47 -9.69 -0.68	73.39 -9.75 -1.54	37.55 -4.32 -10.81	86.26 -11.94 -0.55	88.03 -10.75 -0.17
NIAGARA_115E_LBMP 323715	71.71 -8.02 0.00	74.45 -8.08 0.00	70.59 -7.81 0.00	69.16 -7.78 0.00	63.06 -6.77 0.00	58.04 -5.42 0.00	70.59 -7.63 0.00	79.40 -10.45 0.00	77.80 -10.49 0.00	79.13 -10.86 0.00	93.14 -13.95 -0.62	103.31 -14.77 -0.36	96.51 -13.68 -0.72	83.25 -10.36 -1.76	38.11 -4.88 -3.87	85.51 -10.78 -1.22	109.90 -14.23 -0.58	395.53 -47.43 0.00	118.11 -14.77 0.00	71.49 -9.68 -0.68	73.37 -9.77 -1.54	37.53 -4.37 -10.84	86.19 -12.01 -0.55	87.93 -10.85 -0.17
NIAGARA_115W_LBMP 323714	71.51 -8.22 0.00	74.07 -8.46 0.00	70.21 -8.18 0.00	68.78 -8.16 0.00	62.71 -7.11 0.00	57.78 -5.69 0.00	70.58 -7.65 0.00	79.33 -10.52 0.00	77.64 -10.65 0.00	78.94 -11.05 0.00	92.92 -14.18 -0.61	103.06 -15.01 -0.36	96.25 -13.93 -0.72	83.13 -10.48 -1.75	38.08 -4.89 -3.85	85.34 -10.95 -1.21	109.72 -14.41 -0.58	394.96 -47.99 0.00	117.89 -14.98 0.00	71.32 -9.84 -0.68	73.24 -9.90 -1.54	37.48 -4.38 -10.80	86.09 -12.11 -0.55	87.86 -10.92 -0.17
NIAGARA_230_LBMP 323716	72.28 -7.45 0.00	74.94 -7.59 0.00	71.00 -7.40 0.00	69.58 -7.36 0.00	63.43 -6.39 0.00	58.42 -5.05 0.00	71.33 -6.90 0.00	80.29 -9.56 0.00	78.61 -9.67 0.00	79.91 -10.08 0.00	94.14 -12.95 -0.60	104.40 -13.67 -0.35	97.49 -12.69 -0.71	84.14 -9.44 -1.73	38.52 -4.40 -3.80	86.35 -9.91 -1.20	111.09 -13.02 -0.57	399.97 -42.99 0.00	119.35 -13.53 0.00	72.18 -8.98 -0.67	74.14 -8.97 -1.52	37.75 -3.97 -10.66	87.13 -11.06 -0.54	88.86 -9.92 -0.17
NIAGARA__115KV_198_GIBSON 55903	71.49 -8.23 0.00	74.06 -8.46 0.00	70.22 -8.18 0.00	68.77 -8.17 0.00	62.71 -7.11 0.00	57.77 -5.70 0.00	70.55 -7.68 0.00	79.33 -10.52 0.00	77.63 -10.66 0.00	78.91 -11.08 0.00	92.95 -14.14 -0.61	103.06 -15.01 -0.36	96.23 -13.95 -0.72	83.09 -10.51 -1.75	38.01 -4.96 -3.85	85.31 -10.97 -1.21	109.73 -14.39 -0.58	394.88 -48.08 0.00	117.88 -14.99 0.00	71.32 -9.84 -0.68	73.24 -9.90 -1.54	37.46 -4.40 -10.80	86.17 -12.02 -0.55	87.86 -10.92 -0.17
NIAGARA____ 23760	72.28 -7.45 0.00	74.94 -7.59 0.00	71.00 -7.40 0.00	69.58 -7.36 0.00	63.43 -6.39 0.00	58.42 -5.05 0.00	71.33 -6.90 0.00	80.29 -9.56 0.00	78.61 -9.67 0.00	79.91 -10.08 0.00	94.14 -12.95 -0.61	104.40 -13.67 -0.36	97.49 -12.69 -0.71	84.15 -9.44 -1.74	38.56 -4.40 -3.84	86.36 -9.91 -1.21	111.09 -13.02 -0.57	399.97 -42.99 0.00	119.35 -13.53 0.00	72.18 -8.98 -0.68	74.16 -8.97 -1.53	37.84 -3.97 -10.75	87.13 -11.06 -0.54	88.86 -9.92 -0.17
NINE_MILE_1 23575	76.61 -3.12 0.00	79.29 -3.23 0.00	75.31 -3.08 0.00	73.91 -3.04 0.00	67.13 -2.70 0.00	61.12 -2.35 0.00	75.38 -2.85 0.00	86.47 -3.39 0.00	85.06 -3.22 0.00	86.67 -3.32 0.00	102.52 -3.96 0.00	113.42 -4.29 0.00	105.37 -4.09 0.00	88.65 -3.20 0.00	37.74 -1.38 0.00	91.68 -3.39 0.00	119.19 -4.35 0.00	427.51 -15.45 0.00	128.21 -4.67 0.00	77.54 -2.95 0.00	78.69 -2.91 0.00	32.86 -1.11 -2.92	93.95 -3.70 0.00	94.90 -3.73 -0.01
NINE_MILE_2 23744	76.62 -3.11 0.00	79.30 -3.23 0.00	75.31 -3.08 0.00	73.91 -3.04 0.00	67.13 -2.70 0.00	61.12 -2.35 0.00	75.38 -2.85 0.00	86.46 -3.40 0.00	85.06 -3.22 0.00	86.67 -3.32 0.00	102.52 -3.96 0.00	113.42 -4.29 0.00	105.37 -4.09 0.00	88.64 -3.21 0.00	37.74 -1.38 0.00	91.67 -3.40 0.00	119.17 -4.38 0.00	427.51 -15.45 0.00	128.21 -4.67 0.00	77.54 -2.95 0.00	78.69 -2.91 0.00	32.85 -1.11 -2.91	93.95 -3.70 0.00	94.90 -3.73 -0.01
NM_CAPITAL__DRP 24208	83.38 3.66 0.00	86.11 3.58 0.00	81.91 3.51 0.00	80.44 3.50 0.00	72.90 3.07 0.00	65.80 2.33 0.00	80.98 2.75 0.00	92.91 3.05 0.00	91.53 3.24 0.00	93.19 3.20 0.00	108.94 3.43 0.97	121.41 4.26 0.57	112.19 3.87 1.14	92.12 3.04 2.77	34.47 1.46 6.11	96.42 3.27 1.92	126.51 3.87 0.91	454.57 11.61 0.00	137.18 4.31 0.00	81.71 2.30 1.08	82.02 2.86 2.44	116.59 1.23 -84.29	110.66 4.42 -8.60	105.76 4.59 -2.55

NM_CENTRAL___DRP 24181	78.16 -1.57 0.00	80.89 -1.64 0.00	76.80 -1.60 0.00	75.39 -1.56 0.00	68.52 -1.31 0.00	62.42 -1.04 0.00	77.39 -0.84 0.00	88.99 -0.87 0.00	87.72 -0.56 0.00	89.37 -0.62 0.00	106.05 -0.78 -0.35	117.11 -0.81 -0.21	108.98 -0.90 -0.41	92.49 -0.36 -1.01	41.10 -0.23 -2.22	95.24 -0.53 -0.70	123.28 -0.60 -0.33	441.08 -1.88 0.00	132.26 -0.62 0.00	80.31 -0.56 -0.39	82.01 -0.47 -0.88	36.44 -0.27 -5.65	96.71 -0.96 -0.02	97.58 -1.05 -0.02
NM_FRONTIER___DRP 24179	71.49 -8.23 0.00	74.06 -8.46 0.00	70.22 -8.18 0.00	68.77 -8.17 0.00	62.71 -7.11 0.00	57.77 -5.70 0.00	70.55 -7.68 0.00	79.33 -10.52 0.00	77.63 -10.66 0.00	78.91 -11.08 0.00	92.95 -14.14 -0.61	103.06 -15.01 -0.36	96.23 -13.95 -0.72	83.09 -10.51 -1.75	38.01 -4.96 -3.85	85.31 -10.97 -1.21	109.73 -14.39 -0.58	394.88 -48.08 0.00	117.88 -14.99 0.00	71.32 -9.84 -0.68	73.24 -9.90 -1.54	37.46 -4.40 -10.80	86.17 -12.02 -0.55	87.86 -10.92 -0.17
NM_ST_REGIS___HYD 24053	78.28 -1.45 0.00	81.25 -1.28 0.00	77.04 -1.36 0.00	75.63 -1.31 0.00	68.76 -1.07 0.00	62.70 -0.77 0.00	77.35 -0.87 0.00	88.83 -1.03 0.00	86.65 -1.64 0.00	88.52 -1.47 0.00	104.25 -2.23 0.00	114.73 -2.98 0.00	106.81 -2.65 0.00	88.94 -2.91 0.00	37.86 -1.25 0.00	92.70 -2.37 0.00	121.10 -2.45 0.00	436.93 -6.03 0.00	130.26 -2.62 0.00	78.74 -1.74 0.00	79.08 -2.52 0.00	30.02 -1.04 0.00	94.25 -3.40 0.00	94.80 -3.81 0.00
NORTHPORT___1 23551	86.28 6.55 0.00	88.98 6.46 0.00	84.28 5.88 0.00	82.68 5.73 0.00	75.32 5.49 0.00	68.08 4.61 0.00	84.73 6.50 0.00	97.86 8.00 0.00	97.45 9.17 0.00	99.99 10.00 0.00	137.58 13.09 -18.01	145.47 14.73 -13.02	147.86 13.80 -24.59	157.74 11.68 -54.21	148.43 4.92 -104.39	144.51 11.77 -37.67	151.51 14.41 -13.54	485.38 41.99 -0.44	205.11 15.32 -56.92	285.40 9.55 -195.37	229.10 9.83 -137.67	253.24 3.91 -218.26	114.36 12.32 -4.38	111.27 11.66 -1.00
NORTHPORT___2 23552	86.28 6.55 0.00	88.98 6.46 0.00	84.28 5.88 0.00	82.68 5.73 0.00	75.32 5.49 0.00	68.08 4.61 0.00	84.73 6.50 0.00	97.86 8.00 0.00	97.45 9.17 0.00	99.99 10.00 0.00	137.58 13.09 -18.01	145.47 14.73 -13.02	147.86 13.80 -24.59	157.74 11.68 -54.21	148.43 4.92 -104.39	144.51 11.77 -37.67	151.51 14.41 -13.54	485.38 41.99 -0.44	205.11 15.32 -56.92	285.40 9.55 -195.37	229.10 9.83 -137.67	253.24 3.91 -218.26	114.36 12.32 -4.38	111.27 11.66 -1.00
NORTHPORT___3 23553	85.55 5.82 0.00	88.18 5.65 0.00	83.54 5.14 0.00	81.96 5.02 0.00	74.56 4.73 0.00	67.48 4.02 0.00	83.97 5.74 0.00	96.92 7.07 0.00	96.49 8.20 0.00	99.10 9.11 0.00	136.53 12.04 -18.01	144.31 13.57 -13.02	146.72 12.66 -24.59	156.66 10.60 -54.21	147.99 4.48 -104.39	143.42 10.68 -37.67	149.79 12.70 -13.55	480.31 36.92 -0.44	203.21 13.42 -56.92	284.34 8.49 -195.37	227.98 8.70 -137.67	252.83 3.51 -218.26	113.20 11.17 -4.38	110.21 10.59 -1.00
NORTHPORT___4 23650	85.55 5.82 0.00	88.18 5.65 0.00	83.54 5.14 0.00	81.96 5.02 0.00	74.56 4.73 0.00	67.48 4.02 0.00	83.97 5.74 0.00	96.92 7.07 0.00	96.49 8.20 0.00	99.10 9.11 0.00	136.53 12.04 -18.01	144.31 13.57 -13.02	146.72 12.66 -24.59	156.66 10.60 -54.21	147.99 4.48 -104.39	143.42 10.68 -37.67	149.79 12.70 -13.55	480.31 36.92 -0.44	203.21 13.42 -56.92	284.34 8.49 -195.37	227.98 8.70 -137.67	252.83 3.51 -218.26	113.20 11.17 -4.38	110.21 10.59 -1.00
NORTHPORT___IC 23718	86.28 6.56 0.00	88.98 6.46 0.00	84.28 5.88 0.00	82.67 5.72 0.00	75.32 5.49 0.00	68.08 4.62 0.00	84.74 6.51 0.00	97.86 8.00 0.00	97.45 9.17 0.00	100.00 10.01 0.00	137.58 13.09 -18.01	145.46 14.72 -13.02	147.86 13.80 -24.59	157.76 11.69 -54.21	148.44 4.93 -104.39	144.53 11.78 -37.67	151.53 14.43 -13.54	485.75 42.36 -0.43	205.11 15.31 -56.92	285.41 9.55 -195.37	229.10 9.83 -137.67	253.24 3.91 -218.26	114.34 12.31 -4.38	111.27 11.66 -1.00
NORTH___COUNTRY_ESR 323785	79.30 -0.43 0.00	82.26 -0.27 0.00	77.92 -0.48 0.00	76.41 -0.54 0.00	69.44 -0.38 0.00	63.21 -0.26 0.00	77.78 -0.45 0.00	89.20 -0.66 0.00	87.10 -1.18 0.00	88.87 -1.12 0.00	105.02 -1.46 0.00	115.75 -1.97 0.00	107.79 -1.67 0.00	90.01 -1.84 0.00	38.31 -0.81 0.00	93.22 -1.85 0.00	121.47 -2.08 0.00	436.41 -6.54 0.00	130.16 -2.72 0.00	78.63 -1.85 0.00	79.13 -2.47 0.00	30.13 -0.93 0.00	94.66 -2.99 0.00	95.12 -3.49 0.00
NPX_GEN_1385_PROXY 323591	86.65 6.92 0.00	89.54 7.01 0.00	85.06 6.66 0.00	83.44 6.50 0.00	76.18 6.35 0.00	68.08 4.61 0.00	84.73 6.50 0.00	97.86 8.00 0.00	97.45 9.17 0.00	99.99 10.00 0.00	137.58 13.09 -18.01	145.47 14.73 -13.02	147.86 13.80 -24.59	157.74 11.68 -54.21	148.43 4.92 -104.39	144.43 11.77 -37.59	151.51 14.41 -13.54	485.38 41.99 -0.44	205.11 15.32 -56.92	285.40 9.55 -195.37	229.10 9.83 -137.67	253.24 3.91 -218.26	114.36 12.32 -4.38	111.27 11.66 -1.00
NPX_GEN_CSC 323557	87.10 7.37 0.00	89.64 7.11 0.00	84.78 6.39 0.00	83.08 6.14 0.00	75.69 5.86 0.00	68.75 5.28 0.00	85.93 7.70 0.00	98.73 8.87 0.00	99.46 11.17 0.00	102.07 12.08 0.00	140.03 15.54 -18.01	148.16 17.42 -13.02	150.49 16.44 -24.59	160.14 14.08 -54.21	149.48 5.96 -104.39	147.08 14.42 -37.59	155.04 17.93 -13.57	495.32 51.85 -0.51	209.03 19.23 -56.92	287.70 11.84 -195.37	230.88 11.61 -137.67	253.96 4.64 -218.26	116.34 14.30 -4.38	112.58 12.97 -1.00
NSINS_S___GLNS_FALLS 23858	85.98 6.26 0.00	88.63 6.10 0.00	84.25 5.86 0.00	82.76 5.81 0.00	75.26 5.43 0.00	68.56 5.09 0.00	85.21 6.97 0.00	97.92 8.06 0.00	96.45 8.17 0.00	98.11 8.12 0.00	115.21 9.42 0.69	128.33 11.02 0.41	118.36 9.71 0.81	97.82 7.94 1.98	38.11 3.35 4.36	102.30 8.59 1.37	134.56 11.66 0.65	482.85 39.89 0.00	145.14 12.26 0.00	87.29 7.58 0.77	88.22 8.36 1.74	133.22 3.11 -99.04	120.69 9.49 -13.55	111.66 9.19 -3.86
NUCOR_STEEL___DRP 24197	79.42 -0.31 0.00	82.15 -0.38 0.00	77.75 -0.65 0.00	76.53 -0.41 0.00	69.62 -0.21 0.00	63.52 0.05 0.00	79.63 1.40 0.00	91.61 1.75 0.00	90.59 2.31 0.00	91.81 1.82 0.00	108.84 1.87 -0.49	120.71 2.71 -0.29	112.24 2.21 -0.57	95.80 2.56 -1.39	43.17 0.98 -3.07	98.49 2.46 -0.96	127.62 3.61 -0.46	457.47 14.51 0.00	137.03 4.16 0.00	82.81 1.79 -0.54	85.00 2.18 -1.23	40.23 0.49 -8.68	100.05 1.96 -0.44	100.63 1.88 -0.14
NUMBER_THREE_WT_PWR 323818	81.05 1.32 0.00	84.13 1.60 0.00	79.69 1.29 0.00	78.25 1.30 0.00	71.16 1.33 0.00	64.90 1.44 0.00	80.92 2.69 0.00	93.31 3.45 0.00	91.69 3.41 0.00	93.37 3.38 0.00	110.25 3.77 0.00	121.80 4.09 0.00	112.46 2.99 0.00	94.25 2.40 0.00	39.83 0.71 0.00	97.23 2.16 0.00	127.81 4.26 0.00	459.65 16.69 0.00	137.00 4.12 0.00	82.87 2.39 0.00	83.38 1.78 0.00	33.27 0.39 -1.83	98.07 0.42 0.00	98.72 0.10 -0.01
NYISO_LBMP_REFERENCE 24008	79.73 0.00 0.00	82.53 0.00 0.00	78.40 0.00 0.00	76.94 0.00 0.00	69.83 0.00 0.00	63.47 0.00 0.00	78.23 0.00 0.00	89.85 0.00 0.00	88.29 0.00 0.00	89.99 0.00 0.00	106.48 0.00 0.00	117.72 0.00 0.00	109.47 0.00 0.00	91.85 0.00 0.00	39.12 0.00 0.00	95.07 0.00 0.00	123.55 0.00 0.00	442.96 0.00 0.00	132.88 0.00 0.00	80.48 0.00 0.00	81.60 0.00 0.00	31.06 0.00 0.00	97.65 0.00 0.00	98.61 0.00 0.00

NYPA_BRENTWD____GT 24164	87.04 7.32 0.00	89.72 7.19 0.00	84.90 6.50 0.00	83.27 6.33 0.00	75.83 6.00 0.00	68.67 5.21 0.00	85.64 7.41 0.00	98.93 9.07 0.00	98.61 10.32 0.00	101.17 11.18 0.00	138.99 14.50 -18.01	147.01 16.26 -13.02	149.33 15.27 -24.59	159.07 13.01 -54.21	149.00 5.49 -104.39	145.92 13.18 -37.67	153.55 16.39 -13.61	492.43 48.82 -0.66	207.28 17.48 -56.92	286.70 10.84 -195.37	230.37 11.10 -137.67	253.63 4.31 -218.26	115.69 13.65 -4.38	112.49 12.88 -1.00
NYPA_GOWANUS____GT5 24156	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
NYPA_GOWANUS____GT6 24157	86.66 6.11 -0.82	88.54 6.01 0.00	83.92 5.52 0.00	82.39 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.54 5.74 -1.57	105.57 7.31 -8.40	244.60 8.01 -148.31	152.50 8.57 -53.94	394.77 11.54 -276.76	292.06 12.73 -161.61	357.26 11.85 -235.95	290.30 9.98 -188.47	290.88 4.25 -247.51	307.26 10.22 -201.97	316.94 12.38 -181.01	557.96 40.78 -74.22	315.88 13.08 -169.92	452.78 8.37 -363.92	891.32 8.89 -800.83	278.29 3.42 -243.81	112.69 10.80 -4.24	109.78 10.17 -1.00
NYPA_HARLEM__RVR__GT1 24160	84.94 5.22 0.01	87.62 5.11 0.02	83.10 4.72 0.02	81.61 4.68 0.01	74.08 4.27 0.01	67.14 3.68 0.01	83.10 4.89 0.02	96.20 6.34 0.00	95.34 7.05 0.00	97.64 7.65 0.00	131.81 10.28 -15.04	138.20 11.68 -8.80	137.73 10.66 -17.60	143.74 8.97 -42.93	137.46 3.78 -94.56	133.81 9.02 -29.72	148.79 11.12 -14.12	478.88 35.92 0.00	144.45 11.57 0.00	104.45 7.29 -16.68	127.09 7.75 -37.74	125.48 3.03 -91.39	111.24 9.67 -3.92	108.81 9.20 -1.00
NYPA_HARLEM__RVR__GT2 24161	84.94 5.22 0.01	87.62 5.11 0.02	83.10 4.72 0.02	81.61 4.68 0.01	74.08 4.27 0.01	67.14 3.68 0.01	83.10 4.89 0.02	96.20 6.34 0.00	95.34 7.05 0.00	97.64 7.65 0.00	131.81 10.28 -15.04	138.20 11.68 -8.80	137.73 10.66 -17.60	143.74 8.97 -42.93	137.46 3.78 -94.56	133.81 9.02 -29.72	148.79 11.12 -14.12	478.88 35.92 0.00	144.45 11.57 0.00	104.45 7.29 -16.68	127.09 7.75 -37.74	125.48 3.03 -91.39	111.24 9.67 -3.92	108.81 9.20 -1.00
NYPA_KENT____GT 24152	86.08 5.86 -0.50	88.29 5.76 0.00	83.72 5.32 0.00	82.18 5.24 0.00	74.63 4.80 0.00	73.10 4.16 -5.48	84.69 5.51 -0.95	101.98 7.06 -5.07	185.53 7.75 -89.49	118.16 8.35 -19.82	160.64 11.23 -42.94	144.79 12.50 -14.57	146.76 11.66 -25.64	150.27 9.82 -48.60	143.65 4.18 -100.36	141.17 10.03 -36.07	155.98 12.17 -20.27	485.95 39.81 -3.19	152.64 12.73 -7.04	122.01 8.14 -33.38	165.55 8.64 -75.31	155.77 3.34 -121.37	112.28 10.52 -4.11	109.58 9.97 -1.00
NYPA_POUCH1____GT 24155	86.56 6.01 -0.82	88.44 5.91 0.00	83.76 5.37 0.00	82.21 5.27 0.00	74.66 4.83 0.00	76.79 4.24 -9.08	85.28 5.47 -1.57	105.25 7.00 -8.40	244.30 7.71 -148.31	128.37 8.20 -30.19	151.76 11.19 -34.10	130.23 12.21 -0.30	125.93 11.39 -5.07	136.30 9.56 -34.89	129.15 4.09 -85.95	124.76 9.85 -19.84	139.92 11.82 -4.55	478.81 39.27 3.42	137.26 12.69 8.30	91.66 8.15 -3.03	101.70 8.65 -11.45	162.53 3.35 -128.12	112.42 10.53 -4.24	109.48 9.87 -1.00
NYPA_VERNON____GT2 24162	85.51 5.62 -0.17	88.04 5.51 0.00	83.50 5.10 0.00	81.99 5.05 0.00	74.45 4.62 0.00	69.36 4.02 -1.88	83.93 5.37 -0.33	98.49 6.90 -1.74	126.53 7.58 -30.67	105.16 8.24 -6.93	143.45 10.99 -25.98	141.69 12.27 -11.70	142.61 11.48 -21.67	147.49 9.65 -45.98	140.81 4.10 -97.59	137.86 9.85 -32.93	152.75 11.97 -17.23	483.25 38.75 -1.54	148.68 12.38 -3.43	113.76 7.91 -25.37	145.25 8.40 -55.25	136.64 3.25 -102.33	111.88 10.24 -3.98	109.32 9.70 -1.00
NYPA_VERNON____GT3 24163	85.51 5.62 -0.17	88.04 5.51 0.00	83.50 5.10 0.00	81.99 5.05 0.00	74.45 4.62 0.00	69.36 4.02 -1.88	83.93 5.37 -0.33	98.49 6.90 -1.74	126.53 7.58 -30.67	105.16 8.24 -6.93	143.45 10.99 -25.98	141.69 12.27 -11.70	142.61 11.48 -21.67	147.49 9.65 -45.98	140.81 4.10 -97.59	137.86 9.85 -32.93	152.75 11.97 -17.23	483.25 38.75 -1.54	148.68 12.38 -3.43	113.76 7.91 -25.37	145.25 8.40 -55.25	136.64 3.25 -102.33	111.88 10.24 -3.98	109.32 9.70 -1.00
NYPA__ASTORIA_CC1 323568	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.85 4.91 0.00	74.32 4.49 0.00	67.36 3.90 0.00	83.45 5.23 0.00	96.60 6.75 0.00	95.71 7.43 0.00	98.06 8.07 0.00	132.31 10.79 -15.04	138.58 12.06 -8.80	138.35 11.29 -17.60	144.56 9.49 -43.22	137.87 4.04 -94.71	134.47 9.68 -29.72	149.40 11.73 -14.13	480.83 37.87 0.00	145.00 12.12 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.66 10.10 -3.92	109.18 9.57 -1.00
NYPA__ASTORIA_CC2 323569	85.22 5.49 0.00	87.90 5.37 0.00	83.36 4.96 0.00	81.85 4.91 0.00	74.32 4.49 0.00	67.36 3.90 0.00	83.45 5.23 0.00	96.60 6.75 0.00	95.71 7.43 0.00	98.06 8.07 0.00	132.31 10.79 -15.04	138.58 12.06 -8.80	138.35 11.29 -17.60	144.56 9.49 -43.22	137.87 4.04 -94.71	134.47 9.68 -29.72	149.40 11.73 -14.13	480.83 37.87 0.00	145.00 12.12 0.00	106.05 7.77 -17.79	127.76 8.25 -37.92	125.66 3.21 -91.39	111.66 10.10 -3.92	109.18 9.57 -1.00
NYPA__HOLTSVILL 23794	86.55 6.82 0.00	89.15 6.62 0.00	84.31 5.91 0.00	82.64 5.70 0.00	75.23 5.41 0.00	68.17 4.70 0.00	85.03 6.80 0.00	98.14 8.28 0.00	98.05 9.76 0.00	100.62 10.63 0.00	138.31 13.82 -18.01	146.27 15.53 -13.02	148.63 14.58 -24.59	158.48 12.42 -54.21	148.78 5.27 -104.39	145.40 12.66 -37.67	152.72 15.61 -13.56	487.50 44.05 -0.50	206.31 16.52 -56.92	286.10 10.25 -195.37	229.73 10.46 -137.67	253.54 4.21 -218.26	115.13 13.10 -4.38	111.85 12.24 -1.00
NYPA__HELLGATE_GT1 24158	84.94 5.22 0.00	87.64 5.11 0.00	83.11 4.72 0.00	81.62 4.68 0.00	74.09 4.27 0.00	67.15 3.68 0.00	83.11 4.89 0.00	96.20 6.34 0.00	95.34 7.05 0.00	97.64 7.65 0.00	131.81 10.28 -15.04	138.20 11.68 -8.80	137.73 10.66 -17.60	143.74 8.97 -42.93	137.46 3.78 -94.56	133.81 9.02 -29.72	148.79 11.12 -14.12	478.88 35.92 0.00	144.45 11.57 0.00	104.45 7.29 -16.68	127.09 7.75 -37.74	125.48 3.03 -91.39	111.24 9.67 -3.92	108.81 9.20 -1.00
NYPA__HELLGATE_GT2 24159	84.94 5.22 0.00	87.64 5.11 0.00	83.11 4.72 0.00	81.62 4.68 0.00	74.09 4.27 0.00	67.15 3.68 0.00	83.11 4.89 0.00	96.20 6.34 0.00	95.34 7.05 0.00	97.64 7.65 0.00	131.81 10.28 -15.04	138.20 11.68 -8.80	137.73 10.66 -17.60	143.74 8.97 -42.93	137.46 3.78 -94.56	133.81 9.02 -29.72	148.79 11.12 -14.12	478.88 35.92 0.00	144.45 11.57 0.00	104.45 7.29 -16.68	127.09 7.75 -37.74	125.48 3.03 -91.39	111.24 9.67 -3.92	108.81 9.20 -1.00
NYS_BARGE__HYD 23848	72.80 -6.93 0.00	75.55 -6.98 0.00	71.61 -6.79 0.00	70.16 -6.78 0.00	63.98 -5.85 0.00	58.96 -4.51 0.00	71.90 -6.33 0.00	81.06 -8.79 0.00	79.47 -8.82 0.00	80.87 -9.12 0.00	95.16 -11.91 -0.60	105.61 -12.45 -0.35	98.59 -11.57 -0.70	85.01 -8.55 -1.70	38.78 -4.10 -3.75	87.28 -8.97 -1.18	112.32 -11.78 -0.56	404.45 -38.51 0.00	120.73 -12.15 0.00	73.04 -8.10 -0.66	74.92 -8.18 -1.50	37.85 -3.74 -10.52	87.94 -10.24 -0.53	89.58 -9.19 -0.16

OAK ORCHARD___HYD 24046	75.89 -3.84 0.00	78.56 -3.97 0.00	74.52 -3.88 0.00	73.12 -3.83 0.00	66.63 -3.20 0.00	61.12 -2.34 0.00	75.35 -2.88 0.00	85.87 -3.98 0.00	84.38 -3.91 0.00	85.87 -4.12 0.00	101.50 -5.46 -0.49	112.39 -5.61 -0.28	104.72 -5.31 -0.57	89.58 -3.65 -1.39	40.41 -1.76 -3.05	92.14 -3.90 -0.96	118.98 -5.02 -0.46	427.72 -15.23 0.00	127.83 -5.05 0.00	77.40 -3.62 -0.54	79.21 -3.60 -1.22	37.97 -1.71 -8.62	93.18 -4.89 -0.43	94.23 -4.51 -0.13
OAKDALE___35_KV_LOAD 356122	79.43 -0.30 0.00	82.22 -0.31 0.00	78.07 -0.33 0.00	76.62 -0.33 0.00	69.62 -0.20 0.00	63.38 -0.09 0.00	78.36 0.13 0.00	90.01 0.15 0.00	88.88 0.60 0.00	90.54 0.55 0.00	108.60 0.81 -1.32	119.42 0.94 -0.77	111.69 0.68 -1.54	96.80 1.19 -3.75	47.64 0.26 -8.27	98.46 0.79 -2.60	125.77 0.99 -1.24	445.89 2.93 0.00	133.60 0.72 0.00	82.18 0.24 -1.46	85.38 0.48 -3.30	54.11 0.06 -22.99	99.42 0.49 -1.28	99.34 0.34 -0.39
OCC_CHEM___DRP 24175	71.64 -8.09 0.00	74.19 -8.34 0.00	70.32 -8.07 0.00	68.90 -8.05 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.67 -7.56 0.00	79.48 -10.37 0.00	77.79 -10.49 0.00	79.07 -10.91 0.00	93.12 -13.97 -0.61	103.25 -14.83 -0.36	96.38 -13.79 -0.72	83.27 -10.34 -1.75	38.10 -4.88 -3.86	85.51 -10.78 -1.21	109.92 -14.20 -0.58	395.77 -47.19 0.00	118.13 -14.75 0.00	71.47 -9.69 -0.68	73.38 -9.75 -1.54	37.54 -4.33 -10.81	86.37 -11.83 -0.55	88.04 -10.74 -0.17
OH_GEN_PROXY 24063	72.40 -7.33 0.00	75.05 -7.48 0.00	71.13 -7.27 0.00	69.70 -7.24 0.00	63.55 -6.28 0.00	58.50 -4.97 0.00	71.47 -6.76 0.00	80.56 -9.29 0.00	78.93 -9.35 0.00	80.22 -9.77 0.00	88.13 -12.57 5.78	104.80 -13.27 -0.35	97.89 -12.28 -0.71	84.47 -9.11 -1.73	38.66 -4.26 -3.81	86.58 -9.60 -1.11	111.55 -12.56 -0.57	494.36 -41.37 -92.77	147.61 -13.06 -27.80	72.43 -8.72 -0.67	74.41 -8.70 -1.52	37.89 -3.85 -10.68	87.45 -10.74 -0.54	89.06 -9.71 -0.17
OLIN_CORP_DRP 24177	71.84 -7.89 0.00	74.57 -7.95 0.00	70.70 -7.70 0.00	69.27 -7.68 0.00	63.18 -6.65 0.00	58.14 -5.32 0.00	70.73 -7.50 0.00	79.61 -10.24 0.00	77.98 -10.30 0.00	79.30 -10.69 0.00	93.42 -13.68 -0.62	103.54 -14.54 -0.36	96.72 -13.46 -0.73	83.44 -10.18 -1.77	38.17 -4.84 -3.90	85.72 -10.58 -1.23	110.18 -13.95 -0.58	396.36 -46.60 0.00	118.40 -14.47 0.00	71.69 -9.48 -0.69	73.57 -9.58 -1.56	37.68 -4.30 -10.92	86.53 -11.68 -0.55	88.12 -10.66 -0.17
OLIN_CORP_DSASP 323712	71.62 -8.11 0.00	74.19 -8.34 0.00	70.32 -8.08 0.00	68.89 -8.06 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.71 -7.51 0.00	79.48 -10.37 0.00	77.81 -10.48 0.00	79.09 -10.90 0.00	93.10 -13.99 -0.61	103.25 -14.82 -0.36	96.44 -13.74 -0.72	83.30 -10.30 -1.75	38.17 -4.81 -3.86	85.51 -10.77 -1.21	109.95 -14.18 -0.58	395.85 -47.11 0.00	118.16 -14.72 0.00	71.47 -9.69 -0.68	73.39 -9.75 -1.54	37.55 -4.32 -10.81	86.26 -11.94 -0.55	88.03 -10.75 -0.17
ONEIDA_HERK_LFGE 323681	81.80 2.07 0.00	84.78 2.26 0.00	80.45 2.05 0.00	79.00 2.06 0.00	71.78 1.95 0.00	65.40 1.93 0.00	81.20 2.98 0.00	93.53 3.67 0.00	92.13 3.84 0.00	93.85 3.86 0.00	110.99 4.51 0.00	122.66 4.94 0.00	113.70 4.24 0.00	95.45 3.60 0.00	40.46 1.34 0.00	98.54 3.47 0.00	128.76 5.22 0.00	462.26 19.31 0.00	138.25 5.38 0.00	83.63 3.15 0.00	84.58 2.99 0.00	33.63 0.97 -1.61	100.25 2.60 0.00	100.98 2.36 -0.01
ONEIDA___115KV_TB4 55905	82.01 2.28 0.00	85.03 2.50 0.00	80.76 2.36 0.00	79.28 2.34 0.00	72.10 2.27 0.00	65.71 2.25 0.00	81.54 3.31 0.00	93.91 4.05 0.00	92.56 4.27 0.00	94.22 4.23 0.00	111.55 5.07 0.00	123.12 5.41 0.00	114.36 4.90 0.00	96.26 4.41 0.00	40.85 1.73 0.00	99.34 4.27 0.00	129.54 5.99 0.00	463.89 20.94 0.00	138.97 6.09 0.00	83.99 3.51 0.00	85.19 3.60 0.00	35.42 1.25 -3.11	101.30 3.65 0.00	102.04 3.41 -0.01
ONONDAGA_REF_OCCRA 23987	78.81 -0.92 0.00	81.55 -0.97 0.00	77.43 -0.97 0.00	76.01 -0.94 0.00	69.08 -0.75 0.00	62.94 -0.53 0.00	78.17 -0.06 0.00	89.95 0.09 0.00	88.66 0.37 0.00	90.27 0.28 0.00	107.22 0.30 -0.44	118.39 0.41 -0.26	110.19 0.21 -0.52	93.74 0.62 -1.27	42.07 0.16 -2.79	96.42 0.48 -0.88	124.76 0.80 -0.42	446.18 3.22 0.00	133.84 0.96 0.00	81.33 0.36 -0.49	83.18 0.48 -1.11	38.13 0.06 -7.01	97.80 0.12 -0.03	98.62 -0.02 -0.03
ONONDAGA___COGEN 23986	78.65 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.60 0.00	78.50 0.27 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.81 0.82 0.00	107.70 0.82 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.21 1.21 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.58 1.66 -0.38	449.99 7.03 0.00	134.89 2.01 0.00	81.78 0.85 -0.45	83.66 1.05 -1.01	37.67 0.22 -6.39	98.35 0.68 -0.02	99.22 0.58 -0.02
ONTARIO___LFGE 23819	78.20 -1.53 0.00	80.78 -1.75 0.00	76.89 -1.51 0.00	75.46 -1.49 0.00	68.81 -1.02 0.00	63.04 -0.43 0.00	78.20 -0.02 0.00	89.66 -0.20 0.00	88.49 0.20 0.00	89.94 -0.05 0.00	106.42 -0.64 -0.58	117.40 -0.66 -0.34	109.33 -0.82 -0.68	93.88 0.36 -1.67	42.85 0.06 -3.68	96.58 0.35 -1.16	124.35 0.25 -0.55	444.24 1.29 0.00	132.97 0.09 0.00	80.86 -0.27 -0.65	82.91 -0.16 -1.47	41.18 -0.20 -10.32	97.37 -0.81 -0.52	97.50 -1.27 -0.16
ORANGEVILLE_WT_PWR 323706	75.58 -4.15 0.00	78.27 -4.26 0.00	74.25 -4.14 0.00	72.78 -4.17 0.00	66.34 -3.49 0.00	60.99 -2.47 0.00	74.72 -3.51 0.00	84.75 -5.11 0.00	83.35 -4.94 0.00	84.79 -5.20 0.00	100.27 -6.96 -0.75	110.90 -7.25 -0.44	103.37 -6.97 -0.87	89.46 -4.53 -2.13	41.53 -2.29 -4.70	91.45 -5.10 -1.48	117.62 -6.63 -0.70	421.01 -21.94 0.00	125.71 -7.16 0.00	76.29 -5.02 -0.83	78.52 -4.95 -1.87	41.85 -2.31 -13.10	92.01 -6.31 -0.67	92.89 -5.92 -0.21
ORANGEVILLE___ESR 323794	75.58 -4.15 0.00	78.27 -4.26 0.00	74.25 -4.14 0.00	72.78 -4.17 0.00	66.34 -3.49 0.00	60.99 -2.47 0.00	74.72 -3.51 0.00	84.75 -5.11 0.00	83.35 -4.94 0.00	84.79 -5.20 0.00	100.27 -6.96 -0.75	110.90 -7.25 -0.44	103.37 -6.97 -0.87	89.46 -4.53 -2.13	41.53 -2.29 -4.70	91.45 -5.10 -1.48	117.62 -6.63 -0.70	421.01 -21.94 0.00	125.71 -7.16 0.00	76.29 -5.02 -0.83	78.52 -4.95 -1.87	41.85 -2.31 -13.10	92.01 -6.31 -0.67	92.89 -5.92 -0.21
OSWEGATCHIE___HYD 24044	78.48 -1.25 0.00	81.43 -1.10 0.00	77.20 -1.20 0.00	75.83 -1.12 0.00	68.95 -0.88 0.00	62.87 -0.60 0.00	78.09 -0.14 0.00	89.92 0.06 0.00	88.06 -0.23 0.00	89.78 -0.21 0.00	105.85 -0.63 0.00	116.74 -0.97 0.00	108.09 -1.38 0.00	90.29 -1.55 0.00	38.31 -0.81 0.00	93.71 -1.36 0.00	122.91 -0.64 0.00	443.15 0.19 0.00	132.18 -0.70 0.00	79.92 -0.56 0.00	80.35 -1.25 0.00	31.72 -0.67 -1.34	95.10 -2.55 0.00	95.66 -2.96 -0.01
OSWEGO___5 23606	77.23 -2.51 0.00	79.92 -2.61 0.00	75.89 -2.51 0.00	74.48 -2.46 0.00	67.66 -2.17 0.00	61.61 -1.86 0.00	75.86 -2.36 0.00	86.96 -2.89 0.00	85.56 -2.72 0.00	87.17 -2.82 0.00	103.09 -3.39 0.00	114.06 -3.66 0.00	106.00 -3.46 0.00	89.13 -2.73 0.00	37.95 -1.17 0.00	92.20 -2.87 0.00	119.83 -3.72 0.00	429.98 -12.98 0.00	128.95 -3.93 0.00	78.00 -2.48 0.00	79.14 -2.46 0.00	33.04 -0.96 -2.94	94.47 -3.18 0.00	95.40 -3.22 -0.01

OSWEGO___6 23613	77.23 -2.51 0.00	79.92 -2.61 0.00	75.89 -2.51 0.00	74.48 -2.46 0.00	67.66 -2.17 0.00	61.61 -1.86 0.00	75.86 -2.36 0.00	86.96 0.00	85.56 -2.72 0.00	87.17 -2.82 0.00	103.09 -3.39 0.00	114.06 -3.66 0.00	106.00 -3.46 0.00	89.13 -2.73 0.00	37.95 -1.17 0.00	92.20 -2.87 0.00	119.83 -3.72 0.00	429.98 -12.98 0.00	128.95 -3.93 0.00	78.00 -2.48 0.00	79.14 -2.46 0.00	33.04 -0.96 -2.94	94.47 -3.18 0.00	95.40 -3.22 -0.01
OUTOKUMPU-AB___DRP 24206	73.68 -6.05 0.00	76.37 -6.16 0.00	72.40 -6.00 0.00	70.92 -6.02 0.00	64.69 -5.13 0.00	59.66 -3.81 0.00	72.84 -5.38 0.00	82.23 -7.62 0.00	80.61 -7.67 0.00	82.05 -7.94 0.00	96.64 -10.46 -0.63	107.24 -10.84 -0.37	100.03 -10.17 -0.73	86.41 -7.23 -1.78	39.46 -3.59 -3.93	88.55 -7.75 -1.24	113.99 -10.15 -0.59	410.32 -32.64 0.00	122.52 -10.36 0.00	74.11 -7.07 -0.69	76.09 -7.08 -1.57	38.74 -3.33 -11.00	89.33 -8.88 -0.56	90.87 -7.92 -0.17
OXBOW___BTM 323836	72.80 -6.93 0.00	75.45 -7.08 0.00	71.50 -6.91 0.00	70.04 -6.90 0.00	63.88 -5.95 0.00	58.89 -4.58 0.00	71.96 -6.26 0.00	81.09 -8.77 0.00	79.43 -8.85 0.00	80.82 -9.18 0.00	95.13 -11.97 -0.62	105.55 -12.52 -0.36	98.53 -11.66 -0.73	85.11 -8.51 -1.77	38.94 -4.08 -3.89	87.29 -9.00 -1.22	112.31 -11.82 -0.58	404.44 -38.51 0.00	120.69 -12.18 0.00	73.00 -8.17 -0.69	74.95 -8.21 -1.55	38.22 -3.75 -10.91	87.98 -10.22 -0.55	89.68 -9.11 -0.17
OXBOW____ 24026	72.81 -6.92 0.00	75.45 -7.08 0.00	71.50 -6.91 0.00	70.04 -6.90 0.00	63.89 -5.94 0.00	58.90 -4.57 0.00	71.94 -6.29 0.00	81.07 -8.78 0.00	79.44 -8.85 0.00	80.78 -9.20 0.00	95.15 -11.95 -0.62	105.55 -12.53 -0.36	98.50 -11.69 -0.73	85.08 -8.54 -1.77	38.89 -4.13 -3.89	87.26 -9.03 -1.22	112.31 -11.82 -0.58	404.20 -38.76 0.00	120.70 -12.18 0.00	73.00 -8.17 -0.69	74.96 -8.19 -1.55	38.22 -3.75 -10.91	88.08 -10.12 -0.55	89.69 -9.09 -0.17
OXY_CHEM_DSASP 323612	71.64 -8.09 0.00	74.19 -8.34 0.00	70.32 -8.07 0.00	68.90 -8.05 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.67 -7.56 0.00	79.48 -10.37 0.00	77.79 -10.49 0.00	79.07 -10.91 0.00	93.12 -13.97 -0.61	103.25 -14.83 -0.36	96.38 -13.79 -0.72	83.27 -10.34 -1.75	38.10 -4.88 -3.86	85.51 -10.78 -1.21	109.92 -14.20 -0.58	395.77 -47.19 0.00	118.13 -14.75 0.00	71.47 -9.69 -0.68	73.38 -9.75 -1.54	37.54 -4.33 -10.81	86.37 -11.83 -0.55	88.04 -10.74 -0.17
OZONE_PARK_ESR 323760	85.81 6.08 0.00	88.48 5.95 0.00	83.98 5.58 0.00	82.47 5.52 0.00	74.86 5.04 0.00	67.85 4.38 0.00	84.10 5.88 0.00	97.40 7.54 0.00	96.47 8.18 0.00	98.86 8.87 0.00	133.19 11.67 -15.03	139.50 12.99 -8.80	139.20 12.15 -17.59	145.01 10.25 -42.91	138.03 4.37 -94.54	135.24 10.47 -29.71	150.49 12.82 -14.12	484.90 41.94 0.00	146.21 13.33 0.00	105.60 8.45 -16.67	128.24 8.92 -37.72	125.90 3.47 -91.38	112.44 10.87 -3.91	109.93 10.32 -1.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	71.64 -8.09 0.00	74.19 -8.34 0.00	70.32 -8.07 0.00	68.90 -8.05 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.67 -7.56 0.00	79.48 -10.37 0.00	77.79 -10.49 0.00	79.07 -10.91 0.00	93.12 -13.97 -0.61	103.25 -14.83 -0.36	96.38 -13.79 -0.72	83.27 -10.34 -1.75	38.10 -4.88 -3.86	85.51 -10.78 -1.21	109.92 -14.20 -0.58	395.77 -47.19 0.00	118.13 -14.75 0.00	71.47 -9.69 -0.68	73.38 -9.75 -1.54	37.54 -4.33 -10.81	86.37 -11.83 -0.55	88.04 -10.74 -0.17
PACKARD__115KV_DUPONT_184 80571	71.64 -8.09 0.00	74.19 -8.34 0.00	70.32 -8.07 0.00	68.90 -8.05 0.00	62.82 -7.01 0.00	57.89 -5.58 0.00	70.67 -7.56 0.00	79.48 -10.37 0.00	77.79 -10.49 0.00	79.07 -10.91 0.00	93.12 -13.97 -0.61	103.25 -14.83 -0.36	96.38 -13.79 -0.72	83.27 -10.34 -1.75	38.10 -4.88 -3.86	85.51 -10.78 -1.21	109.92 -14.20 -0.58	395.77 -47.19 0.00	118.13 -14.75 0.00	71.47 -9.69 -0.68	73.38 -9.75 -1.54	37.54 -4.33 -10.81	86.37 -11.83 -0.55	88.04 -10.74 -0.17
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	85.19 5.47 0.00	87.94 5.41 0.00	83.37 4.97 0.00	81.90 4.96 0.00	74.34 4.51 0.00	67.37 3.90 0.00	83.41 5.18 0.00	96.39 6.54 0.00	95.48 7.19 0.00	97.77 7.78 0.00	131.86 10.34 -15.04	138.14 11.63 -8.80	137.79 10.73 -17.60	143.76 8.98 -42.93	137.50 3.82 -94.56	133.90 9.11 -29.72	148.67 11.00 -14.13	478.63 35.67 0.00	144.46 11.58 0.00	104.49 7.33 -16.68	127.08 7.75 -37.74	125.48 3.03 -91.39	111.19 9.62 -3.92	108.76 9.14 -1.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	85.42 5.70 0.00	88.16 5.63 0.00	83.55 5.15 0.00	82.45 5.50 0.00	74.87 5.05 0.00	67.78 4.31 0.00	83.77 5.54 0.00	96.62 6.77 0.00	96.01 7.72 0.00	98.28 8.28 0.00	132.44 10.92 -15.04	138.77 12.25 -8.80	138.44 11.38 -17.60	144.16 9.38 -42.93	137.69 4.01 -94.56	134.37 9.58 -29.72	149.31 11.63 -14.13	481.19 38.23 0.00	145.09 12.21 0.00	104.83 7.67 -16.68	127.39 8.06 -37.74	125.56 3.10 -91.39	111.39 9.83 -3.92	109.03 9.42 -1.00
PATROON__115KV_TB1 80586	83.55 3.82 0.00	86.30 3.78 0.00	82.07 3.67 0.00	80.60 3.66 0.00	73.04 3.21 0.00	65.89 2.43 0.00	81.07 2.84 0.00	93.06 3.20 0.00	91.71 3.42 0.00	93.42 3.43 0.00	109.16 3.65 0.96	121.62 4.46 0.56	112.42 4.08 1.13	92.34 3.25 2.75	34.59 1.54 6.07	96.67 3.50 1.91	126.87 4.23 0.91	456.28 13.32 0.00	137.64 4.76 0.00	81.92 2.51 1.07	82.19 3.02 2.42	119.25 1.30 -86.89	111.81 4.68 -9.48	106.20 4.80 -2.79
PATTRSNVILLE__SOLAR 323815	83.21 3.49 0.00	86.08 3.55 0.00	81.80 3.41 0.00	80.33 3.38 0.00	72.87 3.04 0.00	66.20 2.73 0.00	81.94 3.71 0.00	94.24 4.38 0.00	92.66 4.37 0.00	94.26 4.27 0.00	110.48 4.90 0.90	122.65 5.46 0.53	113.14 4.73 1.06	93.44 4.16 2.58	35.12 1.68 5.67	97.72 4.43 1.78	128.93 6.24 0.85	465.20 22.24 0.00	139.80 6.92 0.00	83.71 4.23 1.00	83.78 4.44 2.27	134.82 1.64 -102.12	116.82 4.94 -14.23	107.53 4.86 -4.05
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	76.18 -3.55 0.00	78.95 -3.58 0.00	74.82 -3.58 0.00	73.32 -3.62 0.00	66.85 -2.97 0.00	61.57 -1.90 0.00	75.25 -2.98 0.00	85.08 -4.77 0.00	83.62 -4.67 0.00	85.12 -4.87 0.00	100.59 -6.58 -0.68	111.47 -6.65 -0.40	104.09 -6.17 -0.80	89.92 -3.89 -1.96	41.28 -2.15 -4.31	92.04 -4.38 -1.36	118.29 -5.90 -0.64	424.80 -18.15 0.00	126.76 -6.11 0.00	76.74 -4.51 -0.76	78.95 -4.36 -1.72	40.89 -2.22 -12.05	92.72 -5.55 -0.61	93.94 -4.86 -0.19
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	85.90 6.17 0.00	88.57 6.04 0.00	84.04 5.64 0.00	82.52 5.58 0.00	74.91 5.08 0.00	67.99 4.52 0.00	84.33 6.10 0.00	97.50 7.65 0.00	96.50 8.21 0.00	98.73 8.74 0.00	132.60 11.18 -14.94	139.14 12.68 -8.74	138.79 11.84 -17.48	144.53 10.01 -42.66	137.35 4.24 -93.99	134.84 10.24 -29.53	150.43 12.84 -14.04	485.98 43.02 0.00	146.45 13.57 0.00	105.56 8.51 -16.57	128.11 9.00 -37.50	126.29 3.43 -91.80	112.28 10.66 -3.97	109.85 10.22 -1.02
PEEKSKILL____ 23653	84.46 4.74 0.00	87.12 4.59 0.00	82.71 4.31 0.00	81.23 4.29 0.00	73.71 3.88 0.00	66.81 3.34 0.00	82.77 4.55 0.00	95.71 5.85 0.00	94.76 6.48 0.00	96.99 7.01 0.00	130.48 9.22 -14.78	136.80 10.44 -8.65	136.44 9.68 -17.29	142.23 8.19 -42.19	135.53 3.46 -92.95	132.52 8.25 -29.21	147.63 10.20 -13.88	476.00 33.05 0.00	143.50 10.63 0.00	103.55 6.68 -16.39	125.91 7.22 -37.09	124.09 2.80 -90.22	110.31 8.79 -3.87	108.02 8.42 -0.99

PGE MADISON___WINDPWR 24146	87.17 7.44 0.00	90.40 7.87 0.00	85.81 7.41 0.00	84.46 7.52 0.00	76.95 7.12 0.00	70.40 6.93 0.00	88.05 9.82 0.00	101.58 11.72 0.00	100.06 11.77 0.00	101.55 11.56 0.00	120.98 13.23 -1.27	132.71 14.25 -0.74	123.75 12.79 -1.49	106.83 11.35 -3.63	51.71 4.60 -7.99	109.14 11.56 -2.51	140.24 15.50 -1.19	500.09 57.13 0.00	148.79 15.91 0.00	90.93 9.04 -1.41	93.83 9.04 -3.19	57.07 3.13 -22.88	108.97 9.79 -1.52	108.44 9.38 -0.45
PIERCEFIELD___HYD 23852	77.51 -2.22 0.00	80.46 -2.07 0.00	76.34 -2.06 0.00	74.96 -1.98 0.00	68.15 -1.67 0.00	62.14 -1.32 0.00	76.68 -1.55 0.00	88.05 -1.80 0.00	85.84 -2.44 0.00	87.72 -2.27 0.00	103.30 -3.18 0.00	113.66 -4.05 0.00	105.81 -3.66 0.00	87.97 -3.88 0.00	37.47 -1.65 0.00	91.87 -3.20 0.00	120.05 -3.50 0.00	433.56 -9.40 0.00	129.27 -3.61 0.00	78.17 -2.31 0.00	78.51 -3.09 0.00	29.79 -1.27 0.00	93.58 -4.07 0.00	94.20 -4.41 0.00
PINELAWN_CC_1 323563	86.35 6.62 0.00	88.97 6.45 0.00	84.27 5.87 0.00	82.64 5.70 0.00	75.22 5.40 0.00	68.14 4.68 0.00	84.89 6.66 0.00	98.14 8.29 0.00	97.74 9.46 0.00	100.26 10.27 0.00	137.82 13.33 -18.01	145.69 14.95 -13.02	148.07 14.02 -24.59	157.95 11.89 -54.21	148.55 5.04 -104.39	144.84 12.10 -37.67	152.32 14.98 -13.79	489.12 44.97 -1.19	205.80 16.01 -56.92	285.82 9.96 -195.37	229.52 10.25 -137.67	253.35 4.03 -218.26	114.65 12.61 -4.38	111.47 11.85 -1.00
PJM_GEN_HTP_PROXY 323702	84.87 5.14 0.00	87.53 5.00 0.00	83.12 4.72 0.00	81.65 4.70 0.00	74.10 4.27 0.00	67.14 3.67 0.00	83.18 4.95 0.00	96.25 6.39 0.00	91.92 7.07 3.44	97.70 7.71 0.00	131.71 10.20 -15.03	137.94 11.43 -8.80	137.72 10.67 -17.58	145.29 9.01 -44.43	137.46 3.82 -94.53	132.01 9.14 -27.79	145.77 11.19 -11.04	433.66 36.06 45.36	147.48 11.50 -3.10	104.45 7.30 -16.66	127.10 7.78 -37.72	125.45 3.02 -91.37	111.08 9.51 -3.91	108.65 9.04 -1.00
PJM_GEN_KEystone 24065	30.56 -0.19 48.98	17.92 -0.36 64.24	26.63 -0.38 51.39	30.95 -0.38 45.62	30.97 -0.23 38.62	34.57 -0.08 28.81	36.96 -0.12 41.14	40.43 -0.36 49.06	48.40 0.24 40.12	44.69 0.44 45.75	41.99 0.86 65.35	46.06 1.24 72.90	67.26 1.07 43.27	131.63 1.59 -38.19	72.43 0.40 -32.91	66.15 1.09 30.01	114.73 1.09 9.90	363.11 2.70 82.55	140.15 0.87 -6.41	65.46 0.31 15.33	72.87 0.81 9.54	57.42 0.20 -26.16	37.31 1.21 61.56	70.81 1.18 28.98
PJM_GEN_NEPTUNE_PROXY 323594	85.34 5.61 0.00	88.03 5.50 0.00	83.40 5.00 0.00	81.86 4.92 0.00	74.49 4.66 0.00	67.41 3.95 0.00	83.82 5.59 0.00	96.85 7.00 0.00	92.87 8.02 3.44	98.76 8.77 0.00	135.98 11.49 -18.01	143.65 12.91 -13.02	146.11 12.05 -24.59	157.79 10.21 -55.73	147.85 4.34 -104.39	140.75 10.35 -35.33	146.44 12.64 -10.25	435.16 37.56 45.35	199.11 13.43 -52.80	253.05 8.50 -164.07	210.61 8.85 -120.17	230.60 3.51 -196.03	112.94 10.99 -4.30	110.00 10.39 -1.00
PJM_GEN_VFT_PROXY 323633	84.45 4.72 0.00	87.09 4.56 0.00	82.70 4.30 0.00	81.26 4.32 0.00	73.75 3.92 0.00	66.81 3.34 0.00	82.77 4.55 0.00	95.76 5.90 0.00	91.39 6.55 3.44	97.22 7.23 0.00	130.82 9.60 -14.74	137.13 10.66 -8.75	136.67 9.86 -17.34	144.64 8.36 -44.43	137.22 3.56 -94.54	131.30 8.54 -27.69	128.31 10.39 5.62	380.42 32.82 95.36	146.51 10.54 -3.10	103.94 6.79 -16.67	126.61 7.29 -37.72	125.29 2.86 -91.38	110.52 8.96 -3.91	108.07 8.46 -1.00
PLATSBURG_115KV_PMLD1 355749	79.94 0.21 0.00	82.77 0.24 0.00	78.44 0.05 0.00	77.03 0.09 0.00	70.04 0.21 0.00	63.64 0.17 0.00	78.47 0.24 0.00	90.02 0.16 0.00	87.93 -0.36 0.00	89.49 -0.50 0.00	105.98 -0.50 0.00	117.01 -0.71 0.00	108.79 -0.67 0.00	90.87 -0.98 0.00	38.71 -0.41 0.00	94.13 -0.94 0.00	122.63 -0.91 0.00	440.45 -2.51 0.00	131.36 -1.52 0.00	79.34 -1.14 0.00	79.85 -1.75 0.00	30.39 -0.67 0.00	95.36 -2.30 0.00	96.03 -2.58 0.00
PLEASANTVLY___LBMP 24000	84.46 4.73 0.00	87.15 4.61 0.00	82.72 4.32 0.00	81.22 4.28 0.00	73.69 3.87 0.00	66.79 3.32 0.00	82.69 4.46 0.00	95.54 5.68 0.00	94.49 6.20 0.00	96.58 6.60 0.00	131.24 8.55 -16.21	136.98 9.77 -9.49	137.55 9.12 -18.96	145.78 7.66 -46.28	144.36 3.29 -101.95	134.94 7.83 -32.04	148.36 9.59 -15.22	473.56 30.60 0.00	142.76 9.88 0.00	104.75 6.30 -17.97	129.10 6.82 -40.68	130.41 2.65 -96.69	110.01 8.24 -4.12	107.65 7.99 -1.04
PLSNTVLE_13_KV_13.8KVDIST 80602	84.86 5.13 0.00	87.56 5.04 0.00	83.11 4.72 0.00	81.60 4.65 0.00	74.06 4.23 0.00	67.13 3.67 0.00	83.18 4.95 0.00	96.16 6.31 0.00	95.20 6.91 0.00	97.43 7.44 0.00	131.39 9.72 -15.20	137.63 11.02 -8.89	137.49 10.24 -17.78	143.90 8.66 -43.39	138.38 3.68 -95.58	133.90 8.79 -30.03	148.65 10.83 -14.27	478.03 35.08 0.00	144.13 11.26 0.00	104.44 7.11 -16.85	127.35 7.61 -38.14	126.13 2.93 -92.14	110.75 9.16 -3.94	108.43 8.81 -1.01
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	84.86 5.13 0.00	87.56 5.04 0.00	83.11 4.72 0.00	81.60 4.65 0.00	74.06 4.23 0.00	67.13 3.67 0.00	83.18 4.95 0.00	96.16 6.31 0.00	95.20 6.91 0.00	97.43 7.44 0.00	131.39 9.72 -15.20	137.63 11.02 -8.89	137.49 10.24 -17.78	143.90 8.66 -43.39	138.38 3.68 -95.58	133.90 8.79 -30.03	148.65 10.83 -14.27	478.03 35.08 0.00	144.13 11.26 0.00	104.44 7.11 -16.85	127.35 7.61 -38.14	126.13 2.93 -92.14	110.75 9.16 -3.94	108.43 8.81 -1.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	85.45 5.72 0.00	88.13 5.60 0.00	83.65 5.25 0.00	82.09 5.15 0.00	74.53 4.70 0.00	67.61 4.15 0.00	83.80 5.57 0.00	96.88 7.02 0.00	95.84 7.55 0.00	97.95 7.96 0.00	131.16 10.18 -14.50	137.78 11.57 -8.49	137.24 10.81 -16.97	142.40 9.14 -41.41	134.23 3.90 -91.22	133.12 9.38 -28.66	148.89 11.72 -13.62	482.12 39.16 0.00	145.25 12.38 0.00	104.36 7.80 -16.08	126.28 8.28 -36.40	126.02 3.15 -91.80	111.49 9.77 -4.08	109.07 9.40 -1.06
POLETTI_____ 23519	84.71 4.98 0.00	87.42 4.89 0.00	83.02 4.62 0.00	81.57 4.62 0.00	74.02 4.20 0.00	67.01 3.54 0.00	82.93 4.70 0.00	95.99 6.13 0.00	95.09 6.80 0.00	97.49 7.50 0.00	131.57 10.06 -15.03	137.72 11.20 -8.80	137.65 10.60 -17.59	143.61 8.84 -42.91	137.47 3.81 -94.54	133.86 9.08 -29.71	148.52 10.85 -14.12	477.44 34.48 0.00	144.03 11.16 0.00	104.31 7.16 -16.67	126.84 7.52 -37.72	125.42 2.98 -91.38	110.95 9.38 -3.91	108.48 8.86 -1.00
POMONA___ESR 323819	84.23 4.50 0.00	86.89 4.36 0.00	82.48 4.09 0.00	81.02 4.07 0.00	73.51 3.69 0.00	66.62 3.15 0.00	82.54 4.32 0.00	95.44 5.58 0.00	94.50 6.21 0.00	96.76 6.77 0.00	129.53 8.93 -14.12	136.08 10.10 -8.26	135.31 9.32 -16.52	140.08 7.92 -40.32	131.25 3.32 -88.81	130.87 7.89 -27.91	146.59 9.78 -13.26	474.91 31.96 0.00	143.13 10.25 0.00	102.54 6.40 -15.66	123.98 6.94 -35.44	121.01 2.71 -87.24	109.91 8.51 -3.75	107.72 8.15 -0.96
PORT_JEFF_3 23555	86.87 7.14 0.00	89.46 6.94 0.00	84.61 6.21 0.00	82.93 5.99 0.00	75.51 5.68 0.00	68.45 4.99 0.00	85.40 7.17 0.00	98.57 8.71 0.00	98.52 10.23 0.00	101.08 11.09 0.00	138.88 14.39 -18.01	146.89 16.15 -13.02	149.26 15.20 -24.59	159.02 12.96 -54.21	149.01 5.49 -104.39	145.96 13.22 -37.67	153.47 16.36 -13.57	490.49 47.02 -0.52	207.23 17.44 -56.92	286.57 10.72 -195.37	229.96 10.68 -137.67	253.69 4.37 -218.26	115.62 13.59 -4.38	112.31 12.70 -1.00

PORT_JEFF_4 23616	86.87 7.14 0.00	89.46 6.94 0.00	84.61 6.21 0.00	82.93 5.99 0.00	75.51 5.68 0.00	68.45 4.99 0.00	85.40 7.17 0.00	98.57 8.71 0.00	98.52 10.23 0.00	101.08 11.09 0.00	138.88 14.39 -18.01	146.89 16.15 -13.02	149.26 15.20 -24.59	159.02 12.96 -54.21	149.01 5.49 -104.39	145.96 13.22 -37.67	153.47 16.36 -13.57	490.49 47.02 -0.52	207.23 17.44 -56.92	286.57 10.72 -195.37	229.96 10.68 -137.67	253.69 4.37 -218.26	115.62 13.59 -4.38	112.31 12.70 -1.00
PORT_JEFF_IC 23713	86.94 7.21 0.00	89.51 6.98 0.00	84.66 6.27 0.00	82.95 6.01 0.00	75.54 5.71 0.00	68.50 5.03 0.00	85.48 7.25 0.00	98.63 8.77 0.00	98.62 10.34 0.00	101.22 11.23 0.00	139.03 14.55 -18.01	147.07 16.33 -13.02	149.42 15.36 -24.59	159.21 13.15 -54.21	149.07 5.56 -104.39	146.12 13.38 -37.67	153.71 16.59 -13.57	491.56 48.06 -0.54	207.45 17.66 -56.92	286.65 10.80 -195.37	229.84 10.57 -137.67	253.72 4.40 -218.26	115.77 13.74 -4.38	112.41 12.80 -1.00
PPL_PILGRIM_ST_GT1 24216	87.04 7.32 0.00	89.72 7.19 0.00	84.90 6.50 0.00	83.27 6.33 0.00	75.83 6.00 0.00	68.67 5.21 0.00	85.64 7.41 0.00	98.93 9.07 0.00	98.61 10.32 0.00	101.17 11.18 0.00	138.99 14.50 -18.01	147.01 16.26 -13.02	149.33 15.27 -24.59	159.07 13.01 -54.21	149.00 5.49 -104.39	145.92 13.18 -37.67	153.55 16.39 -13.61	492.43 48.82 -0.66	207.28 17.48 -56.92	286.70 10.84 -195.37	230.37 11.10 -137.67	253.63 4.31 -218.26	115.69 13.65 -4.38	112.49 12.88 -1.00
PPL_PILGRIM_ST_GT2 24217	87.04 7.32 0.00	89.72 7.19 0.00	84.90 6.50 0.00	83.27 6.33 0.00	75.83 6.00 0.00	68.67 5.21 0.00	85.64 7.41 0.00	98.93 9.07 0.00	98.61 10.32 0.00	101.17 11.18 0.00	138.99 14.50 -18.01	147.01 16.26 -13.02	149.33 15.27 -24.59	159.07 13.01 -54.21	149.00 5.49 -104.39	145.92 13.18 -37.67	153.55 16.39 -13.61	492.43 48.82 -0.66	207.28 17.48 -56.92	286.70 10.84 -195.37	230.37 11.10 -137.67	253.63 4.31 -218.26	115.69 13.65 -4.38	112.49 12.88 -1.00
PPL_SHRM_GT3 24213	87.17 7.44 0.00	89.72 7.19 0.00	84.84 6.44 0.00	83.12 6.18 0.00	75.72 5.90 0.00	68.78 5.31 0.00	85.95 7.73 0.00	98.79 8.94 0.00	99.47 11.19 0.00	102.09 12.10 0.00	140.05 15.56 -18.01	148.18 17.45 -13.02	150.53 16.48 -24.59	160.16 14.10 -54.21	149.49 5.97 -104.39	147.20 14.45 -37.67	155.08 17.97 -13.57	495.41 51.93 -0.53	209.03 19.23 -56.92	287.70 11.85 -195.37	230.97 11.70 -137.67	253.98 4.66 -218.26	116.42 14.39 -4.38	112.68 13.07 -1.00
PPL_SHRM_GT4 24214	87.17 7.44 0.00	89.72 7.19 0.00	84.84 6.44 0.00	83.12 6.18 0.00	75.72 5.90 0.00	68.78 5.31 0.00	85.95 7.73 0.00	98.79 8.94 0.00	99.47 11.19 0.00	102.09 12.10 0.00	140.05 15.56 -18.01	148.18 17.45 -13.02	150.53 16.48 -24.59	160.16 14.10 -54.21	149.49 5.97 -104.39	147.20 14.45 -37.67	155.08 17.97 -13.57	495.41 51.93 -0.53	209.03 19.23 -56.92	287.70 11.85 -195.37	230.97 11.70 -137.67	253.98 4.66 -218.26	116.42 14.39 -4.38	112.68 13.07 -1.00
PROJECT___ORANGE 1 24174	78.21 -1.52 0.00	80.93 -1.60 0.00	76.85 -1.55 0.00	75.42 -1.53 0.00	68.54 -1.29 0.00	62.44 -1.02 0.00	77.43 -0.80 0.00	89.02 -0.84 0.00	87.78 -0.50 0.00	89.46 -0.53 0.00	106.16 -0.68 -0.35	117.17 -0.76 -0.21	109.06 -0.82 -0.42	92.58 -0.29 -1.03	41.16 -0.21 -2.26	95.29 -0.49 -0.71	123.37 -0.51 -0.34	441.31 -1.65 0.00	132.34 -0.54 0.00	80.36 -0.52 -0.40	82.09 -0.41 -0.90	36.56 -0.25 -5.75	96.77 -0.91 -0.02	97.65 -0.98 -0.02
PROJECT___ORANGE 2 24166	78.21 -1.52 0.00	80.93 -1.60 0.00	76.85 -1.55 0.00	75.42 -1.53 0.00	68.54 -1.29 0.00	62.44 -1.02 0.00	77.43 -0.80 0.00	89.02 -0.84 0.00	87.78 -0.50 0.00	89.46 -0.53 0.00	106.16 -0.68 -0.35	117.17 -0.76 -0.21	109.06 -0.82 -0.42	92.58 -0.29 -1.03	41.16 -0.21 -2.26	95.29 -0.49 -0.71	123.37 -0.51 -0.34	441.31 -1.65 0.00	132.34 -0.54 0.00	80.36 -0.52 -0.40	82.09 -0.41 -0.90	36.56 -0.25 -5.75	96.77 -0.91 -0.02	97.65 -0.98 -0.02
PUCKETT___SOLAR 323809	81.19 1.46 0.00	84.09 1.56 0.00	79.86 1.46 0.00	78.47 1.52 0.00	71.39 1.56 0.00	65.05 1.58 0.00	80.64 2.41 0.00	92.76 2.90 0.00	91.48 3.20 0.00	93.05 3.06 0.00	111.46 3.62 -1.36	122.46 3.95 -0.80	114.43 3.37 -1.59	99.11 3.38 -3.88	48.87 1.20 -8.55	100.92 3.17 -2.69	129.03 4.21 -1.28	457.68 14.72 0.00	136.57 3.70 0.00	83.89 1.90 -1.51	87.13 2.12 -3.41	55.76 0.69 -24.00	101.41 2.32 -1.44	101.07 2.03 -0.43
PYRITES___HYD 24023	79.27 -0.46 0.00	82.28 -0.24 0.00	78.11 -0.29 0.00	76.64 -0.30 0.00	69.66 -0.17 0.00	63.62 0.15 0.00	78.56 0.33 0.00	90.23 0.37 0.00	87.87 -0.42 0.00	89.57 -0.42 0.00	105.13 -1.35 0.00	115.64 -2.07 0.00	107.88 -1.59 0.00	89.83 -2.02 0.00	38.23 -0.89 0.00	93.87 -1.20 0.00	122.88 -0.67 0.00	444.28 1.32 0.00	132.43 -0.45 0.00	80.09 -0.39 0.00	80.37 -1.23 0.00	30.47 -0.59 0.00	95.71 -1.94 0.00	96.21 -2.41 0.00
QUAKERRD_115KV_BK1 80622	74.84 -4.89 0.00	77.50 -5.03 0.00	73.53 -4.87 0.00	72.16 -4.78 0.00	65.71 -4.12 0.00	60.24 -3.23 0.00	74.32 -3.90 0.00	84.87 -4.98 0.00	83.39 -4.89 0.00	84.90 -5.10 0.00	100.45 -6.50 -0.47	111.15 -6.84 -0.27	103.59 -6.42 -0.55	88.45 -4.73 -1.33	39.85 -2.20 -2.94	91.03 -4.97 -0.92	117.59 -6.39 -0.44	422.21 -20.75 0.00	126.28 -6.59 0.00	76.50 -4.50 -0.52	78.27 -4.50 -1.17	36.42 -2.01 -7.36	91.76 -5.92 -0.03	92.93 -5.71 -0.03
QUEENSBRY_115KV_TB8 356137	86.25 6.52 0.00	88.87 6.34 0.00	84.48 6.08 0.00	83.01 6.06 0.00	75.53 5.70 0.00	68.82 5.36 0.00	85.60 7.37 0.00	98.36 8.51 0.00	96.91 8.62 0.00	98.58 8.59 0.00	115.75 9.98 0.71	128.97 11.67 0.41	118.89 10.25 0.83	98.24 8.41 2.02	38.19 3.53 4.46	102.75 9.08 1.40	135.23 12.35 0.66	485.24 42.28 0.00	145.83 12.95 0.00	87.73 8.03 0.79	88.66 8.84 1.78	133.53 3.28 -99.19	121.25 9.99 -13.61	112.11 9.63 -3.87
RAMAPO___LBMP 323565	83.99 4.26 0.00	86.62 4.09 0.00	82.25 3.86 0.00	80.78 3.84 0.00	73.31 3.48 0.00	66.43 2.96 0.00	82.30 4.07 0.00	95.08 5.23 0.00	94.15 5.86 0.00	96.37 6.38 0.00	128.99 8.47 -14.04	135.50 9.57 -8.22	134.72 8.83 -16.43	139.46 7.53 -40.09	130.59 3.16 -88.31	130.28 7.46 -27.75	145.98 9.24 -13.19	473.04 30.09 0.00	142.60 9.72 0.00	102.12 6.07 -15.57	123.43 6.60 -35.24	120.51 2.58 -86.87	109.49 8.10 -3.74	107.37 7.80 -0.96
RANKINE____ 23646	75.08 -4.65 0.00	77.82 -4.71 0.00	73.74 -4.65 0.00	72.26 -4.68 0.00	65.89 -3.94 0.00	60.70 -2.76 0.00	74.20 -4.03 0.00	83.83 -6.03 0.00	82.27 -6.01 0.00	83.72 -6.27 0.00	98.82 -8.33 -0.67	109.51 -8.60 -0.39	102.15 -8.09 -0.78	88.24 -5.51 -1.90	40.50 -2.81 -4.19	90.42 -5.97 -1.32	116.29 -7.88 -0.63	417.94 -25.01 0.00	124.80 -8.08 0.00	75.52 -5.70 -0.74	77.63 -5.64 -1.67	40.08 -2.71 -11.72	91.08 -7.17 -0.60	92.42 -6.38 -0.18
RAVENSWOOD_GT2_1 24244	85.00 5.27 0.00	87.69 5.16 0.00	83.24 4.84 0.00	81.74 4.79 0.00	74.22 4.39 0.00	67.24 3.78 0.00	83.31 5.09 0.00	96.37 6.51 0.00	95.47 7.18 0.00	97.82 7.83 0.00	131.88 10.37 -15.03	138.10 11.59 -8.80	137.87 10.82 -17.59	143.88 9.11 -42.92	137.56 3.88 -94.55	134.08 9.30 -29.71	148.99 11.32 -14.12	479.34 36.38 0.00	144.55 11.67 0.00	104.59 7.44 -16.67	127.24 7.92 -37.73	125.53 3.08 -91.39	111.24 9.68 -3.91	108.81 9.20 -1.00

RAVENSWOOD_GT2_2 24245	85.00 5.27 0.00	87.69 5.16 0.00	83.24 4.84 0.00	81.74 4.79 0.00	74.22 4.39 0.00	67.24 3.78 0.00	83.31 5.09 0.00	96.37 6.51 0.00	95.47 7.18 0.00	97.82 7.83 0.00	131.88 10.37 -15.03	138.10 11.59 -8.80	137.87 10.82 -17.59	143.88 9.11 -42.92	137.56 3.88 -94.55	134.08 9.30 -29.71	148.99 11.32 -14.12	479.34 36.38 0.00	144.55 11.67 0.00	104.59 7.44 -16.67	127.24 7.92 -37.73	125.53 3.08 -91.39	111.24 9.68 -3.91	108.81 9.20 -1.00
RAVENSWOOD_GT2_3 24246	85.06 5.34 0.00	87.74 5.21 0.00	83.27 4.87 0.00	81.80 4.86 0.00	74.23 4.41 0.00	67.28 3.81 0.00	83.35 5.12 0.00	96.43 6.58 0.00	95.51 7.22 0.00	97.86 7.86 0.00	131.92 10.40 -15.03	138.17 11.66 -8.80	137.92 10.86 -17.59	143.93 9.16 -42.92	137.58 3.91 -94.55	134.12 9.33 -29.71	149.03 11.36 -14.12	479.63 36.67 0.00	144.60 11.73 0.00	104.62 7.47 -16.67	127.27 7.95 -37.73	125.54 3.09 -91.39	111.29 9.73 -3.91	108.83 9.22 -1.00
RAVENSWOOD_GT2_4 24247	85.06 5.34 0.00	87.74 5.21 0.00	83.27 4.87 0.00	81.80 4.86 0.00	74.23 4.41 0.00	67.28 3.81 0.00	83.35 5.12 0.00	96.43 6.58 0.00	95.51 7.22 0.00	97.86 7.86 0.00	131.92 10.40 -15.03	138.17 11.66 -8.80	137.92 10.86 -17.59	143.93 9.16 -42.92	137.58 3.91 -94.55	134.12 9.33 -29.71	149.03 11.36 -14.12	479.63 36.67 0.00	144.60 11.73 0.00	104.62 7.47 -16.67	127.27 7.95 -37.73	125.54 3.09 -91.39	111.29 9.73 -3.91	108.83 9.22 -1.00
RAVENSWOOD_GT3_1 24248	85.00 5.27 0.00	87.69 5.16 0.00	83.24 4.85 0.00	81.74 4.79 0.00	74.23 4.40 0.00	67.24 3.78 0.00	83.31 5.09 0.00	96.37 6.51 0.00	95.47 7.18 0.00	97.82 7.83 0.00	131.88 10.37 -15.03	138.10 11.59 -8.80	137.88 10.83 -17.59	143.88 9.11 -42.92	137.56 3.88 -94.55	134.08 9.30 -29.71	148.99 11.32 -14.12	479.34 36.38 0.00	144.56 11.68 0.00	104.59 7.44 -16.67	127.24 7.92 -37.73	125.53 3.08 -91.39	111.24 9.68 -3.91	108.81 9.20 -1.00
RAVENSWOOD_GT3_2 24249	85.00 5.27 0.00	87.69 5.16 0.00	83.24 4.85 0.00	81.74 4.79 0.00	74.23 4.40 0.00	67.24 3.78 0.00	83.31 5.09 0.00	96.37 6.51 0.00	95.47 7.18 0.00	97.82 7.83 0.00	131.88 10.37 -15.03	138.10 11.59 -8.80	137.88 10.83 -17.59	143.88 9.11 -42.92	137.56 3.88 -94.55	134.08 9.30 -29.71	148.99 11.32 -14.12	479.34 36.38 0.00	144.56 11.68 0.00	104.59 7.44 -16.67	127.24 7.92 -37.73	125.53 3.08 -91.39	111.24 9.68 -3.91	108.81 9.20 -1.00
RAVENSWOOD_GT3_3 24250	85.14 5.41 0.00	87.82 5.29 0.00	83.34 4.95 0.00	81.88 4.94 0.00	74.30 4.48 0.00	67.35 3.89 0.00	83.43 5.20 0.00	96.53 6.67 0.00	95.62 7.34 0.00	97.98 7.99 0.00	132.06 10.54 -15.03	138.32 11.80 -8.80	138.08 11.03 -17.59	144.06 9.29 -42.92	137.63 3.96 -94.55	134.27 9.48 -29.71	149.20 11.53 -14.12	480.14 37.19 0.00	144.79 11.91 0.00	104.74 7.59 -16.67	127.40 8.07 -37.73	125.58 3.13 -91.39	111.42 9.86 -3.91	108.98 9.36 -1.00
RAVENSWOOD_GT3_4 24251	85.14 5.41 0.00	87.82 5.29 0.00	83.34 4.95 0.00	81.88 4.94 0.00	74.30 4.48 0.00	67.35 3.89 0.00	83.43 5.20 0.00	96.53 6.67 0.00	95.62 7.34 0.00	97.98 7.99 0.00	132.06 10.54 -15.03	138.32 11.80 -8.80	138.08 11.03 -17.59	144.06 9.29 -42.92	137.63 3.96 -94.55	134.27 9.48 -29.71	149.20 11.53 -14.12	480.14 37.19 0.00	144.79 11.91 0.00	104.74 7.59 -16.67	127.40 8.07 -37.73	125.58 3.13 -91.39	111.42 9.86 -3.91	108.98 9.36 -1.00
RAVENSWOOD_GT_1 23729	85.52 5.62 -0.17	88.04 5.51 0.00	83.50 5.10 0.00	82.00 5.05 0.00	74.45 4.62 0.00	69.35 4.01 -1.88	83.94 5.38 -0.33	98.49 6.90 -1.74	126.54 7.59 -30.67	105.16 8.25 -6.93	143.45 10.99 -25.98	141.68 12.26 -11.70	142.60 11.46 -21.67	147.49 9.65 -45.98	140.83 4.12 -97.59	137.87 9.87 -32.93	152.72 11.94 -17.23	483.19 38.70 -1.54	148.68 12.38 -3.43	113.76 7.91 -25.37	145.25 8.40 -55.25	136.64 3.26 -102.33	111.87 10.24 -3.98	109.32 9.71 -1.00
RAVENSWOOD_GT_10 24258	85.01 5.27 -0.02	87.68 5.15 0.00	83.24 4.84 0.00	81.74 4.79 0.00	74.22 4.39 0.00	67.46 3.78 -0.22	83.35 5.09 -0.04	96.56 6.51 -0.20	98.99 7.17 -3.54	98.56 7.82 -0.75	132.61 10.33 -15.80	138.06 11.55 -8.80	137.86 10.81 -17.59	143.84 9.10 -42.89	137.54 3.88 -94.54	134.06 9.28 -29.71	148.94 11.27 -14.12	479.23 36.25 -0.02	144.56 11.65 -0.03	104.59 7.43 -16.68	127.61 7.91 -38.10	126.55 3.07 -92.41	111.25 9.68 -3.92	108.81 9.20 -1.00
RAVENSWOOD_GT_11 24259	85.01 5.27 -0.02	87.68 5.15 0.00	83.24 4.84 0.00	81.74 4.79 0.00	74.22 4.39 0.00	67.46 3.78 -0.22	83.35 5.09 -0.04	96.56 6.51 -0.20	98.99 7.17 -3.54	98.56 7.82 -0.75	132.61 10.33 -15.80	138.06 11.55 -8.80	137.86 10.81 -17.59	143.84 9.10 -42.89	137.54 3.88 -94.54	134.06 9.28 -29.71	148.94 11.27 -14.12	479.23 36.25 -0.02	144.56 11.65 -0.03	104.59 7.43 -16.68	127.61 7.91 -38.10	126.55 3.07 -92.41	111.25 9.68 -3.92	108.81 9.20 -1.00
RAVENSWOOD_GT_4 24252	85.09 5.24 -0.13	87.65 5.12 0.00	83.20 4.80 0.00	81.73 4.78 0.00	74.18 4.36 0.00	68.65 3.75 -1.43	83.53 5.05 -0.25	97.66 6.48 -1.32	118.75 7.12 -23.35	102.71 7.76 -4.96	136.87 10.29 -20.10	138.04 11.49 -8.84	137.78 10.73 -17.58	143.62 9.03 -42.73	137.43 3.86 -94.45	133.98 9.21 -29.71	148.88 11.22 -14.12	479.12 36.04 -0.12	144.65 11.56 -0.21	104.58 7.37 -16.73	129.63 7.84 -40.19	132.26 3.05 -98.15	111.20 9.59 -3.96	108.71 9.10 -1.00
RAVENSWOOD_GT_5 24254	85.09 5.24 -0.13	87.65 5.12 0.00	83.20 4.80 0.00	81.73 4.78 0.00	74.18 4.36 0.00	68.65 3.75 -1.43	83.53 5.05 -0.25	97.66 6.48 -1.32	118.75 7.12 -23.35	102.71 7.76 -4.96	136.87 10.29 -20.10	138.04 11.49 -8.84	137.78 10.73 -17.58	143.62 9.03 -42.73	137.43 3.86 -94.45	133.98 9.21 -29.71	148.88 11.22 -14.12	479.12 36.04 -0.12	144.65 11.56 -0.21	104.58 7.37 -16.73	129.63 7.84 -40.19	132.26 3.05 -98.15	111.20 9.59 -3.96	108.71 9.10 -1.00
RAVENSWOOD_GT_6 24253	85.09 5.24 -0.13	87.65 5.12 0.00	83.20 4.80 0.00	81.73 4.78 0.00	74.18 4.36 0.00	68.65 3.75 -1.43	83.53 5.05 -0.25	97.66 6.48 -1.32	118.75 7.12 -23.35	102.71 7.76 -4.96	136.87 10.29 -20.10	138.04 11.49 -8.84	137.78 10.73 -17.58	143.62 9.03 -42.73	137.43 3.86 -94.45	133.98 9.21 -29.71	148.88 11.22 -14.12	479.12 36.04 -0.12	144.65 11.56 -0.21	104.58 7.37 -16.73	129.63 7.84 -40.19	132.26 3.05 -98.15	111.20 9.59 -3.96	108.71 9.10 -1.00
RAVENSWOOD_GT_7 24255	85.09 5.24 -0.13	87.65 5.12 0.00	83.20 4.80 0.00	81.73 4.78 0.00	74.18 4.36 0.00	68.65 3.75 -1.43	83.53 5.05 -0.25	97.66 6.48 -1.32	118.75 7.12 -23.35	102.71 7.76 -4.96	136.87 10.29 -20.10	138.04 11.49 -8.84	137.78 10.73 -17.58	143.62 9.03 -42.73	137.43 3.86 -94.45	133.98 9.21 -29.71	148.88 11.22 -14.12	479.12 36.04 -0.12	144.65 11.56 -0.21	104.58 7.37 -16.73	129.63 7.84 -40.19	132.26 3.05 -98.15	111.20 9.59 -3.96	108.71 9.10 -1.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	85.01 5.27 -0.02	87.68 5.15 0.00	83.24 4.84 0.00	81.74 4.79 0.00	74.22 4.39 0.00	67.46 3.78 -0.22	83.35 5.09 -0.04	96.56 6.51 -0.20	98.99 7.17 -3.54	98.56 7.82 -0.75	132.61 10.33 -15.80	138.06 11.55 -8.80	137.86 10.81 -17.59	143.84 9.10 -42.89	137.54 3.88 -94.54	134.06 9.28 -29.71	148.94 11.27 -14.12	479.23 36.25 -0.02	144.56 11.65 -0.03	104.59 7.43 -16.68	127.61 7.91 -38.10	126.55 3.07 -92.41	111.25 9.68 -3.92	108.81 9.20 -1.00

RAVENSWOOD_GT_9 24257	85.01 5.27 -0.02	87.68 5.15 0.00	83.24 4.84 0.00	81.74 4.79 0.00	74.22 4.39 0.00	67.46 3.78 -0.22	83.35 5.09 -0.04	96.56 6.51 -0.20	98.99 7.17 -3.54	98.56 7.82 -0.75	132.61 10.33 -15.80	138.06 11.55 -8.80	137.86 10.81 -17.59	143.84 9.10 -42.89	137.54 3.88 -94.54	134.06 9.28 -29.71	148.94 11.27 -14.12	479.23 36.25 -0.02	144.56 11.65 -0.03	104.59 7.43 -16.68	127.61 7.91 -38.10	126.55 3.07 -92.41	111.25 9.68 -3.92	108.81 9.20 -1.00
RAVENSWOOD___1 23533	85.08 5.52 0.17	87.94 5.41 0.00	83.41 5.01 0.00	81.90 4.95 0.00	74.34 4.51 0.00	65.56 3.94 1.85	83.20 5.30 0.32	94.92 6.78 1.71	65.56 7.47 30.20	91.69 8.11 6.41	125.76 10.80 -8.48	138.52 12.05 -8.75	138.34 11.28 -17.60	144.48 9.47 -43.16	137.83 4.03 -94.68	134.45 9.66 -29.72	149.40 11.73 -14.13	480.66 37.87 0.16	144.74 12.14 0.27	104.85 7.77 -16.59	124.40 8.25 -34.55	116.90 3.21 -82.63	111.60 10.10 -3.85	109.18 9.57 -1.00
RAVENSWOOD___2 23534	85.08 5.52 0.17	87.94 5.41 0.00	83.41 5.01 0.00	81.90 4.95 0.00	74.34 4.51 0.00	65.56 3.94 1.85	83.20 5.30 0.32	94.92 6.78 1.71	65.56 7.47 30.20	91.69 8.11 6.41	125.76 10.80 -8.48	138.52 12.05 -8.75	138.34 11.28 -17.60	144.48 9.47 -43.16	137.83 4.03 -94.68	134.45 9.66 -29.72	149.40 11.73 -14.13	480.66 37.87 0.16	144.74 12.14 0.27	104.85 7.77 -16.59	124.40 8.25 -34.55	116.90 3.21 -82.63	111.60 10.10 -3.85	109.18 9.57 -1.00
RAVENSWOOD___3 23535	85.00 5.27 0.00	87.69 5.16 0.00	83.25 4.85 0.00	81.74 4.80 0.00	74.24 4.41 0.00	67.25 3.78 0.00	83.31 5.09 0.00	96.37 6.52 0.00	95.47 7.18 0.00	97.82 7.83 0.00	131.89 10.38 -15.03	138.10 11.59 -8.80	137.89 10.84 -17.59	143.89 9.12 -42.92	137.55 3.87 -94.55	134.07 9.28 -29.71	149.00 11.33 -14.12	479.37 36.41 0.00	144.56 11.68 0.00	104.60 7.45 -16.67	127.25 7.92 -37.73	125.53 3.08 -91.39	111.26 9.69 -3.91	108.82 9.20 -1.00
RAVENSWOOD___4 23820	85.08 5.52 0.17	87.94 5.41 0.00	83.41 5.01 0.00	81.90 4.95 0.00	74.34 4.51 0.00	65.56 3.94 1.85	83.20 5.30 0.32	94.92 6.78 1.71	65.56 7.47 30.20	91.69 8.11 6.41	125.76 10.80 -8.48	138.52 12.05 -8.75	138.34 11.28 -17.60	144.48 9.47 -43.16	137.83 4.03 -94.68	134.45 9.66 -29.72	149.40 11.73 -14.13	480.66 37.87 0.16	144.74 12.14 0.27	104.85 7.77 -16.59	124.40 8.25 -34.55	116.90 3.21 -82.63	111.60 10.10 -3.85	109.18 9.57 -1.00
RCPI_TRUST___DRP 24196	84.92 5.19 0.00	87.59 5.06 0.00	83.18 4.78 0.00	81.67 4.73 0.00	74.16 4.33 0.00	67.18 3.71 0.00	83.24 5.01 0.00	96.34 6.49 0.00	95.44 7.16 0.00	97.81 7.82 0.00	131.84 10.33 -15.03	138.10 11.59 -8.80	137.86 10.81 -17.58	143.88 9.13 -42.91	137.53 3.89 -94.53	134.07 9.30 -29.70	148.99 11.33 -14.12	479.50 36.55 0.00	144.53 11.65 0.00	104.54 7.39 -16.66	127.17 7.85 -37.72	125.48 3.05 -91.37	111.14 9.58 -3.91	108.71 9.10 -1.00
RED___ROCHESTER 323720	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.31 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.60 -3.26 0.00	85.13 -3.16 0.00	86.68 -3.31 0.00	102.43 -4.53 -0.48	113.40 -4.60 -0.28	105.70 -4.33 -0.57	90.40 -2.83 -1.38	40.74 -1.41 -3.04	93.01 -3.02 -0.95	120.10 -3.90 -0.45	431.93 -11.02 0.00	129.02 -3.86 0.00	78.13 -2.89 -0.54	79.98 -2.83 -1.21	37.22 -1.44 -7.60	93.59 -4.09 -0.03	94.91 -3.73 -0.03
REGAN___SOLAR 323812	85.15 5.42 0.00	88.03 5.51 0.00	83.66 5.26 0.00	82.17 5.22 0.00	74.59 4.76 0.00	67.96 4.49 0.00	84.47 6.24 0.00	97.30 7.44 0.00	95.34 7.06 0.00	96.68 6.70 0.00	113.00 7.21 0.70	124.55 7.24 0.41	114.78 6.13 0.82	95.53 5.68 2.00	36.77 2.04 4.40	99.91 6.22 1.38	133.00 10.11 0.66	481.93 38.97 0.00	144.87 12.00 0.00	86.83 7.12 0.77	86.95 7.10 1.75	136.86 2.52 -103.28	118.50 7.48 -13.38	109.69 7.24 -3.83
RENSSELAER___COGEN 23796	83.19 3.46 0.00	85.96 3.43 0.00	81.74 3.34 0.00	80.28 3.34 0.00	72.75 2.92 0.00	65.61 2.15 0.00	80.56 2.33 0.00	92.36 2.50 0.00	90.98 2.69 0.00	92.64 2.65 0.00	108.06 2.73 1.15	120.40 3.36 0.67	111.16 3.03 1.34	90.94 2.36 3.27	33.08 1.18 7.21	95.35 2.55 2.27	125.54 3.08 1.08	451.69 8.73 0.00	136.46 3.58 0.00	80.95 1.74 1.27	80.91 2.19 2.88	113.26 1.01 -81.20	109.20 3.93 -7.62	105.10 4.19 -2.30
REPUBLIC_115KV_BARTNBRK 55605	89.49 9.76 0.00	91.68 9.15 0.00	87.38 8.98 0.00	85.95 9.01 0.00	78.60 8.77 0.00	71.93 8.46 0.00	90.33 12.10 0.00	103.36 13.51 0.00	102.04 13.75 0.00	103.57 13.58 0.00	121.53 15.74 0.69	135.73 18.42 0.40	124.44 15.78 0.81	102.64 12.76 1.97	40.06 5.29 4.35	107.04 13.34 1.37	141.73 18.83 0.65	507.57 64.61 0.00	152.78 19.91 0.00	92.33 12.62 0.77	93.88 14.02 1.74	135.23 5.13 -99.04	126.90 15.70 -13.55	116.75 14.28 -3.86
REVERE_CPFR_DRP 24186	82.80 3.08 0.00	85.83 3.30 0.00	81.47 3.07 0.00	80.00 3.06 0.00	72.74 2.91 0.00	66.34 2.87 0.00	82.43 4.20 0.00	94.99 5.14 0.00	93.70 5.41 0.00	95.45 5.46 0.00	112.97 6.49 0.00	124.73 7.02 0.00	115.82 6.35 0.00	97.42 5.57 0.00	41.29 2.17 0.00	100.57 5.50 0.00	131.23 7.69 0.00	470.60 27.65 0.00	140.87 8.00 0.00	85.15 4.67 0.00	86.28 4.68 0.00	35.30 1.60 -2.64	102.29 4.64 0.00	102.97 4.34 -0.01
REYNOLDS_115KV_TB3 80639	83.37 3.64 0.00	86.07 3.54 0.00	81.90 3.50 0.00	80.44 3.49 0.00	72.92 3.09 0.00	65.93 2.46 0.00	81.39 3.16 0.00	93.36 3.50 0.00	91.97 3.69 0.00	93.54 3.55 0.00	110.02 4.09 0.55	122.63 5.24 0.32	113.58 4.76 0.64	94.05 3.77 1.57	37.40 1.74 3.46	97.96 3.97 1.08	127.64 4.62 0.52	456.55 13.59 0.00	137.66 4.78 0.00	82.78 2.91 0.61	83.88 3.66 1.38	119.29 1.47 -86.75	111.62 4.73 -9.24	106.25 4.92 -2.72
RIVERBAY____ 323610	85.42 5.70 0.00	88.16 5.63 0.00	83.55 5.15 0.00	82.45 5.50 0.00	74.87 5.05 0.00	67.78 4.31 0.00	83.77 5.54 0.00	96.62 6.77 0.00	96.01 7.72 0.00	98.28 8.28 0.00	132.44 10.92 -15.04	138.77 12.25 -8.80	138.44 11.38 -17.60	144.16 9.38 -42.93	137.69 4.01 -94.56	134.37 9.58 -29.72	149.31 11.63 -14.13	481.19 38.23 0.00	145.09 12.21 0.00	104.83 7.67 -16.68	127.39 8.06 -37.74	125.56 3.10 -91.39	111.39 9.83 -3.92	109.03 9.42 -1.00
RIVERSDE_115KV_TB3 55908	83.38 3.66 0.00	86.11 3.58 0.00	81.91 3.51 0.00	80.44 3.50 0.00	72.90 3.07 0.00	65.80 2.33 0.00	80.98 2.75 0.00	92.91 3.05 0.00	91.53 3.24 0.00	93.19 3.20 0.00	108.94 3.43 0.97	121.41 4.26 0.57	112.19 3.87 1.14	92.12 3.04 2.77	34.47 1.46 6.11	96.42 3.27 1.92	126.51 3.87 0.91	454.57 11.61 0.00	137.18 4.31 0.00	81.71 2.30 1.08	82.02 2.86 2.44	116.59 1.23 -84.29	110.66 4.42 -8.60	105.76 4.59 -2.55
ROARING___BROOK_WT_PWR 323790	79.64 -0.09 0.00	82.45 -0.08 0.00	78.32 -0.08 0.00	76.86 -0.08 0.00	69.74 -0.09 0.00	63.40 -0.07 0.00	78.15 -0.08 0.00	89.68 -0.18 0.00	88.00 -0.29 0.00	89.71 -0.28 0.00	106.07 -0.41 0.00	117.21 -0.51 0.00	108.96 -0.50 0.00	91.33 -0.52 0.00	38.82 -0.30 0.00	94.20 -0.87 0.00	122.76 -0.78 0.00	440.59 -2.37 0.00	131.85 -1.03 0.00	79.80 -0.68 0.00	80.82 -0.77 0.00	30.77 -0.30 0.00	96.63 -1.02 0.00	97.56 -1.05 0.00

ROCHESRG_115KV_T4 355643	75.55 -4.18 0.00	78.23 -4.30 0.00	74.20 -4.20 0.00	72.80 -4.14 0.00	66.31 -3.52 0.00	60.83 -2.64 0.00	74.90 -3.33 0.00	85.34 -4.51 0.00	83.85 -4.44 0.00	85.35 -4.64 0.00	100.91 -6.05 -0.48	111.68 -6.32 -0.28	104.08 -5.94 -0.56	89.00 -4.22 -1.37	40.10 -2.03 -3.01	91.55 -4.47 -0.95	118.23 -5.77 -0.45	424.84 -18.12 0.00	127.01 -5.87 0.00	76.92 -4.09 -0.53	78.73 -4.07 -1.20	36.71 -1.89 -7.53	92.32 -5.36 -0.03	93.66 -4.98 -0.03
ROCHESTER_9_IC 23652	75.99 -3.74 0.00	78.68 -3.85 0.00	74.65 -3.75 0.00	73.24 -3.70 0.00	66.73 -3.10 0.00	61.23 -2.24 0.00	75.44 -2.79 0.00	86.00 -3.85 0.00	84.55 -3.74 0.00	86.05 -3.94 0.00	101.74 -5.23 -0.48	112.61 -5.39 -0.28	104.92 -5.11 -0.57	89.75 -3.48 -1.38	40.43 -1.72 -3.03	92.33 -3.69 -0.95	119.23 -4.77 -0.45	428.53 -14.43 0.00	128.08 -4.80 0.00	77.57 -3.45 -0.54	79.39 -3.42 -1.21	37.00 -1.66 -7.60	93.02 -4.66 -0.03	94.32 -4.32 -0.03
ROCKVIEW_13_KV_LD 356306	85.12 5.39 0.00	87.78 5.25 0.00	83.34 4.95 0.00	81.81 4.87 0.00	74.26 4.44 0.00	67.32 3.86 0.00	83.43 5.20 0.00	96.52 6.67 0.00	95.60 7.31 0.00	97.91 7.92 0.00	131.90 10.37 -15.05	138.25 11.71 -8.83	138.01 10.91 -17.64	144.01 9.23 -42.92	137.58 3.92 -94.54	134.18 9.40 -29.71	149.28 11.61 -14.12	480.77 37.81 0.00	144.94 12.06 0.00	104.76 7.61 -16.67	127.46 8.14 -37.72	125.58 3.14 -91.38	111.37 9.81 -3.91	109.00 9.39 -1.00
ROME____115KV_TB2 80656	82.80 3.08 0.00	85.83 3.30 0.00	81.47 3.07 0.00	80.00 3.06 0.00	72.74 2.91 0.00	66.34 2.87 0.00	82.43 4.20 0.00	94.99 5.14 0.00	93.70 5.41 0.00	95.45 5.46 0.00	112.97 6.49 0.00	124.73 7.02 0.00	115.82 6.35 0.00	97.42 5.57 0.00	41.29 2.17 0.00	100.57 5.50 0.00	131.23 7.69 0.00	470.60 27.65 0.00	140.87 8.00 0.00	85.15 4.67 0.00	86.28 4.68 0.00	35.30 1.60 -2.64	102.29 4.64 0.00	102.97 4.34 -0.01
ROSETON___1 23587	84.25 4.52 0.00	86.93 4.40 0.00	82.51 4.11 0.00	81.02 4.07 0.00	73.53 3.70 0.00	66.64 3.18 0.00	82.52 4.30 0.00	95.35 5.49 0.00	94.32 6.03 0.00	96.46 6.47 0.00	129.67 8.43 -14.76	135.97 9.62 -8.64	135.68 8.95 -17.27	141.55 7.56 -42.14	135.17 3.21 -92.84	131.91 7.67 -29.17	146.84 9.43 -13.86	473.30 30.34 0.00	142.63 9.75 0.00	103.02 6.17 -16.37	125.33 6.69 -37.05	123.80 2.59 -90.15	109.62 8.11 -3.86	107.41 7.80 -0.99
ROSETON___2 23588	84.25 4.52 0.00	86.93 4.40 0.00	82.51 4.11 0.00	81.02 4.07 0.00	73.53 3.70 0.00	66.64 3.18 0.00	82.52 4.30 0.00	95.35 5.49 0.00	94.32 6.03 0.00	96.46 6.47 0.00	129.67 8.43 -14.76	135.97 9.62 -8.64	135.68 8.95 -17.27	141.55 7.56 -42.14	135.17 3.21 -92.84	131.91 7.67 -29.17	146.84 9.43 -13.86	473.30 30.34 0.00	142.63 9.75 0.00	103.02 6.17 -16.37	125.33 6.69 -37.05	123.80 2.59 -90.15	109.62 8.11 -3.86	107.41 7.80 -0.99
ROTRDAM_115KV_TB3 80664	82.78 3.05 0.00	85.61 3.08 0.00	81.35 2.96 0.00	79.87 2.92 0.00	72.44 2.61 0.00	65.74 2.27 0.00	81.25 3.02 0.00	93.42 3.56 0.00	91.98 3.69 0.00	93.65 3.67 0.00	109.87 4.37 0.98	122.20 5.05 0.57	112.88 4.56 1.15	92.88 3.83 2.80	34.59 1.64 6.17	97.22 4.08 1.94	127.89 5.26 0.92	460.54 17.58 0.00	138.45 5.58 0.00	82.87 3.48 1.09	82.95 3.82 2.46	134.19 1.44 -101.68	116.62 4.41 -14.56	107.12 4.37 -4.13
RUSSELL___1 23602	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.32 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.59 -3.27 0.00	85.12 -3.17 0.00	86.67 -3.32 0.00	102.46 -4.50 -0.48	113.40 -4.60 -0.28	105.68 -4.35 -0.57	90.38 -2.85 -1.38	40.71 -1.45 -3.04	93.00 -3.03 -0.95	120.10 -3.90 -0.45	431.78 -11.18 0.00	129.01 -3.87 0.00	78.13 -2.89 -0.54	79.98 -2.84 -1.21	37.20 -1.45 -7.60	93.64 -4.03 -0.03	94.92 -3.73 -0.03
RUSSELL___2 23532	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.32 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.59 -3.27 0.00	85.12 -3.17 0.00	86.67 -3.32 0.00	102.46 -4.50 -0.48	113.40 -4.60 -0.28	105.68 -4.35 -0.57	90.38 -2.85 -1.38	40.71 -1.45 -3.04	93.00 -3.03 -0.95	120.10 -3.90 -0.45	431.78 -11.18 0.00	129.01 -3.87 0.00	78.13 -2.89 -0.54	79.98 -2.84 -1.21	37.20 -1.45 -7.60	93.64 -4.03 -0.03	94.92 -3.73 -0.03
RUSSELL___3 23549	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.32 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.59 -3.27 0.00	85.12 -3.17 0.00	86.67 -3.32 0.00	102.46 -4.50 -0.48	113.40 -4.60 -0.28	105.68 -4.35 -0.57	90.38 -2.85 -1.38	40.71 -1.45 -3.04	93.00 -3.03 -0.95	120.10 -3.90 -0.45	431.78 -11.18 0.00	129.01 -3.87 0.00	78.13 -2.89 -0.54	79.98 -2.84 -1.21	37.20 -1.45 -7.60	93.64 -4.03 -0.03	94.92 -3.73 -0.03
RUSSELL___4 23556	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.32 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.59 -3.27 0.00	85.12 -3.17 0.00	86.67 -3.32 0.00	102.46 -4.50 -0.48	113.40 -4.60 -0.28	105.68 -4.35 -0.57	90.38 -2.85 -1.38	40.71 -1.45 -3.04	93.00 -3.03 -0.95	120.10 -3.90 -0.45	431.78 -11.18 0.00	129.01 -3.87 0.00	78.13 -2.89 -0.54	79.98 -2.84 -1.21	37.20 -1.45 -7.60	93.64 -4.03 -0.03	94.92 -3.73 -0.03
RUSSELL___STATION 23914	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.32 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.59 -3.27 0.00	85.12 -3.17 0.00	86.67 -3.32 0.00	102.46 -4.50 -0.48	113.40 -4.60 -0.28	105.68 -4.35 -0.57	90.38 -2.85 -1.38	40.71 -1.45 -3.04	93.00 -3.03 -0.95	120.10 -3.90 -0.45	431.78 -11.18 0.00	129.01 -3.87 0.00	78.13 -2.89 -0.54	79.98 -2.84 -1.21	37.20 -1.45 -7.60	93.64 -4.03 -0.03	94.92 -3.73 -0.03
S SALMON___HYD 24043	78.58 -1.15 0.00	81.37 -1.16 0.00	77.18 -1.22 0.00	75.78 -1.16 0.00	68.87 -0.96 0.00	62.71 -0.76 0.00	77.81 -0.42 0.00	89.54 -0.31 0.00	88.16 -0.13 0.00	89.88 -0.11 0.00	106.24 -0.24 0.00	117.44 -0.27 0.00	108.60 -0.86 0.00	91.38 -0.47 0.00	38.81 -0.31 0.00	94.32 -0.75 0.00	123.23 -0.32 0.00	443.10 0.14 0.00	132.70 -0.18 0.00	80.25 -0.23 0.00	81.25 -0.35 0.00	34.39 -0.27 -3.59	96.31 -1.34 0.00	97.05 -1.58 -0.02
S.PERRY__115KV_TB1 80734	79.54 -0.19 0.00	82.05 -0.48 0.00	77.89 -0.51 0.00	76.46 -0.49 0.00	69.76 -0.07 0.00	63.38 -0.08 0.00	77.38 -0.85 0.00	87.69 -2.17 0.00	86.83 -1.45 0.00	88.28 -1.71 0.00	104.57 -2.61 -0.70	115.30 -2.83 -0.41	105.51 -4.78 -0.82	91.49 -2.36 -2.00	42.91 -0.61 -4.41	93.86 -2.60 -1.39	121.39 -2.81 -0.66	432.99 -9.96 0.00	129.57 -3.31 0.00	79.18 -2.08 -0.78	81.25 -2.11 -1.76	43.32 -0.05 -12.31	98.04 -0.24 -0.63	98.36 -0.44 -0.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	73.79 -5.94 0.00	76.48 -6.05 0.00	72.46 -5.94 0.00	71.00 -5.95 0.00	64.74 -5.09 0.00	59.64 -3.83 0.00	72.86 -5.37 0.00	82.18 -7.67 0.00	80.61 -7.67 0.00	81.96 -8.03 0.00	96.67 -10.45 -0.64	107.15 -10.94 -0.37	100.00 -10.21 -0.75	86.34 -7.33 -1.82	39.56 -3.57 -4.01	88.54 -7.79 -1.26	113.93 -10.21 -0.60	409.80 -33.16 0.00	122.37 -10.50 0.00	74.02 -7.17 -0.71	76.05 -7.14 -1.60	38.98 -3.30 -11.22	89.30 -8.92 -0.57	90.77 -8.01 -0.18

SAWYER___23_KV_LOAD 55526	73.79 -5.94 0.00	76.48 -6.05 0.00	72.46 -5.94 0.00	71.00 -5.95 0.00	64.74 -5.09 0.00	59.64 -3.83 0.00	72.86 -5.37 0.00	82.18 -7.67 0.00	80.61 -7.67 0.00	81.96 -8.03 0.00	96.67 -10.45 -0.64	107.15 -10.94 -0.37	100.00 -10.21 -0.75	86.34 -7.33 -1.82	39.56 -3.57 -4.01	88.54 -7.79 -1.26	113.93 -10.21 -0.60	409.80 -33.16 0.00	122.37 -10.50 0.00	74.02 -7.17 -0.71	76.05 -7.14 -1.60	38.98 -3.30 -11.22	89.30 -8.92 -0.57	90.77 -8.01 -0.18
SELKIRK___I 23801	83.31 3.59 0.00	86.11 3.59 0.00	81.90 3.51 0.00	80.44 3.50 0.00	72.90 3.08 0.00	65.87 2.41 0.00	81.10 2.87 0.00	93.02 3.17 0.00	91.51 3.22 0.00	93.11 3.12 0.00	109.13 3.35 0.70	121.22 3.92 0.41	112.14 3.49 0.82	92.67 2.81 1.99	36.02 1.29 4.39	96.80 3.11 1.38	126.77 3.88 0.66	454.88 11.92 0.00	137.06 4.18 0.00	82.05 2.34 0.77	82.60 2.75 1.75	109.66 1.16 -77.44	107.90 4.06 -6.19	104.77 4.24 -1.91
SELKIRK___II 23799	82.97 3.25 0.00	85.77 3.24 0.00	81.53 3.13 0.00	80.06 3.12 0.00	72.58 2.75 0.00	65.55 2.08 0.00	80.69 2.46 0.00	92.64 2.79 0.00	91.21 2.92 0.00	92.91 2.92 0.00	108.35 3.24 1.37	120.82 3.91 0.80	111.40 3.54 1.60	90.77 2.83 3.91	31.83 1.32 8.61	95.38 3.02 2.71	125.90 3.65 1.29	453.91 10.95 0.00	136.88 4.01 0.00	81.19 2.22 1.52	80.80 2.64 3.44	109.67 1.13 -77.48	108.03 3.93 -6.45	104.72 4.12 -1.99
SENECA OSWGO___HYD 24041	77.21 -2.52 0.00	79.90 -2.63 0.00	75.88 -2.52 0.00	74.45 -2.49 0.00	67.66 -2.17 0.00	61.63 -1.84 0.00	76.13 -2.10 0.00	87.44 -2.41 0.00	86.18 -2.11 0.00	87.81 -2.17 0.00	103.87 -2.61 0.00	114.81 -2.91 0.00	106.59 -2.88 0.00	89.73 -2.12 0.00	38.19 -0.93 0.00	92.81 -2.26 0.00	120.68 -2.87 0.00	433.14 -9.81 0.00	129.91 -2.96 0.00	78.55 -1.93 0.00	79.71 -1.89 0.00	34.24 -0.77 -3.95	95.01 -2.64 0.00	95.88 -2.74 -0.02
SENECA___115KV_TB3 355854	75.23 -4.50 0.00	77.97 -4.55 0.00	73.86 -4.54 0.00	72.38 -4.56 0.00	66.02 -3.81 0.00	60.82 -2.65 0.00	74.36 -3.87 0.00	84.00 -5.85 0.00	82.46 -5.82 0.00	83.93 -6.06 0.00	99.04 -8.11 -0.67	109.76 -8.34 -0.39	102.40 -7.85 -0.78	88.45 -5.31 -1.90	40.59 -2.72 -4.19	90.63 -5.75 -1.32	116.57 -7.61 -0.63	418.91 -24.05 0.00	125.08 -7.80 0.00	75.68 -5.54 -0.74	77.79 -5.47 -1.67	40.14 -2.64 -11.72	91.27 -6.97 -0.60	92.62 -6.18 -0.18
SENECA___ENERGY 23797	77.97 -1.76 0.00	80.62 -1.91 0.00	76.60 -1.80 0.00	75.24 -1.71 0.00	68.51 -1.32 0.00	62.63 -0.83 0.00	78.25 0.02 0.00	89.90 0.04 0.00	88.61 0.33 0.00	90.05 0.06 0.00	106.70 -0.30 -0.52	117.96 -0.06 -0.30	109.80 -0.27 -0.61	93.89 0.56 -1.48	42.52 0.14 -3.26	96.66 0.57 -1.02	124.74 0.71 -0.49	446.47 3.51 0.00	133.69 0.81 0.00	81.09 0.04 -0.57	83.07 0.17 -1.30	40.11 -0.14 -9.19	97.68 -0.44 -0.46	98.07 -0.69 -0.14
SHOEMAKER___GT 23640	83.66 3.93 0.00	86.35 3.82 0.00	81.99 3.59 0.00	80.50 3.55 0.00	73.06 3.23 0.00	66.24 2.77 0.00	82.02 3.79 0.00	94.71 4.86 0.00	93.58 5.29 0.00	95.64 5.65 0.00	126.73 7.39 -12.86	133.69 8.45 -7.53	132.40 7.90 -15.04	135.27 6.71 -36.71	122.81 2.82 -80.87	127.24 6.76 -25.41	144.01 8.39 -12.08	470.15 27.19 0.00	141.49 8.62 0.00	100.13 5.39 -14.26	119.73 5.87 -32.27	114.82 2.28 -81.48	108.32 7.14 -3.53	106.38 6.85 -0.92
SHOEMAKR_138KV_BK 111 55601	83.61 3.88 0.00	86.32 3.79 0.00	81.94 3.54 0.00	80.47 3.52 0.00	73.02 3.19 0.00	66.21 2.74 0.00	81.96 3.73 0.00	94.64 4.79 0.00	93.53 5.25 0.00	95.62 5.63 0.00	126.55 7.35 -12.71	133.58 8.42 -7.44	132.15 7.82 -14.87	134.78 6.63 -36.29	121.88 2.81 -79.96	126.91 6.72 -25.13	143.80 8.31 -11.94	469.94 26.99 0.00	141.47 8.60 0.00	99.96 5.38 -14.10	119.37 5.86 -31.91	114.14 2.27 -80.81	108.24 7.09 -3.50	106.35 6.83 -0.91
SHOREHAM_IC_1 23715	87.17 7.44 0.00	89.72 7.19 0.00	84.84 6.44 0.00	83.12 6.18 0.00	75.72 5.90 0.00	68.78 5.31 0.00	85.95 7.73 0.00	98.79 8.94 0.00	99.47 11.19 0.00	102.09 12.10 0.00	140.05 15.56 -18.01	148.18 17.45 -13.02	150.53 16.48 -24.59	160.16 14.10 -54.21	149.49 5.97 -104.39	147.20 14.45 -37.67	155.08 17.97 -13.57	495.41 51.93 -0.53	209.03 19.23 -56.92	287.70 11.85 -195.37	230.97 11.70 -137.67	253.98 4.66 -218.26	116.42 14.39 -4.38	112.68 13.07 -1.00
SHOREHAM_IC_2 23716	87.17 7.44 0.00	89.72 7.19 0.00	84.84 6.44 0.00	83.12 6.18 0.00	75.72 5.90 0.00	68.78 5.31 0.00	85.95 7.73 0.00	98.79 8.94 0.00	99.47 11.19 0.00	102.09 12.10 0.00	140.05 15.56 -18.01	148.18 17.45 -13.02	150.53 16.48 -24.59	160.16 14.10 -54.21	149.49 5.97 -104.39	147.20 14.45 -37.67	155.08 17.97 -13.57	495.41 51.93 -0.53	209.03 19.23 -56.92	287.70 11.85 -195.37	230.97 11.70 -137.67	253.98 4.66 -218.26	116.42 14.39 -4.38	112.68 13.07 -1.00
SISSONVILLE____ 23735	77.51 -2.22 0.00	80.46 -2.07 0.00	76.34 -2.06 0.00	74.96 -1.98 0.00	68.15 -1.67 0.00	62.14 -1.32 0.00	76.68 -1.55 0.00	88.05 -1.80 0.00	85.84 -2.44 0.00	87.72 -2.27 0.00	103.30 -3.18 0.00	113.66 -4.05 0.00	105.81 -3.66 0.00	87.97 -3.88 0.00	37.47 -1.65 0.00	91.87 -3.20 0.00	120.05 -3.50 0.00	433.56 -9.40 0.00	129.27 -3.61 0.00	78.17 -2.31 0.00	78.51 -3.09 0.00	29.79 -1.27 0.00	93.58 -4.07 0.00	94.20 -4.41 0.00
SITHE_IND_GS1 24169	76.53 -3.20 0.00	79.21 -3.32 0.00	75.23 -3.17 0.00	73.82 -3.12 0.00	67.06 -2.77 0.00	61.06 -2.41 0.00	75.31 -2.92 0.00	86.38 -3.47 0.00	85.01 -3.27 0.00	86.61 -3.38 0.00	102.42 -4.06 0.00	113.33 -4.39 0.00	105.27 -4.19 0.00	88.57 -3.28 0.00	37.72 -1.40 0.00	91.60 -3.47 0.00	119.07 -4.48 0.00	427.22 -15.73 0.00	128.11 -4.76 0.00	77.47 -3.01 0.00	78.61 -2.98 0.00	32.89 -1.14 -2.97	93.86 -3.79 0.00	94.81 -3.82 -0.01
SITHE_IND_GS2 24170	76.53 -3.20 0.00	79.21 -3.32 0.00	75.23 -3.17 0.00	73.82 -3.12 0.00	67.06 -2.77 0.00	61.06 -2.41 0.00	75.31 -2.92 0.00	86.38 -3.47 0.00	85.01 -3.27 0.00	86.61 -3.38 0.00	102.42 -4.06 0.00	113.33 -4.39 0.00	105.27 -4.19 0.00	88.57 -3.28 0.00	37.72 -1.40 0.00	91.60 -3.47 0.00	119.07 -4.48 0.00	427.22 -15.73 0.00	128.11 -4.76 0.00	77.47 -3.01 0.00	78.61 -2.98 0.00	32.89 -1.14 -2.97	93.86 -3.79 0.00	94.81 -3.82 -0.01
SITHE_IND_GS3 24171	76.53 -3.20 0.00	79.21 -3.32 0.00	75.23 -3.17 0.00	73.82 -3.12 0.00	67.06 -2.77 0.00	61.06 -2.41 0.00	75.31 -2.92 0.00	86.38 -3.47 0.00	85.01 -3.27 0.00	86.61 -3.38 0.00	102.42 -4.06 0.00	113.33 -4.39 0.00	105.27 -4.19 0.00	88.57 -3.28 0.00	37.72 -1.40 0.00	91.60 -3.47 0.00	119.07 -4.48 0.00	427.22 -15.73 0.00	128.11 -4.76 0.00	77.47 -3.01 0.00	78.61 -2.98 0.00	32.89 -1.14 -2.97	93.86 -3.79 0.00	94.81 -3.82 -0.01
SITHE_IND_GS4 24172	76.53 -3.20 0.00	79.21 -3.32 0.00	75.23 -3.17 0.00	73.82 -3.12 0.00	67.06 -2.77 0.00	61.06 -2.41 0.00	75.31 -2.92 0.00	86.38 -3.47 0.00	85.01 -3.27 0.00	86.61 -3.38 0.00	102.42 -4.06 0.00	113.33 -4.39 0.00	105.27 -4.19 0.00	88.57 -3.28 0.00	37.72 -1.40 0.00	91.60 -3.47 0.00	119.07 -4.48 0.00	427.22 -15.73 0.00	128.11 -4.76 0.00	77.47 -3.01 0.00	78.61 -2.98 0.00	32.89 -1.14 -2.97	93.86 -3.79 0.00	94.81 -3.82 -0.01

SITHE___BATAVIA 24024	75.78 -3.95 0.00	78.57 -3.96 0.00	74.47 -3.93 0.00	73.01 -3.94 0.00	66.59 -3.24 0.00	61.42 -2.05 0.00	75.43 -2.80 0.00	85.57 -4.29 0.00	84.09 -4.20 0.00	85.59 -4.40 0.00	100.88 -6.16 -0.56	111.93 -6.12 -0.33	104.40 -5.72 -0.65	89.57 -3.87 -1.60	40.60 -2.04 -3.52	92.01 -4.17 -1.11	118.80 -5.28 -0.53	428.38 -14.58 0.00	127.90 -4.97 0.00	77.33 -3.77 -0.62	79.16 -3.84 -1.40	38.88 -2.07 -9.88	92.66 -5.48 -0.49	93.97 -4.80 -0.15
SITHE___INDEPEND 23800	76.53 -3.20 0.00	79.21 -3.32 0.00	75.23 -3.17 0.00	73.83 -3.11 0.00	67.06 -2.76 0.00	61.06 -2.41 0.00	75.31 -2.92 0.00	86.38 -3.47 0.00	85.01 -3.27 0.00	86.60 -3.39 0.00	102.42 -4.06 0.00	113.32 -4.39 0.00	105.27 -4.19 0.00	88.56 -3.29 0.00	37.71 -1.41 0.00	91.59 -3.48 0.00	119.07 -4.48 0.00	427.14 -15.82 0.00	128.13 -4.75 0.00	77.47 -3.01 0.00	78.61 -2.98 0.00	32.89 -1.14 -2.97	93.87 -3.78 0.00	94.80 -3.83 -0.01
SITHE___MASSENA 23902	79.21 -0.52 0.00	82.19 -0.34 0.00	78.02 -0.37 0.00	76.50 -0.44 0.00	69.47 -0.35 0.00	63.32 -0.15 0.00	77.90 -0.33 0.00	89.29 -0.57 0.00	87.10 -1.19 0.00	88.88 -1.12 0.00	104.80 -1.68 0.00	115.38 -2.34 0.00	107.55 -1.91 0.00	89.57 -2.28 0.00	38.19 -0.93 0.00	93.48 -1.59 0.00	121.91 -1.64 0.00	439.34 -3.62 0.00	131.21 -1.67 0.00	79.38 -1.10 0.00	79.85 -1.75 0.00	30.36 -0.70 0.00	95.59 -2.06 0.00	96.41 -2.21 0.00
SITHE___OGDNSBRG 24021	79.79 0.06 0.00	82.82 0.29 0.00	78.60 0.20 0.00	77.11 0.17 0.00	70.06 0.23 0.00	63.98 0.52 0.00	78.93 0.71 0.00	90.58 0.72 0.00	88.19 -0.10 0.00	89.78 -0.21 0.00	105.38 -1.10 0.00	115.93 -1.79 0.00	108.21 -1.26 0.00	90.17 -1.68 0.00	38.42 -0.70 0.00	94.28 -0.79 0.00	123.37 -0.18 0.00	445.98 3.02 0.00	132.96 0.08 0.00	80.41 -0.07 0.00	80.74 -0.86 0.00	30.62 -0.44 0.00	96.27 -1.38 0.00	96.85 -1.76 0.00
SITHE___STERLING 23777	82.01 2.28 0.00	85.03 2.50 0.00	80.76 2.36 0.00	79.28 2.34 0.00	72.09 2.27 0.00	65.71 2.24 0.00	81.54 3.31 0.00	93.91 4.06 0.00	92.56 4.27 0.00	94.22 4.23 0.00	111.55 5.07 0.00	123.13 5.41 0.00	114.36 4.90 0.00	96.27 4.43 0.00	40.85 1.73 0.00	99.34 4.27 0.00	129.54 5.99 0.00	463.98 21.02 0.00	138.96 6.08 0.00	83.99 3.51 0.00	85.19 3.59 0.00	35.41 1.24 -3.11	101.30 3.65 0.00	102.04 3.41 -0.01
SLEIGHT__34_KV_TB1 80719	76.94 -2.79 0.00	79.63 -2.89 0.00	75.52 -2.88 0.00	74.17 -2.77 0.00	67.54 -2.29 0.00	61.90 -1.57 0.00	76.80 -1.43 0.00	87.94 -1.91 0.00	86.58 -1.71 0.00	88.06 -1.93 0.00	104.28 -2.68 -0.47	115.43 -2.56 -0.28	107.49 -2.53 -0.55	91.80 -1.40 -1.35	41.31 -0.77 -2.97	94.44 -1.57 -0.93	122.16 -1.83 -0.44	438.45 -4.50 0.00	131.15 -1.72 0.00	79.36 -1.64 -0.52	81.24 -1.55 -1.19	37.57 -0.93 -7.43	95.09 -2.59 -0.03	96.14 -2.50 -0.03
SOUTH CAIRO___GT 23612	87.50 7.77 0.00	90.38 7.85 0.00	85.91 7.51 0.00	84.42 7.48 0.00	76.60 6.78 0.00	69.42 5.95 0.00	85.68 7.45 0.00	98.52 8.66 0.00	97.11 8.82 0.00	98.66 8.67 0.00	117.86 9.51 -1.87	129.49 10.68 -1.09	120.53 8.88 -2.19	104.55 7.37 -5.33	54.09 3.23 -11.75	106.66 7.90 -3.69	136.46 11.16 -1.75	482.81 39.85 0.00	145.64 12.77 0.00	89.74 7.19 -2.07	93.95 7.67 -4.69	114.10 2.92 -80.12	113.20 9.41 -6.14	110.13 9.67 -1.85
SOUTH HAMPTN___IC 23720	87.29 7.56 0.00	89.82 7.29 0.00	84.91 6.51 0.00	83.22 6.28 0.00	75.83 6.00 0.00	69.02 5.55 0.00	86.46 8.23 0.00	99.48 9.62 0.00	100.52 12.23 0.00	103.25 13.26 0.00	141.44 16.95 -18.01	149.77 19.03 -13.02	151.99 17.93 -24.59	161.44 15.38 -54.21	150.02 6.51 -104.39	148.51 15.77 -37.67	156.72 19.60 -13.57	500.16 56.69 -0.51	210.64 20.85 -56.92	288.80 12.95 -195.37	231.60 12.33 -137.67	254.15 4.83 -218.26	116.86 14.82 -4.38	113.27 13.65 -1.00
SOUTHDOW_115KV_TB1 355954	79.02 -0.71 0.00	81.82 -0.71 0.00	77.52 -0.88 0.00	76.00 -0.94 0.00	69.34 -0.49 0.00	64.00 0.53 0.00	78.29 0.06 0.00	88.99 -0.87 0.00	87.75 -0.54 0.00	89.38 -0.61 0.00	105.71 -1.49 -0.72	117.09 -1.04 -0.42	109.14 -1.17 -0.84	94.22 0.32 -2.06	43.22 -0.43 -4.53	96.16 -0.33 -1.42	123.57 -0.65 -0.68	442.91 -0.04 0.00	132.40 -0.48 0.00	79.95 -1.33 -0.80	82.52 -0.89 -1.81	42.86 -0.85 -12.65	96.78 -1.52 -0.65	97.52 -1.30 -0.20
SOUTHOLD_69_KV_BK 2 55809	87.10 7.37 0.00	89.71 7.18 0.00	84.81 6.41 0.00	83.09 6.14 0.00	75.77 5.95 0.00	69.24 5.78 0.00	86.95 8.72 0.00	100.15 10.30 0.00	102.06 13.77 0.00	105.02 15.03 0.00	143.61 19.12 -18.01	152.20 21.46 -13.02	154.26 20.20 -24.59	163.41 17.35 -54.21	150.85 7.34 -104.39	150.56 17.82 -37.67	158.70 21.58 -13.57	500.54 57.07 -0.51	212.35 22.56 -56.92	290.57 14.72 -195.37	232.48 13.21 -137.67	254.34 5.02 -218.26	117.26 15.22 -4.38	113.77 14.15 -1.00
SOUTHOLD___IC 23719	87.10 7.37 0.00	89.71 7.18 0.00	84.81 6.41 0.00	83.09 6.15 0.00	75.77 5.94 0.00	69.24 5.77 0.00	86.95 8.72 0.00	100.15 10.29 0.00	102.05 13.77 0.00	105.01 15.03 0.00	143.61 19.13 -18.01	152.21 21.47 -13.02	154.26 20.20 -24.59	163.40 17.34 -54.21	150.84 7.33 -104.39	150.54 17.80 -37.67	158.70 21.58 -13.57	500.19 56.72 -0.52	212.35 22.56 -56.92	290.57 14.72 -195.37	232.48 13.21 -137.67	254.34 5.02 -218.26	117.26 15.23 -4.38	113.77 14.15 -1.00
SOUTH_FORK_WT_PWR 323839	86.18 6.45 0.00	88.78 6.25 0.00	83.87 5.47 0.00	82.19 5.25 0.00	74.94 5.11 0.00	68.67 5.20 0.00	86.46 8.23 0.00	99.57 9.72 0.00	102.11 13.82 0.00	105.21 15.22 0.00	143.86 19.37 -18.01	152.55 21.81 -13.02	154.56 20.51 -24.59	163.66 17.60 -54.21	150.95 7.44 -104.39	150.84 18.09 -37.67	159.42 22.30 -13.57	505.97 62.50 -0.51	213.28 23.49 -56.92	290.80 14.95 -195.37	232.10 12.83 -137.67	254.12 4.80 -218.26	116.43 14.39 -4.38	113.04 13.43 -1.00
SPIERFLS_115KV_TB 1 80737	85.79 6.06 0.00	88.43 5.91 0.00	84.07 5.67 0.00	82.59 5.65 0.00	75.11 5.28 0.00	68.40 4.93 0.00	84.98 6.75 0.00	97.67 7.82 0.00	96.22 7.93 0.00	97.88 7.89 0.00	114.92 9.16 0.72	128.00 10.71 0.42	118.07 9.45 0.84	97.54 7.75 2.06	37.84 3.26 4.54	102.01 8.36 1.42	134.25 11.39 0.68	481.82 38.86 0.00	144.88 12.00 0.00	87.08 7.40 0.80	87.91 8.13 1.81	133.39 3.02 -99.31	120.51 9.20 -13.66	111.40 8.90 -3.89
ST LAWRENCE____ 23600	78.71 -1.01 0.00	81.61 -0.91 0.00	77.52 -0.88 0.00	76.00 -0.94 0.00	68.99 -0.84 0.00	62.86 -0.61 0.00	77.28 -0.94 0.00	88.59 -1.27 0.00	86.48 -1.80 0.00	88.25 -1.74 0.00	104.13 -2.35 0.00	114.69 -3.02 0.00	106.93 -2.54 0.00	89.41 -2.44 0.00	38.11 -1.01 0.00	92.88 -2.19 0.00	121.00 -2.54 0.00	435.73 -7.22 0.00	130.27 -2.60 0.00	78.82 -1.66 0.00	79.41 -2.19 0.00	30.19 -0.86 0.00	95.11 -2.54 0.00	95.98 -2.63 0.00
STATE_CA_115KV_115_LB 55624	83.56 3.83 0.00	86.30 3.78 0.00	82.07 3.67 0.00	80.60 3.66 0.00	73.04 3.21 0.00	65.89 2.43 0.00	81.07 2.84 0.00	93.06 3.20 0.00	91.72 3.43 0.00	93.42 3.66 0.00	109.18 4.46 0.96	121.62 4.46 0.56	112.43 4.08 1.12	92.37 3.25 2.72	34.65 1.54 6.00	96.70 3.51 1.89	126.92 4.27 0.90	456.28 13.32 0.00	137.65 4.77 0.00	81.93 2.51 1.06	82.22 3.02 2.40	119.62 1.30 -87.26	111.94 4.68 -9.60	106.23 4.80 -2.82

STATE_ST_34_KV_LOAD 55959	79.42 -0.31 0.00	82.16 -0.37 0.00	77.80 -0.60 0.00	76.55 -0.39 0.00	69.65 -0.17 0.00	63.57 0.10 0.00	79.62 1.39 0.00	91.65 1.80 0.00	90.65 2.37 0.00	91.92 1.93 0.00	109.03 2.03 -0.51	120.78 2.77 -0.30	112.29 2.23 -0.60	95.88 2.57 -1.46	43.33 1.01 -3.21	98.51 2.43 -1.01	127.70 3.67 -0.48	457.77 14.81 0.00	137.09 4.21 0.00	82.93 1.88 -0.57	85.11 2.23 -1.28	40.67 0.55 -9.06	100.07 1.96 -0.46	100.52 1.77 -0.14
STATION_5_MISC_HYD 23604	75.98 -3.75 0.00	78.68 -3.85 0.00	74.65 -3.75 0.00	73.24 -3.70 0.00	66.73 -3.10 0.00	61.24 -2.23 0.00	75.44 -2.78 0.00	86.02 -3.84 0.00	84.56 -3.73 0.00	86.05 -3.94 0.00	101.72 -5.25 -0.48	112.62 -5.37 -0.28	104.94 -5.09 -0.57	89.76 -3.46 -1.38	40.47 -1.69 -3.03	92.34 -3.68 -0.95	119.23 -4.77 -0.45	428.67 -14.29 0.00	128.09 -4.79 0.00	77.56 -3.46 -0.54	79.38 -3.43 -1.21	37.00 -1.66 -7.60	92.98 -4.70 -0.03	94.32 -4.32 -0.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	77.79 -1.94 0.00	80.48 -2.05 0.00	76.41 -1.99 0.00	74.99 -1.95 0.00	68.35 -1.48 0.00	62.67 -0.79 0.00	77.74 -0.49 0.00	89.01 -0.84 0.00	87.62 -0.67 0.00	89.10 -0.89 0.00	105.46 -1.50 -0.49	116.62 -1.38 -0.28	108.61 -1.42 -0.57	92.85 -0.39 -1.39	41.80 -0.38 -3.05	95.51 -0.52 -0.96	123.45 -0.55 -0.46	442.97 0.02 0.00	132.50 -0.37 0.00	80.29 -0.73 -0.54	82.13 -0.69 -1.22	39.11 -0.57 -8.62	96.49 -1.59 -0.43	97.19 -1.56 -0.13
STA_56_34_KV_BUS2_REV_LBMP_B 345033	75.76 -3.97 0.00	78.44 -4.09 0.00	74.40 -3.99 0.00	73.01 -3.93 0.00	66.51 -3.32 0.00	61.01 -2.46 0.00	75.24 -2.99 0.00	85.84 -4.01 0.00	84.36 -3.93 0.00	85.88 -4.12 0.00	101.57 -5.39 -0.48	112.50 -5.49 -0.28	104.84 -5.19 -0.56	89.62 -3.59 -1.37	40.37 -1.76 -3.01	92.20 -3.81 -0.95	119.09 -4.91 -0.45	427.96 -15.00 0.00	127.98 -4.90 0.00	77.51 -3.51 -0.53	79.23 -3.57 -1.20	36.89 -1.70 -7.53	92.81 -4.87 -0.03	94.04 -4.60 -0.03
STA_56___34_KV_BUS2 355983	75.76 -3.97 0.00	78.44 -4.09 0.00	74.40 -3.99 0.00	73.01 -3.93 0.00	66.51 -3.32 0.00	61.01 -2.46 0.00	75.24 -2.99 0.00	85.84 -4.01 0.00	84.36 -3.93 0.00	85.88 -4.12 0.00	101.57 -5.39 -0.48	112.50 -5.49 -0.28	104.84 -5.19 -0.56	89.62 -3.59 -1.37	40.37 -1.76 -3.01	92.20 -3.81 -0.95	119.09 -4.91 -0.45	427.96 -15.00 0.00	127.98 -4.90 0.00	77.51 -3.51 -0.53	79.23 -3.57 -1.20	36.89 -1.70 -7.53	92.81 -4.87 -0.03	94.04 -4.60 -0.03
STA_67___115KV_BK2 355882	75.82 -3.90 0.00	78.51 -4.02 0.00	74.46 -3.93 0.00	73.08 -3.87 0.00	66.56 -3.27 0.00	61.07 -2.40 0.00	75.24 -2.98 0.00	85.76 -4.09 0.00	84.27 -4.01 0.00	85.76 -4.23 0.00	101.41 -5.56 -0.48	112.25 -5.75 -0.28	104.59 -5.44 -0.56	89.46 -3.77 -1.38	40.32 -1.84 -3.03	92.03 -4.00 -0.95	118.85 -5.15 -0.45	427.13 -15.82 0.00	127.67 -5.21 0.00	77.33 -3.69 -0.53	79.12 -3.69 -1.21	36.90 -1.75 -7.59	92.75 -4.93 -0.03	94.05 -4.59 -0.03
STA_7___115KV_9TRANS 80674	76.38 -3.35 0.00	79.08 -3.45 0.00	75.03 -3.37 0.00	73.63 -3.32 0.00	67.08 -2.75 0.00	61.57 -1.89 0.00	75.91 -2.32 0.00	86.59 -3.27 0.00	85.12 -3.17 0.00	86.67 -3.32 0.00	102.46 -4.50 -0.48	113.40 -4.60 -0.28	105.68 -4.35 -0.57	90.38 -2.85 -1.38	40.71 -1.45 -3.04	93.00 -3.03 -0.95	120.10 -3.90 -0.45	431.78 -11.18 0.00	129.01 -3.87 0.00	78.13 -2.89 -0.54	79.98 -2.84 -1.21	37.20 -1.45 -7.60	93.64 -4.03 -0.03	94.92 -3.73 -0.03
STA_82___115KV_TB1 80780	75.84 -3.89 0.00	78.53 -4.00 0.00	74.50 -3.90 0.00	73.09 -3.85 0.00	66.59 -3.24 0.00	61.10 -2.36 0.00	75.28 -2.95 0.00	85.81 -4.05 0.00	84.33 -3.96 0.00	85.82 -4.17 0.00	101.50 -5.47 -0.49	112.31 -5.69 -0.28	104.67 -5.36 -0.57	89.51 -3.73 -1.39	40.35 -1.82 -3.05	92.10 -3.93 -0.96	118.93 -5.08 -0.46	427.40 -15.55 0.00	127.78 -5.10 0.00	77.38 -3.64 -0.54	79.18 -3.63 -1.22	37.95 -1.73 -8.61	93.19 -4.43 -0.43	94.23 -4.52 -0.13
STEEL___WIND 323596	75.11 -4.62 0.00	77.88 -4.65 0.00	73.80 -4.60 0.00	72.32 -4.62 0.00	65.95 -3.87 0.00	60.76 -2.71 0.00	74.28 -3.95 0.00	83.86 -6.00 0.00	82.35 -5.94 0.00	83.79 -6.20 0.00	98.83 -8.32 -0.67	109.61 -8.49 -0.39	102.18 -8.07 -0.78	88.33 -5.43 -1.90	40.58 -2.74 -4.19	90.51 -5.88 -1.32	116.36 -7.82 -0.63	418.39 -24.56 0.00	124.86 -8.02 0.00	75.54 -5.68 -0.74	77.69 -5.58 -1.67	40.12 -2.66 -11.72	91.00 -7.24 -0.60	92.49 -6.31 -0.18
STEPHTWN_115KV_BK_2 55603	84.32 4.59 0.00	87.09 4.55 0.00	82.77 4.38 0.00	81.29 4.35 0.00	73.71 3.88 0.00	66.71 3.24 0.00	82.00 3.77 0.00	94.13 4.28 0.00	92.78 4.49 0.00	94.48 4.49 0.00	110.23 4.90 1.15	123.00 5.95 0.67	113.46 5.34 1.34	92.92 4.35 3.27	33.85 1.94 7.21	97.44 4.64 2.27	128.53 6.06 1.08	463.28 20.32 0.00	139.73 6.85 0.00	82.84 3.63 1.27	82.93 4.21 2.88	113.98 1.72 -81.20	111.29 6.02 -7.62	107.11 6.19 -2.30
STEUBEN_REC_LFGE 323667	78.84 -0.89 0.00	81.49 -1.04 0.00	77.41 -0.99 0.00	75.92 -1.03 0.00	69.25 -0.57 0.00	63.66 0.19 0.00	78.33 0.10 0.00	89.41 -0.45 0.00	88.23 -0.06 0.00	89.75 -0.24 0.00	106.49 -0.89 -0.90	117.49 -0.76 -0.53	109.42 -1.10 -1.05	94.85 0.43 -2.57	44.63 -0.15 -5.66	96.65 -0.20 -1.78	123.89 -0.50 -0.85	441.32 -1.63 0.00	131.66 -1.22 0.00	80.08 -1.40 -1.00	82.38 -1.47 -2.26	45.92 -0.85 -15.71	96.22 -2.24 -0.82	95.94 -2.92 -0.25
STILLWATER___SOLAR 323814	84.83 5.11 0.00	87.58 5.05 0.00	83.21 4.81 0.00	81.71 4.76 0.00	74.20 4.38 0.00	67.47 4.01 0.00	83.58 5.35 0.00	96.03 6.18 0.00	94.57 6.28 0.00	96.16 6.17 0.00	113.08 7.19 0.59	125.81 8.44 0.35	116.33 7.55 0.69	96.35 6.19 1.69	38.04 2.65 3.72	100.62 6.72 1.17	131.83 8.84 0.56	472.68 29.72 0.00	142.18 9.30 0.00	85.55 5.73 0.66	86.50 6.39 1.49	131.59 2.40 -98.12	118.18 7.33 -13.20	109.63 7.25 -3.76
STONY___BROOK 24151	86.91 7.18 0.00	89.50 6.97 0.00	84.64 6.24 0.00	82.96 6.02 0.00	75.53 5.71 0.00	68.49 5.02 0.00	85.48 7.25 0.00	98.66 8.81 0.00	98.61 10.32 0.00	101.21 11.22 0.00	139.05 14.56 -18.01	147.10 16.35 -13.02	149.47 15.41 -24.59	159.21 13.15 -54.21	149.08 5.57 -104.39	146.14 13.40 -37.67	153.71 16.59 -13.58	491.66 48.16 -0.55	207.53 17.74 -56.92	286.72 10.86 -195.37	230.00 10.73 -137.67	253.73 4.41 -218.26	115.77 13.73 -4.38	112.40 12.79 -1.00
STURGEON_POOL_HYD 23609	87.45 7.72 0.00	90.12 7.59 0.00	85.47 7.07 0.00	83.94 6.99 0.00	76.25 6.42 0.00	69.32 5.85 0.00	86.14 7.91 0.00	98.52 8.67 0.00	97.59 9.31 0.00	99.90 9.91 0.00	129.97 12.72 -10.77	138.41 14.39 -6.30	135.43 13.37 -12.60	134.08 11.49 -30.74	111.65 4.81 -67.73	127.98 11.63 -21.28	149.17 15.51 -10.11	501.99 59.04 0.00	151.21 18.33 0.00	103.71 11.29 -11.94	120.42 11.80 -27.02	120.04 4.40 -84.57	115.45 13.46 -4.34	112.74 12.94 -1.19
ST_LAW_115_BK7_LBMP 345037	78.62 -1.11 0.00	81.53 -1.00 0.00	77.44 -0.96 0.00	75.92 -1.02 0.00	68.92 -0.91 0.00	62.80 -0.67 0.00	77.20 -1.02 0.00	88.49 -1.37 0.00	86.36 -1.92 0.00	88.10 -1.89 0.00	103.98 -2.50 0.00	114.47 -3.25 0.00	106.73 -2.74 0.00	89.20 -2.65 0.00	38.03 -1.09 0.00	92.71 -2.36 0.00	120.84 -2.71 0.00	435.20 -7.76 0.00	130.07 -2.81 0.00	78.70 -1.78 0.00	79.25 -2.34 0.00	30.14 -0.92 0.00	94.94 -2.71 0.00	95.78 -2.83 0.00

ST_LAW_115_BK8_LBMP 345038	78.62 -1.11 0.00	81.53 -1.00 0.00	77.44 -0.96 0.00	75.92 -1.02 0.00	68.92 -0.91 0.00	62.80 -0.67 0.00	77.20 -1.02 0.00	88.49 -1.37 0.00	86.36 -1.92 0.00	88.10 -1.89 0.00	103.98 -2.50 0.00	114.47 -3.25 0.00	106.73 -2.74 0.00	89.20 -2.65 0.00	38.03 -1.09 0.00	92.71 -2.36 0.00	120.84 -2.71 0.00	435.20 -7.76 0.00	130.07 -2.81 0.00	78.70 -1.78 0.00	79.25 -2.34 0.00	30.14 -0.92 0.00	94.94 -2.71 0.00	95.78 -2.83 0.00
ST_LAW_230_BK5_LBMP 345035	78.71 -1.01 0.00	81.61 -0.91 0.00	77.52 -0.88 0.00	76.00 -0.94 0.00	68.99 -0.84 0.00	62.86 -0.61 0.00	77.28 -0.94 0.00	88.59 -1.27 0.00	86.48 -1.80 0.00	88.25 -1.74 0.00	104.13 -2.35 0.00	114.69 -3.02 0.00	106.93 -2.54 0.00	89.41 -2.44 0.00	38.11 -1.01 0.00	92.88 -2.19 0.00	121.00 -2.54 0.00	435.73 -7.22 0.00	130.27 -2.60 0.00	78.82 -1.66 0.00	79.41 -2.19 0.00	30.19 -0.86 0.00	95.11 -2.54 0.00	95.98 -2.63 0.00
ST_LAW_230_BK6_LBMP 345036	78.71 -1.01 0.00	81.61 -0.91 0.00	77.52 -0.88 0.00	76.00 -0.94 0.00	68.99 -0.84 0.00	62.86 -0.61 0.00	77.28 -0.94 0.00	88.59 -1.27 0.00	86.48 -1.80 0.00	88.25 -1.74 0.00	104.13 -2.35 0.00	114.69 -3.02 0.00	106.93 -2.54 0.00	89.41 -2.44 0.00	38.11 -1.01 0.00	92.88 -2.19 0.00	121.00 -2.54 0.00	435.73 -7.22 0.00	130.27 -2.60 0.00	78.82 -1.66 0.00	79.41 -2.19 0.00	30.19 -0.86 0.00	95.11 -2.54 0.00	95.98 -2.63 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	83.95 4.22 0.00	86.65 4.12 0.00	82.27 3.87 0.00	80.78 3.84 0.00	73.32 3.49 0.00	66.46 3.00 0.00	82.32 4.09 0.00	95.04 5.18 0.00	94.04 5.76 0.00	96.22 6.23 0.00	127.98 8.16 -13.34	134.79 9.27 -7.81	133.64 8.57 -15.61	137.21 7.27 -38.08	126.09 3.07 -83.90	128.74 7.31 -26.36	145.14 9.06 -12.53	472.65 29.70 0.00	142.51 9.63 0.00	101.29 6.01 -14.79	121.60 6.52 -33.48	117.32 2.53 -83.73	109.14 7.87 -3.62	107.09 7.54 -0.94
SWANROAD_115KV_TB1 355699	71.85 -7.87 0.00	74.60 -7.93 0.00	70.71 -7.69 0.00	69.28 -7.66 0.00	63.19 -6.64 0.00	58.15 -5.32 0.00	70.73 -7.50 0.00	79.60 -10.25 0.00	77.99 -10.29 0.00	79.33 -10.67 0.00	93.42 -13.67 -0.61	103.57 -14.51 -0.36	96.71 -13.46 -0.72	83.45 -10.15 -1.75	38.12 -4.85 -3.85	85.70 -10.58 -1.21	110.20 -13.92 -0.58	396.47 -46.49 0.00	118.40 -14.47 0.00	71.69 -9.47 -0.68	73.56 -9.57 -1.54	37.55 -4.31 -10.79	86.52 -11.67 -0.55	88.12 -10.66 -0.17
SYNERGY___BIOGAS 323694	75.78 -3.95 0.00	78.57 -3.96 0.00	74.47 -3.93 0.00	73.01 -3.94 0.00	66.59 -3.24 0.00	61.42 -2.05 0.00	75.43 -2.80 0.00	85.57 -4.20 0.00	84.09 -4.20 0.00	85.59 -4.40 0.00	100.88 -6.16 -0.56	111.93 -6.12 -0.33	104.40 -5.72 -0.65	89.57 -3.87 -1.60	40.60 -2.04 -3.52	92.01 -4.17 -1.11	118.80 -5.28 -0.53	428.38 -14.58 0.00	127.90 -4.97 0.00	77.33 -3.77 -0.62	79.16 -3.84 -1.40	38.88 -2.07 -9.88	92.66 -5.48 -0.49	93.97 -4.80 -0.15
SYRACUSE___ENERGY_ST1 323597	78.65 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.60 0.00	78.50 0.27 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.81 0.82 0.00	107.70 0.82 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.21 1.21 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.58 1.66 -0.38	449.99 7.03 0.00	134.89 2.01 0.00	81.78 0.85 -0.45	83.66 1.05 -1.01	37.67 0.22 -6.39	98.35 0.68 -0.02	99.22 0.58 -0.02
SYRACUSE___ENERGY_ST2 323598	78.65 -1.07 0.00	81.41 -1.12 0.00	77.28 -1.12 0.00	75.90 -1.04 0.00	68.96 -0.86 0.00	62.86 -0.60 0.00	78.50 0.27 0.00	90.49 0.63 0.00	89.27 0.98 0.00	90.81 0.82 0.00	107.70 0.82 -0.40	119.07 1.12 -0.23	110.79 0.86 -0.47	94.21 1.21 -1.15	42.08 0.43 -2.53	96.97 1.10 -0.79	125.58 1.66 -0.38	449.99 7.03 0.00	134.89 2.01 0.00	81.78 0.85 -0.45	83.66 1.05 -1.01	37.67 0.22 -6.39	98.35 0.68 -0.02	99.22 0.58 -0.02
SYRACUSE___POWER 24017	78.71 -1.02 0.00	81.45 -1.08 0.00	77.34 -1.06 0.00	75.89 -1.05 0.00	68.96 -0.86 0.00	62.85 -0.61 0.00	78.04 -0.19 0.00	89.80 -0.05 0.00	88.51 0.23 0.00	90.12 0.13 0.00	107.04 0.13 -0.43	118.24 0.27 -0.25	110.02 0.05 -0.50	93.57 0.50 -1.22	41.93 0.11 -2.70	96.25 0.33 -0.85	124.54 0.59 -0.40	445.48 2.52 0.00	133.61 0.74 0.00	81.17 0.22 -0.48	83.01 0.34 -1.08	37.86 0.01 -6.79	97.64 -0.03 -0.03	98.47 -0.16 -0.03
TALLMAN___138KV_BK151 55660	84.15 4.43 0.00	86.79 4.26 0.00	82.40 4.00 0.00	80.94 3.99 0.00	73.44 3.62 0.00	66.55 3.09 0.00	82.47 4.24 0.00	95.33 5.47 0.00	94.41 6.12 0.00	96.66 6.67 0.00	129.29 8.83 -13.98	135.85 9.95 -8.18	135.00 9.17 -16.36	139.59 7.82 -39.92	130.35 3.28 -87.95	130.46 7.75 -27.64	146.33 9.65 -13.13	474.43 31.48 0.00	142.99 10.12 0.00	102.29 6.31 -15.50	123.54 6.85 -35.10	120.35 2.67 -86.62	109.77 8.39 -3.73	107.62 8.05 -0.96
TEALLAVE_115KV_TB7 355573	78.16 -1.57 0.00	80.89 -1.64 0.00	76.80 -1.60 0.00	75.39 -1.56 0.00	68.52 -1.31 0.00	62.42 -1.04 0.00	77.39 -0.84 0.00	88.99 -0.87 0.00	87.72 -0.56 0.00	89.37 -0.62 0.00	106.05 -0.78 -0.35	117.11 -0.81 -0.21	108.98 -0.90 -0.41	92.49 -0.36 -1.01	41.10 -0.23 -2.22	95.24 -0.53 -0.70	123.28 -0.60 -0.33	441.08 -1.88 0.00	132.26 -0.62 0.00	80.31 -0.56 -0.39	82.01 -0.47 -0.88	36.44 -0.27 -5.65	96.71 -0.96 -0.02	97.58 -1.05 -0.02
TELGRAPH_34_KV_EAST 80808	73.89 -5.84 0.00	76.65 -5.88 0.00	72.65 -5.75 0.00	71.20 -5.75 0.00	64.95 -4.88 0.00	59.84 -3.63 0.00	73.14 -5.09 0.00	82.68 -7.18 0.00	81.14 -7.15 0.00	82.54 -7.45 0.00	97.25 -9.81 -0.58	107.87 -10.18 -0.34	100.69 -9.46 -0.68	86.66 -6.85 -1.66	39.36 -3.41 -3.66	88.97 -7.25 -1.15	114.62 -9.48 -0.55	412.63 -30.32 0.00	123.22 -9.65 0.00	74.52 -6.60 -0.64	76.41 -6.65 -1.46	38.17 -3.15 -10.26	89.72 -8.45 -0.52	91.16 -7.61 -0.16
TEMPLE___115KV_TB 2 55572	78.21 -1.52 0.00	80.93 -1.60 0.00	76.85 -1.55 0.00	75.42 -1.53 0.00	68.54 -1.29 0.00	62.44 -1.02 0.00	77.43 -0.80 0.00	89.02 -0.84 0.00	87.78 -0.50 0.00	89.46 -0.53 0.00	106.16 -0.68 -0.35	117.17 -0.76 -0.21	109.06 -0.82 -0.42	92.58 -0.29 -1.03	41.16 -0.21 -2.26	95.29 -0.49 -0.71	123.37 -0.51 -0.34	441.31 -1.65 0.00	132.34 -0.54 0.00	80.36 -0.52 -0.40	82.09 -0.41 -0.90	36.56 -0.25 -5.75	96.77 -0.91 -0.02	97.65 -0.98 -0.02
TIANA____69_KV_BK 1 55817	87.39 7.66 0.00	89.93 7.40 0.00	85.04 6.64 0.00	83.30 6.36 0.00	75.92 6.09 0.00	69.05 5.59 0.00	86.40 8.17 0.00	99.41 9.55 0.00	100.24 11.96 0.00	102.93 12.94 0.00	141.07 16.58 -18.01	149.30 18.56 -13.02	151.56 17.50 -24.59	161.08 15.02 -54.21	149.88 6.37 -104.39	148.13 15.39 -37.67	156.24 19.12 -13.57	499.34 55.87 -0.51	210.21 20.42 -56.92	288.49 12.64 -195.37	231.51 12.24 -137.67	254.14 4.82 -218.26	116.85 14.82 -4.38	113.22 13.61 -1.00
TILDEN___115KV_TB1 80814	78.71 -1.02 0.00	81.45 -1.08 0.00	77.34 -1.06 0.00	75.89 -1.05 0.00	68.96 -0.86 0.00	62.85 -0.61 0.00	78.04 -0.19 0.00	89.80 -0.05 0.00	88.51 0.23 0.00	90.12 0.13 0.00	107.04 0.13 -0.43	118.24 0.27 -0.25	110.02 0.05 -0.50	93.57 0.50 -1.22	41.93 0.11 -2.70	96.25 0.33 -0.85	124.54 0.59 -0.40	445.48 2.52 0.00	133.61 0.74 0.00	81.17 0.22 -0.48	83.01 0.34 -1.08	37.86 0.01 -6.79	97.64 -0.03 -0.03	98.47 -0.16 -0.03

TRIGEN__CC 323695	85.60 5.87 0.00	88.31 5.78 0.00	83.68 5.28 0.00	82.14 5.20 0.00	74.72 4.90 0.00	67.66 4.19 0.00	84.08 5.85 0.00	97.13 7.28 0.00	96.53 8.25 0.00	98.95 8.96 0.00	136.16 11.67 -18.01	143.86 13.12 -13.02	146.27 12.21 -24.59	156.42 10.36 -54.21	147.93 4.42 -104.39	143.25 10.51 -37.67	151.46 12.95 -14.97	487.74 39.47 -5.31	203.48 13.69 -56.92	284.51 8.66 -195.37	228.34 9.07 -137.67	252.89 3.57 -218.26	113.22 11.19 -4.38	110.24 10.63 -1.00
TRINITY__115KV__4 BK 55933	83.26 3.53 0.00	86.02 3.49 0.00	81.81 3.41 0.00	80.34 3.40 0.00	72.82 2.99 0.00	65.66 2.19 0.00	80.80 2.57 0.00	92.69 2.84 0.00	91.30 3.02 0.00	92.94 2.95 0.00	108.45 3.09 1.12	120.91 3.85 0.66	111.64 3.48 1.31	91.40 2.75 3.20	33.40 1.33 7.05	95.80 2.94 2.22	125.98 3.49 1.05	453.27 10.32 0.00	136.84 3.97 0.00	81.27 2.04 1.24	81.35 2.57 2.81	114.54 1.13 -82.35	109.84 4.19 -8.00	105.40 4.39 -2.40
UNION__PROCESSING_DRP 323587	75.87 -3.85 0.00	78.56 -3.97 0.00	74.52 -3.88 0.00	73.11 -3.83 0.00	66.63 -3.20 0.00	61.12 -2.34 0.00	75.32 -2.91 0.00	85.87 -3.99 0.00	84.37 -3.92 0.00	85.87 -4.12 0.00	101.52 -5.44 -0.49	112.38 -5.62 -0.28	104.70 -5.33 -0.57	89.56 -3.68 -1.39	40.38 -1.80 -3.05	92.13 -3.90 -0.96	118.98 -5.02 -0.46	427.64 -15.31 0.00	127.84 -5.03 0.00	77.42 -3.60 -0.54	79.22 -3.59 -1.22	37.96 -1.72 -8.62	93.24 -4.84 -0.43	94.25 -4.50 -0.13
UPPER HUDSON__HYD 24058	85.79 6.06 0.00	88.43 5.91 0.00	84.07 5.67 0.00	82.59 5.65 0.00	75.11 5.28 0.00	68.40 4.93 0.00	84.97 6.75 0.00	97.67 7.81 0.00	96.22 7.93 0.00	97.88 7.89 0.00	114.92 9.16 0.72	128.01 10.71 0.42	118.06 9.44 0.84	97.54 7.74 2.06	37.83 3.25 4.54	102.01 8.36 1.42	134.25 11.38 0.68	481.82 38.86 0.00	144.88 12.00 0.00	87.08 7.40 0.80	87.91 8.13 1.81	133.40 3.03 -99.31	120.49 9.18 -13.66	111.40 8.90 -3.89
UPPER RAQUET__HYD 24056	77.51 -2.22 0.00	80.46 -2.07 0.00	76.34 -2.06 0.00	74.96 -1.98 0.00	68.16 -1.67 0.00	62.14 -1.32 0.00	76.68 -1.55 0.00	88.05 -1.80 0.00	85.84 -2.44 0.00	87.73 -2.26 0.00	103.31 -3.17 0.00	113.65 -4.07 0.00	105.80 -3.67 0.00	87.98 -3.88 0.00	37.46 -1.65 0.00	91.87 -3.20 0.00	120.05 -3.50 0.00	433.47 -9.49 0.00	129.27 -3.61 0.00	78.18 -2.31 0.00	78.51 -3.09 0.00	29.79 -1.27 0.00	93.59 -4.06 0.00	94.20 -4.41 0.00
VALLEY44_115KV_TB2 355964	77.07 -2.66 0.00	79.81 -2.72 0.00	75.68 -2.72 0.00	74.22 -2.72 0.00	67.65 -2.18 0.00	62.22 -1.25 0.00	75.87 -2.36 0.00	85.73 -4.13 0.00	84.53 -3.76 0.00	86.16 -3.84 0.00	102.16 -5.07 -0.75	113.29 -4.86 -0.44	105.94 -4.40 -0.88	91.66 -2.34 -2.15	42.35 -1.50 -4.73	93.49 -3.07 -1.49	119.55 -4.70 -0.71	427.50 -15.45 0.00	127.60 -5.28 0.00	77.27 -4.05 -0.83	80.02 -3.47 -1.89	42.57 -1.69 -13.20	94.57 -3.75 -0.68	95.42 -3.40 -0.21
VALLEY__115KV_TB 1-4 80826	82.18 2.45 0.00	84.92 2.39 0.00	80.61 2.22 0.00	79.20 2.25 0.00	72.00 2.17 0.00	65.38 1.91 0.00	80.70 2.47 0.00	92.80 2.94 0.00	91.54 3.25 0.00	93.02 3.02 0.00	110.05 3.56 0.00	121.95 4.23 0.00	113.00 3.54 0.00	94.88 3.03 0.00	40.36 1.24 0.00	98.03 2.96 0.00	127.30 3.75 0.00	455.50 12.55 0.00	137.24 4.37 0.00	83.09 2.61 0.00	84.49 2.90 0.00	32.08 1.02 0.00	100.74 3.09 0.00	101.53 2.91 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	85.74 6.02 0.00	88.89 6.36 0.00	84.38 5.98 0.00	82.93 5.99 0.00	75.21 5.38 0.00	68.29 4.83 0.00	84.61 6.39 0.00	97.31 7.45 0.00	95.99 7.70 0.00	97.96 7.96 0.00	117.71 9.45 -1.78	128.98 10.22 -1.04	120.91 9.36 -2.08	105.04 8.11 -5.09	53.64 3.32 -11.20	106.92 8.33 -3.52	136.16 10.94 -1.67	481.68 38.73 0.00	144.49 11.62 0.00	89.56 7.10 -1.98	93.46 7.39 -4.47	67.26 2.77 -33.43	109.07 8.60 -2.81	108.03 8.61 -0.81
VISCHER__FERRY HYD 24020	83.78 4.05 0.00	86.47 3.94 0.00	82.19 3.79 0.00	80.73 3.78 0.00	73.24 3.42 0.00	66.47 3.00 0.00	82.15 3.92 0.00	94.36 4.51 0.00	92.93 4.64 0.00	94.46 4.47 0.00	111.75 5.27 0.00	124.21 6.49 0.00	115.33 5.87 0.00	96.57 4.72 0.00	41.21 2.09 0.00	100.14 5.07 0.00	129.70 6.15 0.00	462.35 19.39 0.00	139.26 6.39 0.00	84.50 4.01 0.00	86.35 4.75 0.00	127.52 1.83 -94.63	114.94 5.60 -11.68	107.66 5.70 -3.35
V_A_10_SYNC_DSASP 323832	73.44 -6.29 0.00	76.10 -6.43 0.00	72.15 -6.25 0.00	70.73 -6.21 0.00	64.47 -5.36 0.00	59.25 -4.21 0.00	72.60 -5.63 0.00	82.10 -7.76 0.00	80.55 -7.73 0.00	81.94 -8.05 0.00	96.64 -10.39 -0.54	107.14 -10.89 -0.32	99.93 -10.17 -0.64	85.94 -7.47 -1.55	39.05 -3.50 -3.43	88.26 -7.89 -1.08	113.72 -10.34 -0.51	409.09 -33.86 0.00	122.12 -10.75 0.00	73.88 -7.21 -0.60	75.80 -7.16 -1.37	37.52 -3.17 -9.63	89.23 -8.90 -0.48	90.65 -8.12 -0.15
V_CMM_10_SYNC_DSASP 323787	78.77 -0.95 0.00	81.70 -0.83 0.00	77.58 -0.82 0.00	76.08 -0.86 0.00	69.06 -0.77 0.00	62.93 -0.54 0.00	77.36 -0.87 0.00	88.67 -1.18 0.00	86.54 -1.75 0.00	88.29 -1.70 0.00	104.19 -2.29 0.00	114.70 -3.01 0.00	106.94 -2.53 0.00	89.39 -2.46 0.00	38.11 -1.01 0.00	92.90 -2.17 0.00	121.08 -2.46 0.00	436.09 -6.87 0.00	130.31 -2.57 0.00	78.86 -1.62 0.00	79.40 -2.19 0.00	30.20 -0.86 0.00	95.11 -2.54 0.00	95.98 -2.63 0.00
V_CMP_10_SYNC_DSASP 323788	79.95 0.22 0.00	82.77 0.24 0.00	78.44 0.05 0.00	77.03 0.09 0.00	70.04 0.21 0.00	63.64 0.17 0.00	78.47 0.24 0.00	90.02 0.16 0.00	87.93 -0.36 0.00	89.50 -0.50 0.00	106.00 -0.48 0.00	117.00 -0.71 0.00	108.77 -0.69 0.00	90.86 -0.99 0.00	38.70 -0.41 0.00	94.13 -0.94 0.00	122.64 -0.91 0.00	440.46 -2.50 0.00	131.36 -1.52 0.00	79.34 -1.14 0.00	79.85 -1.75 0.00	30.39 -0.67 0.00	95.37 -2.29 0.00	96.03 -2.58 0.00
V_D_10_SYNC_DSASP 323841	79.21 -0.52 0.00	82.19 -0.34 0.00	78.03 -0.37 0.00	76.52 -0.42 0.00	69.48 -0.35 0.00	63.33 -0.14 0.00	77.91 -0.32 0.00	89.30 -0.56 0.00	87.10 -1.19 0.00	88.89 -1.10 0.00	104.81 -1.67 0.00	115.40 -2.32 0.00	107.56 -1.91 0.00	89.62 -2.23 0.00	38.20 -0.92 0.00	93.50 -1.57 0.00	121.91 -1.64 0.00	439.36 -3.60 0.00	131.22 -1.66 0.00	79.38 -1.10 0.00	79.86 -1.74 0.00	30.36 -0.70 0.00	95.62 -2.03 0.00	96.45 -2.17 0.00
V_E_10_SYNC_DSASP 323830	87.17 7.44 0.00	90.40 7.87 0.00	85.81 7.41 0.00	84.46 7.52 0.00	76.95 7.12 0.00	70.40 6.93 0.00	88.05 9.82 0.00	101.58 11.72 0.00	100.06 11.77 0.00	101.55 11.56 0.00	120.98 13.23 -1.27	132.71 14.25 -0.74	123.75 12.79 -1.49	106.83 11.35 -3.63	51.71 4.60 -7.99	109.14 11.56 -2.51	140.24 15.50 -1.19	500.09 57.13 0.00	148.79 15.91 0.00	90.93 9.04 -1.41	93.83 9.04 -3.19	57.07 3.13 -22.88	108.97 9.79 -1.52	108.44 9.38 -0.45
V_F_30_NSYNC__DSASP 323816	84.90 5.18 0.00	87.67 5.14 0.00	83.29 4.89 0.00	81.79 4.85 0.00	74.28 4.45 0.00	67.55 4.08 0.00	83.65 5.43 0.00	96.14 6.28 0.00	94.68 6.40 0.00	96.29 6.29 0.00	113.15 7.32 0.65	125.91 8.57 0.38	116.43 7.73 0.76	96.34 6.34 1.86	37.73 2.70 4.09	100.64 6.86 1.29	131.97 9.04 0.61	473.48 30.52 0.00	142.39 9.52 0.00	85.60 5.84 0.72	86.43 6.47 1.63	132.15 2.43 -98.65	118.48 7.42 -13.41	109.76 7.33 -3.82

V_F_30_SYNC_DSASP 323786	83.55 3.82 0.00	86.30 3.78 0.00	82.07 3.67 0.00	80.60 3.66 0.00	73.04 3.21 0.00	65.89 2.43 0.00	81.07 2.84 0.00	93.06 3.20 0.00	91.71 3.42 0.00	93.42 3.43 0.00	109.16 3.65 0.96	121.62 4.46 0.56	112.42 4.08 1.13	92.34 3.25 2.75	34.59 1.54 6.07	96.67 3.50 1.91	126.87 4.23 0.91	456.28 13.32 0.00	137.64 4.76 0.00	81.92 2.51 1.07	82.19 3.02 2.42	119.25 1.30 -86.89	111.81 4.68 -9.48	106.20 4.80 -2.79
V_XM_10_SYNC_DSASP 323789	79.95 0.22 0.00	82.77 0.24 0.00	78.44 0.05 0.00	77.03 0.09 0.00	70.04 0.21 0.00	63.64 0.17 0.00	78.47 0.24 0.00	90.02 0.16 0.00	87.93 -0.36 0.00	89.50 -0.50 0.00	106.00 -0.48 0.00	117.00 -0.71 0.00	108.77 -0.69 0.00	90.86 -0.99 0.00	38.70 -0.41 0.00	94.13 -0.94 0.00	122.64 -0.91 0.00	440.46 -2.50 0.00	131.36 -1.52 0.00	79.34 -1.14 0.00	79.85 -1.75 0.00	30.39 -0.67 0.00	95.37 -2.29 0.00	96.03 -2.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	84.38 4.65 0.00	87.01 4.48 0.00	82.63 4.23 0.00	81.14 4.20 0.00	73.63 3.81 0.00	66.74 3.27 0.00	82.70 4.47 0.00	95.63 5.78 0.00	94.70 6.42 0.00	96.99 7.00 0.00	129.79 9.18 -14.13	136.36 10.37 -8.27	135.58 9.58 -16.53	140.34 8.15 -40.34	131.41 3.43 -88.86	131.12 8.13 -27.92	146.90 10.08 -13.27	475.90 32.94 0.00	143.48 10.60 0.00	102.73 6.58 -15.67	124.21 7.15 -35.46	121.11 2.77 -87.27	110.10 8.70 -3.75	107.91 8.33 -0.96
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	84.93 5.20 0.00	87.59 5.06 0.00	83.18 4.78 0.00	81.69 4.74 0.00	74.16 4.34 0.00	67.19 3.72 0.00	83.26 5.03 0.00	96.34 6.49 0.00	95.47 7.18 0.00	97.83 7.84 0.00	131.87 10.36 -15.03	138.12 11.61 -8.80	137.88 10.83 -17.58	143.90 9.15 -42.91	137.54 3.90 -94.53	134.08 9.31 -29.70	149.04 11.37 -14.12	479.67 36.71 0.00	144.57 11.70 0.00	104.56 7.41 -16.66	127.19 7.87 -37.72	125.48 3.06 -91.37	111.17 9.61 -3.91	108.71 9.10 -1.00
W50THST__13_KV_LOAD 356117	85.14 5.41 0.00	87.83 5.30 0.00	83.42 5.02 0.00	81.95 5.00 0.00	74.37 4.55 0.00	67.40 3.94 0.00	83.54 5.31 0.00	96.73 6.88 0.00	95.89 7.60 0.00	98.31 8.31 0.00	132.51 11.00 -15.03	138.85 12.33 -8.80	138.60 11.55 -17.58	144.55 9.79 -42.91	137.80 4.16 -94.53	134.73 9.96 -29.70	149.86 12.20 -14.12	482.42 39.46 0.00	145.31 12.43 0.00	104.96 7.81 -16.66	127.57 8.25 -37.72	125.61 3.19 -91.37	111.56 10.00 -3.91	109.07 9.46 -1.00
WADING RIVER_IC_1 23522	87.14 7.41 0.00	89.70 7.17 0.00	84.81 6.42 0.00	83.11 6.16 0.00	75.71 5.88 0.00	68.78 5.31 0.00	85.97 7.74 0.00	98.73 8.88 0.00	99.55 11.27 0.00	102.17 12.18 0.00	140.16 15.67 -18.01	148.28 17.54 -13.02	150.64 16.59 -24.59	160.28 14.22 -54.21	149.53 6.01 -104.39	147.29 14.55 -37.67	155.20 18.09 -13.57	495.81 52.34 -0.51	209.12 19.32 -56.92	287.76 11.91 -195.37	230.93 11.66 -137.67	253.97 4.65 -218.26	116.37 14.33 -4.38	112.62 13.01 -1.00
WADING RIVER_IC_2 23547	87.14 7.41 0.00	89.70 7.17 0.00	84.81 6.42 0.00	83.11 6.16 0.00	75.71 5.88 0.00	68.78 5.31 0.00	85.97 7.74 0.00	98.73 8.88 0.00	99.55 11.27 0.00	102.17 12.18 0.00	140.16 15.67 -18.01	148.28 17.54 -13.02	150.64 16.59 -24.59	160.28 14.22 -54.21	149.53 6.01 -104.39	147.29 14.55 -37.67	155.20 18.09 -13.57	495.81 52.34 -0.51	209.12 19.32 -56.92	287.76 11.91 -195.37	230.93 11.66 -137.67	253.97 4.65 -218.26	116.37 14.33 -4.38	112.62 13.01 -1.00
WADING RIVER_IC_3 23601	87.14 7.41 0.00	89.70 7.17 0.00	84.81 6.42 0.00	83.11 6.16 0.00	75.71 5.88 0.00	68.78 5.31 0.00	85.97 7.74 0.00	98.73 8.88 0.00	99.55 11.27 0.00	102.17 12.18 0.00	140.16 15.67 -18.01	148.28 17.54 -13.02	150.64 16.59 -24.59	160.28 14.22 -54.21	149.53 6.01 -104.39	147.29 14.55 -37.67	155.20 18.09 -13.57	495.81 52.34 -0.51	209.12 19.32 -56.92	287.76 11.91 -195.37	230.93 11.66 -137.67	253.97 4.65 -218.26	116.37 14.33 -4.38	112.62 13.01 -1.00
WALDENNY_12_KV_BK2 80841	75.04 -4.69 0.00	77.79 -4.74 0.00	73.69 -4.71 0.00	72.23 -4.71 0.00	65.87 -3.96 0.00	60.69 -2.78 0.00	74.16 -4.07 0.00	83.80 -6.05 0.00	82.27 -6.02 0.00	83.76 -6.23 0.00	98.83 -8.31 -0.66	109.60 -8.50 -0.39	102.21 -8.03 -0.77	88.30 -5.44 -1.89	40.47 -2.81 -4.16	90.45 -5.93 -1.31	116.39 -7.77 -0.62	418.47 -24.49 0.00	124.84 -8.03 0.00	75.57 -5.64 -0.73	77.65 -5.60 -1.66	39.96 -2.72 -11.62	91.07 -7.17 -0.59	92.43 -6.36 -0.18
WALDEN__HYDRO 24148	84.90 5.17 0.00	87.58 5.05 0.00	83.12 4.72 0.00	81.62 4.68 0.00	74.09 4.26 0.00	67.23 3.76 0.00	83.34 5.12 0.00	96.22 6.37 0.00	95.20 6.91 0.00	97.40 7.41 0.00	129.64 9.58 -13.58	136.55 10.88 -7.95	135.44 10.09 -15.88	139.21 8.60 -38.76	128.13 3.62 -85.39	130.61 8.71 -26.83	147.29 10.99 -12.75	480.23 37.27 0.00	144.67 11.79 0.00	102.86 7.33 -15.05	123.50 7.83 -34.07	120.34 2.99 -86.29	110.74 9.29 -3.80	108.51 8.91 -0.99
WARRENSBURG____ 23737	85.79 6.06 0.00	88.43 5.91 0.00	84.07 5.67 0.00	82.59 5.65 0.00	75.11 5.28 0.00	68.40 4.93 0.00	84.97 6.75 0.00	97.67 7.81 0.00	96.22 7.93 0.00	97.88 7.89 0.00	114.92 9.16 0.72	128.01 10.71 0.42	118.06 9.44 0.84	97.54 7.74 2.06	37.83 3.25 4.54	102.01 8.36 1.42	134.25 11.38 0.68	481.82 38.86 0.00	144.88 12.00 0.00	87.08 7.40 0.80	87.91 8.13 1.81	133.40 3.03 -99.31	120.49 9.18 -13.66	111.40 8.90 -3.89
WATERSIDE____6 8 9 23538	85.09 5.53 0.17	87.94 5.41 0.00	83.41 5.01 0.00	81.89 4.95 0.00	74.34 4.51 0.00	65.56 3.94 1.85	83.21 5.30 0.32	94.92 6.78 1.71	65.56 7.47 30.20	91.69 8.11 6.41	125.77 10.81 -8.48	138.50 12.04 -8.75	138.33 11.27 -17.60	144.48 9.47 -43.16	137.84 4.04 -94.68	134.47 9.68 -29.72	149.36 11.69 -14.13	480.61 37.81 0.16	144.74 12.13 0.27	104.85 7.77 -16.59	124.40 8.25 -34.55	116.90 3.21 -82.63	111.60 10.10 -3.85	109.18 9.57 -1.00
WATKINRD_115KV_LN8_ILLION 55919	81.55 1.82 0.00	84.32 1.79 0.00	80.07 1.67 0.00	78.61 1.67 0.00	71.38 1.55 0.00	64.82 1.36 0.00	79.99 1.77 0.00	92.04 2.19 0.00	90.68 2.40 0.00	92.24 2.25 0.00	109.08 2.59 0.00	120.79 3.07 0.00	112.09 2.63 0.00	94.12 2.27 0.00	40.07 0.95 0.00	97.36 2.29 0.00	126.55 3.00 0.00	453.04 10.08 0.00	136.23 3.36 0.00	82.51 2.03 0.00	83.94 2.35 0.00	31.94 0.88 0.00	100.33 2.68 0.00	101.18 2.57 0.00
WATSON__69_KV_BK 1 55734	87.55 7.82 0.00	90.15 7.62 0.00	85.29 6.89 0.00	83.60 6.66 0.00	76.16 6.33 0.00	69.06 5.59 0.00	86.14 7.91 0.00	99.50 9.65 0.00	99.31 11.02 0.00	101.88 11.89 0.00	139.77 15.28 -18.01	147.90 17.16 -13.02	150.19 16.13 -24.59	159.84 13.78 -54.21	149.33 5.82 -104.39	146.74 14.00 -37.67	154.66 17.47 -13.64	496.39 52.66 -0.78	208.61 18.82 -56.92	287.44 11.59 -195.37	231.09 11.82 -137.67	253.94 4.62 -218.26	116.48 14.44 -4.38	113.21 13.60 -1.00
WDELAWARE__HYD 323627	84.51 4.79 0.00	87.23 4.70 0.00	82.77 4.37 0.00	81.29 4.34 0.00	73.81 3.98 0.00	67.06 3.59 0.00	83.27 5.04 0.00	96.07 6.21 0.00	95.04 6.76 0.00	97.20 7.21 0.00	126.93 9.25 -11.20	134.71 10.44 -6.56	132.30 9.73 -13.11	132.15 8.32 -31.98	113.01 3.43 -70.46	125.61 8.40 -22.14	145.01 10.94 -10.52	481.70 38.75 0.00	145.06 12.18 0.00	100.41 7.50 -12.42	117.68 7.97 -28.12	112.18 2.96 -78.17	110.34 9.06 -3.63	108.17 8.59 -0.97

WEST BABYLON___IC 23714	87.13 7.40 0.00	89.75 7.22 0.00	84.97 6.57 0.00	83.31 6.36 0.00	75.87 6.04 0.00	68.76 5.29 0.00	85.69 7.46 0.00	99.06 9.20 0.00	98.75 10.46 0.00	101.27 11.28 0.00	139.01 14.52 -18.01	147.01 16.27 -13.02	149.31 15.25 -24.59	159.08 13.02 -54.21	149.03 5.51 -104.39	145.95 13.21 -37.67	153.83 16.48 -13.80	494.45 50.28 -1.22	207.51 17.72 -56.92	286.86 11.00 -195.37	230.53 11.26 -137.67	253.73 4.41 -218.26	115.81 13.78 -4.38	112.60 12.99 -1.00
WEST CANADA___HYD 24049	80.37 0.64 0.00	83.18 0.66 0.00	79.02 0.62 0.00	77.56 0.61 0.00	70.38 0.55 0.00	63.91 0.44 0.00	78.78 0.55 0.00	90.50 0.64 0.00	89.02 0.74 0.00	90.72 0.73 0.00	107.46 0.98 0.00	118.90 1.19 0.00	110.55 1.09 0.00	92.77 0.92 0.00	39.50 0.38 0.00	95.89 0.82 0.00	124.50 0.96 0.00	446.01 3.05 0.00	133.91 1.04 0.00	81.08 0.60 0.00	82.33 0.73 0.00	31.37 0.31 0.00	98.60 0.95 0.00	99.53 0.92 0.00
WESTERN_NY_WIND 24143	75.62 -4.11 0.00	78.42 -4.11 0.00	74.33 -4.06 0.00	72.87 -4.07 0.00	66.48 -3.35 0.00	61.30 -2.16 0.00	75.25 -2.98 0.00	85.34 -4.52 0.00	83.86 -4.43 0.00	85.33 -4.66 0.00	100.64 -6.40 -0.57	111.61 -6.44 -0.33	104.13 -6.00 -0.66	89.35 -4.11 -1.62	40.49 -2.19 -3.56	91.78 -4.41 -1.12	118.50 -5.57 -0.53	427.14 -15.82 0.00	127.56 -5.31 0.00	77.11 -4.00 -0.63	78.99 -4.03 -1.42	38.90 -2.16 -10.00	92.51 -5.64 -0.50	93.76 -5.01 -0.15
WESTOVER___LESR 323668	79.49 -0.23 0.00	82.26 -0.27 0.00	78.13 -0.27 0.00	76.66 -0.28 0.00	69.70 -0.13 0.00	63.45 -0.02 0.00	78.45 0.22 0.00	90.10 0.24 0.00	88.99 0.70 0.00	90.64 0.65 0.00	108.76 0.96 -1.32	119.56 1.08 -0.77	111.79 0.78 -1.54	96.96 1.35 -3.76	47.69 0.30 -8.28	98.58 0.91 -2.60	125.93 1.14 -1.24	446.41 3.45 0.00	133.73 0.85 0.00	82.26 0.31 -1.46	85.47 0.57 -3.31	54.09 0.08 -22.96	99.51 0.61 -1.25	99.41 0.41 -0.38
WETHRSFD_WT_PWR 323626	75.72 -4.01 0.00	78.38 -4.15 0.00	74.35 -4.05 0.00	72.89 -4.05 0.00	66.43 -3.40 0.00	61.07 -2.40 0.00	74.83 -3.40 0.00	84.89 -4.96 0.00	83.50 -4.78 0.00	84.95 -5.04 0.00	100.50 -6.74 -0.75	111.14 -7.01 -0.44	103.59 -6.76 -0.88	89.62 -4.38 -2.15	41.64 -2.22 -4.74	91.61 -4.95 -1.49	117.81 -6.45 -0.71	421.66 -21.30 0.00	125.91 -6.96 0.00	76.43 -4.89 -0.84	78.67 -4.82 -1.89	42.03 -2.25 -13.22	92.19 -6.14 -0.68	93.04 -5.78 -0.21
WHAVSTOR_138KV_BK127 55557	84.08 4.35 0.00	86.73 4.20 0.00	82.34 3.94 0.00	80.87 3.93 0.00	73.38 3.55 0.00	66.50 3.03 0.00	82.39 4.16 0.00	95.23 5.38 0.00	94.29 6.00 0.00	96.55 6.56 0.00	129.32 8.68 -14.16	135.79 9.79 -8.28	135.08 9.05 -16.56	139.98 7.71 -40.42	131.40 3.24 -89.04	130.71 7.65 -27.98	146.33 9.49 -13.30	473.69 30.73 0.00	142.83 9.95 0.00	102.40 6.22 -15.70	123.89 6.76 -35.53	121.10 2.63 -87.40	109.69 8.28 -3.76	107.51 7.93 -0.97
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	84.08 4.35 0.00	86.73 4.20 0.00	82.34 3.94 0.00	80.87 3.93 0.00	73.38 3.55 0.00	66.50 3.03 0.00	82.39 4.16 0.00	95.23 5.38 0.00	94.29 6.00 0.00	96.55 6.56 0.00	129.32 8.68 -14.16	135.79 9.79 -8.28	135.08 9.05 -16.56	139.98 7.71 -40.42	131.40 3.24 -89.04	130.71 7.65 -27.98	146.33 9.49 -13.30	473.69 30.73 0.00	142.83 9.95 0.00	102.40 6.22 -15.70	123.89 6.76 -35.53	121.10 2.63 -87.40	109.69 8.28 -3.76	107.51 7.93 -0.97
WHITEHAL_115KV_TB1 80871	87.21 7.49 0.00	89.48 6.95 0.00	85.16 6.77 0.00	83.78 6.83 0.00	76.53 6.70 0.00	69.95 6.48 0.00	87.56 9.33 0.00	100.18 10.32 0.00	98.74 10.45 0.00	100.32 10.33 0.00	118.04 12.25 0.69	132.00 14.69 0.40	121.01 12.35 0.81	99.81 9.94 1.97	38.94 4.17 4.35	104.24 10.53 1.37	137.62 14.72 0.65	491.78 48.82 0.00	147.86 14.99 0.00	89.51 9.79 0.77	91.09 11.23 1.74	134.29 4.19 -99.04	124.04 12.84 -13.55	114.56 12.09 -3.86
WHITEPLN_13_KV_LOAD 356215	85.56 5.83 0.00	88.22 5.69 0.00	83.73 5.33 0.00	82.20 5.25 0.00	74.62 4.79 0.00	67.66 4.19 0.00	83.93 5.70 0.00	97.11 7.25 0.00	96.21 7.93 0.00	98.52 8.53 0.00	132.54 11.07 -14.98	138.94 12.46 -8.77	138.65 11.65 -17.53	144.49 9.86 -42.78	137.53 4.17 -94.24	134.66 9.97 -29.61	150.04 12.41 -14.07	484.15 41.20 0.00	145.86 12.98 0.00	105.21 8.11 -16.61	127.83 8.63 -37.61	125.53 3.31 -91.16	111.85 10.29 -3.90	109.50 9.89 -1.00
WM_FLOYD_69_KV_BK2 356380	87.06 7.33 0.00	89.64 7.11 0.00	84.76 6.37 0.00	83.04 6.09 0.00	75.66 5.83 0.00	68.67 5.20 0.00	85.80 7.56 0.00	98.83 8.98 0.00	99.17 10.88 0.00	101.77 11.78 0.00	139.67 15.18 -18.01	147.75 17.01 -13.02	150.13 16.07 -24.59	159.82 13.76 -54.21	149.34 5.83 -104.39	146.83 14.09 -37.67	154.59 17.47 -13.57	494.22 50.74 -0.53	208.42 18.63 -56.92	287.36 11.51 -195.37	230.74 11.47 -137.67	253.89 4.57 -218.26	116.16 14.13 -4.38	112.65 13.04 -1.00
WOODARD__115KV_TB2 355635	78.07 -1.66 0.00	80.79 -1.74 0.00	76.71 -1.69 0.00	75.29 -1.65 0.00	68.41 -1.41 0.00	62.31 -1.16 0.00	77.34 -0.88 0.00	88.97 -0.88 0.00	87.66 -0.63 0.00	89.30 -0.70 0.00	105.94 -0.89 -0.35	117.03 -0.89 -0.21	108.94 -0.94 -0.42	92.44 -0.43 -1.01	41.09 -0.26 -2.23	95.17 -0.60 -0.70	123.23 -0.65 -0.33	441.01 -1.95 0.00	132.25 -0.63 0.00	80.30 -0.57 -0.39	82.01 -0.48 -0.89	36.45 -0.28 -5.67	96.68 -0.99 -0.02	97.56 -1.07 -0.02
YORK___WARBASSE 23770	86.67 6.12 -0.82	88.55 6.02 0.00	83.92 5.53 0.00	82.40 5.45 0.00	74.81 4.99 0.00	76.91 4.36 -9.08	85.57 5.77 -1.57	105.58 7.32 -8.40	244.60 8.00 -148.31	131.27 8.57 -32.71	177.91 11.54 -59.89	147.88 12.72 -17.45	150.91 11.83 -29.62	153.07 10.01 -51.21	146.50 4.26 -103.12	144.51 10.24 -39.20	159.21 12.35 -23.31	488.41 40.61 -4.84	156.61 13.08 -10.65	130.24 8.36 -41.39	165.09 8.89 -74.61	168.88 3.43 -134.40	112.68 10.78 -4.24	109.78 10.17 -1.00