

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/07/2024

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.54	33.27	25.79	29.43	28.09	28.28	31.65	27.21	23.78	23.91	25.42	29.07	37.61	43.67	45.23	46.61	52.68	120.95	698.02	103.19	96.83	74.22	43.15	33.72
24138	3.04	2.95	2.23	2.30	2.18	2.06	2.14	1.86	1.88	2.10	2.28	2.77	3.63	4.30	4.35	4.43	4.87	11.19	58.72	8.20	7.19	4.19	3.62	2.91
	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	-3.72	-21.15	0.00	0.00
74TH STREET_GT_1	33.65	33.39	25.90	29.54	28.21	28.41	31.80	27.32	23.88	23.99	25.50	29.21	37.78	43.90	45.43	46.82	52.93	121.49	701.29	103.71	97.29	74.48	43.36	33.85
24260	3.16	3.07	2.34	2.41	2.30	2.18	2.29	1.97	1.97	2.19	2.36	2.91	3.81	4.53	4.54	4.64	5.12	11.73	61.99	8.71	7.66	4.45	3.83	3.04
	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	-3.72	-21.15	0.00	0.00
74TH STREET_GT_2	33.65	33.39	25.90	29.54	28.21	28.41	31.80	27.32	23.88	23.99	25.50	29.21	37.78	43.90	45.43	46.82	52.93	121.49	701.29	103.71	97.29	74.48	43.36	33.85
24261	3.16	3.07	2.34	2.41	2.30	2.18	2.29	1.97	1.97	2.19	2.36	2.91	3.81	4.53	4.54	4.64	5.12	11.73	61.99	8.71	7.66	4.45	3.83	3.04
	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	-3.72	-21.15	0.00	0.00
ADK HUDSON___FALLS	33.06	32.69	25.17	28.96	27.77	28.08	31.46	27.01	23.17	23.05	24.34	27.84	35.98	41.81	43.54	44.90	51.24	118.47	696.45	103.72	135.21	289.02	42.77	33.11
24011	2.56	2.37	1.62	1.84	1.86	1.86	1.95	1.66	1.27	1.24	1.20	1.55	2.01	2.44	2.65	2.72	3.43	8.70	57.14	8.72	7.78	4.29	3.25	2.30
	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	-41.52	-235.85	0.00	0.00
ADK RESOURCE___RCVRY	33.38	32.96	25.26	29.08	27.95	28.26	31.66	27.22	23.29	23.15	24.47	28.01	36.18	42.10	43.89	45.23	51.77	119.86	704.61	104.90	136.35	290.71	43.13	33.34
23798	2.88	2.64	1.70	1.95	2.04	2.04	2.15	1.87	1.39	1.35	1.32	1.72	2.20	2.73	3.00	3.05	3.96	10.10	65.31	9.91	8.71	4.79	3.60	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-41.73	-237.04	0.00	0.00
ADK S GLENS___FALLS	33.06	32.69	25.17	28.96	27.77	28.08	31.46	27.01	23.17	23.05	24.34	27.84	35.98	41.81	43.54	44.90	51.24	118.47	696.45	103.72	135.21	289.02	42.77	33.11
24028	2.56	2.37	1.62	1.84	1.86	1.86	1.95	1.66	1.27	1.24	1.20	1.55	2.01	2.44	2.65	2.72	3.43	8.70	57.14	8.72	7.78	4.29	3.25	2.30
	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	-41.52	-235.85	0.00	0.00
ADK_NYS___DAM	32.57	32.45	25.17	28.98	27.74	28.02	31.33	26.79	23.05	22.83	24.04	27.41	35.42	41.18	42.78	44.09	49.79	114.99	674.14	100.44	121.27	222.27	41.93	32.61
23527	2.07	2.13	1.61	1.85	1.83	1.80	1.83	1.44	1.14	1.03	0.89	1.11	1.44	1.81	1.89	1.92	1.98	5.22	34.84	5.44	5.37	3.05	2.40	1.81
	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	-29.99	-170.33	0.00	0.00
AIR_PRODUCTS___DRP	31.39	31.19	24.44	28.07	26.85	27.13	30.37	26.03	22.46	22.25	23.56	26.83	34.67	40.32	41.86	43.18	48.90	112.39	655.32	97.36	109.89	174.30	40.50	31.52
24190	0.89	0.87	0.88	0.95	0.94	0.91	0.86	0.69	0.55	0.45	0.42	0.53	0.69	0.95	0.98	1.00	1.09	2.62	16.02	2.36	2.11	1.19	0.97	0.71
	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	-21.87	-124.24	0.00	0.00
AKWESSNE_115KV_BK	29.60	29.48	22.87	26.42	25.26	25.61	29.00	25.10	21.61	21.44	22.78	25.67	33.01	38.14	39.64	40.87	46.38	106.61	621.99	92.81	83.87	47.68	38.45	29.99
355683	-0.90	-0.84	-0.69	-0.71	-0.66	-0.62	-0.50	-0.25	-0.30	-0.36	-0.36	-0.63	-0.97	-1.22	-1.25	-1.31	-1.43	-3.15	-17.31	-2.18	-2.04	-1.20	-1.09	-0.81
	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	32.02	31.78	24.82	28.56	27.30	27.57	30.81	26.24	22.52	22.30	23.58	26.88	34.80	40.64	42.05	43.57	49.32	113.42	664.67	99.17	106.36	144.55	41.29	32.12
323833	1.52	1.46	1.27	1.43	1.39	1.35	1.31	0.89	0.62	0.49	0.44	0.59	0.82	1.27	1.17	1.39	1.50	3.66	25.37	4.17	3.99	2.17	1.76	1.32
	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	-16.46	-93.49	0.00	0.00
ALBANY_2_SOLAR	32.01	31.76	24.81	28.55	27.30	27.56	30.81	26.23	22.52	22.30	23.58	26.88	34.79	40.63	42.04	43.56	49.30	113.36	664.26	99.12	106.28	144.51	41.28	32.11
323834	1.52	1.44	1.26	1.43	1.39	1.34	1.30	0.89	0.62	0.49	0.44	0.58	0.81	1.26	1.16	1.38	1.49	3.60	24.96	4.13	3.92	2.16	1.75	1.31
	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	-16.45	-93.46	0.00	0.00
ALBANY___1	31.39	31.19	24.44	28.07	26.85	27.13	30.37	26.03	22.46	22.25	23.56	26.83	34.67	40.32	41.86	43.18	48.90	112.39	655.32	97.36	109.89	174.30	40.50	31.52
23571	0.89	0.87	0.88	0.95	0.94	0.91	0.86	0.69	0.55	0.45	0.42	0.53	0.69	0.95	0.98	1.00	1.09	2.62	16.02	2.36	2.11	1.19	0.97	0.71
	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	-21.87	-124.24	0.00	0.00

ALBANY___2 23572	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.85 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.39 2.62 0.00	655.32 16.02 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.52 0.71 0.00
ALBANY___3 23573	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.85 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.39 2.62 0.00	655.32 16.02 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.52 0.71 0.00
ALBANY___4 23574	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.85 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.39 2.62 0.00	655.32 16.02 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.52 0.71 0.00
ALBANY___LFGE 323615	31.77 1.27 0.00	31.55 1.23 0.00	24.68 1.12 0.00	28.34 1.22 0.00	27.10 1.19 0.00	27.39 1.16 0.00	30.65 1.14 0.00	26.27 0.93 0.00	22.68 0.77 0.00	22.49 0.69 0.00	23.83 0.69 0.00	27.16 0.86 0.00	35.11 1.13 0.00	40.85 1.48 0.00	42.43 1.54 0.00	43.77 1.59 0.00	49.58 1.77 0.00	114.02 4.26 0.00	664.67 25.37 0.00	98.71 3.71 0.00	116.86 3.32 -27.63	207.68 1.86 -156.93	41.02 1.49 0.00	31.90 1.10 0.00
ALCOA_PA_115KV_PL-6C 55860	29.50 -1.00 0.00	29.36 -0.96 0.00	22.77 -0.79 0.00	26.31 -0.82 0.00	25.16 -0.75 0.00	25.53 -0.69 0.00	28.92 -0.59 0.00	25.02 -0.33 0.00	21.54 -0.37 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.57 -0.73 0.00	32.88 -1.09 0.00	38.00 -1.37 0.00	39.48 -1.40 0.00	40.70 -1.48 0.00	46.20 -1.61 0.00	106.28 -3.49 0.00	620.17 -19.13 0.00	92.66 -2.34 0.00	83.79 -2.12 0.00	47.63 -1.26 0.00	38.41 -1.12 0.00	29.96 -0.85 0.00
ALCOA_RYNLDS___DRP 24188	29.50 -1.00 0.00	29.36 -0.96 0.00	22.77 -0.79 0.00	26.31 -0.82 0.00	25.16 -0.75 0.00	25.53 -0.69 0.00	28.92 -0.59 0.00	25.02 -0.33 0.00	21.54 -0.37 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.57 -0.73 0.00	32.88 -1.09 0.00	38.00 -1.37 0.00	39.48 -1.40 0.00	40.70 -1.48 0.00	46.20 -1.61 0.00	106.28 -3.49 0.00	620.17 -19.13 0.00	92.66 -2.34 0.00	83.79 -2.12 0.00	47.63 -1.26 0.00	38.41 -1.12 0.00	29.96 -0.85 0.00
ALCOA___DSASP 323711	29.50 -1.00 0.00	29.36 -0.96 0.00	22.77 -0.79 0.00	26.31 -0.81 0.00	25.16 -0.75 0.00	25.53 -0.69 0.00	28.92 -0.59 0.00	25.02 -0.33 0.00	21.54 -0.37 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.57 -0.73 0.00	32.88 -1.09 0.00	38.00 -1.37 0.00	39.48 -1.40 0.00	40.70 -1.48 0.00	46.20 -1.61 0.00	106.27 -3.49 0.00	620.17 -19.13 0.00	92.66 -2.34 0.00	83.79 -2.11 0.00	47.63 -1.26 0.00	38.41 -1.12 0.00	29.96 -0.85 0.00
ALLEGHENY___COGEN 23514	31.36 0.86 0.00	31.01 0.70 0.00	24.02 0.46 0.00	27.64 0.51 0.00	26.29 0.38 0.00	26.44 0.22 0.00	29.62 0.11 0.00	25.10 -0.25 0.00	21.86 -0.04 0.00	21.81 0.00 0.00	23.36 0.22 0.00	26.78 0.48 0.00	34.64 0.66 0.00	40.07 0.71 0.00	40.91 0.03 0.00	42.11 -0.07 0.00	47.88 0.06 0.00	109.78 0.02 0.00	637.47 -1.83 0.00	94.73 -0.27 0.00	87.06 1.15 0.00	49.78 0.89 0.00	40.93 1.40 0.00	32.15 1.34 0.00
ALTAMONT_115KV_TB 2 55880	31.66 1.16 0.00	31.44 1.12 0.00	24.50 0.94 0.00	28.16 1.04 0.00	26.92 1.01 0.00	27.21 0.99 0.00	30.48 0.98 0.00	26.10 0.75 0.00	22.54 0.64 0.00	22.42 0.62 0.00	23.75 0.60 0.00	27.08 0.78 0.00	35.02 1.04 0.00	40.69 1.32 0.00	42.23 1.34 0.00	43.58 1.40 0.00	49.35 1.54 0.00	113.31 3.55 0.00	660.49 21.19 0.00	98.17 3.17 0.00	106.38 2.90 -17.56	150.29 1.65 -99.75	40.92 1.39 0.00	31.85 1.04 0.00
ALTONA_WT_PWR 323606	30.27 -0.22 0.00	29.93 -0.39 0.00	22.98 -0.58 0.00	26.56 -0.57 0.00	25.36 -0.55 0.00	25.77 -0.45 0.00	29.26 -0.25 0.00	25.45 0.10 0.00	21.98 0.07 0.00	21.73 -0.07 0.00	23.09 -0.06 0.00	26.11 -0.19 0.00	33.59 -0.39 0.00	38.97 -0.40 0.00	40.47 -0.41 0.00	41.77 -0.41 0.00	47.40 -0.41 0.00	108.67 -1.09 0.00	634.79 -4.51 0.00	95.00 0.00 0.00	86.05 0.14 0.00	48.97 0.09 0.00	39.34 -0.19 0.00	30.46 -0.34 0.00
AMERICAN_REF_FUEL 24010	28.91 -1.58 0.00	28.78 -1.54 0.00	22.45 -1.10 0.00	25.84 -1.29 0.00	24.70 -1.21 0.00	24.82 -1.40 0.00	27.65 -1.86 0.00	23.27 -2.08 0.00	20.47 -1.43 0.00	20.32 -1.49 0.00	21.71 -1.44 0.00	24.78 -1.52 0.00	32.15 -1.83 0.00	37.25 -2.12 0.00	38.60 -2.28 0.00	40.07 -2.11 0.00	45.60 -2.21 0.00	103.11 -6.65 0.00	601.01 -38.73 -0.44	88.86 -6.13 0.00	80.41 -5.50 0.00	45.96 -2.92 0.00	37.20 -2.33 0.00	29.49 -1.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.94 -0.56 0.00	29.77 -0.55 0.00	23.30 -0.26 0.00	26.79 -0.34 0.00	25.68 -0.23 0.00	25.82 -0.41 0.00	28.82 -0.69 0.00	24.48 -0.87 0.00	21.69 -0.22 0.00	21.68 -0.12 0.00	23.21 0.07 0.00	26.65 0.35 0.00	34.69 0.71 0.00	39.92 0.55 0.00	41.37 0.48 0.00	42.67 0.50 0.00	48.57 0.76 0.00	111.23 1.47 0.00	648.36 8.48 -0.58	94.81 -0.18 0.00	86.29 0.39 0.00	49.00 0.11 0.00	39.54 0.01 0.00	31.14 0.33 0.00
ARTHUR KILL_GT_1 23520	33.42 2.92 0.00	33.12 2.80 0.00	25.69 2.13 0.00	29.29 2.17 0.00	27.96 2.05 0.00	28.15 1.93 0.00	31.51 2.01 0.00	27.08 1.74 0.00	23.65 1.74 0.00	23.75 1.95 0.00	31.72 2.06 -6.52	35.39 2.54 -6.55	37.63 3.32 -0.33	40.63 3.96 2.70	40.42 3.94 4.41	41.06 4.06 5.18	42.15 4.42 10.08	110.36 10.17 9.57	665.32 51.39 25.37	101.73 7.49 0.75	92.04 6.18 0.06	66.43 3.61 -13.93	39.08 3.31 3.77	33.61 2.80 -0.01
ARTHUR_KILL_2 23512	33.28 2.78 0.00	32.99 2.67 0.00	25.60 2.04 0.00	29.18 2.06 0.00	27.85 1.94 0.00	28.05 1.83 0.00	31.39 1.89 0.00	26.98 1.64 0.00	23.56 1.66 0.00	23.66 1.86 0.00	31.63 1.96 -6.52	35.27 2.42 -6.55	37.49 3.18 -0.33	40.45 3.78 2.70	40.25 3.76 4.41	40.86 3.86 5.18	41.93 4.20 10.08	109.82 9.63 9.57	662.20 48.27 25.37	101.27 7.02 0.75	91.61 5.76 0.06	66.18 3.36 -13.93	38.89 3.13 3.77	33.47 2.66 -0.01
ARTHUR_KILL_3 23513	33.25 2.75 0.00	33.02 2.70 0.00	25.61 2.05 0.00	29.20 2.08 0.00	27.87 1.96 0.00	28.08 1.85 0.00	31.42 1.91 0.00	26.99 1.64 0.00	23.58 1.67 0.00	23.70 1.90 0.00	31.05 2.06 -5.85	35.41 2.57 -6.54	37.63 3.32 -0.33	43.31 3.94 0.00	40.54 3.88 4.22	40.92 3.91 5.17	41.98 4.25 10.08	109.92 9.73 9.58	663.84 49.92 25.38	101.20 6.96 0.76	91.50 6.06 0.48	66.19 3.56 -13.75	38.90 3.15 3.77	33.36 2.55 0.00

ARTHUR_KILL_COGEN 323718	33.42 2.92 0.00	33.12 2.80 0.00	25.69 2.13 0.00	29.29 2.17 0.00	27.96 2.05 0.00	28.15 1.93 0.00	31.51 2.01 0.00	27.08 1.74 0.00	23.65 1.74 0.00	23.75 1.95 0.00	31.72 2.06 -6.52	35.39 2.54 -6.55	37.63 3.32 -0.33	40.63 3.96 2.70	40.42 3.94 4.41	41.06 4.06 5.18	42.15 4.42 10.08	110.36 10.17 9.57	665.32 51.39 25.37	101.73 7.49 0.75	92.04 6.18 0.06	66.43 3.61 -13.93	39.08 3.31 3.77	33.61 2.80 -0.01
ASHOKAN____ 23654	33.00 2.50 0.00	32.67 2.35 0.00	25.39 1.84 0.00	29.10 1.98 0.00	27.77 1.86 0.00	28.03 1.80 0.00	31.38 1.87 0.00	26.86 1.52 0.00	23.23 1.32 0.00	23.13 1.33 0.00	24.50 1.36 0.00	28.01 1.71 0.00	36.32 2.34 0.00	42.34 2.98 0.00	44.11 3.23 0.00	45.71 3.53 0.00	51.91 4.10 0.00	119.24 9.48 0.00	700.21 60.91 0.00	103.73 8.73 0.00	105.15 7.67 -11.57	118.51 3.90 -65.73	42.79 3.26 0.00	33.14 2.34 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.23 2.73 0.00	32.96 2.65 0.00	25.63 2.07 0.00	29.16 2.04 0.00	27.87 1.96 0.00	28.07 1.84 0.00	31.37 1.86 0.00	27.02 1.68 0.00	23.65 1.74 0.00	23.78 1.98 0.00	25.24 2.10 0.00	28.84 2.55 0.01	37.25 3.27 0.00	43.26 3.89 0.00	44.77 3.89 0.00	46.18 4.00 0.00	52.19 4.38 0.00	119.72 9.96 0.00	689.07 49.77 0.00	101.97 6.97 0.00	95.69 6.05 -3.72	73.55 3.51 -21.15	42.69 3.16 0.00	33.38 2.58 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.23 2.73 0.00	32.96 2.64 0.00	25.63 2.07 0.00	29.16 2.04 0.00	27.87 1.96 0.00	28.07 1.84 0.00	31.37 1.86 0.00	27.02 1.68 0.00	23.65 1.74 0.00	23.78 1.98 0.00	25.24 2.10 0.00	28.84 2.55 0.01	37.25 3.27 0.00	43.26 3.88 0.00	44.77 3.89 0.00	46.18 4.00 0.00	52.19 4.38 0.00	119.72 9.96 0.00	689.07 49.77 0.00	101.97 6.97 0.00	95.69 6.05 -3.72	73.55 3.51 -21.15	42.69 3.16 0.00	33.38 2.58 0.00
ASTORIA_GT2_1 24094	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT2_2 24095	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT2_3 24096	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT2_4 24097	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT3_1 24098	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT3_2 24099	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT3_3 24100	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT3_4 24101	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT4_1 24102	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT4_2 24103	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT4_3 24104	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00

ASTORIA_GT4_4 24105	33.24 2.75 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.07 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.22 2.07 0.00	28.86 2.56 0.00	37.26 3.28 0.00	43.28 3.92 0.00	44.79 3.90 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.03 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA_GT_1 23523	33.32 2.83 0.00	33.05 2.74 0.00	25.69 2.13 0.00	29.24 2.11 0.00	27.93 2.02 0.00	28.13 1.91 0.00	31.44 1.93 0.00	27.09 1.75 0.00	23.71 1.80 0.00	23.84 2.04 0.00	25.31 2.17 0.00	28.92 2.63 0.01	37.35 3.38 0.00	43.39 4.02 0.00	44.92 4.03 0.00	46.34 4.16 0.00	52.36 4.55 0.00	120.12 10.36 0.00	691.39 52.09 0.00	102.29 7.29 0.00	95.97 6.33 -3.72	73.72 3.68 -21.15	42.82 3.29 0.00	33.48 2.68 0.00
ASTORIA_GT_10 24110	33.37 2.87 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.27 2.12 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.45 4.08 0.00	44.94 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.68 53.38 0.00	102.51 7.52 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.52 2.71 0.00
ASTORIA_GT_11 24225	33.37 2.87 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.27 2.12 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.45 4.08 0.00	44.94 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.68 53.38 0.00	102.51 7.52 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.52 2.71 0.00
ASTORIA_GT_12 24226	33.37 2.87 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.27 2.12 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.45 4.08 0.00	44.94 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.68 53.38 0.00	102.51 7.52 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.52 2.71 0.00
ASTORIA_GT_13 24227	33.37 2.87 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.27 2.12 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.45 4.08 0.00	44.94 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.68 53.38 0.00	102.51 7.52 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.52 2.71 0.00
ASTORIA_GT_5 24106	33.33 2.83 0.00	33.05 2.73 0.00	25.69 2.14 0.00	29.24 2.11 0.00	27.93 2.02 0.00	28.13 1.91 0.00	31.44 1.93 0.00	27.09 1.75 0.00	23.71 1.80 0.00	23.84 2.04 0.00	25.28 2.13 0.00	28.93 2.63 0.00	37.36 3.38 0.00	43.39 4.02 0.00	44.91 4.02 0.00	46.34 4.16 0.00	52.36 4.55 0.00	120.12 10.36 0.00	691.46 52.16 0.00	102.29 7.29 0.00	95.96 6.33 -3.72	73.72 3.68 -21.15	42.82 3.29 0.00	33.49 2.69 0.00
ASTORIA_GT_7 24107	33.33 2.83 0.00	33.05 2.73 0.00	25.69 2.14 0.00	29.24 2.11 0.00	27.93 2.02 0.00	28.13 1.91 0.00	31.44 1.93 0.00	27.09 1.75 0.00	23.71 1.80 0.00	23.84 2.04 0.00	25.28 2.13 0.00	28.93 2.63 0.00	37.36 3.38 0.00	43.39 4.02 0.00	44.91 4.02 0.00	46.34 4.16 0.00	52.36 4.55 0.00	120.12 10.36 0.00	691.46 52.16 0.00	102.29 7.29 0.00	95.96 6.33 -3.72	73.72 3.68 -21.15	42.82 3.29 0.00	33.49 2.69 0.00
ASTORIA_GT_8 24108	33.33 2.83 0.00	33.05 2.73 0.00	25.69 2.14 0.00	29.24 2.11 0.00	27.93 2.02 0.00	28.13 1.91 0.00	31.44 1.93 0.00	27.09 1.75 0.00	23.71 1.80 0.00	23.84 2.04 0.00	25.28 2.13 0.00	28.93 2.63 0.00	37.36 3.38 0.00	43.39 4.02 0.00	44.91 4.02 0.00	46.34 4.16 0.00	52.36 4.55 0.00	120.12 10.36 0.00	691.46 52.16 0.00	102.29 7.29 0.00	95.96 6.33 -3.72	73.72 3.68 -21.15	42.82 3.29 0.00	33.49 2.69 0.00
ASTORIA___2 24149	33.24 2.74 0.00	32.98 2.66 0.00	25.64 2.08 0.00	29.18 2.06 0.00	27.88 1.97 0.00	28.08 1.85 0.00	31.38 1.87 0.00	27.04 1.69 0.00	23.66 1.75 0.00	23.79 1.99 0.00	25.25 2.11 0.00	28.85 2.56 0.01	37.25 3.28 0.00	43.28 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.22 4.41 0.00	119.77 10.00 0.00	689.39 50.09 0.00	102.03 7.03 0.00	95.71 6.08 -3.72	73.58 3.54 -21.15	42.72 3.19 0.00	33.39 2.59 0.00
ASTORIA___3 23516	33.36 2.86 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.28 2.14 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.44 4.07 0.00	44.93 4.05 0.00	46.25 4.07 0.00	52.22 4.41 0.00	119.77 10.00 0.00	689.39 50.09 0.00	102.02 7.03 0.00	95.71 6.08 -3.72	73.58 3.54 -21.15	42.72 3.19 0.00	33.39 2.59 0.00
ASTORIA___4 23517	33.37 2.87 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.27 2.12 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.45 4.08 0.00	44.94 4.05 0.00	46.25 4.07 0.00	52.21 4.40 0.00	119.77 10.00 0.00	689.55 50.25 0.00	102.02 7.03 0.00	95.71 6.07 -3.72	73.58 3.55 -21.15	42.71 3.18 0.00	33.41 2.60 0.00
ASTORIA___5 23518	33.36 2.86 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.28 2.14 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.44 4.07 0.00	44.93 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.75 53.45 0.00	102.51 7.51 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.51 2.71 0.00
AST_ENERGY_2_CC3 323677	33.31 2.81 0.00	33.04 2.72 0.00	25.64 2.09 0.00	29.24 2.11 0.00	27.92 2.01 0.00	28.11 1.89 0.00	31.46 1.95 0.00	27.03 1.69 0.00	23.63 1.73 0.00	23.74 1.94 0.00	25.24 2.10 0.00	28.88 2.58 0.00	37.33 3.35 0.00	43.37 4.00 0.00	44.90 4.01 0.00	46.26 4.08 0.00	52.27 4.46 0.00	119.99 10.22 0.00	692.18 52.88 0.00	102.35 7.35 0.00	96.06 6.43 -3.72	73.79 3.76 -21.15	42.82 3.29 0.00	33.43 2.63 0.00
AST_ENERGY_2_CC4 323678	33.31 2.81 0.00	33.04 2.72 0.00	25.64 2.09 0.00	29.24 2.11 0.00	27.92 2.01 0.00	28.11 1.89 0.00	31.46 1.95 0.00	27.03 1.69 0.00	23.63 1.73 0.00	23.74 1.94 0.00	25.24 2.10 0.00	28.88 2.58 0.00	37.33 3.35 0.00	43.37 4.00 0.00	44.90 4.01 0.00	46.26 4.08 0.00	52.27 4.46 0.00	119.99 10.22 0.00	692.18 52.88 0.00	102.35 7.35 0.00	96.06 6.43 -3.72	73.79 3.76 -21.15	42.82 3.29 0.00	33.43 2.63 0.00

ATHENS_STG_1 23668	31.87 1.38 0.00	31.65 1.33 0.00	24.63 1.07 0.00	28.27 1.15 0.00	27.01 1.10 0.00	27.29 1.07 0.00	30.57 1.07 0.00	26.18 0.83 0.00	22.67 0.77 0.00	22.64 0.84 0.00	24.01 0.87 0.00	27.42 1.12 0.00	35.45 1.47 0.00	41.19 1.82 0.00	42.72 1.84 0.00	44.06 1.88 0.00	49.84 2.03 0.00	114.25 4.49 0.00	663.66 24.36 0.00	98.44 3.45 0.00	91.93 3.12 -2.90	67.19 1.83 -16.47	41.15 1.62 0.00	32.06 1.26 0.00
ATHENS_STG_2 23670	31.87 1.38 0.00	31.65 1.33 0.00	24.63 1.07 0.00	28.27 1.15 0.00	27.01 1.10 0.00	27.29 1.07 0.00	30.57 1.07 0.00	26.18 0.83 0.00	22.67 0.77 0.00	22.64 0.84 0.00	24.01 0.87 0.00	27.42 1.12 0.00	35.45 1.47 0.00	41.19 1.82 0.00	42.72 1.84 0.00	44.06 1.88 0.00	49.84 2.03 0.00	114.25 4.49 0.00	663.66 24.36 0.00	98.44 3.45 0.00	91.93 3.12 -2.90	67.19 1.83 -16.47	41.15 1.62 0.00	32.06 1.26 0.00
ATHENS_STG_3 23677	31.87 1.38 0.00	31.65 1.33 0.00	24.63 1.07 0.00	28.27 1.15 0.00	27.01 1.10 0.00	27.29 1.07 0.00	30.57 1.07 0.00	26.18 0.83 0.00	22.67 0.77 0.00	22.64 0.84 0.00	24.01 0.87 0.00	27.42 1.12 0.00	35.45 1.47 0.00	41.19 1.82 0.00	42.72 1.84 0.00	44.06 1.88 0.00	49.84 2.03 0.00	114.25 4.49 0.00	663.66 24.36 0.00	98.44 3.45 0.00	91.93 3.12 -2.90	67.19 1.83 -16.47	41.15 1.62 0.00	32.06 1.26 0.00
AUBURN___LFGE 323710	30.88 0.38 0.00	30.51 0.19 0.00	23.68 0.12 0.00	27.33 0.21 0.00	25.99 0.08 0.00	26.29 0.07 0.00	29.44 -0.06 0.00	25.24 -0.10 0.00	21.98 0.07 0.00	21.85 0.05 0.00	23.27 0.12 0.00	27.01 0.30 -0.42	36.03 0.34 -1.71	41.60 0.37 -1.85	43.64 0.56 -2.19	42.88 0.70 0.00	51.92 0.87 -3.24	119.62 2.22 -7.64	665.64 13.49 -12.84	105.06 1.83 -8.23	94.22 1.91 -6.40	53.69 0.80 -4.01	42.73 0.64 -2.55	32.32 0.48 -1.04
BABYLON_RES_REC 323704	33.64 3.14 0.00	33.27 2.95 0.00	25.83 2.27 0.00	29.54 2.42 0.00	28.26 2.35 0.00	28.45 2.23 0.00	31.89 2.38 0.00	27.38 2.04 0.00	25.34 2.04 -1.40	23.97 2.16 0.00	42.00 2.24 -16.62	40.44 2.65 -11.48	39.46 3.39 -2.09	45.52 4.05 -2.10	46.10 3.82 -1.39	75.23 4.15 -28.90	74.62 4.51 -22.30	129.00 10.13 -9.11	694.72 52.56 -2.86	130.50 7.96 -27.54	103.33 6.85 -10.56	105.01 4.00 -52.13	61.81 3.60 -18.69	52.26 3.17 -18.29
BABYLON__69_KV_BK2 356345	34.02 3.52 0.00	33.61 3.29 0.00	26.10 2.54 0.00	29.86 2.73 0.00	28.57 2.66 0.00	28.74 2.52 0.00	32.23 2.72 0.00	27.69 2.34 0.00	25.64 2.34 -1.39	24.27 2.46 0.00	46.30 2.69 -20.47	43.09 3.26 -13.53	40.29 4.22 -2.09	50.00 5.19 -5.44	50.12 4.91 -4.33	107.85 5.25 -60.43	107.10 5.76 -53.53	153.98 13.00 -31.21	718.88 69.16 -10.42	146.67 10.40 -41.28	115.37 9.01 -20.45	106.77 5.03 -52.86	64.38 4.33 -20.52	52.67 3.58 -18.28
BALL_HILL_WT_PWR 323825	29.90 -0.60 0.00	29.74 -0.58 0.00	23.20 -0.36 0.00	26.64 -0.49 0.00	25.48 -0.43 0.00	25.62 -0.60 0.00	28.58 -0.93 0.00	24.22 -1.13 0.00	21.38 -0.53 0.00	21.32 -0.49 0.00	22.80 -0.35 0.00	26.14 -0.15 0.00	34.00 0.02 0.00	39.20 -0.17 0.00	40.64 -0.24 0.00	42.03 -0.15 0.00	47.79 -0.02 0.00	109.00 -0.76 0.00	634.77 5.05 -0.52	93.04 -1.95 0.00	84.50 -1.42 0.00	48.06 -0.83 0.00	38.82 -0.71 0.00	30.62 -0.19 0.00
BARON_WINDS___WT_PWR 323822	30.37 -0.13 0.00	30.13 -0.19 0.00	23.42 -0.14 0.00	26.88 -0.24 0.00	25.65 -0.25 0.00	25.83 -0.39 0.00	28.90 -0.60 0.00	24.66 -0.69 0.00	21.71 -0.19 0.00	21.68 -0.13 0.00	23.11 -0.03 0.00	26.65 0.25 -0.10	34.81 0.42 -0.42	40.22 0.40 -0.46	41.83 0.40 -0.54	42.57 0.39 0.00	49.12 0.51 -0.80	112.57 0.91 -1.89	646.44 3.96 -3.17	96.39 -0.64 -2.03	87.48 -0.01 -1.58	49.80 -0.08 -0.99	40.12 -0.04 -0.63	31.22 0.16 -0.26
BARRETT_IC_1 23704	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_10 23701	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_11 23702	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_12 23703	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_2 23705	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_3 23706	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_4 23707	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55

BARRETT_IC_5 23708	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_6 23709	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_7 23710	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.83 0.00	25.15 1.85 -1.39	23.81 2.01 0.00	40.21 2.27 -14.79	39.60 2.79 -10.51	39.66 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.63 4.23 -14.21	61.45 4.40 -9.24	119.38 9.61 0.00	689.82 50.52 0.00	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	60.99 3.65 -17.81	52.30 2.96 -18.53
BARRETT_IC_8 23711	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT_IC_9 23700	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT___1 23545	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BARRETT___2 23546	33.52 3.02 0.00	33.18 2.86 0.00	25.74 2.18 0.00	29.42 2.30 0.00	28.12 2.21 0.00	28.31 2.09 0.00	31.70 2.19 0.00	27.18 1.84 0.00	25.15 1.85 -1.40	23.81 2.01 0.00	40.23 2.28 -14.80	39.60 2.78 -10.52	39.67 3.60 -2.09	44.11 4.24 -0.50	45.08 4.11 -0.08	60.62 4.23 -14.21	61.46 4.40 -9.24	119.37 9.61 0.00	689.76 50.47 0.01	124.66 7.34 -22.33	98.62 6.35 -6.36	104.49 3.82 -51.79	61.00 3.65 -17.82	52.31 2.96 -18.55
BATAVIA__115KV_TB1 55881	30.42 -0.08 0.00	30.19 -0.13 0.00	23.48 -0.08 0.00	27.00 -0.13 0.00	25.77 -0.14 0.00	25.92 -0.31 0.00	28.88 -0.63 0.00	24.41 -0.94 0.00	21.41 -0.50 0.00	21.30 -0.50 0.00	22.80 -0.35 0.00	26.08 -0.21 0.00	33.84 -0.14 0.00	39.29 -0.08 0.00	40.80 -0.08 0.00	42.28 0.11 0.00	48.28 0.47 0.00	109.92 0.16 0.00	642.55 2.34 -0.91	95.21 0.22 0.00	86.15 0.25 0.00	49.02 0.13 0.00	39.49 -0.04 0.00	31.03 0.22 0.00
BAYONEEC___CTG1 323682	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG10 323750	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG2 323683	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG3 323684	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG4 323685	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG5 323686	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG6 323687	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00

BAYONEEC___CTG7 323688	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG8 323689	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BAYONEEC___CTG9 323749	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 1.99 0.00	27.06 1.72 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.63 0.00	37.39 3.41 0.00	43.43 4.06 0.00	44.95 4.06 0.00	46.30 4.12 0.00	52.30 4.49 0.00	118.48 10.28 1.56	668.52 53.15 23.93	102.43 7.43 0.00	96.13 6.49 -3.72	72.53 3.78 -19.86	42.86 3.34 0.00	33.48 2.68 0.00
BEACON___LESR 323632	31.96 1.46 0.00	31.74 1.43 0.00	24.77 1.21 0.00	28.47 1.34 0.00	27.18 1.27 0.00	27.46 1.24 0.00	30.79 1.28 0.00	26.37 1.02 0.00	22.76 0.86 0.00	22.62 0.82 0.00	23.99 0.85 0.00	27.37 1.07 0.00	35.34 1.36 0.00	41.09 1.72 0.00	42.83 1.94 0.00	44.20 2.02 0.00	50.08 2.27 0.00	115.17 5.41 0.00	671.07 31.77 0.00	99.60 4.60 0.00	112.29 4.05 -22.34	177.94 2.18 -126.88	41.28 1.75 0.00	32.07 1.26 0.00
BEAVER RIVER___HYD 24048	29.63 -0.87 0.00	29.08 -1.24 0.00	22.56 -1.00 0.00	25.99 -1.14 0.00	25.08 -0.82 0.00	25.86 -0.36 0.00	29.31 -0.19 0.00	25.21 -0.14 0.00	21.86 -0.04 0.00	21.63 -0.18 0.00	22.97 -0.18 0.00	26.34 -0.20 -0.24	34.77 -0.20 -0.99	39.99 -0.46 -1.08	41.68 -0.47 -1.28	41.52 -0.66 0.00	49.32 -0.37 -1.88	114.01 -0.19 -4.44	652.85 6.08 -7.46	102.03 2.25 -4.79	92.37 2.74 -3.72	52.68 1.47 -2.33	41.96 0.95 -1.48	31.95 0.54 -0.61
BEEBEE_GT_13 23619	30.25 -0.25 0.00	30.00 -0.32 0.00	23.32 -0.24 0.00	26.82 -0.30 0.00	25.59 -0.31 0.00	25.78 -0.44 0.00	28.80 -0.71 0.00	24.48 -0.86 0.00	21.43 -0.47 0.00	21.36 -0.44 0.00	22.82 -0.32 0.00	26.09 -0.21 0.00	33.86 -0.12 0.00	39.24 -0.13 0.00	40.79 -0.09 0.00	42.27 0.09 0.00	48.11 0.30 0.00	109.89 0.13 0.00	640.71 1.41 0.00	94.65 -0.35 0.00	85.44 -0.47 0.00	48.56 -0.32 0.00	39.19 -0.34 0.00	30.71 -0.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.76 3.27 0.00	33.46 3.14 0.00	25.94 2.39 0.00	29.57 2.44 0.00	28.22 2.31 0.00	28.43 2.21 0.00	31.81 2.30 0.00	27.34 2.00 0.00	23.90 1.99 0.00	24.03 2.23 0.00	34.41 2.39 -8.87	37.89 2.97 -8.62	38.28 3.87 -0.43	43.97 4.60 0.00	45.54 4.65 0.00	46.96 4.78 0.00	53.05 5.24 0.00	121.74 11.97 0.00	701.30 62.00 0.00	103.77 8.77 0.00	97.16 7.53 -3.72	74.43 4.40 -21.15	43.47 3.94 0.00	33.99 3.18 -0.01
BETHLEHEM___GRP 23843	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.85 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.39 2.62 0.00	655.32 16.02 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.52 0.71 0.00
BETHLEHEM___GS1 323560	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.84 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.38 2.62 0.00	655.31 16.01 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.51 0.71 0.00
BETHLEHEM___GS2 323561	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.84 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.38 2.62 0.00	655.31 16.01 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.51 0.71 0.00
BETHLEHEM___GS3 323562	31.39 0.89 0.00	31.19 0.87 0.00	24.44 0.88 0.00	28.07 0.95 0.00	26.84 0.94 0.00	27.13 0.91 0.00	30.37 0.86 0.00	26.03 0.69 0.00	22.46 0.55 0.00	22.25 0.45 0.00	23.56 0.42 0.00	26.83 0.53 0.00	34.67 0.69 0.00	40.32 0.95 0.00	41.86 0.98 0.00	43.18 1.00 0.00	48.90 1.09 0.00	112.38 2.62 0.00	655.31 16.01 0.00	97.36 2.36 0.00	109.89 2.11 -21.87	174.30 1.19 -124.24	40.50 0.97 0.00	31.51 0.71 0.00
BETHLEHEM___STEEL 23779	29.86 -0.64 0.00	29.68 -0.64 0.00	23.12 -0.44 0.00	26.58 -0.55 0.00	25.39 -0.51 0.00	25.55 -0.67 0.00	28.48 -1.02 0.00	24.09 -1.26 0.00	21.22 -0.69 0.00	21.12 -0.69 0.00	22.60 -0.54 0.00	25.86 -0.43 0.00	33.61 -0.37 0.00	38.83 -0.53 0.00	40.32 -0.57 0.00	41.78 -0.40 0.00	47.54 -0.27 0.00	108.11 -1.66 0.00	630.21 -9.99 -0.90	92.59 -2.40 0.00	83.83 -2.08 0.00	47.69 -1.20 0.00	38.54 -0.99 0.00	30.42 -0.39 0.00
BETHLHEM_115KV_TB1 79974	31.44 0.95 0.00	31.25 0.93 0.00	24.45 0.89 0.00	28.10 0.98 0.00	26.86 0.95 0.00	27.15 0.92 0.00	30.39 0.89 0.00	26.05 0.70 0.00	22.48 0.58 0.00	22.29 0.49 0.00	23.61 0.46 0.00	26.89 0.59 0.00	34.76 0.78 0.00	40.41 1.04 0.00	41.95 1.07 0.00	43.28 1.11 0.00	49.01 1.20 0.00	112.61 2.85 0.00	656.29 16.99 0.00	97.50 2.50 0.00	109.00 2.26 -20.83	168.50 1.27 -118.35	40.59 1.06 0.00	31.59 0.79 0.00
BETHPAGE_CC_5 323564	33.51 3.01 0.00	33.16 2.84 0.00	25.74 2.18 0.00	29.45 2.32 0.00	28.16 2.25 0.00	28.35 2.13 0.00	31.77 2.26 0.00	27.28 1.93 0.00	25.25 1.95 -1.40	23.88 2.08 0.00	40.76 2.30 -15.31	39.83 2.75 -10.79	39.67 3.61 -2.09	44.67 4.34 -0.96	45.39 4.15 -0.35	64.70 4.47 -18.04	63.63 4.85 -10.96	121.66 10.86 -1.04	696.24 56.94 0.00	125.80 8.46 -22.34	100.24 7.33 -7.00	104.88 4.11 -51.89	61.28 3.69 -18.06	52.14 3.03 -18.30
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.95 -0.55 0.00	29.76 -0.56 0.00	23.17 -0.39 0.00	26.62 -0.50 0.00	25.45 -0.46 0.00	25.60 -0.63 0.00	28.54 -0.96 0.00	24.15 -1.19 0.00	21.29 -0.62 0.00	21.19 -0.61 0.00	22.68 -0.46 0.00	25.97 -0.32 0.00	33.76 -0.21 0.00	39.01 -0.36 0.00	40.49 -0.40 0.00	41.97 -0.21 0.00	47.76 -0.06 0.00	108.63 -1.13 0.00	633.08 -7.08 -0.86	93.00 -2.00 0.00	84.21 -1.70 0.00	47.89 -1.00 0.00	38.68 -0.85 0.00	30.51 -0.29 0.00

BINGHAMTON___COGEN 23790	30.92 0.43 0.00	30.67 0.35 0.00	23.84 0.28 0.00	27.38 0.26 0.00	26.13 0.22 0.00	26.38 0.15 0.00	29.57 0.06 0.00	25.31 -0.04 0.00	22.07 0.17 0.00	22.02 0.21 0.00	23.44 0.30 0.00	27.03 0.55 -0.19	35.55 0.81 -0.76	41.05 0.85 -0.83	42.77 0.91 -0.98	43.09 0.91 0.00	50.29 1.03 -1.45	115.55 2.37 -3.41	657.88 12.85 -5.73	99.77 1.10 -3.67	91.67 1.32 -4.44	60.40 0.71 -10.81	41.26 0.59 -1.14	31.76 0.49 -0.46
BIXINCNT_115KV_LOAD 355685	30.04 -0.45 0.00	29.77 -0.55 0.00	23.16 -0.40 0.00	26.47 -0.65 0.00	25.40 -0.51 0.00	25.62 -0.60 0.00	28.61 -0.90 0.00	24.34 -1.00 0.00	21.50 -0.41 0.00	21.47 -0.33 0.00	22.95 -0.20 0.00	26.36 0.06 0.00	34.24 0.26 0.00	39.49 0.12 0.00	40.88 0.00 0.00	42.27 0.09 0.00	48.01 0.19 0.00	109.53 -0.24 0.00	637.19 -2.80 -0.69	93.57 -1.43 0.00	84.78 -1.13 0.00	48.26 -0.62 0.00	39.11 -0.42 0.00	30.83 0.02 0.00
BLACK RIVER___HYD 24047	29.75 -0.75 0.00	29.11 -1.21 0.00	22.57 -0.98 0.00	26.00 -1.13 0.00	25.14 -0.77 0.00	25.95 -0.27 0.00	29.40 -0.10 0.00	25.27 -0.08 0.00	21.97 0.06 0.00	21.70 -0.11 0.00	23.01 -0.13 0.00	26.60 -0.11 -0.41	35.49 -0.17 -1.68	40.76 -0.43 -1.83	42.63 -0.41 -2.16	41.54 -0.64 0.00	50.83 -0.17 -3.19	117.47 0.17 -7.53	660.78 8.82 -12.66	106.06 2.95 -8.11	95.90 3.69 -6.30	54.88 2.05 -3.95	43.40 1.35 -2.52	32.64 0.81 -1.03
BLACKRVR_115KV_TB2 79977	29.75 -0.75 0.00	29.11 -1.20 0.00	22.57 -0.98 0.00	26.00 -1.13 0.00	25.14 -0.77 0.00	25.95 -0.27 0.00	29.40 -0.11 0.00	25.27 -0.08 0.00	21.97 0.06 0.00	21.70 -0.11 0.00	23.02 -0.13 0.00	26.60 -0.11 -0.41	35.49 -0.17 -1.68	40.76 -0.43 -1.83	42.64 -0.41 -2.16	41.54 -0.64 0.00	50.83 -0.17 -3.19	117.47 0.17 -7.53	660.79 8.83 -12.66	106.06 2.95 -8.11	95.91 3.69 -6.30	54.88 2.05 -3.95	43.40 1.35 -2.52	32.64 0.81 -1.03
BLISS_WT_PWR 323608	29.98 -0.52 0.00	29.68 -0.64 0.00	23.09 -0.47 0.00	26.36 -0.76 0.00	25.34 -0.57 0.00	25.56 -0.67 0.00	28.56 -0.95 0.00	24.32 -1.03 0.00	21.48 -0.42 0.00	21.46 -0.34 0.00	22.94 -0.20 0.00	26.37 0.07 0.00	34.25 0.27 0.00	39.51 0.14 0.00	40.88 -0.01 0.00	42.27 0.09 0.00	48.00 0.19 0.00	109.54 -0.23 0.00	637.26 -2.72 -0.69	93.58 -1.42 0.00	84.83 -1.08 0.00	48.29 -0.59 0.00	39.12 -0.41 0.00	30.84 0.04 0.00
BLUESTONE___WT_PWR 323821	32.15 1.65 0.00	31.81 1.49 0.00	24.84 1.28 0.00	28.24 1.12 0.00	27.09 1.18 0.00	27.64 1.42 0.00	30.94 1.43 0.00	26.48 1.14 0.00	23.02 1.12 0.00	22.93 1.13 0.00	24.41 1.26 0.00	28.10 1.65 -0.16	36.94 2.31 -0.66	42.78 2.70 -0.71	44.62 2.90 -0.84	45.31 3.13 0.00	52.65 3.59 -1.24	121.20 8.50 -2.94	696.23 52.00 -4.93	105.43 7.27 -3.16	98.20 6.79 -5.50	71.43 3.73 -18.82	43.37 2.86 -0.98	33.28 2.08 -0.40
BLUE_CIRC_CHEM_DRP 24182	31.71 1.22 0.00	31.49 1.17 0.00	24.60 1.04 0.00	28.31 1.18 0.00	27.07 1.16 0.00	27.36 1.13 0.00	30.61 1.10 0.00	26.12 0.77 0.00	22.47 0.57 0.00	22.28 0.48 0.00	23.58 0.43 0.00	26.85 0.55 0.00	34.74 0.76 0.00	40.47 1.10 0.00	41.93 1.04 0.00	43.34 1.17 0.00	49.07 1.26 0.00	112.75 2.99 0.00	658.94 19.64 0.00	98.16 3.16 0.00	105.22 2.99 -16.33	143.29 1.66 -92.74	40.91 1.38 0.00	31.84 1.03 0.00
BOC_GAS_DRP 24189	31.52 1.02 0.00	31.31 0.99 0.00	24.42 0.86 0.00	28.07 0.95 0.00	26.83 0.93 0.00	27.13 0.91 0.00	30.39 0.88 0.00	26.02 0.67 0.00	22.48 0.57 0.00	22.37 0.56 0.00	23.70 0.55 0.00	27.01 0.71 0.00	34.93 0.95 0.00	40.59 1.22 0.00	42.10 1.21 0.00	43.42 1.25 0.00	49.15 1.35 0.00	112.79 3.03 0.00	656.70 17.40 0.00	97.57 2.57 0.00	103.34 2.36 -15.08	135.88 1.35 -85.64	40.70 1.17 0.00	31.70 0.89 0.00
BOONVILLE_115KV_TB1 79983	30.73 0.23 0.00	30.31 0.00 0.00	23.54 -0.02 0.00	27.06 -0.06 0.00	25.99 0.08 0.00	26.54 0.32 0.00	29.91 0.40 0.00	25.67 0.32 0.00	22.26 0.35 0.00	22.12 0.32 0.00	23.52 0.38 0.00	26.94 0.52 -0.12	35.20 0.74 -0.47	40.65 0.77 -0.51	42.23 0.74 -0.61	42.91 0.73 0.00	49.69 0.98 -0.90	114.64 2.76 -2.12	663.15 20.28 -3.56	100.89 3.61 -2.28	91.30 3.62 -1.77	51.92 1.93 -1.11	41.65 1.42 -0.71	32.04 0.95 -0.29
BORALEX_4TH_BRANCH 23824	32.57 2.07 0.00	32.45 2.13 0.00	25.17 1.61 0.00	28.98 1.85 0.00	27.74 1.83 0.00	28.02 1.80 0.00	31.33 1.83 0.00	26.79 1.44 0.00	23.05 1.14 0.00	22.83 1.03 0.00	24.03 0.89 0.00	27.41 1.11 0.00	35.42 1.44 0.00	41.18 1.81 0.00	42.77 1.89 0.00	44.09 1.92 0.00	49.80 1.98 0.00	114.99 5.23 0.00	674.24 34.94 0.00	100.44 5.44 0.00	121.26 5.37 -29.99	222.26 3.05 -170.33	41.93 2.40 0.00	32.62 1.81 0.00
BOWLINE___1 23526	32.87 2.37 0.00	32.67 2.35 0.00	25.33 1.78 0.00	28.92 1.79 0.00	27.59 1.68 0.00	27.80 1.58 0.00	31.12 1.61 0.00	26.72 1.37 0.00	23.30 1.40 0.00	23.39 1.59 0.00	24.84 1.70 0.00	28.39 2.09 0.00	36.69 2.71 0.00	42.71 3.34 0.00	44.20 3.31 0.00	45.55 3.38 0.00	51.51 3.70 0.00	118.18 8.42 0.00	682.92 43.62 0.00	100.96 5.97 0.00	94.71 5.23 -3.57	72.29 3.14 -20.27	42.19 2.66 0.00	32.91 2.10 0.00
BOWLINE___2 23595	32.82 2.32 0.00	32.67 2.35 0.00	25.33 1.78 0.00	28.92 1.79 0.00	27.58 1.67 0.00	27.79 1.57 0.00	31.09 1.59 0.00	26.70 1.36 0.00	23.29 1.39 0.00	23.38 1.58 0.00	24.82 1.68 0.00	28.39 2.09 0.00	36.71 2.73 0.00	42.78 3.41 0.00	44.27 3.38 0.00	45.63 3.45 0.00	51.59 3.78 0.00	118.34 8.58 0.00	683.55 44.25 0.00	101.00 6.00 0.00	94.82 5.34 -3.57	72.38 3.23 -20.27	42.25 2.73 0.00	32.95 2.15 0.00
BRADY___115KV_TB2 356060	29.59 -0.90 0.00	29.41 -0.91 0.00	22.81 -0.75 0.00	26.32 -0.81 0.00	25.20 -0.71 0.00	25.62 -0.60 0.00	29.03 -0.48 0.00	25.06 -0.28 0.00	21.52 -0.38 0.00	21.34 -0.47 0.00	22.64 -0.50 0.00	25.48 -0.82 0.00	32.77 -1.21 0.00	37.89 -1.48 0.00	39.31 -1.58 0.00	40.51 -1.66 0.00	46.04 -1.77 0.00	106.25 -3.51 0.00	621.06 -18.24 0.00	93.24 -1.76 0.00	84.71 -1.20 0.00	48.15 -0.73 0.00	38.79 -0.74 0.00	30.19 -0.61 0.00
BRANSCOMB___SOLAR 323811	32.61 2.12 0.00	32.32 2.00 0.00	25.02 1.46 0.00	28.78 1.66 0.00	27.54 1.63 0.00	27.85 1.62 0.00	31.18 1.67 0.00	26.69 1.34 0.00	22.94 1.04 0.00	22.79 0.99 0.00	24.08 0.93 0.00	27.51 1.21 0.00	35.57 1.59 0.00	41.32 1.96 0.00	43.02 2.13 0.00	44.37 2.19 0.00	50.43 2.62 0.00	116.43 6.66 0.00	683.01 43.71 0.00	101.80 6.80 0.00	131.89 6.22 -39.76	278.16 3.44 -225.83	42.18 2.65 0.00	32.73 1.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.73 3.23 0.00	33.36 3.04 0.00	25.92 2.37 0.00	29.68 2.56 0.00	28.40 2.49 0.00	28.59 2.36 0.00	32.06 2.55 0.00	27.53 2.19 0.00	25.47 2.17 -1.39	24.09 2.28 0.00	46.19 2.50 -20.54	42.85 2.99 -13.56	39.85 3.79 -2.09	49.53 4.66 -5.50	49.35 4.28 -4.19	107.09 4.58 -60.33	103.19 4.97 -50.41	149.71 11.19 -28.75	706.80 58.44 -9.06	142.73 8.91 -38.82	113.15 7.63 -19.61	106.00 4.23 -52.88	63.80 3.72 -20.55	52.32 3.23 -18.28

BRISTLHL_115KV_TB1 79998	30.02 -0.47 0.00	29.78 -0.54 0.00	23.16 -0.40 0.00	26.66 -0.46 0.00	25.45 -0.46 0.00	25.69 -0.53 0.00	28.82 -0.69 0.00	24.70 -0.65 0.00	21.46 -0.44 0.00	21.37 -0.44 0.00	22.70 -0.45 0.00	26.81 -0.39 -0.90	37.28 -0.40 -3.70	42.89 -0.50 -4.02	45.16 -0.48 -4.76	41.71 -0.46 0.00	54.38 -0.45 -7.01	125.35 -0.98 -16.56	662.20 -4.94 -27.84	112.00 -0.84 -17.84	99.10 -0.68 -13.87	57.15 -0.41 -8.69	44.69 -0.37 -5.53	32.74 -0.32 -2.25
BROOKHAVEN___DRP 24191	33.58 3.09 0.00	33.17 2.85 0.00	25.77 2.21 0.00	29.51 2.38 0.00	28.27 2.36 0.00	28.49 2.26 0.00	31.98 2.48 0.00	27.48 2.13 0.00	25.47 2.17 -1.39	24.10 2.30 0.00	67.79 2.60 -42.04	54.41 3.13 -24.98	40.05 3.98 -2.09	68.47 4.92 -24.19	66.11 4.70 -20.52	283.44 5.08 -236.19	276.17 5.53 -222.83	272.96 12.58 -150.62	755.33 65.60 -50.43	219.02 9.99 -114.03	168.77 8.57 -74.29	110.63 4.80 -56.94	74.48 4.15 -30.80	52.36 3.28 -18.27
BROOKLYN_NAVY_YARD 23515	33.34 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.14 0.00	27.93 2.02 0.00	28.14 1.91 0.00	31.47 1.97 0.00	27.05 1.71 0.00	23.66 1.75 0.00	23.78 1.97 0.00	25.26 2.12 0.00	28.90 2.60 0.00	37.40 3.42 0.00	43.46 4.09 0.00	44.98 4.09 0.00	46.37 4.19 0.00	52.35 4.54 0.00	120.16 10.40 0.00	693.44 54.14 0.00	102.49 7.49 0.00	96.22 6.58 -3.72	73.91 3.87 -21.15	42.89 3.36 0.00	33.48 2.67 0.00
BROOKLYN___ARMY_DRP 323595	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
BROOKVLE_69_KV_TB1 55790	33.89 3.40 0.00	33.51 3.20 0.00	25.99 2.44 0.00	29.70 2.57 0.00	28.38 2.47 0.00	28.57 2.35 0.00	32.01 2.50 0.00	27.49 2.15 0.00	25.44 2.14 -1.39	24.11 2.31 0.00	40.52 2.59 -14.79	40.00 3.19 -10.51	40.24 4.18 -2.09	44.70 4.83 -0.50	45.69 4.72 -0.08	61.47 5.07 -14.21	62.60 5.55 -9.24	122.31 12.55 0.00	706.30 67.00 0.00	127.08 9.75 -22.33	100.74 8.46 -6.36	105.46 4.78 -51.79	61.65 4.31 -17.81	52.53 3.41 -18.32
BROOME_2_LFGE 323671	30.92 0.43 0.00	30.67 0.35 0.00	23.84 0.28 0.00	27.38 0.25 0.00	26.13 0.22 0.00	26.38 0.15 0.00	29.57 0.06 0.00	25.31 -0.04 0.00	22.07 0.16 0.00	22.02 0.21 0.00	23.44 0.30 0.00	27.03 0.55 -0.19	35.55 0.81 -0.76	41.04 0.85 -0.83	42.77 0.91 -0.98	43.08 0.91 0.00	50.29 1.04 -1.45	115.55 2.37 -3.41	657.93 12.90 -5.73	99.77 1.10 -3.67	91.67 1.32 -4.44	60.40 0.71 -10.81	41.26 0.59 -1.14	31.76 0.49 -0.46
BROOME___LFGE 323600	30.92 0.43 0.00	30.67 0.35 0.00	23.84 0.28 0.00	27.38 0.25 0.00	26.13 0.22 0.00	26.38 0.15 0.00	29.57 0.06 0.00	25.31 -0.04 0.00	22.07 0.16 0.00	22.02 0.21 0.00	23.44 0.30 0.00	27.03 0.55 -0.19	35.55 0.81 -0.76	41.04 0.85 -0.83	42.77 0.91 -0.98	43.08 0.91 0.00	50.29 1.04 -1.45	115.55 2.37 -3.41	657.93 12.90 -5.73	99.77 1.10 -3.67	91.67 1.32 -4.44	60.40 0.71 -10.81	41.26 0.59 -1.14	31.76 0.49 -0.46
BROWNFLS_115KV_TB_3_5 80003	29.28 -1.22 0.00	28.84 -1.48 0.00	22.36 -1.19 0.00	25.76 -1.36 0.00	24.79 -1.12 0.00	25.44 -0.78 0.00	28.84 -0.67 0.00	24.82 -0.53 0.00	21.45 -0.46 0.00	21.22 -0.58 0.00	22.54 -0.60 0.00	25.69 -0.77 -0.16	33.76 -0.89 -0.68	38.91 -1.19 -0.74	40.57 -1.19 -0.87	40.79 -1.39 0.00	47.85 -1.25 -1.29	110.45 -2.35 -3.03	636.01 -8.39 -5.10	98.27 0.01 -3.27	88.93 0.48 -2.54	50.64 0.16 -1.59	40.53 -0.02 -1.01	31.06 -0.16 -0.41
BROWNSV1_27_KV_LOAD 356125	33.78 3.29 0.00	33.51 3.19 0.00	25.98 2.43 0.00	29.64 2.51 0.00	28.29 2.38 0.00	28.49 2.27 0.00	31.88 2.38 0.00	27.39 2.04 0.00	23.95 2.04 0.00	24.07 2.27 0.00	25.60 2.45 0.00	29.32 3.02 0.00	37.93 3.95 0.00	44.09 4.72 0.00	45.64 4.76 0.00	47.04 4.86 0.00	53.17 5.36 0.00	122.03 12.26 0.00	704.19 64.89 0.00	104.12 9.12 0.00	97.67 8.04 -3.72	74.69 4.65 -21.15	43.54 4.01 0.00	33.98 3.18 0.00
BURROWS___LYONSDAL 23803	30.43 -0.06 0.00	29.98 -0.34 0.00	23.28 -0.28 0.00	26.77 -0.35 0.00	25.76 -0.15 0.00	26.38 0.16 0.00	29.79 0.28 0.00	25.57 0.23 0.00	22.18 0.28 0.00	22.02 0.21 0.00	23.41 0.26 0.00	26.81 0.37 -0.14	35.11 0.55 -0.58	40.48 0.49 -0.63	42.10 0.47 -0.74	42.58 0.41 0.00	49.58 0.68 -1.09	114.45 2.11 -2.58	661.20 17.57 -4.33	101.16 3.39 -2.77	91.55 3.48 -2.16	52.11 1.87 -1.35	41.74 1.35 -0.86	32.04 0.89 -0.35
CAITHNESS_CC_1 323624	33.56 3.07 0.00	33.16 2.84 0.00	25.77 2.21 0.00	29.50 2.37 0.00	28.26 2.35 0.00	28.46 2.24 0.00	31.95 2.45 0.00	27.45 2.10 0.00	25.44 2.14 -1.40	24.06 2.26 0.00	67.59 2.55 -41.89	54.26 3.06 -24.90	39.97 3.91 -2.09	68.21 4.80 -24.05	65.80 4.58 -20.33	281.73 4.93 -234.62	273.29 5.35 -220.13	270.53 12.16 -148.61	752.00 63.15 -49.55	217.04 9.62 -112.43	167.67 8.27 -73.48	110.43 4.63 -56.91	74.29 4.03 -30.73	52.29 3.21 -18.28
CALPINE BETH_PAGE_GT4 24209	33.53 3.03 0.00	33.17 2.85 0.00	25.74 2.18 0.00	29.44 2.31 0.00	28.15 2.24 0.00	28.34 2.12 0.00	31.76 2.25 0.00	27.27 1.93 0.00	25.24 1.95 -1.39	23.88 2.08 0.00	40.63 2.30 -15.19	39.76 2.73 -10.72	39.66 3.59 -2.09	44.53 4.31 -0.85	45.30 4.13 -0.29	63.78 4.45 -17.15	63.21 4.84 -10.56	121.42 10.85 -0.80	695.97 56.67 0.00	125.75 8.42 -22.34	100.02 7.26 -6.85	104.84 4.08 -51.86	61.19 3.65 -18.00	52.16 3.05 -18.30
CALPINE_BETH_PAGE_GT_4 323586	33.53 3.03 0.00	33.17 2.85 0.00	25.74 2.18 0.00	29.44 2.31 0.00	28.15 2.24 0.00	28.34 2.12 0.00	31.76 2.25 0.00	27.27 1.93 0.00	25.25 1.95 -1.40	23.88 2.08 0.00	40.64 2.30 -15.19	39.76 2.73 -10.73	39.66 3.59 -2.09	44.53 4.31 -0.85	45.30 4.13 -0.29	63.78 4.45 -17.15	63.21 4.84 -10.56	121.42 10.86 -0.80	695.89 56.59 0.00	125.75 8.42 -22.34	100.02 7.26 -6.85	104.83 4.08 -51.86	61.19 3.65 -18.00	52.16 3.05 -18.31
CALPINE_BP_GT1 23823	33.53 3.03 0.00	33.17 2.85 0.00	25.74 2.18 0.00	29.44 2.31 0.00	28.15 2.24 0.00	28.34 2.12 0.00	31.76 2.25 0.00	27.27 1.93 0.00	25.25 1.95 -1.40	23.88 2.08 0.00	40.64 2.30 -15.19	39.76 2.73 -10.73	39.66 3.59 -2.09	44.53 4.31 -0.85	45.30 4.13 -0.29	63.78 4.45 -17.15	63.21 4.84 -10.56	121.42 10.86 -0.80	695.89 56.59 0.00	125.75 8.42 -22.34	100.02 7.26 -6.85	104.83 4.08 -51.86	61.19 3.65 -18.00	52.16 3.05 -18.31
CALSPAN___DRP 24200	29.86 -0.64 0.00	29.68 -0.64 0.00	23.12 -0.44 0.00	26.58 -0.55 0.00	25.39 -0.51 0.00	25.55 -0.67 0.00	28.48 -1.02 0.00	24.09 -1.26 0.00	21.22 -0.69 0.00	21.12 -0.69 0.00	22.60 -0.54 0.00	25.86 -0.43 0.00	33.61 -0.37 0.00	38.83 -0.53 0.00	40.32 -0.57 0.00	41.78 -0.40 0.00	47.54 -0.27 0.00	108.11 -1.66 0.00	630.21 -9.99 -0.90	92.59 -2.40 0.00	83.83 -2.08 0.00	47.69 -1.20 0.00	38.54 -0.99 0.00	30.42 -0.39 0.00

CALVERTON___SOLAR 323806	33.63 3.13 0.00	33.20 2.88 0.00	25.79 2.24 0.00	29.53 2.41 0.00	28.31 2.40 0.00	28.54 2.32 0.00	32.06 2.55 0.00	27.54 2.20 0.00	25.56 2.26 -1.40	24.19 2.39 0.00	67.98 2.72 -42.11	54.57 3.26 -25.02	40.20 4.13 -2.09	68.72 5.11 -24.25	66.39 4.91 -20.60	284.32 5.30 -236.83	277.48 5.80 -223.87	274.43 13.28 -151.39	759.46 69.39 -50.76	220.13 10.50 -114.63	169.51 9.00 -74.60	110.92 5.08 -56.95	74.72 4.35 -30.83	52.50 3.42 -18.28
CANDIGU_WT_PWR 323617	30.37 -0.13 0.00	30.13 -0.19 0.00	23.42 -0.14 0.00	26.88 -0.24 0.00	25.65 -0.25 0.00	25.83 -0.39 0.00	28.90 -0.60 0.00	24.66 -0.69 0.00	21.71 -0.19 0.00	21.68 -0.13 0.00	23.11 -0.03 0.00	26.65 0.25 -0.10	34.81 0.42 -0.42	40.22 0.40 -0.46	41.83 0.40 -0.54	42.57 0.39 0.00	49.12 0.51 -0.80	112.57 0.91 -1.89	646.44 3.96 -3.17	96.39 -0.64 -2.03	87.48 -0.01 -1.58	49.80 -0.08 -0.99	40.12 -0.04 -0.63	31.22 0.16 -0.26
CARR STREET_E_SYR 24060	30.36 -0.14 0.00	30.09 -0.23 0.00	23.37 -0.18 0.00	26.90 -0.22 0.00	25.67 -0.24 0.00	25.91 -0.31 0.00	29.05 -0.46 0.00	24.90 -0.45 0.00	21.65 -0.26 0.00	21.56 -0.24 0.00	22.93 -0.21 0.00	26.47 -0.10 -0.27	35.04 -0.05 -1.11	40.47 -0.10 -1.21	42.30 -0.01 -1.43	42.23 0.05 0.00	50.05 0.13 -2.11	115.09 0.35 -4.97	650.03 2.37 -8.36	100.44 0.08 -5.36	90.17 0.10 -4.16	51.51 0.01 -2.61	41.13 -0.06 -1.66	31.41 -0.07 -0.68
CARTHAGE___PAPER 23857	29.82 -0.67 0.00	29.23 -1.09 0.00	22.67 -0.88 0.00	26.10 -1.02 0.00	25.23 -0.68 0.00	26.04 -0.18 0.00	29.52 0.02 0.00	25.39 0.05 0.00	22.04 0.13 0.00	21.77 -0.04 0.00	23.10 -0.05 0.00	26.60 -0.04 -0.34	35.39 -0.01 -1.41	40.59 -0.32 -1.54	42.41 -0.30 -1.82	41.65 -0.52 0.00	50.37 -0.13 -2.68	116.52 0.42 -6.34	660.37 10.42 -10.65	104.92 3.10 -6.82	94.85 3.64 -5.30	54.20 2.00 -3.32	42.97 1.33 -2.12	32.47 0.80 -0.86
CASSADAGA_WT_PWR 323784	30.11 -0.39 0.00	29.94 -0.38 0.00	23.45 -0.11 0.00	26.95 -0.18 0.00	25.86 -0.06 0.00	25.99 -0.24 0.00	29.00 -0.51 0.00	24.67 -0.67 0.00	21.89 -0.01 0.00	21.91 0.11 0.00	23.44 0.30 0.00	26.93 0.64 0.00	35.05 1.07 0.00	40.33 0.97 0.00	41.76 0.88 0.00	43.05 0.87 0.00	48.99 1.18 0.00	112.25 2.49 0.00	654.09 14.23 -0.57	95.65 0.65 0.00	87.00 1.09 0.00	49.42 0.54 0.00	39.92 0.39 0.00	31.43 0.62 0.00
CE_DUNWOOD___DRP 24194	33.09 2.60 0.00	32.85 2.53 0.00	25.48 1.92 0.00	29.10 1.97 0.00	27.77 1.86 0.00	27.99 1.76 0.00	31.32 1.82 0.00	26.90 1.55 0.00	23.47 1.56 0.00	23.56 1.76 0.00	25.02 1.88 0.00	28.63 2.34 0.00	37.04 3.06 0.00	43.06 3.69 0.00	44.57 3.68 0.00	45.97 3.79 0.00	51.98 4.17 0.00	119.34 9.57 0.00	689.60 50.30 0.00	102.02 7.02 0.00	95.79 6.17 -3.72	73.60 3.61 -21.10	42.61 3.08 0.00	33.24 2.44 0.00
CE_MILLWOOD___DRP 24193	33.02 2.52 0.00	32.77 2.45 0.00	25.42 1.86 0.00	29.03 1.90 0.00	27.70 1.79 0.00	27.92 1.70 0.00	31.26 1.75 0.00	26.84 1.50 0.00	23.41 1.51 0.00	23.50 1.69 0.00	24.95 1.81 0.00	28.55 2.25 0.00	36.92 2.94 0.00	42.94 3.58 0.00	44.45 3.57 0.00	45.84 3.66 0.00	51.84 4.03 0.00	119.00 9.24 0.00	687.96 48.66 0.00	101.76 6.77 0.00	95.52 5.92 -3.70	73.37 3.49 -21.00	42.50 2.97 0.00	33.15 2.34 0.00
CE_NYC2_DRP 24202	33.40 2.90 0.00	33.12 2.80 0.00	25.70 2.14 0.00	29.30 2.17 0.00	27.98 2.07 0.00	28.17 1.95 0.00	31.53 2.02 0.00	27.11 1.76 0.00	23.68 1.77 0.00	23.80 2.00 0.00	25.29 2.14 0.00	28.97 2.67 0.00	37.45 3.47 0.00	43.48 4.12 0.00	44.97 4.08 0.00	46.37 4.19 0.00	52.40 4.59 0.00	120.25 10.49 0.00	693.32 54.02 0.00	102.61 7.61 0.00	96.23 6.60 -3.72	73.90 3.86 -21.15	42.95 3.42 0.00	33.55 2.74 0.00
CE_NYC_DRP 24195	33.39 2.89 0.00	33.13 2.81 0.00	25.70 2.14 0.00	29.32 2.19 0.00	27.98 2.07 0.00	28.18 1.96 0.00	31.54 2.03 0.00	27.10 1.75 0.00	23.68 1.78 0.00	23.80 2.00 0.00	25.29 2.14 0.00	28.95 2.65 0.00	37.44 3.46 0.00	43.50 4.13 0.00	45.02 4.14 0.00	46.40 4.23 0.00	52.42 4.61 0.00	120.37 10.61 0.00	694.31 55.00 0.00	102.70 7.70 0.00	96.37 6.74 -3.72	73.96 3.92 -21.15	42.95 3.42 0.00	33.53 2.73 0.00
CHAFFEE___LFGE 323603	30.05 -0.45 0.00	29.85 -0.47 0.00	23.24 -0.32 0.00	26.69 -0.43 0.00	25.52 -0.39 0.00	25.66 -0.56 0.00	28.61 -0.90 0.00	24.21 -1.14 0.00	21.35 -0.56 0.00	21.26 -0.54 0.00	22.76 -0.39 0.00	26.04 -0.26 0.00	33.84 -0.14 0.00	39.11 -0.26 0.00	40.55 -0.34 0.00	42.04 -0.14 0.00	47.86 0.05 0.00	108.86 -0.90 0.00	634.31 -5.78 -0.79	93.24 -1.76 0.00	84.38 -1.54 0.00	48.00 -0.88 0.00	38.78 -0.76 0.00	30.64 -0.17 0.00
CHATEAUG_35_KV_LOAD 355732	29.98 -0.51 0.00	29.67 -0.65 0.00	22.87 -0.68 0.00	26.44 -0.69 0.00	25.24 -0.68 0.00	25.63 -0.59 0.00	29.08 -0.43 0.00	25.25 -0.09 0.00	21.78 -0.12 0.00	21.53 -0.27 0.00	22.86 -0.29 0.00	25.80 -0.49 0.00	33.22 -0.76 0.00	38.49 -0.88 0.00	39.97 -0.91 0.00	41.26 -0.91 0.00	46.78 -1.03 0.00	107.30 -2.46 0.00	626.66 -12.63 0.00	94.04 -0.95 0.00	85.26 -0.65 0.00	48.48 -0.41 0.00	38.96 -0.56 0.00	30.24 -0.56 0.00
CHATEAUG_WT_PWR 323614	30.06 -0.43 0.00	29.75 -0.57 0.00	22.91 -0.64 0.00	26.47 -0.66 0.00	25.26 -0.65 0.00	25.66 -0.56 0.00	29.11 -0.39 0.00	25.31 -0.04 0.00	21.84 -0.07 0.00	21.61 -0.19 0.00	22.93 -0.21 0.00	25.92 -0.38 0.00	33.36 -0.61 0.00	38.69 -0.68 0.00	40.19 -0.70 0.00	41.47 -0.70 0.00	47.04 -0.77 0.00	107.89 -1.88 0.00	629.91 -9.39 0.00	94.32 -0.68 0.00	85.44 -0.47 0.00	48.61 -0.28 0.00	39.06 -0.46 0.00	30.29 -0.52 0.00
CHAT_HIGH_FALL_HYD 323578	29.98 -0.51 0.00	29.67 -0.65 0.00	22.87 -0.68 0.00	26.44 -0.69 0.00	25.24 -0.68 0.00	25.63 -0.59 0.00	29.08 -0.43 0.00	25.25 -0.09 0.00	21.78 -0.12 0.00	21.53 -0.27 0.00	22.86 -0.29 0.00	25.80 -0.49 0.00	33.22 -0.76 0.00	38.49 -0.88 0.00	39.97 -0.91 0.00	41.26 -0.91 0.00	46.78 -1.03 0.00	107.30 -2.46 0.00	626.66 -12.63 0.00	94.04 -0.95 0.00	85.26 -0.65 0.00	48.48 -0.41 0.00	38.96 -0.56 0.00	30.24 -0.56 0.00
CHAUTAUQUA___LFGE 323629	30.10 -0.40 0.00	29.92 -0.39 0.00	23.36 -0.20 0.00	26.82 -0.30 0.00	25.68 -0.23 0.00	25.81 -0.41 0.00	28.82 -0.69 0.00	24.45 -0.89 0.00	21.63 -0.28 0.00	21.59 -0.21 0.00	23.10 -0.04 0.00	26.54 0.24 0.00	34.53 0.55 0.00	39.74 0.38 0.00	41.21 0.33 0.00	42.54 0.37 0.00	48.38 0.57 0.00	110.61 0.85 0.00	644.53 4.64 -0.59	94.21 -0.78 0.00	85.78 -0.13 0.00	48.76 -0.13 0.00	39.37 -0.16 0.00	31.01 0.21 0.00
CHERRYST_13_KV_LD 356241	33.49 3.00 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.40 2.28 0.00	28.07 2.16 0.00	28.27 2.05 0.00	31.64 2.14 0.00	27.18 1.84 0.00	23.76 1.86 0.00	23.88 2.08 0.00	25.38 2.23 0.00	29.06 2.76 0.00	37.58 3.60 0.00	43.67 4.30 0.00	45.20 4.32 0.00	46.57 4.40 0.00	52.64 4.83 0.00	120.82 11.06 0.00	696.94 57.63 0.00	103.09 8.09 0.00	96.73 7.09 -3.72	74.15 4.12 -21.15	43.11 3.58 0.00	33.66 2.86 0.00

CHESTROR_138KV_BK263 355645	32.62 2.12 0.00	32.38 2.06 0.00	25.12 1.56 0.00	28.70 1.58 0.00	27.39 1.48 0.00	27.62 1.40 0.00	30.93 1.42 0.00	26.54 1.20 0.00	23.12 1.21 0.00	23.18 1.38 0.00	24.61 1.47 0.00	28.14 1.85 0.00	36.42 2.45 0.00	42.38 3.01 0.00	43.90 3.02 0.00	45.28 3.10 0.00	51.24 3.43 0.00	117.64 7.88 0.00	681.05 41.75 0.00	100.80 5.80 0.00	94.36 5.08 -3.37	71.00 2.99 -19.12	42.03 2.50 0.00	32.75 1.94 0.00
CH_MIDHUDSON___DRP 24192	32.93 2.43 0.00	32.67 2.35 0.00	25.32 1.76 0.00	28.95 1.82 0.00	27.63 1.72 0.00	27.86 1.64 0.00	31.20 1.70 0.00	26.79 1.45 0.00	23.33 1.42 0.00	23.39 1.59 0.00	24.84 1.69 0.00	28.42 2.12 0.00	36.78 2.80 0.00	42.78 3.41 0.00	44.35 3.47 0.00	45.78 3.60 0.00	51.84 4.03 0.00	119.10 9.34 0.00	690.07 50.77 0.00	102.15 7.15 0.00	96.14 6.23 -4.01	75.22 3.59 -22.75	42.54 3.01 0.00	33.11 2.31 0.00
CH_MISC_IPPS 23765	33.19 2.69 0.00	32.91 2.59 0.00	25.51 1.95 0.00	29.14 2.02 0.00	27.80 1.89 0.00	28.03 1.81 0.00	31.39 1.88 0.00	26.95 1.60 0.00	23.49 1.58 0.00	23.56 1.76 0.00	25.06 1.91 0.00	28.68 2.38 0.00	37.14 3.16 0.00	43.22 3.85 0.00	44.82 3.94 0.00	46.27 4.09 0.00	52.40 4.59 0.00	120.37 10.61 0.00	697.21 57.91 0.00	103.14 8.14 0.00	96.89 7.09 -3.90	75.10 4.08 -22.13	42.91 3.38 0.00	33.39 2.58 0.00
CH_RES_BVR_FALLS 23983	29.93 -0.57 0.00	29.74 -0.58 0.00	23.09 -0.47 0.00	26.64 -0.49 0.00	25.44 -0.48 0.00	25.87 -0.36 0.00	29.23 -0.28 0.00	25.21 -0.14 0.00	21.76 -0.15 0.00	21.63 -0.17 0.00	22.96 -0.18 0.00	26.02 -0.28 0.00	33.55 -0.43 0.00	38.82 -0.54 0.00	40.32 -0.57 0.00	41.55 -0.63 0.00	47.14 -0.67 0.00	108.25 -1.51 0.00	631.59 -7.71 0.00	94.07 -0.93 0.00	85.05 -0.86 0.00	48.39 -0.49 0.00	39.07 -0.46 0.00	30.45 -0.36 0.00
CH_RES_NIAGARA 23895	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.83 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.06 0.00	20.48 -1.43 0.00	20.32 -1.49 0.00	21.72 -1.43 0.00	24.77 -1.53 0.00	32.13 -1.85 0.00	37.20 -2.17 0.00	38.58 -2.30 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.24 -42.83 4.23	88.18 -6.81 0.00	79.76 -6.15 0.00	45.48 -3.40 0.00	36.77 -2.76 0.00	29.15 -1.66 0.00
CH_RES_SYRACUSE 23985	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.06 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.05 -9.16	661.25 6.56 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25
CLINTON_WT_PWR 323605	30.06 -0.43 0.00	29.75 -0.57 0.00	22.91 -0.64 0.00	26.47 -0.66 0.00	25.26 -0.65 0.00	25.66 -0.56 0.00	29.11 -0.39 0.00	25.31 -0.04 0.00	21.84 -0.07 0.00	21.61 -0.19 0.00	22.93 -0.21 0.00	25.92 -0.38 0.00	33.36 -0.61 0.00	38.69 -0.68 0.00	40.19 -0.70 0.00	41.47 -0.70 0.00	47.04 -0.77 0.00	107.89 -1.88 0.00	629.91 -9.39 0.00	94.32 -0.68 0.00	85.44 -0.47 0.00	48.61 -0.28 0.00	39.06 -0.46 0.00	30.29 -0.52 0.00
CLINTON___LFGE 323618	30.55 0.05 0.00	30.21 -0.11 0.00	23.18 -0.37 0.00	26.78 -0.34 0.00	25.58 -0.33 0.00	25.97 -0.25 0.00	29.48 -0.03 0.00	25.65 0.30 0.00	22.15 0.25 0.00	21.91 0.11 0.00	23.32 0.17 0.00	26.37 0.07 0.00	33.90 -0.08 0.00	39.34 -0.03 0.00	40.87 -0.01 0.00	42.16 -0.01 0.00	47.88 0.07 0.00	109.85 0.09 0.00	642.43 3.13 0.00	96.20 1.20 0.00	87.15 1.24 0.00	49.58 0.69 0.00	39.78 0.25 0.00	30.76 -0.04 0.00
COBBLENY_34_KV_TB1 80064	30.05 -0.45 0.00	29.85 -0.47 0.00	23.24 -0.32 0.00	26.69 -0.43 0.00	25.52 -0.39 0.00	25.66 -0.56 0.00	28.60 -0.90 0.00	24.21 -1.14 0.00	21.35 -0.56 0.00	21.25 -0.55 0.00	22.76 -0.39 0.00	26.03 -0.27 0.00	33.84 -0.14 0.00	39.10 -0.27 0.00	40.56 -0.32 0.00	42.04 -0.13 0.00	47.86 0.05 0.00	108.85 -0.91 0.00	634.46 -5.63 -0.79	93.23 -1.77 0.00	84.37 -1.54 0.00	47.98 -0.90 0.00	38.78 -0.75 0.00	30.62 -0.18 0.00
COFFEEN___115KV_TB3 355620	30.02 -0.48 0.00	29.36 -0.96 0.00	22.77 -0.79 0.00	26.20 -0.93 0.00	25.33 -0.58 0.00	26.13 -0.09 0.00	29.59 0.09 0.00	25.40 0.05 0.00	22.08 0.18 0.00	21.79 -0.01 0.00	23.11 -0.03 0.00	26.73 0.01 -0.42	35.68 -0.03 -1.73	40.98 -0.27 -1.88	42.90 -0.21 -2.22	41.74 -0.44 0.00	51.21 0.12 -3.28	118.33 0.82 -7.74	664.85 12.54 -13.01	107.03 3.70 -8.34	96.93 4.54 -6.48	55.48 2.54 -4.06	43.84 1.72 -2.59	32.92 1.06 -1.05
COLDSPRG_115KV_BK1 355956	30.68 0.18 0.00	30.46 0.14 0.00	23.75 0.19 0.00	27.24 0.11 0.00	26.05 0.14 0.00	26.19 -0.03 0.00	29.23 -0.28 0.00	24.88 -0.46 0.00	22.04 0.13 0.00	22.06 0.25 0.00	23.59 0.44 0.00	27.10 0.81 0.00	35.22 1.24 0.00	40.49 1.12 0.00	41.89 1.00 0.00	43.21 1.03 0.00	49.13 1.31 0.00	112.22 2.46 0.00	652.72 12.87 -0.54	95.59 0.59 0.00	86.86 0.95 0.00	49.40 0.51 0.00	40.07 0.54 0.00	31.56 0.75 0.00
COLONIE_LFGE___ 323577	32.13 1.63 0.00	31.91 1.59 0.00	24.80 1.24 0.00	28.51 1.38 0.00	27.27 1.36 0.00	27.55 1.33 0.00	30.85 1.34 0.00	26.42 1.07 0.00	22.77 0.87 0.00	22.63 0.83 0.00	23.92 0.77 0.00	27.29 0.99 0.00	35.28 1.30 0.00	41.00 1.63 0.00	42.60 1.71 0.00	43.92 1.75 0.00	49.77 1.96 0.00	114.65 4.89 0.00	670.37 31.07 0.00	99.75 4.75 0.00	125.16 4.33 -34.92	249.71 2.44 -198.39	41.47 1.94 0.00	32.26 1.45 0.00
COOPERNY_115KV_TB1 80082	32.04 1.54 0.00	31.80 1.48 0.00	24.69 1.14 0.00	28.26 1.13 0.00	26.98 1.07 0.00	27.24 1.01 0.00	30.53 1.02 0.00	26.18 0.84 0.00	22.77 0.87 0.00	22.80 1.00 0.00	24.21 1.07 0.00	27.67 1.37 0.00	35.81 1.83 0.00	41.59 2.23 0.00	43.10 2.21 0.00	44.45 2.27 0.00	50.32 2.51 0.00	115.45 5.69 0.00	669.42 30.11 0.00	99.12 4.13 0.00	92.14 3.65 -2.58	65.70 2.16 -14.66	41.35 1.82 0.00	32.22 1.41 0.00
COPENHAGEN_WT_PWR 323753	29.49 -1.00 0.00	28.83 -1.49 0.00	22.35 -1.20 0.00	25.78 -1.35 0.00	24.96 -0.96 0.00	25.80 -0.43 0.00	29.26 -0.25 0.00	25.16 -0.18 0.00	21.90 0.00 0.00	21.63 -0.17 0.00	22.94 -0.20 0.00	26.56 -0.18 -0.44	35.53 -0.26 -1.81	40.79 -0.55 -1.97	42.65 -0.56 -2.33	41.39 -0.79 0.00	50.89 -0.36 -3.44	117.71 -0.17 -8.12	659.36 6.42 -13.64	106.26 2.52 -8.74	95.95 3.24 -6.80	54.93 1.79 -4.26	43.42 1.18 -2.71	32.60 0.69 -1.10
CORNELL_____ 23752	31.33 0.83 0.00	31.00 0.68 0.00	24.06 0.50 0.00	27.66 0.53 0.00	26.37 0.46 0.00	26.64 0.41 0.00	29.86 0.35 0.00	25.57 0.22 0.00	22.22 0.32 0.00	22.10 0.30 0.00	23.50 0.36 0.00	27.14 0.58 -0.26	35.93 0.88 -1.06	41.51 0.99 -1.16	43.31 1.06 -1.37	43.36 1.18 0.00	51.34 1.51 -2.02	118.22 3.70 -4.77	670.64 23.33 -8.01	103.40 3.26 -5.13	94.36 3.32 -5.13	59.63 1.77 -8.98	42.45 1.33 -1.59	32.42 0.97 -0.65

CORONA_69_KV_TB1 355595	33.77 3.28 0.00	33.42 3.10 0.00	25.92 2.36 0.00	29.62 2.49 0.00	28.29 2.38 0.00	28.48 2.26 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.34 2.04 -1.39	24.00 2.20 0.00	40.41 2.48 -14.79	39.86 3.05 -10.51	40.04 3.98 -2.09	80.05 4.72 -35.96	49.48 4.58 -4.01	61.81 4.84 -14.79	62.19 5.14 -9.24	121.27 11.51 0.00	723.54 62.96 -21.27	127.85 9.10 -23.75	100.15 7.88 -6.36	105.22 4.55 -51.79	62.76 4.05 -19.18	56.30 3.23 -22.26
CORTLAND_115KV_TB3 80093	31.12 0.62 0.00	30.83 0.51 0.00	23.94 0.38 0.00	27.51 0.38 0.00	26.25 0.34 0.00	26.53 0.30 0.00	29.75 0.24 0.00	25.47 0.12 0.00	22.12 0.22 0.00	22.01 0.21 0.00	23.42 0.27 0.00	27.05 0.49 -0.26	35.77 0.74 -1.06	41.33 0.82 -1.15	43.09 0.85 -1.36	43.12 0.94 0.00	50.95 1.14 -2.00	117.20 2.71 -4.73	664.62 17.38 -7.94	102.47 2.38 -5.09	92.40 2.54 -3.96	52.72 1.36 -2.48	42.13 1.03 -1.58	32.19 0.74 -0.64
COXSACKIE__GT 23611	33.17 2.67 0.00	32.83 2.51 0.00	25.62 2.07 0.00	29.44 2.32 0.00	28.11 2.20 0.00	28.40 2.18 0.00	31.76 2.26 0.00	27.15 1.80 0.00	23.31 1.41 0.00	22.96 1.16 0.00	24.30 1.16 0.00	27.79 1.49 0.00	36.05 2.08 0.00	42.05 2.68 0.00	43.79 2.91 0.00	45.26 3.08 0.00	51.55 3.74 0.00	119.22 9.46 0.00	705.01 65.71 0.00	104.76 9.76 0.00	109.82 8.78 -15.14	139.55 4.69 -85.98	43.12 3.59 0.00	33.33 2.53 0.00
CPV_VALLEY__CC1 323721	32.30 1.80 0.00	32.08 1.76 0.00	24.90 1.34 0.00	28.46 1.33 0.00	27.16 1.25 0.00	27.40 1.18 0.00	30.69 1.18 0.00	26.34 0.99 0.00	22.94 1.03 0.00	22.99 1.18 0.00	24.40 1.25 0.00	27.89 1.59 0.00	36.08 2.10 0.00	41.95 2.59 0.00	43.46 2.58 0.00	44.82 2.64 0.00	50.71 2.90 0.00	116.36 6.60 0.00	673.85 34.55 0.00	99.75 4.75 0.00	93.09 4.14 -3.04	68.64 2.47 -17.29	41.62 2.09 0.00	32.44 1.63 0.00
CPV_VALLEY__CC2 323722	32.30 1.80 0.00	32.08 1.76 0.00	24.90 1.34 0.00	28.46 1.33 0.00	27.16 1.25 0.00	27.40 1.18 0.00	30.69 1.18 0.00	26.34 0.99 0.00	22.94 1.03 0.00	22.99 1.18 0.00	24.40 1.25 0.00	27.89 1.59 0.00	36.08 2.10 0.00	41.95 2.59 0.00	43.46 2.58 0.00	44.82 2.64 0.00	50.71 2.90 0.00	116.36 6.60 0.00	673.85 34.55 0.00	99.75 4.75 0.00	93.09 4.14 -3.04	68.64 2.47 -17.29	41.62 2.09 0.00	32.44 1.63 0.00
CRESCENT__HYD 24018	32.13 1.63 0.00	31.91 1.59 0.00	24.80 1.24 0.00	28.51 1.38 0.00	27.27 1.36 0.00	27.55 1.33 0.00	30.85 1.34 0.00	26.42 1.07 0.00	22.77 0.87 0.00	22.63 0.83 0.00	23.92 0.77 0.00	27.29 0.99 0.00	35.28 1.30 0.00	41.00 1.63 0.00	42.60 1.71 0.00	43.92 1.75 0.00	49.77 1.96 0.00	114.65 4.89 0.00	670.37 31.07 0.00	99.75 4.75 0.00	125.16 4.33 -34.92	249.71 2.44 -198.39	41.47 1.94 0.00	32.26 1.45 0.00
CRICKET__VALLEY_CC1 323756	32.45 1.96 0.00	32.23 1.91 0.00	24.94 1.38 0.00	28.55 1.43 0.00	27.27 1.37 0.00	27.52 1.29 0.00	30.81 1.31 0.00	26.48 1.14 0.00	23.03 1.13 0.00	23.04 1.24 0.00	24.42 1.28 0.00	27.90 1.60 0.00	36.07 2.09 0.00	41.96 2.59 0.00	43.51 2.62 0.00	44.90 2.72 0.00	50.86 3.05 0.00	116.99 7.23 0.00	679.97 40.66 0.00	100.75 5.75 0.00	95.55 5.02 -4.61	77.98 2.89 -26.21	41.96 2.43 0.00	32.64 1.83 0.00
CRICKET__VALLEY_CC2 323757	32.45 1.96 0.00	32.23 1.91 0.00	24.94 1.38 0.00	28.55 1.43 0.00	27.27 1.37 0.00	27.52 1.29 0.00	30.81 1.31 0.00	26.48 1.14 0.00	23.03 1.13 0.00	23.04 1.24 0.00	24.42 1.28 0.00	27.90 1.60 0.00	36.07 2.09 0.00	41.96 2.59 0.00	43.51 2.62 0.00	44.90 2.72 0.00	50.86 3.05 0.00	116.99 7.23 0.00	679.97 40.66 0.00	100.75 5.75 0.00	95.55 5.02 -4.61	77.98 2.89 -26.21	41.96 2.43 0.00	32.64 1.83 0.00
CRICKET__VALLEY_CC3 323758	32.45 1.96 0.00	32.23 1.91 0.00	24.94 1.38 0.00	28.55 1.43 0.00	27.27 1.37 0.00	27.52 1.29 0.00	30.81 1.31 0.00	26.48 1.14 0.00	23.03 1.13 0.00	23.04 1.24 0.00	24.42 1.28 0.00	27.90 1.60 0.00	36.07 2.09 0.00	41.96 2.59 0.00	43.51 2.62 0.00	44.90 2.72 0.00	50.86 3.05 0.00	116.99 7.23 0.00	679.97 40.66 0.00	100.75 5.75 0.00	95.55 5.02 -4.61	77.98 2.89 -26.21	41.96 2.43 0.00	32.64 1.83 0.00
CRUCIBLE_METL_DRP 24180	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.07 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.06 -9.16	661.17 6.48 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25
DAHOWA__HYDRO 323763	32.79 2.29 0.00	32.47 2.15 0.00	25.10 1.55 0.00	28.88 1.75 0.00	27.65 1.74 0.00	27.96 1.74 0.00	31.31 1.80 0.00	26.82 1.48 0.00	23.04 1.13 0.00	22.89 1.09 0.00	24.19 1.04 0.00	27.64 1.34 0.00	35.73 1.75 0.00	41.52 2.15 0.00	43.23 2.35 0.00	44.59 2.41 0.00	50.75 2.94 0.00	117.20 7.44 0.00	688.19 48.89 0.00	102.57 7.57 0.00	133.19 6.85 -40.43	282.32 3.79 -229.65	42.43 2.90 0.00	32.89 2.09 0.00
DANC__LFGE 323619	29.73 -0.77 0.00	29.22 -1.10 0.00	22.68 -0.88 0.00	26.13 -1.00 0.00	25.14 -0.77 0.00	25.73 -0.49 0.00	29.07 -0.44 0.00	24.96 -0.39 0.00	21.71 -0.19 0.00	21.51 -0.30 0.00	22.83 -0.31 0.00	26.57 -0.28 -0.55	35.89 -0.36 -2.27	41.27 -0.56 -2.47	43.18 -0.62 -2.92	41.41 -0.77 0.00	51.62 -0.50 -4.31	119.20 -0.74 -10.17	657.08 0.68 -17.10	107.02 1.06 -10.96	96.02 1.60 -8.52	55.12 0.90 -5.34	43.50 0.57 -3.40	32.51 0.32 -1.38
DANSKAMMER__1 23586	33.19 2.69 0.00	32.91 2.59 0.00	25.51 1.95 0.00	29.14 2.02 0.00	27.80 1.89 0.00	28.03 1.81 0.00	31.39 1.88 0.00	26.95 1.60 0.00	23.49 1.58 0.00	23.56 1.76 0.00	25.06 1.91 0.00	28.68 2.38 0.00	37.14 3.16 0.00	43.22 3.85 0.00	44.82 3.94 0.00	46.27 4.09 0.00	52.40 4.59 0.00	120.37 10.61 0.00	697.21 57.91 0.00	103.14 8.14 0.00	96.89 7.09 -3.90	75.10 4.08 -22.13	42.91 3.38 0.00	33.39 2.58 0.00
DANSKAMMER__2 23589	33.19 2.69 0.00	32.91 2.59 0.00	25.51 1.95 0.00	29.14 2.02 0.00	27.80 1.89 0.00	28.03 1.81 0.00	31.39 1.88 0.00	26.95 1.60 0.00	23.49 1.58 0.00	23.56 1.76 0.00	25.06 1.91 0.00	28.68 2.38 0.00	37.14 3.16 0.00	43.22 3.85 0.00	44.82 3.94 0.00	46.27 4.09 0.00	52.40 4.59 0.00	120.37 10.61 0.00	697.21 57.91 0.00	103.14 8.14 0.00	96.89 7.09 -3.90	75.10 4.08 -22.13	42.91 3.38 0.00	33.39 2.58 0.00
DANSKAMMER__3 23590	33.19 2.69 0.00	32.91 2.59 0.00	25.51 1.95 0.00	29.14 2.02 0.00	27.80 1.89 0.00	28.03 1.81 0.00	31.39 1.88 0.00	26.95 1.60 0.00	23.49 1.58 0.00	23.56 1.76 0.00	25.06 1.91 0.00	28.68 2.38 0.00	37.14 3.16 0.00	43.22 3.85 0.00	44.82 3.94 0.00	46.27 4.09 0.00	52.40 4.59 0.00	120.37 10.61 0.00	697.21 57.91 0.00	103.14 8.14 0.00	96.89 7.09 -3.90	75.10 4.08 -22.13	42.91 3.38 0.00	33.39 2.58 0.00

DANSKAMMER___4 23591	33.19 2.69 0.00	32.91 2.59 0.00	25.51 1.95 0.00	29.14 2.02 0.00	27.80 1.89 0.00	28.03 1.81 0.00	31.39 1.88 0.00	26.95 1.60 0.00	23.49 1.58 0.00	23.56 1.76 0.00	25.06 1.91 0.00	28.68 2.38 0.00	37.14 3.16 0.00	43.22 3.85 0.00	44.82 3.94 0.00	46.27 4.09 0.00	52.40 4.59 0.00	120.37 10.61 0.00	697.21 57.91 0.00	103.14 8.14 0.00	96.89 7.09 -3.90	75.10 4.08 -22.13	42.91 3.38 0.00	33.39 2.58 0.00
DANSKAMMER___DIESEL 23592	33.19 2.69 0.00	32.91 2.59 0.00	25.51 1.95 0.00	29.14 2.02 0.00	27.80 1.89 0.00	28.04 1.81 0.00	31.38 1.88 0.00	26.95 1.60 0.00	23.48 1.58 0.00	23.56 1.76 0.00	25.05 1.90 0.00	28.68 2.38 0.00	37.14 3.16 0.00	43.22 3.85 0.00	44.82 3.93 0.00	46.27 4.09 0.00	52.40 4.59 0.00	120.37 10.61 0.00	697.15 57.85 0.00	103.14 8.14 0.00	96.89 7.09 -3.90	75.10 4.08 -22.13	42.91 3.38 0.00	33.39 2.59 0.00
DARBY___SOLAR 323810	32.64 2.14 0.00	32.33 2.01 0.00	25.02 1.46 0.00	28.78 1.65 0.00	27.54 1.63 0.00	27.85 1.62 0.00	31.18 1.67 0.00	26.71 1.36 0.00	22.96 1.05 0.00	22.80 1.00 0.00	24.10 0.95 0.00	27.52 1.22 0.00	35.59 1.61 0.00	41.34 1.97 0.00	43.03 2.14 0.00	44.38 2.20 0.00	50.48 2.67 0.00	116.56 6.80 0.00	683.73 44.43 0.00	101.89 6.90 0.00	131.96 6.25 -39.79	278.38 3.48 -226.02	42.21 2.68 0.00	32.74 1.94 0.00
DASHVILLE___HYD 23610	32.79 2.29 0.00	32.53 2.21 0.00	25.20 1.64 0.00	28.79 1.66 0.00	27.47 1.55 0.00	27.70 1.48 0.00	31.03 1.52 0.00	26.64 1.30 0.00	23.24 1.34 0.00	23.38 1.57 0.00	24.83 1.68 0.00	28.42 2.12 0.00	36.78 2.80 0.00	42.75 3.38 0.00	44.34 3.45 0.00	45.78 3.60 0.00	51.77 3.96 0.00	118.47 8.70 0.00	685.15 45.85 0.00	101.28 6.28 0.00	97.92 5.39 -6.62	89.58 3.09 -37.60	42.27 2.74 0.00	32.93 2.13 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	33.88 3.38 0.00	33.41 3.09 0.00	25.96 2.40 0.00	29.74 2.62 0.00	28.68 2.77 0.00	29.04 2.82 0.00	32.76 3.25 0.00	28.20 2.86 0.00	26.22 2.92 -1.39	24.87 3.06 0.00	68.86 3.52 -42.20	55.57 4.21 -25.06	41.32 5.25 -2.09	70.18 6.48 -24.33	68.02 6.42 -20.72	286.83 6.90 -237.75	280.95 7.63 -225.50	279.88 17.51 -152.61	783.83 93.22 -51.31	224.32 13.71 -115.62	172.74 11.75 -75.08	112.67 6.81 -56.97	76.08 5.67 -30.88	53.44 4.36 -18.27
DELAWARE___LFGE 323621	31.73 1.23 0.00	31.48 1.17 0.00	24.51 0.95 0.00	28.14 1.02 0.00	26.90 0.99 0.00	27.25 1.03 0.00	30.55 1.05 0.00	26.13 0.78 0.00	22.65 0.74 0.00	22.63 0.82 0.00	24.05 0.91 0.00	27.54 1.15 -0.08	35.86 1.54 -0.34	41.56 1.82 -0.37	43.18 1.86 -0.44	44.09 1.92 0.00	50.56 2.10 -0.65	115.84 4.55 -1.53	667.12 25.26 -2.57	100.16 3.52 -1.64	95.83 3.22 -6.70	82.35 1.86 -31.61	41.65 1.61 -0.51	32.26 1.25 -0.21
DERFIELD_115KV_TB7 355931	30.77 0.28 0.00	30.57 0.25 0.00	23.77 0.21 0.00	27.34 0.22 0.00	26.13 0.22 0.00	26.46 0.24 0.00	29.72 0.21 0.00	25.48 0.14 0.00	22.03 0.13 0.00	21.94 0.14 0.00	23.29 0.14 0.00	26.51 0.21 0.00	34.28 0.31 0.00	39.76 0.39 0.00	41.27 0.39 0.00	42.58 0.40 0.00	48.24 0.43 0.00	110.74 0.98 0.00	645.06 5.76 0.00	95.85 0.86 0.00	86.68 0.77 0.00	49.33 0.44 0.00	39.93 0.39 0.00	31.09 0.29 0.00
DOGLEVILLE___HYD 23807	31.79 1.30 0.00	31.50 1.19 0.00	24.52 0.96 0.00	28.12 0.99 0.00	26.90 0.99 0.00	27.19 0.96 0.00	30.32 0.81 0.00	25.68 0.33 0.00	22.03 0.13 0.00	21.88 0.08 0.00	23.19 0.05 0.00	26.62 0.32 0.00	34.45 0.47 0.00	40.10 0.73 0.00	41.67 0.79 0.00	43.08 0.90 0.00	48.71 0.90 0.00	112.59 2.82 0.00	661.18 21.88 0.00	98.59 3.59 0.00	89.74 3.83 0.00	51.03 2.14 0.00	41.27 1.74 0.00	31.94 1.14 0.00
DUNKIRK___115KV_TB_200 55889	30.09 -0.41 0.00	29.92 -0.40 0.00	23.35 -0.21 0.00	26.79 -0.33 0.00	25.64 -0.27 0.00	25.78 -0.44 0.00	28.77 -0.73 0.00	24.42 -0.92 0.00	21.58 -0.32 0.00	21.55 -0.25 0.00	23.07 -0.08 0.00	26.49 0.19 0.00	34.45 0.48 0.00	39.66 0.30 0.00	41.16 0.27 0.00	42.47 0.29 0.00	48.29 0.48 0.00	110.39 0.63 0.00	643.25 3.36 -0.59	94.01 -0.99 0.00	85.58 -0.34 0.00	48.63 -0.25 0.00	39.27 -0.26 0.00	30.92 0.11 0.00
DUNKIRK___1 23563	30.09 -0.41 0.00	29.92 -0.40 0.00	23.35 -0.21 0.00	26.79 -0.33 0.00	25.64 -0.27 0.00	25.78 -0.44 0.00	28.77 -0.73 0.00	24.42 -0.92 0.00	21.58 -0.32 0.00	21.55 -0.25 0.00	23.07 -0.08 0.00	26.49 0.19 0.00	34.45 0.48 0.00	39.66 0.30 0.00	41.16 0.27 0.00	42.47 0.29 0.00	48.29 0.48 0.00	110.39 0.63 0.00	643.25 3.36 -0.59	94.01 -0.99 0.00	85.58 -0.34 0.00	48.63 -0.25 0.00	39.27 -0.26 0.00	30.92 0.11 0.00
DUNKIRK___2 23564	30.09 -0.41 0.00	29.92 -0.40 0.00	23.35 -0.21 0.00	26.79 -0.33 0.00	25.64 -0.27 0.00	25.78 -0.44 0.00	28.77 -0.73 0.00	24.42 -0.92 0.00	21.58 -0.32 0.00	21.55 -0.25 0.00	23.07 -0.08 0.00	26.49 0.19 0.00	34.45 0.48 0.00	39.66 0.30 0.00	41.16 0.27 0.00	42.47 0.29 0.00	48.29 0.48 0.00	110.39 0.63 0.00	643.25 3.36 -0.59	94.01 -0.99 0.00	85.58 -0.34 0.00	48.63 -0.25 0.00	39.27 -0.26 0.00	30.92 0.11 0.00
DUNKIRK___3 23565	29.99 -0.50 0.00	29.82 -0.50 0.00	23.25 -0.30 0.00	26.69 -0.43 0.00	25.53 -0.38 0.00	25.67 -0.55 0.00	28.65 -0.85 0.00	24.30 -1.05 0.00	21.45 -0.45 0.00	21.40 -0.40 0.00	22.90 -0.25 0.00	26.28 -0.02 0.00	34.17 0.19 0.00	39.37 0.00 0.00	40.86 -0.03 0.00	42.20 0.02 0.00	47.97 0.16 0.00	109.48 -0.28 0.00	637.51 -2.31 -0.52	93.32 -1.68 0.00	84.83 -1.08 0.00	48.23 -0.65 0.00	38.97 -0.56 0.00	30.70 -0.11 0.00
DUNKIRK___4 23566	29.99 -0.50 0.00	29.82 -0.50 0.00	23.25 -0.30 0.00	26.69 -0.43 0.00	25.53 -0.38 0.00	25.67 -0.55 0.00	28.65 -0.85 0.00	24.30 -1.05 0.00	21.45 -0.45 0.00	21.40 -0.40 0.00	22.90 -0.25 0.00	26.28 -0.02 0.00	34.17 0.19 0.00	39.37 0.00 0.00	40.86 -0.03 0.00	42.20 0.02 0.00	47.97 0.16 0.00	109.48 -0.28 0.00	637.51 -2.31 -0.52	93.32 -1.68 0.00	84.83 -1.08 0.00	48.23 -0.65 0.00	38.97 -0.56 0.00	30.70 -0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.20 2.71 0.00	32.94 2.63 0.00	25.55 1.99 0.00	29.17 2.05 0.00	27.85 1.94 0.00	28.06 1.84 0.00	31.41 1.90 0.00	26.97 1.63 0.00	23.55 1.64 0.00	23.63 1.83 0.00	25.11 1.96 0.00	28.74 2.44 0.00	37.16 3.18 0.00	43.19 3.82 0.00	44.70 3.81 0.00	46.10 3.92 0.00	52.13 4.32 0.00	119.70 9.93 0.00	691.44 52.14 0.00	102.28 7.28 0.00	96.00 6.37 -3.72	73.77 3.73 -21.15	42.74 3.21 0.00	33.36 2.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.89 2.39 0.00	32.64 2.32 0.00	25.30 1.74 0.00	28.90 1.78 0.00	27.57 1.66 0.00	27.80 1.58 0.00	31.13 1.62 0.00	26.72 1.37 0.00	23.28 1.38 0.00	23.36 1.56 0.00	24.82 1.67 0.00	28.40 2.10 0.00	36.76 2.78 0.00	42.77 3.41 0.00	44.32 3.43 0.00	45.74 3.56 0.00	51.77 3.96 0.00	118.90 9.13 0.00	688.28 48.98 0.00	101.83 6.84 0.00	95.63 5.98 -3.75	73.65 3.49 -21.27	42.44 2.91 0.00	33.05 2.24 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.24 2.74 0.00	32.97 2.65 0.00	25.61 2.05 0.00	29.18 2.06 0.00	27.87 1.97 0.00	28.08 1.86 0.00	31.38 1.88 0.00	27.01 1.67 0.00	23.59 1.69 0.00	23.72 1.92 0.00	25.17 2.03 0.00	28.82 2.52 0.00	37.27 3.29 0.00	43.34 3.98 0.00	44.86 3.98 0.00	46.29 4.11 0.00	52.29 4.48 0.00	119.86 10.10 0.00	691.32 52.02 0.00	102.35 7.35 0.00	96.05 6.41 -3.72	73.75 3.72 -21.15	42.81 3.28 0.00	33.41 2.60 0.00
E179THST_13_KV_LOAD 356214	33.46 2.96 0.00	33.18 2.86 0.00	25.77 2.21 0.00	29.35 2.23 0.00	28.04 2.13 0.00	28.24 2.01 0.00	31.56 2.06 0.00	27.16 1.82 0.00	23.73 1.83 0.00	23.86 2.06 0.00	25.32 2.18 0.00	29.00 2.71 0.00	37.52 3.54 0.00	43.62 4.25 0.00	45.15 4.27 0.00	46.59 4.42 0.00	52.64 4.83 0.00	120.67 10.91 0.00	696.05 56.75 0.00	103.06 8.06 0.00	96.68 7.05 -3.72	74.11 4.07 -21.15	43.10 3.57 0.00	33.63 2.82 0.00
EAST HAMPTON___GT 23717	33.69 3.20 0.00	33.21 2.89 0.00	25.82 2.26 0.00	29.63 2.50 0.00	28.79 2.88 0.00	29.34 3.11 0.00	33.27 3.76 0.00	28.71 3.36 0.00	26.73 3.43 -1.40	25.33 3.53 0.00	69.42 4.06 -42.21	56.14 4.78 -25.07	41.82 5.75 -2.09	70.87 7.17 -24.33	68.83 7.22 -20.73	287.75 7.77 -237.81	281.96 8.53 -225.62	282.04 19.58 -152.70	795.23 104.58 -51.35	225.84 15.16 -115.69	174.04 13.01 -75.12	113.84 7.98 -56.97	77.05 6.64 -30.88	54.13 5.04 -18.28
EAST RIVER___6 23660	33.37 2.88 0.00	33.11 2.79 0.00	25.69 2.13 0.00	29.30 2.17 0.00	27.98 2.07 0.00	28.18 1.96 0.00	31.53 2.02 0.00	27.10 1.76 0.00	23.68 1.78 0.00	23.80 1.99 0.00	25.31 2.16 0.00	28.95 2.65 0.00	37.43 3.45 0.00	43.49 4.12 0.00	45.02 4.13 0.00	46.38 4.20 0.00	52.39 4.59 0.00	120.24 10.48 0.00	693.42 54.11 0.00	102.73 7.73 0.00	96.34 6.71 -3.72	73.92 3.89 -21.15	42.93 3.40 0.00	33.52 2.72 0.00
EAST RIVER___7 23524	33.37 2.88 0.00	33.11 2.79 0.00	25.69 2.13 0.00	29.30 2.17 0.00	27.98 2.07 0.00	28.18 1.96 0.00	31.53 2.02 0.00	27.10 1.76 0.00	23.68 1.78 0.00	23.80 1.99 0.00	25.31 2.16 0.00	28.95 2.65 0.00	37.43 3.45 0.00	43.49 4.12 0.00	45.02 4.13 0.00	46.38 4.20 0.00	52.39 4.59 0.00	120.24 10.48 0.00	693.42 54.11 0.00	102.73 7.73 0.00	96.34 6.71 -3.72	73.92 3.89 -21.15	42.93 3.40 0.00	33.52 2.72 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.09 2.60 0.00	32.85 2.53 0.00	25.48 1.92 0.00	29.10 1.97 0.00	27.77 1.86 0.00	27.99 1.76 0.00	31.32 1.82 0.00	26.90 1.55 0.00	23.47 1.56 0.00	23.56 1.76 0.00	25.02 1.88 0.00	28.63 2.34 0.00	37.04 3.06 0.00	43.06 3.69 0.00	44.57 3.68 0.00	45.97 3.79 0.00	51.98 4.17 0.00	119.34 9.57 0.00	689.60 50.30 0.00	102.02 7.02 0.00	95.79 6.17 -3.72	73.60 3.61 -21.10	42.61 3.08 0.00	33.24 2.44 0.00
EAST_HAMPTON___DIESEL 23722	33.60 3.10 0.00	33.12 2.80 0.00	25.75 2.19 0.00	29.56 2.43 0.00	28.76 2.85 0.00	29.32 3.10 0.00	33.28 3.77 0.00	28.72 3.37 0.00	26.75 3.45 -1.40	25.35 3.54 0.00	69.43 4.08 -42.21	56.16 4.79 -25.07	41.84 5.77 -2.09	70.90 7.20 -24.33	68.86 7.25 -20.73	287.79 7.80 -237.81	282.00 8.57 -225.62	282.14 19.69 -152.69	795.87 105.22 -51.34	225.93 15.25 -115.69	174.12 13.09 -75.12	113.86 8.00 -56.97	77.06 6.65 -30.88	54.15 5.06 -18.28
EAST_POINT___SOLAR 323840	32.81 2.31 0.00	32.49 2.17 0.00	25.16 1.60 0.00	28.87 1.74 0.00	27.52 1.61 0.00	27.93 1.71 0.00	31.01 1.50 0.00	26.00 0.65 0.00	22.28 0.38 0.00	22.28 0.47 0.00	23.94 0.79 0.00	27.37 1.07 0.00	34.97 1.00 0.00	40.83 1.46 0.00	42.65 1.76 0.00	44.28 2.11 0.00	50.39 2.58 0.00	115.86 6.11 0.00	679.40 40.10 0.00	102.53 7.53 0.00	132.80 7.81 -39.07	275.22 4.38 -221.96	42.98 3.45 0.00	33.38 2.58 0.00
EAST_PULASKI___ESR 323781	29.99 -0.50 0.00	29.62 -0.69 0.00	23.00 -0.55 0.00	26.49 -0.64 0.00	25.36 -0.56 0.00	25.72 -0.50 0.00	28.91 -0.59 0.00	24.80 -0.54 0.00	21.57 -0.34 0.00	21.43 -0.37 0.00	22.78 -0.37 0.00	26.76 -0.33 -0.79	36.87 -0.37 -3.25	42.40 -0.50 -3.54	44.44 -0.63 -4.18	41.48 -0.70 0.00	53.37 -0.61 -6.17	123.15 -1.18 -14.57	659.39 -4.40 -24.49	110.36 -0.32 -15.69	98.10 0.00 -12.20	56.56 0.03 -7.64	44.41 0.02 -4.87	32.76 -0.03 -1.98
EAST_RIVER___1 323558	33.39 2.89 0.00	33.13 2.81 0.00	25.69 2.14 0.00	29.32 2.19 0.00	27.98 2.07 0.00	28.18 1.96 0.00	31.53 2.03 0.00	27.10 1.75 0.00	23.68 1.78 0.00	23.80 1.99 0.00	25.30 2.16 0.00	28.95 2.65 0.00	37.43 3.46 0.00	43.50 4.13 0.00	45.03 4.14 0.00	46.40 4.23 0.00	52.42 4.61 0.00	120.37 10.61 0.00	694.30 54.99 0.00	102.69 7.70 0.00	96.37 6.74 -3.72	73.96 3.92 -21.15	42.95 3.42 0.00	33.53 2.72 0.00
EAST_RIVER___2 323559	33.37 2.88 0.00	33.11 2.79 0.00	25.69 2.13 0.00	29.30 2.17 0.00	27.98 2.07 0.00	28.18 1.96 0.00	31.53 2.02 0.00	27.10 1.76 0.00	23.68 1.78 0.00	23.80 1.99 0.00	25.31 2.16 0.00	28.95 2.65 0.00	37.43 3.45 0.00	43.49 4.12 0.00	45.02 4.13 0.00	46.38 4.20 0.00	52.39 4.59 0.00	120.24 10.48 0.00	693.42 54.11 0.00	102.73 7.73 0.00	96.34 6.71 -3.72	73.92 3.89 -21.15	42.93 3.40 0.00	33.52 2.72 0.00
EAST___DELAWARE_HYD 23607	32.08 1.58 0.00	31.78 1.46 0.00	24.59 1.03 0.00	28.07 0.94 0.00	26.76 0.85 0.00	26.99 0.77 0.00	30.24 0.73 0.00	25.97 0.62 0.00	22.63 0.72 0.00	22.72 0.92 0.00	24.16 1.01 0.00	27.63 1.33 0.00	35.68 1.70 0.00	40.61 1.24 0.00	42.18 1.29 0.00	43.60 1.42 0.00	49.30 1.49 0.00	113.51 3.74 0.00	658.68 19.38 0.00	97.60 2.60 0.00	92.17 2.20 -4.07	74.43 2.43 -23.12	41.49 1.97 0.00	32.22 1.42 0.00
EIGHT_POINT___WT_PWR 323820	30.56 0.06 0.00	30.26 -0.06 0.00	23.44 -0.11 0.00	26.97 -0.16 0.00	25.68 -0.23 0.00	25.89 -0.33 0.00	28.99 -0.52 0.00	24.76 -0.59 0.00	21.89 -0.01 0.00	21.86 0.05 0.00	23.33 0.18 0.00	26.91 0.50 -0.10	35.21 0.81 -0.43	40.75 0.92 -0.46	42.24 0.81 -0.55	43.01 0.83 0.00	49.65 1.04 -0.81	113.83 2.16 -1.90	653.87 11.15 -3.42	97.69 0.64 -2.05	88.59 1.10 -1.59	50.42 0.53 -1.00	40.64 0.48 -0.64	31.63 0.57 -0.26
ELBRIDGE_115KV_TB2 80188	30.39 -0.11 0.00	30.10 -0.22 0.00	23.38 -0.18 0.00	26.94 -0.19 0.00	25.68 -0.23 0.00	25.94 -0.28 0.00	29.08 -0.43 0.00	24.93 -0.42 0.00	21.68 -0.22 0.00	21.58 -0.22 0.00	22.96 -0.18 0.00	26.75 -0.08 -0.53	36.08 -0.07 -2.16	41.63 -0.09 -2.35	43.65 -0.02 -2.78	42.23 0.05 0.00	52.04 0.12 -4.11	119.82 0.36 -9.70	657.88 2.29 -16.30	105.53 0.09 -10.44	94.23 0.20 -8.12	53.96 -0.01 -5.09	42.74 -0.03 -3.24	32.08 -0.05 -1.32
ELEC_TRO_TEK 24086	33.49 3.00 0.00	33.16 2.85 0.00	25.73 2.18 0.00	29.41 2.29 0.00	28.11 2.20 0.00	28.30 2.08 0.00	31.71 2.20 0.00	27.22 1.88 0.00	25.19 1.89 -1.39	23.84 2.04 0.00	40.21 2.28 -14.79	39.61 2.80 -10.51	39.71 3.64 -2.09	23.59 4.35 20.13	42.91 4.23 2.20	60.55 4.49 -13.88	61.90 4.85 -9.24	120.69 10.93 0.00	684.35 57.42 12.38	124.87 8.36 -21.50	99.53 7.26 -6.36	104.83 4.15 -51.79	60.25 3.71 -17.01	49.89 2.97 -16.12

ELLENBURG_WT_PWR 323604	30.06 -0.43 0.00	29.75 -0.57 0.00	22.91 -0.64 0.00	26.47 -0.66 0.00	25.26 -0.65 0.00	25.66 -0.56 0.00	29.11 -0.39 0.00	25.31 -0.04 0.00	21.84 -0.07 0.00	21.61 -0.19 0.00	22.93 -0.21 0.00	25.92 -0.38 0.00	33.36 -0.61 0.00	38.69 -0.68 0.00	40.19 -0.70 0.00	41.47 -0.70 0.00	47.04 -0.77 0.00	107.89 -1.88 0.00	629.91 -9.39 0.00	94.32 -0.68 0.00	85.44 -0.47 0.00	48.61 -0.28 0.00	39.06 -0.46 0.00	30.29 -0.52 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.68 -0.82 0.00	29.52 -0.80 0.00	23.00 -0.55 0.00	26.45 -0.67 0.00	25.28 -0.63 0.00	25.43 -0.80 0.00	28.34 -1.17 0.00	23.95 -1.40 0.00	21.09 -0.81 0.00	20.98 -0.82 0.00	22.44 -0.71 0.00	25.66 -0.64 0.00	33.33 -0.64 0.00	38.53 -0.84 0.00	39.98 -0.90 0.00	41.44 -0.73 0.00	47.14 -0.67 0.00	107.13 -2.63 0.00	623.85 -15.73 -0.28	91.82 -3.18 0.00	83.10 -2.81 0.00	47.31 -1.57 0.00	38.25 -1.28 0.00	30.20 -0.60 0.00
EMPIRE_CC_1 323656	31.66 1.17 0.00	31.45 1.13 0.00	24.58 1.02 0.00	28.18 1.06 0.00	27.01 1.10 0.00	27.29 1.07 0.00	30.45 0.94 0.00	26.09 0.74 0.00	22.51 0.60 0.00	22.37 0.57 0.00	23.64 0.49 0.00	26.96 0.66 0.00	34.84 0.86 0.00	40.47 1.10 0.00	42.00 1.12 0.00	43.30 1.12 0.00	48.98 1.17 0.00	112.68 2.92 0.00	657.51 18.21 0.00	97.84 2.84 0.00	99.52 2.60 -11.01	112.92 1.49 -62.55	40.76 1.22 0.00	31.77 0.96 0.00
EMPIRE_CC_2 323658	31.66 1.17 0.00	31.45 1.13 0.00	24.58 1.02 0.00	28.18 1.06 0.00	27.01 1.10 0.00	27.29 1.07 0.00	30.45 0.94 0.00	26.09 0.74 0.00	22.51 0.60 0.00	22.37 0.57 0.00	23.64 0.49 0.00	26.96 0.66 0.00	34.84 0.86 0.00	40.47 1.10 0.00	42.00 1.12 0.00	43.30 1.12 0.00	48.98 1.17 0.00	112.68 2.92 0.00	657.51 18.21 0.00	97.84 2.84 0.00	99.52 2.60 -11.01	112.92 1.49 -62.55	40.76 1.22 0.00	31.77 0.96 0.00
ENORWICH_115KV_TB1 80156	32.74 2.24 0.00	32.32 2.00 0.00	25.11 1.55 0.00	28.63 1.51 0.00	27.47 1.56 0.00	27.93 1.71 0.00	31.29 1.79 0.00	26.77 1.43 0.00	23.17 1.27 0.00	23.02 1.21 0.00	24.46 1.31 0.00	28.27 1.78 -0.19	37.15 2.37 -0.80	43.07 2.84 -0.86	44.87 2.97 -1.02	45.54 3.36 0.00	53.16 3.85 -1.51	122.56 9.24 -3.55	705.72 60.45 -5.97	107.93 9.11 -3.82	100.04 8.70 -5.43	69.52 4.82 -15.82	44.33 3.61 -1.19	33.88 2.60 -0.48
ERIE_ST__34_KV_TB1-2 80199	30.07 -0.42 0.00	29.87 -0.44 0.00	23.24 -0.32 0.00	26.69 -0.43 0.00	25.50 -0.41 0.00	25.64 -0.58 0.00	28.59 -0.92 0.00	24.21 -1.14 0.00	21.34 -0.57 0.00	21.26 -0.55 0.00	22.76 -0.39 0.00	26.07 -0.22 0.00	33.90 -0.08 0.00	39.20 -0.17 0.00	40.66 -0.22 0.00	42.14 -0.04 0.00	47.99 0.18 0.00	109.25 -0.52 0.00	636.16 -3.90 -0.76	93.46 -1.53 0.00	84.56 -1.35 0.00	48.09 -0.79 0.00	38.85 -0.68 0.00	30.62 -0.19 0.00
ERIE_WT_PWR 323693	29.87 -0.62 0.00	29.69 -0.63 0.00	23.14 -0.42 0.00	26.59 -0.54 0.00	25.42 -0.49 0.00	25.56 -0.66 0.00	28.50 -1.01 0.00	24.10 -1.24 0.00	21.24 -0.67 0.00	21.13 -0.67 0.00	22.61 -0.54 0.00	25.89 -0.42 0.00	33.63 -0.35 0.00	38.85 -0.52 0.00	40.32 -0.56 0.00	41.79 -0.38 0.00	47.56 -0.25 0.00	108.19 -1.57 0.00	630.58 -9.61 -0.90	92.69 -2.31 0.00	83.91 -2.00 0.00	47.74 -1.14 0.00	38.57 -0.96 0.00	30.46 -0.35 0.00
ESPRGFLD_115KV_TB1 80157	32.07 1.57 0.00	31.76 1.44 0.00	24.64 1.08 0.00	28.26 1.14 0.00	26.97 1.06 0.00	27.39 1.17 0.00	30.75 1.24 0.00	26.29 0.95 0.00	22.79 0.89 0.00	22.84 1.03 0.00	24.38 1.24 0.00	27.82 1.53 0.00	35.89 1.91 0.00	41.58 2.21 0.00	43.17 2.29 0.00	44.56 2.38 0.00	50.56 2.75 0.00	115.82 6.06 0.00	675.28 35.97 0.00	100.74 5.74 0.00	119.33 5.32 -28.10	211.49 2.98 -159.62	41.95 2.42 0.00	32.69 1.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.29 0.79 0.00	30.96 0.65 0.00	24.03 0.48 0.00	27.61 0.49 0.00	26.34 0.43 0.00	26.61 0.39 0.00	29.83 0.32 0.00	25.54 0.20 0.00	22.19 0.29 0.00	22.06 0.26 0.00	23.47 0.33 0.00	27.11 0.55 -0.27	35.91 0.83 -1.10	41.47 0.91 -1.20	43.30 1.00 -1.42	43.28 1.10 0.00	51.31 1.41 -2.09	118.17 3.47 -4.94	669.44 21.85 -8.29	103.37 3.05 -5.32	94.28 3.09 -5.28	59.64 1.66 -9.09	42.43 1.25 -1.65	32.39 0.92 -0.67
ETNA____115KV_TB2 80207	31.29 0.79 0.00	30.96 0.65 0.00	24.03 0.48 0.00	27.61 0.49 0.00	26.34 0.43 0.00	26.61 0.39 0.00	29.83 0.32 0.00	25.54 0.20 0.00	22.19 0.29 0.00	22.06 0.26 0.00	23.47 0.33 0.00	27.11 0.55 -0.27	35.91 0.83 -1.10	41.47 0.91 -1.20	43.30 1.00 -1.42	43.28 1.10 0.00	51.31 1.41 -2.09	118.17 3.47 -4.94	669.44 21.85 -8.29	103.37 3.05 -5.32	94.28 3.09 -5.28	59.64 1.66 -9.09	42.43 1.25 -1.65	32.39 0.92 -0.67
EUCLID____115KV_TB2 356179	30.18 -0.32 0.00	29.92 -0.40 0.00	23.25 -0.31 0.00	26.77 -0.36 0.00	25.54 -0.37 0.00	25.79 -0.43 0.00	28.92 -0.59 0.00	24.78 -0.56 0.00	21.54 -0.37 0.00	21.46 -0.35 0.00	22.81 -0.33 0.00	26.26 -0.26 -0.23	34.65 -0.26 -0.94	40.07 -0.31 -1.01	41.80 -0.28 -1.20	41.94 -0.23 0.00	49.38 -0.44 -1.77	113.51 -0.44 -4.18	644.15 -2.19 -7.03	98.96 -0.54 -4.50	88.94 -0.47 -3.50	50.77 -0.31 -2.19	40.62 -0.30 -1.40	31.12 -0.25 -0.57
E_CANADA_CAP_HY 24051	32.35 1.85 0.00	32.05 1.73 0.00	24.83 1.27 0.00	28.51 1.39 0.00	27.18 1.28 0.00	27.60 1.37 0.00	30.91 1.40 0.00	26.35 1.00 0.00	22.73 0.82 0.00	22.72 0.92 0.00	24.28 1.14 0.00	27.67 1.37 0.00	35.58 1.60 0.00	41.28 1.91 0.00	42.90 2.02 0.00	44.30 2.12 0.00	50.26 2.45 0.00	115.30 5.54 0.00	674.62 35.32 0.00	101.39 6.39 0.00	128.45 6.13 -36.42	259.21 3.45 -206.88	42.32 2.79 0.00	32.97 2.16 0.00
E_CANADA_MHWK_HY 24050	31.79 1.30 0.00	31.50 1.19 0.00	24.52 0.96 0.00	28.12 0.99 0.00	26.90 0.99 0.00	27.19 0.96 0.00	30.32 0.81 0.00	25.68 0.33 0.00	22.03 0.13 0.00	21.88 0.08 0.00	23.19 0.05 0.00	26.62 0.32 0.00	34.45 0.47 0.00	40.10 0.73 0.00	41.67 0.79 0.00	43.08 0.90 0.00	48.71 0.90 0.00	112.59 2.82 0.00	661.18 21.88 0.00	98.59 3.59 0.00	89.74 3.83 0.00	51.03 2.14 0.00	41.27 1.74 0.00	31.94 1.14 0.00
E_FISHKILL____LBMP 23776	32.72 2.23 0.00	32.49 2.17 0.00	25.20 1.64 0.00	28.82 1.69 0.00	27.51 1.60 0.00	27.74 1.52 0.00	31.06 1.56 0.00	26.67 1.32 0.00	23.22 1.31 0.00	23.27 1.47 0.00	24.69 1.55 0.00	28.24 1.94 0.00	36.52 2.54 0.00	42.47 3.10 0.00	43.99 3.10 0.00	45.38 3.20 0.00	51.34 3.52 0.00	117.91 8.15 0.00	682.75 43.45 0.00	101.09 6.09 0.00	95.06 5.34 -3.81	73.65 3.12 -21.65	42.19 2.66 0.00	32.89 2.08 0.00
FALCON____SEABRD_CC1 323796	30.49 -0.01 0.00	30.16 -0.16 0.00	23.14 -0.42 0.00	26.74 -0.39 0.00	25.54 -0.36 0.00	25.94 -0.28 0.00	29.44 -0.07 0.00	25.61 0.26 0.00	22.12 0.21 0.00	21.88 0.08 0.00	23.25 0.11 0.00	26.31 0.01 0.00	33.82 -0.16 0.00	39.26 -0.11 0.00	40.78 -0.11 0.00	42.07 -0.10 0.00	47.78 -0.03 0.00	109.54 -0.22 0.00	640.23 0.93 0.00	95.78 0.78 0.00	86.75 0.84 0.00	49.39 0.50 0.00	39.64 0.12 0.00	30.66 -0.14 0.00

FALCON___SEABRD_CC2 323797	30.49 -0.01 0.00	30.16 -0.16 0.00	23.14 -0.42 0.00	26.74 -0.39 0.00	25.54 -0.36 0.00	25.94 -0.28 0.00	29.44 -0.07 0.00	25.61 0.26 0.00	22.12 0.21 0.00	21.88 0.08 0.00	23.25 0.11 0.00	26.31 0.01 0.00	33.82 -0.16 0.00	39.26 -0.11 0.00	40.78 -0.11 0.00	42.07 -0.10 0.00	47.78 -0.03 0.00	109.54 -0.22 0.00	640.23 0.93 0.00	95.78 0.78 0.00	86.75 0.84 0.00	49.39 0.50 0.00	39.64 0.12 0.00	30.66 -0.14 0.00
FAR ROCKAWAY___4 23548	34.04 3.55 0.00	33.68 3.36 0.00	26.11 2.55 0.00	29.83 2.71 0.00	28.50 2.59 0.00	28.69 2.46 0.00	32.14 2.63 0.00	27.60 2.26 0.00	25.54 2.24 -1.39	24.21 2.41 0.00	40.64 2.71 -14.79	40.15 3.34 -10.51	40.43 4.37 -2.09	198.73 5.10 -154.26	62.81 4.81 -17.12	63.99 5.08 -16.73	62.19 5.14 -9.24	121.15 11.39 0.00	798.44 66.89 -92.25	133.06 9.59 -28.48	100.56 8.29 -6.36	105.45 4.77 -51.79	67.51 4.23 -23.75	69.28 3.43 -35.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.40 2.91 0.00	33.14 2.83 0.00	25.71 2.15 0.00	29.32 2.20 0.00	28.00 2.09 0.00	28.19 1.97 0.00	31.56 2.05 0.00	27.11 1.76 0.00	23.69 1.79 0.00	23.80 2.00 0.00	25.30 2.16 0.00	28.97 2.68 0.00	37.46 3.48 0.00	43.53 4.17 0.00	45.06 4.17 0.00	46.43 4.25 0.00	52.46 4.65 0.00	120.39 10.63 0.00	694.81 55.50 0.00	102.73 7.73 0.00	96.40 6.77 -3.72	74.00 3.96 -21.15	42.97 3.44 0.00	33.56 2.75 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.43 2.94 0.00	33.18 2.86 0.00	25.73 2.17 0.00	29.35 2.22 0.00	28.02 2.11 0.00	28.22 2.00 0.00	31.58 2.07 0.00	27.13 1.79 0.00	23.71 1.81 0.00	23.83 2.02 0.00	25.32 2.18 0.00	29.00 2.70 0.00	37.49 3.51 0.00	43.57 4.20 0.00	45.10 4.22 0.00	46.47 4.30 0.00	52.51 4.70 0.00	120.53 10.77 0.00	695.44 56.15 0.00	102.85 7.85 0.00	96.49 6.85 -3.72	74.05 4.01 -21.15	43.03 3.50 0.00	33.59 2.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.38 2.88 0.00	33.12 2.80 0.00	25.69 2.14 0.00	29.31 2.18 0.00	27.98 2.07 0.00	28.17 1.95 0.00	31.53 2.03 0.00	27.09 1.75 0.00	23.68 1.77 0.00	23.79 1.98 0.00	25.28 2.13 0.00	28.95 2.65 0.00	37.43 3.45 0.00	43.49 4.13 0.00	45.02 4.13 0.00	46.39 4.21 0.00	52.41 4.60 0.00	120.28 10.52 0.00	694.09 54.79 0.00	102.62 7.63 0.00	96.32 6.68 -3.72	73.95 3.91 -21.15	42.94 3.41 0.00	33.53 2.73 0.00
FARRAGUT___LBMP 323566	33.36 2.86 0.00	33.10 2.78 0.00	25.68 2.12 0.00	29.29 2.16 0.00	27.96 2.05 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.66 1.76 0.00	23.77 1.97 0.00	25.26 2.12 0.00	28.92 2.62 0.00	37.40 3.42 0.00	43.45 4.09 0.00	44.98 4.09 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.17 10.41 0.00	693.53 54.23 0.00	102.56 7.56 0.00	96.23 6.60 -3.72	73.90 3.86 -21.15	42.91 3.38 0.00	33.51 2.71 0.00
FENNER___WINDPWR 24204	31.14 0.65 0.00	30.80 0.49 0.00	23.92 0.37 0.00	27.49 0.37 0.00	26.30 0.39 0.00	26.63 0.40 0.00	29.91 0.40 0.00	25.63 0.28 0.00	22.22 0.32 0.00	22.10 0.30 0.00	23.51 0.36 0.00	27.06 0.56 -0.20	35.64 0.83 -0.83	41.23 0.96 -0.91	42.91 0.95 -1.07	43.22 1.04 0.00	50.68 1.28 -1.58	116.67 3.17 -3.73	666.33 20.76 -6.27	102.27 3.25 -4.02	92.23 3.20 -3.12	52.55 1.71 -1.96	42.06 1.28 -1.25	32.21 0.89 -0.51
FIBERTEK___ENERGY 23856	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.07 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.06 -9.16	661.17 6.48 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25
FITZPATRICK____ 23598	29.64 -0.85 0.00	29.41 -0.91 0.00	22.87 -0.69 0.00	26.32 -0.80 0.00	25.14 -0.77 0.00	25.40 -0.82 0.00	28.49 -1.02 0.00	24.43 -0.91 0.00	21.21 -0.69 0.00	21.12 -0.69 0.00	22.42 -0.72 0.00	22.79 -0.74 2.77	21.72 -0.91 11.35	25.98 -1.06 12.33	25.22 -1.08 14.59	41.10 -1.07 0.00	25.11 -1.18 21.52	56.22 -2.73 50.82	538.36 -15.52 85.41	37.82 -2.45 54.73	41.18 -2.19 42.55	20.97 -1.26 26.65	21.51 -1.05 16.97	23.08 -0.81 6.92
FLOWRFLD_69_KV_BK1 356044	33.73 3.24 0.00	33.32 3.01 0.00	25.89 2.33 0.00	29.63 2.50 0.00	28.36 2.45 0.00	28.55 2.33 0.00	32.03 2.53 0.00	27.52 2.18 0.00	25.50 2.21 -1.39	24.14 2.34 0.00	77.23 2.63 -51.45	59.45 3.17 -29.98	40.11 4.03 -2.10	76.65 4.92 -32.37	75.72 4.75 -30.08	368.74 5.12 -321.44	397.11 5.51 -343.78	361.56 12.44 -239.35	790.39 64.05 -87.04	285.23 9.81 -180.42	205.32 8.48 -110.93	112.22 4.61 -58.72	78.94 4.13 -35.29	52.37 3.29 -18.27
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.27 2.77 0.00	33.00 2.68 0.00	25.56 2.00 0.00	29.21 2.09 0.00	27.87 1.96 0.00	28.09 1.87 0.00	31.46 1.95 0.00	27.01 1.66 0.00	23.54 1.64 0.00	23.62 1.82 0.00	25.11 1.97 0.00	28.76 2.46 0.00	37.24 3.27 0.00	43.35 3.99 0.00	44.96 4.08 0.00	46.41 4.23 0.00	52.57 4.76 0.00	120.77 11.00 0.00	699.57 60.27 0.00	103.47 8.47 0.00	97.20 7.40 -3.90	75.26 4.24 -22.13	43.02 3.49 0.00	33.47 2.67 0.00
FORT ORANGE____ 23900	31.79 1.29 0.00	31.57 1.25 0.00	24.68 1.13 0.00	28.36 1.24 0.00	27.11 1.21 0.00	27.39 1.16 0.00	30.65 1.15 0.00	26.25 0.90 0.00	22.63 0.72 0.00	22.42 0.62 0.00	23.74 0.60 0.00	27.05 0.75 0.00	34.98 1.01 0.00	40.70 1.33 0.00	42.27 1.39 0.00	43.63 1.45 0.00	49.43 1.62 0.00	113.78 4.01 0.00	665.03 25.72 0.00	98.81 3.81 0.00	110.88 3.47 -21.50	172.92 1.91 -122.12	41.06 1.53 0.00	31.92 1.12 0.00
FORT_DRUM_COGEN 23780	29.74 -0.76 0.00	29.11 -1.20 0.00	22.57 -0.98 0.00	26.00 -1.13 0.00	25.14 -0.77 0.00	25.94 -0.28 0.00	29.40 -0.11 0.00	25.26 -0.08 0.00	21.97 0.06 0.00	21.70 -0.11 0.00	23.02 -0.13 0.00	26.59 -0.11 -0.40	35.45 -0.17 -1.63	40.71 -0.43 -1.77	42.56 -0.42 -2.10	41.54 -0.63 0.00	50.72 -0.19 -3.09	117.24 0.17 -7.31	660.21 8.63 -12.28	105.77 2.90 -7.87	95.64 3.61 -6.12	54.73 2.01 -3.83	43.30 1.33 -2.44	32.59 0.79 -0.99
FOX_HILLS___ESR 323835	33.45 2.95 0.00	33.15 2.83 0.00	25.72 2.16 0.00	29.31 2.19 0.00	27.98 2.07 0.00	28.17 1.95 0.00	31.54 2.03 0.00	27.11 1.76 0.00	23.68 1.77 0.00	23.79 1.98 0.00	34.12 2.10 -8.87	37.55 2.62 -8.62	37.84 3.43 -0.43	43.44 4.07 0.00	44.94 4.06 0.00	46.35 4.17 0.00	52.36 4.55 0.00	120.16 10.40 0.00	692.22 52.91 0.00	102.57 7.57 0.00	95.97 6.34 -3.72	73.75 3.71 -21.15	42.94 3.41 0.00	33.65 2.84 -0.01
FPL FAR_ROCK_GT1 24212	34.04 3.55 0.00	33.68 3.36 0.00	26.10 2.55 0.00	29.83 2.71 0.00	28.50 2.59 0.00	28.69 2.46 0.00	32.14 2.63 0.00	27.60 2.26 0.00	25.54 2.24 -1.40	24.21 2.41 0.00	40.66 2.72 -14.79	40.15 3.34 -10.52	40.43 4.37 -2.09	198.73 5.10 -154.26	62.82 4.81 -17.12	63.99 5.08 -16.73	62.19 5.13 -9.24	121.15 11.39 0.00	798.44 66.88 -92.25	133.07 9.59 -28.48	100.56 8.29 -6.36	105.45 4.77 -51.79	67.51 4.23 -23.76	69.29 3.42 -35.06

FPL FAR_ROCK_GT2 23815	34.04 3.55 0.00	33.68 3.36 0.00	26.10 2.55 0.00	29.83 2.71 0.00	28.50 2.59 0.00	28.69 2.46 0.00	32.14 2.63 0.00	27.60 2.26 0.00	25.54 2.24 -1.40	24.21 2.41 0.00	40.66 2.72 -14.79	40.15 3.34 -10.52	40.43 4.37 -2.09	198.73 5.10 -154.26	62.82 4.81 -17.12	63.99 5.08 -16.73	62.19 5.13 -9.24	121.15 11.39 0.00	798.44 66.88 -92.25	133.07 9.59 -28.48	100.56 8.29 -6.36	105.45 4.77 -51.79	67.51 4.23 -23.76	69.29 3.42 -35.06
FRANKLIN_FALL_HYD 24054	29.98 -0.52 0.00	29.66 -0.66 0.00	22.88 -0.68 0.00	26.42 -0.70 0.00	25.24 -0.66 0.00	25.65 -0.57 0.00	29.12 -0.39 0.00	25.30 -0.05 0.00	21.84 -0.06 0.00	21.64 -0.16 0.00	22.98 -0.17 0.00	25.91 -0.39 0.00	33.42 -0.56 0.00	38.70 -0.67 0.00	40.14 -0.74 0.00	41.45 -0.72 0.00	47.02 -0.79 0.00	107.98 -1.78 0.00	631.15 -8.15 0.00	94.67 -0.33 0.00	85.81 -0.10 0.00	48.72 -0.16 0.00	39.17 -0.36 0.00	30.38 -0.43 0.00
FREEPORT_EQUS_GT1 23764	33.75 3.25 0.00	33.37 3.05 0.00	25.88 2.32 0.00	29.59 2.46 0.00	28.28 2.37 0.00	28.47 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.36 2.06 -1.40	24.01 2.20 0.00	40.42 2.48 -14.79	39.85 3.04 -10.51	40.04 3.97 -2.09	39.75 4.68 4.29	44.81 4.38 0.45	61.01 4.70 -14.14	62.13 5.08 -9.24	121.10 11.34 0.00	696.34 59.92 2.88	125.96 8.83 -22.14	100.13 7.85 -6.36	105.14 4.47 -51.79	61.11 3.96 -17.63	51.89 3.26 -17.82
FREEPORT___CT2 23818	33.75 3.25 0.00	33.37 3.05 0.00	25.88 2.32 0.00	29.59 2.46 0.00	28.28 2.37 0.00	28.47 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.36 2.06 -1.40	24.01 2.20 0.00	40.42 2.48 -14.79	39.85 3.04 -10.51	40.04 3.97 -2.09	39.75 4.68 4.29	44.81 4.38 0.45	61.01 4.70 -14.14	62.13 5.08 -9.24	121.10 11.34 0.00	696.34 59.92 2.88	125.96 8.83 -22.14	100.13 7.85 -6.36	105.14 4.47 -51.79	61.11 3.96 -17.63	51.89 3.26 -17.82
FRESHKLS_33_KV_LOAD 356253	33.42 2.92 0.00	33.12 2.80 0.00	25.69 2.13 0.00	29.29 2.17 0.00	27.96 2.05 0.00	28.15 1.93 0.00	31.52 2.01 0.00	27.08 1.74 0.00	23.65 1.75 0.00	23.75 1.95 0.00	31.71 2.04 -6.52	35.39 2.54 -6.55	37.64 3.32 -0.33	40.63 3.96 2.70	40.42 3.94 4.41	41.05 4.05 5.18	42.15 4.42 10.08	110.36 10.17 9.57	665.52 51.59 25.37	101.73 7.49 0.75	92.03 6.18 0.06	66.43 3.61 -13.93	39.07 3.31 3.77	33.61 2.81 -0.01
FULTON COGEN____ 23766	30.02 -0.47 0.00	29.78 -0.54 0.00	23.16 -0.40 0.00	26.66 -0.46 0.00	25.45 -0.46 0.00	25.69 -0.53 0.00	28.82 -0.69 0.00	24.70 -0.65 0.00	21.46 -0.44 0.00	21.37 -0.44 0.00	22.70 -0.45 0.00	26.81 -0.39 -0.90	37.28 -0.40 -3.70	42.89 -0.50 -4.02	45.16 -0.48 -4.76	41.71 -0.46 0.00	54.38 -0.45 -7.01	125.35 -0.98 -16.56	662.20 -4.94 -27.84	112.00 -0.84 -17.84	99.10 -0.68 -13.87	57.15 -0.41 -8.69	44.69 -0.37 -5.53	32.74 -0.32 -2.25
FULTON___LFGE 323630	34.40 3.91 0.00	33.97 3.65 0.00	26.28 2.72 0.00	30.10 2.98 0.00	28.65 2.74 0.00	29.05 2.83 0.00	31.96 2.45 0.00	26.37 1.02 0.00	22.31 0.41 0.00	22.25 0.45 0.00	23.65 0.51 0.00	27.06 0.76 0.00	34.82 0.84 0.00	40.77 1.40 0.00	42.16 1.27 0.00	43.46 1.28 0.00	49.83 2.02 0.00	116.27 6.51 0.00	702.80 63.50 0.00	109.17 14.17 0.00	139.22 13.81 -39.50	280.61 7.36 -224.36	45.13 5.60 0.00	34.88 4.07 0.00
G.F.CEMENT___DRP 24184	33.06 2.56 0.00	32.69 2.37 0.00	25.17 1.62 0.00	28.96 1.84 0.00	27.77 1.86 0.00	28.08 1.86 0.00	31.46 1.95 0.00	27.01 1.66 0.00	23.17 1.27 0.00	23.05 1.24 0.00	24.34 1.20 0.00	27.84 1.55 0.00	35.98 2.01 0.00	41.81 2.44 0.00	43.54 2.65 0.00	44.90 2.72 0.00	51.24 3.43 0.00	118.47 8.70 0.00	696.45 57.14 0.00	103.72 8.72 0.00	135.21 7.78 -41.52	289.02 4.29 -235.85	42.77 3.25 0.00	33.11 2.30 0.00
GARDENVILLE___LBMP 24039	29.78 -0.71 0.00	29.61 -0.71 0.00	23.07 -0.49 0.00	26.52 -0.61 0.00	25.34 -0.57 0.00	25.49 -0.73 0.00	28.42 -1.09 0.00	24.04 -1.31 0.00	21.18 -0.73 0.00	21.08 -0.73 0.00	22.55 -0.59 0.00	25.81 -0.49 0.00	33.52 -0.46 0.00	38.75 -0.62 0.00	40.21 -0.68 0.00	41.66 -0.52 0.00	47.39 -0.42 0.00	107.76 -2.00 0.00	627.64 -12.18 -0.52	92.31 -2.69 0.00	83.58 -2.33 0.00	47.57 -1.31 0.00	38.45 -1.08 0.00	30.35 -0.46 0.00
GARDNVLA_35_KV_LD 355827	29.92 -0.58 0.00	29.74 -0.58 0.00	23.16 -0.39 0.00	26.62 -0.50 0.00	25.44 -0.47 0.00	25.59 -0.63 0.00	28.53 -0.98 0.00	24.13 -1.22 0.00	21.26 -0.65 0.00	21.16 -0.65 0.00	22.65 -0.49 0.00	25.93 -0.37 0.00	33.70 -0.27 0.00	38.94 -0.42 0.00	40.44 -0.44 0.00	41.92 -0.26 0.00	47.70 -0.11 0.00	108.51 -1.25 0.00	632.69 -7.66 -1.04	92.90 -2.10 0.00	84.09 -1.82 0.00	47.82 -1.06 0.00	38.63 -0.90 0.00	30.48 -0.32 0.00
GELCKHM__115KV_LOAD 80723	30.29 -0.20 0.00	30.03 -0.29 0.00	23.33 -0.23 0.00	26.85 -0.27 0.00	25.62 -0.29 0.00	25.87 -0.35 0.00	29.01 -0.49 0.00	24.88 -0.47 0.00	21.62 -0.28 0.00	21.54 -0.27 0.00	22.91 -0.24 0.00	26.47 -0.15 -0.32	35.19 -0.12 -1.33	40.67 -0.14 -1.44	42.50 -0.09 -1.71	42.15 -0.03 0.00	50.36 0.03 -2.52	115.83 0.12 -5.95	650.31 1.01 -10.00	101.34 -0.07 -6.41	90.87 -0.01 -4.98	51.92 -0.08 -3.12	41.38 -0.13 -1.99	31.48 -0.13 -0.81
GENERAL___MILLS 23808	29.86 -0.64 0.00	29.68 -0.64 0.00	23.12 -0.44 0.00	26.58 -0.55 0.00	25.39 -0.51 0.00	25.55 -0.67 0.00	28.48 -1.02 0.00	24.09 -1.26 0.00	21.22 -0.69 0.00	21.12 -0.69 0.00	22.60 -0.54 0.00	25.86 -0.43 0.00	33.61 -0.37 0.00	38.83 -0.53 0.00	40.32 -0.57 0.00	41.78 -0.40 0.00	47.54 -0.27 0.00	108.11 -1.66 0.00	630.21 -9.99 -0.90	92.59 -2.40 0.00	83.83 -2.08 0.00	47.69 -1.20 0.00	38.54 -0.99 0.00	30.42 -0.39 0.00
GE_PLASTICS___DRP 24183	31.59 1.09 0.00	31.38 1.06 0.00	24.50 0.94 0.00	28.16 1.04 0.00	26.92 1.01 0.00	27.21 0.99 0.00	30.47 0.96 0.00	26.10 0.75 0.00	22.52 0.62 0.00	22.37 0.57 0.00	23.70 0.55 0.00	27.01 0.71 0.00	34.92 0.94 0.00	40.59 1.22 0.00	42.12 1.23 0.00	43.46 1.28 0.00	49.22 1.41 0.00	113.00 3.24 0.00	658.71 19.41 0.00	97.89 2.89 0.00	106.20 2.63 -17.66	150.68 1.49 -100.30	40.78 1.25 0.00	31.75 0.95 0.00
GILBOA___1 23756	31.65 1.16 0.00	31.44 1.12 0.00	24.55 0.99 0.00	28.32 1.20 0.00	27.07 1.16 0.00	27.43 1.21 0.00	30.73 1.22 0.00	26.16 0.81 0.00	22.54 0.63 0.00	22.49 0.69 0.00	23.86 0.71 0.00	27.22 0.93 0.00	35.21 1.24 0.00	40.89 1.52 0.00	42.42 1.53 0.00	43.71 1.53 0.00	49.39 1.58 0.00	112.66 2.89 0.00	654.60 15.29 0.00	97.19 2.20 0.00	90.41 2.17 -2.33	63.45 1.31 -13.26	40.89 1.36 0.00	31.88 1.07 0.00
GILBOA___2 23757	31.65 1.16 0.00	31.44 1.12 0.00	24.55 0.99 0.00	28.32 1.20 0.00	27.07 1.16 0.00	27.43 1.21 0.00	30.73 1.22 0.00	26.16 0.81 0.00	22.54 0.63 0.00	22.49 0.69 0.00	23.86 0.71 0.00	27.22 0.93 0.00	35.21 1.24 0.00	40.89 1.52 0.00	42.42 1.53 0.00	43.71 1.53 0.00	49.39 1.58 0.00	112.66 2.89 0.00	654.60 15.29 0.00	97.19 2.20 0.00	90.41 2.17 -2.33	63.45 1.31 -13.26	40.89 1.36 0.00	31.88 1.07 0.00

GILBOA___3 23758	31.65 1.16 0.00	31.44 1.12 0.00	24.55 0.99 0.00	28.32 1.20 0.00	27.07 1.16 0.00	27.43 1.21 0.00	30.73 1.22 0.00	26.16 0.81 0.00	22.54 0.63 0.00	22.49 0.69 0.00	23.86 0.71 0.00	27.22 0.93 0.00	35.21 1.24 0.00	40.89 1.52 0.00	42.42 1.53 0.00	43.71 1.53 0.00	49.39 1.58 0.00	112.66 2.89 0.00	654.60 15.29 0.00	97.19 2.20 0.00	90.41 2.17 -2.33	63.45 1.31 -13.26	40.89 1.36 0.00	31.88 1.07 0.00
GILBOA___4 23759	31.65 1.16 0.00	31.44 1.12 0.00	24.55 0.99 0.00	28.32 1.20 0.00	27.07 1.16 0.00	27.43 1.21 0.00	30.73 1.22 0.00	26.16 0.81 0.00	22.54 0.63 0.00	22.49 0.69 0.00	23.86 0.71 0.00	27.22 0.93 0.00	35.21 1.24 0.00	40.89 1.52 0.00	42.42 1.53 0.00	43.71 1.53 0.00	49.39 1.58 0.00	112.66 2.89 0.00	654.60 15.29 0.00	97.19 2.20 0.00	90.41 2.17 -2.33	63.45 1.31 -13.26	40.89 1.36 0.00	31.88 1.07 0.00
GILBOA___ 23599	31.65 1.16 0.00	31.44 1.12 0.00	24.55 0.99 0.00	28.33 1.20 0.00	27.07 1.16 0.00	27.43 1.21 0.00	30.73 1.22 0.00	26.16 0.81 0.00	22.54 0.64 0.00	22.49 0.69 0.00	23.85 0.71 0.00	27.22 0.93 0.00	35.21 1.24 0.00	40.89 1.52 0.00	42.42 1.53 0.00	43.71 1.53 0.00	49.39 1.58 0.00	112.66 2.89 0.00	654.54 15.24 0.00	97.19 2.20 0.00	90.42 2.17 -2.33	63.45 1.31 -13.26	40.89 1.36 0.00	31.88 1.07 0.00
GINNA___ 23603	29.02 -1.48 0.00	28.75 -1.57 0.00	22.35 -1.21 0.00	25.71 -1.41 0.00	24.53 -1.38 0.00	24.72 -1.50 0.00	27.63 -1.88 0.00	23.54 -1.80 0.00	20.58 -1.33 0.00	20.52 -1.29 0.00	21.91 -1.23 0.00	25.05 -1.25 0.00	32.48 -1.50 0.00	37.66 -1.71 0.00	39.17 -1.72 0.00	40.58 -1.60 0.00	46.20 -1.61 0.00	105.72 -4.05 0.00	616.67 -22.63 0.00	91.25 -3.75 0.00	82.29 -3.62 0.00	46.72 -2.16 0.00	37.66 -1.87 0.00	29.46 -1.35 0.00
GLEN PARK___ 23778	29.92 -0.57 0.00	29.27 -1.05 0.00	22.71 -0.85 0.00	26.12 -1.00 0.00	25.26 -0.65 0.00	26.06 -0.16 0.00	29.52 0.01 0.00	25.35 0.00 0.00	22.04 0.13 0.00	21.75 -0.05 0.00	23.07 -0.08 0.00	26.68 -0.04 -0.42	35.61 -0.08 -1.71	40.89 -0.34 -1.87	42.80 -0.29 -2.21	41.66 -0.52 0.00	51.08 0.01 -3.25	118.01 0.56 -7.69	663.47 11.25 -12.92	106.72 3.44 -8.28	96.62 4.28 -6.44	55.30 2.38 -4.03	43.69 1.60 -2.57	32.82 0.97 -1.05
GLENDALE_27_KV_LOAD 356172	33.59 3.10 0.00	33.30 2.98 0.00	25.83 2.27 0.00	29.45 2.33 0.00	28.11 2.20 0.00	28.32 2.10 0.00	31.69 2.18 0.00	27.24 1.90 0.00	23.81 1.90 0.00	23.92 2.12 0.00	25.42 2.28 0.00	29.13 2.83 0.00	37.67 3.69 0.00	43.74 4.37 0.00	45.25 4.36 0.00	46.66 4.48 0.00	52.73 4.92 0.00	121.02 11.26 0.00	697.85 58.55 0.00	103.27 8.27 0.00	96.83 7.20 -3.72	74.23 4.19 -21.15	43.22 3.69 0.00	33.76 2.95 0.00
GLENWOOD_IC_1_G5 23712	33.75 3.26 0.00	33.39 3.07 0.00	25.90 2.34 0.00	29.60 2.47 0.00	28.29 2.38 0.00	28.48 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.35 2.05 -1.39	24.02 2.22 0.00	40.42 2.48 -14.79	39.88 3.08 -10.51	40.06 3.99 -2.09	44.35 4.48 -0.50	45.35 4.39 -0.08	61.10 4.71 -14.21	62.18 5.12 -9.24	121.30 11.54 0.00	700.50 61.20 0.00	126.22 8.90 -22.33	99.95 7.68 -6.36	105.05 4.37 -51.79	61.47 4.13 -17.81	52.38 3.26 -18.32
GLENWOOD_IC_2_G1 23688	33.65 3.16 0.00	33.30 2.98 0.00	25.83 2.28 0.00	29.52 2.39 0.00	28.21 2.30 0.00	28.40 2.18 0.00	31.82 2.31 0.00	27.33 1.98 0.00	25.28 1.98 -1.40	23.94 2.14 0.00	40.34 2.40 -14.79	39.77 2.96 -10.51	39.93 3.86 -2.09	44.41 4.54 -0.50	45.40 4.43 -0.08	61.13 4.73 -14.21	62.18 5.13 -9.24	121.30 11.53 0.00	700.51 61.21 0.00	126.26 8.93 -22.33	99.99 7.72 -6.36	105.07 4.39 -51.79	61.28 3.93 -17.81	52.25 3.14 -18.31
GLENWOOD_IC_3_G1 23689	33.65 3.16 0.00	33.30 2.98 0.00	25.83 2.28 0.00	29.52 2.39 0.00	28.21 2.30 0.00	28.40 2.18 0.00	31.82 2.31 0.00	27.33 1.98 0.00	25.28 1.98 -1.40	23.94 2.14 0.00	40.34 2.40 -14.79	39.77 2.96 -10.51	39.93 3.86 -2.09	44.41 4.54 -0.50	45.40 4.43 -0.08	61.13 4.73 -14.21	62.18 5.13 -9.24	121.30 11.53 0.00	700.51 61.21 0.00	126.26 8.93 -22.33	99.99 7.72 -6.36	105.07 4.39 -51.79	61.28 3.93 -17.81	52.25 3.14 -18.31
GLENWOOD___4 23550	33.75 3.26 0.00	33.39 3.07 0.00	25.90 2.34 0.00	29.60 2.47 0.00	28.29 2.38 0.00	28.48 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.35 2.05 -1.39	24.02 2.22 0.00	40.42 2.48 -14.79	39.88 3.08 -10.51	40.07 4.00 -2.09	44.46 4.59 -0.50	45.46 4.49 -0.08	61.22 4.83 -14.21	62.29 5.23 -9.24	121.60 11.84 0.00	702.12 62.82 0.00	126.45 9.13 -22.33	100.17 7.90 -6.36	105.16 4.49 -51.79	61.47 4.13 -17.81	52.38 3.26 -18.32
GLENWOOD___5 23614	33.75 3.26 0.00	33.39 3.07 0.00	25.90 2.34 0.00	29.60 2.47 0.00	28.29 2.38 0.00	28.48 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.35 2.05 -1.39	24.02 2.22 0.00	40.42 2.48 -14.79	39.88 3.08 -10.51	40.07 4.00 -2.09	44.46 4.59 -0.50	45.46 4.49 -0.08	61.22 4.83 -14.21	62.29 5.23 -9.24	121.60 11.84 0.00	702.12 62.82 0.00	126.45 9.13 -22.33	100.17 7.90 -6.36	105.16 4.49 -51.79	61.47 4.13 -17.81	52.38 3.26 -18.32
GLOBAL GREEN_PORT_GT1 23814	33.98 3.48 0.00	33.49 3.17 0.00	26.02 2.46 0.00	29.84 2.72 0.00	28.88 2.97 0.00	29.33 3.11 0.00	33.19 3.68 0.00	28.61 3.27 0.00	26.63 3.33 -1.40	25.26 3.46 0.00	69.35 3.98 -42.22	56.00 4.63 -25.07	41.38 5.30 -2.09	70.32 6.61 -24.34	68.22 6.60 -20.74	287.21 7.14 -237.89	281.47 7.87 -225.78	280.79 18.21 -152.82	787.01 96.31 -51.40	224.81 14.02 -115.79	173.26 12.18 -75.17	113.69 7.83 -56.97	76.90 6.49 -30.88	54.02 4.93 -18.28
GLOBE___DSASP 323697	28.84 -1.66 0.00	28.70 -1.62 0.00	22.40 -1.16 0.00	25.79 -1.33 0.00	24.64 -1.27 0.00	24.78 -1.45 0.00	27.60 -1.91 0.00	23.23 -2.11 0.00	20.44 -1.47 0.00	20.27 -1.53 0.00	21.67 -1.48 0.00	24.71 -1.59 0.00	32.05 -1.93 0.00	37.11 -2.26 0.00	38.50 -2.39 0.00	39.94 -2.24 0.00	45.45 -2.36 0.00	102.69 -7.07 0.00	590.73 -44.73 3.84	87.93 -7.06 0.00	79.56 -6.35 0.00	45.37 -3.51 0.00	36.68 -2.85 0.00	29.07 -1.73 0.00
GOETHSLN___LBMP 323567	33.24 2.74 0.00	33.01 2.69 0.00	25.60 2.04 0.00	29.19 2.07 0.00	27.86 1.95 0.00	28.06 1.84 0.00	31.41 1.90 0.00	26.98 1.64 0.00	23.57 1.66 0.00	23.69 1.89 0.00	25.18 2.03 0.00	28.84 2.55 0.00	37.28 3.31 0.00	43.30 3.94 0.00	40.50 3.87 4.25	40.89 3.91 5.20	41.90 4.24 10.15	109.86 9.73 9.63	663.76 49.84 25.38	101.20 6.96 0.76	91.46 6.06 0.51	66.16 3.55 -13.73	38.87 3.14 3.80	33.34 2.54 0.00
GOLAH___69_KV_TB 1_2 80279	30.37 -0.12 0.00	30.13 -0.19 0.00	23.43 -0.12 0.00	26.95 -0.18 0.00	25.72 -0.19 0.00	25.89 -0.33 0.00	28.92 -0.59 0.00	24.55 -0.80 0.00	21.48 -0.42 0.00	21.39 -0.41 0.00	22.88 -0.27 0.00	26.16 -0.14 0.00	33.94 -0.04 0.00	39.35 -0.02 0.00	40.89 0.01 0.00	42.38 0.20 0.00	48.27 0.46 0.00	110.27 0.50 0.00	642.84 3.54 0.00	95.11 0.11 0.00	85.92 0.01 0.00	48.85 -0.04 0.00	39.40 -0.13 0.00	30.87 0.07 0.00

GOODYEAR_LAKE_HYD 323669	31.94 1.44 0.00	31.65 1.33 0.00	24.61 1.05 0.00	28.22 1.10 0.00	26.98 1.07 0.00	27.37 1.15 0.00	30.70 1.19 0.00	26.26 0.91 0.00	22.78 0.88 0.00	22.80 1.00 0.00	24.28 1.14 0.00	27.73 1.43 0.00	35.86 1.89 0.00	41.56 2.19 0.00	43.15 2.27 0.00	44.53 2.35 0.00	50.45 2.64 0.00	115.63 5.87 0.00	672.59 33.29 0.00	99.80 4.80 0.00	102.51 4.41 -12.19	120.61 2.49 -69.24	41.59 2.06 0.00	32.39 1.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.93 0.44 0.00	30.69 0.37 0.00	23.86 0.30 0.00	27.39 0.26 0.00	26.14 0.23 0.00	26.39 0.17 0.00	29.58 0.07 0.00	25.32 -0.03 0.00	22.08 0.18 0.00	22.03 0.22 0.00	23.46 0.32 0.00	27.06 0.58 -0.18	35.59 0.86 -0.75	41.07 0.88 -0.82	42.81 0.95 -0.97	43.12 0.94 0.00	50.32 1.08 -1.43	115.63 2.48 -3.38	658.39 13.40 -5.69	99.74 1.10 -3.64	91.71 1.39 -4.41	60.33 0.73 -10.71	41.27 0.61 -1.13	31.77 0.50 -0.46
GOUDEY___7 23579	30.96 0.47 0.00	30.72 0.40 0.00	23.88 0.32 0.00	27.41 0.28 0.00	26.17 0.26 0.00	26.41 0.18 0.00	29.60 0.09 0.00	25.33 -0.01 0.00	22.10 0.20 0.00	22.05 0.24 0.00	23.49 0.34 0.00	27.09 0.61 -0.18	35.63 0.90 -0.75	41.12 0.94 -0.82	42.86 1.00 -0.97	43.17 0.99 0.00	50.37 1.13 -1.43	115.76 2.61 -3.38	659.32 14.33 -5.69	99.85 1.21 -3.64	91.82 1.50 -4.41	60.39 0.79 -10.71	41.31 0.65 -1.13	31.80 0.53 -0.46
GOUDEY___8 23580	30.93 0.44 0.00	30.69 0.37 0.00	23.86 0.30 0.00	27.39 0.26 0.00	26.14 0.23 0.00	26.39 0.17 0.00	29.58 0.07 0.00	25.32 -0.03 0.00	22.08 0.18 0.00	22.03 0.22 0.00	23.46 0.32 0.00	27.06 0.58 -0.18	35.59 0.86 -0.75	41.07 0.88 -0.82	42.81 0.95 -0.97	43.12 0.94 0.00	50.32 1.08 -1.43	115.63 2.48 -3.38	658.39 13.40 -5.69	99.74 1.10 -3.64	91.71 1.39 -4.41	60.33 0.73 -10.71	41.27 0.61 -1.13	31.77 0.50 -0.46
GOWANUS_GT1_1 24077	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_2 24078	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_3 24079	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_4 24080	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_5 24084	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_6 24111	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_7 24112	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT1_8 24113	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT2_1 24114	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT2_2 24115	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT2_3 24116	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01

GOWANUS_GT2_4 24117	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT2_5 24118	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT2_6 24119	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT2_7 24120	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT2_8 24121	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_1 24122	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_2 24123	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_3 24124	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_4 24125	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_5 24126	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_6 24127	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_7 24128	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT3_8 24129	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
GOWANUS_GT4_1 24130	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT4_2 24131	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01

GOWANUS_GT4_3 24132	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT4_4 24133	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT4_5 24134	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT4_6 24135	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT4_7 24136	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GOWANUS_GT4_8 24137	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GREENBSH_115KV_TB3 55895	31.55 1.05 0.00	31.34 1.02 0.00	24.52 0.97 0.00	28.18 1.06 0.00	26.94 1.03 0.00	27.23 1.01 0.00	30.47 0.97 0.00	26.11 0.77 0.00	22.53 0.63 0.00	22.34 0.54 0.00	23.65 0.50 0.00	26.95 0.65 0.00	34.82 0.85 0.00	40.50 1.14 0.00	42.04 1.15 0.00	43.38 1.21 0.00	49.11 1.30 0.00	112.93 3.17 0.00	658.57 19.27 0.00	97.86 2.86 0.00	110.84 2.60 -22.34	177.21 1.45 -126.88	40.71 1.18 0.00	31.68 0.87 0.00
GREENIDGE_115KV_TB5 80291	30.70 0.20 0.00	30.41 0.09 0.00	23.66 0.10 0.00	27.19 0.07 0.00	25.90 -0.01 0.00	26.08 -0.14 0.00	29.16 -0.35 0.00	24.97 -0.38 0.00	21.84 -0.06 0.00	21.73 -0.07 0.00	23.15 0.01 0.00	26.68 0.23 -0.15	34.88 0.28 -0.62	40.38 0.34 -0.68	42.18 0.49 -0.80	42.66 0.49 0.00	49.72 0.73 -1.18	114.32 1.78 -2.78	649.20 5.22 -4.68	99.15 1.15 -3.00	89.83 1.59 -2.33	51.11 0.76 -1.46	41.00 0.54 -0.93	31.64 0.46 -0.38
GREENIDGE___3 23582	30.70 0.20 0.00	30.41 0.09 0.00	23.66 0.10 0.00	27.19 0.07 0.00	25.90 -0.01 0.00	26.08 -0.14 0.00	29.16 -0.35 0.00	24.97 -0.38 0.00	21.84 -0.06 0.00	21.73 -0.07 0.00	23.15 0.01 0.00	26.68 0.23 -0.15	34.88 0.28 -0.62	40.38 0.34 -0.68	42.18 0.49 -0.80	42.66 0.49 0.00	49.72 0.73 -1.18	114.32 1.78 -2.78	649.20 5.22 -4.68	99.15 1.15 -3.00	89.83 1.59 -2.33	51.11 0.76 -1.46	41.00 0.54 -0.93	31.64 0.46 -0.38
GREENIDGE___4 23583	30.71 0.21 0.00	30.41 0.09 0.00	23.66 0.10 0.00	27.19 0.07 0.00	25.90 -0.01 0.00	26.08 -0.14 0.00	29.16 -0.35 0.00	24.97 -0.38 0.00	21.84 -0.06 0.00	21.73 -0.07 0.00	23.15 0.00 0.00	26.68 0.22 -0.15	34.88 0.28 -0.62	40.38 0.34 -0.68	42.17 0.49 -0.80	42.66 0.49 0.00	49.72 0.73 -1.18	114.33 1.78 -2.78	649.35 5.37 -4.68	99.15 1.15 -3.00	89.83 1.59 -2.33	51.10 0.76 -1.46	40.99 0.54 -0.93	31.65 0.46 -0.38
GREENLWN_69_KV_BK 3 55738	33.38 2.88 0.00	33.04 2.72 0.00	25.68 2.12 0.00	29.39 2.26 0.00	28.11 2.20 0.00	28.30 2.08 0.00	31.72 2.22 0.00	27.22 1.88 0.00	25.18 1.88 -1.39	23.79 1.98 0.00	34.16 2.21 -8.80	36.35 2.73 -7.33	39.58 3.52 -2.09	39.02 4.36 4.71	39.04 4.20 6.04	6.61 4.62 40.19	-15.58 5.01 68.40	64.08 57.22 56.99	672.96 75.22 23.56	83.28 8.69 20.40	76.23 7.47 17.14	103.60 4.06 -50.65	58.03 3.54 -14.95	51.90 2.82 -18.28
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01
GRISSOM___SOLAR 323813	34.40 3.91 0.00	33.97 3.65 0.00	26.28 2.72 0.00	30.10 2.98 0.00	28.65 2.74 0.00	29.05 2.83 0.00	31.96 2.45 0.00	26.37 1.02 0.00	22.31 0.41 0.00	22.25 0.45 0.00	23.65 0.51 0.00	27.06 0.76 0.00	34.82 0.84 0.00	40.77 1.40 0.00	42.16 1.27 0.00	43.46 1.28 0.00	49.83 2.02 0.00	116.27 6.51 0.00	702.80 63.50 0.00	109.17 14.17 0.00	139.22 13.81 -39.50	280.61 7.36 -224.36	45.13 5.60 0.00	34.88 4.07 0.00
GROVEVILLE___HYD 323602	33.27 2.77 0.00	33.00 2.68 0.00	25.56 2.00 0.00	29.21 2.09 0.00	27.87 1.96 0.00	28.09 1.87 0.00	31.46 1.95 0.00	27.01 1.66 0.00	23.54 1.64 0.00	23.62 1.82 0.00	25.11 1.97 0.00	28.76 2.46 0.00	37.24 3.27 0.00	43.35 3.99 0.00	44.96 4.08 0.00	46.41 4.23 0.00	52.57 4.76 0.00	120.77 11.00 0.00	699.57 60.27 0.00	103.47 8.47 0.00	97.20 7.40 -3.90	75.26 4.24 -22.13	43.02 3.49 0.00	33.47 2.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.07 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.06 -9.16	661.17 6.48 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25

HAMLTNNY_34_KV_TB 80303	30.59 0.09 0.00	30.29 -0.03 0.00	23.52 -0.04 0.00	27.10 -0.02 0.00	25.82 -0.09 0.00	26.07 -0.15 0.00	29.23 -0.28 0.00	25.04 -0.30 0.00	21.80 -0.10 0.00	21.71 -0.10 0.00	23.10 -0.04 0.00	26.90 0.09 -0.51	36.26 0.19 -2.10	41.87 0.23 -2.28	43.88 0.30 -2.69	42.57 0.39 0.00	52.36 0.57 -3.97	120.48 1.34 -9.38	663.51 8.44 -15.77	106.08 0.98 -10.10	94.74 0.97 -7.85	54.21 0.41 -4.92	42.95 0.29 -3.13	32.26 0.18 -1.28
HAMPSHIRE___PAPER_HYD 323593	29.28 -1.22 0.00	28.84 -1.48 0.00	22.36 -1.19 0.00	25.76 -1.36 0.00	24.79 -1.12 0.00	25.44 -0.78 0.00	28.84 -0.67 0.00	24.82 -0.53 0.00	21.45 -0.46 0.00	21.22 -0.58 0.00	22.54 -0.60 0.00	25.69 -0.77 -0.16	33.76 -0.89 -0.68	38.91 -1.19 -0.74	40.57 -1.19 -0.87	40.79 -1.39 0.00	47.85 -1.25 -1.29	110.44 -2.35 -3.03	636.09 -8.31 -5.10	98.28 0.01 -3.27	88.93 0.48 -2.54	50.64 0.16 -1.59	40.53 -0.01 -1.01	31.06 -0.16 -0.41
HARDSCRABBLE_WT_PWR 323673	31.60 1.11 0.00	31.33 1.01 0.00	24.38 0.83 0.00	27.97 0.84 0.00	26.76 0.85 0.00	27.05 0.83 0.00	30.24 0.73 0.00	25.67 0.33 0.00	22.08 0.17 0.00	21.93 0.13 0.00	23.26 0.12 0.00	26.68 0.38 0.00	34.54 0.56 0.00	40.15 0.78 0.00	41.70 0.82 0.00	43.06 0.88 0.00	48.71 0.90 0.00	112.35 2.59 0.00	659.07 19.77 0.00	98.24 3.24 0.00	89.25 3.34 0.00	50.77 1.88 0.00	41.06 1.53 0.00	31.83 1.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.07 2.57 0.00	32.82 2.50 0.00	25.44 1.88 0.00	29.03 1.90 0.00	27.68 1.78 0.00	27.91 1.68 0.00	31.24 1.74 0.00	26.82 1.48 0.00	23.39 1.49 0.00	23.49 1.69 0.00	24.98 1.84 0.00	28.61 2.31 0.00	37.06 3.08 0.00	43.18 3.81 0.00	44.72 3.84 0.00	46.14 3.96 0.00	52.22 4.41 0.00	119.89 10.13 0.00	693.61 54.31 0.00	102.52 7.52 0.00	95.87 6.54 -3.42	72.08 3.79 -19.41	42.62 3.09 0.00	33.18 2.37 0.00
HARSNRAD_115KV_TB1 81005	29.39 -1.11 0.00	29.23 -1.09 0.00	22.79 -0.77 0.00	26.22 -0.91 0.00	25.05 -0.86 0.00	25.19 -1.03 0.00	28.05 -1.46 0.00	23.63 -1.72 0.00	20.79 -1.11 0.00	20.65 -1.16 0.00	22.08 -1.07 0.00	25.22 -1.08 0.00	32.74 -1.24 0.00	37.93 -1.44 0.00	39.34 -1.54 0.00	40.82 -1.35 0.00	46.48 -1.33 0.00	105.26 -4.50 0.00	614.36 -25.97 -1.03	90.69 -4.31 0.00	82.03 -3.89 0.00	46.78 -2.10 0.00	37.84 -1.69 0.00	29.92 -0.89 0.00
HARZA MOOSE___RIVER 24016	30.43 -0.06 0.00	29.98 -0.34 0.00	23.28 -0.28 0.00	26.77 -0.35 0.00	25.76 -0.15 0.00	26.38 0.16 0.00	29.79 0.28 0.00	25.57 0.23 0.00	22.18 0.28 0.00	22.02 0.21 0.00	23.41 0.26 0.00	26.81 0.37 -0.14	35.11 0.55 -0.58	40.48 0.49 -0.63	42.10 0.47 -0.74	42.58 0.41 0.00	49.58 0.68 -1.09	114.45 2.11 -2.58	661.20 17.57 -4.33	101.16 3.39 -2.77	91.55 3.48 -2.16	52.11 1.87 -1.35	41.74 1.35 -0.86	32.04 0.89 -0.35
HDSNBRDG_115KV_BRDG_TB1 355580	30.34 -0.16 0.00	30.07 -0.24 0.00	23.37 -0.19 0.00	26.89 -0.23 0.00	25.65 -0.25 0.00	25.89 -0.33 0.00	29.03 -0.48 0.00	24.88 -0.46 0.00	21.63 -0.27 0.00	21.55 -0.25 0.00	22.93 -0.22 0.00	26.45 -0.11 -0.27	35.02 -0.06 -1.11	40.48 -0.09 -1.21	42.28 -0.03 -1.43	42.20 0.02 0.00	50.02 0.10 -2.10	115.00 0.27 -4.97	649.64 2.00 -8.34	100.37 0.03 -5.35	90.12 0.05 -4.16	51.46 -0.03 -2.60	41.10 -0.09 -1.66	31.39 -0.09 -0.68
HELLGATE_13_KV_LD 55870	33.38 2.88 0.00	33.10 2.78 0.00	25.68 2.13 0.00	29.29 2.16 0.00	27.96 2.05 0.00	28.16 1.94 0.00	31.50 2.00 0.00	27.09 1.74 0.00	23.67 1.77 0.00	23.79 1.99 0.00	25.27 2.12 0.00	28.95 2.65 0.00	37.43 3.45 0.00	43.46 4.09 0.00	44.96 4.08 0.00	46.37 4.19 0.00	52.38 4.58 0.00	120.18 10.42 0.00	693.12 53.82 0.00	102.57 7.57 0.00	96.22 6.59 -3.72	73.88 3.84 -21.15	42.93 3.41 0.00	33.53 2.73 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.38 2.88 0.00	33.10 2.78 0.00	25.68 2.13 0.00	29.29 2.16 0.00	27.96 2.05 0.00	28.16 1.94 0.00	31.50 2.00 0.00	27.09 1.74 0.00	23.67 1.77 0.00	23.79 1.99 0.00	25.27 2.12 0.00	28.95 2.65 0.00	37.43 3.45 0.00	43.46 4.09 0.00	44.96 4.08 0.00	46.37 4.19 0.00	52.38 4.58 0.00	120.18 10.42 0.00	693.12 53.82 0.00	102.57 7.57 0.00	96.22 6.59 -3.72	73.88 3.84 -21.15	42.93 3.41 0.00	33.53 2.73 0.00
HEMPSTEAD____ 23647	33.53 3.03 0.00	33.17 2.85 0.00	25.74 2.18 0.00	29.41 2.29 0.00	28.12 2.21 0.00	28.30 2.08 0.00	31.72 2.22 0.00	27.24 1.90 0.00	25.21 1.91 -1.40	23.87 2.07 0.00	40.25 2.31 -14.79	39.65 2.84 -10.51	39.77 3.71 -2.09	38.92 4.37 4.82	44.60 4.22 0.51	60.83 4.53 -14.13	61.95 4.90 -9.24	120.76 11.00 0.00	694.05 57.94 3.19	125.57 8.46 -22.12	99.63 7.36 -6.36	104.84 4.17 -51.79	60.90 3.76 -17.61	51.58 3.03 -17.75
HEWLETT_69_KV_BK3 55828	33.86 3.37 0.00	33.51 3.19 0.00	25.99 2.43 0.00	29.69 2.57 0.00	28.37 2.46 0.00	28.56 2.34 0.00	31.99 2.48 0.00	27.47 2.12 0.00	25.41 2.11 -1.39	24.08 2.28 0.00	40.50 2.56 -14.79	39.97 3.16 -10.51	40.19 4.13 -2.09	126.63 4.87 -82.39	54.71 4.67 -9.15	62.65 4.92 -15.55	62.15 5.10 -9.24	121.15 11.39 0.00	752.38 63.94 -49.14	129.82 9.21 -25.60	100.25 7.97 -6.36	105.27 4.60 -51.79	64.60 4.09 -20.97	61.38 3.29 -27.29
HICKLING___1 23621	30.84 0.35 0.00	30.60 0.28 0.00	23.76 0.21 0.00	27.25 0.13 0.00	25.99 0.08 0.00	26.15 -0.08 0.00	29.31 -0.19 0.00	25.07 -0.28 0.00	22.04 0.13 0.00	22.03 0.22 0.00	23.51 0.36 0.00	27.19 0.74 -0.15	35.74 1.14 -0.62	41.16 1.11 -0.68	42.89 1.21 -0.80	43.33 1.15 0.00	50.31 1.32 -1.18	115.65 3.11 -2.78	660.49 16.51 -4.68	98.81 0.81 -3.00	90.83 1.44 -3.48	57.56 0.70 -7.98	40.99 0.53 -0.93	31.69 0.51 -0.38
HICKLING___2 23622	30.84 0.35 0.00	30.60 0.28 0.00	23.76 0.21 0.00	27.25 0.13 0.00	25.99 0.08 0.00	26.15 -0.08 0.00	29.31 -0.19 0.00	25.07 -0.28 0.00	22.04 0.13 0.00	22.03 0.22 0.00	23.51 0.36 0.00	27.19 0.74 -0.15	35.74 1.14 -0.62	41.16 1.11 -0.68	42.89 1.21 -0.80	43.33 1.15 0.00	50.31 1.32 -1.18	115.65 3.11 -2.78	660.49 16.51 -4.68	98.81 0.81 -3.00	90.83 1.44 -3.48	57.56 0.70 -7.98	40.99 0.53 -0.93	31.69 0.51 -0.38
HIGH FALLS___HY 23754	33.20 2.70 0.00	32.89 2.57 0.00	25.43 1.88 0.00	29.00 1.87 0.00	27.64 1.73 0.00	27.88 1.66 0.00	31.21 1.71 0.00	26.82 1.47 0.00	23.43 1.52 0.00	23.58 1.77 0.00	25.06 1.91 0.00	28.68 2.38 0.00	37.14 3.17 0.00	43.01 3.64 0.00	44.71 3.82 0.00	46.15 3.97 0.00	52.20 4.39 0.00	120.07 10.31 0.00	694.96 55.66 0.00	102.83 7.83 0.00	98.41 6.76 -5.74	85.62 4.14 -32.59	42.94 3.41 0.00	33.38 2.57 0.00
HIGH_RIVER___SOLAR 323847	32.18 1.68 0.00	31.91 1.59 0.00	24.76 1.20 0.00	28.45 1.33 0.00	27.18 1.27 0.00	27.50 1.28 0.00	30.79 1.28 0.00	26.28 0.94 0.00	22.63 0.73 0.00	22.53 0.73 0.00	23.91 0.77 0.00	27.27 0.98 0.00	35.23 1.26 0.00	40.94 1.57 0.00	42.52 1.63 0.00	43.87 1.69 0.00	49.76 1.95 0.00	114.60 4.84 0.00	670.81 31.51 0.00	100.30 5.30 0.00	134.46 5.03 -43.52	298.93 2.82 -247.22	41.78 2.25 0.00	32.49 1.68 0.00

HILLBURN___GT 23639	33.01 2.51 0.00	32.79 2.47 0.00	25.42 1.86 0.00	29.00 1.88 0.00	27.66 1.76 0.00	27.88 1.66 0.00	31.20 1.69 0.00	26.79 1.44 0.00	23.37 1.47 0.00	23.49 1.69 0.00	24.96 1.81 0.00	28.56 2.26 0.00	36.97 2.99 0.00	43.06 3.69 0.00	44.55 3.67 0.00	45.93 3.75 0.00	51.92 4.11 0.00	119.12 9.35 0.00	688.11 48.81 0.00	101.71 6.71 0.00	95.31 5.91 -3.48	72.16 3.50 -19.77	42.45 2.92 0.00	33.09 2.28 0.00
HILLSIDE_115KV_TB1 80332	30.45 -0.05 0.00	30.21 -0.11 0.00	23.48 -0.08 0.00	26.91 -0.22 0.00	25.68 -0.23 0.00	25.86 -0.37 0.00	29.00 -0.51 0.00	24.81 -0.53 0.00	21.80 -0.10 0.00	21.78 -0.02 0.00	23.24 0.09 0.00	26.88 0.43 -0.16	35.34 0.72 -0.65	40.60 0.54 -0.70	42.35 0.64 -0.83	42.71 0.53 0.00	49.61 0.58 -1.22	114.05 1.41 -2.88	650.40 6.26 -4.84	97.22 -0.88 -3.10	89.54 0.03 -3.60	57.04 -0.11 -8.26	40.41 -0.08 -0.96	31.23 0.03 -0.39
HISHELDN_WT_PWR 323625	29.84 -0.66 0.00	29.63 -0.69 0.00	23.08 -0.48 0.00	26.53 -0.60 0.00	25.34 -0.57 0.00	25.49 -0.73 0.00	28.45 -1.05 0.00	24.12 -1.22 0.00	21.26 -0.65 0.00	21.18 -0.63 0.00	22.62 -0.53 0.00	25.91 -0.39 0.00	33.64 -0.34 0.00	38.89 -0.47 0.00	40.33 -0.55 0.00	41.75 -0.43 0.00	47.46 -0.35 0.00	108.11 -1.65 0.00	629.34 -10.29 -0.33	92.58 -2.42 0.00	83.92 -1.99 0.00	47.76 -1.12 0.00	38.62 -0.91 0.00	30.45 -0.35 0.00
HOLTSVILLE_IC_1 23690	33.54 3.04 0.00	33.14 2.82 0.00	25.75 2.20 0.00	29.49 2.36 0.00	28.23 2.32 0.00	28.43 2.21 0.00	31.90 2.39 0.00	27.40 2.05 0.00	25.37 2.07 -1.40	24.00 2.19 0.00	67.27 2.46 -41.66	54.03 2.96 -24.77	39.85 3.78 -2.09	67.84 4.62 -23.85	65.33 4.41 -20.03	279.23 4.74 -232.32	268.82 5.09 -215.92	266.74 11.51 -145.46	746.95 59.51 -48.14	213.96 9.08 -109.88	165.94 7.79 -72.24	110.11 4.36 -56.87	73.99 3.85 -30.62	52.19 3.10 -18.28
HOLTSVILLE_IC_10 23699	33.73 3.23 0.00	33.32 3.01 0.00	25.89 2.33 0.00	29.63 2.51 0.00	28.37 2.46 0.00	28.56 2.34 0.00	32.05 2.54 0.00	27.53 2.18 0.00	25.51 2.21 -1.40	24.15 2.35 0.00	69.55 2.64 -43.76	55.37 3.18 -25.89	40.14 4.06 -2.09	70.04 5.00 -25.68	68.51 4.79 -22.83	300.99 5.12 -253.69	308.79 5.43 -255.55	297.22 12.36 -175.10	764.30 63.56 -61.44	238.90 9.93 -133.98	178.50 8.64 -83.95	110.94 4.79 -57.27	75.32 4.17 -31.62	52.42 3.33 -18.28
HOLTSVILLE_IC_2 23691	33.54 3.04 0.00	33.14 2.82 0.00	25.75 2.20 0.00	29.49 2.36 0.00	28.23 2.32 0.00	28.43 2.21 0.00	31.90 2.39 0.00	27.40 2.05 0.00	25.37 2.07 -1.40	24.00 2.19 0.00	67.27 2.46 -41.66	54.03 2.96 -24.77	39.85 3.78 -2.09	67.84 4.62 -23.85	65.33 4.41 -20.03	279.23 4.74 -232.32	268.82 5.09 -215.92	266.74 11.51 -145.46	746.95 59.51 -48.14	213.96 9.08 -109.88	165.94 7.79 -72.24	110.11 4.36 -56.87	73.99 3.85 -30.62	52.19 3.10 -18.28
HOLTSVILLE_IC_3 23692	33.54 3.04 0.00	33.14 2.82 0.00	25.75 2.20 0.00	29.49 2.36 0.00	28.23 2.32 0.00	28.43 2.21 0.00	31.90 2.39 0.00	27.40 2.05 0.00	25.37 2.07 -1.40	24.00 2.19 0.00	67.27 2.46 -41.66	54.03 2.96 -24.77	39.85 3.78 -2.09	67.84 4.62 -23.85	65.33 4.41 -20.03	279.23 4.74 -232.32	268.82 5.09 -215.92	266.74 11.51 -145.46	746.95 59.51 -48.14	213.96 9.08 -109.88	165.94 7.79 -72.24	110.11 4.36 -56.87	73.99 3.85 -30.62	52.19 3.10 -18.28
HOLTSVILLE_IC_4 23693	33.54 3.04 0.00	33.14 2.82 0.00	25.75 2.20 0.00	29.49 2.36 0.00	28.23 2.32 0.00	28.43 2.21 0.00	31.90 2.39 0.00	27.40 2.05 0.00	25.37 2.07 -1.40	24.00 2.19 0.00	67.27 2.46 -41.66	54.03 2.96 -24.77	39.85 3.78 -2.09	67.84 4.62 -23.85	65.33 4.41 -20.03	279.23 4.74 -232.32	268.82 5.09 -215.92	266.74 11.51 -145.46	746.95 59.51 -48.14	213.96 9.08 -109.88	165.94 7.79 -72.24	110.11 4.36 -56.87	73.99 3.85 -30.62	52.19 3.10 -18.28
HOLTSVILLE_IC_5 23694	33.54 3.04 0.00	33.14 2.82 0.00	25.75 2.20 0.00	29.49 2.36 0.00	28.23 2.32 0.00	28.43 2.21 0.00	31.90 2.39 0.00	27.40 2.05 0.00	25.37 2.07 -1.40	24.00 2.19 0.00	67.27 2.46 -41.66	54.03 2.96 -24.77	39.85 3.78 -2.09	67.84 4.62 -23.85	65.33 4.41 -20.03	279.23 4.74 -232.32	268.82 5.09 -215.92	266.74 11.51 -145.46	746.95 59.51 -48.14	213.96 9.08 -109.88	165.94 7.79 -72.24	110.11 4.36 -56.87	73.99 3.85 -30.62	52.19 3.10 -18.28
HOLTSVILLE_IC_6 23695	33.73 3.23 0.00	33.32 3.01 0.00	25.89 2.33 0.00	29.63 2.51 0.00	28.37 2.46 0.00	28.56 2.34 0.00	32.05 2.54 0.00	27.53 2.18 0.00	25.51 2.21 -1.40	24.15 2.35 0.00	69.55 2.64 -43.76	55.37 3.18 -25.89	40.14 4.06 -2.09	70.04 5.00 -25.68	68.51 4.79 -22.83	300.99 5.12 -253.69	308.79 5.43 -255.55	297.22 12.36 -175.10	764.30 63.56 -61.44	238.90 9.93 -133.98	178.50 8.64 -83.95	110.94 4.79 -57.27	75.32 4.17 -31.62	52.42 3.33 -18.28
HOLTSVILLE_IC_7 23696	33.73 3.23 0.00	33.32 3.01 0.00	25.89 2.33 0.00	29.63 2.51 0.00	28.37 2.46 0.00	28.56 2.34 0.00	32.05 2.54 0.00	27.53 2.18 0.00	25.51 2.21 -1.40	24.15 2.35 0.00	69.55 2.64 -43.76	55.37 3.18 -25.89	40.14 4.06 -2.09	70.04 5.00 -25.68	68.51 4.79 -22.83	300.99 5.12 -253.69	308.79 5.43 -255.55	297.22 12.36 -175.10	764.30 63.56 -61.44	238.90 9.93 -133.98	178.50 8.64 -83.95	110.94 4.79 -57.27	75.32 4.17 -31.62	52.42 3.33 -18.28
HOLTSVILLE_IC_8 23697	33.73 3.23 0.00	33.32 3.01 0.00	25.89 2.33 0.00	29.63 2.51 0.00	28.37 2.46 0.00	28.56 2.34 0.00	32.05 2.54 0.00	27.53 2.18 0.00	25.51 2.21 -1.40	24.15 2.35 0.00	69.55 2.64 -43.76	55.37 3.18 -25.89	40.14 4.06 -2.09	70.04 5.00 -25.68	68.51 4.79 -22.83	300.99 5.12 -253.69	308.79 5.43 -255.55	297.22 12.36 -175.10	764.30 63.56 -61.44	238.90 9.93 -133.98	178.50 8.64 -83.95	110.94 4.79 -57.27	75.32 4.17 -31.62	52.42 3.33 -18.28
HOLTSVILLE_IC_9 23698	33.73 3.23 0.00	33.32 3.01 0.00	25.89 2.33 0.00	29.63 2.51 0.00	28.37 2.46 0.00	28.56 2.34 0.00	32.05 2.54 0.00	27.53 2.18 0.00	25.51 2.21 -1.40	24.15 2.35 0.00	69.55 2.64 -43.76	55.37 3.18 -25.89	40.14 4.06 -2.09	70.04 5.00 -25.68	68.51 4.79 -22.83	300.99 5.12 -253.69	308.79 5.43 -255.55	297.22 12.36 -175.10	764.30 63.56 -61.44	238.90 9.93 -133.98	178.50 8.64 -83.95	110.94 4.79 -57.27	75.32 4.17 -31.62	52.42 3.33 -18.28
HOMER_HL_115KV_TB2 355744	30.28 -0.22 0.00	30.06 -0.26 0.00	23.40 -0.15 0.00	26.82 -0.31 0.00	25.61 -0.30 0.00	25.76 -0.46 0.00	28.78 -0.72 0.00	24.49 -0.86 0.00	21.63 -0.28 0.00	21.64 -0.16 0.00	23.06 -0.08 0.00	26.48 0.18 0.00	34.29 0.32 0.00	39.36 -0.01 0.00	40.60 -0.29 0.00	41.82 -0.36 0.00	47.42 -0.39 0.00	108.16 -1.60 0.00	627.39 -12.43 -0.52	92.03 -2.96 0.00	83.61 -2.30 0.00	47.65 -1.24 0.00	38.96 -0.57 0.00	30.79 -0.02 0.00
HOWARD_WT_PWR 323690	30.60 0.10 0.00	30.30 -0.02 0.00	23.48 -0.08 0.00	27.01 -0.11 0.00	25.72 -0.19 0.00	25.92 -0.30 0.00	29.03 -0.48 0.00	24.79 -0.55 0.00	21.92 0.02 0.00	21.89 0.09 0.00	23.36 0.22 0.00	26.95 0.54 -0.11	35.29 0.86 -0.45	40.83 0.97 -0.49	42.33 0.87 -0.59	43.07 0.89 0.00	49.77 1.10 -0.86	114.09 2.29 -2.04	654.79 11.85 -3.64	97.96 0.76 -2.20	88.83 1.22 -1.71	50.54 0.59 -1.07	40.74 0.53 -0.68	31.69 0.61 -0.28

HQ_GEN_CEDARS 23644	29.29 -1.21 0.00	29.15 -1.17 0.00	22.60 -0.96 0.00	26.11 -1.01 0.00	24.98 -0.93 0.00	25.36 -0.86 0.00	28.74 -0.77 0.00	24.87 -0.48 0.00	21.40 -0.51 0.00	21.23 -0.58 0.00	22.55 -0.60 0.00	25.39 -0.91 0.00	32.67 -1.31 0.00	37.73 -1.63 0.00	39.22 -1.67 0.00	40.42 -1.76 0.00	45.90 -1.91 0.00	105.61 -4.15 0.00	616.40 -22.90 0.00	92.18 -2.82 0.00	83.35 -2.56 0.00	47.36 -1.52 0.00	38.20 -1.33 0.00	29.78 -1.02 0.00
HQ_GEN_CEDARS_PROXY 323590	29.28 -1.21 0.00	29.14 -1.17 0.00	22.60 -0.96 0.00	26.11 -1.01 0.00	24.98 -0.93 0.00	21.48 -0.86 3.88	22.26 -0.77 6.48	24.87 -0.48 0.00	21.40 -0.51 0.00	21.23 -0.58 0.00	22.55 -0.59 0.00	25.39 -0.90 0.00	32.67 -1.31 0.00	37.73 -1.63 0.00	39.22 -1.67 0.00	40.42 -1.76 0.00	45.90 -1.91 0.00	105.61 -4.15 0.00	616.41 -22.89 0.00	92.18 -2.82 0.00	83.35 -2.56 0.00	47.36 -1.53 0.00	38.20 -1.33 0.00	29.78 -1.03 0.00
HQ_GEN_IMPORT 323601	29.80 -0.70 0.00	29.70 -0.62 0.00	23.04 -0.52 0.00	26.61 -0.52 0.00	25.41 -0.50 0.00	25.76 -0.46 0.00	29.17 -0.34 0.00	25.18 -0.17 0.00	21.66 -0.24 0.00	21.51 -0.29 0.00	22.84 -0.31 0.00	25.78 -0.52 0.00	33.21 -0.77 0.00	38.22 -0.97 0.18	39.91 -0.98 0.00	41.15 -1.03 0.00	46.68 -1.13 0.00	107.24 -2.53 0.00	624.94 -14.36 0.00	93.10 -1.89 0.00	84.15 -1.76 0.00	47.87 -1.01 0.00	38.65 -0.88 0.00	30.45 -0.67 -0.31
HQ_GEN_WHEEL 23651	29.80 -0.70 0.00	29.70 -0.62 0.00	23.04 -0.52 0.00	26.61 -0.52 0.00	25.41 -0.50 0.00	25.76 -0.46 0.00	29.17 -0.34 0.00	25.18 -0.17 0.00	21.66 -0.24 0.00	21.51 -0.29 0.00	22.84 -0.31 0.00	25.78 -0.52 0.00	33.21 -0.77 0.00	38.22 -0.97 0.18	39.91 -0.98 0.00	41.15 -1.03 0.00	46.68 -1.13 0.00	107.24 -2.53 0.00	624.94 -14.36 0.00	93.10 -1.89 0.00	84.15 -1.76 0.00	47.87 -1.01 0.00	38.65 -0.88 0.00	30.45 -0.67 -0.31
HUDSON AVE_GT_3 23810	33.46 2.96 0.00	33.20 2.88 0.00	25.75 2.19 0.00	29.37 2.24 0.00	28.03 2.12 0.00	28.23 2.00 0.00	31.59 2.08 0.00	27.14 1.80 0.00	23.73 1.82 0.00	23.85 2.05 0.00	25.34 2.19 0.00	29.01 2.71 0.00	37.53 3.55 0.00	43.59 4.22 0.00	45.13 4.25 0.00	46.51 4.33 0.00	52.55 4.74 0.00	120.60 10.84 0.00	695.95 56.65 0.00	102.93 7.93 0.00	96.58 6.95 -3.72	74.10 4.06 -21.15	43.06 3.53 0.00	33.62 2.81 0.00
HUDSON AVE_GT_4 23540	33.46 2.96 0.00	33.20 2.88 0.00	25.75 2.19 0.00	29.37 2.24 0.00	28.03 2.12 0.00	28.23 2.00 0.00	31.59 2.08 0.00	27.14 1.80 0.00	23.73 1.82 0.00	23.85 2.05 0.00	25.34 2.19 0.00	29.01 2.71 0.00	37.53 3.55 0.00	43.59 4.22 0.00	45.13 4.25 0.00	46.51 4.33 0.00	52.55 4.74 0.00	120.60 10.84 0.00	695.95 56.65 0.00	102.93 7.93 0.00	96.58 6.95 -3.72	74.10 4.06 -21.15	43.06 3.53 0.00	33.62 2.81 0.00
HUDSON AVE_GT_5 23657	33.46 2.96 0.00	33.20 2.88 0.00	25.75 2.19 0.00	29.37 2.24 0.00	28.03 2.12 0.00	28.23 2.00 0.00	31.59 2.08 0.00	27.14 1.80 0.00	23.73 1.82 0.00	23.85 2.05 0.00	25.34 2.19 0.00	29.01 2.71 0.00	37.53 3.55 0.00	43.59 4.22 0.00	45.13 4.25 0.00	46.51 4.33 0.00	52.55 4.74 0.00	120.60 10.84 0.00	695.95 56.65 0.00	102.93 7.93 0.00	96.58 6.95 -3.72	74.10 4.06 -21.15	43.06 3.53 0.00	33.62 2.81 0.00
HUDSON_AVE_10 24168	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.14 0.00	27.93 2.02 0.00	28.13 1.91 0.00	31.47 1.97 0.00	27.06 1.71 0.00	23.66 1.75 0.00	23.78 1.97 0.00	25.25 2.11 0.00	28.90 2.60 0.00	37.39 3.41 0.00	43.46 4.09 0.00	44.98 4.09 0.00	46.37 4.19 0.00	52.35 4.54 0.00	120.16 10.39 0.00	693.45 54.15 0.00	102.49 7.49 0.00	96.21 6.58 -3.72	73.91 3.87 -21.15	42.88 3.36 0.00	33.48 2.68 0.00
HUDSON___115KV_TB 4 355613	32.38 1.89 0.00	32.09 1.78 0.00	25.08 1.52 0.00	28.81 1.68 0.00	27.53 1.62 0.00	27.81 1.59 0.00	31.11 1.60 0.00	26.61 1.26 0.00	22.90 0.99 0.00	22.65 0.84 0.00	23.96 0.82 0.00	27.32 1.02 0.00	35.37 1.39 0.00	41.22 1.86 0.00	42.85 1.96 0.00	44.28 2.10 0.00	50.24 2.43 0.00	115.90 6.14 0.00	681.12 41.82 0.00	101.23 6.23 0.00	109.65 5.71 -18.03	154.37 3.07 -102.41	41.93 2.40 0.00	32.53 1.73 0.00
HUNTER MOUNT___DRP 323613	32.55 2.05 0.00	32.25 1.93 0.00	25.19 1.63 0.00	28.97 1.84 0.00	27.68 1.77 0.00	27.97 1.75 0.00	31.29 1.78 0.00	26.74 1.40 0.00	22.97 1.07 0.00	22.68 0.87 0.00	23.99 0.84 0.00	27.37 1.08 0.00	35.46 1.48 0.00	41.35 1.99 0.00	43.00 2.11 0.00	44.46 2.28 0.00	50.50 2.68 0.00	116.61 6.85 0.00	687.00 47.69 0.00	102.18 7.18 0.00	107.59 6.54 -15.14	138.31 3.45 -85.98	42.20 2.67 0.00	32.70 1.89 0.00
HUNTINGTON_RES_REC 323705	33.49 2.99 0.00	33.11 2.79 0.00	25.74 2.18 0.00	29.47 2.35 0.00	28.20 2.29 0.00	28.39 2.16 0.00	31.84 2.33 0.00	27.33 1.99 0.00	25.30 2.00 -1.40	23.92 2.11 0.00	108.34 2.38 -82.82	75.82 2.89 -46.64	39.80 3.71 -2.11	103.61 4.61 -59.64	105.88 4.44 -60.55	647.97 4.89 -600.91	773.89 5.32 -720.76	636.54 12.02 -514.75	898.51 60.79 -198.42	486.79 9.36 -382.42	319.73 8.06 -225.76	117.85 4.31 -64.65	93.55 3.78 -50.24	52.06 2.98 -18.28
HUNTLEY___63 23557	29.63 -0.87 0.00	29.47 -0.85 0.00	22.96 -0.60 0.00	26.41 -0.72 0.00	25.24 -0.67 0.00	25.37 -0.85 0.00	28.25 -1.25 0.00	23.83 -1.51 0.00	20.99 -0.92 0.00	20.86 -0.94 0.00	22.33 -0.82 0.00	25.52 -0.78 0.00	33.15 -0.83 0.00	38.38 -0.99 0.00	39.83 -1.05 0.00	41.34 -0.84 0.00	47.08 -0.73 0.00	106.65 -3.12 0.00	624.74 -19.30 -4.74	91.50 -3.50 0.00	82.75 -3.16 0.00	47.13 -1.75 0.00	38.07 -1.46 0.00	30.09 -0.71 0.00
HUNTLEY___64 23558	29.63 -0.87 0.00	29.47 -0.85 0.00	22.96 -0.60 0.00	26.41 -0.72 0.00	25.24 -0.67 0.00	25.37 -0.85 0.00	28.25 -1.25 0.00	23.83 -1.51 0.00	20.99 -0.92 0.00	20.86 -0.94 0.00	22.33 -0.82 0.00	25.52 -0.78 0.00	33.15 -0.83 0.00	38.38 -0.99 0.00	39.83 -1.05 0.00	41.34 -0.84 0.00	47.08 -0.73 0.00	106.65 -3.12 0.00	624.74 -19.30 -4.74	91.50 -3.50 0.00	82.75 -3.16 0.00	47.13 -1.75 0.00	38.07 -1.46 0.00	30.09 -0.71 0.00
HUNTLEY___65 23559	29.63 -0.87 0.00	29.47 -0.85 0.00	22.96 -0.60 0.00	26.41 -0.72 0.00	25.24 -0.67 0.00	25.37 -0.85 0.00	28.25 -1.25 0.00	23.83 -1.51 0.00	20.99 -0.92 0.00	20.86 -0.94 0.00	22.33 -0.82 0.00	25.52 -0.78 0.00	33.15 -0.83 0.00	38.38 -0.99 0.00	39.83 -1.05 0.00	41.34 -0.84 0.00	47.08 -0.73 0.00	106.65 -3.12 0.00	624.74 -19.30 -4.74	91.50 -3.50 0.00	82.75 -3.16 0.00	47.13 -1.75 0.00	38.07 -1.46 0.00	30.09 -0.71 0.00
HUNTLEY___66 23560	29.63 -0.87 0.00	29.47 -0.85 0.00	22.96 -0.60 0.00	26.41 -0.72 0.00	25.24 -0.67 0.00	25.37 -0.85 0.00	28.25 -1.25 0.00	23.83 -1.51 0.00	20.99 -0.92 0.00	20.86 -0.94 0.00	22.33 -0.82 0.00	25.52 -0.78 0.00	33.15 -0.83 0.00	38.38 -0.99 0.00	39.83 -1.05 0.00	41.34 -0.84 0.00	47.08 -0.73 0.00	106.65 -3.12 0.00	624.74 -19.30 -4.74	91.50 -3.50 0.00	82.75 -3.16 0.00	47.13 -1.75 0.00	38.07 -1.46 0.00	30.09 -0.71 0.00

HUNTLEY___67 23561	29.44 -1.05 0.00	29.29 -1.03 0.00	22.83 -0.72 0.00	26.27 -0.85 0.00	25.10 -0.81 0.00	25.24 -0.98 0.00	28.13 -1.38 0.00	23.75 -1.59 0.00	20.90 -1.00 0.00	20.78 -1.03 0.00	22.22 -0.93 0.00	25.39 -0.91 0.00	32.96 -1.01 0.00	38.11 -1.26 0.00	39.55 -1.34 0.00	41.00 -1.18 0.00	46.66 -1.15 0.00	105.90 -3.87 0.00	616.70 -22.61 0.00	90.87 -4.12 0.00	82.21 -3.70 0.00	46.83 -2.06 0.00	37.86 -1.67 0.00	29.93 -0.88 0.00
HUNTLEY___68 23562	29.44 -1.05 0.00	29.29 -1.03 0.00	22.83 -0.72 0.00	26.27 -0.85 0.00	25.10 -0.81 0.00	25.24 -0.98 0.00	28.13 -1.38 0.00	23.75 -1.59 0.00	20.90 -1.00 0.00	20.78 -1.03 0.00	22.22 -0.93 0.00	25.39 -0.91 0.00	32.96 -1.01 0.00	38.11 -1.26 0.00	39.55 -1.34 0.00	41.00 -1.18 0.00	46.66 -1.15 0.00	105.90 -3.87 0.00	616.70 -22.61 0.00	90.87 -4.12 0.00	82.21 -3.70 0.00	46.83 -2.06 0.00	37.86 -1.67 0.00	29.93 -0.88 0.00
HYLAND___LFGE 323620	31.48 0.98 0.00	31.12 0.80 0.00	24.09 0.53 0.00	27.72 0.60 0.00	26.36 0.45 0.00	26.51 0.29 0.00	29.70 0.20 0.00	25.14 -0.20 0.00	21.84 -0.07 0.00	21.78 -0.02 0.00	23.33 0.19 0.00	26.75 0.45 0.00	34.60 0.62 0.00	40.02 0.65 0.00	40.86 -0.03 0.00	42.06 -0.12 0.00	47.79 -0.02 0.00	109.72 -0.04 0.00	636.68 -2.62 0.00	94.80 -0.20 0.00	87.46 1.56 0.00	50.07 1.18 0.00	41.15 1.62 0.00	32.29 1.48 0.00
INDECK___CORINTH 23802	32.59 2.09 0.00	32.22 1.90 0.00	24.83 1.27 0.00	28.56 1.44 0.00	27.36 1.45 0.00	27.69 1.47 0.00	31.04 1.53 0.00	26.64 1.29 0.00	22.87 0.97 0.00	22.76 0.96 0.00	24.01 0.86 0.00	27.48 1.18 0.00	35.53 1.55 0.00	41.21 1.84 0.00	42.91 2.03 0.00	44.25 2.08 0.00	50.48 2.67 0.00	116.71 6.95 0.00	686.80 47.50 0.00	102.25 7.25 0.00	134.56 6.57 -42.09	291.53 3.58 -239.07	42.21 2.68 0.00	32.65 1.84 0.00
INDECK___ILION 23567	31.24 0.75 0.00	30.99 0.67 0.00	24.11 0.55 0.00	27.68 0.56 0.00	26.47 0.56 0.00	26.79 0.56 0.00	30.00 0.49 0.00	25.60 0.25 0.00	22.07 0.17 0.00	21.96 0.16 0.00	23.30 0.16 0.00	26.61 0.31 0.00	34.43 0.46 0.00	39.98 0.62 0.00	41.53 0.65 0.00	42.87 0.70 0.00	48.57 0.76 0.00	111.80 2.04 0.00	653.47 14.17 0.00	97.22 2.22 0.00	88.17 2.26 0.00	50.16 1.27 0.00	40.54 1.02 0.00	31.49 0.69 0.00
INDECK___OLEAN 23982	30.28 -0.22 0.00	30.06 -0.26 0.00	23.40 -0.15 0.00	26.81 -0.31 0.00	25.61 -0.30 0.00	25.76 -0.46 0.00	28.78 -0.72 0.00	24.49 -0.86 0.00	21.63 -0.27 0.00	21.64 -0.16 0.00	23.06 -0.08 0.00	26.49 0.19 0.00	34.30 0.32 0.00	39.37 0.01 0.00	40.57 -0.31 0.00	41.82 -0.36 0.00	47.42 -0.39 0.00	108.16 -1.60 0.00	627.31 -12.50 -0.52	92.03 -2.96 0.00	83.61 -2.30 0.00	47.66 -1.22 0.00	38.96 -0.57 0.00	30.81 0.00 0.00
INDECK___OSWEGO 23783	29.86 -0.64 0.00	29.59 -0.73 0.00	23.00 -0.56 0.00	26.48 -0.65 0.00	25.29 -0.62 0.00	25.57 -0.65 0.00	28.68 -0.82 0.00	24.59 -0.76 0.00	21.37 -0.54 0.00	21.26 -0.54 0.00	22.59 -0.56 0.00	26.95 -0.54 -1.19	38.24 -0.63 -4.89	43.89 -0.79 -5.32	46.17 -1.00 -6.29	41.08 -1.10 0.00	55.90 -1.20 -9.28	128.99 -2.68 -21.91	661.13 -14.99 -36.82	116.34 -2.25 -23.59	102.31 -1.94 -18.34	59.31 -1.06 -11.49	46.15 -0.70 -7.32	33.29 -0.50 -2.98
INDECK___YERKES 23781	29.65 -0.84 0.00	29.49 -0.83 0.00	22.98 -0.58 0.00	26.43 -0.69 0.00	25.26 -0.65 0.00	25.39 -0.84 0.00	28.28 -1.23 0.00	23.86 -1.49 0.00	21.01 -0.90 0.00	20.88 -0.92 0.00	22.35 -0.80 0.00	25.55 -0.75 0.00	33.19 -0.78 0.00	38.43 -0.94 0.00	39.86 -1.03 0.00	41.37 -0.80 0.00	47.11 -0.70 0.00	106.75 -3.01 0.00	625.24 -18.80 -4.74	91.57 -3.42 0.00	82.83 -3.08 0.00	47.19 -1.70 0.00	38.10 -1.42 0.00	30.13 -0.67 0.00
INDIAN POINT_GT_1 24139	32.99 2.50 0.00	32.76 2.44 0.00	25.40 1.84 0.00	29.00 1.88 0.00	27.68 1.77 0.00	27.89 1.67 0.00	31.23 1.72 0.00	26.81 1.46 0.00	23.39 1.48 0.00	23.48 1.67 0.00	24.93 1.79 0.00	28.52 2.23 0.00	36.91 2.93 0.00	42.93 3.56 0.00	44.43 3.54 0.00	45.82 3.65 0.00	51.81 4.00 0.00	118.95 9.19 0.00	687.32 48.02 0.00	101.67 6.67 0.00	95.42 5.84 -3.67	73.20 3.45 -20.86	42.46 2.93 0.00	33.12 2.31 0.00
INDIAN POINT_GT_2 23659	32.99 2.50 0.00	32.76 2.44 0.00	25.40 1.84 0.00	29.00 1.88 0.00	27.68 1.77 0.00	27.89 1.67 0.00	31.23 1.72 0.00	26.81 1.46 0.00	23.39 1.48 0.00	23.48 1.67 0.00	24.93 1.79 0.00	28.52 2.23 0.00	36.91 2.93 0.00	42.93 3.56 0.00	44.43 3.54 0.00	45.82 3.65 0.00	51.81 4.00 0.00	118.95 9.19 0.00	687.32 48.02 0.00	101.67 6.67 0.00	95.42 5.84 -3.67	73.20 3.45 -20.86	42.46 2.93 0.00	33.12 2.31 0.00
INDIAN POINT_GT_3 24019	32.99 2.50 0.00	32.76 2.44 0.00	25.40 1.84 0.00	29.00 1.88 0.00	27.68 1.77 0.00	27.89 1.67 0.00	31.23 1.72 0.00	26.81 1.46 0.00	23.39 1.48 0.00	23.48 1.67 0.00	24.93 1.79 0.00	28.52 2.23 0.00	36.91 2.93 0.00	42.93 3.56 0.00	44.43 3.54 0.00	45.82 3.65 0.00	51.81 4.00 0.00	118.95 9.19 0.00	687.32 48.02 0.00	101.67 6.67 0.00	95.42 5.84 -3.67	73.20 3.45 -20.86	42.46 2.93 0.00	33.12 2.31 0.00
INDIAN POINT___2 23530	32.95 2.45 0.00	32.73 2.41 0.00	25.38 1.82 0.00	28.97 1.85 0.00	27.64 1.73 0.00	27.86 1.64 0.00	31.18 1.68 0.00	26.77 1.43 0.00	23.35 1.45 0.00	23.45 1.64 0.00	24.91 1.77 0.00	28.49 2.20 0.00	36.86 2.88 0.00	42.89 3.52 0.00	44.37 3.48 0.00	45.75 3.58 0.00	51.73 3.92 0.00	118.73 8.97 0.00	686.11 46.81 0.00	101.46 6.46 0.00	95.17 5.66 -3.60	72.70 3.36 -20.45	42.38 2.85 0.00	33.06 2.25 0.00
INDIAN POINT___3 23531	32.93 2.43 0.00	32.71 2.39 0.00	25.37 1.81 0.00	28.97 1.84 0.00	27.64 1.73 0.00	27.86 1.64 0.00	31.18 1.68 0.00	26.78 1.43 0.00	23.35 1.45 0.00	23.43 1.63 0.00	24.89 1.74 0.00	28.47 2.17 0.00	36.82 2.85 0.00	42.84 3.47 0.00	44.33 3.45 0.00	45.71 3.53 0.00	51.69 3.88 0.00	118.62 8.86 0.00	685.71 46.41 0.00	101.43 6.43 0.00	95.24 5.65 -3.68	73.11 3.34 -20.88	42.38 2.85 0.00	33.05 2.25 0.00
INGHAM_C_115KV_TB7 356103	31.79 1.30 0.00	31.50 1.19 0.00	24.52 0.96 0.00	28.12 0.99 0.00	26.90 0.99 0.00	27.19 0.96 0.00	30.32 0.81 0.00	25.68 0.33 0.00	22.03 0.13 0.00	21.88 0.08 0.00	23.19 0.05 0.00	26.62 0.32 0.00	34.45 0.47 0.00	40.10 0.73 0.00	41.67 0.79 0.00	43.08 0.90 0.00	48.71 0.90 0.00	112.59 2.83 0.00	661.20 21.90 0.00	98.59 3.59 0.00	89.74 3.83 0.00	51.03 2.14 0.00	41.27 1.74 0.00	31.94 1.14 0.00
IP CORINTH___1 23988	32.77 2.28 0.00	32.39 2.07 0.00	24.97 1.41 0.00	28.72 1.60 0.00	27.52 1.61 0.00	27.84 1.61 0.00	31.19 1.69 0.00	26.78 1.43 0.00	23.00 1.09 0.00	22.89 1.09 0.00	24.14 1.00 0.00	27.63 1.34 0.00	35.71 1.74 0.00	41.43 2.06 0.00	43.15 2.26 0.00	44.48 2.31 0.00	50.75 2.94 0.00	117.33 7.57 0.00	690.49 51.19 0.00	102.79 7.79 0.00	135.06 7.06 -42.09	291.83 3.87 -239.07	42.45 2.91 0.00	32.83 2.03 0.00

IP___TICONDEROGA 23804	34.91 4.41 0.00	34.35 4.03 0.00	25.95 2.39 0.00	29.91 2.79 0.00	28.95 3.04 0.00	29.28 3.06 0.00	32.74 3.23 0.00	28.17 2.82 0.00	23.91 2.00 0.00	23.71 1.91 0.00	25.18 2.04 0.00	28.91 2.61 0.00	37.24 3.26 0.00	43.69 4.32 0.00	45.59 4.71 0.00	46.86 4.69 0.00	54.07 6.26 0.00	125.47 15.71 0.00	734.86 95.56 0.00	109.65 14.65 0.00	140.43 12.79 -41.73	292.99 7.07 -237.04	44.84 5.31 0.00	34.54 3.73 0.00
ISLIP_RES_REC 323679	33.91 3.41 0.00	33.48 3.17 0.00	26.01 2.45 0.00	29.76 2.64 0.00	28.49 2.58 0.00	28.69 2.47 0.00	32.19 2.68 0.00	27.66 2.31 0.00	25.64 2.34 -1.40	24.29 2.49 0.00	67.12 2.80 -41.17	54.18 3.37 -24.52	40.40 4.33 -2.09	68.11 5.32 -23.43	66.76 5.12 -20.75	279.81 5.49 -232.14	286.41 5.89 -232.71	282.03 13.47 -158.80	765.14 70.22 -55.61	229.20 10.81 -123.39	172.10 9.40 -76.78	110.83 5.17 -56.78	74.38 4.46 -30.39	52.62 3.53 -18.28
JAMAICA__27_KV_LOAD 355505	33.68 3.19 0.00	33.43 3.11 0.00	25.93 2.38 0.00	29.54 2.42 0.00	28.17 2.26 0.00	28.37 2.15 0.00	31.71 2.21 0.00	27.29 1.95 0.00	23.89 1.99 0.00	24.03 2.23 0.00	25.48 2.33 0.00	29.15 2.85 0.00	37.78 3.80 0.00	43.94 4.57 0.00	45.44 4.56 0.00	46.89 4.72 0.00	52.87 5.06 0.00	121.38 11.62 0.00	701.01 61.71 0.00	103.41 8.41 0.00	97.17 7.53 -3.72	74.54 4.51 -21.15	43.33 3.80 0.00	33.81 3.00 0.00
JANIS___SOLAR 323808	32.01 1.51 0.00	31.63 1.32 0.00	24.55 0.99 0.00	28.12 0.99 0.00	26.88 0.97 0.00	27.21 0.99 0.00	30.49 0.98 0.00	26.07 0.73 0.00	22.53 0.62 0.00	22.32 0.51 0.00	23.72 0.57 0.00	27.37 0.84 -0.23	36.14 1.24 -0.93	41.79 1.41 -1.01	43.59 1.51 -1.20	43.88 1.70 0.00	51.83 2.25 -1.77	119.71 5.78 -4.18	684.86 38.55 -7.02	105.47 5.98 -4.50	97.26 5.99 -5.36	64.97 3.30 -12.79	43.38 2.46 -1.40	33.14 1.77 -0.57
JARVIS____ 23743	30.77 0.28 0.00	30.57 0.25 0.00	23.77 0.21 0.00	27.34 0.22 0.00	26.13 0.22 0.00	26.46 0.23 0.00	29.72 0.21 0.00	25.48 0.14 0.00	22.03 0.13 0.00	21.94 0.14 0.00	23.29 0.14 0.00	26.51 0.21 0.00	34.28 0.31 0.00	39.76 0.39 0.00	41.27 0.39 0.00	42.58 0.40 0.00	48.24 0.43 0.00	110.74 0.97 0.00	645.04 5.74 0.00	95.85 0.85 0.00	86.68 0.77 0.00	49.33 0.44 0.00	39.93 0.39 0.00	31.09 0.29 0.00
JENNISON___1 23625	32.12 1.62 0.00	31.79 1.47 0.00	24.76 1.20 0.00	28.24 1.12 0.00	27.08 1.17 0.00	27.52 1.30 0.00	30.83 1.32 0.00	26.39 1.04 0.00	22.93 1.03 0.00	22.84 1.04 0.00	24.30 1.15 0.00	27.99 1.53 -0.16	36.76 2.12 -0.66	42.54 2.46 -0.71	44.34 2.61 -0.84	45.00 2.82 0.00	52.29 3.23 -1.24	120.32 7.62 -2.94	691.12 46.89 -4.93	104.71 6.55 -3.16	97.58 6.18 -5.50	71.12 3.41 -18.82	43.13 2.62 -0.98	33.11 1.91 -0.40
JENNISON___2 23626	32.12 1.62 0.00	31.79 1.47 0.00	24.76 1.20 0.00	28.24 1.12 0.00	27.08 1.17 0.00	27.52 1.30 0.00	30.83 1.32 0.00	26.39 1.04 0.00	22.93 1.03 0.00	22.84 1.04 0.00	24.30 1.15 0.00	27.99 1.53 -0.16	36.76 2.12 -0.66	42.54 2.46 -0.71	44.34 2.61 -0.84	45.00 2.82 0.00	52.29 3.23 -1.24	120.32 7.62 -2.94	691.12 46.89 -4.93	104.71 6.55 -3.16	97.58 6.18 -5.50	71.12 3.41 -18.82	43.13 2.62 -0.98	33.11 1.91 -0.40
JERICHO_RISE_WT_PWR 323719	29.89 -0.61 0.00	29.58 -0.74 0.00	22.81 -0.75 0.00	26.37 -0.75 0.00	25.16 -0.75 0.00	25.57 -0.66 0.00	29.01 -0.50 0.00	25.22 -0.12 0.00	21.76 -0.14 0.00	21.53 -0.27 0.00	22.85 -0.29 0.00	25.80 -0.50 0.00	33.21 -0.77 0.00	38.47 -0.89 0.00	39.97 -0.92 0.00	41.23 -0.95 0.00	46.76 -1.05 0.00	107.25 -2.51 0.00	625.79 -13.51 0.00	93.80 -1.19 0.00	84.97 -0.94 0.00	48.30 -0.59 0.00	38.83 -0.70 0.00	30.15 -0.66 0.00
KATONAH___115KV_46KV_TB4 355592	33.22 2.72 0.00	32.94 2.62 0.00	25.53 1.97 0.00	29.17 2.05 0.00	27.84 1.93 0.00	28.06 1.84 0.00	31.41 1.90 0.00	26.98 1.63 0.00	23.54 1.64 0.00	23.63 1.83 0.00	25.12 1.98 0.00	28.77 2.47 0.00	37.24 3.26 0.00	43.31 3.95 0.00	44.90 4.01 0.00	46.33 4.15 0.00	52.43 4.62 0.00	120.40 10.64 0.00	696.42 57.11 0.00	102.95 7.95 0.00	96.66 6.94 -3.81	74.51 3.97 -21.66	42.85 3.32 0.00	33.39 2.59 0.00
KCE_NY_1 323755	32.61 2.12 0.00	32.33 2.02 0.00	25.04 1.48 0.00	28.83 1.70 0.00	27.54 1.63 0.00	27.85 1.63 0.00	31.21 1.70 0.00	26.72 1.38 0.00	23.04 1.14 0.00	22.91 1.11 0.00	24.25 1.11 0.00	27.73 1.43 0.00	35.84 1.87 0.00	41.64 2.27 0.00	43.32 2.43 0.00	44.71 2.53 0.00	50.80 2.99 0.00	117.15 7.39 0.00	685.62 46.32 0.00	102.05 7.05 0.00	133.48 6.34 -41.22	286.57 3.51 -234.17	42.24 2.71 0.00	32.78 1.98 0.00
KCE_NY_6_ESR 323823	29.87 -0.62 0.00	29.69 -0.63 0.00	23.14 -0.42 0.00	26.59 -0.54 0.00	25.42 -0.49 0.00	25.56 -0.66 0.00	28.50 -1.01 0.00	24.10 -1.24 0.00	21.24 -0.67 0.00	21.13 -0.67 0.00	22.61 -0.54 0.00	25.89 -0.42 0.00	33.63 -0.35 0.00	38.85 -0.52 0.00	40.32 -0.56 0.00	41.79 -0.38 0.00	47.56 -0.25 0.00	108.19 -1.57 0.00	630.58 -9.61 -0.90	92.69 -2.31 0.00	83.91 -2.00 0.00	47.74 -1.14 0.00	38.57 -0.96 0.00	30.46 -0.35 0.00
KEDC_PORT_JEFF_GT2 24210	33.63 3.13 0.00	33.22 2.90 0.00	25.81 2.25 0.00	29.54 2.42 0.00	28.28 2.37 0.00	28.48 2.26 0.00	31.95 2.45 0.00	27.45 2.10 0.00	25.44 2.14 -1.40	24.07 2.27 0.00	72.80 2.56 -47.10	57.01 3.04 -27.66	39.88 3.81 -2.09	72.53 4.59 -28.58	71.07 4.44 -25.74	329.20 4.75 -282.27	342.38 5.05 -289.51	320.78 11.40 -199.62	767.88 57.78 -70.80	254.90 8.94 -150.96	188.06 7.70 -94.45	110.96 4.18 -57.90	76.65 3.91 -33.21	52.22 3.14 -18.28
KEDC_PORT_JEFF_GT3 24211	33.63 3.13 0.00	33.22 2.90 0.00	25.81 2.25 0.00	29.54 2.42 0.00	28.28 2.37 0.00	28.48 2.26 0.00	31.95 2.45 0.00	27.45 2.10 0.00	25.44 2.14 -1.40	24.07 2.27 0.00	72.80 2.56 -47.10	57.01 3.04 -27.66	39.88 3.81 -2.09	72.53 4.59 -28.58	71.07 4.44 -25.74	329.20 4.75 -282.27	342.38 5.05 -289.51	320.78 11.40 -199.62	767.88 57.78 -70.80	254.90 8.94 -150.96	188.06 7.70 -94.45	110.96 4.18 -57.90	76.65 3.91 -33.21	52.22 3.14 -18.28
KEDC_GLWD_GT4 24219	33.76 3.26 0.00	33.39 3.07 0.00	25.90 2.34 0.00	29.60 2.47 0.00	28.28 2.38 0.00	28.47 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.35 2.05 -1.40	24.02 2.21 0.00	40.43 2.49 -14.79	39.88 3.07 -10.51	40.06 3.99 -2.09	44.35 4.48 -0.50	45.35 4.39 -0.08	61.10 4.70 -14.21	62.18 5.12 -9.24	121.30 11.53 0.00	700.50 61.20 0.00	126.23 8.90 -22.33	99.95 7.68 -6.36	105.05 4.37 -51.79	61.47 4.13 -17.81	52.39 3.26 -18.33
KEDC_GLWD_GT5 24220	33.76 3.26 0.00	33.39 3.07 0.00	25.90 2.34 0.00	29.60 2.47 0.00	28.28 2.38 0.00	28.47 2.25 0.00	31.91 2.40 0.00	27.40 2.05 0.00	25.35 2.05 -1.40	24.02 2.21 0.00	40.43 2.49 -14.79	39.88 3.07 -10.51	40.06 3.99 -2.09	44.35 4.48 -0.50	45.35 4.39 -0.08	61.10 4.70 -14.21	62.18 5.12 -9.24	121.30 11.53 0.00	700.50 61.20 0.00	126.23 8.90 -22.33	99.95 7.68 -6.36	105.05 4.37 -51.79	61.47 4.13 -17.81	52.39 3.26 -18.33

KENSICO____ 23655	33.09 2.60 0.00	32.85 2.53 0.00	25.48 1.92 0.00	29.10 1.97 0.00	27.77 1.86 0.00	27.99 1.76 0.00	31.32 1.82 0.00	26.90 1.55 0.00	23.47 1.56 0.00	23.56 1.76 0.00	25.02 1.88 0.00	28.63 2.34 0.00	37.04 3.06 0.00	43.06 3.69 0.00	44.57 3.68 0.00	45.97 3.79 0.00	51.98 4.17 0.00	119.34 9.57 0.00	689.60 50.30 0.00	102.02 7.02 0.00	95.79 6.17 -3.72	73.60 3.61 -21.10	42.61 3.08 0.00	33.24 2.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.14 2.65 0.00	32.84 2.52 0.00	25.41 1.85 0.00	28.99 1.87 0.00	27.63 1.72 0.00	27.87 1.64 0.00	31.21 1.70 0.00	26.79 1.45 0.00	23.37 1.47 0.00	23.49 1.68 0.00	24.95 1.81 0.00	28.56 2.26 0.00	36.98 3.00 0.00	42.76 3.40 0.00	44.43 3.55 0.00	45.93 3.75 0.00	51.91 4.11 0.00	119.50 9.74 0.00	692.72 53.42 0.00	102.54 7.54 0.00	97.28 6.58 -4.78	80.15 4.09 -27.17	42.86 3.33 0.00	33.30 2.50 0.00
KIAC_JFK_GT1 23816	33.35 2.85 0.00	33.20 2.88 0.00	25.76 2.20 0.00	29.35 2.23 0.00	28.00 2.09 0.00	28.19 1.97 0.00	31.51 2.01 0.00	27.12 1.78 0.00	23.74 1.83 0.00	23.85 2.05 0.00	25.23 2.09 0.00	28.87 2.57 0.00	37.41 3.43 0.00	43.51 4.15 0.00	44.99 4.11 0.00	46.40 4.22 0.00	52.29 4.49 0.00	120.06 10.30 0.00	692.85 53.55 0.00	102.26 7.26 0.00	96.10 6.46 -3.72	73.96 3.92 -21.15	42.89 3.36 0.00	33.45 2.64 0.00
KIAC_JFK_GT2 23817	33.35 2.85 0.00	33.20 2.88 0.00	25.76 2.20 0.00	29.35 2.23 0.00	28.00 2.09 0.00	28.19 1.97 0.00	31.51 2.01 0.00	27.12 1.78 0.00	23.74 1.83 0.00	23.85 2.05 0.00	25.23 2.09 0.00	28.87 2.57 0.00	37.41 3.43 0.00	43.51 4.15 0.00	44.99 4.11 0.00	46.40 4.22 0.00	52.29 4.49 0.00	120.06 10.30 0.00	692.85 53.55 0.00	102.26 7.26 0.00	96.10 6.46 -3.72	73.96 3.92 -21.15	42.89 3.36 0.00	33.45 2.64 0.00
KIAC_JFK____ 323774	33.35 2.85 0.00	33.20 2.88 0.00	25.76 2.21 0.00	29.35 2.23 0.00	28.00 2.09 0.00	28.19 1.96 0.00	31.51 2.01 0.00	27.12 1.78 0.00	23.74 1.83 0.00	23.85 2.05 0.00	25.25 2.10 0.00	28.87 2.57 0.00	37.41 3.43 0.00	43.51 4.15 0.00	45.00 4.11 0.00	46.40 4.22 0.00	52.29 4.48 0.00	120.05 10.29 0.00	693.00 53.70 0.00	102.26 7.26 0.00	96.10 6.46 -3.72	73.96 3.92 -21.15	42.88 3.35 0.00	33.45 2.64 0.00
KINTIGH____ 23543	29.47 -1.02 0.00	29.31 -1.00 0.00	22.84 -0.72 0.00	26.29 -0.84 0.00	25.10 -0.81 0.00	25.27 -0.96 0.00	28.19 -1.32 0.00	23.85 -1.50 0.00	20.93 -0.97 0.00	20.82 -0.99 0.00	22.24 -0.91 0.00	25.39 -0.90 0.00	32.93 -1.05 0.00	38.13 -1.24 0.00	39.55 -1.34 0.00	40.98 -1.20 0.00	46.62 -1.19 0.00	105.98 -3.79 0.00	617.17 -21.81 0.31	91.11 -3.88 0.00	82.32 -3.59 0.00	46.91 -1.98 0.00	37.93 -1.60 0.00	29.91 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.55 0.05 0.00	30.21 -0.11 0.00	23.18 -0.37 0.00	26.78 -0.34 0.00	25.58 -0.33 0.00	25.97 -0.25 0.00	29.48 -0.03 0.00	25.65 0.30 0.00	22.15 0.25 0.00	21.91 0.11 0.00	23.32 0.17 0.00	26.37 0.07 0.00	33.90 -0.08 0.00	39.34 -0.03 0.00	40.87 -0.01 0.00	42.16 -0.01 0.00	47.88 0.07 0.00	109.87 0.11 0.00	642.42 3.12 0.00	96.20 1.20 0.00	87.15 1.24 0.00	49.58 0.69 0.00	39.78 0.25 0.00	30.76 -0.04 0.00
LACHUTE__HYDRO 323717	34.91 4.41 0.00	34.35 4.03 0.00	25.95 2.39 0.00	29.91 2.79 0.00	28.95 3.04 0.00	29.28 3.06 0.00	32.74 3.24 0.00	28.17 2.82 0.00	23.91 2.00 0.00	23.71 1.91 0.00	25.18 2.04 0.00	28.91 2.61 0.00	37.24 3.26 0.00	43.68 4.32 0.00	45.59 4.71 0.00	46.86 4.69 0.00	54.07 6.26 0.00	125.48 15.71 0.00	734.87 95.56 0.00	109.65 14.65 0.00	140.43 12.79 -41.73	292.99 7.07 -237.04	44.84 5.31 0.00	34.53 3.73 0.00
LAWRNCV_115KV_TB1 80681	28.94 -1.55 0.00	28.74 -1.58 0.00	22.27 -1.29 0.00	25.72 -1.41 0.00	24.63 -1.28 0.00	25.07 -1.15 0.00	28.45 -1.06 0.00	24.61 -0.73 0.00	21.18 -0.73 0.00	20.99 -0.81 0.00	22.30 -0.85 0.00	25.10 -1.19 0.00	32.38 -1.60 0.00	37.40 -1.97 0.00	38.85 -2.03 0.00	40.03 -2.15 0.00	45.50 -2.31 0.00	104.84 -4.92 0.00	613.11 -26.19 0.00	91.96 -3.04 0.00	83.32 -2.59 0.00	47.26 -1.63 0.00	38.13 -1.40 0.00	29.66 -1.15 0.00
LEDERLE____ 23769	33.13 2.63 0.00	32.93 2.61 0.00	25.53 1.97 0.00	29.13 2.01 0.00	27.78 1.87 0.00	27.99 1.77 0.00	31.32 1.82 0.00	26.90 1.55 0.00	23.47 1.57 0.00	23.58 1.78 0.00	25.05 1.91 0.00	28.67 2.37 0.00	37.11 3.13 0.00	43.22 3.85 0.00	44.73 3.84 0.00	46.13 3.95 0.00	52.16 4.35 0.00	119.69 9.93 0.00	691.30 52.00 0.00	102.15 7.15 0.00	95.75 6.31 -3.53	72.68 3.73 -20.05	42.63 3.11 0.00	33.24 2.43 0.00
LIGHTHSE_115KV_TB6 355974	29.96 -0.53 0.00	29.57 -0.75 0.00	22.96 -0.60 0.00	26.43 -0.69 0.00	25.33 -0.58 0.00	25.72 -0.50 0.00	28.94 -0.57 0.00	24.83 -0.51 0.00	21.59 -0.32 0.00	21.45 -0.36 0.00	22.79 -0.36 0.00	26.61 -0.33 -0.64	36.23 -0.38 -2.63	41.71 -0.52 -2.86	43.65 -0.62 -3.38	41.49 -0.69 0.00	52.26 -0.54 -4.99	120.53 -1.02 -11.78	656.48 -2.63 -19.81	107.73 0.04 -12.69	96.19 0.42 -9.86	55.34 0.28 -6.18	43.63 0.17 -3.94	32.48 0.07 -1.60
LINDEN COGEN____ 23786	33.22 2.72 0.00	32.98 2.66 0.00	25.59 2.03 0.00	29.18 2.06 0.00	27.85 1.94 0.00	28.05 1.83 0.00	31.39 1.89 0.00	26.97 1.62 0.00	23.55 1.65 0.00	23.68 1.88 0.00	25.18 2.03 0.00	28.84 2.54 0.00	37.27 3.29 0.00	43.28 3.91 0.00	40.48 3.85 4.25	40.86 3.89 5.20	41.88 4.22 10.15	109.76 9.63 9.63	663.56 49.64 25.38	101.16 6.92 0.76	91.41 6.00 0.51	66.13 3.52 -13.73	38.85 3.12 3.80	33.32 2.52 0.00
LINDHRST_69_KV_BK1 356055	33.90 3.41 0.00	33.51 3.19 0.00	26.01 2.45 0.00	29.73 2.61 0.00	28.44 2.53 0.00	28.63 2.40 0.00	32.08 2.58 0.00	27.56 2.22 0.00	25.52 2.22 -1.39	24.16 2.35 0.00	42.94 2.57 -17.22	41.24 3.14 -11.80	40.16 4.10 -2.09	46.99 5.01 -2.61	47.53 4.76 -1.88	81.21 5.10 -33.93	81.29 5.58 -27.90	135.44 12.55 -13.13	710.46 66.81 -4.34	135.19 9.97 -30.22	106.85 8.63 -12.31	106.00 4.87 -52.25	62.71 4.21 -18.97	52.53 3.44 -18.29
LIPA_MISC_IPP 23656	33.58 3.09 0.00	33.17 2.85 0.00	25.77 2.21 0.00	29.51 2.38 0.00	28.27 2.36 0.00	28.49 2.26 0.00	31.98 2.48 0.00	27.48 2.13 0.00	25.47 2.17 -1.39	24.10 2.30 0.00	67.79 2.60 -42.04	54.41 3.13 -24.98	40.05 3.98 -2.09	68.47 4.92 -24.19	66.11 4.70 -20.52	283.44 5.08 -236.19	276.17 5.53 -222.83	272.96 12.58 -150.62	755.33 65.60 -50.43	219.02 9.99 -114.03	168.77 8.57 -74.29	110.63 4.80 -56.94	74.48 4.15 -30.80	52.36 3.28 -18.27
LISF__SOLAR 323691	33.67 3.18 0.00	33.26 2.94 0.00	25.84 2.28 0.00	29.58 2.45 0.00	28.34 2.43 0.00	28.56 2.33 0.00	32.06 2.55 0.00	27.54 2.20 0.00	25.54 2.24 -1.40	24.17 2.36 0.00	68.26 2.68 -42.44	54.69 3.21 -25.19	40.14 4.07 -2.09	68.94 5.04 -24.53	66.76 4.83 -21.04	287.54 5.20 -240.17	283.68 5.71 -230.16	278.88 13.02 -156.09	760.45 68.26 -52.88	223.85 10.38 -118.48	171.28 8.92 -76.45	110.92 5.02 -57.02	74.81 4.30 -30.99	52.48 3.39 -18.28

LITTLE FALLS___HYD 24013	31.79 1.30 0.00	31.50 1.19 0.00	24.52 0.96 0.00	28.12 0.99 0.00	26.90 0.99 0.00	27.19 0.96 0.00	30.32 0.81 0.00	25.68 0.33 0.00	22.03 0.13 0.00	21.88 0.08 0.00	23.19 0.05 0.00	26.62 0.32 0.00	34.45 0.47 0.00	40.10 0.73 0.00	41.67 0.79 0.00	43.08 0.90 0.00	48.71 0.90 0.00	112.59 2.83 0.00	661.20 21.90 0.00	98.59 3.59 0.00	89.74 3.83 0.00	51.03 2.14 0.00	41.27 1.74 0.00	31.94 1.14 0.00
LITTLRIV_115KV_TB1 356100	29.28 -1.21 0.00	29.05 -1.27 0.00	22.51 -1.04 0.00	25.97 -1.15 0.00	24.90 -1.01 0.00	25.38 -0.84 0.00	28.79 -0.72 0.00	24.86 -0.49 0.00	21.35 -0.55 0.00	21.14 -0.66 0.00	22.44 -0.70 0.00	25.30 -1.07 -0.08	32.84 -1.45 -0.32	37.90 -1.81 -0.35	39.40 -1.90 -0.41	40.18 -2.00 0.00	46.31 -2.11 -0.61	107.07 -4.13 -1.43	620.84 -20.87 -2.41	94.63 -1.91 -1.55	85.80 -1.31 -1.20	48.77 -0.87 -0.75	39.16 -0.84 -0.48	30.25 -0.75 -0.20
LI_NEWBRDGE___DRP 323616	33.32 2.82 0.00	32.99 2.67 0.00	25.60 2.05 0.00	29.27 2.15 0.00	27.99 2.08 0.00	28.18 1.96 0.00	31.58 2.07 0.00	27.11 1.76 0.00	25.08 1.78 -1.39	23.73 1.92 0.00	40.07 2.14 -14.79	39.46 2.65 -10.51	39.51 3.44 -2.09	44.00 4.13 -0.50	44.95 3.99 -0.08	60.64 4.25 -14.21	61.62 4.57 -9.24	120.03 10.27 0.00	692.68 53.38 0.00	125.21 7.88 -22.33	99.05 6.77 -6.36	104.53 3.85 -51.79	60.78 3.44 -17.81	51.85 2.78 -18.27
LOCKPORT_115KV_TB60_63_64 80432	29.41 -1.09 0.00	29.25 -1.07 0.00	22.80 -0.76 0.00	26.22 -0.90 0.00	25.06 -0.85 0.00	25.19 -1.03 0.00	28.05 -1.45 0.00	23.63 -1.72 0.00	20.79 -1.12 0.00	20.65 -1.16 0.00	22.08 -1.07 0.00	25.23 -1.07 0.00	32.75 -1.23 0.00	37.95 -1.42 0.00	39.37 -1.51 0.00	40.86 -1.32 0.00	46.52 -1.29 0.00	105.36 -4.40 0.00	614.98 -25.55 -1.23	90.79 -4.20 0.00	82.13 -3.78 0.00	46.87 -2.02 0.00	37.90 -1.63 0.00	29.96 -0.84 0.00
LOCKPORT___CC1 323769	29.39 -1.11 0.00	29.23 -1.08 0.00	22.79 -0.77 0.00	26.21 -0.91 0.00	25.05 -0.86 0.00	25.18 -1.04 0.00	28.05 -1.46 0.00	23.63 -1.72 0.00	20.80 -1.11 0.00	20.65 -1.15 0.00	22.08 -1.07 0.00	25.23 -1.07 0.00	32.75 -1.23 0.00	37.93 -1.44 0.00	39.33 -1.56 0.00	40.82 -1.35 0.00	46.48 -1.33 0.00	105.27 -4.49 0.00	614.44 -25.90 -1.03	90.70 -4.30 0.00	82.03 -3.88 0.00	46.80 -2.08 0.00	37.84 -1.69 0.00	29.94 -0.86 0.00
LOCKPORT___CC2 323770	29.39 -1.11 0.00	29.23 -1.08 0.00	22.79 -0.77 0.00	26.21 -0.91 0.00	25.05 -0.86 0.00	25.18 -1.04 0.00	28.05 -1.46 0.00	23.63 -1.72 0.00	20.80 -1.11 0.00	20.65 -1.15 0.00	22.08 -1.07 0.00	25.23 -1.07 0.00	32.75 -1.23 0.00	37.93 -1.44 0.00	39.33 -1.56 0.00	40.82 -1.35 0.00	46.48 -1.33 0.00	105.27 -4.49 0.00	614.44 -25.90 -1.03	90.70 -4.30 0.00	82.03 -3.88 0.00	46.80 -2.08 0.00	37.84 -1.69 0.00	29.94 -0.86 0.00
LOCKPORT___CC3 323771	29.39 -1.11 0.00	29.23 -1.08 0.00	22.79 -0.77 0.00	26.21 -0.91 0.00	25.05 -0.86 0.00	25.18 -1.04 0.00	28.05 -1.46 0.00	23.63 -1.72 0.00	20.80 -1.11 0.00	20.65 -1.15 0.00	22.08 -1.07 0.00	25.23 -1.07 0.00	32.75 -1.23 0.00	37.93 -1.44 0.00	39.33 -1.56 0.00	40.82 -1.35 0.00	46.48 -1.33 0.00	105.27 -4.49 0.00	614.44 -25.90 -1.03	90.70 -4.30 0.00	82.03 -3.88 0.00	46.80 -2.08 0.00	37.84 -1.69 0.00	29.94 -0.86 0.00
LONG_LAKE_PHOENIX 24014	30.02 -0.47 0.00	29.78 -0.54 0.00	23.16 -0.40 0.00	26.66 -0.46 0.00	25.45 -0.46 0.00	25.69 -0.53 0.00	28.82 -0.69 0.00	24.70 -0.65 0.00	21.46 -0.44 0.00	21.37 -0.44 0.00	22.70 -0.45 0.00	26.81 -0.39 -0.90	37.28 -0.40 -3.70	42.89 -0.50 -4.02	45.16 -0.48 -4.76	41.71 -0.46 0.00	54.38 -0.45 -7.01	125.35 -0.98 -16.56	662.20 -4.94 -27.84	112.00 -0.84 -17.84	99.10 -0.68 -13.87	57.15 -0.41 -8.69	44.69 -0.37 -5.53	32.74 -0.32 -2.25
LOVETT___3 23632	32.88 2.39 0.00	32.71 2.40 0.00	25.37 1.81 0.00	28.96 1.84 0.00	27.61 1.71 0.00	27.83 1.61 0.00	31.14 1.63 0.00	26.74 1.39 0.00	23.33 1.42 0.00	23.42 1.62 0.00	24.86 1.72 0.00	28.43 2.14 0.00	36.76 2.79 0.00	42.83 3.46 0.00	44.30 3.42 0.00	45.68 3.50 0.00	51.63 3.82 0.00	118.45 8.69 0.00	684.12 44.82 0.00	101.12 6.12 0.00	94.85 5.39 -3.55	72.30 3.26 -20.16	42.28 2.75 0.00	32.98 2.17 0.00
LOVETT___4 23642	32.88 2.39 0.00	32.71 2.40 0.00	25.37 1.81 0.00	28.96 1.84 0.00	27.61 1.71 0.00	27.83 1.61 0.00	31.14 1.63 0.00	26.74 1.39 0.00	23.33 1.42 0.00	23.42 1.62 0.00	24.86 1.72 0.00	28.43 2.14 0.00	36.76 2.79 0.00	42.83 3.46 0.00	44.30 3.42 0.00	45.68 3.50 0.00	51.63 3.82 0.00	118.45 8.69 0.00	684.12 44.82 0.00	101.12 6.12 0.00	94.85 5.39 -3.55	72.30 3.26 -20.16	42.28 2.75 0.00	32.98 2.17 0.00
LOVETT___5 23593	32.88 2.39 0.00	32.71 2.40 0.00	25.37 1.81 0.00	28.96 1.84 0.00	27.61 1.71 0.00	27.83 1.61 0.00	31.14 1.63 0.00	26.74 1.39 0.00	23.33 1.42 0.00	23.42 1.62 0.00	24.86 1.72 0.00	28.43 2.14 0.00	36.76 2.79 0.00	42.83 3.46 0.00	44.30 3.42 0.00	45.68 3.50 0.00	51.63 3.82 0.00	118.45 8.69 0.00	684.12 44.82 0.00	101.12 6.12 0.00	94.85 5.39 -3.55	72.30 3.26 -20.16	42.28 2.75 0.00	32.98 2.17 0.00
LOWER RAQUET___HYD 24057	28.84 -1.66 0.00	28.60 -1.71 0.00	22.16 -1.39 0.00	25.59 -1.54 0.00	24.53 -1.38 0.00	24.99 -1.24 0.00	28.35 -1.15 0.00	24.53 -0.82 0.00	21.11 -0.79 0.00	20.91 -0.89 0.00	22.22 -0.93 0.00	25.10 -1.29 -0.08	32.63 -1.69 -0.34	37.66 -2.08 -0.37	39.18 -2.15 -0.44	39.91 -2.27 0.00	46.03 -2.43 -0.65	106.14 -5.15 -1.53	614.60 -27.27 -2.57	93.54 -3.10 -1.65	84.59 -2.60 -1.28	48.02 -1.67 -0.80	38.63 -1.42 -0.51	29.83 -1.19 -0.21
LOWER___HUDSON 24059	32.13 1.63 0.00	31.91 1.59 0.00	24.80 1.24 0.00	28.51 1.38 0.00	27.27 1.36 0.00	27.55 1.33 0.00	30.85 1.34 0.00	26.42 1.07 0.00	22.77 0.87 0.00	22.63 0.83 0.00	23.92 0.77 0.00	27.29 0.99 0.00	35.28 1.30 0.00	41.00 1.63 0.00	42.60 1.71 0.00	43.92 1.75 0.00	49.77 1.96 0.00	114.65 4.89 0.00	670.37 31.07 0.00	99.75 4.75 0.00	125.16 4.33 -34.92	249.71 2.44 -198.39	41.47 1.94 0.00	32.26 1.45 0.00
LOWVILLE_115KV_TB2 356335	29.88 -0.62 0.00	29.33 -0.99 0.00	22.76 -0.80 0.00	26.22 -0.91 0.00	25.32 -0.59 0.00	26.11 -0.11 0.00	29.58 0.07 0.00	25.43 0.08 0.00	22.06 0.15 0.00	21.85 0.05 0.00	23.22 0.08 0.00	26.61 0.12 -0.19	34.97 0.20 -0.79	40.24 0.01 -0.86	41.87 -0.03 -1.01	41.98 -0.20 0.00	49.42 0.12 -1.49	114.23 0.93 -3.53	658.14 12.91 -5.93	101.92 3.12 -3.80	92.33 3.46 -2.95	52.61 1.87 -1.85	42.01 1.30 -1.18	32.09 0.81 -0.48
LUTHERFT_115KV_GLOB_FND_222 355753	32.60 2.11 0.00	32.32 2.00 0.00	25.04 1.48 0.00	28.81 1.68 0.00	27.54 1.63 0.00	27.84 1.62 0.00	31.19 1.69 0.00	26.71 1.37 0.00	23.02 1.12 0.00	22.90 1.10 0.00	24.23 1.08 0.00	27.69 1.39 0.00	35.79 1.81 0.00	41.59 2.22 0.00	43.26 2.37 0.00	44.63 2.45 0.00	50.70 2.89 0.00	116.93 7.17 0.00	684.65 45.35 0.00	101.90 6.90 0.00	133.38 6.24 -41.22	286.52 3.47 -234.17	42.22 2.69 0.00	32.77 1.96 0.00

LUTHERNY_35_KV_BK2 355980	32.61 2.12 0.00	32.33 2.02 0.00	25.04 1.48 0.00	28.83 1.70 0.00	27.53 1.62 0.00	27.85 1.63 0.00	31.21 1.71 0.00	26.72 1.38 0.00	23.04 1.14 0.00	22.91 1.11 0.00	24.25 1.11 0.00	27.73 1.43 0.00	35.85 1.87 0.00	41.64 2.27 0.00	43.32 2.43 0.00	44.71 2.53 0.00	50.80 2.99 0.00	117.14 7.38 0.00	685.62 46.32 0.00	102.05 7.05 0.00	133.48 6.34 -41.22	286.57 3.52 -234.17	42.24 2.71 0.00	32.78 1.98 0.00
LWR___OSWEGATCHIE_HYD 23850	29.28 -1.22 0.00	28.84 -1.48 0.00	22.36 -1.19 0.00	25.76 -1.36 0.00	24.79 -1.12 0.00	25.44 -0.78 0.00	28.84 -0.67 0.00	24.82 -0.53 0.00	21.45 -0.46 0.00	21.22 -0.58 0.00	22.54 -0.60 0.00	25.69 -0.77 -0.16	33.76 -0.89 -0.68	38.91 -1.19 -0.74	40.57 -1.19 -0.87	40.79 -1.39 0.00	47.85 -1.25 -1.29	110.45 -2.35 -3.03	636.01 -8.39 -5.10	98.27 0.01 -3.27	88.93 0.48 -2.54	50.64 0.16 -1.59	40.53 -0.02 -1.01	31.06 -0.16 -0.41
LYONS_FALL_HYD 23570	30.43 -0.06 0.00	29.98 -0.33 0.00	23.28 -0.28 0.00	26.77 -0.35 0.00	25.76 -0.15 0.00	26.38 0.16 0.00	29.79 0.28 0.00	25.57 0.23 0.00	22.18 0.28 0.00	22.02 0.21 0.00	23.41 0.26 0.00	26.81 0.37 -0.14	35.11 0.55 -0.58	40.49 0.49 -0.63	42.10 0.47 -0.74	42.58 0.41 0.00	49.58 0.68 -1.09	114.45 2.11 -2.58	661.19 17.56 -4.33	101.15 3.38 -2.77	91.55 3.48 -2.16	52.11 1.88 -1.35	41.74 1.35 -0.86	32.04 0.88 -0.35
MADISON___COUNTY_LFGE 323628	31.34 0.84 0.00	30.99 0.67 0.00	24.06 0.50 0.00	27.63 0.50 0.00	26.44 0.53 0.00	26.81 0.59 0.00	30.11 0.60 0.00	25.78 0.44 0.00	22.35 0.45 0.00	22.23 0.43 0.00	23.64 0.49 0.00	27.17 0.72 -0.15	35.65 1.07 -0.60	41.27 1.24 -0.66	42.88 1.22 -0.78	43.50 1.32 0.00	50.56 1.61 -1.15	116.47 4.00 -2.71	669.70 25.85 -4.56	102.07 4.15 -2.92	92.24 4.06 -2.27	52.47 2.16 -1.42	42.08 1.64 -0.90	32.31 1.14 -0.37
MALONE___115KV_TB1 356076	29.98 -0.52 0.00	29.66 -0.66 0.00	22.88 -0.68 0.00	26.42 -0.70 0.00	25.24 -0.66 0.00	25.65 -0.57 0.00	29.12 -0.39 0.00	25.30 -0.05 0.00	21.84 -0.06 0.00	21.64 -0.16 0.00	22.98 -0.17 0.00	25.91 -0.39 0.00	33.42 -0.56 0.00	38.70 -0.67 0.00	40.14 -0.74 0.00	41.45 -0.72 0.00	47.02 -0.79 0.00	107.98 -1.78 0.00	631.15 -8.15 0.00	94.67 -0.33 0.00	85.81 -0.10 0.00	48.72 -0.16 0.00	39.17 -0.36 0.00	30.38 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	32.00 1.50 0.00	31.77 1.45 0.00	24.78 1.23 0.00	28.47 1.34 0.00	27.23 1.32 0.00	27.51 1.29 0.00	30.78 1.27 0.00	26.37 1.03 0.00	22.76 0.85 0.00	22.61 0.81 0.00	23.94 0.79 0.00	27.30 1.00 0.00	35.31 1.33 0.00	41.06 1.69 0.00	42.65 1.77 0.00	44.01 1.83 0.00	49.87 2.06 0.00	114.77 5.01 0.00	669.86 30.56 0.00	99.57 4.57 0.00	117.78 4.10 -27.77	208.92 2.30 -157.74	41.35 1.82 0.00	32.16 1.35 0.00
MAPLE_RIDGE_WT_1 323574	29.95 -0.54 0.00	29.73 -0.59 0.00	23.09 -0.47 0.00	26.63 -0.49 0.00	25.41 -0.50 0.00	25.90 -0.33 0.00	29.29 -0.22 0.00	25.25 -0.10 0.00	21.80 -0.11 0.00	21.68 -0.12 0.00	23.02 -0.12 0.00	26.11 -0.19 0.00	33.69 -0.29 0.00	38.98 -0.39 0.00	40.47 -0.41 0.00	41.69 -0.49 0.00	47.32 -0.49 0.00	108.63 -1.13 0.00	633.98 -5.32 0.00	94.43 -0.57 0.00	85.39 -0.52 0.00	48.58 -0.30 0.00	39.23 -0.30 0.00	30.55 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	29.95 -0.54 0.00	29.73 -0.59 0.00	23.09 -0.47 0.00	26.63 -0.49 0.00	25.41 -0.50 0.00	25.90 -0.33 0.00	29.29 -0.22 0.00	25.25 -0.10 0.00	21.80 -0.11 0.00	21.68 -0.12 0.00	23.02 -0.12 0.00	26.11 -0.19 0.00	33.69 -0.29 0.00	38.98 -0.39 0.00	40.47 -0.41 0.00	41.69 -0.49 0.00	47.32 -0.49 0.00	108.63 -1.13 0.00	633.98 -5.32 0.00	94.43 -0.57 0.00	85.39 -0.52 0.00	48.58 -0.30 0.00	39.23 -0.30 0.00	30.55 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	30.06 -0.43 0.00	29.74 -0.57 0.00	22.88 -0.67 0.00	26.44 -0.69 0.00	25.23 -0.68 0.00	25.63 -0.59 0.00	29.09 -0.42 0.00	25.30 -0.05 0.00	21.84 -0.07 0.00	21.60 -0.20 0.00	22.93 -0.21 0.00	25.92 -0.38 0.00	33.36 -0.61 0.00	38.69 -0.68 0.00	40.18 -0.70 0.00	41.47 -0.71 0.00	47.04 -0.77 0.00	107.86 -1.90 0.00	629.83 -9.47 0.00	94.30 -0.70 0.00	85.43 -0.49 0.00	48.58 -0.31 0.00	39.05 -0.48 0.00	30.28 -0.52 0.00
MARSHVLE_115KV_TB1 80742	32.46 1.96 0.00	32.16 1.84 0.00	24.91 1.36 0.00	28.60 1.47 0.00	27.27 1.36 0.00	27.68 1.45 0.00	30.97 1.46 0.00	26.34 1.00 0.00	22.69 0.78 0.00	22.68 0.87 0.00	24.25 1.10 0.00	27.65 1.35 0.00	35.53 1.55 0.00	41.26 1.89 0.00	42.90 2.02 0.00	44.34 2.16 0.00	50.33 2.52 0.00	115.51 5.74 0.00	676.28 36.98 0.00	101.72 6.72 0.00	129.61 6.54 -37.16	263.62 3.66 -211.08	42.47 2.94 0.00	33.06 2.25 0.00
MARSH_HILL_WT_PWR 323713	30.56 0.06 0.00	30.26 -0.06 0.00	23.44 -0.11 0.00	26.97 -0.16 0.00	25.68 -0.23 0.00	25.89 -0.33 0.00	28.99 -0.52 0.00	24.76 -0.59 0.00	21.89 -0.01 0.00	21.86 0.05 0.00	23.33 0.18 0.00	26.90 0.50 -0.10	35.21 0.81 -0.43	40.75 0.92 -0.46	42.24 0.81 -0.55	43.00 0.83 0.00	49.65 1.04 -0.81	113.83 2.16 -1.90	653.87 11.15 -3.42	97.69 0.64 -2.05	88.59 1.10 -1.59	50.42 0.53 -1.00	40.64 0.48 -0.64	31.63 0.57 -0.26
MCINTYRE_115KV_TB2 80467	29.59 -0.91 0.00	29.38 -0.93 0.00	22.78 -0.79 0.00	26.27 -0.85 0.00	25.18 -0.73 0.00	25.64 -0.58 0.00	29.08 -0.43 0.00	25.08 -0.27 0.00	21.50 -0.40 0.00	21.29 -0.52 0.00	22.59 -0.55 0.00	25.36 -0.94 0.00	32.62 -1.35 0.00	37.68 -1.69 0.00	39.09 -1.79 0.00	40.29 -1.89 0.00	45.82 -1.99 0.00	106.00 -3.76 0.00	620.89 -18.41 0.00	93.56 -1.44 0.00	85.22 -0.69 0.00	48.44 -0.45 0.00	38.97 -0.55 0.00	30.30 -0.51 0.00
MECO_____69_KV_BK1 80468	34.40 3.91 0.00	33.97 3.65 0.00	26.28 2.72 0.00	30.10 2.98 0.00	28.65 2.74 0.00	29.05 2.83 0.00	31.96 2.45 0.00	26.37 1.02 0.00	22.31 0.40 0.00	22.25 0.45 0.00	23.65 0.51 0.00	27.06 0.76 0.00	34.82 0.84 0.00	40.77 1.40 0.00	42.16 1.27 0.00	43.46 1.28 0.00	49.83 2.02 0.00	116.27 6.51 0.00	702.87 63.57 0.00	109.16 14.16 0.00	139.22 13.82 -39.50	280.61 7.36 -224.36	45.13 5.60 0.00	34.88 4.07 0.00
MENANDS___115KV_TB5 355628	31.79 1.29 0.00	31.57 1.25 0.00	24.67 1.11 0.00	28.34 1.21 0.00	27.10 1.19 0.00	27.38 1.16 0.00	30.64 1.13 0.00	26.26 0.91 0.00	22.66 0.76 0.00	22.49 0.69 0.00	23.80 0.66 0.00	27.14 0.84 0.00	35.08 1.11 0.00	40.80 1.43 0.00	42.36 1.47 0.00	43.70 1.52 0.00	49.49 1.68 0.00	113.80 4.04 0.00	663.76 24.46 0.00	98.67 3.68 0.00	115.84 3.29 -26.64	202.05 1.86 -151.31	41.01 1.48 0.00	31.92 1.11 0.00
MG INDUSTRY___DRP 24185	31.71 1.22 0.00	31.49 1.17 0.00	24.60 1.04 0.00	28.31 1.18 0.00	27.07 1.16 0.00	27.36 1.13 0.00	30.61 1.10 0.00	26.12 0.77 0.00	22.47 0.57 0.00	22.28 0.48 0.00	23.58 0.43 0.00	26.85 0.55 0.00	34.74 0.76 0.00	40.47 1.10 0.00	41.93 1.04 0.00	43.34 1.17 0.00	49.07 1.26 0.00	112.75 2.99 0.00	658.94 19.64 0.00	98.16 3.16 0.00	105.22 2.99 -16.33	143.29 1.66 -92.74	40.91 1.38 0.00	31.84 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	29.28 -1.22 0.00	28.84 -1.48 0.00	22.36 -1.19 0.00	25.76 -1.36 0.00	24.79 -1.12 0.00	25.44 -0.78 0.00	28.84 -0.67 0.00	24.82 -0.53 0.00	21.45 -0.46 0.00	21.22 -0.58 0.00	22.54 -0.60 0.00	25.69 -0.77 -0.16	33.76 -0.89 -0.68	38.91 -1.19 -0.74	40.57 -1.19 -0.87	40.79 -1.39 0.00	47.85 -1.25 -1.29	110.45 -2.35 -3.03	636.01 -8.39 -5.10	98.27 0.01 -3.27	88.93 0.48 -2.54	50.64 0.16 -1.59	40.53 -0.02 -1.01	31.06 -0.16 -0.41
MID___RAQUETTE_HYD 23851	28.84 -1.66 0.00	28.61 -1.71 0.00	22.16 -1.39 0.00	25.59 -1.54 0.00	24.53 -1.38 0.00	24.99 -1.24 0.00	28.35 -1.15 0.00	24.53 -0.81 0.00	21.11 -0.79 0.00	20.91 -0.89 0.00	22.21 -0.93 0.00	25.10 -1.29 -0.08	32.63 -1.69 -0.34	37.66 -2.08 -0.37	39.17 -2.15 -0.44	39.91 -2.27 0.00	46.03 -2.43 -0.65	106.14 -5.15 -1.53	614.74 -27.13 -2.57	93.54 -3.10 -1.65	84.59 -2.60 -1.28	48.02 -1.66 -0.80	38.63 -1.41 -0.51	29.83 -1.19 -0.21
MILLIKEN___1 23584	31.29 0.79 0.00	30.95 0.63 0.00	24.02 0.46 0.00	27.63 0.51 0.00	26.33 0.42 0.00	26.61 0.38 0.00	29.81 0.31 0.00	25.54 0.20 0.00	22.20 0.30 0.00	22.07 0.27 0.00	23.47 0.33 0.00	27.16 0.55 -0.31	36.03 0.80 -1.26	41.62 0.89 -1.37	43.51 1.01 -1.62	43.30 1.12 0.00	51.61 1.42 -2.38	118.90 3.51 -5.63	670.73 21.98 -9.46	104.13 3.07 -6.06	94.80 3.16 -5.72	59.22 1.65 -8.69	42.66 1.25 -1.88	32.49 0.92 -0.77
MILLIKEN___2 23585	31.29 0.79 0.00	30.95 0.63 0.00	24.02 0.46 0.00	27.63 0.51 0.00	26.33 0.42 0.00	26.61 0.38 0.00	29.81 0.31 0.00	25.54 0.20 0.00	22.20 0.30 0.00	22.07 0.27 0.00	23.47 0.33 0.00	27.16 0.55 -0.31	36.03 0.80 -1.26	41.62 0.89 -1.37	43.51 1.01 -1.62	43.30 1.12 0.00	51.61 1.42 -2.38	118.90 3.51 -5.63	670.73 21.98 -9.46	104.13 3.07 -6.06	94.80 3.16 -5.72	59.22 1.65 -8.69	42.66 1.25 -1.88	32.49 0.92 -0.77
MILLIKEN___DIESEL 23629	31.29 0.79 0.00	30.95 0.63 0.00	24.02 0.46 0.00	27.63 0.51 0.00	26.33 0.42 0.00	26.61 0.38 0.00	29.81 0.31 0.00	25.54 0.20 0.00	22.20 0.30 0.00	22.07 0.27 0.00	23.47 0.33 0.00	27.16 0.55 -0.31	36.03 0.80 -1.26	41.62 0.89 -1.37	43.51 1.01 -1.62	43.30 1.12 0.00	51.61 1.42 -2.38	118.90 3.51 -5.63	670.73 21.98 -9.46	104.13 3.07 -6.06	94.80 3.16 -5.72	59.22 1.65 -8.69	42.66 1.25 -1.88	32.49 0.92 -0.77
MILLSEAT___LFGE 323607	30.08 -0.41 0.00	29.87 -0.45 0.00	23.25 -0.30 0.00	26.74 -0.39 0.00	25.53 -0.38 0.00	25.67 -0.55 0.00	28.60 -0.91 0.00	24.14 -1.21 0.00	21.21 -0.70 0.00	21.09 -0.71 0.00	22.56 -0.58 0.00	25.81 -0.49 0.00	33.49 -0.49 0.00	38.87 -0.49 0.00	40.34 -0.55 0.00	41.82 -0.36 0.00	47.72 -0.10 0.00	108.45 -1.31 0.00	633.68 -6.62 -1.01	93.81 -1.19 0.00	84.85 -1.06 0.00	48.33 -0.55 0.00	38.97 -0.56 0.00	30.69 -0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.02 2.52 0.00	32.77 2.45 0.00	25.42 1.86 0.00	29.03 1.90 0.00	27.70 1.79 0.00	27.92 1.70 0.00	31.26 1.75 0.00	26.84 1.50 0.00	23.41 1.51 0.00	23.50 1.69 0.00	24.95 1.81 0.00	28.55 2.25 0.00	36.92 2.94 0.00	42.94 3.58 0.00	44.45 3.57 0.00	45.84 3.66 0.00	51.84 4.03 0.00	119.00 9.24 0.00	687.96 48.66 0.00	101.76 6.77 0.00	95.52 5.92 -3.70	73.37 3.49 -21.00	42.50 2.97 0.00	33.15 2.34 0.00
MILLWOOD_13_KV_LOAD 356217	33.13 2.64 0.00	32.88 2.56 0.00	25.50 1.94 0.00	29.12 2.00 0.00	27.79 1.88 0.00	28.01 1.79 0.00	31.35 1.84 0.00	26.93 1.58 0.00	23.49 1.58 0.00	23.58 1.78 0.00	25.04 1.90 0.00	28.66 2.36 0.00	37.08 3.10 0.00	43.13 3.76 0.00	44.65 3.77 0.00	46.06 3.88 0.00	52.09 4.28 0.00	119.60 9.84 0.00	691.37 52.06 0.00	102.25 7.25 0.00	95.95 6.35 -3.70	73.59 3.71 -21.00	42.66 3.14 0.00	33.27 2.47 0.00
MODEL_CITY_ENERGY 24167	29.06 -1.44 0.00	28.91 -1.41 0.00	22.55 -1.01 0.00	25.94 -1.18 0.00	24.80 -1.11 0.00	24.92 -1.30 0.00	27.77 -1.74 0.00	23.36 -1.98 0.00	20.56 -1.34 0.00	20.41 -1.40 0.00	21.81 -1.34 0.00	24.91 -1.39 0.00	32.32 -1.66 0.00	37.46 -1.91 0.00	38.83 -2.06 0.00	40.30 -1.88 0.00	45.87 -1.94 0.00	103.77 -6.00 0.00	605.23 -34.81 -0.74	89.45 -5.54 0.00	80.94 -4.96 0.00	46.24 -2.64 0.00	37.42 -2.11 0.00	29.64 -1.17 0.00
MODERN_LFGE___ 323580	29.06 -1.44 0.00	28.91 -1.41 0.00	22.55 -1.01 0.00	25.94 -1.18 0.00	24.80 -1.11 0.00	24.92 -1.30 0.00	27.77 -1.74 0.00	23.36 -1.98 0.00	20.56 -1.34 0.00	20.41 -1.40 0.00	21.81 -1.34 0.00	24.91 -1.39 0.00	32.32 -1.66 0.00	37.46 -1.91 0.00	38.83 -2.06 0.00	40.30 -1.88 0.00	45.87 -1.94 0.00	103.77 -6.00 0.00	605.23 -34.81 -0.74	89.45 -5.54 0.00	80.94 -4.96 0.00	46.24 -2.64 0.00	37.42 -2.11 0.00	29.64 -1.17 0.00
MOHAWK_PAPER___DRP 24187	32.00 1.50 0.00	31.77 1.45 0.00	24.78 1.23 0.00	28.47 1.34 0.00	27.23 1.32 0.00	27.51 1.29 0.00	30.78 1.27 0.00	26.37 1.03 0.00	22.76 0.85 0.00	22.61 0.81 0.00	23.94 0.79 0.00	27.30 1.00 0.00	35.31 1.33 0.00	41.06 1.69 0.00	42.65 1.77 0.00	44.01 1.83 0.00	49.87 2.06 0.00	114.77 5.01 0.00	669.86 30.56 0.00	99.57 4.57 0.00	117.78 4.10 -27.77	208.92 2.30 -157.74	41.35 1.82 0.00	32.16 1.35 0.00
MOHICAN___35_KV_115KV_LD 80490	33.06 2.56 0.00	32.69 2.37 0.00	25.17 1.62 0.00	28.96 1.84 0.00	27.77 1.86 0.00	28.08 1.86 0.00	31.46 1.95 0.00	27.01 1.66 0.00	23.17 1.27 0.00	23.05 1.24 0.00	24.34 1.20 0.00	27.84 1.55 0.00	35.98 2.01 0.00	41.81 2.44 0.00	43.54 2.65 0.00	44.90 2.72 0.00	51.24 3.43 0.00	118.47 8.70 0.00	696.45 57.14 0.00	103.72 8.72 0.00	135.21 7.78 -41.52	289.02 4.29 -235.85	42.77 3.25 0.00	33.11 2.30 0.00
MONGAUP___HYD 23641	32.95 2.45 0.00	32.66 2.34 0.00	25.31 1.76 0.00	28.93 1.81 0.00	27.59 1.68 0.00	27.83 1.61 0.00	31.17 1.67 0.00	26.71 1.37 0.00	23.19 1.29 0.00	23.17 1.37 0.00	24.54 1.40 0.00	28.03 1.73 0.00	36.29 2.32 0.00	42.35 2.99 0.00	43.95 3.06 0.00	45.35 3.17 0.00	51.41 3.60 0.00	118.45 8.69 0.00	685.46 46.16 0.00	102.21 7.21 0.00	95.64 6.45 -3.28	71.35 3.81 -18.65	42.62 3.08 0.00	33.10 2.30 0.00
MONTAUK___DIESEL 23721	33.69 3.19 0.00	33.21 2.89 0.00	25.82 2.26 0.00	29.63 2.50 0.00	28.79 2.88 0.00	29.34 3.12 0.00	33.27 3.76 0.00	28.71 3.36 0.00	26.73 3.43 -1.39	25.33 3.53 0.00	69.41 4.05 -42.21	56.14 4.78 -25.07	41.82 5.75 -2.09	70.87 7.17 -24.33	68.83 7.21 -20.73	287.75 7.77 -237.81	281.96 8.53 -225.62	282.04 19.58 -152.70	795.23 104.58 -51.35	225.85 15.16 -115.69	174.04 13.01 -75.12	113.84 7.98 -56.97	77.05 6.64 -30.88	54.12 5.05 -18.27
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.11 -0.39 0.00	29.94 -0.38 0.00	23.45 -0.11 0.00	26.95 -0.18 0.00	25.86 -0.05 0.00	25.99 -0.23 0.00	29.00 -0.51 0.00	24.68 -0.67 0.00	21.89 -0.02 0.00	21.91 0.10 0.00	23.45 0.31 0.00	26.94 0.64 0.00	35.05 1.07 0.00	40.33 0.96 0.00	41.78 0.90 0.00	43.05 0.87 0.00	48.98 1.17 0.00	112.23 2.47 0.00	654.04 14.17 -0.57	95.65 0.65 0.00	87.01 1.10 0.00	49.42 0.53 0.00	39.92 0.39 0.00	31.41 0.61 0.00

MORTIMER_115KV_TB3 55949	30.19 -0.31 0.00	29.94 -0.38 0.00	23.28 -0.28 0.00	26.79 -0.34 0.00	25.56 -0.36 0.00	25.74 -0.48 0.00	28.75 -0.75 0.00	24.45 -0.89 0.00	21.39 -0.51 0.00	21.32 -0.49 0.00	22.78 -0.37 0.00	26.03 -0.27 0.00	33.77 -0.21 0.00	39.15 -0.22 0.00	40.69 -0.20 0.00	42.15 -0.03 0.00	47.97 0.16 0.00	109.57 -0.20 0.00	638.95 -0.35 0.00	94.42 -0.57 0.00	85.25 -0.66 0.00	48.45 -0.44 0.00	39.11 -0.42 0.00	30.64 -0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.34 2.84 0.00	33.07 2.76 0.00	25.66 2.10 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.15 1.92 0.00	31.50 2.00 0.00	27.06 1.72 0.00	23.64 1.73 0.00	23.74 1.94 0.00	25.23 2.09 0.00	28.89 2.59 0.00	37.36 3.38 0.00	43.41 4.04 0.00	44.93 4.05 0.00	46.31 4.13 0.00	52.34 4.54 0.00	120.15 10.38 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.31 6.67 -3.72	73.92 3.89 -21.15	42.91 3.38 0.00	33.50 2.69 0.00
MUNSVILLE_WIND_PWR 323609	32.89 2.39 0.00	32.45 2.13 0.00	25.20 1.64 0.00	28.72 1.59 0.00	27.57 1.66 0.00	28.05 1.83 0.00	31.44 1.93 0.00	26.90 1.55 0.00	23.29 1.39 0.00	23.14 1.34 0.00	24.60 1.45 0.00	28.43 1.94 -0.19	37.36 2.59 -0.80	43.34 3.10 -0.86	45.15 3.24 -1.02	45.82 3.65 0.00	53.47 4.16 -1.51	123.31 9.99 -3.55	710.34 65.07 -5.97	108.56 9.73 -3.82	100.61 9.27 -5.43	69.83 5.13 -15.82	44.56 3.84 -1.19	34.05 2.76 -0.48
N SALMON___HYD 24042	29.98 -0.52 0.00	29.66 -0.66 0.00	22.88 -0.68 0.00	26.42 -0.70 0.00	25.25 -0.66 0.00	25.65 -0.57 0.00	29.12 -0.39 0.00	25.30 -0.05 0.00	21.84 -0.06 0.00	21.64 -0.16 0.00	22.98 -0.17 0.00	25.91 -0.39 0.00	33.42 -0.56 0.00	38.70 -0.67 0.00	40.14 -0.74 0.00	41.45 -0.72 0.00	47.01 -0.79 0.00	107.98 -1.78 0.00	631.15 -8.15 0.00	94.67 -0.33 0.00	85.81 -0.10 0.00	48.72 -0.16 0.00	39.18 -0.35 0.00	30.38 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	29.94 -0.56 0.00	29.74 -0.58 0.00	23.16 -0.40 0.00	26.63 -0.49 0.00	25.44 -0.47 0.00	25.58 -0.65 0.00	28.49 -1.02 0.00	24.03 -1.32 0.00	21.12 -0.78 0.00	21.00 -0.81 0.00	22.46 -0.68 0.00	25.69 -0.61 0.00	33.35 -0.63 0.00	38.71 -0.66 0.00	40.15 -0.73 0.00	41.64 -0.54 0.00	47.47 -0.34 0.00	107.70 -2.06 0.00	629.37 -11.03 -1.10	93.06 -1.94 0.00	84.18 -1.73 0.00	47.97 -0.91 0.00	38.72 -0.81 0.00	30.51 -0.29 0.00
N.BELMOR_69_KV_BK1 55787	33.68 3.19 0.00	33.32 3.00 0.00	25.85 2.29 0.00	29.54 2.42 0.00	28.24 2.33 0.00	28.43 2.21 0.00	31.85 2.35 0.00	27.35 2.01 0.00	25.32 2.02 -1.39	23.98 2.17 0.00	40.36 2.42 -14.79	39.79 2.98 -10.51	39.97 3.91 -2.09	38.87 4.62 5.12	44.74 4.40 0.54	61.04 4.74 -14.12	62.17 5.12 -9.24	121.23 11.47 0.00	696.55 60.62 3.37	126.03 8.93 -22.10	100.13 7.85 -6.36	105.12 4.45 -51.79	61.07 3.94 -17.59	51.74 3.21 -17.72
N.E_GEN_SANDY PD 24062	32.30 1.79 -0.01	32.07 1.76 0.00	26.96 1.32 -2.08	30.26 1.45 -1.70	29.97 1.40 -2.66	30.79 1.35 -3.22	30.83 1.36 0.04	26.53 1.13 -0.05	22.92 1.01 0.00	22.90 1.04 -0.06	24.15 1.00 0.00	27.56 1.26 0.00	35.63 1.65 0.00	41.24 2.06 0.18	42.98 2.09 0.00	44.32 2.14 0.00	49.97 2.36 0.21	114.90 5.71 0.57	672.89 33.59 0.00	135.15 5.02 -35.12	248.51 4.48 -158.12	110.55 2.58 -59.09	41.15 2.10 0.49	32.50 1.61 -0.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.00 2.51 0.00	32.80 2.48 0.00	25.43 1.87 0.00	29.02 1.90 0.00	27.68 1.77 0.00	27.89 1.67 0.00	31.21 1.70 0.00	26.80 1.45 0.00	23.38 1.47 0.00	23.48 1.68 0.00	24.94 1.79 0.00	28.53 2.23 0.00	36.91 2.93 0.00	42.98 3.61 0.00	44.48 3.60 0.00	45.87 3.69 0.00	51.86 4.05 0.00	118.97 9.21 0.00	687.32 48.02 0.00	101.57 6.57 0.00	95.24 5.79 -3.54	72.45 3.45 -20.11	42.41 2.88 0.00	33.08 2.27 0.00
N.QUEENS_27_KV_LOAD 356247	33.33 2.83 0.00	33.05 2.73 0.00	25.69 2.14 0.00	29.24 2.11 0.00	27.93 2.02 0.00	28.13 1.91 0.00	31.44 1.93 0.00	27.09 1.75 0.00	23.71 1.80 0.00	23.84 2.04 0.00	25.28 2.13 0.00	28.93 2.63 0.00	37.36 3.38 0.00	43.39 4.02 0.00	44.91 4.02 0.00	46.34 4.16 0.00	52.36 4.55 0.00	120.12 10.36 0.00	691.46 52.16 0.00	102.29 7.29 0.00	95.96 6.33 -3.72	73.72 3.68 -21.15	42.82 3.29 0.00	33.49 2.69 0.00
N.TROY___115KV_TB1 355778	32.13 1.64 0.00	31.91 1.59 0.00	24.80 1.24 0.00	28.51 1.38 0.00	27.27 1.36 0.00	27.55 1.33 0.00	30.84 1.34 0.00	26.42 1.07 0.00	22.77 0.87 0.00	22.63 0.83 0.00	23.91 0.77 0.00	27.29 0.99 0.00	35.28 1.30 0.00	41.00 1.63 0.00	42.59 1.71 0.00	43.92 1.75 0.00	49.77 1.96 0.00	114.65 4.89 0.00	670.45 31.15 0.00	99.75 4.75 0.00	125.17 4.33 -34.92	249.71 2.44 -198.39	41.47 1.94 0.00	32.26 1.45 0.00
NARROWS_GT1_1 24228	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT1_2 24229	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT1_3 24230	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT1_4 24231	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT1_5 24232	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01

NARROWS_GT1_6 24233	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT1_7 24234	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT1_8 24235	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_1 24236	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_2 24237	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_3 24238	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_4 24239	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_5 24240	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_6 24241	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_7 24242	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NARROWS_GT2_8 24243	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.55 4.37 0.00	52.59 4.78 0.00	120.70 10.93 0.00	694.93 55.63 0.00	102.88 7.88 0.00	96.37 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.72 2.91 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.55 2.05 0.00	32.25 1.93 0.00	25.19 1.63 0.00	28.97 1.84 0.00	27.68 1.77 0.00	27.97 1.75 0.00	31.29 1.78 0.00	26.74 1.40 0.00	22.97 1.07 0.00	22.68 0.87 0.00	23.99 0.84 0.00	27.37 1.08 0.00	35.46 1.48 0.00	41.35 1.99 0.00	43.00 2.11 0.00	44.46 2.28 0.00	50.50 2.68 0.00	116.61 6.85 0.00	687.00 47.69 0.00	102.18 7.18 0.00	107.59 6.54 -15.14	138.31 3.45 -85.98	42.20 2.67 0.00	32.70 1.89 0.00
NCHELSEA_115KV_TR2 355582	33.21 2.71 0.00	32.93 2.61 0.00	25.52 1.96 0.00	29.16 2.03 0.00	27.82 1.91 0.00	28.05 1.82 0.00	31.40 1.90 0.00	26.96 1.61 0.00	23.50 1.59 0.00	23.58 1.78 0.00	25.06 1.92 0.00	28.70 2.40 0.00	37.15 3.18 0.00	43.25 3.88 0.00	44.84 3.96 0.00	46.30 4.12 0.00	52.42 4.61 0.00	120.45 10.69 0.00	697.65 58.35 0.00	103.21 8.21 0.00	96.97 7.16 -3.90	75.15 4.11 -22.15	42.94 3.41 0.00	33.41 2.60 0.00
NEG CAPITAL____MECHNVIL 23645	32.64 2.15 0.00	32.35 2.03 0.00	25.07 1.51 0.00	28.83 1.70 0.00	27.56 1.65 0.00	27.86 1.64 0.00	31.20 1.69 0.00	26.73 1.39 0.00	23.05 1.15 0.00	22.93 1.13 0.00	24.27 1.13 0.00	27.74 1.44 0.00	35.88 1.91 0.00	41.70 2.33 0.00	43.37 2.49 0.00	44.76 2.58 0.00	50.83 3.02 0.00	117.28 7.51 0.00	686.49 47.19 0.00	102.13 7.14 0.00	131.93 6.41 -39.60	277.40 3.55 -224.96	42.26 2.73 0.00	32.80 1.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.76 -0.73 0.00	29.49 -0.83 0.00	22.92 -0.64 0.00	26.38 -0.75 0.00	25.16 -0.75 0.00	25.35 -0.87 0.00	28.34 -1.17 0.00	24.15 -1.20 0.00	21.13 -0.77 0.00	21.08 -0.72 0.00	22.49 -0.65 0.00	25.70 -0.60 0.00	33.33 -0.65 0.00	38.64 -0.72 0.00	40.18 -0.71 0.00	41.62 -0.56 0.00	47.39 -0.42 0.00	108.45 -1.31 0.00	632.22 -7.08 0.00	93.54 -1.45 0.00	84.43 -1.48 0.00	47.95 -0.94 0.00	38.65 -0.88 0.00	30.23 -0.58 0.00

NEG CENTRAL___DRP 24199	30.72 0.22 0.00	30.40 0.08 0.00	23.61 0.06 0.00	27.17 0.04 0.00	25.88 -0.03 0.00	26.10 -0.12 0.00	29.21 -0.30 0.00	25.01 -0.33 0.00	21.83 -0.08 0.00	21.73 -0.07 0.00	23.15 0.01 0.00	26.83 0.22 -0.31	35.59 0.33 -1.28	41.14 0.38 -1.39	43.03 0.49 -1.65	42.74 0.56 0.00	51.04 0.80 -2.43	117.42 1.93 -5.74	659.15 10.21 -9.64	102.61 1.44 -6.18	92.22 1.51 -4.80	52.58 0.69 -3.01	41.95 0.50 -1.92	31.97 0.39 -0.78
NEG CENTRAL___INDECK 23768	31.13 0.63 0.00	30.82 0.50 0.00	23.88 0.33 0.00	27.48 0.36 0.00	26.16 0.24 0.00	26.30 0.08 0.00	29.47 -0.04 0.00	25.03 -0.31 0.00	21.90 0.00 0.00	21.86 0.05 0.00	23.42 0.28 0.00	26.84 0.54 0.00	34.73 0.75 0.00	40.16 0.80 0.00	41.01 0.12 0.00	42.21 0.03 0.00	47.98 0.16 0.00	109.85 0.08 0.00	638.86 -0.44 0.00	94.59 -0.40 0.00	86.26 0.35 0.00	49.23 0.35 0.00	40.50 0.97 0.00	31.87 1.07 0.00
NEG CENTRAL___SENECA 23627	30.80 0.30 0.00	30.49 0.17 0.00	23.69 0.13 0.00	27.23 0.11 0.00	25.94 0.03 0.00	26.13 -0.09 0.00	29.23 -0.28 0.00	25.01 -0.34 0.00	21.87 -0.04 0.00	21.76 -0.04 0.00	23.22 0.07 0.00	26.77 0.31 -0.16	35.10 0.45 -0.68	40.61 0.51 -0.74	42.39 0.64 -0.87	42.87 0.69 0.00	50.07 0.97 -1.29	115.12 2.33 -3.03	656.13 11.72 -5.10	100.05 1.78 -3.27	90.33 1.88 -2.54	51.37 0.89 -1.59	41.19 0.65 -1.01	31.75 0.52 -0.41
NEG CENTRAL___STATE_STREET 24147	30.88 0.38 0.00	30.51 0.19 0.00	23.68 0.12 0.00	27.33 0.21 0.00	25.99 0.08 0.00	26.29 0.07 0.00	29.44 -0.06 0.00	25.24 -0.10 0.00	21.98 0.07 0.00	21.85 0.05 0.00	23.27 0.12 0.00	27.01 0.30 -0.42	36.03 0.34 -1.71	41.60 0.37 -1.85	43.64 0.56 -2.19	42.88 0.70 0.00	51.92 0.87 -3.24	119.62 2.22 -7.64	665.64 13.49 -12.84	105.06 1.83 -8.23	94.22 1.91 -6.40	53.69 0.80 -4.01	42.73 0.64 -2.55	32.32 0.48 -1.04
NEG MILLWOOD___DRP 24198	33.37 2.87 0.00	33.08 2.76 0.00	25.62 2.06 0.00	29.27 2.14 0.00	27.93 2.02 0.00	28.15 1.92 0.00	31.51 2.00 0.00	27.07 1.72 0.00	23.62 1.71 0.00	23.71 1.91 0.00	25.22 2.08 0.00	28.89 2.60 0.00	37.43 3.45 0.00	43.55 4.18 0.00	45.16 4.28 0.00	46.62 4.45 0.00	52.80 4.99 0.00	121.28 11.51 0.00	702.18 62.88 0.00	103.78 8.78 0.00	97.42 7.64 -3.87	75.23 4.35 -22.00	43.11 3.58 0.00	33.56 2.76 0.00
NEG NORTH_FLCN_SEA 23793	30.49 -0.01 0.00	30.16 -0.16 0.00	23.14 -0.42 0.00	26.74 -0.38 0.00	25.55 -0.36 0.00	25.94 -0.28 0.00	29.44 -0.07 0.00	25.61 0.26 0.00	22.12 0.21 0.00	21.88 0.08 0.00	23.25 0.10 0.00	26.31 0.01 0.00	33.82 -0.16 0.00	39.26 -0.11 0.00	40.78 -0.11 0.00	42.07 -0.10 0.00	47.78 -0.03 0.00	109.54 -0.23 0.00	640.30 1.00 0.00	95.78 0.78 0.00	86.75 0.84 0.00	49.39 0.50 0.00	39.64 0.11 0.00	30.66 -0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	29.98 -0.51 0.00	29.67 -0.65 0.00	22.87 -0.68 0.00	26.44 -0.69 0.00	25.24 -0.68 0.00	25.63 -0.59 0.00	29.08 -0.43 0.00	25.25 -0.09 0.00	21.78 -0.12 0.00	21.53 -0.27 0.00	22.86 -0.29 0.00	25.80 -0.49 0.00	33.22 -0.76 0.00	38.49 -0.88 0.00	39.97 -0.91 0.00	41.26 -0.91 0.00	46.78 -1.03 0.00	107.30 -2.46 0.00	626.66 -12.63 0.00	94.04 -0.95 0.00	85.26 -0.65 0.00	48.48 -0.41 0.00	38.96 -0.56 0.00	30.24 -0.56 0.00
NEG NORTH___ALICE_FALLS 23915	30.55 0.05 0.00	30.21 -0.11 0.00	23.18 -0.37 0.00	26.78 -0.34 0.00	25.58 -0.33 0.00	25.97 -0.25 0.00	29.48 -0.03 0.00	25.65 0.30 0.00	22.15 0.25 0.00	21.91 0.11 0.00	23.32 0.17 0.00	26.37 0.07 0.00	33.90 -0.08 0.00	39.34 -0.03 0.00	40.87 -0.01 0.00	42.16 -0.01 0.00	47.88 0.07 0.00	109.87 0.11 0.00	642.42 3.12 0.00	96.20 1.20 0.00	87.15 1.24 0.00	49.58 0.69 0.00	39.78 0.25 0.00	30.76 -0.04 0.00
NEG NORTH___LWR_SARANAC 23913	30.55 0.05 0.00	30.21 -0.11 0.00	23.18 -0.37 0.00	26.78 -0.34 0.00	25.58 -0.33 0.00	25.97 -0.25 0.00	29.48 -0.03 0.00	25.65 0.30 0.00	22.15 0.25 0.00	21.91 0.11 0.00	23.32 0.17 0.00	26.37 0.07 0.00	33.90 -0.08 0.00	39.34 -0.03 0.00	40.87 -0.01 0.00	42.16 -0.01 0.00	47.88 0.07 0.00	109.87 0.11 0.00	642.42 3.12 0.00	96.20 1.20 0.00	87.15 1.24 0.00	49.58 0.69 0.00	39.78 0.25 0.00	30.76 -0.04 0.00
NEG NORTH___PLATTSBURG 23628	30.55 0.05 0.00	30.21 -0.11 0.00	23.18 -0.37 0.00	26.78 -0.34 0.00	25.58 -0.33 0.00	25.97 -0.25 0.00	29.48 -0.03 0.00	25.65 0.30 0.00	22.15 0.25 0.00	21.91 0.11 0.00	23.32 0.17 0.00	26.37 0.07 0.00	33.90 -0.08 0.00	39.34 -0.03 0.00	40.87 -0.01 0.00	42.16 -0.01 0.00	47.88 0.07 0.00	109.85 0.09 0.00	642.43 3.13 0.00	96.20 1.20 0.00	87.15 1.24 0.00	49.58 0.69 0.00	39.78 0.25 0.00	30.76 -0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	29.39 -1.11 0.00	29.23 -1.09 0.00	22.79 -0.77 0.00	26.22 -0.91 0.00	25.05 -0.86 0.00	25.19 -1.03 0.00	28.05 -1.46 0.00	23.63 -1.72 0.00	20.79 -1.11 0.00	20.65 -1.16 0.00	22.08 -1.07 0.00	25.22 -1.08 0.00	32.74 -1.24 0.00	37.93 -1.44 0.00	39.34 -1.54 0.00	40.82 -1.35 0.00	46.48 -1.33 0.00	105.26 -4.50 0.00	614.36 -25.97 -1.03	90.69 -4.31 0.00	82.03 -3.89 0.00	46.78 -2.10 0.00	37.84 -1.69 0.00	29.92 -0.89 0.00
NEG WEST___LANCASTR 23811	29.90 -0.60 0.00	29.71 -0.61 0.00	23.12 -0.44 0.00	26.56 -0.56 0.00	25.38 -0.54 0.00	25.52 -0.70 0.00	28.49 -1.01 0.00	24.15 -1.20 0.00	21.27 -0.64 0.00	21.19 -0.62 0.00	22.65 -0.50 0.00	25.94 -0.36 0.00	33.68 -0.29 0.00	38.85 -0.52 0.00	40.30 -0.58 0.00	41.72 -0.46 0.00	47.43 -0.38 0.00	108.06 -1.70 0.00	628.24 -11.77 -0.71	92.35 -2.64 0.00	83.71 -2.20 0.00	47.60 -1.28 0.00	38.51 -1.02 0.00	30.36 -0.45 0.00
NEG_PENN_ALLEGHNY 23528	30.97 0.47 0.00	30.70 0.39 0.00	23.86 0.31 0.00	27.40 0.27 0.00	26.15 0.24 0.00	26.39 0.17 0.00	29.59 0.08 0.00	25.33 -0.02 0.00	22.08 0.18 0.00	22.04 0.23 0.00	23.47 0.33 0.00	27.07 0.59 -0.18	35.62 0.88 -0.76	41.12 0.93 -0.83	42.86 1.00 -0.98	43.19 1.02 0.00	50.41 1.16 -1.44	115.86 2.69 -3.41	659.84 14.81 -5.73	99.99 1.33 -3.67	91.91 1.56 -4.44	60.51 0.83 -10.79	41.34 0.67 -1.14	31.81 0.54 -0.46
NEG___GEN_MONROE 24207	30.37 -0.12 0.00	30.13 -0.19 0.00	23.43 -0.12 0.00	26.95 -0.18 0.00	25.72 -0.19 0.00	25.89 -0.33 0.00	28.92 -0.59 0.00	24.55 -0.80 0.00	21.48 -0.42 0.00	21.39 -0.41 0.00	22.88 -0.27 0.00	26.16 -0.14 0.00	33.94 -0.04 0.00	39.35 -0.02 0.00	40.89 0.01 0.00	42.38 0.20 0.00	48.27 0.46 0.00	110.27 0.50 0.00	642.84 3.54 0.00	95.11 0.11 0.00	85.92 0.01 0.00	48.85 -0.04 0.00	39.40 -0.13 0.00	30.87 0.07 0.00
NEPA___ENERGY 23901	30.11 -0.39 0.00	29.91 -0.41 0.00	23.30 -0.26 0.00	26.68 -0.44 0.00	25.52 -0.39 0.00	25.66 -0.56 0.00	28.67 -0.84 0.00	24.38 -0.97 0.00	21.55 -0.36 0.00	21.53 -0.28 0.00	23.03 -0.11 0.00	26.50 0.20 0.00	34.49 0.51 0.00	39.62 0.25 0.00	41.15 0.26 0.00	42.38 0.20 0.00	48.10 0.29 0.00	110.05 0.28 0.00	639.83 0.08 -0.45	93.04 -1.95 0.00	84.88 -1.03 0.00	48.24 -0.64 0.00	38.97 -0.56 0.00	30.66 -0.14 0.00

NEVERSINK___HYD 23608	32.37 1.87 0.00	32.07 1.75 0.00	24.81 1.25 0.00	28.31 1.19 0.00	27.00 1.09 0.00	27.25 1.03 0.00	30.51 1.01 0.00	26.20 0.85 0.00	22.84 0.93 0.00	22.93 1.12 0.00	24.38 1.24 0.00	27.88 1.58 0.00	36.00 2.02 0.00	40.84 1.48 0.00	42.42 1.53 0.00	43.84 1.66 0.00	49.57 1.76 0.00	114.16 4.40 0.00	662.51 23.21 0.00	98.16 3.16 0.00	92.66 2.73 -4.02	74.60 2.88 -22.84	41.86 2.33 0.00	32.50 1.70 0.00
NEWKRMKL_115KV_TB1 55635	31.65 1.16 0.00	31.44 1.12 0.00	24.61 1.05 0.00	28.27 1.14 0.00	27.02 1.11 0.00	27.31 1.09 0.00	30.57 1.06 0.00	26.20 0.85 0.00	22.61 0.71 0.00	22.42 0.62 0.00	23.75 0.60 0.00	27.06 0.76 0.00	34.99 1.02 0.00	40.70 1.33 0.00	42.26 1.38 0.00	43.60 1.43 0.00	49.39 1.57 0.00	113.56 3.79 0.00	661.97 22.67 0.00	98.33 3.34 0.00	114.48 2.98 -25.60	195.95 1.67 -145.40	40.87 1.34 0.00	31.79 0.99 0.00
NEWTON___FALLS_HYD 23847	29.28 -1.22 0.00	28.84 -1.48 0.00	22.36 -1.19 0.00	25.76 -1.36 0.00	24.79 -1.12 0.00	25.44 -0.78 0.00	28.84 -0.67 0.00	24.82 -0.53 0.00	21.45 -0.46 0.00	21.22 -0.58 0.00	22.54 -0.60 0.00	25.69 -0.77 -0.16	33.76 -0.89 -0.68	38.91 -1.19 -0.74	40.57 -1.19 -0.87	40.79 -1.39 0.00	47.85 -1.25 -1.29	110.45 -2.35 -3.03	636.01 -8.39 -5.10	98.27 0.01 -3.27	88.93 0.48 -2.54	50.64 0.16 -1.59	40.53 -0.02 -1.01	31.06 -0.16 -0.41
NGRID_A1_DSASP 323792	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.82 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.07 0.00	20.48 -1.43 0.00	20.32 -1.48 0.00	21.71 -1.43 0.00	24.78 -1.52 0.00	32.13 -1.85 0.00	37.22 -2.15 0.00	38.56 -2.32 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.04 -43.03 4.23	88.19 -6.81 0.00	79.76 -6.15 0.00	45.50 -3.38 0.00	36.77 -2.76 0.00	29.17 -1.64 0.00
NGRID_A2_DSASP 323793	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.82 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.07 0.00	20.48 -1.43 0.00	20.32 -1.48 0.00	21.71 -1.43 0.00	24.78 -1.52 0.00	32.13 -1.85 0.00	37.22 -2.15 0.00	38.56 -2.32 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.04 -43.03 4.23	88.19 -6.81 0.00	79.76 -6.15 0.00	45.50 -3.38 0.00	36.77 -2.76 0.00	29.17 -1.64 0.00
NGRID_A4_DSASP 323807	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.82 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.07 0.00	20.48 -1.43 0.00	20.32 -1.48 0.00	21.71 -1.43 0.00	24.78 -1.52 0.00	32.13 -1.85 0.00	37.22 -2.15 0.00	38.56 -2.32 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.04 -43.03 4.23	88.19 -6.81 0.00	79.76 -6.15 0.00	45.50 -3.38 0.00	36.77 -2.76 0.00	29.17 -1.64 0.00
NIAGARA_115E_LBMP 323715	28.86 -1.64 0.00	28.72 -1.60 0.00	22.42 -1.14 0.00	25.79 -1.34 0.00	24.65 -1.26 0.00	24.77 -1.45 0.00	27.59 -1.92 0.00	23.21 -2.13 0.00	20.43 -1.48 0.00	20.27 -1.53 0.00	21.66 -1.49 0.00	24.72 -1.57 0.00	32.08 -1.90 0.00	37.18 -2.19 0.00	38.53 -2.36 0.00	39.98 -2.20 0.00	45.51 -2.31 0.00	102.89 -6.87 0.00	599.53 -40.27 -0.50	88.69 -6.30 0.00	80.26 -5.65 0.00	45.88 -3.00 0.00	37.16 -2.37 0.00	29.45 -1.35 0.00
NIAGARA_115W_LBMP 323714	28.84 -1.66 0.00	28.70 -1.62 0.00	22.40 -1.16 0.00	25.79 -1.33 0.00	24.64 -1.27 0.00	24.77 -1.45 0.00	27.60 -1.91 0.00	23.23 -2.11 0.00	20.44 -1.47 0.00	20.27 -1.53 0.00	21.66 -1.48 0.00	24.72 -1.58 0.00	32.06 -1.92 0.00	37.13 -2.24 0.00	38.48 -2.41 0.00	39.94 -2.24 0.00	45.45 -2.37 0.00	102.71 -7.05 0.00	590.81 -44.66 3.84	87.93 -7.06 0.00	79.56 -6.35 0.00	45.39 -3.49 0.00	36.68 -2.85 0.00	29.10 -1.71 0.00
NIAGARA_230_LBMP 323716	29.06 -1.43 0.00	28.93 -1.39 0.00	22.56 -0.99 0.00	25.98 -1.15 0.00	24.81 -1.10 0.00	24.95 -1.27 0.00	27.81 -1.70 0.00	23.44 -1.91 0.00	20.61 -1.30 0.00	20.45 -1.35 0.00	21.85 -1.29 0.00	24.95 -1.35 0.00	32.36 -1.62 0.00	37.43 -1.94 0.00	38.80 -2.08 0.00	40.28 -1.90 0.00	45.82 -1.99 0.00	103.83 -5.93 0.00	604.25 -34.54 0.51	89.27 -5.73 0.00	80.69 -5.22 0.00	46.02 -2.86 0.00	37.21 -2.32 0.00	29.49 -1.32 0.00
NIAGARA___115KV_198_GIBSON 55903	28.84 -1.66 0.00	28.70 -1.62 0.00	22.40 -1.16 0.00	25.79 -1.33 0.00	24.64 -1.27 0.00	24.78 -1.45 0.00	27.60 -1.91 0.00	23.23 -2.11 0.00	20.44 -1.47 0.00	20.27 -1.53 0.00	21.67 -1.48 0.00	24.71 -1.59 0.00	32.05 -1.93 0.00	37.11 -2.26 0.00	38.50 -2.39 0.00	39.94 -2.24 0.00	45.45 -2.36 0.00	102.69 -7.07 0.00	590.73 -44.73 3.84	87.93 -7.06 0.00	79.56 -6.35 0.00	45.37 -3.51 0.00	36.68 -2.85 0.00	29.07 -1.73 0.00
NIAGARA____ 23760	29.06 -1.43 0.00	28.93 -1.39 0.00	22.56 -0.99 0.00	25.98 -1.15 0.00	24.81 -1.10 0.00	24.95 -1.27 0.00	27.81 -1.70 0.00	23.44 -1.91 0.00	20.61 -1.30 0.00	20.45 -1.35 0.00	21.85 -1.29 0.00	24.95 -1.35 0.00	32.36 -1.62 0.00	37.43 -1.94 0.00	38.80 -2.08 0.00	40.28 -1.90 0.00	45.82 -1.99 0.00	103.83 -5.93 0.00	603.71 -34.54 1.05	89.27 -5.73 0.00	80.69 -5.22 0.00	46.02 -2.86 0.00	37.21 -2.32 0.00	29.49 -1.32 0.00
NINE_MILE_1 23575	29.64 -0.85 0.00	29.41 -0.91 0.00	22.87 -0.69 0.00	26.32 -0.80 0.00	25.14 -0.77 0.00	25.40 -0.82 0.00	28.48 -1.02 0.00	24.43 -0.91 0.00	21.21 -0.70 0.00	21.12 -0.69 0.00	22.42 -0.72 0.00	22.76 -0.74 2.80	21.58 -0.91 11.49	25.83 -1.06 12.48	25.04 -1.08 14.76	41.10 -1.07 0.00	24.85 -1.18 21.79	55.61 -2.71 51.44	537.38 -15.45 86.46	37.15 -2.44 55.41	40.65 -2.19 43.07	20.65 -1.26 26.98	21.30 -1.05 17.18	22.99 -0.81 7.00
NINE_MILE_2 23744	29.64 -0.85 0.00	29.41 -0.91 0.00	22.87 -0.69 0.00	26.32 -0.80 0.00	25.14 -0.77 0.00	25.40 -0.82 0.00	28.49 -1.02 0.00	24.43 -0.91 0.00	21.21 -0.69 0.00	21.12 -0.69 0.00	22.42 -0.72 0.00	22.72 -0.74 2.84	21.41 -0.91 11.66	25.64 -1.06 12.67	24.82 -1.08 14.99	41.10 -1.07 0.00	24.52 -1.18 22.11	54.83 -2.71 52.22	536.08 -15.45 87.77	36.32 -2.44 56.24	40.00 -2.19 43.72	20.24 -1.26 27.39	21.04 -1.05 17.44	22.89 -0.81 7.11
NM_CAPITAL___DRP 24208	31.71 1.21 0.00	31.49 1.17 0.00	24.62 1.07 0.00	28.29 1.16 0.00	27.05 1.14 0.00	27.34 1.11 0.00	30.58 1.07 0.00	26.21 0.87 0.00	22.62 0.72 0.00	22.44 0.64 0.00	23.75 0.61 0.00	27.07 0.78 0.00	35.00 1.02 0.00	40.70 1.33 0.00	42.25 1.36 0.00	43.60 1.42 0.00	49.35 1.54 0.00	113.49 3.72 0.00	661.97 22.67 0.00	98.38 3.38 0.00	114.13 3.03 -25.18	193.64 1.72 -143.04	40.91 1.38 0.00	31.84 1.03 0.00
NM_CENTRAL___DRP 24181	30.38 -0.11 0.00	30.11 -0.21 0.00	23.39 -0.16 0.00	26.92 -0.20 0.00	25.69 -0.22 0.00	25.93 -0.30 0.00	29.07 -0.44 0.00	24.91 -0.44 0.00	21.67 -0.24 0.00	21.58 -0.22 0.00	22.96 -0.18 0.00	26.49 -0.08 -0.27	35.08 -0.01 -1.11	40.55 -0.03 -1.21	45.08 0.04 -4.16	45.61 0.09 -3.34	56.31 0.19 -8.31	120.19 0.48 -9.95	652.17 3.23 -9.64	101.30 0.23 -6.07	92.99 0.25 -6.83	55.20 0.07 -6.24	43.62 -0.02 -4.10	31.45 -0.04 -0.68

NM_FRONTIER___DRP 24179	28.84 -1.66 0.00	28.70 -1.62 0.00	22.40 -1.16 0.00	25.79 -1.33 0.00	24.64 -1.27 0.00	24.78 -1.45 0.00	27.60 -1.91 0.00	23.23 -2.11 0.00	20.44 -1.47 0.00	20.27 -1.53 0.00	21.67 -1.48 0.00	24.71 -1.59 0.00	32.05 -1.93 0.00	37.11 -2.26 0.00	38.50 -2.39 0.00	39.94 -2.24 0.00	45.45 -2.36 0.00	102.69 -7.07 0.00	590.73 -44.73 3.84	87.93 -7.06 0.00	79.56 -6.35 0.00	45.37 -3.51 0.00	36.68 -2.85 0.00	29.07 -1.73 0.00
NM_ST_REGIS___HYD 24053	29.14 -1.35 0.00	28.89 -1.43 0.00	22.35 -1.21 0.00	25.81 -1.31 0.00	24.72 -1.19 0.00	25.16 -1.06 0.00	28.56 -0.94 0.00	24.74 -0.60 0.00	21.32 -0.59 0.00	21.11 -0.69 0.00	22.43 -0.72 0.00	25.26 -1.04 0.00	32.59 -1.39 0.00	37.66 -1.71 0.00	39.12 -1.77 0.00	40.32 -1.86 0.00	45.82 -1.99 0.00	105.54 -4.23 0.00	617.26 -22.04 0.00	92.67 -2.33 0.00	84.01 -1.90 0.00	47.63 -1.26 0.00	38.40 -1.13 0.00	29.82 -0.98 0.00
NORTHPORT___1 23551	33.11 2.61 0.00	32.79 2.47 0.00	25.53 1.97 0.00	29.27 2.14 0.00	28.03 2.11 0.00	28.22 1.99 0.00	31.64 2.14 0.00	27.13 1.78 0.00	25.06 1.76 -1.40	23.63 1.83 0.00	37.15 2.02 -11.99	37.75 2.42 -9.03	39.19 3.13 -2.08	41.26 3.83 1.94	41.71 3.60 2.77	39.04 3.89 7.03	29.26 4.16 22.71	122.43 9.40 -3.26	678.08 47.55 8.76	131.74 7.48 -29.26	101.43 6.26 -9.26	103.61 3.46 -51.26	59.09 3.08 -16.48	51.62 2.54 -18.28
NORTHPORT___2 23552	33.11 2.61 0.00	32.79 2.47 0.00	25.53 1.97 0.00	29.27 2.14 0.00	28.03 2.11 0.00	28.22 1.99 0.00	31.64 2.14 0.00	27.13 1.78 0.00	25.06 1.76 -1.40	23.63 1.83 0.00	37.15 2.02 -11.99	37.75 2.42 -9.03	39.19 3.13 -2.08	41.26 3.83 1.94	41.71 3.60 2.77	39.04 3.89 7.03	29.26 4.16 22.71	122.43 9.40 -3.26	678.08 47.55 8.76	131.74 7.48 -29.26	101.43 6.26 -9.26	103.61 3.46 -51.26	59.09 3.08 -16.48	51.62 2.54 -18.28
NORTHPORT___3 23553	32.99 2.50 0.00	32.69 2.37 0.00	25.47 1.91 0.00	29.19 2.06 0.00	27.94 2.03 0.00	28.14 1.92 0.00	31.54 2.03 0.00	27.04 1.70 0.00	24.99 1.69 -1.40	23.54 1.74 0.00	37.08 1.95 -11.99	37.68 2.36 -9.02	39.01 2.95 -2.09	41.23 3.79 1.94	41.67 3.56 2.78	35.04 4.12 11.26	25.07 4.38 27.12	92.99 9.92 26.69	674.15 45.88 11.03	104.77 7.46 -2.32	87.63 6.37 4.65	103.42 3.28 -51.26	58.93 2.93 -16.47	51.43 2.35 -18.28
NORTHPORT___4 23650	32.99 2.50 0.00	32.69 2.37 0.00	25.47 1.91 0.00	29.19 2.06 0.00	27.94 2.03 0.00	28.14 1.92 0.00	31.54 2.03 0.00	27.04 1.70 0.00	24.99 1.69 -1.40	23.54 1.74 0.00	37.08 1.95 -11.99	37.68 2.36 -9.02	39.01 2.95 -2.09	41.23 3.79 1.94	41.67 3.56 2.78	35.04 4.12 11.26	25.07 4.38 27.12	92.99 9.92 26.69	674.15 45.88 11.03	104.77 7.46 -2.32	87.63 6.37 4.65	103.42 3.28 -51.26	58.93 2.93 -16.47	51.43 2.35 -18.28
NORTHPORT___IC 23718	33.11 2.61 0.00	32.78 2.47 0.00	25.53 1.97 0.00	29.27 2.14 0.00	28.02 2.12 0.00	28.22 2.00 0.00	31.64 2.14 0.00	27.13 1.79 0.00	25.06 1.76 -1.39	23.63 1.83 0.00	37.14 2.01 -11.99	37.75 2.42 -9.03	39.19 3.12 -2.08	41.27 3.83 1.94	41.71 3.60 2.78	39.03 3.89 7.03	29.26 4.16 22.71	122.43 9.41 -3.26	678.13 47.59 8.76	131.74 7.48 -29.26	101.43 6.26 -9.26	103.62 3.47 -51.26	59.09 3.09 -16.48	51.62 2.54 -18.27
NORTH___COUNTRY_ESR 323785	29.89 -0.61 0.00	29.58 -0.74 0.00	22.81 -0.75 0.00	26.37 -0.75 0.00	25.16 -0.75 0.00	25.57 -0.66 0.00	29.01 -0.50 0.00	25.22 -0.12 0.00	21.76 -0.14 0.00	21.53 -0.27 0.00	22.85 -0.29 0.00	25.80 -0.50 0.00	33.21 -0.77 0.00	38.47 -0.89 0.00	39.97 -0.92 0.00	41.23 -0.95 0.00	46.76 -1.05 0.00	107.25 -2.51 0.00	625.79 -13.51 0.00	93.80 -1.19 0.00	84.97 -0.94 0.00	48.30 -0.59 0.00	38.83 -0.70 0.00	30.15 -0.66 0.00
NPX_GEN_1385_PROXY 323591	32.71 2.21 0.00	32.30 1.98 0.00	25.16 1.60 0.00	29.07 1.95 0.00	28.09 2.18 0.00	24.38 2.04 3.88	25.29 2.26 6.48	27.10 1.76 0.00	24.76 1.46 -1.40	23.13 1.33 0.00	20.69 1.34 3.79	37.08 1.75 -9.03	38.72 2.65 -2.08	41.01 3.58 1.94	41.56 3.45 2.77	38.61 3.47 7.03	29.41 4.32 22.71	123.50 10.47 -3.26	672.52 41.97 8.76	133.96 9.71 -29.26	102.77 7.60 -9.26	103.67 3.53 -51.26	58.90 2.89 -16.48	51.45 2.37 -18.28
NPX_GEN_CSC 323557	33.45 2.95 0.00	33.02 2.70 0.00	25.65 2.09 0.00	29.36 2.24 0.00	28.15 2.24 0.00	24.49 2.15 3.88	25.38 2.36 6.48	27.39 2.04 0.00	25.41 2.11 -1.40	24.05 2.25 0.00	67.86 2.57 -42.15	54.42 3.09 -25.03	39.99 3.92 -2.09	68.51 4.87 -24.28	66.17 4.66 -20.63	284.35 5.05 -237.12	277.51 5.52 -224.18	273.99 12.62 -151.61	755.70 65.56 -50.84	219.73 9.95 -114.78	169.09 8.49 -74.69	110.63 4.78 -56.96	74.48 4.10 -30.85	52.30 3.21 -18.28
NSINS_S_GLNS_FALLS 23858	33.00 2.51 0.00	32.63 2.32 0.00	25.14 1.58 0.00	28.92 1.80 0.00	27.72 1.81 0.00	28.04 1.81 0.00	31.42 1.91 0.00	26.97 1.62 0.00	23.15 1.24 0.00	23.03 1.23 0.00	24.32 1.17 0.00	27.83 1.53 0.00	35.97 1.99 0.00	41.77 2.40 0.00	43.50 2.61 0.00	44.85 2.67 0.00	51.18 3.37 0.00	118.35 8.58 0.00	695.81 56.50 0.00	103.59 8.59 0.00	135.37 7.73 -41.74	290.20 4.24 -237.08	42.73 3.21 0.00	33.07 2.26 0.00
NUCOR_STEEL___DRP 24197	30.85 0.35 0.00	30.47 0.15 0.00	23.65 0.09 0.00	27.31 0.18 0.00	25.96 0.05 0.00	26.28 0.05 0.00	29.43 -0.08 0.00	25.24 -0.11 0.00	21.97 0.06 0.00	21.85 0.05 0.00	23.25 0.11 0.00	27.02 0.27 -0.45	36.10 0.30 -1.83	41.67 0.32 -1.99	43.75 0.51 -2.35	42.83 0.66 0.00	52.10 0.82 -3.46	120.04 2.10 -8.18	665.85 12.80 -13.75	105.46 1.65 -8.81	94.48 1.73 -6.85	53.86 0.69 -4.29	42.85 0.59 -2.73	32.36 0.44 -1.11
NUMBER_THREE_WT_PWR 323818	29.79 -0.70 0.00	29.24 -1.08 0.00	22.68 -0.87 0.00	26.14 -0.98 0.00	25.24 -0.67 0.00	26.06 -0.17 0.00	29.53 0.02 0.00	25.39 0.05 0.00	22.03 0.13 0.00	21.82 0.02 0.00	23.18 0.04 0.00	26.57 0.07 -0.20	34.94 0.15 -0.81	40.19 -0.06 -0.88	41.83 -0.09 -1.04	41.91 -0.27 0.00	49.39 0.04 -1.54	114.16 0.77 -3.63	657.30 11.90 -6.10	101.92 3.02 -3.91	92.29 3.34 -3.04	52.59 1.80 -1.90	41.98 1.24 -1.21	32.07 0.77 -0.49
NYISO_LBMP_REFERENCE 24008	30.50 0.00 0.00	30.32 0.00 0.00	23.56 0.00 0.00	27.12 0.00 0.00	25.91 0.00 0.00	26.22 0.00 0.00	29.51 0.00 0.00	25.35 0.00 0.00	21.91 0.00 0.00	21.80 0.00 0.00	23.15 0.00 0.00	26.30 0.00 0.00	33.98 0.00 0.00	39.37 0.00 0.00	40.88 0.00 0.00	42.18 0.00 0.00	47.81 0.00 0.00	109.76 0.00 0.00	639.30 0.00 0.00	95.00 0.00 0.00	85.91 0.00 0.00	48.89 0.00 0.00	39.53 0.00 0.00	30.80 0.00 0.00
NYPA_BRENTWD____GT 24164	33.73 3.23 0.00	33.36 3.04 0.00	25.92 2.37 0.00	29.68 2.56 0.00	28.40 2.49 0.00	28.59 2.36 0.00	32.06 2.55 0.00	27.53 2.19 0.00	25.47 2.17 -1.40	24.08 2.28 0.00	46.20 2.51 -20.54	42.85 2.99 -13.56	39.86 3.79 -2.09	49.53 4.66 -5.50	49.36 4.28 -4.19	107.09 4.58 -60.33	103.19 4.97 -50.42	149.71 11.19 -28.75	706.75 58.39 -9.06	142.73 8.91 -38.82	113.15 7.63 -19.61	106.00 4.23 -52.88	63.80 3.72 -20.55	52.32 3.23 -18.28

NYPA_GOWANUS____GT5 24156	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.98 3.57 -0.43	43.62 4.25 0.00	45.15 4.26 0.00	46.54 4.36 0.00	52.57 4.76 0.00	120.66 10.90 0.00	694.78 55.48 0.00	102.85 7.85 0.00	96.35 6.71 -3.72	73.97 3.93 -21.15	43.10 3.57 0.00	33.72 2.91 -0.01
NYPA_GOWANUS____GT6 24157	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.38 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.84 0.00	23.75 1.84 0.00	23.87 2.07 0.00	34.24 2.22 -8.87	37.66 2.74 -8.62	37.98 3.57 -0.43	43.62 4.25 0.00	45.15 4.26 0.00	46.54 4.36 0.00	52.57 4.76 0.00	120.66 10.90 0.00	694.78 55.48 0.00	102.85 7.85 0.00	96.35 6.71 -3.72	73.97 3.93 -21.15	43.10 3.57 0.00	33.72 2.91 -0.01
NYPA_HARLEM__RVR__GT1 24160	33.24 2.75 0.00	32.98 2.66 0.00	25.63 2.07 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.08 1.85 0.00	31.38 1.87 0.00	27.03 1.69 0.00	23.64 1.73 0.00	23.77 1.97 0.00	25.24 2.10 0.00	28.84 2.54 0.01	37.25 3.28 0.00	43.27 3.90 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.73 9.97 0.00	689.56 50.26 0.00	102.06 7.07 0.00	95.77 6.14 -3.72	73.60 3.56 -21.15	42.73 3.20 0.00	33.38 2.58 0.00
NYPA_HARLEM__RVR__GT2 24161	33.24 2.75 0.00	32.98 2.66 0.00	25.63 2.07 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.08 1.85 0.00	31.38 1.87 0.00	27.03 1.69 0.00	23.64 1.73 0.00	23.77 1.97 0.00	25.24 2.10 0.00	28.84 2.54 0.01	37.25 3.28 0.00	43.27 3.90 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.73 9.97 0.00	689.56 50.26 0.00	102.06 7.07 0.00	95.77 6.14 -3.72	73.60 3.56 -21.15	42.73 3.20 0.00	33.38 2.58 0.00
NYPA_KENT____GT 24152	33.48 2.98 0.00	33.19 2.87 0.00	25.75 2.19 0.00	29.35 2.23 0.00	28.03 2.12 0.00	28.22 2.00 0.00	31.58 2.08 0.00	27.15 1.81 0.00	23.72 1.82 0.00	23.84 2.04 0.00	30.56 2.20 -5.21	34.07 2.71 -5.07	37.76 3.53 -0.25	43.54 4.18 0.00	45.05 4.17 0.00	46.45 4.27 0.00	52.47 4.66 0.00	120.41 10.65 0.00	693.88 54.58 0.00	102.71 7.71 0.00	96.28 6.65 -3.72	73.92 3.88 -21.15	43.02 3.49 0.00	33.64 2.84 0.00
NYPA_POUCH1____GT 24155	33.45 2.95 0.00	33.15 2.83 0.00	25.71 2.16 0.00	29.31 2.19 0.00	27.98 2.07 0.00	28.18 1.95 0.00	31.54 2.03 0.00	27.11 1.76 0.00	23.68 1.77 0.00	23.79 1.98 0.00	34.13 2.12 -8.87	37.55 2.63 -8.62	37.84 3.43 -0.43	43.45 4.08 0.00	44.95 4.06 0.00	46.35 4.17 0.00	52.36 4.55 0.00	120.17 10.41 0.00	692.15 52.85 0.00	102.57 7.57 0.00	95.97 6.34 -3.72	73.75 3.71 -21.15	42.94 3.41 0.00	33.64 2.83 -0.01
NYPA_VERNON____GT2 24162	33.42 2.92 0.00	33.14 2.83 0.00	25.71 2.16 0.00	29.32 2.20 0.00	28.00 2.09 0.00	28.19 1.97 0.00	31.55 2.04 0.00	27.12 1.78 0.00	23.70 1.80 0.00	23.82 2.02 0.00	26.87 2.18 -1.55	30.49 2.68 -1.51	37.55 3.50 -0.08	43.49 4.13 0.00	45.00 4.11 0.00	46.39 4.22 0.00	52.41 4.60 0.00	120.28 10.52 0.00	693.46 54.16 0.00	102.63 7.63 0.00	96.28 6.64 -3.72	73.91 3.88 -21.15	42.95 3.42 0.00	33.56 2.76 0.00
NYPA_VERNON____GT3 24163	33.42 2.92 0.00	33.14 2.83 0.00	25.71 2.16 0.00	29.32 2.20 0.00	28.00 2.09 0.00	28.19 1.97 0.00	31.55 2.04 0.00	27.12 1.78 0.00	23.70 1.80 0.00	23.82 2.02 0.00	26.87 2.18 -1.55	30.49 2.68 -1.51	37.55 3.50 -0.08	43.49 4.13 0.00	45.00 4.11 0.00	46.39 4.22 0.00	52.41 4.60 0.00	120.28 10.52 0.00	693.46 54.16 0.00	102.63 7.63 0.00	96.28 6.64 -3.72	73.91 3.88 -21.15	42.95 3.42 0.00	33.56 2.76 0.00
NYPA____ASTORIA_CC1 323568	33.36 2.86 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.28 2.14 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.44 4.07 0.00	44.93 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.75 53.45 0.00	102.51 7.51 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.51 2.71 0.00
NYPA____ASTORIA_CC2 323569	33.36 2.86 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.27 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.49 1.99 0.00	27.08 1.74 0.00	23.66 1.76 0.00	23.79 1.98 0.00	25.28 2.14 0.00	28.94 2.64 0.00	37.41 3.44 0.00	43.44 4.07 0.00	44.93 4.05 0.00	46.34 4.16 0.00	52.35 4.54 0.00	120.14 10.38 0.00	692.75 53.45 0.00	102.51 7.51 0.00	96.18 6.54 -3.72	73.85 3.81 -21.15	42.91 3.38 0.00	33.51 2.71 0.00
NYPA____HOLTSVILL 23794	33.52 3.02 0.00	33.13 2.81 0.00	25.75 2.19 0.00	29.48 2.35 0.00	28.23 2.31 0.00	28.42 2.20 0.00	31.89 2.39 0.00	27.39 2.04 0.00	25.37 2.07 -1.40	23.99 2.19 0.00	67.26 2.46 -41.66	54.02 2.94 -24.77	39.83 3.76 -2.09	67.83 4.61 -23.85	65.31 4.39 -20.03	279.21 4.71 -232.32	268.81 5.08 -215.92	266.72 11.49 -145.46	746.51 59.07 -48.14	213.94 9.06 -109.88	165.93 7.78 -72.24	110.10 4.35 -56.87	73.97 3.83 -30.62	52.17 3.09 -18.28
NYPA____HELLGATE_GT1 24158	33.24 2.75 0.00	32.98 2.66 0.00	25.63 2.07 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.08 1.85 0.00	31.38 1.87 0.00	27.03 1.69 0.00	23.64 1.73 0.00	23.77 1.97 0.00	25.24 2.10 0.00	28.84 2.54 0.01	37.26 3.28 0.00	43.29 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.73 9.97 0.00	689.56 50.26 0.00	102.06 7.07 0.00	95.77 6.14 -3.72	73.59 3.56 -21.15	42.73 3.20 0.00	33.38 2.58 0.00
NYPA____HELLGATE_GT2 24159	33.24 2.75 0.00	32.98 2.66 0.00	25.63 2.07 0.00	29.18 2.05 0.00	27.88 1.97 0.00	28.08 1.85 0.00	31.38 1.87 0.00	27.03 1.69 0.00	23.64 1.73 0.00	23.77 1.97 0.00	25.24 2.10 0.00	28.84 2.54 0.01	37.26 3.28 0.00	43.29 3.92 0.00	44.79 3.91 0.00	46.21 4.03 0.00	52.21 4.40 0.00	119.73 9.97 0.00	689.56 50.26 0.00	102.06 7.07 0.00	95.77 6.14 -3.72	73.59 3.56 -21.15	42.73 3.20 0.00	33.38 2.58 0.00
NYS_BARGE____HYD 23848	29.41 -1.09 0.00	29.25 -1.07 0.00	22.80 -0.76 0.00	26.22 -0.90 0.00	25.06 -0.85 0.00	25.19 -1.04 0.00	28.06 -1.45 0.00	23.63 -1.72 0.00	20.80 -1.11 0.00	20.65 -1.15 0.00	22.08 -1.07 0.00	25.23 -1.07 0.00	32.75 -1.23 0.00	37.96 -1.41 0.00	39.36 -1.52 0.00	40.85 -1.32 0.00	46.52 -1.29 0.00	105.36 -4.40 0.00	614.87 -25.66 -1.23	90.81 -4.19 0.00	82.14 -3.77 0.00	46.88 -2.00 0.00	37.89 -1.64 0.00	29.99 -0.82 0.00
OAK ORCHARD____HYD 24046	30.19 -0.31 0.00	29.94 -0.38 0.00	23.28 -0.28 0.00	26.79 -0.34 0.00	25.56 -0.36 0.00	25.74 -0.48 0.00	28.76 -0.75 0.00	24.45 -0.89 0.00	21.39 -0.51 0.00	21.32 -0.49 0.00	22.77 -0.37 0.00	26.04 -0.26 0.00	33.78 -0.19 0.00	39.15 -0.21 0.00	40.67 -0.21 0.00	42.15 -0.02 0.00	47.97 0.16 0.00	109.57 -0.19 0.00	638.95 -0.35 0.00	94.43 -0.57 0.00	85.26 -0.66 0.00	48.46 -0.42 0.00	39.10 -0.42 0.00	30.66 -0.15 0.00

OAKDALE___35_KV_LOAD 356122	30.88 0.38 0.00	30.62 0.30 0.00	23.81 0.26 0.00	27.34 0.21 0.00	26.10 0.19 0.00	26.35 0.12 0.00	29.54 0.03 0.00	25.28 -0.07 0.00	22.04 0.13 0.00	21.99 0.18 0.00	23.41 0.26 0.00	26.98 0.51 -0.18	35.48 0.76 -0.74	40.96 0.79 -0.80	42.68 0.84 -0.95	43.03 0.85 0.00	50.17 0.96 -1.40	115.23 2.16 -3.31	656.45 11.58 -5.56	99.47 0.91 -3.57	91.47 1.14 -4.42	60.61 0.62 -11.10	41.15 0.52 -1.11	31.69 0.44 -0.45
OCC_CHEM___DRP 24175	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.83 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.06 0.00	20.48 -1.43 0.00	20.32 -1.49 0.00	21.72 -1.43 0.00	24.77 -1.53 0.00	32.13 -1.85 0.00	37.20 -2.17 0.00	38.58 -2.30 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.24 -42.83 4.23	88.18 -6.81 0.00	79.76 -6.15 0.00	45.48 -3.40 0.00	36.77 -2.76 0.00	29.15 -1.66 0.00
OH_GEN_PROXY 24063	29.10 -1.40 0.00	28.96 -1.36 0.00	22.58 -0.98 0.00	26.00 -1.13 0.00	24.84 -1.07 0.00	21.10 -1.25 3.88	21.36 -1.67 6.48	23.49 -1.85 0.00	20.65 -1.25 0.00	20.50 -1.30 0.00	21.91 -1.24 0.00	25.01 -1.29 0.00	32.44 -1.54 0.00	37.52 -1.85 0.00	38.89 -1.99 0.00	40.36 -1.82 0.00	45.91 -1.89 0.00	104.18 -5.58 0.00	606.20 -32.67 0.44	89.47 -5.52 0.00	80.89 -5.02 0.00	46.11 -2.77 0.00	37.29 -2.24 0.00	29.52 -1.29 0.00
OLIN_CORP_DRP 24177	28.91 -1.59 0.00	28.78 -1.54 0.00	22.45 -1.11 0.00	25.84 -1.29 0.00	24.70 -1.21 0.00	24.83 -1.40 0.00	27.65 -1.86 0.00	23.27 -2.07 0.00	20.47 -1.43 0.00	20.31 -1.49 0.00	21.71 -1.43 0.00	24.77 -1.53 0.00	32.14 -1.84 0.00	37.24 -2.13 0.00	38.63 -2.26 0.00	40.07 -2.11 0.00	45.60 -2.21 0.00	103.12 -6.64 0.00	601.00 -38.74 -0.44	88.86 -6.13 0.00	80.40 -5.51 0.00	45.94 -2.95 0.00	37.21 -2.32 0.00	29.46 -1.34 0.00
OLIN_CORP_DSASP 323712	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.82 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.07 0.00	20.48 -1.43 0.00	20.32 -1.48 0.00	21.71 -1.43 0.00	24.78 -1.52 0.00	32.13 -1.85 0.00	37.22 -2.15 0.00	38.56 -2.32 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.04 -43.03 4.23	88.19 -6.81 0.00	79.76 -6.15 0.00	45.50 -3.38 0.00	36.77 -2.76 0.00	29.17 -1.64 0.00
ONEIDA_HERK_LFGE 323681	30.73 0.24 0.00	30.34 0.02 0.00	23.56 0.00 0.00	27.08 -0.04 0.00	26.00 0.09 0.00	26.53 0.31 0.00	29.90 0.39 0.00	25.66 0.31 0.00	22.26 0.35 0.00	22.11 0.31 0.00	23.51 0.37 0.00	26.91 0.50 -0.11	35.15 0.74 -0.44	40.59 0.75 -0.48	42.18 0.72 -0.57	42.90 0.72 0.00	49.60 0.95 -0.84	114.42 2.67 -1.98	662.20 19.57 -3.33	100.60 3.47 -2.13	91.01 3.45 -1.66	51.78 1.86 -1.04	41.56 1.37 -0.66	31.99 0.91 -0.27
ONEIDA___115KV_TB4 55905	31.34 0.84 0.00	30.99 0.67 0.00	24.06 0.50 0.00	27.63 0.50 0.00	26.44 0.53 0.00	26.81 0.59 0.00	30.11 0.60 0.00	25.78 0.44 0.00	22.35 0.45 0.00	22.23 0.43 0.00	23.64 0.49 0.00	27.17 0.72 -0.15	35.65 1.07 -0.60	41.27 1.24 -0.66	42.88 1.22 -0.78	43.50 1.32 0.00	50.56 1.61 -1.15	116.47 4.00 -2.71	669.70 25.85 -4.56	102.07 4.15 -2.92	92.24 4.06 -2.27	52.47 2.16 -1.42	42.08 1.64 -0.90	32.31 1.14 -0.37
ONONDAGA_REF_OCCRA 23987	30.53 0.04 0.00	30.26 -0.06 0.00	23.49 -0.07 0.00	27.04 -0.09 0.00	25.79 -0.12 0.00	26.02 -0.20 0.00	29.18 -0.33 0.00	25.02 -0.32 0.00	21.76 -0.15 0.00	21.69 -0.12 0.00	23.08 -0.07 0.00	26.70 0.06 -0.34	35.53 0.18 -1.38	41.05 0.19 -1.50	42.93 0.27 -1.77	42.52 0.34 0.00	50.90 0.48 -2.61	117.12 1.19 -6.16	657.01 7.35 -10.36	102.45 0.82 -6.64	91.82 0.75 -5.16	52.47 0.35 -3.23	41.79 0.20 -2.06	31.75 0.11 -0.84
ONONDAGA___COGEN 23986	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.07 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.06 -9.16	661.17 6.48 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25
ONTARIO___LFGE 23819	30.80 0.30 0.00	30.49 0.17 0.00	23.69 0.13 0.00	27.23 0.11 0.00	25.94 0.03 0.00	26.13 -0.09 0.00	29.22 -0.28 0.00	25.01 -0.34 0.00	21.87 -0.03 0.00	21.77 -0.04 0.00	23.22 0.07 0.00	26.77 0.31 -0.16	35.10 0.45 -0.68	40.62 0.51 -0.74	42.39 0.63 -0.87	42.87 0.69 0.00	50.07 0.97 -1.29	115.12 2.33 -3.03	656.21 11.81 -5.10	100.06 1.79 -3.27	90.32 1.87 -2.54	51.37 0.89 -1.59	41.19 0.65 -1.01	31.75 0.53 -0.41
ORANGEVILLE_WT_PWR 323706	29.91 -0.58 0.00	29.70 -0.61 0.00	23.12 -0.43 0.00	26.58 -0.54 0.00	25.38 -0.53 0.00	25.55 -0.67 0.00	28.52 -0.99 0.00	24.20 -1.14 0.00	21.34 -0.57 0.00	21.26 -0.54 0.00	22.71 -0.44 0.00	26.02 -0.27 0.00	33.78 -0.20 0.00	39.07 -0.30 0.00	40.51 -0.38 0.00	41.90 -0.28 0.00	47.61 -0.20 0.00	108.59 -1.18 0.00	631.84 -7.77 -0.31	92.91 -2.08 0.00	84.32 -1.59 0.00	47.96 -0.92 0.00	38.79 -0.74 0.00	30.55 -0.25 0.00
ORANGEVILLE___ESR 323794	29.91 -0.58 0.00	29.70 -0.61 0.00	23.12 -0.43 0.00	26.58 -0.54 0.00	25.38 -0.53 0.00	25.55 -0.67 0.00	28.52 -0.99 0.00	24.20 -1.14 0.00	21.34 -0.57 0.00	21.26 -0.54 0.00	22.71 -0.44 0.00	26.02 -0.27 0.00	33.78 -0.20 0.00	39.07 -0.30 0.00	40.51 -0.38 0.00	41.90 -0.28 0.00	47.61 -0.20 0.00	108.59 -1.18 0.00	631.84 -7.77 -0.31	92.91 -2.08 0.00	84.32 -1.59 0.00	47.96 -0.92 0.00	38.79 -0.74 0.00	30.55 -0.25 0.00
OSWEGATCHIE___HYD 24044	29.28 -1.22 0.00	28.84 -1.48 0.00	22.36 -1.19 0.00	25.76 -1.36 0.00	24.79 -1.12 0.00	25.44 -0.78 0.00	28.84 -0.67 0.00	24.82 -0.53 0.00	21.45 -0.46 0.00	21.22 -0.58 0.00	22.54 -0.60 0.00	25.69 -0.77 -0.16	33.76 -0.89 -0.68	38.91 -1.19 -0.74	40.57 -1.19 -0.87	40.79 -1.39 0.00	47.85 -1.25 -1.29	110.44 -2.35 -3.03	636.09 -8.31 -5.10	98.28 0.01 -3.27	88.93 0.48 -2.54	50.64 0.16 -1.59	40.53 -0.01 -1.01	31.06 -0.16 -0.41
OSWEGO___5 23606	29.90 -0.60 0.00	29.65 -0.67 0.00	23.05 -0.51 0.00	26.53 -0.59 0.00	25.33 -0.58 0.00	25.60 -0.63 0.00	28.72 -0.79 0.00	24.62 -0.73 0.00	21.38 -0.53 0.00	21.28 -0.52 0.00	22.61 -0.54 0.00	27.86 -0.52 -2.09	41.93 -0.61 -8.56	47.94 -0.72 -9.30	51.15 -0.74 -11.00	41.45 -0.73 0.00	63.27 -0.78 -16.23	146.32 -1.77 -38.33	693.53 -10.18 -64.41	134.61 -1.66 -41.28	116.54 -1.46 -32.09	68.13 -0.86 -20.10	51.63 -0.70 -12.80	35.47 -0.55 -5.22
OSWEGO___6 23613	29.90 -0.60 0.00	29.65 -0.67 0.00	23.05 -0.51 0.00	26.53 -0.59 0.00	25.33 -0.58 0.00	25.60 -0.63 0.00	28.72 -0.79 0.00	24.62 -0.73 0.00	21.38 -0.53 0.00	21.28 -0.52 0.00	22.61 -0.54 0.00	27.86 -0.52 -2.09	41.93 -0.61 -8.56	47.94 -0.72 -9.30	51.15 -0.74 -11.00	41.45 -0.73 0.00	63.27 -0.78 -16.23	146.32 -1.77 -38.33	693.53 -10.18 -64.41	134.61 -1.66 -41.28	116.54 -1.46 -32.09	68.13 -0.86 -20.10	51.63 -0.70 -12.80	35.47 -0.55 -5.22

OUTOKUMPU-AB___DRP 24206	29.63 -0.87 0.00	29.47 -0.85 0.00	22.96 -0.60 0.00	26.41 -0.72 0.00	25.24 -0.67 0.00	25.37 -0.85 0.00	28.25 -1.25 0.00	23.83 -1.51 0.00	20.99 -0.92 0.00	20.86 -0.94 0.00	22.33 -0.82 0.00	25.52 -0.78 0.00	33.15 -0.83 0.00	38.38 -0.99 0.00	39.83 -1.05 0.00	41.34 -0.84 0.00	47.08 -0.73 0.00	106.65 -3.12 0.00	624.74 -19.30 -4.74	91.50 -3.50 0.00	82.75 -3.16 0.00	47.13 -1.75 0.00	38.07 -1.46 0.00	30.09 -0.71 0.00
OXBOW___BTM 323836	29.34 -1.16 0.00	29.19 -1.13 0.00	22.76 -0.80 0.00	26.18 -0.94 0.00	25.02 -0.89 0.00	25.15 -1.07 0.00	28.01 -1.50 0.00	23.61 -1.74 0.00	20.79 -1.12 0.00	20.65 -1.16 0.00	22.08 -1.06 0.00	25.23 -1.07 0.00	32.75 -1.23 0.00	37.94 -1.43 0.00	39.33 -1.56 0.00	40.84 -1.34 0.00	46.49 -1.32 0.00	105.23 -4.53 0.00	615.20 -28.82 -4.72	90.19 -4.81 0.00	81.56 -4.35 0.00	46.49 -2.40 0.00	37.54 -1.99 0.00	29.73 -1.08 0.00
OXBOW___ 24026	29.34 -1.15 0.00	29.19 -1.13 0.00	22.76 -0.80 0.00	26.18 -0.94 0.00	25.02 -0.89 0.00	25.15 -1.07 0.00	28.01 -1.49 0.00	23.61 -1.74 0.00	20.78 -1.12 0.00	20.64 -1.16 0.00	22.09 -1.06 0.00	25.22 -1.08 0.00	32.75 -1.23 0.00	37.92 -1.45 0.00	39.35 -1.54 0.00	40.84 -1.34 0.00	46.50 -1.32 0.00	105.19 -4.57 0.00	615.31 -28.71 -4.72	90.18 -4.81 0.00	81.53 -4.38 0.00	46.47 -2.41 0.00	37.54 -1.99 0.00	29.70 -1.11 0.00
OXY_CHEM_DSASP 323612	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.83 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.06 0.00	20.48 -1.43 0.00	20.32 -1.49 0.00	21.72 -1.43 0.00	24.77 -1.53 0.00	32.13 -1.85 0.00	37.20 -2.17 0.00	38.58 -2.30 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.24 -42.83 4.23	88.18 -6.81 0.00	79.76 -6.15 0.00	45.48 -3.40 0.00	36.77 -2.76 0.00	29.15 -1.66 0.00
OZONE_PARK_ESR 323760	33.80 3.30 0.00	33.53 3.21 0.00	25.99 2.43 0.00	29.65 2.52 0.00	28.30 2.39 0.00	28.50 2.27 0.00	31.89 2.38 0.00	27.39 2.05 0.00	23.95 2.05 0.00	24.07 2.26 0.00	25.60 2.45 0.00	29.32 3.02 0.00	37.93 3.95 0.00	44.09 4.72 0.00	45.64 4.76 0.00	47.04 4.86 0.00	53.17 5.36 0.00	122.12 12.35 0.00	704.54 65.23 0.00	104.16 9.16 0.00	97.72 8.09 -3.72	74.74 4.70 -21.15	43.57 4.04 0.00	34.00 3.20 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.83 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.06 0.00	20.48 -1.43 0.00	20.32 -1.49 0.00	21.72 -1.43 0.00	24.77 -1.53 0.00	32.13 -1.85 0.00	37.20 -2.17 0.00	38.58 -2.30 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.24 -42.83 4.23	88.18 -6.81 0.00	79.76 -6.15 0.00	45.48 -3.40 0.00	36.77 -2.76 0.00	29.15 -1.66 0.00
PACKARD___115KV_DUPONT_184 80571	28.90 -1.60 0.00	28.76 -1.56 0.00	22.44 -1.12 0.00	25.84 -1.28 0.00	24.69 -1.22 0.00	24.83 -1.40 0.00	27.65 -1.85 0.00	23.28 -2.06 0.00	20.48 -1.43 0.00	20.32 -1.49 0.00	21.72 -1.43 0.00	24.77 -1.53 0.00	32.13 -1.85 0.00	37.20 -2.17 0.00	38.58 -2.30 0.00	40.04 -2.14 0.00	45.56 -2.25 0.00	102.94 -6.82 0.00	592.24 -42.83 4.23	88.18 -6.81 0.00	79.76 -6.15 0.00	45.48 -3.40 0.00	36.77 -2.76 0.00	29.15 -1.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.23 2.73 0.00	32.96 2.65 0.00	25.60 2.05 0.00	29.17 2.04 0.00	27.87 1.96 0.00	28.06 1.84 0.00	31.37 1.87 0.00	27.01 1.66 0.00	23.59 1.68 0.00	23.71 1.91 0.00	25.16 2.01 0.00	28.81 2.51 0.00	37.26 3.28 0.00	43.32 3.96 0.00	44.86 3.98 0.00	46.29 4.11 0.00	52.29 4.48 0.00	119.86 10.10 0.00	691.45 52.15 0.00	102.37 7.38 0.00	96.08 6.45 -3.72	73.77 3.73 -21.15	42.81 3.28 0.00	33.40 2.60 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.56 3.06 0.00	33.29 2.97 0.00	25.84 2.29 0.00	29.44 2.32 0.00	28.12 2.20 0.00	28.32 2.10 0.00	31.66 2.15 0.00	27.23 1.88 0.00	23.81 1.91 0.00	23.92 2.11 0.00	25.39 2.24 0.00	29.08 2.78 0.00	37.59 3.61 0.00	43.71 4.34 0.00	45.28 4.40 0.00	46.74 4.57 0.00	52.84 5.03 0.00	121.16 11.39 0.00	699.86 60.55 0.00	103.52 8.53 0.00	97.05 7.42 -3.72	74.38 4.35 -21.15	43.28 3.75 0.00	33.77 2.96 0.00
PATROON___115KV_TB1 80586	31.76 1.27 0.00	31.55 1.23 0.00	24.68 1.12 0.00	28.34 1.22 0.00	27.10 1.19 0.00	27.38 1.16 0.00	30.65 1.14 0.00	26.27 0.93 0.00	22.68 0.77 0.00	22.49 0.69 0.00	23.83 0.68 0.00	27.16 0.86 0.00	35.11 1.13 0.00	40.85 1.48 0.00	42.42 1.54 0.00	43.77 1.59 0.00	49.58 1.77 0.00	114.02 4.26 0.00	664.68 25.38 0.00	98.71 3.72 0.00	116.86 3.33 -27.63	207.68 1.86 -156.93	41.02 1.49 0.00	31.90 1.10 0.00
PATTRSNVILLE___SOLAR 323815	32.10 1.60 0.00	31.83 1.51 0.00	24.71 1.16 0.00	28.40 1.28 0.00	27.13 1.22 0.00	27.45 1.23 0.00	30.72 1.22 0.00	26.22 0.87 0.00	22.58 0.68 0.00	22.50 0.70 0.00	23.87 0.72 0.00	27.23 0.93 0.00	35.18 1.20 0.00	40.88 1.52 0.00	42.45 1.56 0.00	43.80 1.62 0.00	49.68 1.87 0.00	114.37 4.61 0.00	668.78 29.47 0.00	99.95 4.96 0.00	134.61 4.69 -44.01	301.49 2.64 -249.96	41.64 2.11 0.00	32.38 1.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.98 -0.51 0.00	29.78 -0.54 0.00	23.18 -0.38 0.00	26.63 -0.49 0.00	25.45 -0.46 0.00	25.59 -0.64 0.00	28.55 -0.96 0.00	24.16 -1.18 0.00	21.30 -0.60 0.00	21.22 -0.58 0.00	22.70 -0.44 0.00	26.00 -0.30 0.00	33.81 -0.17 0.00	39.04 -0.33 0.00	40.50 -0.38 0.00	41.96 -0.22 0.00	47.74 -0.07 0.00	108.66 -1.10 0.00	632.40 -7.65 -0.75	92.96 -2.03 0.00	84.18 -1.73 0.00	47.86 -1.02 0.00	38.68 -0.84 0.00	30.49 -0.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.37 2.87 0.00	33.08 2.76 0.00	25.62 2.06 0.00	29.27 2.14 0.00	27.93 2.02 0.00	28.15 1.92 0.00	31.51 2.00 0.00	27.07 1.72 0.00	23.62 1.71 0.00	23.71 1.91 0.00	25.22 2.08 0.00	28.89 2.60 0.00	37.43 3.45 0.00	43.55 4.18 0.00	45.16 4.28 0.00	46.62 4.45 0.00	52.80 4.99 0.00	121.28 11.51 0.00	702.18 62.88 0.00	103.78 8.78 0.00	97.42 7.64 -3.87	75.23 4.35 -22.00	43.11 3.58 0.00	33.56 2.76 0.00
PEEKSKILL___ 23653	32.99 2.50 0.00	32.76 2.44 0.00	25.40 1.84 0.00	29.00 1.88 0.00	27.68 1.77 0.00	27.89 1.67 0.00	31.22 1.72 0.00	26.81 1.46 0.00	23.39 1.48 0.00	23.48 1.67 0.00	24.94 1.80 0.00	28.52 2.23 0.00	36.91 2.93 0.00	42.93 3.56 0.00	44.43 3.54 0.00	45.83 3.65 0.00	51.81 4.00 0.00	118.95 9.19 0.00	687.40 48.10 0.00	101.67 6.67 0.00	95.42 5.84 -3.67	73.20 3.45 -20.86	42.46 2.93 0.00	33.12 2.31 0.00
PGE MADISON___WINDPWR 24146	32.89 2.39 0.00	32.45 2.13 0.00	25.20 1.64 0.00	28.72 1.59 0.00	27.57 1.66 0.00	28.05 1.83 0.00	31.44 1.93 0.00	26.90 1.55 0.00	23.29 1.39 0.00	23.14 1.34 0.00	24.60 1.45 0.00	28.43 1.94 -0.19	37.36 2.59 -0.80	43.34 3.10 -0.86	45.15 3.24 -1.02	45.82 3.65 0.00	53.47 4.16 -1.51	123.31 9.99 -3.55	710.34 65.07 -5.97	108.56 9.73 -3.82	100.61 9.27 -5.43	69.83 5.13 -15.82	44.56 3.84 -1.19	34.05 2.76 -0.48

PIERCEFIELD___HYD 23852	28.84 -1.66 0.00	28.61 -1.71 0.00	22.16 -1.39 0.00	25.59 -1.54 0.00	24.53 -1.38 0.00	24.99 -1.24 0.00	28.35 -1.15 0.00	24.53 -0.81 0.00	21.11 -0.79 0.00	20.91 -0.89 0.00	22.21 -0.93 0.00	25.10 -1.29 -0.08	32.63 -1.69 -0.34	37.66 -2.08 -0.37	39.17 -2.15 -0.44	39.91 -2.27 0.00	46.03 -2.43 -0.65	106.14 -5.15 -1.53	614.74 -27.13 -2.57	93.54 -3.10 -1.65	84.59 -2.60 -1.28	48.02 -1.66 -0.80	38.63 -1.41 -0.51	29.83 -1.19 -0.21
PINELAWN_CC_1 323563	33.64 3.14 0.00	33.27 2.95 0.00	25.83 2.27 0.00	29.54 2.42 0.00	28.26 2.35 0.00	28.45 2.23 0.00	31.89 2.38 0.00	27.38 2.04 0.00	25.34 2.04 -1.40	23.97 2.16 0.00	42.00 2.24 -16.62	40.44 2.65 -11.48	39.46 3.39 -2.09	45.52 4.05 -2.10	46.10 3.82 -1.39	75.23 4.15 -28.90	74.62 4.51 -22.30	129.00 10.13 -9.11	694.72 52.56 -2.86	130.50 7.96 -27.54	103.33 6.85 -10.56	105.01 4.00 -52.13	61.81 3.60 -18.69	52.26 3.17 -18.29
PJM_GEN_HTTP_PROXY 323702	33.29 2.80 0.00	33.04 2.72 0.00	25.62 2.07 0.00	29.24 2.11 0.00	27.91 2.00 0.00	28.11 1.88 0.00	31.45 1.94 0.00	27.03 1.68 0.00	23.62 1.71 0.00	23.72 1.91 0.00	25.22 2.07 0.00	28.86 2.57 0.00	37.33 3.35 0.00	43.20 4.02 0.18	44.92 4.03 0.00	46.28 4.10 0.00	52.30 4.50 0.00	120.07 10.31 0.00	692.65 53.35 0.00	102.42 7.42 0.00	96.13 6.49 -3.72	73.85 3.81 -21.15	42.84 3.31 0.00	33.75 2.64 -0.31
PJM_GEN_KEystone 24065	31.38 0.88 0.00	31.18 0.86 0.00	24.22 0.66 0.00	27.69 0.56 0.00	26.43 0.51 0.00	26.61 0.39 0.00	29.77 0.26 0.00	25.45 0.11 0.00	22.31 0.40 0.00	22.35 0.55 0.00	23.79 0.64 0.00	27.27 0.97 0.00	35.33 1.35 0.00	40.75 1.57 0.18	42.06 1.47 0.30	43.29 1.48 0.36	48.70 1.60 0.71	112.46 3.37 0.67	664.75 15.59 -9.86	89.33 1.37 7.04	89.29 1.34 -2.03	62.54 0.86 -12.80	40.06 0.80 0.27	31.89 0.78 -0.31
PJM_GEN_NEPTUNE_PROXY 323594	33.29 2.79 0.00	32.96 2.64 0.00	25.59 2.04 0.00	29.26 2.14 0.00	27.97 2.06 0.00	28.17 1.94 0.00	31.56 2.05 0.00	27.09 1.74 0.00	24.74 1.76 -1.07	23.71 1.91 0.00	34.11 2.13 -8.84	34.53 2.62 -5.61	38.50 3.41 -1.12	43.56 4.10 -0.08	44.89 3.96 -0.05	54.49 4.23 -8.08	57.42 4.54 -5.08	119.96 10.20 0.00	692.20 52.90 0.00	119.92 7.80 -17.13	98.30 6.74 -5.65	97.33 3.81 -44.64	56.61 3.42 -13.65	43.63 2.75 -10.08
PJM_GEN_VFT_PROXY 323633	33.22 2.72 0.00	32.98 2.66 0.00	25.59 2.03 0.00	29.18 2.06 0.00	27.85 1.94 0.00	28.05 1.83 0.00	31.39 1.89 0.00	26.97 1.62 0.00	23.55 1.65 0.00	23.68 1.88 0.00	25.18 2.03 0.00	28.84 2.54 0.00	37.27 3.29 0.00	43.09 3.91 0.18	40.48 3.85 4.25	40.86 3.89 5.20	41.88 4.22 10.15	109.76 9.63 9.63	663.56 49.64 25.38	101.16 6.92 0.76	91.41 6.00 0.51	66.13 3.52 -13.73	38.85 3.12 3.80	33.63 2.52 -0.31
PLATSBURG_115KV_PMLD1 355749	30.46 -0.04 0.00	30.14 -0.18 0.00	23.12 -0.44 0.00	26.71 -0.41 0.00	25.52 -0.39 0.00	25.92 -0.30 0.00	29.42 -0.09 0.00	25.59 0.24 0.00	22.10 0.19 0.00	21.86 0.06 0.00	23.23 0.08 0.00	26.29 -0.01 0.00	33.78 -0.20 0.00	39.22 -0.15 0.00	40.73 -0.15 0.00	42.03 -0.15 0.00	47.73 -0.08 0.00	109.43 -0.34 0.00	639.59 0.29 0.00	95.67 0.67 0.00	86.64 0.73 0.00	49.32 0.44 0.00	39.60 0.07 0.00	30.63 -0.17 0.00
PLEASANTVLY___LBMP 24000	32.67 2.17 0.00	32.43 2.11 0.00	25.15 1.60 0.00	28.77 1.65 0.00	27.47 1.57 0.00	27.71 1.48 0.00	31.02 1.52 0.00	26.64 1.29 0.00	23.18 1.28 0.00	23.22 1.41 0.00	24.64 1.49 0.00	28.17 1.88 0.00	36.44 2.46 0.00	42.37 3.00 0.00	43.90 3.02 0.00	45.28 3.10 0.00	51.24 3.43 0.00	117.68 7.92 0.00	681.69 42.39 0.00	100.98 5.98 0.00	95.13 5.25 -3.98	74.53 3.06 -22.58	42.14 2.61 0.00	32.83 2.03 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.09 2.59 0.00	32.84 2.52 0.00	25.46 1.91 0.00	29.09 1.97 0.00	27.76 1.85 0.00	27.99 1.76 0.00	31.32 1.82 0.00	26.90 1.55 0.00	23.46 1.55 0.00	23.54 1.74 0.00	25.01 1.86 0.00	28.62 2.32 0.00	37.02 3.04 0.00	43.05 3.68 0.00	44.58 3.70 0.00	46.00 3.82 0.00	52.01 4.20 0.00	119.46 9.70 0.00	690.67 51.37 0.00	102.17 7.17 0.00	95.95 6.29 -3.76	73.87 3.65 -21.33	42.64 3.12 0.00	33.26 2.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.09 2.59 0.00	32.84 2.52 0.00	25.46 1.91 0.00	29.09 1.97 0.00	27.76 1.85 0.00	27.99 1.76 0.00	31.32 1.82 0.00	26.90 1.55 0.00	23.46 1.55 0.00	23.54 1.74 0.00	25.01 1.86 0.00	28.62 2.32 0.00	37.02 3.04 0.00	43.05 3.68 0.00	44.58 3.70 0.00	46.00 3.82 0.00	52.01 4.20 0.00	119.46 9.70 0.00	690.67 51.37 0.00	102.17 7.17 0.00	95.95 6.29 -3.76	73.87 3.65 -21.33	42.64 3.12 0.00	33.26 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.03 2.53 0.00	32.76 2.44 0.00	25.37 1.81 0.00	29.01 1.88 0.00	27.68 1.77 0.00	27.91 1.69 0.00	31.26 1.75 0.00	26.85 1.50 0.00	23.38 1.47 0.00	23.44 1.64 0.00	24.90 1.75 0.00	28.50 2.20 0.00	36.89 2.91 0.00	42.94 3.56 0.00	44.54 3.66 0.00	45.98 3.80 0.00	52.12 4.30 0.00	119.79 10.03 0.00	694.53 55.23 0.00	102.75 7.75 0.00	96.90 6.74 -4.25	76.90 3.86 -24.15	42.72 3.19 0.00	33.23 2.43 0.00
POLETTI_____ 23519	33.31 2.82 0.00	33.05 2.73 0.00	25.65 2.09 0.00	29.24 2.11 0.00	27.92 2.01 0.00	28.11 1.89 0.00	31.46 1.96 0.00	27.03 1.69 0.00	23.64 1.73 0.00	23.74 1.94 0.00	25.23 2.09 0.00	28.88 2.58 0.00	37.33 3.35 0.00	43.38 4.01 0.00	44.90 4.02 0.00	46.27 4.09 0.00	52.27 4.46 0.00	120.01 10.25 0.00	692.25 52.95 0.00	102.36 7.36 0.00	96.06 6.42 -3.72	73.80 3.77 -21.15	42.83 3.30 0.00	33.44 2.64 0.00
POMONA___ESR 323819	33.00 2.50 0.00	32.80 2.48 0.00	25.43 1.87 0.00	29.02 1.90 0.00	27.68 1.77 0.00	27.89 1.67 0.00	31.21 1.70 0.00	26.80 1.45 0.00	23.38 1.47 0.00	23.48 1.68 0.00	24.95 1.80 0.00	28.53 2.23 0.00	36.91 2.93 0.00	42.98 3.61 0.00	44.48 3.60 0.00	45.87 3.69 0.00	51.87 4.06 0.00	118.97 9.21 0.00	687.34 48.04 0.00	101.56 6.57 0.00	95.24 5.79 -3.54	72.45 3.45 -20.11	42.42 2.88 0.00	33.07 2.27 0.00
PORT_JEFF_3 23555	33.56 3.06 0.00	33.16 2.84 0.00	25.77 2.21 0.00	29.50 2.37 0.00	28.24 2.33 0.00	28.43 2.21 0.00	31.90 2.40 0.00	27.40 2.06 0.00	25.39 2.09 -1.40	24.02 2.21 0.00	68.44 2.48 -42.81	54.64 2.96 -25.39	39.81 3.74 -2.09	68.75 4.53 -24.85	66.45 4.30 -21.27	289.74 4.55 -243.02	284.66 4.81 -232.04	277.91 10.81 -157.34	747.06 54.61 -53.15	222.46 8.50 -118.96	170.29 7.29 -77.09	110.04 4.06 -57.09	74.41 3.72 -31.17	52.12 3.03 -18.28
PORT_JEFF_4 23616	33.56 3.06 0.00	33.16 2.84 0.00	25.77 2.21 0.00	29.50 2.37 0.00	28.24 2.33 0.00	28.43 2.21 0.00	31.90 2.40 0.00	27.40 2.06 0.00	25.39 2.09 -1.40	24.02 2.21 0.00	68.44 2.48 -42.81	54.64 2.96 -25.39	39.81 3.74 -2.09	68.75 4.53 -24.85	66.45 4.30 -21.27	289.74 4.55 -243.02	284.66 4.81 -232.04	277.91 10.81 -157.34	747.06 54.61 -53.15	222.46 8.50 -118.96	170.29 7.29 -77.09	110.04 4.06 -57.09	74.41 3.72 -31.17	52.12 3.03 -18.28

PORT_JEFF_IC 23713	33.63 3.13 0.00	33.22 2.90 0.00	25.81 2.25 0.00	29.54 2.42 0.00	28.28 2.37 0.00	28.48 2.26 0.00	31.95 2.45 0.00	27.45 2.10 0.00	25.44 2.14 -1.39	24.08 2.27 0.00	72.78 2.55 -47.09	57.01 3.05 -27.66	39.89 3.82 -2.09	72.53 4.59 -28.58	71.07 4.44 -25.74	329.20 4.76 -282.27	342.38 5.05 -289.51	320.78 11.40 -199.62	767.88 57.78 -70.80	254.90 8.94 -150.96	188.06 7.70 -94.45	110.96 4.18 -57.90	76.65 3.91 -33.21	52.22 3.14 -18.27
PPL PILGRIM_ST_GT1 24216	33.73 3.23 0.00	33.36 3.04 0.00	25.92 2.37 0.00	29.68 2.56 0.00	28.40 2.49 0.00	28.59 2.36 0.00	32.06 2.55 0.00	27.53 2.19 0.00	25.47 2.17 -1.40	24.08 2.28 0.00	46.20 2.51 -20.54	42.85 2.99 -13.56	39.86 3.79 -2.09	49.53 4.66 -5.50	49.36 4.28 -4.19	107.09 4.58 -60.33	103.19 4.97 -50.42	149.71 11.19 -28.75	706.75 58.39 -9.06	142.73 8.91 -38.82	113.15 7.63 -19.61	106.00 4.23 -52.88	63.80 3.72 -20.55	52.32 3.23 -18.28
PPL PILGRIM_ST_GT2 24217	33.73 3.23 0.00	33.36 3.04 0.00	25.92 2.37 0.00	29.68 2.56 0.00	28.40 2.49 0.00	28.59 2.36 0.00	32.06 2.55 0.00	27.53 2.19 0.00	25.47 2.17 -1.40	24.08 2.28 0.00	46.20 2.51 -20.54	42.85 2.99 -13.56	39.86 3.79 -2.09	49.53 4.66 -5.50	49.36 4.28 -4.19	107.09 4.58 -60.33	103.19 4.97 -50.42	149.71 11.19 -28.75	706.75 58.39 -9.06	142.73 8.91 -38.82	113.15 7.63 -19.61	106.00 4.23 -52.88	63.80 3.72 -20.55	52.32 3.23 -18.28
PPL_SHRM_GT3 24213	33.49 2.99 0.00	33.06 2.74 0.00	25.68 2.12 0.00	29.40 2.27 0.00	28.18 2.27 0.00	28.40 2.18 0.00	31.90 2.39 0.00	27.40 2.06 0.00	25.43 2.13 -1.40	24.07 2.26 0.00	69.15 2.59 -43.41	55.12 3.12 -25.70	40.04 3.96 -2.09	69.68 4.94 -25.37	67.61 4.72 -22.01	296.20 5.13 -248.89	295.74 5.62 -242.31	287.62 12.86 -165.00	762.87 67.03 -56.53	230.26 10.17 -125.09	174.72 8.66 -80.14	110.97 4.88 -57.20	75.14 4.16 -31.45	52.34 3.26 -18.28
PPL_SHRM_GT4 24214	33.49 2.99 0.00	33.06 2.74 0.00	25.68 2.12 0.00	29.40 2.27 0.00	28.18 2.27 0.00	28.40 2.18 0.00	31.90 2.39 0.00	27.40 2.06 0.00	25.43 2.13 -1.40	24.07 2.26 0.00	69.15 2.59 -43.41	55.12 3.12 -25.70	40.04 3.96 -2.09	69.68 4.94 -25.37	67.61 4.72 -22.01	296.20 5.13 -248.89	295.74 5.62 -242.31	287.62 12.86 -165.00	762.87 67.03 -56.53	230.26 10.17 -125.09	174.72 8.66 -80.14	110.97 4.88 -57.20	75.14 4.16 -31.45	52.34 3.26 -18.28
PROJECT___ORANGE 1 24174	30.40 -0.09 0.00	30.14 -0.18 0.00	23.41 -0.15 0.00	26.94 -0.18 0.00	25.71 -0.20 0.00	25.94 -0.28 0.00	29.09 -0.42 0.00	24.93 -0.42 0.00	21.68 -0.23 0.00	21.59 -0.20 0.00	22.97 -0.17 0.00	26.51 -0.06 -0.27	35.11 0.02 -1.11	40.58 0.00 -1.21	42.39 0.07 -1.43	42.31 0.13 0.00	50.15 0.23 -2.11	115.32 0.57 -4.98	651.39 3.71 -8.38	100.62 0.26 -5.37	90.34 0.26 -4.17	51.60 0.10 -2.61	41.20 0.01 -1.67	31.46 -0.02 -0.68
PROJECT___ORANGE 2 24166	30.40 -0.09 0.00	30.14 -0.18 0.00	23.41 -0.15 0.00	26.94 -0.18 0.00	25.71 -0.20 0.00	25.94 -0.28 0.00	29.09 -0.42 0.00	24.93 -0.42 0.00	21.68 -0.23 0.00	21.59 -0.20 0.00	22.97 -0.17 0.00	26.51 -0.06 -0.27	35.11 0.02 -1.11	40.58 0.00 -1.21	42.39 0.07 -1.43	42.31 0.13 0.00	50.15 0.23 -2.11	115.32 0.57 -4.98	651.39 3.71 -8.38	100.62 0.26 -5.37	90.34 0.26 -4.17	51.60 0.10 -2.61	41.20 0.01 -1.67	31.46 -0.02 -0.68
PUCKETT___SOLAR 323809	31.38 0.89 0.00	31.11 0.79 0.00	24.19 0.63 0.00	27.71 0.59 0.00	26.49 0.58 0.00	26.79 0.57 0.00	30.02 0.51 0.00	25.66 0.32 0.00	22.30 0.39 0.00	22.19 0.39 0.00	23.62 0.47 0.00	27.22 0.74 -0.18	35.75 1.04 -0.73	41.34 1.18 -0.79	43.07 1.25 -0.94	43.58 1.40 0.00	50.83 1.64 -1.38	117.10 4.08 -3.27	669.52 24.73 -5.49	101.62 3.11 -3.52	93.89 3.21 -4.77	63.95 1.77 -13.30	42.00 1.38 -1.09	32.29 1.04 -0.45
PYRITES___HYD 24023	29.45 -1.05 0.00	29.23 -1.09 0.00	22.65 -0.90 0.00	26.12 -1.01 0.00	25.05 -0.86 0.00	25.53 -0.70 0.00	28.95 -0.56 0.00	24.99 -0.36 0.00	21.43 -0.47 0.00	21.22 -0.59 0.00	22.51 -0.63 0.00	25.36 -1.02 -0.07	32.90 -1.40 -0.31	37.95 -1.76 -0.34	39.46 -1.83 -0.40	40.25 -1.93 0.00	46.38 -2.02 -0.60	107.41 -3.76 -1.41	622.89 -18.77 -2.36	95.03 -1.48 -1.52	86.29 -0.80 -1.18	49.07 -0.55 -0.74	39.39 -0.61 -0.47	30.42 -0.58 -0.19
QUAKERRD_115KV_BK1 80622	29.62 -0.87 0.00	29.37 -0.95 0.00	22.84 -0.72 0.00	26.28 -0.84 0.00	25.08 -0.84 0.00	25.28 -0.95 0.00	28.25 -1.26 0.00	24.07 -1.27 0.00	21.03 -0.87 0.00	20.96 -0.84 0.00	22.38 -0.77 0.00	25.55 -0.74 0.00	33.13 -0.84 0.00	38.40 -0.97 0.00	39.94 -0.94 0.00	41.36 -0.82 0.00	47.06 -0.75 0.00	107.61 -2.15 0.00	627.39 -11.91 0.00	92.86 -2.14 0.00	83.83 -2.08 0.00	47.60 -1.28 0.00	38.41 -1.12 0.00	30.05 -0.75 0.00
QUENSBRY_115KV_TB8 356137	33.08 2.58 0.00	32.69 2.37 0.00	25.14 1.58 0.00	28.92 1.80 0.00	27.74 1.83 0.00	28.06 1.84 0.00	31.44 1.93 0.00	27.01 1.66 0.00	23.17 1.27 0.00	23.05 1.25 0.00	24.35 1.20 0.00	27.87 1.57 0.00	36.02 2.04 0.00	41.84 2.47 0.00	43.59 2.71 0.00	44.94 2.76 0.00	51.35 3.54 0.00	118.78 9.01 0.00	698.62 59.31 0.00	103.96 8.96 0.00	135.84 8.00 -41.92	291.41 4.37 -238.15	42.82 3.29 0.00	33.11 2.31 0.00
RAMAPO___LBMP 323565	32.83 2.34 0.00	32.62 2.30 0.00	25.30 1.74 0.00	28.88 1.75 0.00	27.55 1.64 0.00	27.76 1.54 0.00	31.07 1.56 0.00	26.67 1.33 0.00	23.26 1.36 0.00	23.36 1.56 0.00	24.80 1.66 0.00	28.38 2.08 0.00	36.72 2.74 0.00	42.75 3.38 0.00	44.22 3.33 0.00	45.58 3.40 0.00	51.54 3.73 0.00	118.21 8.45 0.00	683.30 44.00 0.00	101.04 6.04 0.00	94.74 5.31 -3.52	72.06 3.18 -20.00	42.20 2.67 0.00	32.91 2.11 0.00
RANKINE___ 23646	29.86 -0.64 0.00	29.68 -0.64 0.00	23.12 -0.44 0.00	26.58 -0.55 0.00	25.39 -0.51 0.00	25.55 -0.67 0.00	28.48 -1.02 0.00	24.09 -1.26 0.00	21.22 -0.69 0.00	21.12 -0.69 0.00	22.60 -0.54 0.00	25.86 -0.43 0.00	33.61 -0.37 0.00	38.83 -0.53 0.00	40.32 -0.57 0.00	41.78 -0.40 0.00	47.54 -0.27 0.00	108.11 -1.66 0.00	630.21 -9.99 -0.90	92.59 -2.40 0.00	83.83 -2.08 0.00	47.69 -1.20 0.00	38.54 -0.99 0.00	30.42 -0.39 0.00
RAVENSWOOD_GT2_1 24244	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.93 0.00	31.50 2.00 0.00	27.07 1.73 0.00	23.65 1.75 0.00	23.76 1.96 0.00	25.25 2.11 0.00	28.91 2.62 0.00	37.39 3.41 0.00	43.44 4.07 0.00	44.96 4.07 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.18 10.42 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.29 6.66 -3.72	73.92 3.88 -21.15	42.91 3.39 0.00	33.51 2.71 0.00
RAVENSWOOD_GT2_2 24245	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.15 1.93 0.00	31.50 2.00 0.00	27.07 1.73 0.00	23.65 1.75 0.00	23.76 1.96 0.00	25.25 2.11 0.00	28.91 2.62 0.00	37.39 3.41 0.00	43.44 4.07 0.00	44.96 4.07 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.18 10.42 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.29 6.66 -3.72	73.92 3.88 -21.15	42.91 3.39 0.00	33.51 2.71 0.00

RAVENSWOOD_GT2_3 24246	33.37 2.87 0.00	33.12 2.80 0.00	25.68 2.13 0.00	29.30 2.17 0.00	27.98 2.06 0.00	28.17 1.95 0.00	31.53 2.02 0.00	27.09 1.74 0.00	23.67 1.76 0.00	23.78 1.98 0.00	25.27 2.12 0.00	28.93 2.63 0.00	37.42 3.44 0.00	43.46 4.10 0.00	44.98 4.10 0.00	46.38 4.20 0.00	52.40 4.59 0.00	120.27 10.51 0.00	694.18 54.88 0.00	102.69 7.69 0.00	96.37 6.73 -3.72	73.95 3.92 -21.15	42.94 3.42 0.00	33.53 2.73 0.00
RAVENSWOOD_GT2_4 24247	33.37 2.87 0.00	33.12 2.80 0.00	25.68 2.13 0.00	29.30 2.17 0.00	27.98 2.06 0.00	28.17 1.95 0.00	31.53 2.02 0.00	27.09 1.74 0.00	23.67 1.76 0.00	23.78 1.98 0.00	25.27 2.12 0.00	28.93 2.63 0.00	37.42 3.44 0.00	43.46 4.10 0.00	44.98 4.10 0.00	46.38 4.20 0.00	52.40 4.59 0.00	120.27 10.51 0.00	694.18 54.88 0.00	102.69 7.69 0.00	96.37 6.73 -3.72	73.95 3.92 -21.15	42.94 3.42 0.00	33.53 2.73 0.00
RAVENSWOOD_GT3_1 24248	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.50 2.00 0.00	27.07 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.25 2.11 0.00	28.92 2.62 0.00	37.39 3.41 0.00	43.44 4.07 0.00	44.96 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.18 10.42 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.30 6.67 -3.72	73.92 3.89 -21.15	42.91 3.39 0.00	33.51 2.71 0.00
RAVENSWOOD_GT3_2 24249	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.50 2.00 0.00	27.07 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.25 2.11 0.00	28.92 2.62 0.00	37.39 3.41 0.00	43.44 4.07 0.00	44.96 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.18 10.42 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.30 6.67 -3.72	73.92 3.89 -21.15	42.91 3.39 0.00	33.51 2.71 0.00
RAVENSWOOD_GT3_3 24250	33.42 2.93 0.00	33.16 2.84 0.00	25.72 2.16 0.00	29.34 2.22 0.00	28.01 2.10 0.00	28.21 1.99 0.00	31.57 2.07 0.00	27.13 1.78 0.00	23.70 1.80 0.00	23.81 2.01 0.00	25.31 2.16 0.00	28.98 2.68 0.00	37.47 3.50 0.00	43.54 4.17 0.00	45.06 4.18 0.00	46.45 4.27 0.00	52.49 4.68 0.00	120.48 10.72 0.00	695.31 56.02 0.00	102.85 7.85 0.00	96.50 6.86 -3.72	74.05 4.01 -21.15	43.02 3.49 0.00	33.58 2.78 0.00
RAVENSWOOD_GT3_4 24251	33.42 2.93 0.00	33.16 2.84 0.00	25.72 2.16 0.00	29.34 2.22 0.00	28.01 2.10 0.00	28.21 1.99 0.00	31.57 2.07 0.00	27.13 1.78 0.00	23.70 1.80 0.00	23.81 2.01 0.00	25.31 2.16 0.00	28.98 2.68 0.00	37.47 3.50 0.00	43.54 4.17 0.00	45.06 4.18 0.00	46.45 4.27 0.00	52.49 4.68 0.00	120.48 10.72 0.00	695.31 56.02 0.00	102.85 7.85 0.00	96.50 6.86 -3.72	74.05 4.01 -21.15	43.02 3.49 0.00	33.58 2.78 0.00
RAVENSWOOD_GT_1 23729	33.42 2.92 0.00	33.14 2.83 0.00	25.71 2.16 0.00	29.32 2.20 0.00	28.00 2.09 0.00	28.19 1.97 0.00	31.55 2.04 0.00	27.12 1.78 0.00	23.70 1.80 0.00	23.82 2.02 0.00	26.86 2.16 -1.55	30.49 2.69 -1.51	37.55 3.50 -0.08	43.50 4.13 0.00	45.00 4.11 0.00	46.40 4.22 0.00	52.41 4.60 0.00	120.28 10.51 0.00	693.61 54.31 0.00	102.63 7.63 0.00	96.28 6.65 -3.72	73.91 3.88 -21.15	42.95 3.42 0.00	33.57 2.76 0.00
RAVENSWOOD_GT_10 24258	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.29 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.43 2.11 -0.18	29.08 2.61 -0.18	37.40 3.41 -0.01	43.44 4.07 0.00	44.97 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.21 10.44 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.31 6.67 -3.72	73.92 3.89 -21.15	42.91 3.39 0.00	33.51 2.71 0.00
RAVENSWOOD_GT_11 24259	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.29 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.43 2.11 -0.18	29.08 2.61 -0.18	37.40 3.41 -0.01	43.44 4.07 0.00	44.97 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.21 10.44 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.31 6.67 -3.72	73.92 3.89 -21.15	42.91 3.39 0.00	33.51 2.71 0.00
RAVENSWOOD_GT_4 24252	33.34 2.84 0.00	33.09 2.77 0.00	25.66 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.65 1.74 0.00	23.76 1.96 0.00	26.43 2.10 -1.18	30.05 2.60 -1.15	37.43 3.40 -0.06	43.43 4.06 0.00	44.96 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.22 10.46 0.00	693.96 54.66 0.00	102.61 7.62 0.00	96.32 6.68 -3.72	73.94 3.91 -21.15	42.91 3.38 0.00	33.51 2.70 0.00
RAVENSWOOD_GT_5 24254	33.34 2.84 0.00	33.09 2.77 0.00	25.66 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.65 1.74 0.00	23.76 1.96 0.00	26.43 2.10 -1.18	30.05 2.60 -1.15	37.43 3.40 -0.06	43.43 4.06 0.00	44.96 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.22 10.46 0.00	693.96 54.66 0.00	102.61 7.62 0.00	96.32 6.68 -3.72	73.94 3.91 -21.15	42.91 3.38 0.00	33.51 2.70 0.00
RAVENSWOOD_GT_6 24253	33.34 2.84 0.00	33.09 2.77 0.00	25.66 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.65 1.74 0.00	23.76 1.96 0.00	26.43 2.10 -1.18	30.05 2.60 -1.15	37.43 3.40 -0.06	43.43 4.06 0.00	44.96 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.22 10.46 0.00	693.96 54.66 0.00	102.61 7.62 0.00	96.32 6.68 -3.72	73.94 3.91 -21.15	42.91 3.38 0.00	33.51 2.70 0.00
RAVENSWOOD_GT_7 24255	33.34 2.84 0.00	33.09 2.77 0.00	25.66 2.11 0.00	29.28 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.65 1.74 0.00	23.76 1.96 0.00	26.43 2.10 -1.18	30.05 2.60 -1.15	37.43 3.40 -0.06	43.43 4.06 0.00	44.96 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.22 10.46 0.00	693.96 54.66 0.00	102.61 7.62 0.00	96.32 6.68 -3.72	73.94 3.91 -21.15	42.91 3.38 0.00	33.51 2.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.29 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.43 2.11 -0.18	29.08 2.61 -0.18	37.40 3.41 -0.01	43.44 4.07 0.00	44.97 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.21 10.44 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.31 6.67 -3.72	73.92 3.89 -21.15	42.91 3.39 0.00	33.51 2.71 0.00
RAVENSWOOD_GT_9 24257	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.29 2.16 0.00	27.95 2.04 0.00	28.16 1.93 0.00	31.51 2.00 0.00	27.07 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.43 2.11 -0.18	29.08 2.61 -0.18	37.40 3.41 -0.01	43.44 4.07 0.00	44.97 4.08 0.00	46.35 4.17 0.00	52.37 4.55 0.00	120.21 10.44 0.00	693.62 54.31 0.00	102.61 7.61 0.00	96.31 6.67 -3.72	73.92 3.89 -21.15	42.91 3.39 0.00	33.51 2.71 0.00

RAVENSWOOD___1 23533	33.40 2.90 0.00	33.12 2.81 0.00	25.70 2.14 0.00	29.31 2.18 0.00	27.98 2.07 0.00	28.18 1.96 0.00	31.53 2.02 0.00	27.11 1.76 0.00	23.69 1.78 0.00	23.81 2.00 0.00	25.31 2.16 0.00	28.97 2.67 0.00	37.46 3.48 0.00	43.49 4.12 0.00	44.99 4.10 0.00	46.38 4.20 0.00	52.40 4.59 0.00	120.26 10.50 0.00	693.38 54.08 0.00	102.61 7.61 0.00	96.23 6.60 -3.72	73.90 3.86 -21.15	42.95 3.42 0.00	33.54 2.74 0.00
RAVENSWOOD___2 23534	33.38 2.89 0.00	33.11 2.79 0.00	25.69 2.13 0.00	29.29 2.17 0.00	27.97 2.06 0.00	28.17 1.94 0.00	31.52 2.01 0.00	27.09 1.75 0.00	23.67 1.77 0.00	23.79 1.99 0.00	23.77 2.15 1.53	27.47 2.66 1.49	37.37 3.46 0.08	43.47 4.10 0.00	44.97 4.09 0.00	46.37 4.19 0.00	52.40 4.59 0.00	120.25 10.48 0.00	693.16 53.86 0.00	102.59 7.59 0.00	96.23 6.59 -3.72	73.88 3.84 -21.15	42.94 3.41 0.00	33.52 2.72 0.00
RAVENSWOOD___3 23535	33.35 2.85 0.00	33.09 2.77 0.00	25.67 2.11 0.00	29.29 2.16 0.00	27.96 2.04 0.00	28.16 1.94 0.00	31.51 2.00 0.00	27.08 1.73 0.00	23.66 1.75 0.00	23.76 1.96 0.00	25.27 2.12 0.00	28.92 2.62 0.00	37.39 3.41 0.00	43.44 4.07 0.00	44.97 4.09 0.00	46.35 4.17 0.00	52.37 4.56 0.00	120.23 10.46 0.00	693.67 54.37 0.00	102.61 7.61 0.00	96.30 6.67 -3.72	73.93 3.89 -21.15	42.92 3.39 0.00	33.50 2.70 0.00
RAVENSWOOD___4 23820	33.38 2.89 0.00	33.11 2.79 0.00	25.69 2.13 0.00	29.29 2.17 0.00	27.97 2.06 0.00	28.17 1.94 0.00	31.52 2.01 0.00	27.09 1.75 0.00	23.67 1.77 0.00	23.79 1.99 0.00	23.77 2.15 1.53	27.47 2.66 1.49	37.37 3.46 0.08	43.47 4.10 0.00	44.97 4.09 0.00	46.37 4.19 0.00	52.40 4.59 0.00	120.25 10.48 0.00	693.16 53.86 0.00	102.59 7.59 0.00	96.23 6.59 -3.72	73.88 3.84 -21.15	42.94 3.41 0.00	33.52 2.72 0.00
RCPL_TRUST___DRP 24196	33.34 2.84 0.00	33.07 2.76 0.00	25.65 2.10 0.00	29.26 2.14 0.00	27.94 2.03 0.00	28.13 1.91 0.00	31.49 1.98 0.00	27.05 1.71 0.00	23.64 1.74 0.00	23.76 1.95 0.00	25.24 2.10 0.00	28.90 2.60 0.00	37.37 3.40 0.00	43.43 4.06 0.00	44.97 4.08 0.00	46.34 4.16 0.00	52.37 4.55 0.00	120.26 10.49 0.00	693.53 54.23 0.00	102.55 7.55 0.00	96.24 6.61 -3.72	73.90 3.86 -21.15	42.88 3.35 0.00	33.49 2.69 0.00
RED___ROCHESTER 323720	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.28 -0.01 0.00	34.10 0.12 0.00	39.55 0.19 0.00	41.11 0.22 0.00	42.61 0.43 0.00	48.51 0.70 0.00	110.83 1.07 0.00	646.39 7.09 0.00	95.46 0.46 0.00	86.17 0.26 0.00	48.96 0.08 0.00	39.48 -0.05 0.00	30.92 0.12 0.00
REGAN___SOLAR 323812	34.40 3.91 0.00	33.97 3.65 0.00	26.28 2.72 0.00	30.10 2.98 0.00	28.65 2.74 0.00	29.05 2.83 0.00	31.96 2.45 0.00	26.37 1.02 0.00	22.31 0.41 0.00	22.25 0.45 0.00	23.65 0.51 0.00	27.06 0.76 0.00	34.82 0.84 0.00	40.77 1.40 0.00	42.16 1.27 0.00	43.46 1.28 0.00	49.83 2.02 0.00	116.27 6.51 0.00	702.80 63.50 0.00	109.17 14.17 0.00	139.22 13.81 -39.50	280.61 7.36 -224.36	45.13 5.60 0.00	34.88 4.07 0.00
RENSSELAER___COGEN 23796	31.55 1.05 0.00	31.34 1.02 0.00	24.52 0.97 0.00	28.18 1.06 0.00	26.94 1.03 0.00	27.23 1.00 0.00	30.47 0.97 0.00	26.11 0.77 0.00	22.53 0.63 0.00	22.34 0.53 0.00	23.65 0.50 0.00	26.95 0.65 0.00	34.82 0.84 0.00	40.50 1.13 0.00	42.04 1.16 0.00	43.38 1.21 0.00	49.11 1.30 0.00	112.93 3.17 0.00	658.56 19.26 0.00	97.86 2.86 0.00	110.84 2.60 -22.34	177.21 1.45 -126.88	40.71 1.18 0.00	31.68 0.87 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.22 4.73 0.00	34.64 4.32 0.00	26.16 2.60 0.00	30.16 3.04 0.00	29.18 3.27 0.00	29.51 3.28 0.00	33.01 3.50 0.00	28.40 3.06 0.00	24.12 2.22 0.00	23.95 2.14 0.00	25.44 2.29 0.00	29.21 2.91 0.00	37.65 3.68 0.00	44.16 4.79 0.00	46.08 5.20 0.00	47.35 5.17 0.00	54.63 6.82 0.00	126.79 17.03 0.00	742.87 103.57 0.00	110.76 15.76 0.00	141.45 13.81 -41.73	293.54 7.61 -237.04	45.25 5.72 0.00	34.83 4.03 0.00
REVERE_CPPR_DRP 24186	31.40 0.90 0.00	31.00 0.68 0.00	24.07 0.51 0.00	27.62 0.50 0.00	26.48 0.57 0.00	26.93 0.71 0.00	30.27 0.76 0.00	25.93 0.58 0.00	22.49 0.58 0.00	22.35 0.54 0.00	23.76 0.62 0.00	27.30 0.86 -0.14	35.81 1.27 -0.56	41.39 1.41 -0.61	42.99 1.38 -0.72	43.68 1.49 0.00	50.71 1.84 -1.06	117.05 4.77 -2.51	675.34 31.81 -4.23	102.95 5.25 -2.71	93.10 5.08 -2.11	52.87 2.67 -1.32	42.39 2.02 -0.84	32.53 1.39 -0.34
REYNOLDS_115KV_TB3 80639	31.78 1.28 0.00	31.55 1.24 0.00	24.65 1.09 0.00	28.32 1.19 0.00	27.09 1.18 0.00	27.37 1.15 0.00	30.61 1.10 0.00	26.24 0.89 0.00	22.64 0.73 0.00	22.47 0.67 0.00	23.77 0.62 0.00	27.10 0.80 0.00	35.03 1.06 0.00	40.73 1.36 0.00	42.28 1.39 0.00	43.61 1.43 0.00	49.36 1.55 0.00	113.57 3.80 0.00	662.35 23.05 0.00	98.49 3.49 0.00	113.96 3.18 -24.88	191.99 1.78 -141.32	40.96 1.44 0.00	31.90 1.09 0.00
RIVERBAY___ 323610	33.56 3.06 0.00	33.29 2.97 0.00	25.84 2.29 0.00	29.44 2.32 0.00	28.12 2.20 0.00	28.32 2.10 0.00	31.66 2.15 0.00	27.23 1.88 0.00	23.81 1.91 0.00	23.92 2.11 0.00	25.39 2.24 0.00	29.08 2.78 0.00	37.59 3.61 0.00	43.71 4.34 0.00	45.28 4.40 0.00	46.74 4.57 0.00	52.84 5.03 0.00	121.16 11.39 0.00	699.86 60.55 0.00	103.52 8.53 0.00	97.05 7.42 -3.72	74.38 4.35 -21.15	43.28 3.75 0.00	33.77 2.96 0.00
RIVERSIDE_115KV_TB3 55908	31.71 1.21 0.00	31.49 1.17 0.00	24.62 1.07 0.00	28.29 1.16 0.00	27.05 1.14 0.00	27.34 1.11 0.00	30.58 1.07 0.00	26.21 0.87 0.00	22.62 0.72 0.00	22.44 0.64 0.00	23.75 0.61 0.00	27.07 0.78 0.00	35.00 1.02 0.00	40.70 1.33 0.00	42.25 1.36 0.00	43.60 1.42 0.00	49.35 1.54 0.00	113.49 3.72 0.00	661.97 22.67 0.00	98.38 3.38 0.00	114.13 3.03 -25.18	193.64 1.72 -143.04	40.91 1.38 0.00	31.84 1.03 0.00
ROARING___BROOK_WT_PWR 323790	29.95 -0.54 0.00	29.73 -0.59 0.00	23.09 -0.47 0.00	26.63 -0.49 0.00	25.41 -0.50 0.00	25.90 -0.33 0.00	29.29 -0.22 0.00	25.25 -0.10 0.00	21.80 -0.11 0.00	21.68 -0.12 0.00	23.02 -0.12 0.00	26.11 -0.19 0.00	33.69 -0.29 0.00	38.98 -0.39 0.00	40.47 -0.41 0.00	41.69 -0.49 0.00	47.32 -0.49 0.00	108.63 -1.13 0.00	633.98 -5.32 0.00	94.43 -0.57 0.00	85.39 -0.52 0.00	48.58 -0.30 0.00	39.23 -0.30 0.00	30.55 -0.25 0.00
ROCHESRG_115KV_T4 355643	30.03 -0.47 0.00	29.80 -0.52 0.00	23.18 -0.37 0.00	26.67 -0.45 0.00	25.45 -0.46 0.00	25.64 -0.58 0.00	28.64 -0.86 0.00	24.36 -0.99 0.00	21.31 -0.60 0.00	21.22 -0.58 0.00	22.66 -0.48 0.00	25.89 -0.41 0.00	33.59 -0.39 0.00	38.92 -0.45 0.00	40.44 -0.44 0.00	41.89 -0.28 0.00	47.67 -0.14 0.00	108.82 -0.94 0.00	634.53 -4.77 0.00	93.78 -1.22 0.00	84.70 -1.21 0.00	48.15 -0.74 0.00	38.88 -0.65 0.00	30.48 -0.32 0.00

ROCHESTER_9_IC 23652	30.25 -0.25 0.00	30.00 -0.32 0.00	23.32 -0.24 0.00	26.82 -0.30 0.00	25.59 -0.31 0.00	25.78 -0.44 0.00	28.80 -0.71 0.00	24.48 -0.86 0.00	21.43 -0.47 0.00	21.36 -0.44 0.00	22.82 -0.32 0.00	26.09 -0.21 0.00	33.86 -0.12 0.00	39.24 -0.13 0.00	40.79 -0.09 0.00	42.27 0.09 0.00	48.11 0.30 0.00	109.89 0.13 0.00	640.71 1.41 0.00	94.65 -0.35 0.00	85.44 -0.47 0.00	48.56 -0.32 0.00	39.19 -0.34 0.00	30.71 -0.10 0.00
ROCKVIEW_13_KV_LD 356306	33.33 2.83 0.00	33.08 2.76 0.00	25.64 2.08 0.00	29.27 2.14 0.00	27.93 2.02 0.00	28.15 1.92 0.00	31.50 2.00 0.00	27.06 1.71 0.00	23.62 1.71 0.00	23.71 1.91 0.00	25.20 2.05 0.00	28.85 2.55 0.00	37.32 3.34 0.00	43.37 4.01 0.00	44.90 4.02 0.00	46.31 4.13 0.00	52.39 4.58 0.00	120.27 10.50 0.00	694.92 55.61 0.00	102.79 7.79 0.00	96.48 6.84 -3.72	74.00 3.97 -21.15	42.92 3.39 0.00	33.49 2.69 0.00
ROME____115KV_TB2 80656	31.40 0.90 0.00	31.00 0.68 0.00	24.07 0.51 0.00	27.62 0.50 0.00	26.48 0.57 0.00	26.93 0.71 0.00	30.27 0.76 0.00	25.93 0.58 0.00	22.49 0.58 0.00	22.35 0.54 0.00	23.76 0.62 0.00	27.30 0.86 -0.14	35.81 1.27 -0.56	41.39 1.41 -0.61	42.99 1.38 -0.72	43.68 1.49 0.00	50.71 1.84 -1.06	117.05 4.77 -2.51	675.34 31.81 -4.23	102.95 5.25 -2.71	93.10 5.08 -2.11	52.87 2.67 -1.32	42.39 2.02 -0.84	32.53 1.39 -0.34
ROSETON____1 23587	32.63 2.14 0.00	32.40 2.08 0.00	25.14 1.58 0.00	28.74 1.62 0.00	27.44 1.53 0.00	27.67 1.45 0.00	30.99 1.48 0.00	26.59 1.25 0.00	23.16 1.25 0.00	23.21 1.40 0.00	24.64 1.49 0.00	28.16 1.87 0.00	36.42 2.44 0.00	42.36 2.99 0.00	43.87 2.99 0.00	45.26 3.08 0.00	51.19 3.38 0.00	117.55 7.79 0.00	680.83 41.53 0.00	100.80 5.80 0.00	94.60 5.08 -3.61	72.37 2.98 -20.51	42.07 2.54 0.00	32.79 1.98 0.00
ROSETON____2 23588	32.63 2.14 0.00	32.40 2.08 0.00	25.14 1.58 0.00	28.74 1.62 0.00	27.44 1.53 0.00	27.67 1.45 0.00	30.99 1.48 0.00	26.59 1.25 0.00	23.16 1.25 0.00	23.21 1.40 0.00	24.64 1.49 0.00	28.16 1.87 0.00	36.42 2.44 0.00	42.36 2.99 0.00	43.87 2.99 0.00	45.26 3.08 0.00	51.19 3.38 0.00	117.55 7.79 0.00	680.83 41.53 0.00	100.80 5.80 0.00	94.60 5.08 -3.61	72.37 2.98 -20.51	42.07 2.54 0.00	32.79 1.98 0.00
ROTTDAM_115KV_TB3 80664	31.88 1.38 0.00	31.63 1.31 0.00	24.57 1.01 0.00	28.25 1.12 0.00	26.99 1.08 0.00	27.30 1.08 0.00	30.59 1.08 0.00	26.19 0.84 0.00	22.61 0.70 0.00	22.52 0.71 0.00	23.86 0.72 0.00	27.22 0.93 0.00	35.20 1.23 0.00	40.89 1.52 0.00	42.46 1.58 0.00	43.80 1.62 0.00	49.68 1.87 0.00	114.22 4.46 0.00	666.44 27.14 0.00	99.19 4.19 0.00	134.92 3.81 -45.20	307.79 2.16 -256.75	41.28 1.75 0.00	32.11 1.31 0.00
RUSSELL____1 23602	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.27 -0.03 0.00	34.10 0.12 0.00	39.55 0.18 0.00	41.12 0.23 0.00	42.61 0.44 0.00	48.51 0.70 0.00	110.80 1.04 0.00	646.31 7.01 0.00	95.46 0.46 0.00	86.16 0.25 0.00	48.95 0.07 0.00	39.49 -0.04 0.00	30.91 0.10 0.00
RUSSELL____2 23532	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.27 -0.03 0.00	34.10 0.12 0.00	39.55 0.18 0.00	41.12 0.23 0.00	42.61 0.44 0.00	48.51 0.70 0.00	110.80 1.04 0.00	646.31 7.01 0.00	95.46 0.46 0.00	86.16 0.25 0.00	48.95 0.07 0.00	39.49 -0.04 0.00	30.91 0.10 0.00
RUSSELL____3 23549	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.27 -0.03 0.00	34.10 0.12 0.00	39.55 0.18 0.00	41.12 0.23 0.00	42.61 0.44 0.00	48.51 0.70 0.00	110.80 1.04 0.00	646.31 7.01 0.00	95.46 0.46 0.00	86.16 0.25 0.00	48.95 0.07 0.00	39.49 -0.04 0.00	30.91 0.10 0.00
RUSSELL____4 23556	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.27 -0.03 0.00	34.10 0.12 0.00	39.55 0.18 0.00	41.12 0.23 0.00	42.61 0.44 0.00	48.51 0.70 0.00	110.80 1.04 0.00	646.31 7.01 0.00	95.46 0.46 0.00	86.16 0.25 0.00	48.95 0.07 0.00	39.49 -0.04 0.00	30.91 0.10 0.00
RUSSELL____STATION 23914	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.27 -0.03 0.00	34.10 0.12 0.00	39.55 0.18 0.00	41.12 0.23 0.00	42.61 0.44 0.00	48.51 0.70 0.00	110.80 1.04 0.00	646.31 7.01 0.00	95.46 0.46 0.00	86.16 0.25 0.00	48.95 0.07 0.00	39.49 -0.04 0.00	30.91 0.10 0.00
S SALMON____HYD 24043	29.96 -0.53 0.00	29.57 -0.75 0.00	22.96 -0.60 0.00	26.43 -0.69 0.00	25.33 -0.58 0.00	25.72 -0.50 0.00	28.94 -0.57 0.00	24.83 -0.51 0.00	21.59 -0.31 0.00	21.45 -0.36 0.00	22.78 -0.37 0.00	26.61 -0.33 -0.64	36.23 -0.38 -2.63	41.71 -0.52 -2.86	43.65 -0.62 -3.38	41.49 -0.69 0.00	52.26 -0.54 -4.99	120.52 -1.02 -11.78	656.42 -2.69 -19.81	107.73 0.04 -12.69	96.19 0.42 -9.86	55.35 0.28 -6.18	43.64 0.17 -3.94	32.48 0.07 -1.60
S.PERRY__115KV_TB1 80734	31.13 0.63 0.00	30.82 0.50 0.00	23.89 0.33 0.00	27.48 0.36 0.00	26.16 0.24 0.00	26.31 0.08 0.00	29.46 -0.04 0.00	25.03 -0.31 0.00	21.90 0.00 0.00	21.86 0.05 0.00	23.43 0.28 0.00	26.84 0.54 0.00	34.73 0.75 0.00	40.16 0.79 0.00	41.02 0.14 0.00	42.22 0.04 0.00	47.98 0.16 0.00	109.84 0.08 0.00	638.72 -0.58 0.00	94.58 -0.41 0.00	86.26 0.35 0.00	49.22 0.33 0.00	40.50 0.97 0.00	31.87 1.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.54 -0.96 0.00	29.38 -0.94 0.00	22.90 -0.66 0.00	26.35 -0.78 0.00	25.17 -0.74 0.00	25.31 -0.91 0.00	28.21 -1.30 0.00	23.82 -1.53 0.00	20.97 -0.94 0.00	20.83 -0.97 0.00	22.29 -0.86 0.00	25.47 -0.82 0.00	33.06 -0.92 0.00	38.24 -1.13 0.00	39.69 -1.20 0.00	41.15 -1.02 0.00	46.84 -0.97 0.00	106.32 -3.44 0.00	619.10 -20.20 0.00	91.21 -3.78 0.00	82.55 -3.36 0.00	47.00 -1.88 0.00	38.00 -1.53 0.00	30.03 -0.78 0.00
SAWYER____23_KV_LOAD 55526	29.54 -0.96 0.00	29.38 -0.94 0.00	22.90 -0.66 0.00	26.35 -0.78 0.00	25.17 -0.74 0.00	25.31 -0.91 0.00	28.21 -1.30 0.00	23.82 -1.53 0.00	20.97 -0.94 0.00	20.83 -0.97 0.00	22.29 -0.86 0.00	25.47 -0.82 0.00	33.06 -0.92 0.00	38.24 -1.13 0.00	39.69 -1.20 0.00	41.15 -1.02 0.00	46.84 -0.97 0.00	106.32 -3.44 0.00	619.10 -20.20 0.00	91.21 -3.78 0.00	82.55 -3.36 0.00	47.00 -1.88 0.00	38.00 -1.53 0.00	30.03 -0.78 0.00

SELKIRK___I 23801	31.71 1.22 0.00	31.49 1.17 0.00	24.60 1.04 0.00	28.31 1.18 0.00	27.07 1.16 0.00	27.35 1.13 0.00	30.60 1.10 0.00	26.12 0.77 0.00	22.47 0.57 0.00	22.28 0.48 0.00	23.58 0.43 0.00	26.85 0.55 0.00	34.74 0.76 0.00	40.47 1.11 0.00	41.93 1.04 0.00	43.34 1.16 0.00	49.07 1.26 0.00	112.75 2.98 0.00	658.79 19.49 0.00	98.16 3.16 0.00	105.22 2.99 -16.33	143.29 1.66 -92.74	40.91 1.38 0.00	31.84 1.04 0.00
SELKIRK___II 23799	31.59 1.09 0.00	31.38 1.06 0.00	24.50 0.94 0.00	28.16 1.04 0.00	26.92 1.01 0.00	27.21 0.99 0.00	30.47 0.96 0.00	26.10 0.75 0.00	22.52 0.61 0.00	22.37 0.57 0.00	23.70 0.55 0.00	27.01 0.71 0.00	34.92 0.94 0.00	40.59 1.22 0.00	42.12 1.24 0.00	43.46 1.28 0.00	49.22 1.41 0.00	113.00 3.24 0.00	658.70 19.40 0.00	97.89 2.89 0.00	106.20 2.63 -17.66	150.68 1.49 -100.30	40.78 1.25 0.00	31.75 0.94 0.00
SENECA OSWGO___HYD 24041	30.02 -0.47 0.00	29.78 -0.54 0.00	23.16 -0.40 0.00	26.66 -0.46 0.00	25.45 -0.46 0.00	25.69 -0.53 0.00	28.82 -0.69 0.00	24.70 -0.65 0.00	21.46 -0.44 0.00	21.37 -0.44 0.00	22.70 -0.45 0.00	26.81 -0.39 -0.90	37.28 -0.39 -3.70	42.89 -0.50 -4.02	45.16 -0.48 -4.76	41.71 -0.46 0.00	54.38 -0.45 -7.01	125.35 -0.98 -16.56	662.20 -4.94 -27.84	111.99 -0.84 -17.84	99.09 -0.68 -13.87	57.15 -0.41 -8.69	44.69 -0.37 -5.53	32.74 -0.32 -2.25
SENECA___115KV_TB3 355854	29.92 -0.58 0.00	29.73 -0.59 0.00	23.16 -0.39 0.00	26.62 -0.50 0.00	25.44 -0.47 0.00	25.59 -0.63 0.00	28.53 -0.98 0.00	24.13 -1.22 0.00	21.26 -0.65 0.00	21.16 -0.65 0.00	22.64 -0.50 0.00	25.91 -0.39 0.00	33.68 -0.30 0.00	38.92 -0.45 0.00	40.40 -0.48 0.00	41.87 -0.30 0.00	47.65 -0.16 0.00	108.38 -1.39 0.00	631.65 -8.55 -0.90	92.81 -2.19 0.00	84.00 -1.91 0.00	47.79 -1.10 0.00	38.62 -0.91 0.00	30.48 -0.33 0.00
SENECA___ENERGY 23797	30.53 0.04 0.00	30.21 -0.11 0.00	23.47 -0.09 0.00	27.01 -0.12 0.00	25.72 -0.19 0.00	25.94 -0.28 0.00	29.07 -0.44 0.00	24.86 -0.48 0.00	21.68 -0.23 0.00	21.62 -0.18 0.00	23.04 -0.10 0.00	26.75 0.09 -0.36	35.64 0.19 -1.47	41.18 0.21 -1.60	43.11 0.33 -1.89	42.58 0.40 0.00	51.24 0.64 -2.79	117.84 1.49 -6.59	657.66 7.29 -11.07	102.99 0.90 -7.09	92.42 0.99 -5.52	52.73 0.39 -3.46	41.99 0.27 -2.20	31.91 0.21 -0.90
SHOEMAKER___GT 23640	32.47 1.97 0.00	32.22 1.90 0.00	25.00 1.44 0.00	28.59 1.47 0.00	27.29 1.38 0.00	27.54 1.32 0.00	30.85 1.34 0.00	26.46 1.11 0.00	23.01 1.10 0.00	23.04 1.23 0.00	24.45 1.31 0.00	27.93 1.64 0.00	36.15 2.18 0.00	42.06 2.69 0.00	43.62 2.73 0.00	44.98 2.81 0.00	50.94 3.13 0.00	116.96 7.20 0.00	678.08 38.78 0.00	100.48 5.48 0.00	94.03 4.84 -3.28	70.37 2.83 -18.65	41.89 2.36 0.00	32.62 1.81 0.00
SHOEMAKR_138KV_BK 111 55601	32.46 1.96 0.00	32.22 1.90 0.00	25.00 1.44 0.00	28.59 1.46 0.00	27.29 1.37 0.00	27.52 1.30 0.00	30.84 1.33 0.00	26.45 1.10 0.00	23.01 1.11 0.00	23.05 1.25 0.00	24.46 1.32 0.00	27.96 1.66 0.00	36.19 2.21 0.00	42.10 2.73 0.00	43.62 2.74 0.00	45.01 2.83 0.00	50.95 3.14 0.00	116.99 7.23 0.00	677.87 38.57 0.00	100.42 5.42 0.00	93.93 4.77 -3.25	70.15 2.80 -18.47	41.87 2.34 0.00	32.62 1.81 0.00
SHOREHAM_IC_1 23715	33.49 2.99 0.00	33.06 2.74 0.00	25.68 2.12 0.00	29.40 2.27 0.00	28.18 2.27 0.00	28.40 2.18 0.00	31.90 2.39 0.00	27.40 2.06 0.00	25.43 2.13 -1.40	24.07 2.26 0.00	69.15 2.59 -43.41	55.12 3.12 -25.70	40.04 3.96 -2.09	69.68 4.94 -25.37	67.61 4.72 -22.01	296.20 5.13 -248.89	295.74 5.62 -242.31	287.62 12.86 -165.00	762.87 67.03 -56.53	230.26 10.17 -125.09	174.72 8.66 -80.14	110.97 4.88 -57.20	75.14 4.16 -31.45	52.34 3.26 -18.28
SHOREHAM_IC_2 23716	33.49 2.99 0.00	33.06 2.74 0.00	25.68 2.12 0.00	29.40 2.27 0.00	28.18 2.27 0.00	28.40 2.18 0.00	31.90 2.39 0.00	27.40 2.06 0.00	25.43 2.13 -1.40	24.07 2.26 0.00	69.15 2.59 -43.41	55.12 3.12 -25.70	40.04 3.96 -2.09	69.68 4.94 -25.37	67.61 4.72 -22.01	296.20 5.13 -248.89	295.74 5.62 -242.31	287.62 12.86 -165.00	762.87 67.03 -56.53	230.26 10.17 -125.09	174.72 8.66 -80.14	110.97 4.88 -57.20	75.14 4.16 -31.45	52.34 3.26 -18.28
SISSONVILLE____ 23735	28.84 -1.66 0.00	28.61 -1.71 0.00	22.16 -1.39 0.00	25.59 -1.54 0.00	24.53 -1.38 0.00	24.99 -1.24 0.00	28.35 -1.15 0.00	24.53 -0.81 0.00	21.11 -0.79 0.00	20.91 -0.89 0.00	22.21 -0.93 0.00	25.10 -1.29 -0.08	32.63 -1.69 -0.34	37.66 -2.08 -0.37	39.17 -2.15 -0.44	39.91 -2.27 0.00	46.03 -2.43 -0.65	106.14 -5.15 -1.53	614.74 -27.13 -2.57	93.54 -3.10 -1.65	84.59 -2.60 -1.28	48.02 -1.66 -0.80	38.63 -1.41 -0.51	29.83 -1.19 -0.21
SITHE_IND_GS1 24169	29.63 -0.87 0.00	29.40 -0.92 0.00	22.85 -0.70 0.00	26.31 -0.81 0.00	25.12 -0.79 0.00	25.38 -0.84 0.00	28.47 -1.04 0.00	24.42 -0.93 0.00	21.20 -0.70 0.00	21.11 -0.70 0.00	22.41 -0.73 0.00	22.93 -0.75 2.62	22.33 -0.92 10.73	26.64 -1.07 11.66	25.99 -1.10 13.79	41.08 -1.09 0.00	26.26 -1.20 20.34	58.98 -2.75 48.04	542.56 -16.00 80.73	40.79 -2.47 51.74	43.45 -2.24 40.21	22.40 -1.29 25.19	22.43 -1.06 16.04	23.44 -0.83 6.54
SITHE_IND_GS2 24170	29.63 -0.87 0.00	29.40 -0.92 0.00	22.85 -0.70 0.00	26.31 -0.81 0.00	25.12 -0.79 0.00	25.38 -0.84 0.00	28.47 -1.04 0.00	24.42 -0.93 0.00	21.20 -0.70 0.00	21.11 -0.70 0.00	22.41 -0.73 0.00	22.93 -0.75 2.62	22.33 -0.92 10.73	26.64 -1.07 11.66	25.99 -1.10 13.79	41.08 -1.09 0.00	26.26 -1.20 20.34	58.98 -2.75 48.04	542.56 -16.00 80.73	40.79 -2.47 51.74	43.45 -2.24 40.21	22.40 -1.29 25.19	22.43 -1.06 16.04	23.44 -0.83 6.54
SITHE_IND_GS3 24171	29.63 -0.87 0.00	29.40 -0.92 0.00	22.85 -0.70 0.00	26.31 -0.81 0.00	25.12 -0.79 0.00	25.38 -0.84 0.00	28.47 -1.04 0.00	24.42 -0.93 0.00	21.20 -0.70 0.00	21.11 -0.70 0.00	22.41 -0.73 0.00	22.93 -0.75 2.62	22.33 -0.92 10.73	26.64 -1.07 11.66	25.99 -1.10 13.79	41.08 -1.09 0.00	26.26 -1.20 20.34	58.98 -2.75 48.04	542.56 -16.00 80.73	40.79 -2.47 51.74	43.45 -2.24 40.21	22.40 -1.29 25.19	22.43 -1.06 16.04	23.44 -0.83 6.54
SITHE_IND_GS4 24172	29.63 -0.87 0.00	29.40 -0.92 0.00	22.85 -0.70 0.00	26.31 -0.81 0.00	25.12 -0.79 0.00	25.38 -0.84 0.00	28.47 -1.04 0.00	24.42 -0.93 0.00	21.20 -0.70 0.00	21.11 -0.70 0.00	22.41 -0.73 0.00	22.93 -0.75 2.62	22.33 -0.92 10.73	26.64 -1.07 11.66	25.99 -1.10 13.79	41.08 -1.09 0.00	26.26 -1.20 20.34	58.98 -2.75 48.04	542.56 -16.00 80.73	40.79 -2.47 51.74	43.45 -2.24 40.21	22.40 -1.29 25.19	22.43 -1.06 16.04	23.44 -0.83 6.54
SITHE___BATAVIA 24024	30.46 -0.03 0.00	30.22 -0.10 0.00	23.51 -0.05 0.00	27.04 -0.09 0.00	25.81 -0.10 0.00	25.95 -0.27 0.00	28.93 -0.58 0.00	24.44 -0.91 0.00	21.44 -0.46 0.00	21.34 -0.46 0.00	22.83 -0.31 0.00	26.13 -0.17 0.00	33.90 -0.08 0.00	39.37 0.00 0.00	40.87 -0.02 0.00	42.36 0.18 0.00	48.38 0.56 0.00	110.17 0.40 0.00	643.79 3.65 -0.84	95.43 0.43 0.00	86.34 0.44 0.00	49.13 0.25 0.00	39.56 0.03 0.00	31.09 0.29 0.00

SITHE___INDEPEND 23800	29.63 -0.87 0.00	29.40 -0.92 0.00	22.85 -0.71 0.00	26.31 -0.81 0.00	25.12 -0.79 0.00	25.38 -0.84 0.00	28.47 -1.04 0.00	24.42 -0.93 0.00	21.20 -0.70 0.00	21.11 -0.70 0.00	22.42 -0.73 0.00	22.93 -0.76 2.62	22.33 -0.92 10.73	26.64 -1.07 11.66	26.00 -1.10 13.79	41.08 -1.10 0.00	26.26 -1.21 20.34	58.97 -2.75 48.04	542.55 -16.01 80.73	40.79 -2.47 51.74	43.45 -2.25 40.21	22.40 -1.29 25.19	22.43 -1.06 16.04	23.44 -0.83 6.54
SITHE___MASSENA 23902	29.48 -1.02 0.00	29.34 -0.98 0.00	22.76 -0.80 0.00	26.29 -0.83 0.00	25.15 -0.76 0.00	25.52 -0.70 0.00	28.91 -0.60 0.00	25.00 -0.34 0.00	21.53 -0.38 0.00	21.36 -0.45 0.00	22.69 -0.46 0.00	25.55 -0.74 0.00	32.87 -1.11 0.00	37.97 -1.40 0.00	39.46 -1.42 0.00	40.67 -1.51 0.00	46.18 -1.63 0.00	106.23 -3.53 0.00	619.81 -19.49 0.00	92.63 -2.36 0.00	83.77 -2.14 0.00	47.61 -1.28 0.00	38.39 -1.14 0.00	29.94 -0.87 0.00
SITHE___OGDNSBRG 24021	29.59 -0.91 0.00	29.39 -0.93 0.00	22.78 -0.78 0.00	26.28 -0.84 0.00	25.19 -0.72 0.00	25.64 -0.59 0.00	29.06 -0.44 0.00	25.08 -0.27 0.00	21.51 -0.40 0.00	21.30 -0.50 0.00	22.61 -0.54 0.00	25.39 -0.90 0.00	32.67 -1.30 0.00	37.75 -1.62 0.00	39.17 -1.72 0.00	40.36 -1.82 0.00	45.89 -1.92 0.00	106.12 -3.65 0.00	620.99 -18.31 0.00	93.47 -1.53 0.00	85.10 -0.81 0.00	48.35 -0.53 0.00	38.92 -0.60 0.00	30.26 -0.54 0.00
SITHE___STERLING 23777	31.34 0.84 0.00	30.99 0.67 0.00	24.06 0.50 0.00	27.63 0.50 0.00	26.44 0.53 0.00	26.81 0.59 0.00	30.11 0.60 0.00	25.78 0.44 0.00	22.35 0.45 0.00	22.23 0.42 0.00	23.64 0.50 0.00	27.17 0.72 -0.15	35.65 1.07 -0.60	41.27 1.24 -0.66	42.88 1.21 -0.78	43.50 1.32 0.00	50.56 1.61 -1.15	116.47 4.00 -2.71	669.79 25.93 -4.56	102.07 4.15 -2.92	92.24 4.06 -2.27	52.47 2.16 -1.42	42.08 1.64 -0.90	32.31 1.14 -0.37
SLEIGHT___34_KV_TB1 80719	30.30 -0.20 0.00	29.99 -0.33 0.00	23.29 -0.26 0.00	26.83 -0.29 0.00	25.56 -0.35 0.00	25.77 -0.46 0.00	28.81 -0.70 0.00	24.60 -0.74 0.00	21.50 -0.41 0.00	21.42 -0.38 0.00	22.88 -0.27 0.00	26.27 -0.13 -0.10	34.33 -0.06 -0.41	39.74 -0.08 -0.44	41.42 0.01 -0.53	42.34 0.16 0.00	48.94 0.36 -0.78	112.25 0.66 -1.83	647.24 4.86 -3.08	97.31 0.34 -1.97	87.64 0.19 -1.53	49.80 -0.05 -0.96	40.00 -0.15 -0.61	30.99 -0.06 -0.25
SOUTH CAIRO___GT 23612	33.07 2.57 0.00	32.73 2.41 0.00	25.55 1.99 0.00	29.36 2.24 0.00	28.04 2.13 0.00	28.32 2.10 0.00	31.67 2.17 0.00	27.07 1.73 0.00	23.25 1.34 0.00	22.91 1.10 0.00	24.23 1.09 0.00	27.68 1.38 0.00	35.92 1.94 0.00	41.90 2.53 0.00	43.58 2.70 0.00	45.05 2.87 0.00	51.26 3.45 0.00	118.66 8.89 0.00	701.33 62.03 0.00	104.26 9.26 0.00	109.46 8.42 -15.14	139.34 4.48 -85.98	42.96 3.43 0.00	33.22 2.41 0.00
SOUTH HAMPTN___IC 23720	33.83 3.33 0.00	33.38 3.06 0.00	25.92 2.36 0.00	29.69 2.56 0.00	28.56 2.65 0.00	28.85 2.62 0.00	32.49 2.98 0.00	27.95 2.61 0.00	25.97 2.67 -1.40	24.62 2.81 0.00	68.58 3.23 -42.20	55.23 3.87 -25.06	40.94 4.87 -2.09	69.70 6.01 -24.32	67.51 5.91 -20.72	286.27 6.36 -237.73	280.29 7.00 -225.48	278.41 16.07 -152.59	775.56 84.96 -51.30	223.22 12.62 -115.60	171.77 10.78 -75.08	112.02 6.17 -56.97	75.58 5.18 -30.88	53.09 4.00 -18.28
SOUTHDOW___115KV_TB1 355954	30.67 0.17 0.00	30.46 0.14 0.00	23.77 0.22 0.00	27.28 0.16 0.00	26.11 0.20 0.00	26.25 0.03 0.00	29.29 -0.22 0.00	24.92 -0.42 0.00	22.09 0.19 0.00	22.12 0.32 0.00	23.68 0.54 0.00	27.22 0.92 0.00	35.41 1.43 0.00	40.72 1.36 0.00	42.19 1.30 0.00	43.52 1.35 0.00	49.50 1.69 0.00	113.20 3.44 0.00	658.92 19.06 -0.55	96.45 1.45 0.00	87.65 1.74 0.00	49.80 0.91 0.00	40.28 0.75 0.00	31.70 0.90 0.00
SOUTHOLD_69_KV_BK 2 55809	33.98 3.48 0.00	33.49 3.18 0.00	26.02 2.46 0.00	29.84 2.72 0.00	28.88 2.97 0.00	29.33 3.11 0.00	33.19 3.68 0.00	28.61 3.27 0.00	26.63 3.33 -1.39	25.26 3.46 0.00	69.34 3.98 -42.22	56.00 4.63 -25.07	41.37 5.30 -2.09	70.32 6.61 -24.34	68.22 6.60 -20.74	287.21 7.14 -237.89	281.46 7.87 -225.78	280.79 18.21 -152.82	786.97 96.27 -51.40	224.80 14.01 -115.79	173.26 12.18 -75.17	113.69 7.83 -56.97	76.90 6.49 -30.88	54.01 4.93 -18.27
SOUTHOLD___IC 23719	33.98 3.48 0.00	33.49 3.17 0.00	26.02 2.46 0.00	29.84 2.72 0.00	28.88 2.97 0.00	29.33 3.11 0.00	33.19 3.68 0.00	28.61 3.27 0.00	26.63 3.33 -1.40	25.26 3.46 0.00	69.35 3.98 -42.22	56.00 4.63 -25.07	41.38 5.30 -2.09	70.32 6.61 -24.34	68.22 6.60 -20.74	287.21 7.14 -237.89	281.47 7.87 -225.78	280.79 18.21 -152.82	787.01 96.31 -51.40	224.81 14.02 -115.79	173.26 12.18 -75.17	113.69 7.83 -56.97	76.90 6.49 -30.88	54.02 4.93 -18.28
SOUTH_FORK_WT_PWR 323839	33.60 3.10 0.00	33.12 2.80 0.00	25.75 2.19 0.00	29.56 2.43 0.00	28.76 2.85 0.00	29.32 3.10 0.00	33.28 3.77 0.00	28.72 3.37 0.00	26.75 3.45 -1.40	25.35 3.54 0.00	69.43 4.08 -42.21	56.16 4.79 -25.07	41.84 5.77 -2.09	70.90 7.20 -24.33	68.86 7.25 -20.73	287.79 7.80 -237.81	282.00 8.57 -225.62	282.14 19.69 -152.69	795.87 105.22 -51.34	225.93 15.25 -115.69	174.12 13.09 -75.12	113.86 8.00 -56.97	77.06 6.65 -30.88	54.15 5.06 -18.28
SPIERFLS_115KV_TB 1 80737	32.77 2.28 0.00	32.39 2.07 0.00	24.97 1.41 0.00	28.72 1.60 0.00	27.52 1.61 0.00	27.84 1.61 0.00	31.19 1.69 0.00	26.78 1.43 0.00	23.00 1.09 0.00	22.89 1.09 0.00	24.14 1.00 0.00	27.63 1.34 0.00	35.71 1.74 0.00	41.43 2.06 0.00	43.15 2.26 0.00	44.48 2.31 0.00	50.75 2.94 0.00	117.33 7.57 0.00	690.49 51.19 0.00	102.79 7.79 0.00	135.06 7.06 -42.09	291.83 3.87 -239.07	42.45 2.91 0.00	32.83 2.03 0.00
ST LAWRENCE____ 23600	29.51 -0.99 0.00	29.40 -0.92 0.00	22.80 -0.75 0.00	26.34 -0.78 0.00	25.18 -0.73 0.00	25.53 -0.69 0.00	28.90 -0.61 0.00	25.00 -0.34 0.00	21.53 -0.38 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.58 -0.72 0.00	32.90 -1.08 0.00	38.03 -1.34 0.00	39.52 -1.36 0.00	40.74 -1.44 0.00	46.23 -1.58 0.00	106.24 -3.52 0.00	619.72 -19.59 0.00	92.47 -2.52 0.00	83.55 -2.35 0.00	47.52 -1.36 0.00	38.33 -1.20 0.00	29.90 -0.91 0.00
STATE_CA_115KV_115_LB 55624	31.77 1.27 0.00	31.55 1.23 0.00	24.68 1.12 0.00	28.34 1.22 0.00	27.10 1.19 0.00	27.39 1.16 0.00	30.65 1.14 0.00	26.27 0.93 0.00	22.68 0.77 0.00	22.49 0.69 0.00	23.83 0.68 0.00	27.16 0.86 0.00	35.12 1.15 0.00	40.86 1.49 0.00	42.43 1.54 0.00	43.77 1.59 0.00	49.58 1.77 0.00	114.02 4.26 0.00	664.81 25.51 0.00	98.72 3.72 0.00	117.26 3.33 -28.02	209.91 1.87 -159.16	41.03 1.50 0.00	31.91 1.10 0.00
STATE_ST_34_KV_LOAD 55959	30.88 0.38 0.00	30.51 0.19 0.00	23.68 0.12 0.00	27.33 0.21 0.00	25.99 0.08 0.00	26.29 0.07 0.00	29.44 -0.06 0.00	25.24 -0.10 0.00	21.98 0.07 0.00	21.85 0.05 0.00	23.27 0.12 0.00	27.01 0.30 -0.42	36.03 0.34 -1.71	41.60 0.37 -1.85	43.64 0.56 -2.19	42.88 0.70 0.00	51.92 0.87 -3.24	119.62 2.22 -7.64	665.64 13.49 -12.84	105.06 1.83 -8.23	94.22 1.91 -6.40	53.69 0.80 -4.01	42.73 0.64 -2.55	32.32 0.48 -1.04

STATION 5_MISC_HYD 23604	30.25 -0.25 0.00	30.00 -0.32 0.00	23.32 -0.24 0.00	26.82 -0.30 0.00	25.59 -0.32 0.00	25.78 -0.45 0.00	28.80 -0.71 0.00	24.48 -0.86 0.00	21.44 -0.47 0.00	21.36 -0.44 0.00	22.82 -0.33 0.00	26.10 -0.20 0.00	33.86 -0.12 0.00	39.25 -0.12 0.00	40.78 -0.10 0.00	42.27 0.09 0.00	48.11 0.30 0.00	109.90 0.13 0.00	640.71 1.41 0.00	94.66 -0.34 0.00	85.43 -0.47 0.00	48.58 -0.31 0.00	39.20 -0.33 0.00	30.72 -0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.59 0.10 0.00	30.30 -0.02 0.00	23.54 -0.02 0.00	27.07 -0.05 0.00	25.82 -0.09 0.00	26.02 -0.20 0.00	29.09 -0.42 0.00	24.83 -0.52 0.00	21.72 -0.19 0.00	21.65 -0.15 0.00	23.13 -0.02 0.00	26.56 0.16 -0.11	34.72 0.31 -0.44	40.20 0.36 -0.47	41.92 0.47 -0.56	42.81 0.64 0.00	49.55 0.91 -0.82	113.61 1.89 -1.96	654.11 11.53 -3.29	98.47 1.37 -2.10	88.69 1.14 -1.64	50.40 0.49 -1.03	40.46 0.28 -0.65	31.34 0.26 -0.27
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.11 -0.39 0.00	29.86 -0.46 0.00	23.21 -0.35 0.00	26.70 -0.43 0.00	25.47 -0.44 0.00	25.67 -0.56 0.00	28.68 -0.83 0.00	24.40 -0.94 0.00	21.35 -0.56 0.00	21.28 -0.52 0.00	22.74 -0.40 0.00	25.99 -0.31 0.00	33.72 -0.25 0.00	39.09 -0.28 0.00	40.65 -0.24 0.00	42.12 -0.06 0.00	47.95 0.13 0.00	109.57 -0.20 0.00	638.95 -0.35 0.00	94.42 -0.57 0.00	85.22 -0.69 0.00	48.40 -0.48 0.00	39.06 -0.48 0.00	30.56 -0.24 0.00
STA_56____34_KV_BUS2 355983	30.11 -0.39 0.00	29.86 -0.46 0.00	23.21 -0.35 0.00	26.70 -0.43 0.00	25.47 -0.44 0.00	25.67 -0.56 0.00	28.68 -0.83 0.00	24.40 -0.94 0.00	21.35 -0.56 0.00	21.28 -0.52 0.00	22.74 -0.40 0.00	25.99 -0.31 0.00	33.72 -0.25 0.00	39.09 -0.28 0.00	40.65 -0.24 0.00	42.12 -0.06 0.00	47.95 0.13 0.00	109.57 -0.20 0.00	638.95 -0.35 0.00	94.42 -0.57 0.00	85.22 -0.69 0.00	48.40 -0.48 0.00	39.06 -0.48 0.00	30.56 -0.24 0.00
STA_67____115KV_BK2 355882	30.16 -0.34 0.00	29.92 -0.40 0.00	23.27 -0.29 0.00	26.77 -0.36 0.00	25.54 -0.37 0.00	25.73 -0.50 0.00	28.74 -0.77 0.00	24.43 -0.91 0.00	21.38 -0.53 0.00	21.30 -0.50 0.00	22.76 -0.38 0.00	26.02 -0.28 0.00	33.75 -0.23 0.00	39.12 -0.25 0.00	40.65 -0.24 0.00	42.13 -0.05 0.00	47.93 0.12 0.00	109.46 -0.31 0.00	638.31 -0.99 0.00	94.33 -0.67 0.00	85.17 -0.74 0.00	48.41 -0.48 0.00	39.07 -0.46 0.00	30.62 -0.19 0.00
STA_7____115KV_9TRANS 80674	30.43 -0.06 0.00	30.17 -0.15 0.00	23.44 -0.11 0.00	26.96 -0.16 0.00	25.72 -0.19 0.00	25.90 -0.32 0.00	28.93 -0.58 0.00	24.61 -0.74 0.00	21.54 -0.36 0.00	21.48 -0.32 0.00	22.97 -0.18 0.00	26.27 -0.03 0.00	34.10 0.12 0.00	39.55 0.18 0.00	41.12 0.23 0.00	42.61 0.44 0.00	48.51 0.70 0.00	110.80 1.04 0.00	646.31 7.01 0.00	95.46 0.46 0.00	86.16 0.25 0.00	48.95 0.07 0.00	39.49 -0.04 0.00	30.91 0.10 0.00
STA_82____115KV_TB1 80780	30.17 -0.32 0.00	29.94 -0.38 0.00	23.28 -0.28 0.00	26.77 -0.35 0.00	25.55 -0.36 0.00	25.74 -0.49 0.00	28.75 -0.76 0.00	24.45 -0.90 0.00	21.39 -0.51 0.00	21.31 -0.49 0.00	22.77 -0.37 0.00	26.03 -0.27 0.00	33.76 -0.22 0.00	39.13 -0.24 0.00	40.67 -0.21 0.00	42.14 -0.04 0.00	47.96 0.15 0.00	109.52 -0.24 0.00	638.56 -0.74 0.00	94.39 -0.61 0.00	85.22 -0.69 0.00	48.44 -0.45 0.00	39.10 -0.43 0.00	30.63 -0.17 0.00
STEEL____WIND 323596	29.87 -0.62 0.00	29.69 -0.63 0.00	23.14 -0.42 0.00	26.59 -0.54 0.00	25.42 -0.49 0.00	25.56 -0.66 0.00	28.50 -1.01 0.00	24.10 -1.24 0.00	21.24 -0.67 0.00	21.13 -0.67 0.00	22.61 -0.54 0.00	25.89 -0.42 0.00	33.63 -0.35 0.00	38.85 -0.52 0.00	40.32 -0.56 0.00	41.79 -0.38 0.00	47.56 -0.25 0.00	108.19 -1.57 0.00	630.58 -9.61 -0.90	92.69 -2.31 0.00	83.91 -2.00 0.00	47.74 -1.14 0.00	38.57 -0.96 0.00	30.46 -0.35 0.00
STEPHTWN_115KV_BK_2 55603	31.96 1.46 0.00	31.74 1.42 0.00	24.77 1.21 0.00	28.47 1.34 0.00	27.18 1.27 0.00	27.46 1.24 0.00	30.79 1.28 0.00	26.37 1.02 0.00	22.76 0.86 0.00	22.62 0.82 0.00	23.98 0.84 0.00	27.37 1.07 0.00	35.34 1.36 0.00	41.09 1.72 0.00	42.83 1.94 0.00	44.19 2.02 0.00	50.08 2.27 0.00	115.17 5.41 0.00	671.15 31.85 0.00	99.60 4.60 0.00	112.29 4.05 -22.34	177.94 2.18 -126.88	41.27 1.74 0.00	32.07 1.26 0.00
STEUBEN_REC_LFGE 323667	30.72 0.22 0.00	30.44 0.12 0.00	23.59 0.03 0.00	27.15 0.03 0.00	25.84 -0.07 0.00	26.03 -0.19 0.00	29.14 -0.37 0.00	24.90 -0.45 0.00	22.01 0.10 0.00	21.99 0.18 0.00	23.47 0.32 0.00	27.09 0.66 -0.13	35.53 1.01 -0.55	41.12 1.16 -0.60	42.62 1.03 -0.70	43.25 1.07 0.00	50.14 1.29 -1.04	114.88 2.66 -2.45	657.36 13.93 -4.12	98.83 1.19 -2.64	90.44 1.48 -3.06	56.63 0.77 -6.97	41.03 0.68 -0.82	31.88 0.74 -0.33
STILLWATER____SOLAR 323814	32.58 2.08 0.00	32.29 1.98 0.00	25.02 1.46 0.00	28.78 1.66 0.00	27.52 1.61 0.00	27.82 1.60 0.00	31.17 1.66 0.00	26.69 1.34 0.00	22.98 1.07 0.00	22.85 1.04 0.00	24.16 1.01 0.00	27.60 1.30 0.00	35.69 1.71 0.00	41.45 2.08 0.00	43.12 2.24 0.00	44.48 2.31 0.00	50.55 2.74 0.00	116.63 6.87 0.00	683.21 43.91 0.00	101.74 6.74 0.00	132.57 6.13 -40.53	282.47 3.38 -230.20	42.16 2.63 0.00	32.72 1.92 0.00
STONY____BROOK 24151	33.69 3.20 0.00	33.29 2.97 0.00	25.85 2.30 0.00	29.59 2.47 0.00	28.33 2.42 0.00	28.52 2.30 0.00	32.00 2.49 0.00	27.49 2.15 0.00	25.48 2.18 -1.40	24.12 2.32 0.00	75.74 2.61 -49.98	58.63 3.13 -29.20	40.04 3.97 -2.09	75.27 4.82 -31.09	74.17 4.66 -28.62	355.41 5.00 -308.23	378.68 5.38 -325.48	347.86 12.14 -225.95	783.07 62.21 -81.57	275.03 9.55 -170.49	199.52 8.24 -105.37	111.82 4.49 -58.44	78.17 4.05 -34.59	52.32 3.23 -18.28
STURGEON_POOL_HYD 23609	32.84 2.34 0.00	32.59 2.27 0.00	25.23 1.67 0.00	28.82 1.70 0.00	27.49 1.59 0.00	27.73 1.50 0.00	31.05 1.55 0.00	26.67 1.33 0.00	23.28 1.37 0.00	23.42 1.62 0.00	24.89 1.74 0.00	28.49 2.19 0.00	36.87 2.90 0.00	42.85 3.48 0.00	44.43 3.54 0.00	45.86 3.68 0.00	51.86 4.05 0.00	118.80 9.04 0.00	686.48 47.18 0.00	101.47 6.47 0.00	97.83 5.59 -6.33	88.09 3.25 -35.96	42.37 2.84 0.00	33.01 2.20 0.00
ST_LAW_115_BK7_LBMP 345037	29.42 -1.08 0.00	29.31 -1.01 0.00	22.73 -0.82 0.00	26.27 -0.85 0.00	25.11 -0.80 0.00	25.47 -0.75 0.00	28.84 -0.66 0.00	24.96 -0.39 0.00	21.48 -0.42 0.00	21.31 -0.49 0.00	22.64 -0.50 0.00	25.51 -0.79 0.00	32.81 -1.17 0.00	37.90 -1.47 0.00	39.39 -1.49 0.00	40.61 -1.57 0.00	46.09 -1.72 0.00	105.92 -3.84 0.00	617.88 -21.42 0.00	92.25 -2.75 0.00	83.35 -2.56 0.00	47.40 -1.49 0.00	38.23 -1.30 0.00	29.81 -0.99 0.00
ST_LAW_115_BK8_LBMP 345038	29.42 -1.08 0.00	29.31 -1.01 0.00	22.73 -0.82 0.00	26.27 -0.85 0.00	25.11 -0.80 0.00	25.47 -0.75 0.00	28.84 -0.66 0.00	24.96 -0.39 0.00	21.48 -0.42 0.00	21.31 -0.49 0.00	22.64 -0.50 0.00	25.51 -0.79 0.00	32.81 -1.17 0.00	37.90 -1.47 0.00	39.39 -1.49 0.00	40.61 -1.57 0.00	46.09 -1.72 0.00	105.92 -3.84 0.00	617.88 -21.42 0.00	92.25 -2.75 0.00	83.35 -2.56 0.00	47.40 -1.49 0.00	38.23 -1.30 0.00	29.81 -0.99 0.00

ST_LAW_230_BK5_LBMP 345035	29.51 -0.99 0.00	29.40 -0.92 0.00	22.80 -0.75 0.00	26.34 -0.78 0.00	25.18 -0.73 0.00	25.53 -0.69 0.00	28.90 -0.61 0.00	25.00 -0.34 0.00	21.53 -0.38 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.58 -0.72 0.00	32.90 -1.08 0.00	38.03 -1.34 0.00	39.52 -1.36 0.00	40.74 -1.44 0.00	46.23 -1.58 0.00	106.24 -3.52 0.00	619.72 -19.59 0.00	92.47 -2.52 0.00	83.55 -2.35 0.00	47.52 -1.36 0.00	38.33 -1.20 0.00	29.90 -0.91 0.00
ST_LAW_230_BK6_LBMP 345036	29.51 -0.99 0.00	29.40 -0.92 0.00	22.80 -0.75 0.00	26.34 -0.78 0.00	25.18 -0.73 0.00	25.53 -0.69 0.00	28.90 -0.61 0.00	25.00 -0.34 0.00	21.53 -0.38 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.58 -0.72 0.00	32.90 -1.08 0.00	38.03 -1.34 0.00	39.52 -1.36 0.00	40.74 -1.44 0.00	46.23 -1.58 0.00	106.24 -3.52 0.00	619.72 -19.59 0.00	92.47 -2.52 0.00	83.55 -2.35 0.00	47.52 -1.36 0.00	38.33 -1.20 0.00	29.90 -0.91 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.71 2.22 0.00	32.47 2.15 0.00	25.19 1.63 0.00	28.77 1.65 0.00	27.45 1.54 0.00	27.68 1.45 0.00	30.99 1.49 0.00	26.60 1.25 0.00	23.18 1.27 0.00	23.26 1.46 0.00	24.70 1.56 0.00	28.26 1.97 0.00	36.57 2.60 0.00	42.57 3.20 0.00	44.09 3.20 0.00	45.47 3.29 0.00	51.44 3.63 0.00	118.09 8.33 0.00	683.52 44.21 0.00	101.12 6.12 0.00	94.64 5.34 -3.39	71.27 3.13 -19.26	42.14 2.61 0.00	32.84 2.03 0.00
SWANROAD_115KV_TB1 355699	28.93 -1.56 0.00	28.78 -1.53 0.00	22.47 -1.09 0.00	25.84 -1.29 0.00	24.70 -1.21 0.00	24.83 -1.39 0.00	27.65 -1.86 0.00	23.27 -2.08 0.00	20.47 -1.43 0.00	20.32 -1.49 0.00	21.71 -1.43 0.00	24.78 -1.52 0.00	32.15 -1.83 0.00	37.26 -2.11 0.00	38.64 -2.25 0.00	40.10 -2.08 0.00	45.63 -2.18 0.00	103.17 -6.59 0.00	601.59 -38.32 -0.61	88.98 -6.02 0.00	80.51 -5.40 0.00	46.00 -2.89 0.00	37.26 -2.27 0.00	29.51 -1.30 0.00
SYNERGY___BIOGAS 323694	30.46 -0.03 0.00	30.22 -0.10 0.00	23.51 -0.05 0.00	27.04 -0.09 0.00	25.81 -0.10 0.00	25.95 -0.27 0.00	28.93 -0.58 0.00	24.44 -0.91 0.00	21.44 -0.46 0.00	21.34 -0.46 0.00	22.83 -0.31 0.00	26.13 -0.17 0.00	33.90 -0.08 0.00	39.37 0.00 0.00	40.87 -0.02 0.00	42.36 0.18 0.00	48.38 0.56 0.00	110.17 0.40 0.00	643.79 3.65 -0.84	95.43 0.43 0.00	86.34 0.44 0.00	49.13 0.25 0.00	39.56 0.03 0.00	31.09 0.29 0.00
SYRACUSE___ENERGY_ST1 323597	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.07 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.06 -9.16	661.17 6.48 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25
SYRACUSE___ENERGY_ST2 323598	30.51 0.02 0.00	30.23 -0.09 0.00	23.47 -0.09 0.00	27.03 -0.09 0.00	25.78 -0.13 0.00	26.02 -0.20 0.00	29.19 -0.32 0.00	25.03 -0.32 0.00	21.77 -0.14 0.00	21.68 -0.12 0.00	23.07 -0.08 0.00	26.85 0.05 -0.50	36.17 0.14 -2.05	41.74 0.15 -2.22	43.73 0.22 -2.63	42.48 0.30 0.00	52.10 0.41 -3.88	119.97 1.06 -9.16	661.17 6.48 -15.39	105.58 0.72 -9.86	94.29 0.72 -7.67	54.00 0.31 -4.80	42.76 0.17 -3.06	32.15 0.10 -1.25
SYRACUSE___POWER 24017	30.48 -0.01 0.00	30.21 -0.11 0.00	23.46 -0.10 0.00	27.01 -0.12 0.00	25.76 -0.15 0.00	25.99 -0.23 0.00	29.14 -0.36 0.00	24.99 -0.36 0.00	21.73 -0.18 0.00	21.65 -0.15 0.00	23.04 -0.10 0.00	26.65 0.02 -0.34	35.47 0.11 -1.38	40.98 0.11 -1.50	42.84 0.19 -1.77	42.44 0.26 0.00	50.80 0.38 -2.61	116.88 0.96 -6.16	655.58 5.92 -10.36	102.26 0.63 -6.64	91.66 0.59 -5.16	52.38 0.26 -3.23	41.72 0.13 -2.06	31.71 0.06 -0.84
TALLMAN___138KV_BK151 55660	32.97 2.48 0.00	32.76 2.44 0.00	25.40 1.84 0.00	28.99 1.86 0.00	27.64 1.73 0.00	27.86 1.63 0.00	31.17 1.67 0.00	26.77 1.42 0.00	23.35 1.45 0.00	23.46 1.66 0.00	24.92 1.77 0.00	28.51 2.21 0.00	36.90 2.92 0.00	42.97 3.60 0.00	44.45 3.56 0.00	45.83 3.65 0.00	51.81 4.00 0.00	118.85 9.09 0.00	686.60 47.30 0.00	101.48 6.48 0.00	95.09 5.66 -3.51	72.23 3.39 -19.95	42.37 2.84 0.00	33.04 2.24 0.00
TEALLAVE_115KV_TB7 355573	30.38 -0.11 0.00	30.11 -0.21 0.00	23.39 -0.16 0.00	26.92 -0.20 0.00	25.69 -0.22 0.00	25.93 -0.30 0.00	29.07 -0.44 0.00	24.91 -0.44 0.00	21.67 -0.24 0.00	21.58 -0.22 0.00	22.96 -0.18 0.00	26.49 -0.08 -0.27	35.08 -0.01 -1.11	40.55 -0.03 -1.21	42.35 0.04 -1.44	42.27 0.09 0.00	50.11 0.19 -2.12	115.24 0.48 -5.00	650.93 3.23 -8.40	100.61 0.23 -5.38	90.34 0.25 -4.18	51.58 0.07 -2.62	41.18 -0.02 -1.67	31.45 -0.04 -0.68
TELGRAPH_34_KV_EAST 80808	29.78 -0.71 0.00	29.60 -0.72 0.00	23.05 -0.51 0.00	26.51 -0.61 0.00	25.32 -0.59 0.00	25.46 -0.76 0.00	28.37 -1.14 0.00	23.93 -1.42 0.00	21.03 -0.87 0.00	20.90 -0.90 0.00	22.36 -0.79 0.00	25.55 -0.74 0.00	33.19 -0.79 0.00	38.47 -0.90 0.00	39.93 -0.96 0.00	41.43 -0.75 0.00	47.19 0.00 0.00	107.04 -2.72 0.00	625.15 -15.22 -1.07	92.40 -2.60 0.00	83.57 -2.34 0.00	47.63 -1.25 0.00	38.47 -1.06 0.00	30.34 -0.47 0.00
TEMPLE___115KV_TB 2 55572	30.40 -0.09 0.00	30.14 -0.18 0.00	23.41 -0.15 0.00	26.94 -0.18 0.00	25.71 -0.20 0.00	25.94 -0.28 0.00	29.09 -0.42 0.00	24.93 -0.42 0.00	21.68 -0.23 0.00	21.59 -0.20 0.00	22.97 -0.17 0.00	26.51 -0.06 -0.27	35.11 0.02 -1.11	40.58 0.00 -1.21	42.39 0.07 -1.43	42.31 0.13 0.00	50.15 0.23 -2.11	115.32 0.57 -4.98	651.39 3.71 -8.38	100.62 0.26 -5.37	90.34 0.26 -4.17	51.60 0.10 -2.61	41.20 0.01 -1.67	31.46 -0.02 -0.68
TIANA___69_KV_BK 1 55817	33.82 3.32 0.00	33.38 3.06 0.00	25.92 2.36 0.00	29.68 2.55 0.00	28.50 2.59 0.00	28.76 2.53 0.00	32.35 2.84 0.00	27.82 2.47 0.00	25.83 2.54 -1.39	24.48 2.68 0.00	68.42 3.06 -42.21	55.06 3.69 -25.07	40.74 4.67 -2.09	69.47 5.77 -24.34	67.24 5.62 -20.73	286.09 6.05 -237.86	280.22 6.68 -225.73	277.85 15.32 -152.78	771.66 80.98 -51.38	222.81 12.06 -115.75	171.39 10.33 -75.15	111.72 5.86 -56.97	75.34 4.93 -30.88	52.90 3.82 -18.27
TILDEN___115KV_TB1 80814	30.48 -0.01 0.00	30.21 -0.11 0.00	23.46 -0.10 0.00	27.01 -0.12 0.00	25.76 -0.15 0.00	25.99 -0.23 0.00	29.14 -0.36 0.00	24.99 -0.36 0.00	21.73 -0.18 0.00	21.65 -0.15 0.00	23.04 -0.10 0.00	26.65 0.02 -0.34	35.47 0.11 -1.38	40.98 0.11 -1.50	42.84 0.19 -1.77	42.44 0.26 0.00	50.80 0.38 -2.61	116.88 0.96 -6.16	655.58 5.92 -10.36	102.26 0.63 -6.64	91.66 0.59 -5.16	52.38 0.26 -3.23	41.72 0.13 -2.06	31.71 0.06 -0.84
TRIGEN___CC 323695	33.49 3.00 0.00	33.16 2.85 0.00	25.73 2.18 0.00	29.41 2.29 0.00	28.11 2.20 0.00	28.30 2.08 0.00	31.71 2.20 0.00	27.22 1.88 0.00	25.19 1.89 -1.39	23.84 2.04 0.00	40.21 2.28 -14.79	39.61 2.80 -10.51	39.71 3.64 -2.09	23.59 4.35 20.13	42.91 4.23 2.20	60.55 4.49 -13.88	61.90 4.85 -9.24	120.69 10.93 0.00	684.35 57.42 12.38	124.87 8.36 -21.50	99.53 7.26 -6.36	104.83 4.15 -51.79	60.25 3.71 -17.01	49.89 2.97 -16.12

TRINITY__115KV__4 BK 55933	31.61 1.11 0.00	31.39 1.08 0.00	24.57 1.01 0.00	28.22 1.10 0.00	26.99 1.08 0.00	27.28 1.05 0.00	30.52 1.01 0.00	26.16 0.81 0.00	22.57 0.67 0.00	22.38 0.58 0.00	23.70 0.55 0.00	27.00 0.70 0.00	34.90 0.92 0.00	40.58 1.21 0.00	42.12 1.24 0.00	43.47 1.29 0.00	49.22 1.41 0.00	113.16 3.39 0.00	659.91 20.61 0.00	98.07 3.07 0.00	111.89 2.77 -23.20	182.23 1.55 -131.79	40.79 1.26 0.00	31.74 0.94 0.00
UNION__PROCESSING_DRP 323587	30.19 -0.31 0.00	29.94 -0.38 0.00	23.28 -0.28 0.00	26.79 -0.34 0.00	25.56 -0.36 0.00	25.74 -0.48 0.00	28.75 -0.75 0.00	24.45 -0.89 0.00	21.39 -0.51 0.00	21.32 -0.49 0.00	22.78 -0.37 0.00	26.03 -0.27 0.00	33.77 -0.21 0.00	39.15 -0.22 0.00	40.69 -0.20 0.00	42.15 -0.03 0.00	47.97 0.16 0.00	109.57 -0.20 0.00	638.95 -0.35 0.00	94.42 -0.57 0.00	85.25 -0.66 0.00	48.45 -0.44 0.00	39.11 -0.42 0.00	30.64 -0.17 0.00
UPPER HUDSON__HYD 24058	32.77 2.28 0.00	32.39 2.08 0.00	24.97 1.41 0.00	28.72 1.59 0.00	27.52 1.61 0.00	27.84 1.61 0.00	31.19 1.68 0.00	26.78 1.43 0.00	23.00 1.09 0.00	22.89 1.09 0.00	24.15 1.00 0.00	27.63 1.34 0.00	35.71 1.74 0.00	41.43 2.06 0.00	43.14 2.26 0.00	44.48 2.31 0.00	50.75 2.94 0.00	117.33 7.57 0.00	690.50 51.20 0.00	102.79 7.79 0.00	135.06 7.06 -42.09	291.83 3.87 -239.07	42.44 2.92 0.00	32.83 2.03 0.00
UPPER RAQUET__HYD 24056	28.84 -1.66 0.00	28.60 -1.71 0.00	22.16 -1.39 0.00	25.59 -1.54 0.00	24.53 -1.38 0.00	24.99 -1.24 0.00	28.35 -1.15 0.00	24.53 -0.82 0.00	21.11 -0.79 0.00	20.91 -0.89 0.00	22.22 -0.93 0.00	25.10 -1.29 -0.08	32.63 -1.69 -0.34	37.66 -2.08 -0.37	39.18 -2.15 -0.44	39.91 -2.27 0.00	46.03 -2.43 -0.65	106.14 -5.15 -1.53	614.60 -27.27 -2.57	93.54 -3.10 -1.65	84.59 -2.60 -1.28	48.02 -1.67 -0.80	38.63 -1.42 -0.51	29.83 -1.19 -0.21
VALLEY44_115KV_TB2 355964	30.23 -0.27 0.00	30.01 -0.31 0.00	23.37 -0.19 0.00	26.78 -0.34 0.00	25.57 -0.34 0.00	25.73 -0.49 0.00	28.74 -0.77 0.00	24.44 -0.91 0.00	21.57 -0.33 0.00	21.58 -0.22 0.00	23.00 -0.15 0.00	26.41 0.11 0.00	34.25 0.27 0.00	39.38 0.01 0.00	40.68 -0.21 0.00	41.94 -0.23 0.00	47.59 -0.22 0.00	108.47 -1.29 0.00	629.57 -10.29 -0.56	92.33 -2.67 0.00	83.79 -2.12 0.00	47.74 -1.14 0.00	38.89 -0.64 0.00	30.70 -0.10 0.00
VALLEY__115KV_TB 1-4 80826	31.49 0.99 0.00	31.22 0.90 0.00	24.29 0.73 0.00	27.87 0.75 0.00	26.67 0.76 0.00	26.97 0.74 0.00	30.18 0.67 0.00	25.69 0.35 0.00	22.13 0.22 0.00	22.01 0.20 0.00	23.35 0.20 0.00	26.74 0.44 0.00	34.60 0.62 0.00	40.20 0.83 0.00	41.75 0.87 0.00	43.11 0.93 0.00	48.79 0.98 0.00	112.42 2.65 0.00	658.26 18.96 0.00	98.05 3.05 0.00	88.97 3.07 0.00	50.59 1.71 0.00	40.90 1.37 0.00	31.75 0.94 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.32 1.82 0.00	32.07 1.75 0.00	24.96 1.40 0.00	28.65 1.52 0.00	27.45 1.54 0.00	27.84 1.62 0.00	31.21 1.70 0.00	26.70 1.35 0.00	23.16 1.25 0.00	23.11 1.31 0.00	24.58 1.43 0.00	28.12 1.74 -0.08	36.60 2.28 -0.34	42.37 2.64 -0.37	44.04 2.72 -0.44	44.97 2.79 0.00	51.56 3.10 -0.65	118.13 6.84 -1.53	680.79 38.92 -2.57	102.08 5.44 -1.64	97.47 4.86 -6.70	83.27 2.78 -31.61	42.40 2.37 -0.51	32.84 1.83 -0.21
VISCHER__FERRY HYD 24020	32.13 1.63 0.00	31.91 1.59 0.00	24.80 1.24 0.00	28.51 1.38 0.00	27.27 1.36 0.00	27.55 1.33 0.00	30.85 1.34 0.00	26.42 1.07 0.00	22.77 0.87 0.00	22.63 0.83 0.00	23.92 0.77 0.00	27.29 0.99 0.00	35.28 1.30 0.00	41.00 1.63 0.00	42.60 1.71 0.00	43.92 1.75 0.00	49.77 1.96 0.00	114.65 4.89 0.00	670.37 31.07 0.00	99.75 4.75 0.00	125.16 4.33 -34.92	249.71 2.44 -198.39	41.47 1.94 0.00	32.26 1.45 0.00
V_A_10_SYNC_DSASP 323832	29.48 -1.02 0.00	29.31 -1.00 0.00	22.84 -0.72 0.00	26.29 -0.84 0.00	25.10 -0.81 0.00	25.26 -0.96 0.00	28.19 -1.32 0.00	23.85 -1.50 0.00	20.94 -0.97 0.00	20.82 -0.98 0.00	22.24 -0.91 0.00	25.40 -0.90 0.00	32.93 -1.05 0.00	38.13 -1.24 0.00	39.53 -1.36 0.00	40.99 -1.19 0.00	46.62 -1.19 0.00	105.97 -3.79 0.00	617.19 -21.80 0.31	91.11 -3.88 0.00	82.33 -3.58 0.00	46.92 -1.96 0.00	37.94 -1.59 0.00	29.93 -0.87 0.00
V_CMM_10_SYNC_DSASP 323787	29.56 -0.93 0.00	29.45 -0.87 0.00	22.84 -0.72 0.00	26.39 -0.73 0.00	25.23 -0.68 0.00	25.58 -0.64 0.00	28.97 -0.53 0.00	25.07 -0.27 0.00	21.58 -0.32 0.00	21.42 -0.38 0.00	22.76 -0.39 0.00	25.64 -0.66 0.00	32.97 -1.01 0.00	38.09 -1.28 0.00	39.60 -1.29 0.00	40.81 -1.37 0.00	46.33 -1.48 0.00	106.48 -3.29 0.00	621.07 -18.23 0.00	92.70 -2.30 0.00	83.75 -2.16 0.00	47.62 -1.26 0.00	38.40 -1.13 0.00	29.96 -0.84 0.00
V_CMP_10_SYNC_DSASP 323788	30.46 -0.04 0.00	30.14 -0.18 0.00	23.12 -0.44 0.00	26.71 -0.41 0.00	25.52 -0.39 0.00	25.92 -0.30 0.00	29.42 -0.09 0.00	25.59 0.24 0.00	22.10 0.20 0.00	21.86 0.06 0.00	23.23 0.08 0.00	26.29 -0.01 0.00	33.78 -0.20 0.00	39.22 -0.15 0.00	40.73 -0.15 0.00	42.03 -0.15 0.00	47.73 -0.08 0.00	109.43 -0.34 0.00	639.59 0.29 0.00	95.67 0.67 0.00	86.64 0.73 0.00	49.32 0.44 0.00	39.60 0.07 0.00	30.63 -0.17 0.00
V_D_10_SYNC_DSASP 323841	29.50 -1.00 0.00	29.36 -0.96 0.00	22.77 -0.79 0.00	26.31 -0.81 0.00	25.16 -0.75 0.00	25.53 -0.69 0.00	28.92 -0.59 0.00	25.02 -0.33 0.00	21.54 -0.37 0.00	21.36 -0.44 0.00	22.70 -0.45 0.00	25.57 -0.73 0.00	32.88 -1.09 0.00	38.00 -1.37 0.00	39.48 -1.40 0.00	40.70 -1.48 0.00	46.20 -1.61 0.00	106.27 -3.49 0.00	620.17 -19.13 0.00	92.66 -2.34 0.00	83.79 -2.11 0.00	47.63 -1.26 0.00	38.41 -1.12 0.00	29.96 -0.85 0.00
V_E_10_SYNC_DSASP 323830	32.89 2.39 0.00	32.45 2.13 0.00	25.20 1.64 0.00	28.72 1.59 0.00	27.57 1.66 0.00	28.05 1.83 0.00	31.44 1.93 0.00	26.90 1.55 0.00	23.29 1.39 0.00	23.14 1.34 0.00	24.60 1.45 0.00	28.43 1.94 -0.19	37.36 2.59 -0.80	43.34 3.10 -0.86	45.15 3.24 -1.02	45.82 3.65 0.00	53.47 4.16 -1.51	123.31 9.99 -3.55	710.34 65.07 -5.97	108.56 9.73 -3.82	100.61 9.27 -5.43	69.83 5.13 -15.82	44.56 3.84 -1.19	34.05 2.76 -0.48
V_F_30_NSYNC__DSASP 323816	32.60 2.11 0.00	32.32 2.00 0.00	25.04 1.48 0.00	28.81 1.68 0.00	27.54 1.63 0.00	27.84 1.62 0.00	31.19 1.69 0.00	26.72 1.37 0.00	23.02 1.12 0.00	22.90 1.09 0.00	24.23 1.09 0.00	27.68 1.39 0.00	35.79 1.81 0.00	41.59 2.22 0.00	43.26 2.37 0.00	44.63 2.45 0.00	50.70 2.89 0.00	116.93 7.17 0.00	684.58 45.28 0.00	101.90 6.90 0.00	133.37 6.24 -41.22	286.52 3.47 -234.17	42.21 2.69 0.00	32.76 1.96 0.00
V_F_30_SYNC_DSASP 323786	31.76 1.27 0.00	31.55 1.23 0.00	24.68 1.12 0.00	28.34 1.22 0.00	27.10 1.19 0.00	27.38 1.16 0.00	30.65 1.14 0.00	26.27 0.93 0.00	22.68 0.77 0.00	22.49 0.69 0.00	23.83 0.68 0.00	27.16 0.86 0.00	35.11 1.13 0.00	40.85 1.48 0.00	42.42 1.54 0.00	43.77 1.59 0.00	49.58 1.77 0.00	114.02 4.26 0.00	664.68 25.38 0.00	98.71 3.72 0.00	116.86 3.33 -27.63	207.68 1.86 -156.93	41.02 1.49 0.00	31.90 1.10 0.00

V_XM10_SYNC_DSASP 323789	30.46 -0.04 0.00	30.14 -0.18 0.00	23.12 -0.44 0.00	26.71 -0.41 0.00	25.52 -0.39 0.00	25.92 -0.30 0.00	29.42 -0.09 0.00	25.59 0.24 0.00	22.10 0.20 0.00	21.86 0.06 0.00	23.23 0.08 0.00	26.29 -0.01 0.00	33.78 -0.20 0.00	39.22 -0.15 0.00	40.73 -0.15 0.00	42.03 -0.15 0.00	47.73 -0.08 0.00	109.43 -0.34 0.00	639.59 0.29 0.00	95.67 0.67 0.00	86.64 0.73 0.00	49.32 0.44 0.00	39.60 0.07 0.00	30.63 -0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.07 2.57 0.00	32.88 2.56 0.00	25.50 1.94 0.00	29.10 1.97 0.00	27.74 1.84 0.00	27.96 1.74 0.00	31.29 1.78 0.00	26.87 1.52 0.00	23.44 1.53 0.00	23.54 1.74 0.00	25.01 1.86 0.00	28.61 2.31 0.00	37.02 3.04 0.00	43.14 3.77 0.00	44.64 3.76 0.00	46.05 3.87 0.00	52.06 4.25 0.00	119.44 9.68 0.00	689.88 50.58 0.00	101.91 6.91 0.00	95.56 6.11 -3.54	72.64 3.64 -20.11	42.57 3.04 0.00	33.18 2.37 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.34 2.84 0.00	33.08 2.77 0.00	25.66 2.10 0.00	29.28 2.15 0.00	27.95 2.04 0.00	28.14 1.92 0.00	31.50 1.99 0.00	27.06 1.71 0.00	23.65 1.74 0.00	23.76 1.96 0.00	25.25 2.10 0.00	28.90 2.61 0.00	37.38 3.40 0.00	43.45 4.08 0.00	44.98 4.09 0.00	46.35 4.17 0.00	52.38 4.57 0.00	120.26 10.50 0.00	693.62 54.31 0.00	102.59 7.59 0.00	96.28 6.65 -3.72	73.91 3.88 -21.15	42.90 3.37 0.00	33.50 2.70 0.00
W50THST__13_KV_LOAD 356117	33.54 3.04 0.00	33.28 2.96 0.00	25.80 2.24 0.00	29.43 2.31 0.00	28.09 2.18 0.00	28.29 2.07 0.00	31.67 2.16 0.00	27.21 1.86 0.00	23.78 1.88 0.00	23.91 2.11 0.00	25.41 2.27 0.00	29.08 2.78 0.00	37.61 3.63 0.00	43.69 4.32 0.00	45.23 4.34 0.00	46.61 4.43 0.00	52.70 4.89 0.00	120.97 11.20 0.00	698.04 58.73 0.00	103.20 8.20 0.00	96.83 7.20 -3.72	74.23 4.20 -21.15	43.15 3.62 0.00	33.72 2.92 0.00
WADING RIVER_IC_1 23522	33.44 2.94 0.00	33.02 2.70 0.00	25.65 2.09 0.00	29.36 2.24 0.00	28.14 2.23 0.00	28.37 2.15 0.00	31.87 2.36 0.00	27.39 2.04 0.00	25.41 2.11 -1.40	24.05 2.25 0.00	67.85 2.58 -42.13	54.42 3.10 -25.03	40.00 3.93 -2.09	68.50 4.88 -24.26	66.17 4.67 -20.61	284.21 5.07 -236.97	277.28 5.54 -223.93	273.85 12.67 -151.42	755.89 65.82 -50.76	219.62 9.99 -114.63	169.08 8.55 -74.62	110.64 4.79 -56.96	74.49 4.12 -30.84	52.32 3.23 -18.28
WADING RIVER_IC_2 23547	33.44 2.94 0.00	33.02 2.70 0.00	25.65 2.09 0.00	29.36 2.24 0.00	28.14 2.23 0.00	28.37 2.15 0.00	31.87 2.36 0.00	27.39 2.04 0.00	25.41 2.11 -1.40	24.05 2.25 0.00	67.85 2.58 -42.13	54.42 3.10 -25.03	40.00 3.93 -2.09	68.50 4.88 -24.26	66.17 4.67 -20.61	284.21 5.07 -236.97	277.28 5.54 -223.93	273.85 12.67 -151.42	755.89 65.82 -50.76	219.62 9.99 -114.63	169.08 8.55 -74.62	110.64 4.79 -56.96	74.49 4.12 -30.84	52.32 3.23 -18.28
WADING RIVER_IC_3 23601	33.44 2.94 0.00	33.02 2.70 0.00	25.65 2.09 0.00	29.36 2.24 0.00	28.14 2.23 0.00	28.37 2.15 0.00	31.87 2.36 0.00	27.39 2.04 0.00	25.41 2.11 -1.40	24.05 2.25 0.00	67.85 2.58 -42.13	54.42 3.10 -25.03	40.00 3.93 -2.09	68.50 4.88 -24.26	66.17 4.67 -20.61	284.21 5.07 -236.97	277.28 5.54 -223.93	273.85 12.67 -151.42	755.89 65.82 -50.76	219.62 9.99 -114.63	169.08 8.55 -74.62	110.64 4.79 -56.96	74.49 4.12 -30.84	52.32 3.23 -18.28
WALDENNY_12_KV_BK2 80841	29.89 -0.61 0.00	29.71 -0.61 0.00	23.14 -0.41 0.00	26.59 -0.53 0.00	25.42 -0.49 0.00	25.56 -0.66 0.00	28.49 -1.02 0.00	24.08 -1.26 0.00	21.22 -0.68 0.00	21.13 -0.67 0.00	22.62 -0.53 0.00	25.88 -0.42 0.00	33.65 -0.33 0.00	38.91 -0.46 0.00	40.39 -0.49 0.00	41.87 -0.31 0.00	47.65 -0.16 0.00	108.32 -1.44 0.00	631.29 -8.85 -0.84	92.79 -2.21 0.00	83.99 -1.93 0.00	47.78 -1.11 0.00	38.61 -0.92 0.00	30.47 -0.33 0.00
WALDEN__HYDRO 24148	32.92 2.42 0.00	32.65 2.34 0.00	25.32 1.76 0.00	28.92 1.79 0.00	27.60 1.68 0.00	27.82 1.60 0.00	31.15 1.64 0.00	26.74 1.39 0.00	23.30 1.39 0.00	23.37 1.57 0.00	24.83 1.68 0.00	28.42 2.12 0.00	36.78 2.80 0.00	42.80 3.44 0.00	44.35 3.47 0.00	45.77 3.59 0.00	51.81 4.00 0.00	119.00 9.24 0.00	689.00 49.70 0.00	101.95 6.95 0.00	95.76 6.10 -3.75	73.72 3.56 -21.27	42.48 2.95 0.00	33.08 2.27 0.00
WARRENSBURG____ 23737	32.77 2.28 0.00	32.39 2.08 0.00	24.97 1.41 0.00	28.72 1.59 0.00	27.52 1.61 0.00	27.84 1.61 0.00	31.19 1.68 0.00	26.78 1.43 0.00	23.00 1.09 0.00	22.89 1.09 0.00	24.15 1.00 0.00	27.63 1.34 0.00	35.71 1.74 0.00	41.43 2.06 0.00	43.14 2.26 0.00	44.48 2.31 0.00	50.75 2.94 0.00	117.33 7.57 0.00	690.50 51.20 0.00	102.79 7.79 0.00	135.06 7.06 -42.09	291.83 3.87 -239.07	42.44 2.92 0.00	32.83 2.03 0.00
WATERSIDE____6 8 9 23538	33.38 2.89 0.00	33.11 2.79 0.00	25.69 2.13 0.00	29.29 2.17 0.00	27.97 2.06 0.00	28.16 1.94 0.00	31.52 2.01 0.00	27.09 1.75 0.00	23.67 1.77 0.00	23.79 1.99 0.00	23.75 2.13 1.53	27.47 2.66 1.49	37.37 3.46 0.08	43.47 4.10 0.00	44.97 4.08 0.00	46.37 4.19 0.00	52.39 4.58 0.00	120.24 10.48 0.00	693.25 53.95 0.00	102.59 7.59 0.00	96.22 6.59 -3.72	73.88 3.84 -21.15	42.93 3.40 0.00	33.53 2.72 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.24 0.75 0.00	30.99 0.67 0.00	24.11 0.55 0.00	27.68 0.56 0.00	26.47 0.56 0.00	26.79 0.56 0.00	30.00 0.49 0.00	25.60 0.25 0.00	22.07 0.17 0.00	21.96 0.16 0.00	23.30 0.16 0.00	26.61 0.31 0.00	34.43 0.46 0.00	39.98 0.62 0.00	41.53 0.65 0.00	42.87 0.70 0.00	48.57 0.76 0.00	111.80 2.04 0.00	653.47 14.17 0.00	97.22 2.22 0.00	88.17 2.26 0.00	50.16 1.27 0.00	40.54 1.02 0.00	31.49 0.69 0.00
WATSON__69_KV_BK 1 55734	34.06 3.57 0.00	33.65 3.33 0.00	26.13 2.57 0.00	29.90 2.78 0.00	28.61 2.70 0.00	28.80 2.57 0.00	32.30 2.79 0.00	27.74 2.40 0.00	25.70 2.40 -1.39	24.33 2.53 0.00	54.53 2.79 -28.60	47.51 3.37 -17.84	40.41 4.34 -2.09	57.25 5.38 -12.50	56.60 5.09 -10.62	174.93 5.43 -127.32	174.72 5.95 -120.96	202.32 13.52 -79.04	738.00 71.73 -26.98	177.21 10.84 -71.37	137.03 9.37 -41.76	108.47 5.19 -54.40	68.36 4.44 -24.39	52.72 3.63 -18.28
WDELAWARE__HYD 323627	32.11 1.61 0.00	31.81 1.49 0.00	24.61 1.06 0.00	28.09 0.96 0.00	26.78 0.87 0.00	27.02 0.80 0.00	30.27 0.76 0.00	25.99 0.64 0.00	22.65 0.75 0.00	22.74 0.94 0.00	24.18 1.03 0.00	27.65 1.35 0.00	35.71 1.73 0.00	40.62 1.26 0.00	42.18 1.30 0.00	43.60 1.42 0.00	49.31 1.50 0.00	113.54 3.77 0.00	659.06 19.76 0.00	97.61 2.62 0.00	92.19 2.22 -4.06	74.42 2.47 -23.07	41.53 2.00 0.00	32.25 1.44 0.00
WEST BABYLON__IC 23714	33.97 3.48 0.00	33.57 3.26 0.00	26.07 2.51 0.00	29.81 2.69 0.00	28.52 2.61 0.00	28.70 2.47 0.00	32.18 2.67 0.00	27.64 2.30 0.00	25.60 2.30 -1.39	24.23 2.43 0.00	43.94 2.64 -18.15	41.79 3.20 -12.30	40.22 4.15 -2.09	47.87 5.08 -3.43	48.28 4.82 -2.57	88.85 5.17 -41.50	88.46 5.66 -34.98	140.62 12.75 -18.11	713.17 67.89 -5.97	138.36 10.17 -33.19	109.29 8.81 -14.57	106.27 4.96 -52.42	63.22 4.28 -19.41	52.62 3.53 -18.29

WEST CANADA___HYD 24049	30.77 0.28 0.00	30.57 0.25 0.00	23.77 0.21 0.00	27.34 0.22 0.00	26.13 0.22 0.00	26.46 0.23 0.00	29.72 0.21 0.00	25.48 0.14 0.00	22.03 0.13 0.00	21.94 0.14 0.00	23.29 0.14 0.00	26.51 0.21 0.00	34.28 0.31 0.00	39.76 0.39 0.00	41.27 0.39 0.00	42.58 0.40 0.00	48.24 0.43 0.00	110.74 0.97 0.00	645.04 5.74 0.00	95.85 0.85 0.00	86.68 0.77 0.00	49.33 0.44 0.00	39.93 0.39 0.00	31.09 0.29 0.00
WESTERN_NY_WIND 24143	30.42 -0.08 0.00	30.19 -0.13 0.00	23.48 -0.08 0.00	27.00 -0.13 0.00	25.77 -0.14 0.00	25.92 -0.31 0.00	28.88 -0.63 0.00	24.41 -0.94 0.00	21.41 -0.50 0.00	21.30 -0.50 0.00	22.80 -0.35 0.00	26.08 -0.21 0.00	33.84 -0.14 0.00	39.29 -0.08 0.00	40.80 -0.08 0.00	42.28 0.11 0.00	48.28 0.47 0.00	109.92 0.16 0.00	642.55 2.34 -0.91	95.21 0.22 0.00	86.15 0.25 0.00	49.02 0.13 0.00	39.49 -0.04 0.00	31.03 0.22 0.00
WESTOVER___LESR 323668	30.96 0.47 0.00	30.72 0.40 0.00	23.88 0.32 0.00	27.41 0.28 0.00	26.17 0.26 0.00	26.41 0.18 0.00	29.60 0.09 0.00	25.33 -0.01 0.00	22.10 0.20 0.00	22.05 0.24 0.00	23.49 0.34 0.00	27.09 0.61 -0.18	35.63 0.90 -0.75	41.12 0.94 -0.82	42.86 1.00 -0.97	43.17 0.99 0.00	50.37 1.13 -1.43	115.76 2.61 -3.38	659.32 14.33 -5.69	99.85 1.21 -3.64	91.82 1.50 -4.41	60.39 0.79 -10.71	41.31 0.65 -1.13	31.80 0.53 -0.46
WETHRSFD_WT_PWR 323626	29.94 -0.56 0.00	29.73 -0.59 0.00	23.15 -0.41 0.00	26.59 -0.53 0.00	25.40 -0.51 0.00	25.56 -0.67 0.00	28.54 -0.96 0.00	24.23 -1.11 0.00	21.36 -0.55 0.00	21.29 -0.52 0.00	22.73 -0.42 0.00	26.06 -0.24 0.00	33.82 -0.16 0.00	39.11 -0.26 0.00	40.55 -0.33 0.00	41.94 -0.24 0.00	47.65 -0.16 0.00	108.70 -1.06 0.00	632.57 -7.03 -0.30	93.01 -1.99 0.00	84.40 -1.51 0.00	48.02 -0.86 0.00	38.83 -0.70 0.00	30.58 -0.22 0.00
WHAVSTOR_138KV_BK127 55557	32.90 2.40 0.00	32.71 2.40 0.00	25.37 1.81 0.00	28.96 1.83 0.00	27.61 1.71 0.00	27.83 1.60 0.00	31.14 1.63 0.00	26.74 1.39 0.00	23.33 1.42 0.00	23.42 1.62 0.00	24.87 1.72 0.00	28.44 2.14 0.00	36.76 2.79 0.00	42.82 3.45 0.00	44.29 3.40 0.00	45.67 3.49 0.00	51.63 3.82 0.00	118.43 8.67 0.00	684.12 44.82 0.00	101.11 6.11 0.00	94.84 5.38 -3.55	72.27 3.24 -20.15	42.27 2.74 0.00	32.97 2.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.90 2.40 0.00	32.71 2.40 0.00	25.37 1.81 0.00	28.96 1.83 0.00	27.61 1.71 0.00	27.83 1.60 0.00	31.14 1.63 0.00	26.74 1.39 0.00	23.33 1.42 0.00	23.42 1.62 0.00	24.87 1.72 0.00	28.44 2.14 0.00	36.76 2.79 0.00	42.82 3.45 0.00	44.29 3.40 0.00	45.67 3.49 0.00	51.63 3.82 0.00	118.43 8.67 0.00	684.12 44.82 0.00	101.11 6.11 0.00	94.84 5.38 -3.55	72.27 3.24 -20.15	42.27 2.74 0.00	32.97 2.16 0.00
WHITEHAL_115KV_TB1 80871	34.09 3.60 0.00	33.57 3.26 0.00	25.38 1.82 0.00	29.27 2.14 0.00	28.34 2.43 0.00	28.68 2.46 0.00	32.10 2.59 0.00	27.70 2.35 0.00	23.49 1.58 0.00	23.25 1.44 0.00	24.65 1.50 0.00	28.22 1.92 0.00	36.38 2.40 0.00	42.59 3.22 0.00	44.47 3.58 0.00	45.76 3.58 0.00	52.74 4.93 0.00	122.48 12.72 0.00	719.08 79.78 0.00	107.09 12.09 0.00	137.87 10.23 -41.73	291.59 5.67 -237.04	43.78 4.25 0.00	33.75 2.95 0.00
WHITEPLN_13_KV_LOAD 356215	33.53 3.03 0.00	33.26 2.94 0.00	25.77 2.22 0.00	29.43 2.30 0.00	28.08 2.17 0.00	28.30 2.08 0.00	31.67 2.16 0.00	27.20 1.85 0.00	23.74 1.84 0.00	23.85 2.05 0.00	25.35 2.20 0.00	29.03 2.73 0.00	37.57 3.60 0.00	43.70 4.33 0.00	45.26 4.37 0.00	46.71 4.53 0.00	52.87 5.06 0.00	121.44 11.68 0.00	701.67 62.37 0.00	103.80 8.81 0.00	97.33 7.71 -3.72	74.43 4.45 -21.10	43.26 3.73 0.00	33.71 2.90 0.00
WM_FLOYD_69_KV_BK2 356380	33.76 3.26 0.00	33.34 3.02 0.00	25.90 2.34 0.00	29.64 2.52 0.00	28.40 2.49 0.00	28.61 2.39 0.00	32.13 2.62 0.00	27.60 2.25 0.00	25.60 2.30 -1.39	24.22 2.42 0.00	68.56 2.74 -42.68	54.90 3.29 -25.32	40.26 4.19 -2.09	69.29 5.18 -24.74	67.21 4.96 -21.37	290.14 5.35 -242.62	288.39 5.87 -234.71	282.71 13.45 -159.50	764.22 70.50 -54.42	226.97 10.73 -121.25	172.94 9.23 -77.80	111.12 5.18 -57.06	75.06 4.43 -31.10	52.56 3.48 -18.27
WOODARD__115KV_TB2 355635	30.32 -0.18 0.00	30.05 -0.27 0.00	23.34 -0.22 0.00	26.87 -0.25 0.00	25.64 -0.27 0.00	25.88 -0.34 0.00	29.02 -0.49 0.00	24.88 -0.46 0.00	21.63 -0.27 0.00	21.55 -0.25 0.00	22.92 -0.23 0.00	26.52 -0.14 -0.36	35.37 -0.09 -1.48	40.85 -0.13 -1.61	42.71 -0.08 -1.90	42.15 -0.02 0.00	50.67 0.05 -2.81	116.54 0.16 -6.63	651.75 1.32 -11.14	102.11 -0.03 -7.14	91.46 0.00 -5.55	52.31 -0.05 -3.47	41.64 -0.10 -2.21	31.59 -0.11 -0.90
YORK___WARBASSE 23770	33.53 3.03 0.00	33.23 2.91 0.00	25.78 2.22 0.00	29.39 2.26 0.00	28.05 2.14 0.00	28.25 2.02 0.00	31.62 2.11 0.00	27.18 1.83 0.00	23.74 1.84 0.00	23.87 2.07 0.00	34.22 2.21 -8.87	37.66 2.74 -8.62	37.99 3.58 -0.43	43.62 4.25 0.00	45.15 4.27 0.00	46.56 4.38 0.00	52.59 4.78 0.00	120.70 10.93 0.00	695.13 55.83 0.00	102.88 7.89 0.00	96.38 6.74 -3.72	73.99 3.95 -21.15	43.11 3.58 0.00	33.73 2.92 -0.01