

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/02/2023

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	33.44	30.87	29.08	27.93	22.87	20.17	22.67	21.18	25.37	27.34	34.74	35.24	37.28	39.90	36.94	33.54	42.84	53.47	49.97	125.75	98.06	46.94	39.60	37.71
24138	1.74	1.63	1.51	1.41	1.19	1.03	1.23	1.41	1.63	1.79	2.18	2.45	2.67	3.03	2.97	2.67	3.49	4.51	4.03	9.50	7.60	3.68	2.92	2.34
	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
74TH STREET_GT_1	33.56	30.99	29.19	28.06	22.98	20.26	22.77	21.27	25.47	27.45	34.85	35.38	37.43	40.09	37.11	33.71	43.04	53.72	50.23	126.37	98.60	47.17	39.80	37.91
24260	1.86	1.76	1.63	1.54	1.30	1.12	1.33	1.49	1.73	1.89	2.29	2.59	2.83	3.21	3.14	2.84	3.70	4.76	4.29	10.12	8.14	3.92	3.12	2.54
	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
74TH STREET_GT_2	33.56	30.99	29.19	28.06	22.98	20.26	22.77	21.27	25.47	27.45	34.85	35.38	37.43	40.09	37.11	33.71	43.04	53.72	50.23	126.37	98.60	47.17	39.80	37.91
24261	1.86	1.76	1.63	1.54	1.30	1.12	1.33	1.49	1.73	1.89	2.29	2.59	2.83	3.21	3.14	2.84	3.70	4.76	4.29	10.12	8.14	3.92	3.12	2.54
	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
ADK HUDSON___FALLS	33.96	31.28	29.43	28.33	23.17	20.40	22.92	21.28	25.52	27.56	34.85	35.14	37.05	39.12	35.94	32.56	41.47	51.66	48.88	125.17	97.61	46.40	39.35	37.74
24011	2.27	2.04	1.87	1.80	1.50	1.27	1.49	1.50	1.78	2.00	2.28	2.35	2.45	2.24	1.97	1.68	2.13	2.70	2.93	8.93	7.15	3.15	2.68	2.37
	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
ADK RESOURCE___RCVRY	34.29	31.57	29.70	28.58	23.38	20.57	23.14	21.48	25.75	27.81	35.14	35.41	37.36	39.39	36.15	32.72	41.68	51.95	49.23	126.37	98.56	46.71	39.63	38.06
23798	2.59	2.34	2.14	2.06	1.70	1.44	1.70	1.70	2.01	2.26	2.58	2.62	2.75	2.51	2.19	1.86	2.33	2.99	3.28	10.12	8.09	3.45	2.95	2.69
	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
ADK S GLENS___FALLS	33.96	31.28	29.43	28.33	23.17	20.40	22.92	21.28	25.52	27.56	34.85	35.14	37.05	39.12	35.94	32.56	41.47	51.66	48.88	125.17	97.61	46.40	39.35	37.74
24028	2.27	2.04	1.87	1.80	1.50	1.27	1.49	1.50	1.78	2.00	2.28	2.35	2.45	2.24	1.97	1.68	2.13	2.70	2.93	8.93	7.15	3.15	2.68	2.37
	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
ADK_NYS___DAM	33.37	30.83	29.02	28.09	22.99	20.25	22.75	21.04	25.21	27.18	34.51	34.79	36.72	39.00	35.85	32.48	41.31	51.27	48.16	122.67	95.19	45.52	38.72	37.09
23527	1.67	1.59	1.45	1.57	1.32	1.11	1.31	1.27	1.47	1.63	1.95	2.00	2.11	2.12	1.88	1.61	1.96	2.31	2.21	6.42	4.72	2.27	2.04	1.72
	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
AIR_PRODUCTS___DRP	32.20	29.71	27.97	26.95	22.07	19.48	21.83	20.25	24.26	26.13	33.23	33.54	35.40	37.71	34.76	31.56	40.25	50.14	47.01	119.12	92.54	44.23	37.50	35.92
24190	0.50	0.47	0.40	0.43	0.39	0.34	0.39	0.47	0.52	0.58	0.67	0.75	0.79	0.83	0.79	0.69	0.89	1.18	1.06	2.87	2.08	0.97	0.81	0.55
	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
AKWESSNE_115KV_BK	31.53	29.16	27.49	26.46	21.62	19.05	21.31	19.47	23.40	25.20	32.15	32.33	34.08	36.40	33.47	30.47	38.81	48.24	45.34	114.75	89.40	42.86	36.39	35.32
355683	-0.16	-0.08	-0.07	-0.06	-0.06	-0.09	-0.12	-0.31	-0.34	-0.35	-0.41	-0.46	-0.53	-0.47	-0.50	-0.40	-0.54	-0.71	-0.60	-1.50	-1.06	-0.39	-0.30	-0.05
	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	32.20	29.71	27.97	26.95	22.07	19.48	21.83	20.25	24.26	26.13	33.23	33.54	35.40	37.71	34.76	31.56	40.25	50.14	47.01	119.12	92.54	44.23	37.50	35.92
23571	0.50	0.47	0.40	0.43	0.39	0.34	0.39	0.47	0.52	0.58	0.67	0.75	0.79	0.83	0.79	0.69	0.89	1.18	1.06	2.87	2.08	0.97	0.81	0.55
	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___2	32.20	29.71	27.97	26.95	22.07	19.48	21.83	20.25	24.26	26.13	33.23	33.54	35.40	37.71	34.76	31.56	40.25	50.14	47.01	119.12	92.54	44.23	37.50	35.92
23572	0.50	0.47	0.40	0.43	0.39	0.34	0.39	0.47	0.52	0.58	0.67	0.75	0.79	0.83	0.79	0.69	0.89	1.18	1.06	2.87	2.08	0.97	0.81	0.55
	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___3	32.20	29.71	27.97	26.95	22.07	19.48	21.83	20.25	24.26	26.13	33.23	33.54	35.40	37.71	34.76	31.56	40.25	50.14	47.01	119.12	92.54	44.23	37.50	35.92
23573	0.50	0.47	0.40	0.43	0.39	0.34	0.39	0.47	0.52	0.58	0.67	0.75	0.79	0.83	0.79	0.69	0.89	1.18	1.06	2.87	2.08	0.97	0.81	0.55
	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___4 23574	32.20 0.50 0.00	29.71 0.47 0.00	27.97 0.40 0.00	26.95 0.43 0.00	22.07 0.39 0.00	19.48 0.34 0.00	21.83 0.39 0.00	20.25 0.47 0.00	24.26 0.52 0.00	26.13 0.58 0.00	33.23 0.67 0.00	33.54 0.75 0.00	35.40 0.79 0.00	37.71 0.83 0.00	34.76 0.79 0.00	31.56 0.69 0.00	40.25 0.89 0.00	50.14 1.18 0.00	47.01 1.06 0.00	119.12 2.87 0.00	92.54 2.08 0.00	44.23 0.97 0.00	37.50 0.81 0.00	35.92 0.55 0.00
ALBANY___LFGE 323615	32.58 0.88 0.00	30.04 0.80 0.00	28.29 0.72 0.00	27.25 0.73 0.00	22.31 0.63 0.00	19.68 0.55 0.00	22.06 0.63 0.00	20.47 0.69 0.00	24.53 0.79 0.00	26.43 0.88 0.00	33.62 1.06 0.00	33.94 1.14 0.00	35.81 1.20 0.00	38.13 1.25 0.00	35.15 1.18 0.00	31.91 1.04 0.00	40.70 1.35 0.00	50.71 1.76 0.00	47.56 1.61 0.00	120.49 4.23 0.00	93.62 3.16 0.00	44.73 1.48 0.00	37.93 1.25 0.00	36.33 0.96 0.00
ALCOA_PA_115KV_PL-6C 55860	31.86 0.16 0.00	29.46 0.22 0.00	27.78 0.22 0.00	26.73 0.21 0.00	21.85 0.17 0.00	19.25 0.12 0.00	21.54 0.11 0.00	19.60 -0.17 0.00	23.58 -0.16 0.00	25.38 -0.17 0.00	32.39 -0.17 0.00	32.57 -0.22 0.00	34.34 -0.26 0.00	36.66 -0.22 0.00	33.70 -0.27 0.00	30.69 -0.18 0.00	39.10 -0.25 0.00	48.61 -0.34 0.00	45.70 -0.25 0.00	115.67 -0.57 0.00	90.08 -0.38 0.00	43.21 -0.05 0.00	36.69 0.01 0.00	35.73 0.36 0.00
ALCOA_RYNLDS___DRP 24188	31.86 0.16 0.00	29.46 0.22 0.00	27.78 0.22 0.00	26.73 0.21 0.00	21.85 0.17 0.00	19.25 0.12 0.00	21.54 0.11 0.00	19.60 -0.17 0.00	23.58 -0.16 0.00	25.38 -0.17 0.00	32.39 -0.17 0.00	32.57 -0.22 0.00	34.34 -0.26 0.00	36.66 -0.22 0.00	33.70 -0.27 0.00	30.69 -0.18 0.00	39.10 -0.25 0.00	48.61 -0.34 0.00	45.70 -0.25 0.00	115.67 -0.57 0.00	90.08 -0.38 0.00	43.21 -0.05 0.00	36.69 0.01 0.00	35.73 0.36 0.00
ALCOA___DSASP 323711	31.86 0.16 0.00	29.46 0.22 0.00	27.78 0.22 0.00	26.73 0.21 0.00	21.85 0.17 0.00	19.25 0.12 0.00	21.54 0.11 0.00	19.61 -0.17 0.00	23.58 -0.16 0.00	25.38 -0.17 0.00	32.39 -0.17 0.00	32.57 -0.22 0.00	34.34 -0.26 0.00	36.66 -0.21 0.00	33.70 -0.27 0.00	30.69 -0.18 0.00	39.10 -0.25 0.00	48.61 -0.34 0.00	45.70 -0.24 0.00	115.68 -0.57 0.00	90.09 -0.38 0.00	43.21 -0.05 0.00	36.69 0.01 0.00	35.73 0.36 0.00
ALLEGHENY___COGEN 23514	33.63 1.93 0.00	30.67 1.44 0.00	28.96 1.39 0.00	27.76 1.24 0.00	22.58 0.90 0.00	19.99 0.85 0.00	22.36 0.92 0.00	20.83 1.05 0.00	24.85 1.10 0.00	26.44 0.89 0.00	33.95 1.39 0.00	33.92 1.13 0.00	35.61 1.00 0.00	37.62 0.74 0.00	34.46 0.49 0.00	31.38 0.51 0.00	39.79 0.44 0.00	49.65 0.69 0.00	46.95 1.01 0.00	118.46 2.21 0.00	92.59 2.13 0.00	44.84 1.58 0.00	38.11 1.42 0.00	36.86 1.48 0.00
ALTAMONT_115KV_TB 2 55880	32.62 0.92 0.00	30.09 0.85 0.00	28.34 0.78 0.00	27.30 0.78 0.00	22.34 0.66 0.00	19.71 0.57 0.00	22.11 0.67 0.00	20.51 0.73 0.00	24.58 0.84 0.00	26.47 0.92 0.00	33.66 1.10 0.00	33.97 1.18 0.00	35.83 1.23 0.00	38.18 1.30 0.00	35.19 1.22 0.00	31.95 1.08 0.00	40.74 1.39 0.00	50.77 1.81 0.00	47.61 1.67 0.00	120.61 4.36 0.00	93.78 3.32 0.00	44.81 1.55 0.00	37.98 1.30 0.00	36.42 1.04 0.00
ALTONA_WT_PWR 323606	31.94 0.25 0.00	29.65 0.41 0.00	27.92 0.36 0.00	26.84 0.32 0.00	21.89 0.22 0.00	19.29 0.15 0.00	21.58 0.15 0.00	19.79 0.01 0.00	23.82 0.08 0.00	25.73 0.18 0.00	32.78 0.22 0.00	32.94 0.15 0.00	34.72 0.11 0.00	36.89 0.02 0.00	33.99 0.03 0.00	31.03 0.16 0.00	39.47 0.11 0.00	49.18 0.23 0.00	46.27 0.32 0.00	117.53 1.28 0.00	91.47 1.01 0.00	43.73 0.47 0.00	37.16 0.48 0.00	35.98 0.60 0.00
AMERICAN_REF_FUEL 24010	31.46 -0.23 0.00	28.67 -0.57 0.00	27.17 -0.40 0.00	26.03 -0.49 0.00	21.19 -0.49 0.00	18.76 -0.37 0.00	20.88 -0.55 0.00	19.46 -0.31 0.00	23.53 -0.21 0.00	24.99 -0.57 0.00	31.93 -0.63 0.00	31.91 -0.88 0.00	33.38 -1.23 0.00	35.13 -1.75 0.00	32.01 -1.96 0.00	29.05 -1.82 0.00	36.68 -2.67 0.00	45.15 -3.80 0.00	42.55 -3.40 0.00	107.17 -9.08 0.00	83.47 -7.00 0.00	40.65 -2.61 0.00	34.95 -1.74 0.00	34.18 -1.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.93 1.23 0.00	30.01 0.77 0.00	28.34 0.77 0.00	27.25 0.73 0.00	22.18 0.50 0.00	19.65 0.52 0.00	21.82 0.39 0.00	20.43 0.66 0.00	24.74 0.99 0.00	26.46 0.90 0.00	33.80 1.24 0.00	33.60 0.81 0.00	35.48 0.88 0.00	37.42 0.55 0.00	34.12 0.15 0.00	30.98 0.11 0.00	39.32 -0.03 0.00	48.62 -0.33 0.00	45.73 -0.21 0.00	115.65 -0.60 0.00	89.90 -0.56 0.00	43.38 0.12 0.00	36.96 0.28 0.00	35.98 0.61 0.00
ARTHUR_KILL_GT_1 23520	33.38 1.68 0.00	30.94 1.70 0.00	29.15 1.58 0.00	28.00 1.48 0.00	22.90 1.22 0.00	20.16 1.02 0.00	22.67 1.24 0.00	21.17 1.39 0.00	25.26 1.52 0.00	27.17 1.61 0.00	34.09 1.86 0.34	33.59 2.21 1.41	33.89 2.44 3.15	39.31 2.85 0.42	36.76 2.85 0.07	33.43 2.57 0.01	42.65 3.30 0.01	53.25 4.29 0.00	49.99 4.05 0.00	125.62 9.37 0.00	98.27 7.81 0.00	46.99 3.73 0.00	39.44 2.87 0.12	37.53 2.27 0.12
ARTHUR_KILL_2 23512	33.26 1.56 0.00	30.84 1.61 0.00	29.05 1.49 0.00	27.91 1.39 0.00	22.83 1.15 0.00	20.10 0.97 0.00	22.61 1.17 0.00	21.10 1.33 0.00	25.19 1.45 0.00	27.09 1.53 0.00	33.98 1.76 0.34	33.46 2.08 1.41	33.76 2.30 3.15	39.16 2.69 0.42	36.60 2.70 0.07	33.30 2.44 0.01	42.47 3.12 0.01	53.02 4.07 0.00	49.78 3.84 0.00	125.12 8.88 0.00	97.85 7.38 0.00	46.80 3.54 0.00	39.28 2.72 0.12	37.39 2.13 0.12
ARTHUR_KILL_3 23513	33.11 1.41 0.00	30.58 1.35 0.00	28.81 1.24 0.00	27.68 1.16 0.00	22.67 0.99 0.00	19.99 0.85 0.00	22.46 1.02 0.00	20.99 1.21 0.00	25.13 1.39 0.00	27.07 1.52 0.00	34.34 1.78 0.00	34.86 2.07 0.00	36.86 2.26 0.00	39.40 2.58 0.06	36.54 2.57 0.00	33.20 2.33 0.00	42.39 3.04 0.00	52.92 3.96 0.00	49.47 3.52 0.00	124.41 8.16 0.00	97.09 6.63 0.00	46.49 3.23 0.00	39.07 2.51 0.12	37.20 1.95 0.12
ARTHUR_KILL_COGEN 323718	33.38 1.68 0.00	30.94 1.70 0.00	29.15 1.58 0.00	28.00 1.48 0.00	22.90 1.22 0.00	20.16 1.02 0.00	22.67 1.24 0.00	21.17 1.39 0.00	25.26 1.52 0.00	27.17 1.61 0.00	34.09 1.86 0.34	33.59 2.21 1.41	33.89 2.44 3.15	39.31 2.85 0.42	36.76 2.85 0.07	33.43 2.57 0.01	42.65 3.30 0.01	53.25 4.29 0.00	49.99 4.05 0.00	125.62 9.37 0.00	98.27 7.81 0.00	46.99 3.73 0.00	39.44 2.87 0.12	37.53 2.27 0.12
ASHOKAN____ 23654	33.01 1.31 0.00	30.41 1.18 0.00	28.61 1.04 0.00	27.53 1.01 0.00	22.53 0.85 0.00	19.87 0.74 0.00	22.32 0.88 0.00	20.78 1.01 0.00	24.97 1.23 0.00	26.97 1.41 0.00	34.34 1.78 0.00	34.69 1.90 0.00	36.52 1.92 0.00	38.79 1.92 0.00	35.70 1.73 0.00	32.47 1.61 0.00	41.62 2.27 0.00	52.21 3.25 0.00	48.98 3.03 0.00	124.06 7.81 0.00	96.39 5.93 0.00	45.94 2.68 0.00	38.80 2.12 0.00	37.06 1.68 0.00

Astoria_East_Energy_CC1 323581	33.30 1.61 0.00	30.77 1.53 0.00	29.01 1.44 0.00	27.86 1.34 0.00	22.85 1.18 0.00	20.13 0.99 0.00	22.63 1.19 0.00	21.14 1.37 0.00	25.27 1.53 0.00	27.22 1.66 0.00	34.48 1.92 0.00	35.01 2.22 0.00	37.04 2.43 0.00	39.73 2.86 0.00	36.78 2.81 0.00	33.43 2.56 0.00	42.62 3.27 0.00	53.20 4.25 0.00	49.81 3.86 0.00	125.21 8.96 0.00	97.77 7.31 0.00	46.80 3.55 0.00	39.51 2.83 0.00	37.63 2.26 0.00
Astoria_East_Energy_CC2 323582	33.30 1.61 0.00	30.77 1.53 0.00	29.01 1.44 0.00	27.86 1.34 0.00	22.85 1.18 0.00	20.13 0.99 0.00	22.63 1.19 0.00	21.14 1.37 0.00	25.27 1.53 0.00	27.22 1.66 0.00	34.48 1.92 0.00	35.01 2.22 0.00	37.04 2.43 0.00	39.73 2.86 0.00	36.78 2.81 0.00	33.43 2.56 0.00	42.62 3.27 0.00	53.20 4.25 0.00	49.81 3.86 0.00	125.21 8.96 0.00	97.77 7.31 0.00	46.80 3.55 0.00	39.51 2.83 0.00	37.63 2.26 0.00
Astoria_GT2_1 24094	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT2_2 24095	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT2_3 24096	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT2_4 24097	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT3_1 24098	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT3_2 24099	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT3_3 24100	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT3_4 24101	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT4_1 24102	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT4_2 24103	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT4_3 24104	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT4_4 24105	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.57 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.85 7.38 0.00	46.83 3.57 0.00	39.52 2.85 0.00	37.66 2.28 0.00
Astoria_GT_1 23523	33.38 1.68 0.00	30.84 1.60 0.00	29.07 1.51 0.00	27.93 1.41 0.00	22.91 1.23 0.00	20.18 1.04 0.00	22.68 1.24 0.00	21.19 1.42 0.00	25.32 1.58 0.00	27.29 1.73 0.00	34.57 2.00 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.83 2.96 0.00	36.88 2.91 0.00	33.51 2.64 0.00	42.73 3.38 0.00	53.34 4.39 0.00	49.92 3.98 0.00	125.56 9.31 0.00	98.05 7.58 0.00	46.92 3.67 0.00	39.61 2.93 0.00	37.73 2.36 0.00

ASTORIA_GT_10 24110	33.34 1.64 0.00	30.81 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.55 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.52 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.48 2.61 0.00	42.70 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.78 7.31 0.00	46.82 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
ASTORIA_GT_11 24225	33.34 1.64 0.00	30.81 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.55 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.52 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.48 2.61 0.00	42.70 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.78 7.31 0.00	46.82 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
ASTORIA_GT_12 24226	33.34 1.64 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.47 2.60 0.00	42.69 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
ASTORIA_GT_13 24227	33.34 1.64 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.47 2.60 0.00	42.69 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
ASTORIA_GT_5 24106	33.38 1.68 0.00	30.84 1.60 0.00	29.07 1.51 0.00	27.93 1.41 0.00	22.91 1.23 0.00	20.18 1.04 0.00	22.68 1.24 0.00	21.19 1.42 0.00	25.32 1.58 0.00	27.29 1.73 0.00	34.57 2.00 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.83 2.96 0.00	36.88 2.91 0.00	33.51 2.64 0.00	42.73 3.38 0.00	53.34 4.39 0.00	49.92 3.98 0.00	125.56 9.31 0.00	98.05 7.58 0.00	46.92 3.67 0.00	39.61 2.93 0.00	37.73 2.36 0.00
ASTORIA_GT_7 24107	33.38 1.68 0.00	30.84 1.60 0.00	29.07 1.51 0.00	27.93 1.41 0.00	22.91 1.23 0.00	20.18 1.04 0.00	22.68 1.24 0.00	21.19 1.42 0.00	25.32 1.58 0.00	27.29 1.73 0.00	34.57 2.00 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.83 2.96 0.00	36.88 2.91 0.00	33.51 2.64 0.00	42.73 3.38 0.00	53.34 4.39 0.00	49.92 3.98 0.00	125.56 9.31 0.00	98.05 7.58 0.00	46.92 3.67 0.00	39.61 2.93 0.00	37.73 2.36 0.00
ASTORIA_GT_8 24108	33.38 1.68 0.00	30.84 1.61 0.00	29.08 1.51 0.00	27.93 1.41 0.00	22.91 1.23 0.00	20.18 1.04 0.00	22.68 1.24 0.00	21.19 1.41 0.00	25.32 1.58 0.00	27.29 1.73 0.00	34.56 2.00 0.00	35.10 2.31 0.00	37.13 2.52 0.00	39.83 2.96 0.00	36.88 2.91 0.00	33.52 2.65 0.00	42.73 3.39 0.00	53.34 4.38 0.00	49.92 3.98 0.00	125.55 9.30 0.00	98.04 7.58 0.00	46.92 3.66 0.00	39.61 2.93 0.00	37.73 2.36 0.00
ASTORIA___2 24149	33.32 1.62 0.00	30.79 1.55 0.00	29.02 1.46 0.00	27.87 1.35 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.50 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.75 2.87 0.00	36.80 2.83 0.00	33.43 2.56 0.00	42.64 3.29 0.00	53.22 4.27 0.00	49.82 3.87 0.00	125.32 9.07 0.00	97.86 7.39 0.00	46.82 3.57 0.00	39.53 2.85 0.00	37.66 2.29 0.00
ASTORIA___3 23516	33.34 1.64 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.47 2.60 0.00	42.69 3.35 0.00	53.26 4.30 0.00	49.83 3.88 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.55 0.00	39.50 2.82 0.00	37.63 2.26 0.00
ASTORIA___4 23517	33.34 1.64 0.00	30.81 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.55 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.52 0.00	39.77 2.90 0.00	36.84 2.87 0.00	33.48 2.61 0.00	42.70 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
ASTORIA___5 23518	33.34 1.64 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.47 2.60 0.00	42.69 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
AST_ENERGY_2_CC3 323677	33.21 1.51 0.00	30.68 1.44 0.00	28.91 1.34 0.00	27.77 1.25 0.00	22.76 1.08 0.00	20.06 0.93 0.00	22.55 1.12 0.00	21.06 1.29 0.00	25.21 1.47 0.00	27.16 1.61 0.00	34.46 1.90 0.00	34.98 2.19 0.00	37.00 2.40 0.00	39.62 2.74 0.00	36.68 2.71 0.00	33.32 2.45 0.00	42.54 3.20 0.00	53.11 4.15 0.00	49.67 3.73 0.00	124.97 8.72 0.00	97.51 7.05 0.00	46.64 3.38 0.00	39.36 2.68 0.00	37.49 2.12 0.00
AST_ENERGY_2_CC4 323678	33.21 1.51 0.00	30.68 1.44 0.00	28.91 1.34 0.00	27.77 1.25 0.00	22.76 1.08 0.00	20.06 0.93 0.00	22.55 1.12 0.00	21.06 1.29 0.00	25.21 1.47 0.00	27.16 1.61 0.00	34.46 1.90 0.00	34.98 2.19 0.00	37.00 2.40 0.00	39.62 2.74 0.00	36.68 2.71 0.00	33.32 2.45 0.00	42.54 3.20 0.00	53.11 4.15 0.00	49.67 3.73 0.00	124.97 8.72 0.00	97.51 7.05 0.00	46.64 3.38 0.00	39.36 2.68 0.00	37.49 2.12 0.00
ATHENS_STG_1 23668	32.67 0.98 0.00	30.16 0.92 0.00	28.41 0.85 0.00	27.36 0.83 0.00	22.40 0.72 0.00	19.75 0.61 0.00	22.18 0.74 0.00	20.61 0.84 0.00	24.69 0.94 0.00	26.57 1.02 0.00	33.80 1.24 0.00	34.11 1.32 0.00	35.99 1.38 0.00	38.39 1.52 0.00	35.44 1.47 0.00	32.20 1.34 0.00	41.09 1.74 0.00	51.20 2.24 0.00	47.96 2.01 0.00	121.25 5.00 0.00	94.34 3.88 0.00	45.06 1.80 0.00	38.17 1.49 0.00	36.58 1.21 0.00
ATHENS_STG_2 23670	32.67 0.98 0.00	30.16 0.92 0.00	28.41 0.85 0.00	27.36 0.83 0.00	22.40 0.72 0.00	19.75 0.61 0.00	22.18 0.74 0.00	20.61 0.84 0.00	24.69 0.94 0.00	26.57 1.02 0.00	33.80 1.24 0.00	34.11 1.32 0.00	35.99 1.38 0.00	38.39 1.52 0.00	35.44 1.47 0.00	32.20 1.34 0.00	41.09 1.74 0.00	51.20 2.24 0.00	47.96 2.01 0.00	121.25 5.00 0.00	94.34 3.88 0.00	45.06 1.80 0.00	38.17 1.49 0.00	36.58 1.21 0.00

ATHENS_STG_3 23677	32.67 0.98 0.00	30.16 0.92 0.00	28.41 0.85 0.00	27.36 0.83 0.00	22.40 0.72 0.00	19.75 0.61 0.00	22.18 0.74 0.00	20.61 0.84 0.00	24.69 0.94 0.00	26.57 1.02 0.00	33.80 1.24 0.00	34.11 1.32 0.00	35.99 1.38 0.00	38.39 1.52 0.00	35.44 1.47 0.00	32.20 1.34 0.00	41.09 1.74 0.00	51.20 2.24 0.00	47.96 2.01 0.00	121.25 5.00 0.00	94.34 3.88 0.00	45.06 1.80 0.00	38.17 1.49 0.00	36.58 1.21 0.00
AUBURN____LFGE 323710	34.20 0.50 -2.00	30.36 0.29 -0.84	27.85 0.29 0.00	27.10 0.26 -0.32	21.99 0.18 -0.13	19.35 0.21 0.00	21.59 0.16 0.00	20.12 0.34 0.00	24.19 0.45 0.00	26.14 0.48 -0.10	33.84 0.52 -0.75	34.07 0.49 -0.79	37.51 0.46 -2.45	40.45 0.60 -2.97	36.96 0.52 -2.47	33.29 0.46 -1.95	43.22 0.48 -3.39	54.64 0.62 -5.06	51.24 0.67 -4.63	125.20 1.72 -7.23	97.55 1.05 -6.04	44.01 0.43 -0.32	37.03 0.35 0.00	35.69 0.32 0.00
BABYLON_RES_REC 323704	34.91 2.58 -0.63	32.44 2.45 -0.76	35.85 2.34 -5.94	28.69 2.17 0.00	23.48 1.81 0.00	20.64 1.50 0.00	23.26 1.83 0.00	21.65 1.87 0.00	29.14 2.22 -3.18	27.76 2.20 0.00	41.39 2.77 -6.06	54.69 3.02 -18.89	37.72 3.12 0.00	72.42 3.60 -31.93	69.04 3.56 -31.51	294.01 3.27 -259.87	63.35 4.12 -19.88	139.46 5.45 -85.05	68.08 5.01 -17.12	129.05 12.04 -0.75	112.47 9.86 -12.15	703.33 4.67 -655.40	57.65 3.78 -17.19	38.45 3.08 0.00
BABYLON__69_KV_BK2 356345	35.40 3.07 -0.63	32.89 2.90 -0.76	36.28 2.78 -5.94	29.09 2.57 0.00	23.81 2.13 0.00	20.92 1.78 0.00	23.58 2.15 0.00	21.95 2.17 0.00	36.22 2.61 -9.87	28.15 2.60 0.00	41.89 3.27 -6.06	55.23 3.55 -18.88	38.26 3.65 0.00	73.02 4.21 -31.93	69.63 4.15 -31.51	294.48 3.74 -259.87	82.48 4.76 -38.38	140.32 6.31 -85.05	68.84 5.77 -17.12	131.11 14.11 -0.75	114.90 11.48 -12.96	704.86 5.40 -656.21	58.24 4.37 -17.19	38.99 3.62 0.00
BARON_WINDS____WT_PWR 323822	32.73 0.58 -0.45	29.78 0.35 -0.19	27.98 0.41 0.00	26.94 0.35 -0.07	21.88 0.17 -0.03	19.36 0.22 0.00	21.67 0.23 0.00	20.26 0.48 0.00	24.36 0.62 0.00	26.08 0.50 -0.02	33.44 0.71 -0.17	33.38 0.41 -0.18	35.58 0.43 -0.55	37.68 0.14 -0.67	34.51 -0.02 -0.55	31.24 -0.07 -0.44	39.92 -0.19 -0.76	49.71 -0.38 -1.14	46.66 -0.32 -1.04	117.06 -0.81 -1.62	91.19 -0.62 -1.35	43.21 -0.12 -0.07	36.65 -0.04 0.00	35.54 0.17 0.00
BARRETT_IC_1 23704	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_10 23701	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_11 23702	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_12 23703	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_2 23705	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_3 23706	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_4 23707	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_5 23708	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_6 23709	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_7 23710	34.55 2.22 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.03 2.42 -6.06	54.06 2.38 -18.88	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.31 2.57 -259.87	55.65 3.29 -13.01	138.47 4.46 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.72 0.00

BARRETT_IC_8 23711	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT_IC_9 23700	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT___1 23545	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BARRETT___2 23546	34.55 2.21 -0.63	32.08 2.09 -0.76	35.48 1.97 -5.94	28.37 1.85 0.00	23.22 1.54 0.00	20.42 1.28 0.00	22.97 1.53 0.00	21.38 1.61 0.00	25.53 1.79 0.00	27.31 1.76 0.00	41.04 2.42 -6.06	54.06 2.38 -18.89	37.16 2.56 0.00	71.84 3.03 -31.93	68.33 2.85 -31.51	293.30 2.56 -259.87	55.65 3.29 -13.01	138.47 4.47 -85.05	67.06 3.99 -17.12	126.25 9.25 -0.75	109.87 7.56 -11.85	702.17 3.80 -655.10	57.14 3.27 -17.19	38.09 2.71 0.00
BATAVIA___115KV_TB1 55881	32.83 1.14 0.00	29.91 0.67 0.00	28.27 0.70 0.00	27.07 0.55 0.00	22.03 0.35 0.00	19.51 0.37 0.00	21.73 0.30 0.00	20.28 0.51 0.00	24.54 0.79 0.00	26.19 0.63 0.00	33.51 0.94 0.00	33.57 0.78 0.00	35.19 0.59 0.00	37.13 0.26 0.00	33.93 -0.04 0.00	30.70 -0.17 0.00	38.83 -0.52 0.00	47.93 -1.03 0.00	45.14 -0.80 0.00	113.89 -2.36 0.00	88.71 -1.75 0.00	43.01 -0.25 0.00	36.76 0.08 0.00	35.74 0.37 0.00
BAYONEEC___CTG1 323682	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG10 323750	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG2 323683	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG3 323684	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG4 323685	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG5 323686	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG6 323687	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG7 323688	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG8 323689	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00
BAYONEEC___CTG9 323749	33.24 1.55 0.00	30.71 1.48 0.00	28.94 1.38 0.00	27.80 1.28 0.00	22.77 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.07 1.30 0.00	25.24 1.49 0.00	27.19 1.63 0.00	34.49 1.93 0.00	35.02 2.23 0.00	37.03 2.43 0.00	39.64 2.77 0.00	36.70 2.73 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.14 4.18 0.00	49.68 3.74 0.00	124.98 8.74 0.00	97.53 7.07 0.00	46.68 3.42 0.00	39.39 2.71 0.00	37.51 2.13 0.00

BEACON___LESR 323632	32.80 1.10 0.00	30.26 1.03 0.00	28.40 0.83 0.00	27.36 0.84 0.00	22.38 0.70 0.00	19.76 0.62 0.00	22.16 0.72 0.00	20.54 0.77 0.00	24.73 0.98 0.00	26.62 1.06 0.00	33.92 1.36 0.00	34.18 1.39 0.00	36.13 1.52 0.00	38.45 1.57 0.00	35.50 1.53 0.00	32.13 1.26 0.00	41.11 1.76 0.00	51.21 2.26 0.00	48.00 2.05 0.00	121.60 5.35 0.00	94.40 3.93 0.00	45.13 1.87 0.00	38.14 1.46 0.00	36.57 1.20 0.00
BEAVER RIVER___HYD 24048	32.63 -0.29 -1.22	29.35 -0.40 -0.51	27.26 -0.31 0.00	26.73 0.02 -0.19	21.98 0.22 -0.08	19.31 0.17 0.00	21.63 0.19 0.00	19.98 0.20 0.00	24.07 0.32 0.00	26.00 0.38 -0.06	33.63 0.61 -0.46	33.86 0.58 -0.48	36.67 0.58 -1.49	39.05 0.37 -1.81	35.54 0.07 -1.51	32.29 0.23 -1.19	41.84 0.42 -2.06	52.59 0.55 -3.08	49.63 0.87 -2.81	123.01 2.36 -4.40	96.20 2.06 -3.68	44.61 1.15 -0.20	37.63 0.95 0.00	36.25 0.88 0.00
BEEBEE_GT_13 23619	32.20 0.50 0.00	29.42 0.18 0.00	27.77 0.21 0.00	26.63 0.11 0.00	21.68 0.01 0.00	19.18 0.05 0.00	21.41 -0.02 0.00	19.94 0.16 0.00	24.07 0.33 0.00	25.79 0.23 0.00	33.00 0.44 0.00	33.08 0.29 0.00	34.78 0.17 0.00	36.81 -0.07 0.00	33.73 -0.24 0.00	30.57 -0.30 0.00	38.75 -0.60 0.00	47.99 -0.97 0.00	45.14 -0.81 0.00	113.89 -2.35 0.00	88.66 -1.80 0.00	42.73 -0.53 0.00	36.40 -0.28 0.00	35.25 -0.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.69 1.99 0.00	31.15 1.91 0.00	29.33 1.76 0.00	28.17 1.65 0.00	23.05 1.37 0.00	20.31 1.17 0.00	22.84 1.40 0.00	21.33 1.55 0.00	25.53 1.79 0.00	27.50 1.95 0.00	34.91 2.35 0.00	35.45 2.66 0.00	37.54 2.93 0.00	40.25 3.37 0.00	37.30 3.33 0.00	33.86 3.00 0.00	43.20 3.85 0.00	53.86 4.90 0.00	50.44 4.49 0.00	126.87 10.63 0.00	99.11 8.65 0.00	47.43 4.18 0.00	39.99 3.31 0.00	38.08 2.70 0.00
BETHLEHEM___GRP 23843	32.20 0.50 0.00	29.71 0.47 0.00	27.97 0.40 0.00	26.95 0.43 0.00	22.07 0.39 0.00	19.48 0.34 0.00	21.83 0.39 0.00	20.25 0.47 0.00	24.26 0.52 0.00	26.13 0.58 0.00	33.23 0.67 0.00	33.54 0.75 0.00	35.40 0.79 0.00	37.71 0.83 0.00	34.76 0.79 0.00	31.56 0.69 0.00	40.25 0.89 0.00	50.14 1.18 0.00	47.01 1.06 0.00	119.12 2.87 0.00	92.54 2.08 0.00	44.23 0.97 0.00	37.50 0.81 0.00	35.92 0.55 0.00
BETHLEHEM___GS1 323560	32.20 0.50 0.00	29.71 0.47 0.00	27.97 0.40 0.00	26.95 0.43 0.00	22.07 0.39 0.00	19.48 0.34 0.00	21.83 0.39 0.00	20.25 0.47 0.00	24.26 0.52 0.00	26.13 0.57 0.00	33.23 0.67 0.00	33.54 0.75 0.00	35.40 0.79 0.00	37.70 0.83 0.00	34.75 0.79 0.00	31.56 0.69 0.00	40.24 0.89 0.00	50.14 1.18 0.00	47.01 1.06 0.00	119.11 2.86 0.00	92.55 2.08 0.00	44.23 0.97 0.00	37.49 0.81 0.00	35.92 0.55 0.00
BETHLEHEM___GS2 323561	32.20 0.50 0.00	29.71 0.47 0.00	27.97 0.40 0.00	26.95 0.43 0.00	22.07 0.39 0.00	19.48 0.34 0.00	21.83 0.39 0.00	20.25 0.47 0.00	24.26 0.52 0.00	26.13 0.57 0.00	33.23 0.67 0.00	33.54 0.75 0.00	35.40 0.79 0.00	37.70 0.83 0.00	34.75 0.79 0.00	31.56 0.69 0.00	40.24 0.89 0.00	50.14 1.18 0.00	47.01 1.06 0.00	119.11 2.86 0.00	92.55 2.08 0.00	44.23 0.97 0.00	37.49 0.81 0.00	35.92 0.55 0.00
BETHLEHEM___GS3 323562	32.20 0.50 0.00	29.71 0.47 0.00	27.97 0.40 0.00	26.95 0.43 0.00	22.07 0.39 0.00	19.48 0.34 0.00	21.83 0.39 0.00	20.25 0.47 0.00	24.26 0.52 0.00	26.13 0.57 0.00	33.23 0.67 0.00	33.54 0.75 0.00	35.40 0.79 0.00	37.70 0.83 0.00	34.75 0.79 0.00	31.56 0.69 0.00	40.24 0.89 0.00	50.14 1.18 0.00	47.01 1.06 0.00	119.11 2.86 0.00	92.55 2.08 0.00	44.23 0.97 0.00	37.49 0.81 0.00	35.92 0.55 0.00
BETHLEHEM___STEEL 23779	32.39 0.69 0.00	29.51 0.27 0.00	27.91 0.34 0.00	26.76 0.24 0.00	21.77 0.09 0.00	19.28 0.14 0.00	21.48 0.04 0.00	20.07 0.29 0.00	24.25 0.51 0.00	25.84 0.28 0.00	33.04 0.47 0.00	32.95 0.16 0.00	34.60 0.00 0.00	36.44 -0.44 0.00	33.24 -0.73 0.00	30.15 -0.72 0.00	38.14 -1.21 0.00	47.08 -1.87 0.00	44.32 -1.63 0.00	111.84 -4.41 0.00	87.03 -3.43 0.00	42.19 -1.06 0.00	36.11 -0.58 0.00	35.23 -0.14 0.00
BETHLHEM_115KV_TB1 79974	32.28 0.58 0.00	29.78 0.54 0.00	28.04 0.47 0.00	27.02 0.50 0.00	22.12 0.44 0.00	19.52 0.38 0.00	21.88 0.45 0.00	20.30 0.52 0.00	24.32 0.58 0.00	26.20 0.64 0.00	33.32 0.76 0.00	33.63 0.84 0.00	35.49 0.88 0.00	37.80 0.92 0.00	34.84 0.88 0.00	31.64 0.77 0.00	40.35 1.01 0.00	50.28 1.32 0.00	47.14 1.19 0.00	119.37 3.12 0.00	92.79 2.33 0.00	44.34 1.08 0.00	37.59 0.91 0.00	36.02 0.65 0.00
BETHPAGE_CC_5 323564	34.60 2.27 -0.63	32.17 2.18 -0.76	35.62 2.11 -5.94	28.48 1.96 0.00	23.32 1.64 0.00	20.50 1.36 0.00	23.10 1.66 0.00	21.50 1.73 0.00	26.73 2.03 -0.96	27.58 2.03 0.00	41.20 2.58 -6.06	54.39 2.71 -18.89	37.49 2.88 0.00	72.16 3.35 -31.93	68.79 3.32 -31.51	293.75 3.01 -259.87	56.16 3.81 -13.01	139.02 5.01 -85.05	67.57 4.51 -17.12	127.68 10.68 -0.75	111.08 8.76 -11.85	702.53 4.17 -655.10	57.29 3.42 -17.19	38.17 2.79 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.47 0.77 0.00	29.59 0.35 0.00	27.98 0.41 0.00	26.83 0.31 0.00	21.82 0.14 0.00	19.33 0.19 0.00	21.53 0.10 0.00	20.12 0.34 0.00	24.32 0.58 0.00	25.92 0.36 0.00	33.16 0.60 0.00	33.06 0.27 0.00	34.73 0.12 0.00	36.58 -0.30 0.00	33.37 -0.60 0.00	30.25 -0.62 0.00	38.29 -1.06 0.00	47.27 -1.69 0.00	44.48 -1.47 0.00	112.29 -3.95 0.00	87.37 -3.09 0.00	42.34 -0.92 0.00	36.22 -0.47 0.00	35.31 -0.06 0.00
BINGHAMTON___COGEN 23790	33.02 0.48 -0.85	29.91 0.32 -0.36	27.87 0.30 0.00	26.94 0.28 -0.14	21.91 0.17 -0.06	19.33 0.19 0.00	21.67 0.23 0.00	20.18 0.41 0.00	24.22 0.48 0.00	26.05 0.46 -0.04	33.48 0.60 -0.32	33.57 0.44 -0.33	36.17 0.53 -1.04	38.59 0.46 -1.26	35.42 0.40 -1.05	32.05 0.35 -0.83	41.26 0.47 -1.44	51.67 0.57 -2.15	48.39 0.48 -1.96	120.59 1.27 -3.07	93.96 0.93 -2.56	43.80 0.41 -0.14	36.98 0.30 0.00	35.65 0.28 0.00
BIXINCNT_115KV_LOAD 355685	32.58 0.88 0.00	29.76 0.52 0.00	28.14 0.58 0.00	27.02 0.50 0.00	21.96 0.28 0.00	19.45 0.32 0.00	21.68 0.24 0.00	20.32 0.54 0.00	24.58 0.84 0.00	26.25 0.69 0.00	33.54 0.98 0.00	33.31 0.52 0.00	35.04 0.44 0.00	36.85 -0.03 0.00	33.62 -0.34 0.00	30.50 -0.37 0.00	38.60 -0.75 0.00	47.81 -1.15 0.00	44.95 -1.00 0.00	113.65 -2.59 0.00	88.49 -1.97 0.00	42.80 -0.46 0.00	36.53 -0.15 0.00	35.57 0.20 0.00
BLACK RIVER___HYD 24047	33.44 -0.18 -1.92	29.66 -0.38 -0.81	27.32 -0.24 0.00	26.92 0.09 -0.31	22.07 0.26 -0.13	19.34 0.20 0.00	21.70 0.27 0.00	20.12 0.34 0.00	24.22 0.48 0.00	26.25 0.59 -0.10	34.27 0.98 -0.72	34.56 1.01 -0.76	37.93 0.97 -2.35	40.35 0.62 -2.85	36.57 0.23 -2.38	33.13 0.39 -1.88	43.23 0.62 -3.26	54.56 0.74 -4.87	51.59 1.20 -4.45	126.49 3.29 -6.95	99.24 2.97 -5.81	45.21 1.64 -0.31	38.00 1.31 0.00	36.48 1.11 0.00

BLACKRVR_115KV_TB2 79977	33.44 -0.18 -1.92	29.66 -0.38 -0.81	27.32 -0.24 0.00	26.92 0.09 -0.31	22.07 0.27 -0.13	19.34 0.20 0.00	21.70 0.27 0.00	20.12 0.34 0.00	24.22 0.48 0.00	26.25 0.59 -0.10	34.27 0.99 -0.72	34.56 1.01 -0.76	37.93 0.97 -2.35	40.35 0.62 -2.85	36.57 0.22 -2.38	33.14 0.39 -1.88	43.23 0.62 -3.26	54.56 0.74 -4.87	51.59 1.20 -4.45	126.49 3.29 -6.95	99.25 2.97 -5.81	45.21 1.64 -0.31	38.00 1.31 0.00	36.48 1.11 0.00
BLISS_WT_PWR 323608	32.54 0.84 0.00	29.73 0.49 0.00	28.13 0.56 0.00	27.00 0.47 0.00	21.96 0.28 0.00	19.45 0.31 0.00	21.67 0.23 0.00	20.31 0.53 0.00	24.59 0.85 0.00	26.25 0.70 0.00	33.55 0.99 0.00	33.32 0.53 0.00	35.05 0.45 0.00	36.85 -0.02 0.00	33.63 -0.34 0.00	30.51 -0.36 0.00	38.60 -0.76 0.00	47.82 -1.14 0.00	44.96 -0.99 0.00	113.68 -2.57 0.00	88.51 -1.95 0.00	42.79 -0.47 0.00	36.53 -0.15 0.00	35.58 0.21 0.00
BLUE_CIRC_CHEM_DRP 24182	32.71 1.01 0.00	30.17 0.93 0.00	28.44 0.87 0.00	27.41 0.89 0.00	22.44 0.76 0.00	19.80 0.66 0.00	22.20 0.76 0.00	20.58 0.81 0.00	24.67 0.93 0.00	26.56 1.01 0.00	33.79 1.23 0.00	34.07 1.28 0.00	35.92 1.31 0.00	38.25 1.37 0.00	35.22 1.25 0.00	31.96 1.09 0.00	40.76 1.41 0.00	50.81 1.85 0.00	47.64 1.69 0.00	120.73 4.48 0.00	93.85 3.39 0.00	44.82 1.56 0.00	38.01 1.33 0.00	36.48 1.10 0.00
BOC_GAS_DRP 24189	32.45 0.76 0.00	29.95 0.71 0.00	28.21 0.65 0.00	27.18 0.65 0.00	22.25 0.57 0.00	19.63 0.49 0.00	22.01 0.58 0.00	20.42 0.65 0.00	24.47 0.73 0.00	26.35 0.79 0.00	33.51 0.95 0.00	33.82 1.03 0.00	35.68 1.07 0.00	38.02 1.15 0.00	35.06 1.09 0.00	31.84 0.97 0.00	40.61 1.26 0.00	50.57 1.62 0.00	47.41 1.46 0.00	120.04 3.79 0.00	93.33 2.86 0.00	44.59 1.34 0.00	37.80 1.12 0.00	36.25 0.88 0.00
BOONVILLE_115KV_TB1 79983	32.64 0.49 -0.45	29.79 0.36 -0.19	27.92 0.36 0.00	27.03 0.43 -0.07	22.11 0.41 -0.03	19.51 0.37 0.00	21.87 0.44 0.00	20.25 0.47 0.00	24.39 0.64 0.00	26.29 0.72 -0.02	33.69 0.96 -0.17	33.94 0.97 -0.18	36.16 1.01 -0.55	38.49 0.95 -0.67	35.35 0.82 -0.56	32.07 0.76 -0.44	41.17 1.06 -0.76	51.54 1.44 -1.14	48.46 1.47 -1.04	121.67 3.80 -1.63	94.79 2.96 -1.36	44.70 1.36 -0.07	37.76 1.08 0.00	36.33 0.96 0.00
BORALEX_4TH_BRANCH 23824	33.37 1.67 0.00	30.83 1.59 0.00	29.02 1.45 0.00	28.09 1.57 0.00	22.99 1.32 0.00	20.25 1.11 0.00	22.75 1.31 0.00	21.04 1.27 0.00	25.21 1.47 0.00	27.18 1.63 0.00	34.51 1.95 0.00	34.79 2.00 0.00	36.72 2.11 0.00	39.00 2.12 0.00	35.85 1.88 0.00	32.48 1.61 0.00	41.31 1.96 0.00	51.27 2.31 0.00	48.16 2.21 0.00	122.67 6.42 0.00	95.19 4.72 0.00	45.52 2.27 0.00	38.72 2.04 0.00	37.09 1.72 0.00
BOWLINE___1 23526	33.04 1.34 0.00	30.48 1.24 0.00	28.71 1.14 0.00	27.60 1.07 0.00	22.58 0.91 0.00	19.91 0.78 0.00	22.37 0.93 0.00	20.88 1.11 0.00	25.01 1.27 0.00	26.92 1.37 0.00	34.28 1.71 0.00	34.73 1.94 0.00	36.74 2.14 0.00	39.29 2.41 0.00	36.36 2.40 0.00	33.05 2.18 0.00	42.22 2.87 0.00	52.69 3.74 0.00	49.30 3.36 0.00	124.12 7.87 0.00	96.74 6.28 0.00	46.26 3.00 0.00	39.03 2.35 0.00	37.19 1.82 0.00
BOWLINE___2 23595	33.04 1.34 0.00	30.48 1.25 0.00	28.71 1.15 0.00	27.60 1.07 0.00	22.58 0.91 0.00	19.91 0.78 0.00	22.37 0.93 0.00	20.88 1.11 0.00	25.01 1.27 0.00	26.92 1.37 0.00	34.28 1.71 0.00	34.73 1.94 0.00	36.74 2.14 0.00	39.29 2.41 0.00	36.36 2.40 0.00	33.05 2.18 0.00	42.22 2.87 0.00	52.69 3.74 0.00	49.30 3.36 0.00	124.12 7.87 0.00	96.74 6.28 0.00	46.26 3.00 0.00	39.03 2.35 0.00	37.19 1.82 0.00
BRADY___115KV_TB2 356060	32.19 0.49 0.00	29.76 0.52 0.00	28.07 0.51 0.00	27.02 0.49 0.00	22.09 0.41 0.00	19.46 0.33 0.00	21.78 0.34 0.00	19.80 0.03 0.00	23.82 0.08 0.00	25.62 0.07 0.00	32.71 0.14 0.00	32.90 0.10 0.00	34.73 0.12 0.00	37.06 0.18 0.00	34.00 0.03 0.00	31.01 0.14 0.00	39.55 0.20 0.00	49.24 0.28 0.00	46.31 0.37 0.00	117.30 1.05 0.00	91.42 0.96 0.00	43.82 0.56 0.00	37.19 0.51 0.00	36.20 0.83 0.00
BRANSCOMB___SOLAR 323811	33.56 1.86 0.00	30.92 1.69 0.00	29.11 1.54 0.00	28.04 1.52 0.00	22.95 1.27 0.00	20.22 1.08 0.00	22.70 1.26 0.00	21.05 1.27 0.00	25.24 1.49 0.00	27.23 1.68 0.00	34.53 1.97 0.00	34.83 2.03 0.00	36.73 2.12 0.00	38.94 2.06 0.00	35.81 1.84 0.00	32.46 1.59 0.00	41.35 2.00 0.00	51.49 2.53 0.00	48.54 2.59 0.00	123.77 7.53 0.00	96.35 5.89 0.00	45.94 2.68 0.00	38.95 2.27 0.00	37.33 1.96 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.23 2.90 -0.63	32.74 2.75 -0.76	36.16 2.65 -5.94	28.99 2.47 0.00	23.72 2.04 0.00	20.84 1.70 0.00	23.50 2.06 0.00	21.84 2.07 0.00	36.42 2.46 -10.22	27.99 2.44 0.00	41.66 3.04 -6.06	54.99 3.31 -18.88	37.97 3.37 0.00	72.73 3.92 -31.93	69.29 3.82 -31.51	294.07 3.34 -259.87	78.93 4.23 -35.35	139.73 5.73 -85.05	68.32 5.25 -17.12	130.13 13.13 -0.75	113.96 10.67 -12.82	704.29 4.96 -656.07	57.92 4.06 -17.19	38.68 3.31 0.00
BRISTLHL_115KV_TB1 79998	35.16 -0.56 -4.02	30.30 -0.62 -1.69	26.98 -0.58 0.00	26.59 -0.57 -0.64	21.46 -0.48 -0.27	18.74 -0.40 0.00	20.99 -0.45 0.00	19.45 -0.32 0.00	23.37 -0.37 0.00	25.35 -0.41 -0.20	33.59 -0.48 -1.51	33.86 -0.52 -1.59	39.00 -0.52 -4.92	42.21 -0.63 -5.96	38.32 -0.62 -4.98	34.23 -0.57 -3.93	45.46 -0.70 -6.82	58.26 -0.88 -10.18	54.42 -0.83 -9.30	128.61 -2.18 -14.54	100.90 -1.72 -12.15	43.03 -0.88 -0.65	35.92 -0.77 0.00	34.59 -0.78 0.00
BROOKHAVEN___DRP 24191	35.38 3.06 -0.63	32.90 2.91 -0.76	36.31 2.81 -5.94	29.10 2.58 0.00	23.81 2.13 0.00	20.92 1.78 0.00	23.59 2.16 0.00	21.97 2.19 0.00	74.29 2.63 -47.92	27.84 2.29 0.00	41.37 2.75 -6.06	54.98 3.31 -18.88	37.69 3.09 0.00	72.53 3.72 -31.93	69.04 3.56 -31.51	293.98 3.25 -259.87	182.39 4.37 -138.67	139.62 5.61 -85.05	68.18 5.10 -17.13	129.88 12.87 -0.76	118.54 10.74 -17.33	708.94 5.12 -660.56	57.76 3.89 -17.19	38.49 3.11 0.00
BROOKLYN_NAVY_YARD 23515	33.21 1.52 0.00	30.67 1.43 0.00	28.88 1.32 0.00	27.76 1.24 0.00	22.74 1.06 0.00	20.05 0.91 0.00	22.52 1.09 0.00	21.04 1.27 0.00	25.18 1.44 0.00	27.12 1.57 0.00	34.39 1.83 0.01	34.92 2.13 0.00	36.93 2.33 0.01	39.54 2.66 0.00	36.62 2.65 0.00	33.26 2.39 0.00	42.49 3.14 0.00	53.06 4.11 0.00	49.67 3.73 0.00	125.02 8.77 0.00	97.58 7.12 0.00	46.68 3.43 0.00	39.43 2.75 0.00	37.54 2.17 0.00
BROOKLYN___ARMY_DRP 323595	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00

BROOKVLE_69_KV_TB1 55790	34.55 2.22 -0.63	32.08 2.09 -0.76	35.46 1.96 -5.94	28.35 1.83 0.00	23.21 1.54 0.00	20.43 1.29 0.00	22.99 1.56 0.00	21.44 1.66 0.00	25.68 1.94 0.00	27.56 2.01 0.00	41.24 2.62 -6.06	54.48 2.81 -18.88	37.66 3.05 0.00	72.32 3.51 -31.93	68.91 3.43 -31.51	293.81 3.07 -259.87	56.25 3.89 -13.01	139.08 5.08 -85.05	67.61 4.54 -17.12	127.77 10.77 -0.75	110.97 8.66 -11.85	702.61 4.25 -655.10	57.34 3.47 -17.19	38.22 2.85 0.00
BROOME_2_LFGE 323671	33.02 0.48 -0.85	29.91 0.32 -0.36	27.87 0.30 0.00	26.94 0.28 -0.14	21.91 0.17 -0.06	19.33 0.19 0.00	21.67 0.23 0.00	20.18 0.41 0.00	24.22 0.48 0.00	26.05 0.46 -0.04	33.48 0.60 -0.32	33.56 0.43 -0.33	36.17 0.53 -1.04	38.59 0.46 -1.26	35.42 0.40 -1.05	32.05 0.35 -0.83	41.26 0.47 -1.44	51.67 0.57 -2.15	48.39 0.48 -1.96	120.59 1.28 -3.07	93.96 0.93 -2.56	43.80 0.40 -0.14	36.98 0.30 0.00	35.65 0.28 0.00
BROOME___LFGE 323600	33.02 0.48 -0.85	29.91 0.32 -0.36	27.87 0.30 0.00	26.94 0.28 -0.14	21.91 0.17 -0.06	19.33 0.19 0.00	21.67 0.23 0.00	20.18 0.41 0.00	24.22 0.48 0.00	26.05 0.46 -0.04	33.48 0.60 -0.32	33.56 0.43 -0.33	36.17 0.53 -1.04	38.59 0.46 -1.26	35.42 0.40 -1.05	32.05 0.35 -0.83	41.26 0.47 -1.44	51.67 0.57 -2.15	48.39 0.48 -1.96	120.59 1.28 -3.07	93.96 0.93 -2.56	43.80 0.40 -0.14	36.98 0.30 0.00	35.65 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	32.27 -0.26 -0.83	29.30 -0.28 -0.35	27.34 -0.22 0.00	26.63 -0.02 -0.13	21.84 0.11 -0.05	19.20 0.07 0.00	21.50 0.06 0.00	19.72 -0.06 0.00	23.74 0.00 0.00	25.63 0.03 -0.04	33.02 0.15 -0.31	33.23 0.11 -0.33	35.71 0.08 -1.02	38.08 -0.03 -1.23	34.76 -0.24 -1.03	31.64 -0.04 -0.81	40.77 0.01 -1.41	51.10 0.04 -2.11	48.17 0.30 -1.92	120.12 0.87 -3.00	93.85 0.87 -2.51	43.94 0.55 -0.13	37.15 0.47 0.00	35.96 0.59 0.00
BROWNSV1_27_KV_LOAD 356125	33.66 1.96 0.00	31.08 1.85 0.00	29.27 1.70 0.00	28.11 1.59 0.00	23.02 1.34 0.00	20.29 1.15 0.00	22.81 1.38 0.00	21.31 1.53 0.00	25.52 1.78 0.00	27.51 1.96 0.00	34.94 2.38 0.00	35.47 2.68 0.00	37.53 2.93 0.00	40.20 3.32 0.00	37.22 3.26 0.00	33.81 2.94 0.00	43.18 3.83 0.00	53.89 4.93 0.00	50.37 4.43 0.00	126.79 10.54 0.00	98.89 8.42 0.00	47.33 4.07 0.00	39.94 3.26 0.00	38.04 2.67 0.00
BURROWS___LYONSDAL 23803	32.54 0.21 -0.63	29.59 0.09 -0.27	27.68 0.11 0.00	26.90 0.28 -0.10	22.06 0.34 -0.04	19.44 0.30 0.00	21.78 0.35 0.00	20.16 0.38 0.00	24.29 0.55 0.00	26.20 0.62 -0.03	33.64 0.84 -0.24	33.88 0.84 -0.25	36.24 0.86 -0.77	38.59 0.77 -0.94	35.36 0.60 -0.78	32.10 0.61 -0.62	41.29 0.87 -1.08	51.75 1.19 -1.61	48.71 1.30 -1.47	121.87 3.32 -2.30	95.05 2.66 -1.92	44.63 1.28 -0.10	37.69 1.01 0.00	36.28 0.91 0.00
CAITHNESS_CC_1 323624	35.24 2.91 -0.63	32.77 2.77 -0.76	36.20 2.69 -5.94	29.00 2.47 0.00	23.73 2.05 0.00	20.84 1.71 0.00	23.51 2.07 0.00	21.88 2.10 0.00	73.99 2.52 -47.73	27.80 2.25 0.00	41.33 2.71 -6.06	54.87 3.19 -18.89	37.64 3.04 0.00	72.44 3.63 -31.93	68.99 3.51 -31.51	293.93 3.19 -259.87	180.39 4.25 -136.80	139.49 5.48 -85.06	68.07 4.99 -17.13	129.47 12.46 -0.76	118.08 10.37 -17.25	708.66 4.92 -660.48	57.67 3.80 -17.19	38.41 3.04 0.00
CALPINE BETH_PAGE_GT4 24209	34.54 2.21 -0.63	32.11 2.12 -0.76	35.60 2.10 -5.94	28.47 1.95 0.00	23.31 1.63 0.00	20.49 1.36 0.00	23.09 1.65 0.00	21.49 1.71 0.00	26.48 2.02 -0.72	27.58 2.02 0.00	41.22 2.60 -6.06	54.34 2.67 -18.88	37.45 2.85 0.00	72.12 3.31 -31.93	68.75 3.27 -31.51	293.72 2.98 -259.87	56.14 3.78 -13.01	138.98 4.98 -85.05	67.54 4.47 -17.12	127.57 10.57 -0.75	110.98 8.67 -11.85	702.49 4.13 -655.10	57.24 3.38 -17.19	38.13 2.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.54 2.21 -0.63	32.11 2.12 -0.76	35.60 2.10 -5.94	28.47 1.95 0.00	23.31 1.63 0.00	20.49 1.36 0.00	23.09 1.65 0.00	21.49 1.72 0.00	26.48 2.02 -0.72	27.58 2.02 0.00	41.22 2.60 -6.06	54.34 2.67 -18.89	37.45 2.84 0.00	72.12 3.31 -31.93	68.75 3.27 -31.51	293.72 2.98 -259.87	56.14 3.78 -13.01	138.98 4.98 -85.05	67.54 4.47 -17.12	127.57 10.57 -0.75	110.98 8.67 -11.85	702.49 4.13 -655.10	57.25 3.37 -17.19	38.14 2.76 0.00
CALPINE_BP_GT1 23823	34.54 2.21 -0.63	32.11 2.12 -0.76	35.60 2.10 -5.94	28.47 1.95 0.00	23.31 1.63 0.00	20.49 1.36 0.00	23.09 1.65 0.00	21.49 1.72 0.00	26.48 2.02 -0.72	27.58 2.02 0.00	41.22 2.60 -6.06	54.34 2.67 -18.89	37.45 2.84 0.00	72.12 3.31 -31.93	68.75 3.27 -31.51	293.72 2.98 -259.87	56.14 3.78 -13.01	138.98 4.98 -85.05	67.54 4.47 -17.12	127.57 10.57 -0.75	110.98 8.67 -11.85	702.49 4.13 -655.10	57.25 3.37 -17.19	38.14 2.76 0.00
CALSPAN___DRP 24200	32.39 0.69 0.00	29.51 0.27 0.00	27.91 0.34 0.00	26.76 0.24 0.00	21.77 0.09 0.00	19.28 0.14 0.00	21.48 0.04 0.00	20.07 0.29 0.00	24.25 0.51 0.00	25.84 0.28 0.00	33.04 0.47 0.00	32.95 0.16 0.00	34.60 0.00 0.00	36.44 -0.44 0.00	33.24 -0.73 0.00	30.15 -0.72 0.00	38.14 -1.21 0.00	47.08 -1.87 0.00	44.32 -1.63 0.00	111.84 -4.41 0.00	87.03 -3.43 0.00	42.19 -1.06 0.00	36.11 -0.58 0.00	35.23 -0.14 0.00
CALVERTON___SOLAR 323806	35.57 3.24 -0.63	33.06 3.07 -0.76	36.46 2.95 -5.94	29.24 2.72 0.00	23.92 2.24 0.00	21.02 1.88 0.00	23.70 2.27 0.00	22.08 2.30 0.00	74.51 2.77 -48.00	27.93 2.38 0.00	41.50 2.87 -6.06	55.16 3.48 -18.89	37.83 3.22 0.00	72.67 3.86 -31.93	69.17 3.69 -31.51	294.11 3.38 -259.87	183.34 4.58 -139.41	139.85 5.84 -85.06	68.37 5.30 -17.13	130.47 13.46 -0.76	119.04 11.22 -17.36	709.21 5.36 -660.59	57.92 4.05 -17.19	38.62 3.25 0.00
CANDIGU_WT_PWR 323617	32.73 0.58 -0.45	29.78 0.35 -0.19	27.98 0.41 0.00	26.94 0.35 -0.07	21.88 0.17 -0.03	19.36 0.22 0.00	21.67 0.23 0.00	20.26 0.48 0.00	24.36 0.62 0.00	26.08 0.50 -0.02	33.44 0.71 -0.17	33.38 0.41 -0.18	35.58 0.43 -0.55	37.68 0.14 -0.67	34.51 -0.02 -0.55	31.24 -0.07 -0.44	39.92 -0.19 -0.76	49.71 -0.38 -1.14	46.66 -0.32 -1.04	117.06 -0.81 -1.62	91.19 -0.62 -1.35	43.21 -0.12 -0.07	36.65 -0.04 0.00	35.54 0.17 0.00
CARR STREET_E_SYR 24060	32.69 -0.21 -1.20	29.43 -0.31 -0.50	27.28 -0.29 0.00	26.42 -0.29 -0.19	21.49 -0.27 -0.08	18.93 -0.21 0.00	21.20 -0.23 0.00	19.68 -0.10 0.00	23.64 -0.10 0.00	25.49 -0.12 -0.06	32.89 -0.12 -0.45	33.10 -0.16 -0.47	35.91 -0.16 -1.47	38.33 -0.33 -1.78	35.06 -0.39 -1.48	31.66 -0.38 -1.17	40.92 -0.46 -2.03	51.37 -0.62 -3.03	48.13 -0.59 -2.77	118.99 -1.59 -4.33	92.82 -1.27 -3.62	42.81 -0.64 -0.19	36.13 -0.55 0.00	34.82 -0.55 0.00
CARTHAGE___PAPER 23857	33.29 -0.06 -1.65	29.71 -0.22 -0.69	27.45 -0.12 0.00	26.99 0.20 -0.26	22.14 0.35 -0.11	19.43 0.29 0.00	21.78 0.34 0.00	20.13 0.36 0.00	24.24 0.50 0.00	26.22 0.58 -0.08	34.10 0.91 -0.62	34.34 0.90 -0.65	37.51 0.89 -2.02	39.94 0.61 -2.45	36.21 0.20 -2.04	32.87 0.39 -1.61	42.80 0.66 -2.80	53.97 0.83 -4.18	51.01 1.25 -3.82	125.63 3.41 -5.96	98.44 2.99 -4.99	45.15 1.63 -0.27	38.01 1.32 0.00	36.56 1.19 0.00

CASSADAGA_WT_PWR 323784	33.25 1.55 0.00	30.29 1.05 0.00	28.59 1.02 0.00	27.49 0.97 0.00	22.36 0.68 0.00	19.82 0.68 0.00	22.02 0.58 0.00	20.61 0.83 0.00	24.99 1.24 0.00	26.73 1.18 0.00	34.17 1.60 0.00	33.94 1.15 0.00	35.86 1.26 0.00	37.80 0.92 0.00	34.46 0.49 0.00	31.30 0.43 0.00	39.74 0.39 0.00	49.17 0.22 0.00	46.24 0.29 0.00	116.94 0.69 0.00	90.92 0.46 0.00	43.85 0.60 0.00	37.35 0.67 0.00	36.31 0.94 0.00
CE_DUNWOOD___DRP 24194	33.22 1.53 0.00	30.67 1.43 0.00	28.89 1.33 0.00	27.77 1.25 0.00	22.74 1.06 0.00	20.04 0.91 0.00	22.52 1.08 0.00	21.02 1.24 0.00	25.17 1.43 0.00	27.10 1.54 0.00	34.46 1.90 0.00	34.91 2.12 0.00	36.93 2.32 0.00	39.51 2.63 0.00	36.57 2.61 0.00	33.23 2.36 0.00	42.43 3.08 0.00	52.95 3.99 0.00	49.54 3.60 0.00	124.80 8.55 0.00	97.24 6.77 0.00	46.51 3.25 0.00	39.25 2.57 0.00	37.42 2.05 0.00
CE_MILLWOOD___DRP 24193	33.16 1.46 0.00	30.61 1.37 0.00	28.84 1.27 0.00	27.72 1.20 0.00	22.69 1.02 0.00	20.01 0.87 0.00	22.48 1.04 0.00	20.97 1.20 0.00	25.12 1.38 0.00	27.05 1.49 0.00	34.40 1.84 0.00	34.84 2.05 0.00	36.86 2.25 0.00	39.42 2.55 0.00	36.49 2.52 0.00	33.16 2.29 0.00	42.35 3.00 0.00	52.84 3.88 0.00	49.44 3.50 0.00	124.55 8.30 0.00	97.04 6.58 0.00	46.40 3.14 0.00	39.17 2.49 0.00	37.33 1.96 0.00
CE_NYC2_DRP 24202	33.36 1.67 0.00	30.83 1.59 0.00	29.05 1.48 0.00	27.90 1.38 0.00	22.86 1.18 0.00	20.15 1.01 0.00	22.64 1.20 0.00	21.15 1.38 0.00	25.31 1.57 0.00	27.27 1.72 0.00	34.62 2.05 0.00	35.14 2.34 0.00	37.17 2.56 0.00	39.81 2.93 0.00	36.88 2.91 0.00	33.50 2.63 0.00	42.73 3.39 0.00	53.31 4.35 0.00	49.88 3.93 0.00	125.39 9.15 0.00	97.87 7.41 0.00	46.87 3.61 0.00	39.53 2.85 0.00	37.66 2.29 0.00
CE_NYC_DRP 24195	33.32 1.62 0.00	30.77 1.54 0.00	28.99 1.43 0.00	27.85 1.33 0.00	22.81 1.13 0.00	20.11 0.97 0.00	22.61 1.17 0.00	21.11 1.34 0.00	25.29 1.55 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.12 2.52 0.00	39.75 2.87 0.00	36.81 2.84 0.00	33.43 2.56 0.00	42.68 3.33 0.00	53.28 4.33 0.00	49.82 3.88 0.00	125.34 9.09 0.00	97.79 7.33 0.00	46.79 3.53 0.00	39.47 2.79 0.00	37.61 2.23 0.00
CHAFFEE___LFGE 323603	32.36 0.66 0.00	29.47 0.24 0.00	27.87 0.30 0.00	26.72 0.20 0.00	21.73 0.05 0.00	19.25 0.12 0.00	21.46 0.02 0.00	20.06 0.28 0.00	24.23 0.49 0.00	25.82 0.27 0.00	33.04 0.48 0.00	32.97 0.18 0.00	34.64 0.03 0.00	36.50 -0.37 0.00	33.30 -0.67 0.00	30.21 -0.66 0.00	38.24 -1.11 0.00	47.21 -1.75 0.00	44.45 -1.50 0.00	112.18 -4.07 0.00	87.30 -3.16 0.00	42.28 -0.98 0.00	36.15 -0.53 0.00	35.30 -0.07 0.00
CHATEAUG_35_KV_LOAD 355732	31.79 0.10 0.00	29.49 0.26 0.00	27.80 0.23 0.00	26.71 0.19 0.00	21.77 0.09 0.00	19.20 0.06 0.00	21.48 0.05 0.00	19.67 -0.11 0.00	23.68 -0.06 0.00	25.55 0.00 0.00	32.56 0.00 0.00	32.74 -0.05 0.00	34.49 -0.12 0.00	36.68 -0.20 0.00	33.79 -0.18 0.00	30.83 -0.04 0.00	39.22 -0.12 0.00	48.87 -0.09 0.00	45.98 0.03 0.00	116.68 0.43 0.00	90.83 0.36 0.00	43.49 0.24 0.00	36.95 0.27 0.00	35.80 0.43 0.00
CHATEAUG_WT_PWR 323614	31.80 0.10 0.00	29.50 0.26 0.00	27.80 0.24 0.00	26.72 0.20 0.00	21.78 0.11 0.00	19.20 0.07 0.00	21.49 0.06 0.00	19.70 -0.08 0.00	23.71 -0.03 0.00	25.60 0.04 0.00	32.62 0.06 0.00	32.79 -0.01 0.00	34.55 -0.06 0.00	36.71 -0.16 0.00	33.83 -0.14 0.00	30.88 0.01 0.00	39.27 -0.08 0.00	48.94 -0.02 0.00	46.04 0.09 0.00	116.83 0.58 0.00	90.95 0.49 0.00	43.52 0.26 0.00	36.97 0.29 0.00	35.80 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	31.80 0.10 0.00	29.49 0.26 0.00	27.80 0.23 0.00	26.71 0.19 0.00	21.77 0.09 0.00	19.20 0.06 0.00	21.48 0.05 0.00	19.67 -0.10 0.00	23.68 -0.06 0.00	25.55 0.00 0.00	32.56 0.00 0.00	32.74 -0.05 0.00	34.49 -0.12 0.00	36.68 -0.20 0.00	33.79 -0.18 0.00	30.83 -0.04 0.00	39.22 -0.12 0.00	48.87 -0.09 0.00	45.98 0.03 0.00	116.68 0.43 0.00	90.83 0.36 0.00	43.50 0.24 0.00	36.95 0.27 0.00	35.80 0.43 0.00
CHAUTAUQUA___LFGE 323629	32.82 1.12 0.00	29.92 0.68 0.00	28.25 0.69 0.00	27.15 0.63 0.00	22.07 0.40 0.00	19.56 0.42 0.00	21.78 0.34 0.00	20.40 0.62 0.00	24.65 0.90 0.00	26.32 0.76 0.00	33.65 1.09 0.00	33.47 0.67 0.00	35.29 0.69 0.00	37.20 0.32 0.00	33.94 -0.03 0.00	30.80 -0.07 0.00	39.07 -0.28 0.00	48.30 -0.65 0.00	45.42 -0.53 0.00	114.93 -1.32 0.00	89.37 -1.10 0.00	43.11 -0.15 0.00	36.74 0.06 0.00	35.79 0.42 0.00
CHERRYST_13_KV_LD 356241	33.42 1.72 0.00	30.87 1.63 0.00	29.08 1.51 0.00	27.93 1.41 0.00	22.87 1.19 0.00	20.17 1.03 0.00	22.67 1.23 0.00	21.18 1.40 0.00	25.37 1.62 0.00	27.33 1.77 0.00	34.70 2.14 0.00	35.22 2.43 0.00	37.26 2.65 0.00	39.89 3.01 0.00	36.94 2.97 0.00	33.55 2.68 0.00	42.84 3.49 0.00	53.47 4.51 0.00	49.98 4.04 0.00	125.78 9.53 0.00	98.13 7.67 0.00	46.94 3.68 0.00	39.61 2.93 0.00	37.72 2.35 0.00
CHESTROR_138KV_BK263 355645	32.90 1.21 0.00	30.34 1.11 0.00	28.58 1.02 0.00	27.48 0.95 0.00	22.49 0.81 0.00	19.83 0.69 0.00	22.27 0.84 0.00	20.77 0.99 0.00	24.88 1.14 0.00	26.78 1.22 0.00	34.08 1.52 0.00	34.48 1.69 0.00	36.46 1.85 0.00	38.94 2.07 0.00	36.06 2.09 0.00	32.79 1.92 0.00	41.87 2.52 0.00	52.26 3.30 0.00	48.93 2.99 0.00	123.37 7.12 0.00	96.10 5.64 0.00	45.92 2.67 0.00	38.76 2.08 0.00	37.00 1.62 0.00
CH_MIDHUDSON___DRP 24192	33.19 1.50 0.00	30.65 1.42 0.00	28.87 1.31 0.00	27.77 1.25 0.00	22.74 1.06 0.00	20.05 0.91 0.00	22.52 1.09 0.00	20.99 1.22 0.00	25.15 1.41 0.00	27.07 1.52 0.00	34.44 1.87 0.00	34.84 2.05 0.00	36.84 2.24 0.00	39.36 2.48 0.00	36.42 2.45 0.00	33.12 2.25 0.00	42.31 2.96 0.00	52.77 3.82 0.00	49.42 3.48 0.00	124.59 8.34 0.00	97.00 6.53 0.00	46.32 3.06 0.00	39.12 2.44 0.00	37.36 1.98 0.00
CH_MISC_IPPS 23765	33.39 1.69 0.00	30.81 1.57 0.00	29.01 1.44 0.00	27.89 1.37 0.00	22.83 1.16 0.00	20.13 0.99 0.00	22.62 1.18 0.00	21.10 1.32 0.00	25.28 1.54 0.00	27.22 1.67 0.00	34.65 2.09 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.63 2.75 0.00	36.69 2.73 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.26 4.30 0.00	49.87 3.92 0.00	125.71 9.46 0.00	97.83 7.36 0.00	46.73 3.47 0.00	39.42 2.74 0.00	37.61 2.24 0.00
CH_RES_BVR_FALLS 23983	31.27 -0.43 0.00	28.98 -0.26 0.00	27.36 -0.21 0.00	26.34 -0.18 0.00	21.53 -0.15 0.00	19.01 -0.13 0.00	21.32 -0.12 0.00	19.60 -0.18 0.00	23.57 -0.17 0.00	25.37 -0.18 0.00	32.33 -0.23 0.00	32.54 -0.25 0.00	34.33 -0.28 0.00	36.60 -0.27 0.00	33.69 -0.28 0.00	30.65 -0.22 0.00	39.04 -0.31 0.00	48.56 -0.39 0.00	45.62 -0.33 0.00	115.44 -0.81 0.00	89.85 -0.61 0.00	43.01 -0.24 0.00	36.50 -0.18 0.00	35.27 -0.10 0.00

CH_RES_NIAGARA 23895	31.37 -0.33 0.00	28.68 -0.56 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.55 -0.20 0.00	25.00 -0.55 0.00	31.93 -0.63 0.00	31.90 -0.90 0.00	33.36 -1.25 0.00	34.95 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.44 -2.91 0.00	44.85 -4.10 0.00	42.28 -3.67 0.00	106.47 -9.78 0.00	82.91 -7.55 0.00	40.39 -2.86 0.00	34.74 -1.94 0.00	34.11 -1.26 0.00
CH_RES_SYRACUSE 23985	33.90 -0.03 -2.24	30.03 -0.15 -0.94	27.43 -0.14 0.00	26.73 -0.15 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.21 0.01 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.56 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.17 -0.36	36.50 -0.18 0.00	35.16 -0.22 0.00
CLINTON_WT_PWR 323605	31.80 0.10 0.00	29.50 0.26 0.00	27.80 0.24 0.00	26.72 0.20 0.00	21.78 0.11 0.00	19.20 0.07 0.00	21.49 0.06 0.00	19.70 -0.08 0.00	23.71 -0.03 0.00	25.60 0.04 0.00	32.62 0.06 0.00	32.79 -0.01 0.00	34.55 -0.06 0.00	36.71 -0.16 0.00	33.83 -0.14 0.00	30.88 0.01 0.00	39.27 -0.08 0.00	48.94 -0.02 0.00	46.04 0.09 0.00	116.83 0.58 0.00	90.95 0.49 0.00	43.52 0.26 0.00	36.97 0.29 0.00	35.80 0.43 0.00
CLINTON___LFGE 323618	32.19 0.49 0.00	29.85 0.62 0.00	28.10 0.53 0.00	27.00 0.48 0.00	22.02 0.34 0.00	19.40 0.27 0.00	21.72 0.28 0.00	19.92 0.15 0.00	23.98 0.24 0.00	25.92 0.37 0.00	33.01 0.44 0.00	33.13 0.34 0.00	34.94 0.34 0.00	37.18 0.30 0.00	34.26 0.29 0.00	31.27 0.40 0.00	39.78 0.43 0.00	49.57 0.61 0.00	46.63 0.69 0.00	118.54 2.29 0.00	92.25 1.78 0.00	44.10 0.84 0.00	37.46 0.77 0.00	36.24 0.87 0.00
COBBLENY_34_KV_TB1 80064	32.37 0.67 0.00	29.47 0.24 0.00	27.87 0.31 0.00	26.72 0.20 0.00	21.73 0.05 0.00	19.25 0.12 0.00	21.46 0.02 0.00	20.06 0.28 0.00	24.23 0.48 0.00	25.82 0.27 0.00	33.04 0.48 0.00	32.97 0.18 0.00	34.63 0.03 0.00	36.50 -0.38 0.00	33.30 -0.67 0.00	30.21 -0.66 0.00	38.24 -1.12 0.00	47.21 -1.74 0.00	44.44 -1.50 0.00	112.18 -4.07 0.00	87.30 -3.17 0.00	42.29 -0.97 0.00	36.15 -0.53 0.00	35.29 -0.08 0.00
COFFEEN___115KV_TB3 355620	33.75 0.08 -1.97	29.90 -0.16 -0.83	27.52 -0.04 0.00	27.09 0.26 -0.32	22.19 0.39 -0.13	19.45 0.32 0.00	21.84 0.40 0.00	20.25 0.47 0.00	24.37 0.62 0.00	26.43 0.78 -0.10	34.57 1.27 -0.74	34.90 1.33 -0.78	38.28 1.26 -2.41	40.66 0.86 -2.93	36.82 0.41 -2.44	33.36 0.57 -1.93	43.56 0.87 -3.35	54.96 1.01 -4.99	52.04 1.53 -4.56	127.57 4.19 -7.13	100.21 3.79 -5.96	45.62 2.05 -0.32	38.32 1.64 0.00	36.76 1.39 0.00
COLDSPRG_115KV_BK1 355956	33.46 1.76 0.00	30.50 1.26 0.00	28.79 1.22 0.00	27.65 1.13 0.00	22.46 0.78 0.00	19.90 0.77 0.00	22.18 0.74 0.00	20.81 1.03 0.00	25.19 1.44 0.00	26.93 1.38 0.00	34.42 1.86 0.00	34.16 1.37 0.00	36.05 1.44 0.00	37.94 1.07 0.00	34.65 0.68 0.00	31.40 0.53 0.00	39.86 0.51 0.00	49.37 0.42 0.00	46.39 0.44 0.00	117.39 1.14 0.00	91.37 0.90 0.00	44.07 0.81 0.00	37.50 0.82 0.00	36.45 1.08 0.00
COLONIE_LFGE___ 323577	33.04 1.34 0.00	30.49 1.25 0.00	28.70 1.14 0.00	27.69 1.17 0.00	22.67 0.99 0.00	19.98 0.84 0.00	22.42 0.98 0.00	20.77 0.99 0.00	24.89 1.15 0.00	26.84 1.29 0.00	34.10 1.53 0.00	34.39 1.60 0.00	36.29 1.68 0.00	38.58 1.71 0.00	35.53 1.56 0.00	32.23 1.36 0.00	41.06 1.71 0.00	51.09 2.13 0.00	47.98 2.04 0.00	121.91 5.67 0.00	94.70 4.24 0.00	45.26 2.00 0.00	38.40 1.72 0.00	36.79 1.42 0.00
COOPERNY_115KV_TB1 80082	32.60 0.91 0.00	30.05 0.81 0.00	28.31 0.75 0.00	27.21 0.69 0.00	22.26 0.58 0.00	19.64 0.50 0.00	22.05 0.61 0.00	20.52 0.74 0.00	24.59 0.85 0.00	26.47 0.92 0.00	33.72 1.16 0.00	34.07 1.28 0.00	36.01 1.40 0.00	38.44 1.57 0.00	35.54 1.57 0.00	32.32 1.45 0.00	41.26 1.91 0.00	51.45 2.49 0.00	48.20 2.25 0.00	121.59 5.34 0.00	94.65 4.19 0.00	45.25 1.99 0.00	38.23 1.55 0.00	36.57 1.20 0.00
COPENHAGEN_WT_PWR 323753	33.30 -0.46 -2.06	29.47 -0.63 -0.87	27.13 -0.43 0.00	26.79 -0.06 -0.33	21.98 0.16 -0.14	19.24 0.11 0.00	21.61 0.17 0.00	20.05 0.27 0.00	24.13 0.39 0.00	26.16 0.50 -0.10	34.19 0.85 -0.77	34.45 0.85 -0.81	37.94 0.82 -2.52	40.43 0.50 -3.05	36.65 0.13 -2.55	33.15 0.27 -2.01	43.31 0.48 -3.49	54.73 0.56 -5.21	51.70 0.99 -4.76	126.40 2.71 -7.44	99.15 2.47 -6.22	44.98 1.39 -0.33	37.80 1.12 0.00	36.30 0.92 0.00
CORNELL___ 23752	33.68 0.77 -1.21	30.30 0.56 -0.51	28.09 0.53 0.00	27.20 0.49 -0.19	22.11 0.35 -0.08	19.50 0.37 0.00	21.85 0.42 0.00	20.34 0.56 0.00	24.45 0.71 0.00	26.33 0.71 -0.06	33.92 0.90 -0.46	34.06 0.79 -0.48	36.97 0.88 -1.48	39.63 0.95 -1.80	36.34 0.87 -1.50	32.85 0.80 -1.18	42.50 1.10 -2.05	53.41 1.38 -3.07	50.03 1.28 -2.80	123.87 3.24 -4.38	96.55 2.42 -3.66	44.51 1.06 -0.20	37.50 0.82 0.00	36.09 0.72 0.00
CORONA_AAV_69_KV_TB1 355595	34.69 2.36 -0.63	32.20 2.21 -0.76	35.57 2.07 -5.94	28.46 1.94 0.00	23.30 1.62 0.00	20.50 1.36 0.00	23.07 1.63 0.00	21.49 1.71 0.00	25.72 1.98 0.00	27.55 2.00 0.00	41.30 2.68 -6.06	54.45 2.77 -18.88	37.52 2.92 0.00	72.26 3.45 -31.93	68.76 3.29 -31.51	293.76 3.03 -259.87	56.20 3.84 -13.01	139.04 5.03 -85.05	67.60 4.54 -17.12	127.72 10.72 -0.75	111.04 8.73 -11.85	702.59 4.23 -655.10	57.39 3.52 -17.19	38.31 2.94 0.00
CORTLAND_115KV_TB3 80093	33.39 0.44 -1.25	30.05 0.29 -0.53	27.84 0.27 0.00	26.97 0.25 -0.20	21.93 0.16 -0.08	19.33 0.19 0.00	21.66 0.23 0.00	20.14 0.36 0.00	24.19 0.45 0.00	26.07 0.46 -0.06	33.62 0.59 -0.47	33.75 0.46 -0.49	36.68 0.54 -1.54	39.30 0.56 -1.86	36.03 0.50 -1.55	32.56 0.46 -1.23	42.12 0.64 -2.13	52.96 0.82 -3.18	49.60 0.75 -2.90	122.68 1.89 -4.54	95.70 1.44 -3.79	44.05 0.59 -0.20	37.12 0.44 0.00	35.74 0.37 0.00
COXSACKIE___GT 23611	34.02 2.32 0.00	31.26 2.03 0.00	29.42 1.85 0.00	28.35 1.83 0.00	23.18 1.50 0.00	20.44 1.31 0.00	22.94 1.50 0.00	21.30 1.53 0.00	25.64 1.90 0.00	27.69 2.14 0.00	35.26 2.70 0.00	35.51 2.72 0.00	37.21 2.60 0.00	39.52 2.65 0.00	36.33 2.36 0.00	32.87 2.00 0.00	41.98 2.63 0.00	52.90 3.95 0.00	49.82 3.87 0.00	126.50 10.26 0.00	98.27 7.81 0.00	46.85 3.60 0.00	39.63 2.95 0.00	37.94 2.57 0.00
CPV_VALLEY___CC1 323721	32.65 0.96 0.00	30.11 0.88 0.00	28.37 0.80 0.00	27.27 0.75 0.00	22.33 0.65 0.00	19.70 0.56 0.00	22.12 0.68 0.00	20.61 0.84 0.00	24.68 0.94 0.00	26.57 1.01 0.00	33.82 1.26 0.00	34.21 1.42 0.00	36.18 1.57 0.00	38.64 1.76 0.00	35.75 1.78 0.00	32.50 1.63 0.00	41.50 2.15 0.00	51.77 2.81 0.00	48.47 2.52 0.00	122.22 5.97 0.00	95.19 4.73 0.00	45.50 2.24 0.00	38.42 1.74 0.00	36.69 1.31 0.00

CPV_VALLEY___CC2 323722	32.65 0.96 0.00	30.11 0.88 0.00	28.37 0.80 0.00	27.27 0.75 0.00	22.33 0.65 0.00	19.70 0.56 0.00	22.12 0.68 0.00	20.61 0.84 0.00	24.68 0.94 0.00	26.57 1.01 0.00	33.82 1.26 0.00	34.21 1.42 0.00	36.18 1.57 0.00	38.64 1.76 0.00	35.75 1.78 0.00	32.50 1.63 0.00	41.50 2.15 0.00	51.77 2.81 0.00	48.47 2.52 0.00	122.22 5.97 0.00	95.19 4.73 0.00	45.50 2.24 0.00	38.42 1.74 0.00	36.69 1.31 0.00
CRESCENT___HYD 24018	33.04 1.34 0.00	30.49 1.25 0.00	28.70 1.14 0.00	27.69 1.17 0.00	22.67 0.99 0.00	19.98 0.84 0.00	22.42 0.98 0.00	20.77 0.99 0.00	24.89 1.15 0.00	26.84 1.29 0.00	34.10 1.53 0.00	34.39 1.60 0.00	36.29 1.68 0.00	38.58 1.71 0.00	35.53 1.56 0.00	32.23 1.36 0.00	41.06 1.71 0.00	51.09 2.13 0.00	47.98 2.04 0.00	121.91 5.67 0.00	94.70 4.24 0.00	45.26 2.00 0.00	38.40 1.72 0.00	36.79 1.42 0.00
CRICKET___VALLEY_CC1 323756	32.79 1.10 0.00	30.36 1.13 0.00	28.62 1.06 0.00	27.55 1.03 0.00	22.59 0.91 0.00	19.89 0.76 0.00	22.36 0.92 0.00	20.83 1.05 0.00	24.91 1.16 0.00	26.78 1.23 0.00	34.04 1.47 0.00	34.41 1.62 0.00	36.38 1.78 0.00	38.82 1.94 0.00	35.87 1.90 0.00	32.58 1.71 0.00	41.61 2.26 0.00	51.88 2.93 0.00	48.58 2.64 0.00	122.70 6.45 0.00	95.48 5.02 0.00	45.55 2.29 0.00	38.53 1.85 0.00	36.82 1.45 0.00
CRICKET___VALLEY_CC2 323757	32.79 1.10 0.00	30.36 1.13 0.00	28.62 1.06 0.00	27.55 1.03 0.00	22.59 0.91 0.00	19.89 0.76 0.00	22.36 0.92 0.00	20.83 1.05 0.00	24.91 1.16 0.00	26.78 1.23 0.00	34.04 1.47 0.00	34.41 1.62 0.00	36.38 1.78 0.00	38.82 1.94 0.00	35.87 1.90 0.00	32.58 1.71 0.00	41.61 2.26 0.00	51.88 2.93 0.00	48.58 2.64 0.00	122.70 6.45 0.00	95.48 5.02 0.00	45.55 2.29 0.00	38.53 1.85 0.00	36.82 1.45 0.00
CRICKET___VALLEY_CC3 323758	32.79 1.10 0.00	30.36 1.13 0.00	28.62 1.06 0.00	27.55 1.03 0.00	22.59 0.91 0.00	19.89 0.76 0.00	22.36 0.92 0.00	20.83 1.05 0.00	24.91 1.16 0.00	26.78 1.23 0.00	34.04 1.47 0.00	34.41 1.62 0.00	36.38 1.78 0.00	38.82 1.94 0.00	35.87 1.90 0.00	32.58 1.71 0.00	41.61 2.26 0.00	51.88 2.93 0.00	48.58 2.64 0.00	122.70 6.45 0.00	95.48 5.02 0.00	45.55 2.29 0.00	38.53 1.85 0.00	36.82 1.45 0.00
CRUCIBLE_METL_DRP 24180	33.90 -0.03 -2.24	30.02 -0.16 -0.94	27.43 -0.14 0.00	26.73 -0.16 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.22 0.02 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.57 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.18 -0.36	36.50 -0.18 0.00	35.15 -0.22 0.00
DAHOWA___HYDRO 323763	33.69 1.99 0.00	31.04 1.80 0.00	29.21 1.65 0.00	28.14 1.62 0.00	23.02 1.34 0.00	20.28 1.14 0.00	22.78 1.35 0.00	21.13 1.35 0.00	25.33 1.59 0.00	27.35 1.79 0.00	34.65 2.09 0.00	34.93 2.14 0.00	36.85 2.24 0.00	39.01 2.14 0.00	35.87 1.90 0.00	32.50 1.63 0.00	41.40 2.05 0.00	51.57 2.61 0.00	48.66 2.71 0.00	124.26 8.01 0.00	96.76 6.30 0.00	46.08 2.82 0.00	39.07 2.39 0.00	37.45 2.08 0.00
DANC___LFGE 323619	33.76 -0.47 -2.53	29.69 -0.61 -1.06	27.08 -0.48 0.00	26.67 -0.25 -0.40	21.76 -0.08 -0.17	19.05 -0.09 0.00	21.37 -0.07 0.00	19.82 0.04 0.00	23.85 0.11 0.00	25.84 0.16 -0.13	33.87 0.36 -0.95	34.14 0.35 -1.00	38.03 0.33 -3.09	40.71 0.08 -3.75	36.95 -0.14 -3.13	33.27 -0.07 -2.47	43.62 -0.02 -4.29	55.32 -0.04 -6.40	52.06 0.26 -5.85	126.14 0.74 -9.14	98.92 0.82 -7.64	44.24 0.57 -0.41	37.11 0.43 0.00	35.67 0.30 0.00
DANSKAMMER___1 23586	33.39 1.69 0.00	30.81 1.57 0.00	29.01 1.44 0.00	27.89 1.37 0.00	22.83 1.16 0.00	20.13 0.99 0.00	22.62 1.18 0.00	21.10 1.32 0.00	25.28 1.54 0.00	27.22 1.67 0.00	34.65 2.09 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.63 2.75 0.00	36.69 2.73 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.26 4.30 0.00	49.87 3.92 0.00	125.71 9.46 0.00	97.83 7.36 0.00	46.73 3.47 0.00	39.42 2.74 0.00	37.61 2.24 0.00
DANSKAMMER___2 23589	33.39 1.69 0.00	30.81 1.57 0.00	29.01 1.44 0.00	27.89 1.37 0.00	22.83 1.16 0.00	20.13 0.99 0.00	22.62 1.18 0.00	21.10 1.32 0.00	25.28 1.54 0.00	27.22 1.67 0.00	34.65 2.09 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.63 2.75 0.00	36.69 2.73 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.26 4.30 0.00	49.87 3.92 0.00	125.71 9.46 0.00	97.83 7.36 0.00	46.73 3.47 0.00	39.42 2.74 0.00	37.61 2.24 0.00
DANSKAMMER___3 23590	33.39 1.69 0.00	30.81 1.57 0.00	29.01 1.44 0.00	27.89 1.37 0.00	22.83 1.16 0.00	20.13 0.99 0.00	22.62 1.18 0.00	21.10 1.32 0.00	25.28 1.54 0.00	27.22 1.67 0.00	34.65 2.09 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.63 2.75 0.00	36.69 2.73 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.26 4.30 0.00	49.87 3.92 0.00	125.71 9.46 0.00	97.83 7.36 0.00	46.73 3.47 0.00	39.42 2.74 0.00	37.61 2.24 0.00
DANSKAMMER___4 23591	33.39 1.69 0.00	30.81 1.57 0.00	29.01 1.44 0.00	27.89 1.37 0.00	22.83 1.16 0.00	20.13 0.99 0.00	22.62 1.18 0.00	21.10 1.32 0.00	25.28 1.54 0.00	27.22 1.67 0.00	34.65 2.09 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.63 2.75 0.00	36.69 2.73 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.26 4.30 0.00	49.87 3.92 0.00	125.71 9.46 0.00	97.83 7.36 0.00	46.73 3.47 0.00	39.42 2.74 0.00	37.61 2.24 0.00
DANSKAMMER___DIESEL 23592	33.39 1.69 0.00	30.80 1.57 0.00	29.01 1.45 0.00	27.89 1.36 0.00	22.84 1.16 0.00	20.13 0.99 0.00	22.62 1.18 0.00	21.10 1.32 0.00	25.29 1.55 0.00	27.22 1.67 0.00	34.65 2.09 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.62 2.75 0.00	36.69 2.73 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.26 4.30 0.00	49.87 3.92 0.00	125.71 9.46 0.00	97.83 7.36 0.00	46.73 3.47 0.00	39.42 2.74 0.00	37.61 2.24 0.00
DARBY___SOLAR 323810	33.58 1.89 0.00	30.95 1.71 0.00	29.13 1.56 0.00	28.06 1.54 0.00	22.96 1.28 0.00	20.23 1.09 0.00	22.72 1.28 0.00	21.06 1.29 0.00	25.25 1.51 0.00	27.25 1.70 0.00	34.56 2.00 0.00	34.84 2.04 0.00	36.75 2.14 0.00	38.94 2.06 0.00	35.82 1.85 0.00	32.46 1.59 0.00	41.35 2.00 0.00	51.50 2.54 0.00	48.56 2.62 0.00	123.87 7.62 0.00	96.43 5.96 0.00	45.97 2.71 0.00	38.98 2.30 0.00	37.36 1.99 0.00
DASHVILLE___HYD 23610	32.88 1.18 0.00	30.36 1.13 0.00	28.60 1.04 0.00	27.49 0.97 0.00	22.52 0.84 0.00	19.85 0.71 0.00	22.31 0.87 0.00	20.83 1.05 0.00	24.94 1.19 0.00	26.83 1.27 0.00	34.14 1.58 0.00	34.55 1.76 0.00	36.56 1.95 0.00	39.07 2.19 0.00	36.19 2.23 0.00	32.97 2.11 0.00	42.13 2.78 0.00	52.56 3.61 0.00	49.17 3.22 0.00	123.78 7.53 0.00	96.40 5.94 0.00	46.06 2.81 0.00	38.86 2.18 0.00	37.08 1.71 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.52 4.19 -0.63	33.86 3.87 -0.76	37.18 3.68 -5.94	29.92 3.40 0.00	24.47 2.79 0.00	21.50 2.36 0.00	24.25 2.82 0.00	22.62 2.84 0.00	75.35 3.51 -48.10	28.75 3.20 0.00	42.61 3.99 -6.06	56.32 4.64 -18.88	38.98 4.37 0.00	73.91 5.10 -31.93	70.32 4.84 -31.51	295.18 4.44 -259.87	185.86 5.97 -140.54	141.63 7.62 -85.05	69.95 6.87 -17.13	134.32 17.31 -0.76	122.06 14.19 -17.41	710.59 6.69 -660.64	58.97 5.10 -17.19	39.73 4.36 0.00
DELAWARE___LFGE 323621	33.03 0.92 -0.41	30.22 0.82 -0.17	28.31 0.75 0.00	27.29 0.70 -0.07	22.28 0.58 -0.03	19.65 0.52 0.00	22.04 0.61 0.00	20.49 0.72 0.00	24.60 0.86 0.00	26.49 0.92 -0.02	33.90 1.18 -0.16	34.15 1.19 -0.16	36.39 1.28 -0.51	38.82 1.33 -0.61	35.78 1.30 -0.51	32.46 1.18 -0.40	41.59 1.54 -0.70	52.02 2.02 -1.05	48.75 1.84 -0.96	122.29 4.54 -1.50	95.22 3.51 -1.25	44.94 1.62 -0.07	37.97 1.29 0.00	36.48 1.11 0.00
DERFIELD_115KV_TB7 355931	31.70 0.00 0.00	29.23 -0.01 0.00	27.55 -0.02 0.00	26.52 0.00 0.00	21.68 0.00 0.00	19.13 0.00 0.00	21.46 0.02 0.00	19.84 0.06 0.00	23.81 0.07 0.00	25.63 0.08 0.00	32.66 0.10 0.00	32.89 0.10 0.00	34.71 0.10 0.00	36.99 0.11 0.00	34.07 0.10 0.00	30.96 0.09 0.00	39.47 0.12 0.00	49.14 0.18 0.00	46.08 0.14 0.00	116.69 0.44 0.00	90.78 0.31 0.00	43.39 0.13 0.00	36.78 0.10 0.00	35.41 0.04 0.00
DOGLEVILLE___HYD 23807	31.85 0.15 0.00	29.21 -0.03 0.00	27.43 -0.13 0.00	26.42 -0.10 0.00	21.63 -0.05 0.00	19.10 -0.04 0.00	21.44 0.01 0.00	19.92 0.15 0.00	23.96 0.22 0.00	25.88 0.32 0.00	32.93 0.37 0.00	33.22 0.43 0.00	35.06 0.45 0.00	37.40 0.52 0.00	34.39 0.42 0.00	31.13 0.26 0.00	39.67 0.32 0.00	49.68 0.72 0.00	46.62 0.67 0.00	118.87 2.62 0.00	92.33 1.87 0.00	43.96 0.70 0.00	37.28 0.60 0.00	35.55 0.18 0.00
DUNKIRK___115KV_TB_200 55889	32.76 1.07 0.00	29.86 0.63 0.00	28.20 0.64 0.00	27.10 0.58 0.00	22.02 0.34 0.00	19.52 0.38 0.00	21.74 0.30 0.00	20.36 0.58 0.00	24.59 0.85 0.00	26.25 0.70 0.00	33.58 1.02 0.00	33.40 0.60 0.00	35.22 0.61 0.00	37.10 0.22 0.00	33.86 -0.11 0.00	30.72 -0.15 0.00	38.98 -0.36 0.00	48.19 -0.77 0.00	45.30 -0.64 0.00	114.61 -1.64 0.00	89.12 -1.35 0.00	43.00 -0.26 0.00	36.65 -0.03 0.00	35.70 0.32 0.00
DUNKIRK___1 23563	32.76 1.07 0.00	29.86 0.63 0.00	28.20 0.64 0.00	27.10 0.58 0.00	22.02 0.34 0.00	19.52 0.38 0.00	21.74 0.30 0.00	20.36 0.58 0.00	24.59 0.85 0.00	26.25 0.70 0.00	33.58 1.02 0.00	33.40 0.60 0.00	35.22 0.61 0.00	37.10 0.22 0.00	33.86 -0.11 0.00	30.72 -0.15 0.00	38.98 -0.36 0.00	48.19 -0.77 0.00	45.30 -0.64 0.00	114.61 -1.64 0.00	89.12 -1.35 0.00	43.00 -0.26 0.00	36.65 -0.03 0.00	35.70 0.32 0.00
DUNKIRK___2 23564	32.76 1.07 0.00	29.86 0.63 0.00	28.20 0.64 0.00	27.10 0.58 0.00	22.02 0.34 0.00	19.52 0.38 0.00	21.74 0.30 0.00	20.36 0.58 0.00	24.59 0.85 0.00	26.25 0.70 0.00	33.58 1.02 0.00	33.40 0.60 0.00	35.22 0.61 0.00	37.10 0.22 0.00	33.86 -0.11 0.00	30.72 -0.15 0.00	38.98 -0.36 0.00	48.19 -0.77 0.00	45.30 -0.64 0.00	114.61 -1.64 0.00	89.12 -1.35 0.00	43.00 -0.26 0.00	36.65 -0.03 0.00	35.70 0.32 0.00
DUNKIRK___3 23565	32.56 0.86 0.00	29.68 0.45 0.00	28.05 0.48 0.00	26.94 0.42 0.00	21.89 0.21 0.00	19.40 0.26 0.00	21.62 0.18 0.00	20.24 0.47 0.00	24.43 0.69 0.00	26.07 0.51 0.00	33.33 0.77 0.00	33.16 0.37 0.00	34.94 0.33 0.00	36.79 -0.09 0.00	33.59 -0.38 0.00	30.46 -0.41 0.00	38.63 -0.72 0.00	47.73 -1.22 0.00	44.89 -1.05 0.00	113.48 -2.77 0.00	88.28 -2.19 0.00	42.66 -0.60 0.00	36.38 -0.30 0.00	35.45 0.08 0.00
DUNKIRK___4 23566	32.56 0.86 0.00	29.68 0.45 0.00	28.05 0.48 0.00	26.94 0.42 0.00	21.89 0.21 0.00	19.40 0.26 0.00	21.62 0.18 0.00	20.24 0.47 0.00	24.43 0.69 0.00	26.07 0.51 0.00	33.33 0.77 0.00	33.16 0.37 0.00	34.94 0.33 0.00	36.79 -0.09 0.00	33.59 -0.38 0.00	30.46 -0.41 0.00	38.63 -0.72 0.00	47.73 -1.22 0.00	44.89 -1.05 0.00	113.48 -2.77 0.00	88.28 -2.19 0.00	42.66 -0.60 0.00	36.38 -0.30 0.00	35.45 0.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.28 1.59 0.00	30.72 1.49 0.00	28.95 1.38 0.00	27.82 1.30 0.00	22.78 1.10 0.00	20.07 0.94 0.00	22.56 1.13 0.00	21.06 1.28 0.00	25.22 1.48 0.00	27.15 1.60 0.00	34.53 1.97 0.00	34.98 2.18 0.00	37.01 2.40 0.00	39.61 2.73 0.00	36.66 2.69 0.00	33.31 2.44 0.00	42.52 3.17 0.00	53.07 4.11 0.00	49.64 3.70 0.00	125.05 8.80 0.00	97.47 7.01 0.00	46.61 3.35 0.00	39.35 2.67 0.00	37.50 2.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.10 1.40 0.00	30.53 1.29 0.00	28.75 1.19 0.00	27.63 1.12 0.00	22.63 0.94 0.00	19.95 0.81 0.00	22.41 0.98 0.00	20.90 1.13 0.00	25.05 1.31 0.00	26.96 1.40 0.00	34.32 1.76 0.00	34.73 1.94 0.00	36.73 2.13 0.00	39.23 2.35 0.00	36.32 2.35 0.00	33.07 2.20 0.00	42.25 2.90 0.00	52.71 3.75 0.00	49.35 3.41 0.00	124.42 8.17 0.00	96.90 6.44 0.00	46.29 3.04 0.00	39.06 2.38 0.00	37.27 1.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.34 1.64 0.00	30.81 1.58 0.00	29.05 1.48 0.00	27.90 1.38 0.00	22.88 1.20 0.00	20.14 1.01 0.00	22.64 1.20 0.00	21.14 1.37 0.00	25.29 1.54 0.00	27.23 1.68 0.00	34.53 1.97 0.00	35.06 2.27 0.00	37.06 2.45 0.00	39.71 2.83 0.00	36.76 2.79 0.00	33.43 2.56 0.00	42.62 3.27 0.00	53.18 4.22 0.00	49.79 3.84 0.00	125.22 8.97 0.00	97.75 7.29 0.00	46.77 3.51 0.00	39.45 2.78 0.00	37.60 2.23 0.00
E179THST_13_KV_LOAD 356214	33.51 1.82 0.00	30.96 1.72 0.00	29.19 1.62 0.00	28.03 1.51 0.00	22.97 1.29 0.00	20.24 1.10 0.00	22.74 1.31 0.00	21.24 1.46 0.00	25.41 1.66 0.00	27.36 1.81 0.00	34.72 2.16 0.00	35.25 2.45 0.00	37.26 2.66 0.00	39.93 3.06 0.00	36.97 3.00 0.00	33.61 2.75 0.00	42.86 3.52 0.00	53.48 4.52 0.00	50.06 4.12 0.00	125.92 9.67 0.00	98.30 7.83 0.00	47.03 3.77 0.00	39.68 3.00 0.00	37.81 2.44 0.00
EAST HAMPTON___GT 23717	37.15 4.82 -0.63	34.42 4.42 -0.76	37.67 4.16 -5.94	30.38 3.85 0.00	24.84 3.16 0.00	21.83 2.69 0.00	24.63 3.19 0.00	22.99 3.22 0.00	75.85 4.00 -48.11	29.32 3.77 0.00	43.38 4.76 -6.06	57.01 5.33 -18.89	39.60 5.00 0.00	74.54 5.73 -31.93	70.92 5.44 -31.51	295.73 4.99 -259.87	186.68 6.71 -140.62	142.61 8.60 -85.06	70.84 7.76 -17.13	136.30 19.29 -0.76	123.59 15.72 -17.41	711.23 7.33 -660.64	59.52 5.65 -17.19	40.47 5.10 0.00
EAST RIVER___6 23660	33.37 1.67 0.00	30.82 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.82 1.15 0.00	20.12 0.98 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.31 1.57 0.00	27.28 1.72 0.00	34.65 2.09 0.00	35.18 2.38 0.00	37.21 2.61 0.00	39.83 2.95 0.00	36.88 2.91 0.00	33.51 2.64 0.00	42.80 3.45 0.00	53.39 4.44 0.00	49.91 3.97 0.00	125.63 9.38 0.00	97.98 7.52 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.67 2.30 0.00

EAST RIVER___7 23524	33.37 1.67 0.00	30.82 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.82 1.15 0.00	20.12 0.98 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.31 1.57 0.00	27.28 1.72 0.00	34.65 2.09 0.00	35.18 2.38 0.00	37.21 2.61 0.00	39.83 2.95 0.00	36.88 2.91 0.00	33.51 2.64 0.00	42.80 3.45 0.00	53.39 4.44 0.00	49.91 3.97 0.00	125.63 9.38 0.00	97.98 7.52 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.67 2.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.22 1.53 0.00	30.67 1.43 0.00	28.89 1.33 0.00	27.77 1.25 0.00	22.74 1.06 0.00	20.04 0.91 0.00	22.52 1.08 0.00	21.02 1.24 0.00	25.17 1.43 0.00	27.10 1.54 0.00	34.46 1.90 0.00	34.91 2.12 0.00	36.93 2.32 0.00	39.51 2.63 0.00	36.57 2.61 0.00	33.23 2.36 0.00	42.43 3.08 0.00	52.95 3.99 0.00	49.54 3.60 0.00	124.80 8.55 0.00	97.24 6.77 0.00	46.51 3.25 0.00	39.25 2.57 0.00	37.42 2.05 0.00
EAST_HAMPTON___DIESEL 23722	37.16 4.82 -0.63	34.42 4.42 -0.76	37.67 4.16 -5.94	30.38 3.86 0.00	24.84 3.16 0.00	21.83 2.69 0.00	24.63 3.19 0.00	22.99 3.22 0.00	75.85 4.00 -48.11	29.33 3.78 0.00	43.40 4.78 -6.06	57.03 5.35 -18.89	39.63 5.03 0.00	74.57 5.76 -31.93	70.93 5.46 -31.51	295.74 5.00 -259.87	186.71 6.74 -140.61	142.64 8.63 -85.06	70.85 7.77 -17.13	136.39 19.38 -0.76	123.62 15.74 -17.41	711.26 7.36 -660.64	59.55 5.68 -17.19	40.48 5.11 0.00
EAST_PULASKI___ESR 323781	34.78 -0.47 -3.56	30.16 -0.58 -1.50	27.05 -0.51 0.00	26.67 -0.42 -0.57	21.61 -0.31 -0.23	18.88 -0.25 0.00	21.17 -0.27 0.00	19.62 -0.15 0.00	23.59 -0.15 0.00	25.58 -0.15 -0.18	33.80 -0.10 -1.34	34.06 -0.13 -1.40	38.82 -0.14 -4.35	41.85 -0.30 -5.28	37.99 -0.39 -4.40	33.98 -0.36 -3.48	44.96 -0.42 -6.03	57.42 -0.55 -9.01	53.79 -0.39 -8.23	128.13 -0.99 -12.87	100.54 -0.69 -10.76	43.61 -0.22 -0.58	36.46 -0.23 0.00	35.07 -0.30 0.00
EAST_RIVER___1 323558	33.32 1.62 0.00	30.77 1.54 0.00	28.99 1.43 0.00	27.85 1.33 0.00	22.81 1.13 0.00	20.11 0.97 0.00	22.61 1.17 0.00	21.11 1.34 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.59 2.02 0.00	35.10 2.31 0.00	37.12 2.52 0.00	39.75 2.87 0.00	36.80 2.84 0.00	33.43 2.56 0.00	42.68 3.33 0.00	53.28 4.33 0.00	49.82 3.88 0.00	125.33 9.09 0.00	97.79 7.33 0.00	46.79 3.53 0.00	39.48 2.80 0.00	37.61 2.24 0.00
EAST_RIVER___2 323559	33.37 1.67 0.00	30.82 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.82 1.15 0.00	20.12 0.98 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.31 1.57 0.00	27.28 1.72 0.00	34.65 2.09 0.00	35.18 2.38 0.00	37.21 2.61 0.00	39.83 2.95 0.00	36.88 2.91 0.00	33.51 2.64 0.00	42.80 3.45 0.00	53.39 4.44 0.00	49.91 3.97 0.00	125.63 9.38 0.00	97.98 7.52 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.67 2.30 0.00
EAST___DELAWARE_HYD 23607	32.59 0.89 0.00	29.99 0.76 0.00	28.22 0.66 0.00	27.08 0.56 0.00	22.16 0.48 0.00	19.53 0.39 0.00	21.95 0.52 0.00	20.49 0.72 0.00	24.59 0.85 0.00	26.50 0.95 0.00	33.79 1.23 0.00	34.14 1.35 0.00	36.14 1.53 0.00	38.45 1.57 0.00	35.76 1.79 0.00	32.69 1.82 0.00	41.78 2.43 0.00	52.14 3.18 0.00	48.94 2.99 0.00	123.19 6.94 0.00	95.89 5.43 0.00	45.77 2.51 0.00	38.56 1.88 0.00	36.75 1.38 0.00
EIGHT_POINT___WT_PWR 323820	33.15 1.00 -0.45	30.14 0.71 -0.19	28.34 0.77 0.00	27.28 0.68 -0.07	22.12 0.41 -0.03	19.57 0.44 0.00	21.92 0.48 0.00	20.49 0.71 0.00	24.64 0.89 0.00	26.40 0.82 -0.02	33.88 1.15 -0.17	33.88 0.91 -0.18	36.09 0.93 -0.55	38.21 0.66 -0.67	34.98 0.45 -0.56	31.63 0.32 -0.44	40.35 0.24 -0.76	50.36 0.27 -1.14	47.27 0.28 -1.04	118.56 0.68 -1.63	92.42 0.59 -1.36	43.83 0.49 -0.07	37.16 0.48 0.00	36.03 0.66 0.00
ELBRIDGE_115KV_TB2 80188	33.96 -0.13 -2.39	30.00 -0.24 -1.01	27.35 -0.22 0.00	26.67 -0.23 -0.38	21.63 -0.21 -0.16	18.99 -0.15 0.00	21.24 -0.20 0.00	19.73 -0.05 0.00	23.71 -0.03 0.00	25.63 -0.05 -0.12	33.38 -0.08 -0.90	33.62 -0.11 -0.94	37.41 -0.12 -2.92	40.29 -0.13 -3.54	36.77 -0.15 -2.95	33.05 -0.15 -2.33	43.17 -0.23 -4.05	54.70 -0.30 -6.05	51.20 -0.27 -5.52	124.22 -0.66 -8.63	97.03 -0.65 -7.22	43.30 -0.35 -0.39	36.37 -0.31 0.00	35.04 -0.33 0.00
ELEC_TRO_TEK 24086	34.43 2.10 -0.63	31.98 1.98 -0.76	35.38 1.88 -5.94	28.27 1.75 0.00	23.15 1.47 0.00	20.36 1.23 0.00	22.93 1.49 0.00	21.35 1.58 0.00	25.57 1.83 0.00	27.41 1.85 0.00	41.04 2.42 -6.06	54.22 2.55 -18.88	37.34 2.74 0.00	71.97 3.16 -31.93	68.57 3.09 -31.51	293.54 2.81 -259.87	55.97 3.61 -13.01	138.74 4.74 -85.05	67.33 4.26 -17.12	127.09 10.08 -0.75	110.52 8.21 -11.85	702.33 3.97 -655.10	57.09 3.22 -17.19	38.00 2.63 0.00
ELLENBURG_WT_PWR 323604	31.80 0.10 0.00	29.50 0.26 0.00	27.80 0.24 0.00	26.72 0.20 0.00	21.78 0.11 0.00	19.20 0.07 0.00	21.49 0.06 0.00	19.70 -0.08 0.00	23.71 -0.03 0.00	25.60 0.04 0.00	32.62 0.06 0.00	32.79 -0.01 0.00	34.55 -0.06 0.00	36.71 -0.16 0.00	33.83 -0.14 0.00	30.88 0.01 0.00	39.27 -0.08 0.00	48.94 -0.02 0.00	46.04 0.09 0.00	116.83 0.58 0.00	90.95 0.49 0.00	43.52 0.26 0.00	36.97 0.29 0.00	35.80 0.43 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.21 0.51 0.00	29.36 0.13 0.00	27.77 0.21 0.00	26.64 0.11 0.00	21.66 -0.02 0.00	19.19 0.06 0.00	21.37 -0.06 0.00	19.97 0.19 0.00	24.13 0.39 0.00	25.69 0.13 0.00	32.85 0.29 0.00	32.77 -0.02 0.00	34.38 -0.22 0.00	36.20 -0.68 0.00	33.00 -0.97 0.00	29.93 -0.94 0.00	37.86 -1.49 0.00	46.73 -2.23 0.00	43.99 -1.96 0.00	110.95 -5.30 0.00	86.40 -4.06 0.00	41.91 -1.35 0.00	35.88 -0.80 0.00	35.02 -0.35 0.00
EMPIRE_CC_1 323656	32.59 0.89 0.00	30.09 0.85 0.00	28.33 0.76 0.00	27.33 0.81 0.00	22.37 0.70 0.00	19.72 0.59 0.00	22.13 0.70 0.00	20.44 0.66 0.00	24.48 0.74 0.00	26.38 0.83 0.00	33.52 0.96 0.00	33.83 1.04 0.00	35.70 1.09 0.00	37.99 1.12 0.00	35.01 1.05 0.00	31.78 0.91 0.00	40.50 1.15 0.00	50.34 1.39 0.00	47.21 1.27 0.00	119.71 3.46 0.00	93.00 2.54 0.00	44.50 1.24 0.00	37.79 1.11 0.00	36.24 0.87 0.00
EMPIRE_CC_2 323658	32.59 0.89 0.00	30.09 0.85 0.00	28.33 0.76 0.00	27.33 0.81 0.00	22.37 0.70 0.00	19.72 0.59 0.00	22.13 0.70 0.00	20.44 0.66 0.00	24.48 0.74 0.00	26.38 0.83 0.00	33.52 0.96 0.00	33.83 1.04 0.00	35.70 1.09 0.00	37.99 1.12 0.00	35.01 1.05 0.00	31.78 0.91 0.00	40.50 1.15 0.00	50.34 1.39 0.00	47.21 1.27 0.00	119.71 3.46 0.00	93.00 2.54 0.00	44.50 1.24 0.00	37.79 1.11 0.00	36.24 0.87 0.00
ENORWICH_115KV_TB1 80156	34.78 2.18 -0.91	31.35 1.74 -0.38	29.19 1.62 0.00	28.15 1.48 -0.14	22.95 1.21 -0.06	20.34 1.21 0.00	22.85 1.42 0.00	21.32 1.55 0.00	25.69 1.95 0.00	27.69 2.09 -0.05	35.67 2.76 -0.34	35.70 2.55 -0.36	38.35 2.63 -1.11	41.26 3.04 -1.35	37.79 2.71 -1.12	34.19 2.44 -0.88	44.36 3.48 -1.54	55.81 4.56 -2.30	52.31 4.27 -2.10	130.35 10.83 -3.28	101.48 8.27 -2.74	47.14 3.73 -0.15	39.65 2.97 0.00	38.06 2.69 0.00

ERIE_ST__34_KV_TB1-2 80199	32.57 0.87 0.00	29.67 0.44 0.00	28.04 0.48 0.00	26.88 0.36 0.00	21.85 0.18 0.00	19.35 0.21 0.00	21.56 0.13 0.00	20.17 0.40 0.00	24.36 0.62 0.00	25.98 0.43 0.00	33.23 0.67 0.00	33.14 0.35 0.00	34.82 0.21 0.00	36.71 -0.17 0.00	33.48 -0.48 0.00	30.34 -0.53 0.00	38.44 -0.91 0.00	47.50 -1.45 0.00	44.69 -1.25 0.00	112.77 -3.48 0.00	87.75 -2.71 0.00	42.52 -0.73 0.00	36.35 -0.33 0.00	35.41 0.04 0.00
ERIE_WT_PWR 323693	32.41 0.71 0.00	29.53 0.29 0.00	27.93 0.36 0.00	26.77 0.25 0.00	21.79 0.11 0.00	19.30 0.16 0.00	21.50 0.06 0.00	20.08 0.30 0.00	24.28 0.53 0.00	25.86 0.30 0.00	33.06 0.50 0.00	32.98 0.18 0.00	34.62 0.02 0.00	36.47 -0.41 0.00	33.27 -0.70 0.00	30.17 -0.70 0.00	38.17 -1.18 0.00	47.10 -1.85 0.00	44.35 -1.60 0.00	111.93 -4.32 0.00	87.11 -3.35 0.00	42.23 -1.03 0.00	36.14 -0.54 0.00	35.26 -0.11 0.00
ESPRGFLD_115KV_TB1 80157	33.48 1.78 0.00	30.92 1.68 0.00	29.16 1.59 0.00	27.99 1.47 0.00	22.85 1.17 0.00	20.21 1.07 0.00	22.68 1.24 0.00	20.99 1.22 0.00	25.26 1.52 0.00	27.17 1.61 0.00	34.73 2.17 0.00	34.90 2.11 0.00	36.76 2.16 0.00	38.87 1.99 0.00	36.06 2.09 0.00	32.82 1.96 0.00	41.78 2.44 0.00	52.15 3.20 0.00	49.00 3.05 0.00	123.42 7.18 0.00	96.21 5.75 0.00	46.15 2.90 0.00	38.75 2.07 0.00	37.56 2.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.68 0.73 -1.26	30.29 0.52 -0.53	28.06 0.49 0.00	27.17 0.45 -0.20	22.09 0.33 -0.08	19.48 0.34 0.00	21.83 0.39 0.00	20.31 0.53 0.00	24.41 0.67 0.00	26.30 0.68 -0.06	33.89 0.85 -0.48	34.02 0.74 -0.50	36.97 0.83 -1.54	39.63 0.89 -1.87	36.33 0.81 -1.56	32.85 0.75 -1.23	42.51 1.02 -2.13	53.44 1.30 -3.19	50.05 1.20 -2.91	123.82 3.02 -4.54	96.52 2.25 -3.80	44.44 0.98 -0.20	37.44 0.76 0.00	36.04 0.67 0.00
ETNA____115KV_TB2 80207	33.68 0.73 -1.26	30.29 0.52 -0.53	28.06 0.49 0.00	27.17 0.45 -0.20	22.09 0.33 -0.08	19.48 0.34 0.00	21.83 0.39 0.00	20.31 0.53 0.00	24.41 0.67 0.00	26.30 0.68 -0.06	33.89 0.85 -0.48	34.02 0.74 -0.50	36.97 0.83 -1.54	39.63 0.89 -1.87	36.33 0.81 -1.56	32.85 0.75 -1.23	42.51 1.02 -2.13	53.44 1.30 -3.19	50.05 1.20 -2.91	123.82 3.02 -4.54	96.52 2.25 -3.80	44.44 0.98 -0.20	37.44 0.76 0.00	36.04 0.67 0.00
EUCLID____115KV_TB2 356179	32.34 -0.39 -1.03	29.20 -0.48 -0.43	27.13 -0.44 0.00	26.25 -0.44 -0.17	21.37 -0.37 -0.07	18.83 -0.31 0.00	21.09 -0.35 0.00	19.56 -0.22 0.00	23.50 -0.24 0.00	25.33 -0.27 -0.05	32.64 -0.31 -0.39	32.84 -0.36 -0.41	35.51 -0.36 -1.26	37.95 -0.47 -1.53	34.78 -0.47 -1.28	31.44 -0.44 -1.01	40.53 -0.57 -1.75	50.84 -0.73 -2.62	47.63 -0.71 -2.39	118.15 -1.83 -3.74	92.12 -1.46 -3.12	42.69 -0.73 -0.17	36.06 -0.62 0.00	34.74 -0.63 0.00
E_CANADA_CAP_HY 24051	33.95 2.25 0.00	31.44 2.21 0.00	29.68 2.12 0.00	28.49 1.97 0.00	23.27 1.59 0.00	20.56 1.43 0.00	23.06 1.62 0.00	21.29 1.52 0.00	25.61 1.87 0.00	27.56 2.01 0.00	35.20 2.64 0.00	35.39 2.60 0.00	37.21 2.61 0.00	39.15 2.27 0.00	36.44 2.47 0.00	33.15 2.28 0.00	42.04 2.69 0.00	52.54 3.58 0.00	49.47 3.52 0.00	124.71 8.46 0.00	97.30 6.84 0.00	46.82 3.56 0.00	39.19 2.52 0.00	38.14 2.77 0.00
E_CANADA_MHWK_HY 24050	31.85 0.15 0.00	29.21 -0.03 0.00	27.43 -0.13 0.00	26.42 -0.10 0.00	21.63 -0.05 0.00	19.10 -0.04 0.00	21.44 0.01 0.00	19.92 0.15 0.00	23.96 0.22 0.00	25.88 0.32 0.00	32.93 0.37 0.00	33.22 0.43 0.00	35.06 0.45 0.00	37.40 0.52 0.00	34.39 0.42 0.00	31.13 0.26 0.00	39.67 0.32 0.00	49.68 0.72 0.00	46.62 0.67 0.00	118.87 2.62 0.00	92.33 1.87 0.00	43.96 0.70 0.00	37.28 0.60 0.00	35.55 0.18 0.00
E_FISHKILL____LBMP 23776	33.02 1.32 0.00	30.49 1.26 0.00	28.73 1.17 0.00	27.64 1.12 0.00	22.63 0.95 0.00	19.95 0.81 0.00	22.41 0.98 0.00	20.89 1.11 0.00	25.01 1.27 0.00	26.92 1.36 0.00	34.23 1.67 0.00	34.64 1.85 0.00	36.63 2.02 0.00	39.14 2.27 0.00	36.20 2.23 0.00	32.89 2.02 0.00	42.00 2.65 0.00	52.38 3.43 0.00	49.03 3.09 0.00	123.63 7.38 0.00	96.29 5.83 0.00	46.02 2.76 0.00	38.88 2.20 0.00	37.12 1.75 0.00
FALCON____SEABRD_CC1 323796	32.13 0.43 0.00	29.81 0.57 0.00	28.06 0.50 0.00	26.97 0.45 0.00	22.01 0.33 0.00	19.39 0.25 0.00	21.70 0.27 0.00	19.91 0.13 0.00	23.95 0.21 0.00	25.88 0.33 0.00	32.95 0.39 0.00	33.12 0.33 0.00	34.91 0.30 0.00	37.10 0.22 0.00	34.18 0.21 0.00	31.18 0.31 0.00	39.68 0.33 0.00	49.45 0.50 0.00	46.52 0.58 0.00	118.30 2.05 0.00	92.03 1.57 0.00	43.97 0.71 0.00	37.37 0.68 0.00	36.17 0.80 0.00
FALCON____SEABRD_CC2 323797	32.13 0.43 0.00	29.81 0.57 0.00	28.06 0.50 0.00	26.97 0.45 0.00	22.01 0.33 0.00	19.39 0.25 0.00	21.70 0.27 0.00	19.91 0.13 0.00	23.95 0.21 0.00	25.88 0.33 0.00	32.95 0.39 0.00	33.12 0.33 0.00	34.91 0.30 0.00	37.10 0.22 0.00	34.18 0.21 0.00	31.18 0.31 0.00	39.68 0.33 0.00	49.45 0.50 0.00	46.52 0.58 0.00	118.30 2.05 0.00	92.03 1.57 0.00	43.97 0.71 0.00	37.37 0.68 0.00	36.17 0.80 0.00
FAR ROCKAWAY____4 23548	35.02 2.69 -0.63	32.49 2.50 -0.76	35.85 2.34 -5.94	28.71 2.19 0.00	23.50 1.82 0.00	20.67 1.53 0.00	23.26 1.83 0.00	21.67 1.89 0.00	25.94 2.20 0.00	27.80 2.25 0.00	41.65 3.03 -6.06	54.76 3.09 -18.88	37.67 3.07 0.00	72.67 3.86 -31.93	68.92 3.45 -31.51	294.04 3.30 -259.87	56.36 4.00 -13.01	139.17 5.16 -85.05	67.81 4.74 -17.12	128.27 11.27 -0.75	111.43 9.12 -11.85	702.75 4.39 -655.10	57.74 3.87 -17.19	38.70 3.33 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.33 1.63 0.00	30.78 1.54 0.00	29.00 1.43 0.00	27.87 1.35 0.00	22.82 1.14 0.00	20.11 0.98 0.00	22.61 1.18 0.00	21.12 1.35 0.00	25.29 1.55 0.00	27.24 1.69 0.00	34.59 2.02 0.00	35.11 2.32 0.00	37.13 2.53 0.00	39.76 2.88 0.00	36.81 2.84 0.00	33.43 2.56 0.00	42.69 3.34 0.00	53.28 4.33 0.00	49.83 3.88 0.00	125.39 9.15 0.00	97.80 7.33 0.00	46.81 3.55 0.00	39.49 2.81 0.00	37.61 2.24 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.35 1.65 0.00	30.80 1.57 0.00	29.02 1.46 0.00	27.88 1.36 0.00	22.83 1.15 0.00	20.13 0.99 0.00	22.63 1.19 0.00	21.13 1.36 0.00	25.30 1.56 0.00	27.26 1.71 0.00	34.61 2.05 0.00	35.14 2.34 0.00	37.15 2.55 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.46 2.59 0.00	42.72 3.37 0.00	53.33 4.37 0.00	49.87 3.92 0.00	125.45 9.20 0.00	97.88 7.42 0.00	46.85 3.59 0.00	39.53 2.85 0.00	37.65 2.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.31 1.61 0.00	30.76 1.53 0.00	28.99 1.42 0.00	27.85 1.33 0.00	22.81 1.13 0.00	20.11 0.97 0.00	22.60 1.17 0.00	21.11 1.33 0.00	25.28 1.54 0.00	27.23 1.68 0.00	34.56 2.00 0.00	35.09 2.29 0.00	37.11 2.50 0.00	39.72 2.85 0.00	36.78 2.82 0.00	33.42 2.55 0.00	42.67 3.32 0.00	53.24 4.29 0.00	49.80 3.85 0.00	125.30 9.05 0.00	97.72 7.25 0.00	46.77 3.51 0.00	39.47 2.79 0.00	37.60 2.23 0.00

FARRAGUT___LBMP 323566	33.28 1.58 0.00	30.74 1.51 0.00	28.96 1.40 0.00	27.83 1.31 0.00	22.79 1.11 0.00	20.09 0.96 0.00	22.59 1.15 0.00	21.09 1.32 0.00	25.26 1.51 0.00	27.21 1.65 0.00	34.54 1.98 0.00	35.05 2.26 0.00	37.08 2.47 0.00	39.69 2.81 0.00	36.75 2.78 0.00	33.38 2.52 0.00	42.63 3.28 0.00	53.20 4.24 0.00	49.75 3.81 0.00	125.20 8.95 0.00	97.67 7.21 0.00	46.73 3.48 0.00	39.43 2.75 0.00	37.56 2.19 0.00
FENNER___WINDPWR 24204	33.11 0.46 -0.95	29.97 0.33 -0.40	27.90 0.33 0.00	26.97 0.30 -0.15	21.96 0.22 -0.06	19.40 0.26 0.00	21.77 0.33 0.00	20.19 0.41 0.00	24.30 0.56 0.00	26.20 0.60 -0.05	33.69 0.77 -0.36	33.91 0.74 -0.38	36.57 0.80 -1.17	39.09 0.80 -1.41	35.86 0.71 -1.18	32.46 0.66 -0.93	41.89 0.92 -1.61	52.59 1.22 -2.41	49.32 1.17 -2.20	122.64 2.95 -3.44	95.62 2.28 -2.88	44.37 0.96 -0.15	37.43 0.75 0.00	36.04 0.67 0.00
FIBERTEK___ENERGY 23856	33.90 -0.03 -2.24	30.02 -0.16 -0.94	27.43 -0.14 0.00	26.73 -0.16 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.22 0.02 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.57 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.18 -0.36	36.50 -0.18 0.00	35.15 -0.22 0.00
FITZPATRICK____ 23598	18.52 -0.93 12.25	23.14 -0.93 5.16	26.69 -0.87 0.00	23.71 -0.85 1.96	20.16 -0.71 0.81	18.54 -0.60 0.00	20.76 -0.68 0.00	19.22 -0.55 0.00	23.09 -0.65 0.00	24.22 -0.72 0.62	27.05 -0.90 4.61	27.03 -0.93 4.83	18.65 -0.97 14.99	17.62 -1.08 18.18	17.79 -1.02 15.16	17.96 -0.94 11.97	17.37 -1.21 20.78	16.38 -1.54 31.03	16.17 -1.43 28.35	68.28 -3.66 44.31	50.53 -2.89 37.04	39.87 -1.41 1.98	35.50 -1.18 0.00	34.21 -1.16 0.00
FLOWRFLD_69_KV_BK1 356044	35.33 3.00 -0.63	32.85 2.86 -0.76	36.25 2.75 -5.94	29.06 2.54 0.00	23.78 2.10 0.00	20.90 1.76 0.00	23.56 2.13 0.00	21.93 2.15 0.00	88.17 2.60 -61.84	28.01 2.45 0.00	41.64 3.02 -6.06	55.11 3.44 -18.88	37.99 3.39 0.00	72.82 4.01 -31.93	69.41 3.94 -31.51	294.37 3.63 -259.87	270.16 4.76 -226.04	140.11 6.10 -85.06	68.65 5.58 -17.13	130.65 13.64 -0.77	122.78 11.18 -21.13	712.89 5.28 -664.35	58.00 4.13 -17.19	38.72 3.34 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.45 1.76 0.00	30.87 1.63 0.00	29.08 1.51 0.00	27.95 1.43 0.00	22.88 1.21 0.00	20.17 1.03 0.00	22.67 1.23 0.00	21.15 1.37 0.00	25.34 1.60 0.00	27.29 1.74 0.00	34.73 2.17 0.00	35.15 2.36 0.00	37.17 2.57 0.00	39.72 2.85 0.00	36.79 2.82 0.00	33.50 2.63 0.00	42.80 3.45 0.00	53.41 4.45 0.00	50.00 4.06 0.00	125.98 9.73 0.00	98.09 7.62 0.00	46.85 3.59 0.00	39.51 2.83 0.00	37.70 2.32 0.00
FORT ORANGE____ 23900	32.57 0.87 0.00	30.03 0.80 0.00	28.28 0.71 0.00	27.24 0.72 0.00	22.31 0.63 0.00	19.68 0.54 0.00	22.07 0.63 0.00	20.47 0.69 0.00	24.54 0.80 0.00	26.44 0.88 0.00	33.63 1.07 0.00	33.94 1.15 0.00	35.81 1.20 0.00	38.12 1.24 0.00	35.11 1.14 0.00	31.84 0.97 0.00	40.65 1.30 0.00	50.71 1.75 0.00	47.59 1.64 0.00	120.55 4.30 0.00	93.70 3.24 0.00	44.76 1.50 0.00	37.94 1.26 0.00	36.34 0.97 0.00
FORT_DRUM_COGEN 23780	33.38 -0.19 -1.87	29.64 -0.38 -0.79	27.32 -0.24 0.00	26.90 0.08 -0.30	22.07 0.26 -0.12	19.34 0.20 0.00	21.70 0.27 0.00	20.11 0.33 0.00	24.21 0.47 0.00	26.23 0.58 -0.09	34.23 0.97 -0.70	34.51 0.98 -0.74	37.84 0.94 -2.29	40.26 0.60 -2.78	36.49 0.21 -2.32	33.07 0.36 -1.83	43.12 0.60 -3.17	54.43 0.73 -4.74	51.45 1.17 -4.33	126.27 3.25 -6.77	99.04 2.92 -5.66	45.16 1.60 -0.30	37.97 1.29 0.00	36.46 1.09 0.00
FPL_FAR_ROCK_GT1 24212	35.02 2.69 -0.63	32.49 2.50 -0.76	35.85 2.34 -5.94	28.71 2.19 0.00	23.50 1.82 0.00	20.67 1.53 0.00	23.26 1.83 0.00	21.67 1.89 0.00	25.94 2.20 0.00	27.80 2.25 0.00	41.65 3.03 -6.06	54.76 3.08 -18.89	37.67 3.07 0.00	72.68 3.86 -31.93	68.93 3.45 -31.51	294.04 3.30 -259.87	56.36 4.00 -13.01	139.17 5.17 -85.05	67.80 4.73 -17.12	128.22 11.21 -0.75	111.43 9.12 -11.85	702.76 4.39 -655.10	57.74 3.87 -17.19	38.70 3.33 0.00
FPL_FAR_ROCK_GT2 23815	35.02 2.69 -0.63	32.49 2.50 -0.76	35.85 2.34 -5.94	28.71 2.19 0.00	23.50 1.82 0.00	20.67 1.53 0.00	23.26 1.83 0.00	21.67 1.89 0.00	25.94 2.20 0.00	27.80 2.25 0.00	41.65 3.03 -6.06	54.76 3.08 -18.89	37.67 3.07 0.00	72.68 3.86 -31.93	68.93 3.45 -31.51	294.04 3.30 -259.87	56.36 4.00 -13.01	139.17 5.17 -85.05	67.80 4.73 -17.12	128.22 11.21 -0.75	111.43 9.12 -11.85	702.76 4.39 -655.10	57.74 3.87 -17.19	38.70 3.33 0.00
FRANKLIN_FALL_HYD 24054	32.06 0.36 0.00	29.69 0.45 0.00	27.98 0.41 0.00	26.89 0.37 0.00	21.94 0.26 0.00	19.35 0.21 0.00	21.65 0.22 0.00	19.83 0.05 0.00	23.89 0.15 0.00	25.79 0.23 0.00	32.91 0.35 0.00	33.09 0.30 0.00	34.88 0.28 0.00	37.11 0.23 0.00	34.16 0.20 0.00	31.19 0.32 0.00	39.70 0.35 0.00	49.45 0.50 0.00	46.51 0.56 0.00	117.89 1.64 0.00	91.82 1.36 0.00	43.99 0.73 0.00	37.36 0.68 0.00	36.19 0.81 0.00
FREEPORT_EQUS_GT1 23764	34.75 2.42 -0.63	32.27 2.28 -0.76	35.66 2.16 -5.94	28.53 2.01 0.00	23.35 1.67 0.00	20.54 1.40 0.00	23.13 1.69 0.00	21.54 1.76 0.00	25.80 2.06 0.00	27.62 2.07 0.00	41.36 2.74 -6.06	54.42 2.74 -18.89	37.64 3.04 0.00	72.34 3.53 -31.93	68.85 3.38 -31.51	293.81 3.08 -259.87	56.28 3.93 -13.01	139.20 5.19 -85.05	67.71 4.65 -17.12	127.93 10.93 -0.75	111.23 8.92 -11.85	702.66 4.30 -655.10	57.51 3.64 -17.19	38.40 3.03 0.00
FREEPORT___CT2 23818	34.75 2.42 -0.63	32.27 2.28 -0.76	35.66 2.16 -5.94	28.53 2.01 0.00	23.35 1.67 0.00	20.54 1.40 0.00	23.13 1.69 0.00	21.54 1.76 0.00	25.80 2.06 0.00	27.62 2.07 0.00	41.36 2.74 -6.06	54.42 2.74 -18.89	37.64 3.04 0.00	72.34 3.53 -31.93	68.85 3.38 -31.51	293.81 3.08 -259.87	56.28 3.93 -13.01	139.20 5.19 -85.05	67.71 4.65 -17.12	127.93 10.93 -0.75	111.23 8.92 -11.85	702.66 4.30 -655.10	57.51 3.64 -17.19	38.40 3.03 0.00
FRESHKLS_33_KV_LOAD 356253	33.38 1.68 0.00	30.94 1.71 0.00	29.15 1.58 0.00	28.00 1.48 0.00	22.89 1.22 0.00	20.16 1.03 0.00	22.67 1.24 0.00	21.17 1.39 0.00	25.26 1.52 0.00	27.17 1.61 0.00	34.10 1.86 0.33	33.59 2.21 1.41	33.89 2.44 3.15	39.31 2.85 0.41	36.76 2.85 0.06	33.44 2.57 0.00	42.65 3.31 0.00	53.25 4.29 0.00	49.99 4.05 0.00	125.68 9.43 0.00	98.27 7.81 0.00	47.00 3.74 0.00	39.44 2.87 0.12	37.53 2.27 0.12
FULTON COGEN____ 23766	35.16 -0.56 -4.02	30.30 -0.62 -1.69	26.98 -0.58 0.00	26.59 -0.57 -0.64	21.46 -0.48 -0.27	18.74 -0.40 0.00	20.99 -0.45 0.00	19.45 -0.32 0.00	23.37 -0.37 0.00	25.35 -0.41 -0.20	33.59 -0.48 -1.51	33.86 -0.52 -1.59	39.00 -0.52 -4.92	42.21 -0.63 -5.96	38.32 -0.62 -4.98	34.23 -0.57 -3.93	45.46 -0.70 -6.82	58.26 -0.88 -10.18	54.42 -0.83 -9.30	128.61 -2.18 -14.54	100.90 -1.72 -12.15	43.03 -0.88 -0.65	35.92 -0.77 0.00	34.59 -0.78 0.00

FULTON___LFGE 323630	35.10 3.40 0.00	32.52 3.29 0.00	30.64 3.07 0.00	29.40 2.88 0.00	24.01 2.33 0.00	21.22 2.08 0.00	23.79 2.35 0.00	22.03 2.25 0.00	26.62 2.87 0.00	28.71 3.16 0.00	36.60 4.04 0.00	36.81 4.01 0.00	38.50 3.90 0.00	40.11 3.23 0.00	37.46 3.49 0.00	34.10 3.23 0.00	43.63 4.28 0.00	54.79 5.84 0.00	51.67 5.72 0.00	131.10 14.85 0.00	102.30 11.84 0.00	48.93 5.67 0.00	40.67 3.99 0.00	39.55 4.18 0.00
G.F.CEMENT___DRP 24184	33.96 2.27 0.00	31.28 2.04 0.00	29.43 1.87 0.00	28.33 1.80 0.00	23.17 1.50 0.00	20.40 1.27 0.00	22.92 1.49 0.00	21.28 1.50 0.00	25.52 1.78 0.00	27.56 2.00 0.00	34.85 2.28 0.00	35.14 2.35 0.00	37.05 2.45 0.00	39.12 2.24 0.00	35.94 1.97 0.00	32.56 1.68 0.00	41.47 2.13 0.00	51.66 2.70 0.00	48.88 2.93 0.00	125.17 8.93 0.00	97.61 7.15 0.00	46.40 3.15 0.00	39.35 2.68 0.00	37.74 2.37 0.00
GARDENVILLE___LBMP 24039	32.30 0.61 0.00	29.45 0.21 0.00	27.85 0.29 0.00	26.71 0.19 0.00	21.73 0.05 0.00	19.24 0.11 0.00	21.44 0.00 0.00	20.03 0.25 0.00	24.21 0.46 0.00	25.79 0.23 0.00	32.97 0.40 0.00	32.88 0.08 0.00	34.52 -0.09 0.00	36.35 -0.53 0.00	33.16 -0.81 0.00	30.06 -0.81 0.00	38.05 -1.30 0.00	46.97 -1.99 0.00	44.20 -1.74 0.00	111.52 -4.73 0.00	86.84 -3.62 0.00	42.11 -1.15 0.00	36.02 -0.66 0.00	35.14 -0.23 0.00
GARDNVLA_35_KV_LD 355827	32.44 0.75 0.00	29.56 0.32 0.00	27.96 0.39 0.00	26.80 0.28 0.00	21.80 0.12 0.00	19.31 0.17 0.00	21.51 0.07 0.00	20.10 0.32 0.00	24.29 0.55 0.00	25.88 0.32 0.00	33.11 0.54 0.00	33.03 0.24 0.00	34.68 0.07 0.00	36.53 -0.34 0.00	33.32 -0.65 0.00	30.21 -0.66 0.00	38.22 -1.13 0.00	47.19 -1.77 0.00	44.42 -1.53 0.00	112.07 -4.18 0.00	87.21 -3.26 0.00	42.28 -0.98 0.00	36.17 -0.51 0.00	35.28 -0.09 0.00
GELCKHM___115KV_LOAD 80723	32.90 -0.27 -1.47	29.49 -0.37 -0.62	27.22 -0.34 0.00	26.42 -0.34 -0.24	21.48 -0.30 -0.10	18.90 -0.24 0.00	21.16 -0.28 0.00	19.63 -0.14 0.00	23.59 -0.16 0.00	25.46 -0.17 -0.07	32.93 -0.19 -0.56	33.15 -0.23 -0.58	36.18 -0.22 -1.80	38.76 -0.30 -2.19	35.49 -0.31 -1.82	32.02 -0.29 -1.44	41.47 -0.38 -2.50	52.20 -0.49 -3.73	48.89 -0.47 -3.41	120.33 -1.25 -5.33	93.89 -1.03 -4.46	42.97 -0.53 -0.24	36.22 -0.46 0.00	34.89 -0.48 0.00
GENERAL___MILLS 23808	32.39 0.69 0.00	29.51 0.27 0.00	27.91 0.34 0.00	26.76 0.24 0.00	21.77 0.09 0.00	19.28 0.14 0.00	21.48 0.04 0.00	20.07 0.29 0.00	24.25 0.51 0.00	25.84 0.28 0.00	33.04 0.47 0.00	32.95 0.16 0.00	34.60 0.00 0.00	36.44 -0.44 0.00	33.24 -0.73 0.00	30.15 -0.72 0.00	38.14 -1.21 0.00	47.08 -1.87 0.00	44.32 -1.63 0.00	111.84 -4.41 0.00	87.03 -3.43 0.00	42.19 -1.06 0.00	36.11 -0.58 0.00	35.23 -0.14 0.00
GE_PLASTICS___DRP 24183	32.48 0.78 0.00	29.97 0.73 0.00	28.23 0.66 0.00	27.19 0.67 0.00	22.26 0.58 0.00	19.64 0.50 0.00	22.02 0.59 0.00	20.43 0.66 0.00	24.48 0.74 0.00	26.37 0.82 0.00	33.54 0.98 0.00	33.85 1.06 0.00	35.70 1.10 0.00	38.03 1.16 0.00	35.06 1.09 0.00	31.83 0.97 0.00	40.59 1.25 0.00	50.58 1.63 0.00	47.43 1.48 0.00	120.09 3.84 0.00	93.36 2.89 0.00	44.62 1.36 0.00	37.83 1.15 0.00	36.26 0.89 0.00
GILBOA___1 23756	32.53 0.84 0.00	30.00 0.77 0.00	28.27 0.71 0.00	27.21 0.69 0.00	22.27 0.59 0.00	19.65 0.52 0.00	22.05 0.62 0.00	20.48 0.70 0.00	24.54 0.80 0.00	26.41 0.86 0.00	33.61 1.05 0.00	33.90 1.10 0.00	35.78 1.17 0.00	38.13 1.26 0.00	35.19 1.22 0.00	31.96 1.10 0.00	40.78 1.43 0.00	50.76 1.81 0.00	47.55 1.60 0.00	120.41 4.16 0.00	93.63 3.17 0.00	44.67 1.41 0.00	37.91 1.23 0.00	36.36 0.99 0.00
GILBOA___2 23757	32.53 0.84 0.00	30.00 0.77 0.00	28.27 0.71 0.00	27.21 0.69 0.00	22.27 0.59 0.00	19.65 0.52 0.00	22.05 0.62 0.00	20.48 0.70 0.00	24.54 0.80 0.00	26.41 0.86 0.00	33.61 1.05 0.00	33.90 1.10 0.00	35.78 1.17 0.00	38.13 1.26 0.00	35.19 1.22 0.00	31.96 1.10 0.00	40.78 1.43 0.00	50.76 1.81 0.00	47.55 1.60 0.00	120.41 4.16 0.00	93.63 3.17 0.00	44.67 1.41 0.00	37.91 1.23 0.00	36.36 0.99 0.00
GILBOA___3 23758	32.53 0.84 0.00	30.00 0.77 0.00	28.27 0.71 0.00	27.21 0.69 0.00	22.27 0.59 0.00	19.65 0.52 0.00	22.05 0.62 0.00	20.48 0.70 0.00	24.54 0.80 0.00	26.41 0.86 0.00	33.61 1.05 0.00	33.90 1.10 0.00	35.78 1.17 0.00	38.13 1.26 0.00	35.19 1.22 0.00	31.96 1.10 0.00	40.78 1.43 0.00	50.76 1.81 0.00	47.55 1.60 0.00	120.41 4.16 0.00	93.63 3.17 0.00	44.67 1.41 0.00	37.91 1.23 0.00	36.36 0.99 0.00
GILBOA___4 23759	32.53 0.84 0.00	30.00 0.77 0.00	28.27 0.71 0.00	27.21 0.69 0.00	22.27 0.59 0.00	19.65 0.52 0.00	22.05 0.62 0.00	20.48 0.70 0.00	24.54 0.80 0.00	26.41 0.86 0.00	33.61 1.05 0.00	33.90 1.10 0.00	35.78 1.17 0.00	38.13 1.26 0.00	35.19 1.22 0.00	31.96 1.10 0.00	40.78 1.43 0.00	50.76 1.81 0.00	47.55 1.60 0.00	120.41 4.16 0.00	93.63 3.17 0.00	44.67 1.41 0.00	37.91 1.23 0.00	36.36 0.99 0.00
GILBOA___ 23599	32.53 0.84 0.00	30.00 0.77 0.00	28.27 0.71 0.00	27.21 0.69 0.00	22.27 0.60 0.00	19.65 0.52 0.00	22.05 0.61 0.00	20.48 0.70 0.00	24.54 0.80 0.00	26.41 0.86 0.00	33.61 1.05 0.00	33.89 1.10 0.00	35.78 1.17 0.00	38.13 1.26 0.00	35.19 1.22 0.00	31.97 1.10 0.00	40.77 1.43 0.00	50.77 1.81 0.00	47.55 1.61 0.00	120.41 4.16 0.00	93.63 3.17 0.00	44.67 1.42 0.00	37.91 1.22 0.00	36.36 0.99 0.00
GINNA___ 23603	30.56 -1.14 0.00	27.96 -1.27 0.00	26.39 -1.17 0.00	25.32 -1.20 0.00	20.64 -1.04 0.00	18.25 -0.89 0.00	20.39 -1.05 0.00	18.97 -0.81 0.00	22.91 -0.84 0.00	24.57 -0.98 0.00	31.43 -1.14 0.00	31.54 -1.25 0.00	33.19 -1.41 0.00	35.20 -1.68 0.00	32.27 -1.70 0.00	29.25 -1.62 0.00	37.12 -2.23 0.00	46.02 -2.93 0.00	43.26 -2.69 0.00	109.16 -7.09 0.00	84.92 -5.55 0.00	40.83 -2.43 0.00	34.73 -1.96 0.00	33.57 -1.80 0.00
GLEN PARK___ 23778	33.64 -0.01 -1.96	29.81 -0.25 -0.82	27.45 -0.11 0.00	27.02 0.19 -0.31	22.14 0.33 -0.13	19.41 0.27 0.00	21.78 0.35 0.00	20.20 0.42 0.00	24.30 0.56 0.00	26.36 0.71 -0.10	34.48 1.18 -0.74	34.80 1.23 -0.77	38.17 1.17 -2.40	40.55 0.76 -2.91	36.73 0.34 -2.42	33.29 0.51 -1.91	43.44 0.77 -3.32	54.82 0.90 -4.96	51.88 1.40 -4.53	127.19 3.85 -7.08	99.88 3.49 -5.92	45.48 1.91 -0.32	38.21 1.53 0.00	36.66 1.29 0.00
GLENDALE_27_KV_LOAD 356172	33.53 1.83 0.00	30.96 1.73 0.00	29.17 1.61 0.00	28.02 1.50 0.00	22.95 1.27 0.00	20.23 1.09 0.00	22.74 1.30 0.00	21.24 1.46 0.00	25.43 1.68 0.00	27.40 1.84 0.00	34.78 2.22 0.00	35.32 2.52 0.00	37.37 2.76 0.00	40.03 3.15 0.00	37.08 3.11 0.00	33.68 2.81 0.00	42.98 3.63 0.00	53.60 4.65 0.00	50.14 4.20 0.00	126.08 9.83 0.00	98.42 7.95 0.00	47.13 3.87 0.00	39.75 3.06 0.00	37.86 2.49 0.00

GLENWOOD_IC_1_G5 23712	34.38 2.04 -0.63	31.91 1.92 -0.76	35.30 1.80 -5.94	28.21 1.69 0.00	23.10 1.42 0.00	20.33 1.20 0.00	22.88 1.44 0.00	21.33 1.55 0.00	25.55 1.81 0.00	27.44 1.89 0.00	41.07 2.45 -6.06	54.32 2.65 -18.88	37.48 2.88 0.00	72.11 3.30 -31.93	68.70 3.23 -31.51	293.56 2.82 -259.87	55.87 3.51 -13.01	138.60 4.59 -85.05	67.18 4.11 -17.12	126.65 9.65 -0.75	110.16 7.85 -11.85	702.25 3.88 -655.10	57.08 3.22 -17.19	37.98 2.61 0.00
GLENWOOD_IC_2_G1 23688	34.18 1.84 -0.63	31.73 1.74 -0.76	35.13 1.63 -5.94	28.04 1.52 0.00	22.96 1.28 0.00	20.22 1.08 0.00	22.75 1.31 0.00	21.21 1.43 0.00	25.40 1.66 0.00	27.30 1.74 0.00	40.85 2.23 -6.06	54.11 2.43 -18.89	37.23 2.62 0.00	71.83 3.01 -31.93	68.43 2.95 -31.51	293.40 2.66 -259.87	55.79 3.43 -13.01	138.48 4.47 -85.05	67.09 4.02 -17.12	126.52 9.52 -0.75	109.98 7.67 -11.85	702.04 3.68 -655.10	56.82 2.95 -17.19	37.76 2.39 0.00
GLENWOOD_IC_3_G1 23689	34.18 1.84 -0.63	31.73 1.74 -0.76	35.13 1.63 -5.94	28.04 1.52 0.00	22.96 1.28 0.00	20.22 1.08 0.00	22.75 1.31 0.00	21.21 1.43 0.00	25.40 1.66 0.00	27.30 1.74 0.00	40.85 2.23 -6.06	54.11 2.43 -18.89	37.23 2.62 0.00	71.83 3.01 -31.93	68.43 2.95 -31.51	293.40 2.66 -259.87	55.79 3.43 -13.01	138.48 4.47 -85.05	67.09 4.02 -17.12	126.52 9.52 -0.75	109.98 7.67 -11.85	702.04 3.68 -655.10	56.82 2.95 -17.19	37.76 2.39 0.00
GLENWOOD___4 23550	34.38 2.04 -0.63	31.91 1.92 -0.76	35.30 1.80 -5.94	28.21 1.69 0.00	23.10 1.42 0.00	20.33 1.20 0.00	22.88 1.44 0.00	21.33 1.55 0.00	25.55 1.81 0.00	27.44 1.89 0.00	41.07 2.45 -6.06	54.32 2.65 -18.88	37.48 2.88 0.00	72.11 3.30 -31.93	68.70 3.23 -31.51	293.60 2.86 -259.87	55.97 3.61 -13.01	138.72 4.71 -85.05	67.29 4.22 -17.12	126.96 9.96 -0.75	110.36 8.04 -11.85	702.30 3.94 -655.10	57.08 3.22 -17.19	37.98 2.61 0.00
GLENWOOD___5 23614	34.38 2.04 -0.63	31.91 1.92 -0.76	35.30 1.80 -5.94	28.21 1.69 0.00	23.10 1.42 0.00	20.33 1.20 0.00	22.88 1.44 0.00	21.33 1.55 0.00	25.55 1.81 0.00	27.44 1.89 0.00	41.07 2.45 -6.06	54.32 2.65 -18.88	37.48 2.88 0.00	72.11 3.30 -31.93	68.70 3.23 -31.51	293.60 2.86 -259.87	55.97 3.61 -13.01	138.72 4.71 -85.05	67.29 4.22 -17.12	126.96 9.96 -0.75	110.36 8.04 -11.85	702.30 3.94 -655.10	57.08 3.22 -17.19	37.98 2.61 0.00
GLOBAL GREEN_PORT_GT1 23814	37.00 4.67 -0.63	34.28 4.29 -0.76	37.55 4.05 -5.94	30.26 3.74 0.00	24.75 3.07 0.00	21.75 2.61 0.00	24.54 3.10 0.00	22.91 3.13 0.00	75.75 3.89 -48.12	29.20 3.65 0.00	43.22 4.60 -6.06	56.78 5.10 -18.89	39.05 4.45 0.00	73.97 5.16 -31.93	70.39 4.91 -31.51	295.26 4.52 -259.87	186.18 6.10 -140.73	141.84 7.83 -85.06	70.11 7.04 -17.13	134.53 17.52 -0.76	122.23 14.35 -17.42	710.61 6.70 -660.65	58.99 5.12 -17.19	40.25 4.88 0.00
GLOBE___DSASP 323697	31.29 -0.41 0.00	28.62 -0.62 0.00	27.11 -0.46 0.00	25.98 -0.54 0.00	21.13 -0.55 0.00	18.71 -0.42 0.00	20.83 -0.61 0.00	19.42 -0.35 0.00	23.48 -0.26 0.00	24.94 -0.62 0.00	31.86 -0.70 0.00	31.82 -0.98 0.00	33.29 -1.32 0.00	34.86 -2.02 0.00	31.70 -2.27 0.00	28.77 -2.10 0.00	36.33 -3.01 0.00	44.72 -4.23 0.00	42.17 -3.78 0.00	106.09 -10.16 0.00	82.66 -7.80 0.00	40.30 -2.96 0.00	34.64 -2.04 0.00	34.04 -1.33 0.00
GOETHSLN___LBMP 323567	33.10 1.41 0.00	30.57 1.34 0.00	28.80 1.24 0.00	27.67 1.15 0.00	22.67 0.99 0.00	19.98 0.84 0.00	22.46 1.02 0.00	20.98 1.20 0.00	25.13 1.39 0.00	27.06 1.51 0.00	34.33 1.77 0.00	34.86 2.06 0.00	36.85 2.25 0.00	39.38 2.56 0.06	36.53 2.56 0.00	33.18 2.31 0.00	42.38 3.03 0.00	52.90 3.95 0.00	49.46 3.51 0.00	124.39 8.14 0.00	97.08 6.61 0.00	46.48 3.22 0.00	39.06 2.50 0.12	37.20 1.95 0.12
GOLAH___69_KV_TB 1_2 80279	32.44 0.74 0.00	29.60 0.36 0.00	27.95 0.39 0.00	26.80 0.28 0.00	21.82 0.14 0.00	19.31 0.17 0.00	21.54 0.10 0.00	20.07 0.30 0.00	24.24 0.50 0.00	25.96 0.41 0.00	33.21 0.65 0.00	33.30 0.50 0.00	34.97 0.37 0.00	37.00 0.12 0.00	33.88 -0.09 0.00	30.71 -0.16 0.00	38.91 -0.44 0.00	48.16 -0.79 0.00	45.31 -0.63 0.00	114.35 -1.90 0.00	89.03 -1.43 0.00	42.94 -0.32 0.00	36.59 -0.09 0.00	35.47 0.10 0.00
GOODYEAR_LAKE_HYD 323669	33.31 1.27 -0.34	30.52 1.14 -0.14	28.62 1.06 0.00	27.56 0.98 -0.06	22.49 0.79 -0.02	19.85 0.72 0.00	22.28 0.84 0.00	20.69 0.92 0.00	24.88 1.14 0.00	26.79 1.21 -0.02	34.29 1.60 -0.13	34.51 1.59 -0.13	36.70 1.68 -0.42	39.07 1.69 -0.50	36.06 1.68 -0.42	32.75 1.55 -0.33	41.91 1.99 -0.58	52.42 2.60 -0.86	49.14 2.41 -0.79	123.31 5.83 -1.23	96.03 4.54 -1.03	45.48 2.17 -0.06	38.32 1.65 0.00	36.90 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.04 0.50 -0.84	29.93 0.34 -0.35	27.89 0.32 0.00	26.96 0.30 -0.13	21.92 0.19 -0.06	19.34 0.20 0.00	21.69 0.25 0.00	20.21 0.43 0.00	24.24 0.50 0.00	26.07 0.48 -0.04	33.50 0.62 -0.32	33.56 0.44 -0.33	36.16 0.53 -1.03	38.57 0.45 -1.25	35.40 0.39 -1.04	32.03 0.34 -0.82	41.23 0.45 -1.43	51.62 0.54 -2.13	48.35 0.46 -1.95	120.55 1.26 -3.04	93.91 0.91 -2.54	43.80 0.40 -0.14	36.97 0.29 0.00	35.66 0.29 0.00
GOUDEY___7 23579	33.07 0.53 -0.84	29.96 0.37 -0.35	27.91 0.35 0.00	26.99 0.33 -0.13	21.94 0.20 -0.06	19.36 0.22 0.00	21.70 0.27 0.00	20.23 0.45 0.00	24.26 0.52 0.00	26.10 0.50 -0.04	33.53 0.66 -0.32	33.59 0.47 -0.33	36.20 0.56 -1.03	38.62 0.49 -1.25	35.44 0.43 -1.04	32.07 0.37 -0.82	41.27 0.49 -1.43	51.69 0.60 -2.13	48.41 0.51 -1.95	120.66 1.37 -3.04	94.01 1.00 -2.54	43.84 0.45 -0.14	37.01 0.33 0.00	35.69 0.32 0.00
GOUDEY___8 23580	33.04 0.50 -0.84	29.93 0.34 -0.35	27.89 0.32 0.00	26.96 0.30 -0.13	21.92 0.19 -0.06	19.34 0.20 0.00	21.69 0.25 0.00	20.21 0.43 0.00	24.24 0.50 0.00	26.07 0.48 -0.04	33.50 0.62 -0.32	33.56 0.44 -0.33	36.16 0.53 -1.03	38.57 0.45 -1.25	35.40 0.39 -1.04	32.03 0.34 -0.82	41.23 0.45 -1.43	51.62 0.54 -2.13	48.35 0.46 -1.95	120.55 1.26 -3.04	93.91 0.91 -2.54	43.80 0.40 -0.14	36.97 0.29 0.00	35.66 0.29 0.00
GOWANUS_GT1_1 24077	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT1_2 24078	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00

GOWANUS_GT1_3 24079	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT1_4 24080	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT1_5 24084	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT1_6 24111	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT1_7 24112	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT1_8 24113	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT2_1 24114	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_2 24115	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_3 24116	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_4 24117	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_5 24118	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_6 24119	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_7 24120	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT2_8 24121	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_1 24122	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00

GOWANUS_GT3_2 24123	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_3 24124	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_4 24125	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_5 24126	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_6 24127	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_7 24128	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT3_8 24129	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
GOWANUS_GT4_1 24130	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_2 24131	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_3 24132	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_4 24133	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_5 24134	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_6 24135	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_7 24136	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GOWANUS_GT4_8 24137	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00

GREENBSH_115KV_TB3 55895	32.37 0.67 0.00	29.86 0.63 0.00	28.11 0.55 0.00	27.09 0.57 0.00	22.18 0.50 0.00	19.58 0.44 0.00	21.94 0.51 0.00	20.35 0.57 0.00	24.39 0.64 0.00	26.27 0.71 0.00	33.41 0.85 0.00	33.72 0.93 0.00	35.57 0.97 0.00	37.89 1.01 0.00	34.92 0.95 0.00	31.70 0.83 0.00	40.43 1.08 0.00	50.37 1.41 0.00	47.24 1.29 0.00	119.69 3.45 0.00	92.99 2.53 0.00	44.44 1.18 0.00	37.68 1.00 0.00	36.10 0.73 0.00
GREENDGE_115KV_TB5 80291	32.88 0.50 -0.68	29.81 0.29 -0.29	28.05 0.48 0.00	27.06 0.43 -0.11	21.98 0.25 -0.04	19.41 0.28 0.00	21.76 0.33 0.00	20.31 0.53 0.00	24.43 0.69 0.00	26.16 0.57 -0.03	33.41 0.59 -0.26	33.53 0.46 -0.27	35.99 0.55 -0.84	38.27 0.38 -1.02	35.10 0.29 -0.85	31.73 0.20 -0.67	40.73 0.22 -1.16	50.93 0.24 -1.73	47.74 0.21 -1.58	119.27 0.55 -2.47	92.90 0.37 -2.07	43.56 0.19 -0.11	36.82 0.14 0.00	35.56 0.18 0.00
GREENIDGE___3 23582	32.88 0.50 -0.68	29.81 0.29 -0.29	28.05 0.48 0.00	27.06 0.43 -0.11	21.98 0.25 -0.04	19.41 0.28 0.00	21.76 0.33 0.00	20.31 0.53 0.00	24.43 0.69 0.00	26.16 0.57 -0.03	33.41 0.59 -0.26	33.53 0.46 -0.27	35.99 0.55 -0.84	38.27 0.38 -1.02	35.10 0.29 -0.85	31.73 0.20 -0.67	40.73 0.22 -1.16	50.93 0.24 -1.73	47.74 0.21 -1.58	119.27 0.55 -2.47	92.90 0.37 -2.07	43.56 0.19 -0.11	36.82 0.14 0.00	35.56 0.18 0.00
GREENIDGE___4 23583	32.88 0.49 -0.68	29.80 0.28 -0.29	28.05 0.48 0.00	27.05 0.42 -0.11	21.98 0.25 -0.04	19.41 0.28 0.00	21.76 0.33 0.00	20.31 0.53 0.00	24.43 0.69 0.00	26.17 0.58 -0.03	33.41 0.59 -0.26	33.52 0.46 -0.27	35.99 0.54 -0.84	38.27 0.38 -1.02	35.10 0.29 -0.85	31.73 0.20 -0.67	40.73 0.22 -1.16	50.93 0.24 -1.73	47.74 0.21 -1.58	119.28 0.55 -2.47	92.91 0.38 -2.07	43.56 0.19 -0.11	36.82 0.14 0.00	35.56 0.18 0.00
GREENLWN_69_KV_BK 3 55738	34.63 2.30 -0.63	32.19 2.20 -0.76	35.61 2.11 -5.94	28.49 1.97 0.00	23.32 1.64 0.00	20.50 1.36 0.00	23.09 1.65 0.00	21.48 1.70 0.00	16.66 2.05 9.14	27.56 2.00 0.00	41.15 2.53 -6.06	54.43 2.75 -18.88	37.47 2.86 0.00	72.17 3.36 -31.93	68.80 3.33 -31.51	293.80 3.07 -259.87	-2.40 4.00 45.75	139.08 5.08 -85.05	67.66 4.59 -17.12	127.99 11.00 -0.75	108.96 9.21 -9.29	700.08 4.27 -652.55	57.28 3.41 -17.19	38.10 2.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00
GRISSOM___SOLAR 323813	35.10 3.40 0.00	32.52 3.29 0.00	30.64 3.07 0.00	29.40 2.88 0.00	24.01 2.33 0.00	21.22 2.08 0.00	23.79 2.35 0.00	22.03 2.25 0.00	26.62 2.87 0.00	28.71 3.16 0.00	36.60 4.04 0.00	36.81 4.01 0.00	38.50 3.90 0.00	40.11 3.23 0.00	37.46 3.49 0.00	34.10 3.23 0.00	43.63 4.28 0.00	54.79 5.84 0.00	51.67 5.72 0.00	131.10 14.85 0.00	102.30 11.84 0.00	48.93 5.67 0.00	40.67 3.99 0.00	39.55 4.18 0.00
GROVEVILLE___HYD 323602	33.45 1.76 0.00	30.87 1.63 0.00	29.08 1.51 0.00	27.95 1.43 0.00	22.88 1.21 0.00	20.17 1.03 0.00	22.67 1.23 0.00	21.15 1.37 0.00	25.34 1.60 0.00	27.29 1.74 0.00	34.73 2.17 0.00	35.15 2.36 0.00	37.17 2.57 0.00	39.72 2.85 0.00	36.79 2.82 0.00	33.50 2.63 0.00	42.80 3.45 0.00	53.41 4.45 0.00	50.00 4.06 0.00	125.98 9.73 0.00	98.09 7.62 0.00	46.85 3.59 0.00	39.51 2.83 0.00	37.70 2.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.90 -0.03 -2.24	30.02 -0.16 -0.94	27.43 -0.14 0.00	26.73 -0.16 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.22 0.02 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.57 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.18 -0.36	36.50 -0.18 0.00	35.15 -0.22 0.00
HAMLTNNY_34_KV_TB 80303	34.05 0.05 -2.31	30.11 -0.10 -0.97	27.48 -0.08 0.00	26.78 -0.10 -0.37	21.72 -0.11 -0.15	19.08 -0.06 0.00	21.34 -0.10 0.00	19.83 0.05 0.00	23.84 0.10 0.00	25.77 0.10 -0.12	33.56 0.13 -0.87	33.80 0.10 -0.91	37.55 0.12 -2.82	40.43 0.13 -3.42	36.90 0.08 -2.86	33.19 0.07 -2.25	43.31 0.05 -3.91	54.84 0.04 -5.84	51.33 0.05 -5.34	124.63 0.04 -8.34	97.36 -0.07 -6.97	43.54 -0.09 -0.37	36.57 -0.11 0.00	35.23 -0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	32.26 -0.26 -0.83	29.30 -0.28 -0.35	27.34 -0.22 0.00	26.63 -0.02 -0.13	21.84 0.11 -0.05	19.20 0.07 0.00	21.50 0.06 0.00	19.72 -0.05 0.00	23.74 0.00 0.00	25.63 0.03 -0.04	33.02 0.15 -0.31	33.23 0.11 -0.33	35.71 0.08 -1.02	38.08 -0.03 -1.23	34.76 -0.24 -1.03	31.64 -0.04 -0.81	40.77 0.01 -1.41	51.09 0.04 -2.11	48.17 0.30 -1.92	120.12 0.87 -3.00	93.85 0.87 -2.51	43.94 0.54 -0.13	37.15 0.47 0.00	35.96 0.59 0.00
HARDSCRABBLE_WT_PWR 323673	31.90 0.20 0.00	29.26 0.02 0.00	27.49 -0.08 0.00	26.47 -0.05 0.00	21.66 -0.01 0.00	19.15 0.01 0.00	21.48 0.04 0.00	19.92 0.14 0.00	23.95 0.21 0.00	25.86 0.30 0.00	32.94 0.38 0.00	33.24 0.45 0.00	35.08 0.47 0.00	37.44 0.56 0.00	34.41 0.45 0.00	31.18 0.31 0.00	39.75 0.40 0.00	49.70 0.74 0.00	46.64 0.70 0.00	118.76 2.51 0.00	92.23 1.76 0.00	43.94 0.68 0.00	37.27 0.59 0.00	35.60 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.23 1.53 0.00	30.62 1.38 0.00	28.83 1.27 0.00	27.71 1.19 0.00	22.67 0.99 0.00	19.99 0.85 0.00	22.46 1.03 0.00	20.96 1.19 0.00	25.12 1.38 0.00	27.06 1.51 0.00	34.48 1.92 0.00	34.93 2.14 0.00	36.96 2.35 0.00	39.51 2.63 0.00	36.64 2.67 0.00	33.33 2.46 0.00	42.57 3.22 0.00	53.15 4.19 0.00	49.75 3.81 0.00	125.27 9.02 0.00	97.55 7.08 0.00	46.60 3.34 0.00	39.27 2.59 0.00	37.43 2.06 0.00
HARSNRAD_115KV_TB1 81005	31.95 0.26 0.00	29.12 -0.12 0.00	27.56 0.00 0.00	26.41 -0.11 0.00	21.49 -0.19 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.90 0.16 0.00	25.41 -0.14 0.00	32.48 -0.07 0.00	32.45 -0.35 0.00	33.97 -0.64 0.00	35.75 -1.13 0.00	32.58 -1.38 0.00	29.55 -1.32 0.00	37.33 -2.02 0.00	45.99 -2.96 0.00	43.35 -2.59 0.00	109.19 -7.06 0.00	85.05 -5.42 0.00	41.38 -1.87 0.00	35.51 -1.17 0.00	34.71 -0.66 0.00
HARZA MOOSE___RIVER 24016	32.54 0.21 -0.63	29.59 0.09 -0.27	27.68 0.11 0.00	26.90 0.28 -0.10	22.06 0.34 -0.04	19.44 0.30 0.00	21.78 0.35 0.00	20.16 0.38 0.00	24.29 0.55 0.00	26.20 0.62 -0.03	33.64 0.84 -0.24	33.88 0.84 -0.25	36.24 0.86 -0.77	38.59 0.77 -0.94	35.36 0.60 -0.78	32.10 0.61 -0.62	41.29 0.87 -1.08	51.75 1.19 -1.61	48.71 1.30 -1.47	121.87 3.32 -2.30	95.05 2.66 -1.92	44.63 1.28 -0.10	37.69 1.01 0.00	36.28 0.91 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	32.67 -0.22 -1.20	29.41 -0.32 -0.50	27.27 -0.30 0.00	26.40 -0.31 -0.19	21.49 -0.27 -0.08	18.92 -0.21 0.00	21.20 -0.24 0.00	19.67 -0.11 0.00	23.63 -0.11 0.00	25.48 -0.13 -0.06	32.89 -0.13 -0.45	33.08 -0.18 -0.47	35.91 -0.16 -1.46	38.37 -0.28 -1.78	35.15 -0.30 -1.48	31.75 -0.29 -1.17	41.01 -0.38 -2.03	51.50 -0.49 -3.03	48.23 -0.49 -2.77	119.26 -1.31 -4.33	93.05 -1.03 -3.62	42.92 -0.53 -0.19	36.21 -0.47 0.00	34.89 -0.48 0.00
HELLGATE_13_KV_LD 55870	33.35 1.65 0.00	30.82 1.58 0.00	29.04 1.48 0.00	27.90 1.38 0.00	22.86 1.18 0.00	20.15 1.01 0.00	22.64 1.20 0.00	21.15 1.37 0.00	25.30 1.56 0.00	27.26 1.71 0.00	34.59 2.03 0.00	35.12 2.33 0.00	37.15 2.54 0.00	39.79 2.92 0.00	36.85 2.89 0.00	33.49 2.62 0.00	42.72 3.37 0.00	53.29 4.33 0.00	49.86 3.91 0.00	125.37 9.12 0.00	97.85 7.38 0.00	46.83 3.58 0.00	39.52 2.84 0.00	37.64 2.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.35 1.65 0.00	30.82 1.58 0.00	29.04 1.48 0.00	27.90 1.38 0.00	22.86 1.18 0.00	20.15 1.01 0.00	22.64 1.20 0.00	21.15 1.37 0.00	25.30 1.56 0.00	27.26 1.71 0.00	34.59 2.03 0.00	35.12 2.33 0.00	37.15 2.54 0.00	39.79 2.92 0.00	36.85 2.89 0.00	33.49 2.62 0.00	42.72 3.37 0.00	53.29 4.33 0.00	49.86 3.91 0.00	125.37 9.12 0.00	97.85 7.38 0.00	46.83 3.58 0.00	39.52 2.84 0.00	37.64 2.27 0.00
HEMPSTEAD____ 23647	34.39 2.06 -0.63	31.95 1.95 -0.76	35.36 1.85 -5.94	28.25 1.73 0.00	23.13 1.45 0.00	20.34 1.21 0.00	22.91 1.47 0.00	21.34 1.56 0.00	25.56 1.82 0.00	27.40 1.85 0.00	41.03 2.41 -6.06	54.22 2.54 -18.89	37.36 2.75 0.00	72.01 3.20 -31.93	68.60 3.13 -31.51	293.56 2.82 -259.87	55.95 3.59 -13.01	138.74 4.74 -85.05	67.31 4.24 -17.12	126.99 9.99 -0.75	110.44 8.13 -11.85	702.30 3.93 -655.10	57.09 3.22 -17.19	37.98 2.61 0.00
HEWLETT__69_KV_BK3 55828	34.85 2.52 -0.63	32.34 2.35 -0.76	35.71 2.21 -5.94	28.58 2.06 0.00	23.40 1.72 0.00	20.58 1.44 0.00	23.16 1.72 0.00	21.57 1.79 0.00	25.82 2.08 0.00	27.67 2.11 0.00	41.46 2.84 -6.06	54.58 2.90 -18.88	37.60 2.99 0.00	72.46 3.65 -31.93	68.84 3.37 -31.51	293.90 3.16 -259.87	56.28 3.92 -13.01	139.12 5.11 -85.05	67.71 4.64 -17.12	127.97 10.97 -0.75	111.22 8.91 -11.85	702.67 4.31 -655.10	57.55 3.68 -17.19	38.49 3.12 0.00
HICKLING___1 23621	33.26 0.88 -0.68	30.15 0.63 -0.29	28.19 0.63 0.00	27.23 0.60 -0.11	22.08 0.36 -0.04	19.52 0.39 0.00	21.91 0.47 0.00	20.49 0.72 0.00	24.58 0.84 0.00	26.35 0.76 -0.03	33.84 1.02 -0.25	33.80 0.74 -0.27	36.30 0.87 -0.83	38.53 0.65 -1.01	35.34 0.53 -0.84	31.94 0.41 -0.66	41.04 0.54 -1.15	51.20 0.53 -1.72	47.95 0.43 -1.57	119.99 1.29 -2.45	93.41 0.90 -2.05	43.82 0.45 -0.11	37.03 0.35 0.00	35.85 0.48 0.00
HICKLING___2 23622	33.26 0.88 -0.68	30.15 0.63 -0.29	28.19 0.63 0.00	27.23 0.60 -0.11	22.08 0.36 -0.04	19.52 0.39 0.00	21.91 0.47 0.00	20.49 0.72 0.00	24.58 0.84 0.00	26.35 0.76 -0.03	33.84 1.02 -0.25	33.80 0.74 -0.27	36.30 0.87 -0.83	38.53 0.65 -1.01	35.34 0.53 -0.84	31.94 0.41 -0.66	41.04 0.54 -1.15	51.20 0.53 -1.72	47.95 0.43 -1.57	119.99 1.29 -2.45	93.41 0.90 -2.05	43.82 0.45 -0.11	37.03 0.35 0.00	35.85 0.48 0.00
HIGH FALLS___HY 23754	33.32 1.63 0.00	30.69 1.46 0.00	28.89 1.33 0.00	27.73 1.21 0.00	22.69 1.01 0.00	20.00 0.86 0.00	22.49 1.05 0.00	21.00 1.23 0.00	25.19 1.45 0.00	27.14 1.58 0.00	34.59 2.03 0.00	34.96 2.17 0.00	37.02 2.42 0.00	39.36 2.49 0.00	36.64 2.68 0.00	33.52 2.64 0.00	42.85 3.50 0.00	53.42 4.47 0.00	50.13 4.18 0.00	126.17 9.92 0.00	98.26 7.80 0.00	46.88 3.62 0.00	39.49 2.81 0.00	37.64 2.27 0.00
HILLBURN___GT 23639	33.14 1.45 0.00	30.55 1.32 0.00	28.78 1.21 0.00	27.66 1.14 0.00	22.63 0.95 0.00	19.95 0.81 0.00	22.41 0.98 0.00	20.93 1.16 0.00	25.08 1.34 0.00	27.00 1.45 0.00	34.39 1.83 0.00	34.87 2.07 0.00	36.91 2.31 0.00	39.48 2.60 0.00	36.56 2.59 0.00	33.23 2.36 0.00	42.45 3.10 0.00	52.98 4.03 0.00	49.57 3.62 0.00	124.73 8.48 0.00	97.21 6.75 0.00	46.49 3.23 0.00	39.18 2.50 0.00	37.33 1.96 0.00
HILLSIDE_115KV_TB1 80332	32.69 0.29 -0.70	29.63 0.10 -0.30	27.69 0.12 0.00	26.76 0.13 -0.11	21.70 -0.02 -0.05	19.19 0.05 0.00	21.53 0.10 0.00	20.15 0.37 0.00	24.14 0.39 0.00	25.89 0.30 -0.04	33.24 0.41 -0.26	33.14 0.07 -0.28	35.65 0.18 -0.86	37.85 -0.07 -1.04	34.72 -0.12 -0.87	31.40 -0.16 -0.69	40.37 -0.17 -1.19	50.41 -0.32 -1.78	47.20 -0.37 -1.63	118.23 -0.56 -2.54	92.04 -0.54 -2.13	43.04 -0.33 -0.11	36.36 -0.32 0.00	35.20 -0.17 0.00
HISHELDN_WT_PWR 323625	32.19 0.49 0.00	29.39 0.15 0.00	27.82 0.25 0.00	26.69 0.17 0.00	21.70 0.02 0.00	19.22 0.09 0.00	21.44 0.01 0.00	20.04 0.26 0.00	24.19 0.45 0.00	25.80 0.24 0.00	32.98 0.41 0.00	32.91 0.11 0.00	34.57 -0.03 0.00	36.42 -0.45 0.00	33.29 -0.68 0.00	30.18 -0.68 0.00	38.25 -1.10 0.00	47.27 -1.69 0.00	44.48 -1.46 0.00	112.30 -3.94 0.00	87.42 -3.05 0.00	42.28 -0.98 0.00	36.12 -0.56 0.00	35.19 -0.18 0.00
HOLTSVILLE_IC_1 23690	35.12 2.79 -0.63	32.68 2.69 -0.76	36.11 2.61 -5.94	28.92 2.40 0.00	23.67 1.99 0.00	20.80 1.66 0.00	23.45 2.01 0.00	21.82 2.04 0.00	73.67 2.44 -47.48	27.83 2.28 0.00	41.39 2.77 -6.06	54.83 3.15 -18.89	37.70 3.09 0.00	72.46 3.65 -31.93	69.04 3.56 -31.51	293.95 3.22 -259.87	177.32 4.21 -133.76	139.51 5.50 -85.06	68.08 5.00 -17.13	129.36 12.35 -0.76	117.76 10.18 -17.11	708.44 4.83 -660.35	57.67 3.80 -17.19	38.43 3.06 0.00
HOLTSVILLE_IC_10 23699	35.36 3.03 -0.63	32.88 2.88 -0.76	36.29 2.79 -5.94	29.09 2.57 0.00	23.80 2.12 0.00	20.92 1.78 0.00	23.59 2.15 0.00	21.95 2.17 0.00	75.96 2.61 -49.60	27.99 2.43 0.00	41.60 2.98 -6.06	55.10 3.42 -18.89	37.95 3.35 0.00	72.75 3.94 -31.93	69.31 3.84 -31.51	294.25 3.52 -259.87	204.95 4.63 -160.98	139.97 5.95 -85.06	68.53 5.45 -17.13	130.43 13.42 -0.76	119.83 11.07 -18.30	710.02 5.23 -661.53	57.97 4.10 -17.19	38.68 3.31 0.00
HOLTSVILLE_IC_2 23691	35.12 2.79 -0.63	32.68 2.69 -0.76	36.11 2.61 -5.94	28.92 2.40 0.00	23.67 1.99 0.00	20.80 1.66 0.00	23.45 2.01 0.00	21.82 2.04 0.00	73.67 2.44 -47.48	27.83 2.28 0.00	41.39 2.77 -6.06	54.83 3.15 -18.89	37.70 3.09 0.00	72.46 3.65 -31.93	69.04 3.56 -31.51	293.95 3.22 -259.87	177.32 4.21 -133.76	139.51 5.50 -85.06	68.08 5.00 -17.13	129.36 12.35 -0.76	117.76 10.18 -17.11	708.44 4.83 -660.35	57.67 3.80 -17.19	38.43 3.06 0.00
HOLTSVILLE_IC_3 23692	35.12 2.79 -0.63	32.68 2.69 -0.76	36.11 2.61 -5.94	28.92 2.40 0.00	23.67 1.99 0.00	20.80 1.66 0.00	23.45 2.01 0.00	21.82 2.04 0.00	73.67 2.44 -47.48	27.83 2.28 0.00	41.39 2.77 -6.06	54.83 3.15 -18.89	37.70 3.09 0.00	72.46 3.65 -31.93	69.04 3.56 -31.51	293.95 3.22 -259.87	177.32 4.21 -133.76	139.51 5.50 -85.06	68.08 5.00 -17.13	129.36 12.35 -0.76	117.76 10.18 -17.11	708.44 4.83 -660.35	57.67 3.80 -17.19	38.43 3.06 0.00

HOLTSVILLE_IC_4 23693	35.12 2.79 -0.63	32.68 2.69 -0.76	36.11 2.61 -5.94	28.92 2.40 0.00	23.67 1.99 0.00	20.80 1.66 0.00	23.45 2.01 0.00	21.82 2.04 0.00	73.67 2.44 -47.48	27.83 2.28 0.00	41.39 2.77 -6.06	54.83 3.15 -18.89	37.70 3.09 0.00	72.46 3.65 -31.93	69.04 3.56 -31.51	293.95 3.22 -259.87	177.32 4.21 -133.76	139.51 5.50 -85.06	68.08 5.00 -17.13	129.36 12.35 -0.76	117.76 10.18 -17.11	708.44 4.83 -660.35	57.67 3.80 -17.19	38.43 3.06 0.00
HOLTSVILLE_IC_5 23694	35.12 2.79 -0.63	32.68 2.69 -0.76	36.11 2.61 -5.94	28.92 2.40 0.00	23.67 1.99 0.00	20.80 1.66 0.00	23.45 2.01 0.00	21.82 2.04 0.00	73.67 2.44 -47.48	27.83 2.28 0.00	41.39 2.77 -6.06	54.83 3.15 -18.89	37.70 3.09 0.00	72.46 3.65 -31.93	69.04 3.56 -31.51	293.95 3.22 -259.87	177.32 4.21 -133.76	139.51 5.50 -85.06	68.08 5.00 -17.13	129.36 12.35 -0.76	117.76 10.18 -17.11	708.44 4.83 -660.35	57.67 3.80 -17.19	38.43 3.06 0.00
HOLTSVILLE_IC_6 23695	35.36 3.03 -0.63	32.88 2.88 -0.76	36.29 2.79 -5.94	29.09 2.57 0.00	23.80 2.12 0.00	20.92 1.78 0.00	23.59 2.15 0.00	21.95 2.17 0.00	75.96 2.61 -49.60	27.99 2.43 0.00	41.60 2.98 -6.06	55.10 3.42 -18.89	37.95 3.35 0.00	72.75 3.94 -31.93	69.31 3.84 -31.51	294.25 3.52 -259.87	204.95 4.63 -160.98	139.97 5.95 -85.06	68.53 5.45 -17.13	130.43 13.42 -0.76	119.83 11.07 -18.30	710.02 5.23 -661.53	57.97 4.10 -17.19	38.68 3.31 0.00
HOLTSVILLE_IC_7 23696	35.36 3.03 -0.63	32.88 2.88 -0.76	36.29 2.79 -5.94	29.09 2.57 0.00	23.80 2.12 0.00	20.92 1.78 0.00	23.59 2.15 0.00	21.95 2.17 0.00	75.96 2.61 -49.60	27.99 2.43 0.00	41.60 2.98 -6.06	55.10 3.42 -18.89	37.95 3.35 0.00	72.75 3.94 -31.93	69.31 3.84 -31.51	294.25 3.52 -259.87	204.95 4.63 -160.98	139.97 5.95 -85.06	68.53 5.45 -17.13	130.43 13.42 -0.76	119.83 11.07 -18.30	710.02 5.23 -661.53	57.97 4.10 -17.19	38.68 3.31 0.00
HOLTSVILLE_IC_8 23697	35.36 3.03 -0.63	32.88 2.88 -0.76	36.29 2.79 -5.94	29.09 2.57 0.00	23.80 2.12 0.00	20.92 1.78 0.00	23.59 2.15 0.00	21.95 2.17 0.00	75.96 2.61 -49.60	27.99 2.43 0.00	41.60 2.98 -6.06	55.10 3.42 -18.89	37.95 3.35 0.00	72.75 3.94 -31.93	69.31 3.84 -31.51	294.25 3.52 -259.87	204.95 4.63 -160.98	139.97 5.95 -85.06	68.53 5.45 -17.13	130.43 13.42 -0.76	119.83 11.07 -18.30	710.02 5.23 -661.53	57.97 4.10 -17.19	38.68 3.31 0.00
HOLTSVILLE_IC_9 23698	35.36 3.03 -0.63	32.88 2.88 -0.76	36.29 2.79 -5.94	29.09 2.57 0.00	23.80 2.12 0.00	20.92 1.78 0.00	23.59 2.15 0.00	21.95 2.17 0.00	75.96 2.61 -49.60	27.99 2.43 0.00	41.60 2.98 -6.06	55.10 3.42 -18.89	37.95 3.35 0.00	72.75 3.94 -31.93	69.31 3.84 -31.51	294.25 3.52 -259.87	204.95 4.63 -160.98	139.97 5.95 -85.06	68.53 5.45 -17.13	130.43 13.42 -0.76	119.83 11.07 -18.30	710.02 5.23 -661.53	57.97 4.10 -17.19	38.68 3.31 0.00
HOMER_HL_115KV_TB2 355744	32.53 0.84 0.00	29.74 0.51 0.00	28.09 0.53 0.00	26.98 0.46 0.00	21.89 0.21 0.00	19.39 0.25 0.00	21.66 0.23 0.00	20.35 0.57 0.00	24.56 0.82 0.00	26.22 0.66 0.00	33.42 0.86 0.00	33.02 0.23 0.00	34.78 0.18 0.00	36.54 -0.34 0.00	33.46 -0.51 0.00	30.26 -0.61 0.00	38.42 -0.93 0.00	47.70 -1.26 0.00	44.76 -1.19 0.00	113.50 -2.75 0.00	88.40 -2.06 0.00	42.67 -0.59 0.00	36.33 -0.35 0.00	35.30 -0.07 0.00
HOWARD_WT_PWR 323690	33.22 1.03 -0.48	30.19 0.75 -0.20	28.38 0.81 0.00	27.31 0.71 -0.08	22.15 0.44 -0.03	19.60 0.46 0.00	21.94 0.51 0.00	20.51 0.74 0.00	24.67 0.93 0.00	26.44 0.86 -0.02	33.95 1.21 -0.18	33.96 0.98 -0.19	36.20 1.00 -0.59	38.32 0.72 -0.72	35.06 0.49 -0.60	31.70 0.35 -0.47	40.46 0.29 -0.82	50.51 0.32 -1.23	47.41 0.34 -1.12	118.80 0.80 -1.75	92.63 0.70 -1.46	43.89 0.56 -0.08	37.21 0.53 0.00	36.07 0.70 0.00
HQ_GEN_CEDARS 23644	31.91 0.21 0.00	29.51 0.27 0.00	27.83 0.27 0.00	26.78 0.26 0.00	21.89 0.22 0.00	19.29 0.16 0.00	21.58 0.15 0.00	19.59 -0.18 0.00	23.57 -0.18 0.00	25.37 -0.18 0.00	32.38 -0.19 0.00	32.56 -0.23 0.00	34.32 -0.28 0.00	36.65 -0.23 0.00	33.67 -0.30 0.00	30.68 -0.19 0.00	39.09 -0.26 0.00	48.61 -0.35 0.00	45.71 -0.24 0.00	115.69 -0.56 0.00	90.14 -0.32 0.00	43.22 -0.04 0.00	36.71 0.03 0.00	35.83 0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	31.91 0.22 0.00	29.51 0.27 0.00	27.83 0.26 0.00	26.78 0.26 0.00	21.90 0.22 0.00	19.29 0.16 0.00	21.58 0.15 0.00	19.60 -0.18 0.00	23.56 -0.18 0.00	25.37 -0.18 0.00	32.38 -0.18 0.00	32.56 -0.23 0.00	34.32 -0.29 0.00	36.65 -0.22 0.00	33.67 -0.30 0.00	30.68 -0.19 0.00	39.09 -0.26 0.00	48.61 -0.35 0.00	45.71 -0.23 0.00	115.69 -0.55 0.00	90.14 -0.32 0.00	43.22 -0.04 0.00	36.71 0.03 0.00	35.83 0.46 0.00
HQ_GEN_IMPORT 323601	31.56 -0.14 0.00	29.18 -0.05 0.00	27.52 -0.05 0.00	26.47 -0.05 0.00	21.64 -0.04 0.00	19.08 -0.06 0.00	21.35 -0.09 0.00	19.53 -0.25 0.00	23.45 -0.29 0.00	25.25 -0.30 0.00	32.21 -0.36 0.00	32.40 -0.39 0.00	34.17 -0.44 0.00	36.22 -0.42 0.24	33.56 -0.41 0.00	30.52 -0.35 0.00	38.88 -0.47 0.00	48.32 -0.63 0.00	45.40 -0.55 0.00	114.97 -1.28 0.00	89.50 -0.96 0.00	44.06 -0.40 -1.20	42.13 -0.31 -5.76	35.27 -0.11 0.00
HQ_GEN_WHEEL 23651	31.56 -0.14 0.00	29.18 -0.05 0.00	27.52 -0.05 0.00	26.47 -0.05 0.00	21.64 -0.04 0.00	19.08 -0.06 0.00	21.35 -0.09 0.00	19.53 -0.25 0.00	23.45 -0.29 0.00	25.25 -0.30 0.00	32.21 -0.36 0.00	32.40 -0.39 0.00	34.17 -0.44 0.00	36.22 -0.42 0.24	33.56 -0.41 0.00	30.52 -0.35 0.00	38.88 -0.47 0.00	48.32 -0.63 0.00	45.40 -0.55 0.00	114.97 -1.28 0.00	89.50 -0.96 0.00	44.06 -0.40 -1.20	42.13 -0.31 -5.76	35.27 -0.11 0.00
HUDSON_AVE_GT_3 23810	33.36 1.66 0.00	30.81 1.57 0.00	29.02 1.46 0.00	27.89 1.37 0.00	22.84 1.16 0.00	20.13 1.00 0.00	22.63 1.20 0.00	21.14 1.36 0.00	25.32 1.57 0.00	27.27 1.72 0.00	34.62 2.06 0.00	35.14 2.35 0.00	37.17 2.57 0.00	39.79 2.92 0.00	36.85 2.88 0.00	33.47 2.60 0.00	42.73 3.39 0.00	53.34 4.39 0.00	49.88 3.93 0.00	125.54 9.29 0.00	97.94 7.48 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.67 2.30 0.00
HUDSON_AVE_GT_4 23540	33.36 1.66 0.00	30.81 1.57 0.00	29.02 1.46 0.00	27.89 1.37 0.00	22.84 1.16 0.00	20.13 1.00 0.00	22.63 1.20 0.00	21.14 1.36 0.00	25.32 1.57 0.00	27.27 1.72 0.00	34.62 2.06 0.00	35.14 2.35 0.00	37.17 2.57 0.00	39.79 2.92 0.00	36.85 2.88 0.00	33.47 2.60 0.00	42.73 3.39 0.00	53.34 4.39 0.00	49.88 3.93 0.00	125.54 9.29 0.00	97.94 7.48 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.67 2.30 0.00
HUDSON_AVE_GT_5 23657	33.36 1.66 0.00	30.81 1.57 0.00	29.02 1.46 0.00	27.89 1.37 0.00	22.84 1.16 0.00	20.13 1.00 0.00	22.63 1.20 0.00	21.14 1.36 0.00	25.32 1.57 0.00	27.27 1.72 0.00	34.62 2.06 0.00	35.14 2.35 0.00	37.17 2.57 0.00	39.79 2.92 0.00	36.85 2.88 0.00	33.47 2.60 0.00	42.73 3.39 0.00	53.34 4.39 0.00	49.88 3.93 0.00	125.54 9.29 0.00	97.94 7.48 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.67 2.30 0.00

HUDSON_AVE_10 24168	33.21 1.52 0.00	30.67 1.44 0.00	28.88 1.32 0.00	27.76 1.24 0.00	22.74 1.06 0.00	20.05 0.91 0.00	22.53 1.09 0.00	21.04 1.27 0.00	25.18 1.44 0.00	27.12 1.57 0.00	34.39 1.83 0.01	34.93 2.14 0.00	36.93 2.33 0.01	39.54 2.66 0.00	36.62 2.65 0.00	33.26 2.39 0.00	42.50 3.15 0.00	53.07 4.11 0.00	49.67 3.73 0.00	125.02 8.77 0.00	97.58 7.11 0.00	46.68 3.43 0.00	39.43 2.75 0.00	37.54 2.17 0.00
HUDSON___115KV_TB 4 355613	33.09 1.39 0.00	30.48 1.24 0.00	28.70 1.13 0.00	27.66 1.14 0.00	22.63 0.95 0.00	19.97 0.83 0.00	22.39 0.95 0.00	20.78 1.00 0.00	24.95 1.20 0.00	26.89 1.34 0.00	34.24 1.68 0.00	34.54 1.75 0.00	36.37 1.76 0.00	38.70 1.82 0.00	35.53 1.57 0.00	32.23 1.37 0.00	41.19 1.84 0.00	51.56 2.60 0.00	48.44 2.49 0.00	122.78 6.53 0.00	95.42 4.96 0.00	45.54 2.28 0.00	38.57 1.89 0.00	36.93 1.56 0.00
HUNTER MOUNT___DRP 323613	33.32 1.62 0.00	30.67 1.44 0.00	28.87 1.31 0.00	27.83 1.31 0.00	22.77 1.09 0.00	20.09 0.95 0.00	22.53 1.09 0.00	20.90 1.12 0.00	25.11 1.37 0.00	27.10 1.54 0.00	34.48 1.92 0.00	34.76 1.97 0.00	36.54 1.94 0.00	38.86 1.98 0.00	35.67 1.70 0.00	32.34 1.47 0.00	41.29 1.94 0.00	51.77 2.82 0.00	48.68 2.74 0.00	123.48 7.23 0.00	95.95 5.49 0.00	45.78 2.52 0.00	38.77 2.10 0.00	37.14 1.77 0.00
HUNTINGTON_RES_REC 323705	34.98 2.65 -0.63	32.50 2.51 -0.76	35.91 2.41 -5.94	28.76 2.24 0.00	23.54 1.86 0.00	20.69 1.55 0.00	23.31 1.87 0.00	21.69 1.92 0.00	-4.67 2.32 30.74	27.78 2.23 0.00	41.41 2.79 -6.06	54.79 3.11 -18.89	37.73 3.13 0.00	72.52 3.71 -31.93	69.16 3.69 -31.51	294.13 3.39 -259.87	545.69 4.45 -501.89	139.69 5.67 -85.07	68.26 5.16 -17.15	129.47 12.43 -0.79	133.95 10.33 -33.15	724.41 4.82 -676.33	57.68 3.81 -17.19	38.42 3.05 0.00
HUNTLEY___63 23557	32.20 0.51 0.00	29.38 0.14 0.00	27.80 0.23 0.00	26.64 0.11 0.00	21.67 -0.01 0.00	19.19 0.06 0.00	21.37 -0.07 0.00	19.94 0.17 0.00	24.12 0.38 0.00	25.66 0.11 0.00	32.81 0.25 0.00	32.77 -0.02 0.00	34.33 -0.27 0.00	36.08 -0.80 0.00	32.86 -1.11 0.00	29.80 -1.07 0.00	37.66 -1.69 0.00	46.42 -2.54 0.00	43.72 -2.23 0.00	110.13 -6.12 0.00	85.77 -4.70 0.00	41.72 -1.54 0.00	35.78 -0.90 0.00	35.00 -0.38 0.00
HUNTLEY___64 23558	32.20 0.51 0.00	29.38 0.14 0.00	27.80 0.23 0.00	26.64 0.11 0.00	21.67 -0.01 0.00	19.19 0.06 0.00	21.37 -0.07 0.00	19.94 0.17 0.00	24.12 0.38 0.00	25.66 0.11 0.00	32.81 0.25 0.00	32.77 -0.02 0.00	34.33 -0.27 0.00	36.08 -0.80 0.00	32.86 -1.11 0.00	29.80 -1.07 0.00	37.66 -1.69 0.00	46.42 -2.54 0.00	43.72 -2.23 0.00	110.13 -6.12 0.00	85.77 -4.70 0.00	41.72 -1.54 0.00	35.78 -0.90 0.00	35.00 -0.38 0.00
HUNTLEY___65 23559	32.20 0.51 0.00	29.38 0.14 0.00	27.80 0.23 0.00	26.64 0.11 0.00	21.67 -0.01 0.00	19.19 0.06 0.00	21.37 -0.07 0.00	19.94 0.17 0.00	24.12 0.38 0.00	25.66 0.11 0.00	32.81 0.25 0.00	32.77 -0.02 0.00	34.33 -0.27 0.00	36.08 -0.80 0.00	32.86 -1.11 0.00	29.80 -1.07 0.00	37.66 -1.69 0.00	46.42 -2.54 0.00	43.72 -2.23 0.00	110.13 -6.12 0.00	85.77 -4.70 0.00	41.72 -1.54 0.00	35.78 -0.90 0.00	35.00 -0.38 0.00
HUNTLEY___66 23560	32.20 0.51 0.00	29.38 0.14 0.00	27.80 0.23 0.00	26.64 0.11 0.00	21.67 -0.01 0.00	19.19 0.06 0.00	21.37 -0.07 0.00	19.94 0.17 0.00	24.12 0.38 0.00	25.66 0.11 0.00	32.81 0.25 0.00	32.77 -0.02 0.00	34.33 -0.27 0.00	36.08 -0.80 0.00	32.86 -1.11 0.00	29.80 -1.07 0.00	37.66 -1.69 0.00	46.42 -2.54 0.00	43.72 -2.23 0.00	110.13 -6.12 0.00	85.77 -4.70 0.00	41.72 -1.54 0.00	35.78 -0.90 0.00	35.00 -0.38 0.00
HUNTLEY___67 23561	31.97 0.27 0.00	29.15 -0.08 0.00	27.58 0.02 0.00	26.45 -0.07 0.00	21.51 -0.16 0.00	19.05 -0.09 0.00	21.22 -0.22 0.00	19.81 0.03 0.00	23.95 0.20 0.00	25.48 -0.08 0.00	32.57 0.00 0.00	32.49 -0.30 0.00	34.06 -0.54 0.00	35.86 -1.02 0.00	32.69 -1.28 0.00	29.65 -1.22 0.00	37.49 -1.86 0.00	46.26 -2.70 0.00	43.56 -2.38 0.00	109.86 -6.39 0.00	85.51 -4.95 0.00	41.51 -1.75 0.00	35.58 -1.10 0.00	34.75 -0.62 0.00
HUNTLEY___68 23562	31.97 0.27 0.00	29.15 -0.08 0.00	27.58 0.02 0.00	26.45 -0.07 0.00	21.51 -0.16 0.00	19.05 -0.09 0.00	21.22 -0.22 0.00	19.81 0.03 0.00	23.95 0.20 0.00	25.48 -0.08 0.00	32.57 0.00 0.00	32.49 -0.30 0.00	34.06 -0.54 0.00	35.86 -1.02 0.00	32.69 -1.28 0.00	29.65 -1.22 0.00	37.49 -1.86 0.00	46.26 -2.70 0.00	43.56 -2.38 0.00	109.86 -6.39 0.00	85.51 -4.95 0.00	41.51 -1.75 0.00	35.58 -1.10 0.00	34.75 -0.62 0.00
HYLAND___LFGE 323620	33.76 2.07 0.00	30.79 1.55 0.00	29.05 1.48 0.00	27.86 1.34 0.00	22.65 0.97 0.00	20.06 0.92 0.00	22.44 1.00 0.00	20.89 1.11 0.00	24.86 1.12 0.00	26.41 0.86 0.00	33.93 1.36 0.00	33.88 1.09 0.00	35.55 0.95 0.00	37.56 0.68 0.00	34.40 0.43 0.00	31.35 0.48 0.00	39.74 0.39 0.00	49.69 0.73 0.00	47.05 1.10 0.00	118.69 2.44 0.00	92.86 2.40 0.00	45.02 1.76 0.00	38.27 1.59 0.00	36.99 1.61 0.00
INDECK___CORINTH 23802	33.55 1.86 0.00	30.89 1.66 0.00	29.08 1.52 0.00	28.00 1.48 0.00	22.90 1.22 0.00	20.16 1.02 0.00	22.65 1.21 0.00	21.02 1.24 0.00	25.20 1.46 0.00	27.22 1.66 0.00	34.38 1.82 0.00	34.68 1.89 0.00	36.58 1.97 0.00	38.56 1.69 0.00	35.45 1.48 0.00	32.13 1.26 0.00	40.92 1.57 0.00	50.95 1.99 0.00	48.25 2.30 0.00	123.56 7.31 0.00	96.54 6.08 0.00	45.93 2.67 0.00	38.92 2.24 0.00	37.31 1.94 0.00
INDECK___ILION 23567	31.78 0.08 0.00	29.27 0.04 0.00	27.56 -0.01 0.00	26.53 0.01 0.00	21.70 0.02 0.00	19.16 0.02 0.00	21.49 0.05 0.00	19.91 0.13 0.00	23.92 0.17 0.00	25.78 0.22 0.00	32.82 0.26 0.00	33.09 0.29 0.00	34.92 0.31 0.00	37.15 0.27 0.00	34.25 0.29 0.00	31.09 0.22 0.00	39.63 0.28 0.00	49.45 0.49 0.00	46.41 0.47 0.00	117.82 1.57 0.00	91.61 1.15 0.00	43.71 0.45 0.00	36.98 0.30 0.00	35.53 0.16 0.00
INDECK___OLEAN 23982	32.53 0.83 0.00	29.74 0.51 0.00	28.09 0.53 0.00	26.98 0.46 0.00	21.89 0.21 0.00	19.39 0.25 0.00	21.67 0.23 0.00	20.35 0.57 0.00	24.56 0.82 0.00	26.22 0.66 0.00	33.42 0.86 0.00	33.02 0.23 0.00	34.78 0.18 0.00	36.53 -0.34 0.00	33.46 -0.51 0.00	30.27 -0.60 0.00	38.42 -0.93 0.00	47.70 -1.26 0.00	44.77 -1.18 0.00	113.50 -2.75 0.00	88.40 -2.06 0.00	42.66 -0.60 0.00	36.33 -0.35 0.00	35.31 -0.06 0.00
INDECK___OSWEGO 23783	36.26 -0.74 -5.30	30.68 -0.79 -2.23	26.83 -0.73 0.00	26.68 -0.69 -0.85	21.46 -0.57 -0.35	18.66 -0.48 0.00	20.90 -0.54 0.00	19.37 -0.40 0.00	23.27 -0.47 0.00	25.31 -0.51 -0.27	33.94 -0.62 -2.00	34.24 -0.65 -2.09	40.43 -0.66 -6.49	43.96 -0.78 -7.87	39.77 -0.76 -6.56	35.36 -0.69 -5.18	47.46 -0.88 -8.99	61.27 -1.11 -13.43	57.20 -1.02 -12.27	132.79 -2.64 -19.18	104.43 -2.07 -16.03	43.10 -1.01 -0.86	35.81 -0.87 0.00	34.48 -0.89 0.00

INDECK___YERKES 23781	32.23 0.53 0.00	29.40 0.17 0.00	27.83 0.26 0.00	26.66 0.14 0.00	21.69 0.01 0.00	19.21 0.08 0.00	21.38 -0.05 0.00	19.96 0.18 0.00	24.15 0.41 0.00	25.69 0.13 0.00	32.85 0.28 0.00	32.81 0.01 0.00	34.37 -0.24 0.00	36.12 -0.76 0.00	32.90 -1.07 0.00	29.83 -1.03 0.00	37.71 -1.64 0.00	46.47 -2.49 0.00	43.77 -2.18 0.00	110.29 -5.96 0.00	85.86 -4.61 0.00	41.76 -1.50 0.00	35.81 -0.87 0.00	35.02 -0.35 0.00
INDIAN POINT_GT_1 24139	33.13 1.43 0.00	30.57 1.34 0.00	28.80 1.24 0.00	27.68 1.16 0.00	22.66 0.98 0.00	19.97 0.84 0.00	22.45 1.01 0.00	20.95 1.17 0.00	25.09 1.35 0.00	27.01 1.46 0.00	34.36 1.79 0.00	34.81 2.02 0.00	36.82 2.21 0.00	39.39 2.52 0.00	36.45 2.49 0.00	33.13 2.26 0.00	42.32 2.97 0.00	52.81 3.85 0.00	49.42 3.47 0.00	124.47 8.22 0.00	96.97 6.50 0.00	46.38 3.12 0.00	39.13 2.45 0.00	37.31 1.94 0.00
INDIAN POINT_GT_2 23659	33.13 1.43 0.00	30.57 1.34 0.00	28.80 1.24 0.00	27.68 1.16 0.00	22.66 0.98 0.00	19.97 0.84 0.00	22.45 1.01 0.00	20.95 1.17 0.00	25.09 1.35 0.00	27.01 1.46 0.00	34.36 1.79 0.00	34.81 2.02 0.00	36.82 2.21 0.00	39.39 2.52 0.00	36.45 2.49 0.00	33.13 2.26 0.00	42.32 2.97 0.00	52.81 3.85 0.00	49.42 3.47 0.00	124.47 8.22 0.00	96.97 6.50 0.00	46.38 3.12 0.00	39.13 2.45 0.00	37.31 1.94 0.00
INDIAN POINT_GT_3 24019	33.13 1.43 0.00	30.57 1.34 0.00	28.80 1.24 0.00	27.68 1.16 0.00	22.66 0.98 0.00	19.97 0.84 0.00	22.45 1.01 0.00	20.95 1.17 0.00	25.09 1.35 0.00	27.01 1.46 0.00	34.36 1.79 0.00	34.81 2.02 0.00	36.82 2.21 0.00	39.39 2.52 0.00	36.45 2.49 0.00	33.13 2.26 0.00	42.32 2.97 0.00	52.81 3.85 0.00	49.42 3.47 0.00	124.47 8.22 0.00	96.97 6.50 0.00	46.38 3.12 0.00	39.13 2.45 0.00	37.31 1.94 0.00
INDIAN POINT___2 23530	33.10 1.40 0.00	30.53 1.29 0.00	28.76 1.19 0.00	27.64 1.12 0.00	22.62 0.94 0.00	19.95 0.81 0.00	22.41 0.98 0.00	20.92 1.14 0.00	25.06 1.32 0.00	26.97 1.42 0.00	34.32 1.76 0.00	34.78 1.99 0.00	36.79 2.18 0.00	39.35 2.47 0.00	36.42 2.45 0.00	33.10 2.23 0.00	42.27 2.92 0.00	52.75 3.80 0.00	49.36 3.42 0.00	124.26 8.01 0.00	96.87 6.41 0.00	46.33 3.08 0.00	39.09 2.41 0.00	37.25 1.88 0.00
INDIAN POINT___3 23531	33.10 1.40 0.00	30.55 1.31 0.00	28.78 1.21 0.00	27.66 1.14 0.00	22.64 0.96 0.00	19.96 0.82 0.00	22.43 0.99 0.00	20.93 1.15 0.00	25.07 1.33 0.00	26.98 1.43 0.00	34.33 1.77 0.00	34.78 1.99 0.00	36.79 2.18 0.00	39.34 2.46 0.00	36.42 2.45 0.00	33.09 2.23 0.00	42.26 2.91 0.00	52.73 3.78 0.00	49.35 3.40 0.00	124.24 7.99 0.00	96.84 6.38 0.00	46.31 3.05 0.00	39.08 2.40 0.00	37.25 1.88 0.00
INGHAM_C_115KV_TB7 356103	31.85 0.15 0.00	29.21 -0.03 0.00	27.43 -0.13 0.00	26.42 -0.10 0.00	21.63 -0.05 0.00	19.10 -0.04 0.00	21.44 0.01 0.00	19.92 0.15 0.00	23.96 0.22 0.00	25.88 0.32 0.00	32.93 0.37 0.00	33.22 0.43 0.00	35.06 0.45 0.00	37.40 0.52 0.00	34.39 0.42 0.00	31.13 0.26 0.00	39.67 0.32 0.00	49.67 0.72 0.00	46.62 0.67 0.00	118.87 2.62 0.00	92.33 1.87 0.00	43.96 0.70 0.00	37.28 0.60 0.00	35.55 0.18 0.00
IP CORINTH___1 23988	33.74 2.04 0.00	31.06 1.82 0.00	29.24 1.67 0.00	28.14 1.62 0.00	23.01 1.33 0.00	20.26 1.13 0.00	22.77 1.33 0.00	21.13 1.35 0.00	25.34 1.60 0.00	27.37 1.81 0.00	34.57 2.01 0.00	34.87 2.08 0.00	36.77 2.16 0.00	38.77 1.90 0.00	35.64 1.67 0.00	32.31 1.44 0.00	41.14 1.79 0.00	51.22 2.27 0.00	48.51 2.57 0.00	124.24 7.99 0.00	97.06 6.60 0.00	46.17 2.91 0.00	39.12 2.44 0.00	37.51 2.14 0.00
IP___TICONDEROGA 23804	35.89 4.19 0.00	33.03 3.79 0.00	31.05 3.49 0.00	29.83 3.31 0.00	24.42 2.74 0.00	21.48 2.35 0.00	24.23 2.79 0.00	22.54 2.76 0.00	27.01 3.26 0.00	29.19 3.64 0.00	36.87 4.30 0.00	37.07 4.27 0.00	39.15 4.55 0.00	41.14 4.26 0.00	37.62 3.65 0.00	34.00 3.14 0.00	43.28 3.94 0.00	54.02 5.06 0.00	51.36 5.41 0.00	132.63 16.38 0.00	103.18 12.71 0.00	48.47 5.21 0.00	41.21 4.53 0.00	39.69 4.32 0.00
ISLIP_RES_REC 323679	35.53 3.20 -0.63	33.02 3.03 -0.76	36.42 2.92 -5.94	29.21 2.69 0.00	23.90 2.22 0.00	21.00 1.86 0.00	23.68 2.24 0.00	22.05 2.27 0.00	71.69 2.74 -45.21	28.13 2.58 0.00	41.80 3.18 -6.06	55.30 3.62 -18.89	38.16 3.56 0.00	72.99 4.18 -31.93	69.55 4.08 -31.51	294.47 3.73 -259.87	191.31 4.94 -147.02	140.35 6.34 -85.06	68.88 5.80 -17.13	131.26 14.25 -0.76	119.86 11.71 -17.69	709.72 5.53 -660.92	58.20 4.33 -17.19	38.89 3.52 0.00
JAMAICA__27_KV_LOAD 355505	33.48 1.78 0.00	30.89 1.65 0.00	29.08 1.51 0.00	27.96 1.43 0.00	22.90 1.23 0.00	20.20 1.06 0.00	22.68 1.24 0.00	21.18 1.40 0.00	25.33 1.59 0.00	27.28 1.73 0.00	34.54 1.99 0.01	35.09 2.29 0.00	37.09 2.49 0.01	39.70 2.83 0.00	36.78 2.81 0.00	33.40 2.54 0.00	42.70 3.36 0.00	53.31 4.35 0.00	49.81 3.87 0.00	125.50 9.25 0.00	98.02 7.56 0.00	46.91 3.65 0.00	39.66 2.98 0.00	37.75 2.38 0.00
JANIS___SOLAR 323808	34.22 1.46 -1.06	30.81 1.13 -0.45	28.62 1.06 0.00	27.66 0.97 -0.17	22.51 0.76 -0.07	19.90 0.77 0.00	22.33 0.90 0.00	20.80 1.03 0.00	25.02 1.28 0.00	26.93 1.32 -0.05	34.65 1.68 -0.40	34.65 1.44 -0.42	37.36 1.45 -1.30	40.30 1.84 -1.58	36.87 1.58 -1.32	33.45 1.54 -1.04	43.36 2.21 -1.81	54.47 2.82 -2.69	51.08 2.67 -2.46	126.91 6.81 -3.85	98.90 5.22 -3.22	45.76 2.33 -0.17	38.52 1.84 0.00	37.02 1.65 0.00
JARVIS____ 23743	31.70 0.00 0.00	29.23 -0.01 0.00	27.55 -0.02 0.00	26.52 0.00 0.00	21.68 0.00 0.00	19.13 0.00 0.00	21.46 0.02 0.00	19.84 0.06 0.00	23.81 0.07 0.00	25.63 0.08 0.00	32.66 0.10 0.00	32.89 0.10 0.00	34.71 0.10 0.00	36.99 0.11 0.00	34.07 0.10 0.00	30.96 0.09 0.00	39.47 0.12 0.00	49.14 0.18 0.00	46.09 0.14 0.00	116.69 0.44 0.00	90.78 0.32 0.00	43.39 0.13 0.00	36.78 0.10 0.00	35.41 0.04 0.00
JENNISON___1 23625	34.09 1.65 -0.75	30.88 1.33 -0.32	28.80 1.24 0.00	27.78 1.14 -0.12	22.63 0.90 -0.05	20.01 0.87 0.00	22.44 1.01 0.00	20.92 1.14 0.00	25.17 1.42 0.00	27.11 1.52 -0.04	34.85 2.01 -0.28	34.91 1.82 -0.29	37.47 1.95 -0.91	40.13 2.14 -1.11	36.86 1.97 -0.93	33.40 1.79 -0.73	43.08 2.46 -1.27	54.09 3.23 -1.90	50.66 2.98 -1.73	126.51 7.55 -2.71	98.51 5.78 -2.27	46.00 2.62 -0.12	38.77 2.09 0.00	37.22 1.86 0.00
JENNISON___2 23626	34.09 1.65 -0.75	30.88 1.33 -0.32	28.80 1.24 0.00	27.78 1.14 -0.12	22.63 0.90 -0.05	20.01 0.87 0.00	22.44 1.01 0.00	20.92 1.14 0.00	25.17 1.42 0.00	27.11 1.52 -0.04	34.85 2.01 -0.28	34.91 1.82 -0.29	37.47 1.95 -0.91	40.13 2.14 -1.11	36.86 1.97 -0.93	33.40 1.79 -0.73	43.08 2.46 -1.27	54.09 3.23 -1.90	50.66 2.98 -1.73	126.51 7.55 -2.71	98.51 5.78 -2.27	46.00 2.62 -0.12	38.77 2.09 0.00	37.22 1.86 0.00

JERICO_RISE_WT_PWR 323719	31.73 0.03 0.00	29.44 0.20 0.00	27.75 0.18 0.00	26.66 0.14 0.00	21.73 0.05 0.00	19.16 0.02 0.00	21.44 0.00 0.00	19.63 -0.14 0.00	23.64 -0.11 0.00	25.51 -0.04 0.00	32.52 -0.04 0.00	32.69 -0.11 0.00	34.45 -0.15 0.00	36.63 -0.25 0.00	33.74 -0.23 0.00	30.79 -0.08 0.00	39.16 -0.19 0.00	48.79 -0.16 0.00	45.89 -0.06 0.00	116.45 0.20 0.00	90.62 0.16 0.00	43.40 0.14 0.00	36.86 0.18 0.00	35.72 0.35 0.00
KATONAH__115KV_46KV_TB4 355592	33.35 1.66 0.00	30.78 1.55 0.00	28.99 1.43 0.00	27.87 1.35 0.00	22.82 1.14 0.00	20.12 0.98 0.00	22.61 1.17 0.00	21.10 1.32 0.00	25.29 1.54 0.00	27.22 1.67 0.00	34.64 2.07 0.00	35.08 2.29 0.00	37.10 2.49 0.00	39.70 2.82 0.00	36.75 2.79 0.00	33.41 2.54 0.00	42.68 3.33 0.00	53.27 4.31 0.00	49.86 3.91 0.00	125.60 9.35 0.00	97.81 7.35 0.00	46.73 3.48 0.00	39.44 2.76 0.00	37.59 2.22 0.00
KCE_NY_1 323755	33.67 1.98 0.00	31.03 1.79 0.00	29.18 1.62 0.00	28.12 1.60 0.00	23.00 1.32 0.00	20.27 1.13 0.00	22.75 1.31 0.00	21.09 1.31 0.00	25.32 1.58 0.00	27.33 1.77 0.00	34.70 2.13 0.00	34.98 2.19 0.00	36.91 2.30 0.00	39.17 2.29 0.00	36.06 2.08 0.00	32.68 1.81 0.00	41.67 2.32 0.00	51.91 2.95 0.00	48.79 2.84 0.00	124.25 8.00 0.00	96.74 6.28 0.00	46.14 2.89 0.00	39.10 2.42 0.00	37.48 2.11 0.00
KCE_NY_6_ESR 323823	32.41 0.71 0.00	29.53 0.29 0.00	27.93 0.36 0.00	26.77 0.25 0.00	21.79 0.11 0.00	19.30 0.16 0.00	21.50 0.06 0.00	20.08 0.30 0.00	24.28 0.53 0.00	25.86 0.30 0.00	33.06 0.50 0.00	32.98 0.18 0.00	34.62 0.02 0.00	36.47 -0.41 0.00	33.27 -0.70 0.00	30.17 -0.70 0.00	38.17 -1.18 0.00	47.10 -1.85 0.00	44.35 -1.60 0.00	111.93 -4.32 0.00	87.11 -3.35 0.00	42.23 -1.03 0.00	36.14 -0.54 0.00	35.26 -0.11 0.00
KEDC_PORT_JEFF_GT2 24210	35.29 2.96 -0.63	32.81 2.82 -0.76	36.23 2.73 -5.94	29.04 2.52 0.00	23.76 2.08 0.00	20.88 1.74 0.00	23.55 2.11 0.00	21.91 2.13 0.00	81.55 2.56 -55.24	27.95 2.39 0.00	41.55 2.93 -6.06	55.04 3.36 -18.89	37.89 3.28 0.00	72.70 3.89 -31.93	69.28 3.80 -31.51	294.23 3.49 -259.87	230.55 4.58 -186.62	139.91 5.90 -85.06	68.46 5.38 -17.13	130.21 13.19 -0.76	120.77 10.89 -19.42	711.04 5.14 -662.64	57.90 4.03 -17.19	38.61 3.24 0.00
KEDC_PORT_JEFF_GT3 24211	35.29 2.96 -0.63	32.81 2.82 -0.76	36.23 2.73 -5.94	29.04 2.52 0.00	23.76 2.08 0.00	20.88 1.74 0.00	23.55 2.11 0.00	21.91 2.13 0.00	81.55 2.56 -55.24	27.95 2.39 0.00	41.55 2.93 -6.06	55.04 3.36 -18.89	37.89 3.28 0.00	72.70 3.89 -31.93	69.28 3.80 -31.51	294.23 3.49 -259.87	230.55 4.58 -186.62	139.91 5.90 -85.06	68.46 5.38 -17.13	130.21 13.19 -0.76	120.77 10.89 -19.42	711.04 5.14 -662.64	57.90 4.03 -17.19	38.61 3.24 0.00
KEDC_GLWD_GT4 24219	34.38 2.05 -0.63	31.92 1.92 -0.76	35.31 1.80 -5.94	28.21 1.69 0.00	23.10 1.42 0.00	20.33 1.20 0.00	22.88 1.44 0.00	21.33 1.55 0.00	25.55 1.81 0.00	27.44 1.89 0.00	41.07 2.45 -6.06	54.33 2.65 -18.89	37.48 2.88 0.00	72.12 3.31 -31.93	68.70 3.22 -31.51	293.56 2.82 -259.87	55.87 3.51 -13.01	138.60 4.59 -85.05	67.18 4.11 -17.12	126.65 9.65 -0.75	110.16 7.85 -11.85	702.24 3.88 -655.10	57.08 3.21 -17.19	37.98 2.61 0.00
KEDC_GLWD_GT5 24220	34.38 2.05 -0.63	31.92 1.92 -0.76	35.31 1.80 -5.94	28.21 1.69 0.00	23.10 1.42 0.00	20.33 1.20 0.00	22.88 1.44 0.00	21.33 1.55 0.00	25.55 1.81 0.00	27.44 1.89 0.00	41.07 2.45 -6.06	54.33 2.65 -18.89	37.48 2.88 0.00	72.12 3.31 -31.93	68.70 3.22 -31.51	293.56 2.82 -259.87	55.87 3.51 -13.01	138.60 4.59 -85.05	67.18 4.11 -17.12	126.65 9.65 -0.75	110.16 7.85 -11.85	702.24 3.88 -655.10	57.08 3.21 -17.19	37.98 2.61 0.00
KENSICO____ 23655	33.22 1.53 0.00	30.67 1.43 0.00	28.89 1.33 0.00	27.77 1.25 0.00	22.74 1.06 0.00	20.04 0.91 0.00	22.52 1.08 0.00	21.02 1.24 0.00	25.17 1.43 0.00	27.10 1.54 0.00	34.46 1.90 0.00	34.91 2.12 0.00	36.93 2.32 0.00	39.51 2.63 0.00	36.57 2.61 0.00	33.23 2.36 0.00	42.43 3.08 0.00	52.95 3.99 0.00	49.54 3.60 0.00	124.80 8.55 0.00	97.24 6.77 0.00	46.51 3.25 0.00	39.25 2.57 0.00	37.42 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.38 1.68 0.00	30.73 1.50 0.00	28.93 1.36 0.00	27.77 1.25 0.00	22.72 1.04 0.00	20.03 0.89 0.00	22.52 1.08 0.00	21.03 1.25 0.00	25.22 1.48 0.00	27.18 1.62 0.00	34.64 2.08 0.00	34.99 2.19 0.00	37.05 2.45 0.00	39.39 2.51 0.00	36.65 2.69 0.00	33.52 2.64 0.00	42.82 3.47 0.00	53.43 4.47 0.00	50.16 4.21 0.00	126.22 9.97 0.00	98.27 7.80 0.00	46.92 3.66 0.00	39.52 2.84 0.00	37.67 2.30 0.00
KIAC_JFK_GT1 23816	33.27 1.58 0.00	30.71 1.48 0.00	28.90 1.34 0.00	27.79 1.27 0.00	22.78 1.10 0.00	20.08 0.94 0.00	22.55 1.12 0.00	21.04 1.26 0.00	25.10 1.36 0.00	27.03 1.48 0.00	34.23 1.67 0.01	34.77 1.97 0.00	36.76 2.16 0.01	39.35 2.47 0.00	36.45 2.48 0.00	33.10 2.24 0.00	42.32 2.97 0.00	52.83 3.87 0.00	49.36 3.42 0.00	124.75 8.51 0.00	97.61 7.15 0.00	46.70 3.45 0.00	39.52 2.84 0.00	37.60 2.23 0.00
KIAC_JFK_GT2 23817	33.27 1.58 0.00	30.71 1.48 0.00	28.90 1.34 0.00	27.79 1.27 0.00	22.78 1.10 0.00	20.08 0.94 0.00	22.55 1.12 0.00	21.04 1.26 0.00	25.10 1.36 0.00	27.03 1.48 0.00	34.23 1.67 0.01	34.77 1.97 0.00	36.76 2.16 0.01	39.35 2.47 0.00	36.45 2.48 0.00	33.10 2.24 0.00	42.32 2.97 0.00	52.83 3.87 0.00	49.36 3.42 0.00	124.75 8.51 0.00	97.61 7.15 0.00	46.70 3.45 0.00	39.52 2.84 0.00	37.60 2.23 0.00
KIAC_JFK____ 323774	33.27 1.58 0.00	30.71 1.47 0.00	28.90 1.34 0.00	27.79 1.27 0.00	22.78 1.10 0.00	20.08 0.94 0.00	22.55 1.12 0.00	21.04 1.26 0.00	25.10 1.36 0.00	27.03 1.48 0.00	34.23 1.67 0.01	34.77 1.97 0.00	36.75 2.16 0.01	39.35 2.47 0.00	36.45 2.48 0.00	33.10 2.24 0.00	42.32 2.97 0.00	52.83 3.87 0.00	49.36 3.42 0.00	124.76 8.51 0.00	97.62 7.15 0.00	46.70 3.45 0.00	39.52 2.84 0.00	37.60 2.23 0.00
KINTIGH____ 23543	31.74 0.04 0.00	28.98 -0.25 0.00	27.41 -0.15 0.00	26.29 -0.23 0.00	21.40 -0.28 0.00	18.94 -0.20 0.00	21.11 -0.33 0.00	19.69 -0.09 0.00	23.79 0.04 0.00	25.35 -0.21 0.00	32.39 -0.17 0.00	32.34 -0.45 0.00	33.92 -0.68 0.00	35.78 -1.10 0.00	32.67 -1.30 0.00	29.62 -1.25 0.00	37.50 -1.85 0.00	46.35 -2.61 0.00	43.62 -2.32 0.00	109.97 -6.28 0.00	85.66 -4.81 0.00	41.50 -1.76 0.00	35.51 -1.18 0.00	34.58 -0.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.19 0.49 0.00	29.85 0.62 0.00	28.10 0.53 0.00	27.00 0.48 0.00	22.02 0.34 0.00	19.40 0.27 0.00	21.72 0.28 0.00	19.93 0.15 0.00	23.98 0.24 0.00	25.92 0.37 0.00	33.01 0.45 0.00	33.13 0.34 0.00	34.95 0.34 0.00	37.18 0.30 0.00	34.26 0.30 0.00	31.27 0.40 0.00	39.78 0.43 0.00	49.57 0.61 0.00	46.63 0.69 0.00	118.54 2.29 0.00	92.25 1.78 0.00	44.10 0.84 0.00	37.46 0.78 0.00	36.24 0.87 0.00

LACHUTE___HYDRO 323717	35.89 4.19 0.00	33.03 3.79 0.00	31.05 3.49 0.00	29.83 3.31 0.00	24.42 2.74 0.00	21.48 2.35 0.00	24.23 2.79 0.00	22.54 2.76 0.00	27.01 3.26 0.00	29.19 3.64 0.00	36.87 4.30 0.00	37.07 4.27 0.00	39.15 4.54 0.00	41.14 4.27 0.00	37.62 3.65 0.00	34.01 3.14 0.00	43.28 3.94 0.00	54.02 5.06 0.00	51.36 5.41 0.00	132.63 16.38 0.00	103.18 12.71 0.00	48.46 5.21 0.00	41.21 4.53 0.00	39.68 4.31 0.00
LAWRNCV_115KV_TB1 80681	32.15 0.08 -0.37	29.54 0.15 -0.15	27.72 0.16 0.00	26.76 0.18 -0.06	21.88 0.17 -0.02	19.25 0.12 0.00	21.54 0.11 0.00	19.58 -0.20 0.00	23.56 -0.18 0.00	25.40 -0.17 -0.02	32.55 -0.15 -0.14	32.73 -0.20 -0.14	34.82 -0.24 -0.45	37.20 -0.22 -0.54	34.10 -0.32 -0.45	31.09 -0.13 -0.36	39.80 -0.17 -0.62	49.67 -0.21 -0.93	46.72 -0.08 -0.85	117.45 -0.12 -1.33	91.63 0.06 -1.11	43.46 0.14 -0.06	36.85 0.16 0.00	35.91 0.54 0.00
LEDERLE___ 23769	33.27 1.57 0.00	30.67 1.44 0.00	28.89 1.32 0.00	27.76 1.24 0.00	22.72 1.04 0.00	20.03 0.89 0.00	22.50 1.06 0.00	21.01 1.24 0.00	25.18 1.44 0.00	27.12 1.56 0.00	34.52 1.96 0.00	35.00 2.21 0.00	37.05 2.44 0.00	39.63 2.76 0.00	36.70 2.73 0.00	33.37 2.50 0.00	42.63 3.28 0.00	53.20 4.24 0.00	49.78 3.83 0.00	125.27 9.02 0.00	97.60 7.14 0.00	46.68 3.43 0.00	39.34 2.66 0.00	37.47 2.10 0.00
LIGHTHSE_115KV_TB6 355974	34.18 -0.42 -2.90	29.92 -0.54 -1.22	27.11 -0.46 0.00	26.64 -0.35 -0.46	21.64 -0.23 -0.19	18.94 -0.19 0.00	21.23 -0.20 0.00	19.70 -0.08 0.00	23.67 -0.07 0.00	25.65 -0.05 -0.15	33.69 0.04 -1.09	33.94 0.01 -1.14	38.15 0.01 -3.54	41.00 -0.17 -4.30	37.25 -0.31 -3.58	33.42 -0.29 -2.83	43.92 -0.34 -4.91	55.86 -0.43 -7.34	52.41 -0.24 -6.70	126.17 -0.55 -10.48	98.91 -0.31 -8.76	43.72 0.00 -0.47	36.63 -0.05 0.00	35.24 -0.13 0.00
LINDEN COGEN___ 23786	33.09 1.39 0.00	30.56 1.32 0.00	28.79 1.22 0.00	27.66 1.14 0.00	22.65 0.97 0.00	19.97 0.83 0.00	22.45 1.01 0.00	20.97 1.19 0.00	25.11 1.36 0.00	27.05 1.50 0.00	34.31 1.75 0.00	34.84 2.05 0.00	36.84 2.23 0.00	39.37 2.55 0.06	36.51 2.54 0.00	33.17 2.30 0.00	42.35 3.00 0.00	52.88 3.92 0.00	49.43 3.49 0.00	124.37 8.12 0.00	97.02 6.56 0.00	46.46 3.20 0.00	39.04 2.48 0.12	37.18 1.93 0.12
LINDHRST_69_KV_BK1 356055	35.14 2.81 -0.63	32.65 2.65 -0.76	36.04 2.54 -5.94	28.87 2.35 0.00	23.63 1.95 0.00	20.77 1.63 0.00	23.41 1.97 0.00	21.79 2.01 0.00	30.31 2.40 -4.17	27.94 2.39 0.00	41.66 3.04 -6.06	54.95 3.27 -18.88	38.00 3.40 0.00	72.74 3.93 -31.93	69.35 3.87 -31.51	294.26 3.53 -259.87	67.33 4.46 -23.52	139.90 5.90 -85.05	68.46 5.39 -17.12	129.97 12.97 -0.75	113.35 10.58 -12.31	703.83 5.01 -655.56	57.94 4.07 -17.19	38.74 3.37 0.00
LIPA_MISC_IPP 23656	35.38 3.06 -0.63	32.90 2.91 -0.76	36.31 2.81 -5.94	29.10 2.58 0.00	23.81 2.13 0.00	20.92 1.78 0.00	23.59 2.16 0.00	21.97 2.19 0.00	74.29 2.63 -47.92	27.84 2.29 0.00	41.37 2.75 -6.06	54.98 3.31 -18.88	37.69 3.09 0.00	72.53 3.72 -31.93	69.04 3.56 -31.51	293.98 3.25 -259.87	182.39 4.37 -138.67	139.62 5.61 -85.05	68.18 5.10 -17.13	129.88 12.87 -0.76	118.54 10.74 -17.33	708.94 5.12 -660.56	57.76 3.89 -17.19	38.49 3.11 0.00
LISF___SOLAR 323691	35.47 3.14 -0.63	32.97 2.98 -0.76	36.38 2.88 -5.94	29.17 2.65 0.00	23.87 2.19 0.00	20.98 1.84 0.00	23.65 2.22 0.00	22.02 2.25 0.00	74.75 2.70 -48.31	27.90 2.35 0.00	41.43 2.81 -6.06	55.07 3.39 -18.89	37.76 3.16 0.00	72.59 3.78 -31.93	69.09 3.62 -31.51	294.05 3.32 -259.87	187.50 4.48 -143.67	139.75 5.74 -85.06	68.31 5.24 -17.13	130.22 13.21 -0.76	119.03 11.03 -17.54	709.29 5.26 -660.78	57.87 4.00 -17.19	38.57 3.20 0.00
LITTLE FALLS___HYD 24013	31.85 0.15 0.00	29.21 -0.03 0.00	27.43 -0.13 0.00	26.42 -0.10 0.00	21.63 -0.05 0.00	19.10 -0.04 0.00	21.44 0.01 0.00	19.92 0.15 0.00	23.96 0.22 0.00	25.88 0.32 0.00	32.93 0.37 0.00	33.22 0.43 0.00	35.06 0.45 0.00	37.40 0.52 0.00	34.39 0.42 0.00	31.13 0.26 0.00	39.67 0.32 0.00	49.67 0.72 0.00	46.62 0.67 0.00	118.87 2.62 0.00	92.33 1.87 0.00	43.96 0.70 0.00	37.28 0.60 0.00	35.55 0.18 0.00
LITTLRIV_115KV_TB1 356100	32.58 0.49 -0.39	29.94 0.54 -0.17	28.10 0.53 0.00	27.14 0.55 -0.06	22.17 0.47 -0.03	19.51 0.37 0.00	21.83 0.39 0.00	19.84 0.07 0.00	23.90 0.16 0.00	25.76 0.18 -0.02	33.04 0.33 -0.15	33.22 0.27 -0.16	35.39 0.31 -0.48	37.83 0.37 -0.58	34.58 0.12 -0.49	31.53 0.28 -0.38	40.38 0.37 -0.67	50.47 0.51 -1.00	47.48 0.62 -0.91	119.37 1.69 -1.43	93.08 1.43 -1.19	44.10 0.78 -0.06	37.36 0.68 0.00	36.38 1.01 0.00
LI_NEWBRDGE___DRP 323616	34.40 2.06 -0.63	31.96 1.97 -0.76	35.37 1.87 -5.94	28.27 1.74 0.00	23.14 1.46 0.00	20.35 1.21 0.00	22.92 1.49 0.00	21.34 1.56 0.00	25.56 1.82 0.00	27.36 1.81 0.00	40.94 2.32 -6.06	54.17 2.49 -18.88	37.24 2.63 0.00	71.89 3.08 -31.93	68.48 3.00 -31.51	293.46 2.72 -259.87	55.87 3.51 -13.01	138.62 4.61 -85.05	67.22 4.16 -17.12	126.86 9.86 -0.75	110.41 8.10 -11.85	702.24 3.88 -655.10	57.01 3.15 -17.19	37.91 2.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.97 0.27 0.00	29.12 -0.11 0.00	27.57 0.01 0.00	26.41 -0.11 0.00	21.50 -0.18 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.90 0.16 0.00	25.42 -0.14 0.00	32.49 -0.07 0.00	32.47 -0.33 0.00	33.99 -0.61 0.00	35.77 -1.11 0.00	32.60 -1.37 0.00	29.56 -1.31 0.00	37.34 -2.01 0.00	46.00 -2.96 0.00	43.37 -2.58 0.00	109.19 -7.05 0.00	85.07 -5.39 0.00	41.40 -1.86 0.00	35.53 -1.15 0.00	34.71 -0.66 0.00
LOCKPORT___CC1 323769	31.95 0.25 0.00	29.11 -0.12 0.00	27.56 0.00 0.00	26.41 -0.11 0.00	21.49 -0.19 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.91 0.16 0.00	25.42 -0.14 0.00	32.48 -0.08 0.00	32.44 -0.35 0.00	33.97 -0.63 0.00	35.75 -1.13 0.00	32.59 -1.37 0.00	29.55 -1.32 0.00	37.34 -2.01 0.00	46.00 -2.96 0.00	43.36 -2.59 0.00	109.25 -7.00 0.00	85.06 -5.41 0.00	41.38 -1.88 0.00	35.51 -1.17 0.00	34.71 -0.66 0.00
LOCKPORT___CC2 323770	31.95 0.25 0.00	29.11 -0.12 0.00	27.56 0.00 0.00	26.41 -0.11 0.00	21.49 -0.19 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.91 0.16 0.00	25.42 -0.14 0.00	32.48 -0.08 0.00	32.44 -0.35 0.00	33.97 -0.63 0.00	35.75 -1.13 0.00	32.59 -1.37 0.00	29.55 -1.32 0.00	37.34 -2.01 0.00	46.00 -2.96 0.00	43.36 -2.59 0.00	109.25 -7.00 0.00	85.06 -5.41 0.00	41.38 -1.88 0.00	35.51 -1.17 0.00	34.71 -0.66 0.00
LOCKPORT___CC3 323771	31.95 0.25 0.00	29.11 -0.12 0.00	27.56 0.00 0.00	26.41 -0.11 0.00	21.49 -0.19 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.91 0.16 0.00	25.42 -0.14 0.00	32.48 -0.08 0.00	32.44 -0.35 0.00	33.97 -0.63 0.00	35.75 -1.13 0.00	32.59 -1.37 0.00	29.55 -1.32 0.00	37.34 -2.01 0.00	46.00 -2.96 0.00	43.36 -2.59 0.00	109.25 -7.00 0.00	85.06 -5.41 0.00	41.38 -1.88 0.00	35.51 -1.17 0.00	34.71 -0.66 0.00

LONG_LAKE_PHOENIX 24014	35.16 -0.56 -4.02	30.30 -0.62 -1.69	26.98 -0.58 0.00	26.59 -0.57 -0.64	21.46 -0.48 -0.27	18.74 -0.40 0.00	20.99 -0.45 0.00	19.45 -0.32 0.00	23.37 -0.37 0.00	25.35 -0.41 -0.20	33.59 -0.48 -1.51	33.86 -0.52 -1.59	39.00 -0.52 -4.92	42.21 -0.63 -5.96	38.32 -0.62 -4.98	34.23 -0.57 -3.93	45.46 -0.70 -6.82	58.26 -0.88 -10.18	54.42 -0.83 -9.30	128.61 -2.18 -14.54	100.90 -1.72 -12.15	43.03 -0.88 -0.65	35.92 -0.77 0.00	34.59 -0.78 0.00
LOVETT___3 23632	33.07 1.37 0.00	30.50 1.26 0.00	28.73 1.17 0.00	27.61 1.09 0.00	22.60 0.92 0.00	19.92 0.79 0.00	22.38 0.95 0.00	20.90 1.12 0.00	25.04 1.29 0.00	26.95 1.40 0.00	34.30 1.74 0.00	34.77 1.97 0.00	36.78 2.17 0.00	39.34 2.46 0.00	36.42 2.45 0.00	33.10 2.23 0.00	42.28 2.94 0.00	52.76 3.80 0.00	49.37 3.42 0.00	124.27 8.02 0.00	96.85 6.39 0.00	46.32 3.07 0.00	39.07 2.39 0.00	37.23 1.86 0.00
LOVETT___4 23642	33.07 1.37 0.00	30.50 1.26 0.00	28.73 1.17 0.00	27.61 1.09 0.00	22.60 0.92 0.00	19.92 0.79 0.00	22.38 0.95 0.00	20.90 1.12 0.00	25.04 1.29 0.00	26.95 1.40 0.00	34.30 1.74 0.00	34.77 1.97 0.00	36.78 2.17 0.00	39.34 2.46 0.00	36.42 2.45 0.00	33.10 2.23 0.00	42.28 2.94 0.00	52.76 3.80 0.00	49.37 3.42 0.00	124.27 8.02 0.00	96.85 6.39 0.00	46.32 3.07 0.00	39.07 2.39 0.00	37.23 1.86 0.00
LOVETT___5 23593	33.07 1.37 0.00	30.50 1.26 0.00	28.73 1.17 0.00	27.61 1.09 0.00	22.60 0.92 0.00	19.92 0.79 0.00	22.38 0.95 0.00	20.90 1.12 0.00	25.04 1.29 0.00	26.95 1.40 0.00	34.30 1.74 0.00	34.77 1.97 0.00	36.78 2.17 0.00	39.34 2.46 0.00	36.42 2.45 0.00	33.10 2.23 0.00	42.28 2.94 0.00	52.76 3.80 0.00	49.37 3.42 0.00	124.27 8.02 0.00	96.85 6.39 0.00	46.32 3.07 0.00	39.07 2.39 0.00	37.23 1.86 0.00
LOWER_RAQUET___HYD 24057	32.16 0.04 -0.42	29.52 0.11 -0.18	27.69 0.12 0.00	26.75 0.16 -0.07	21.87 0.16 -0.03	19.24 0.11 0.00	21.53 0.10 0.00	19.58 -0.20 0.00	23.56 -0.18 0.00	25.42 -0.16 -0.02	32.58 -0.14 -0.16	32.77 -0.19 -0.17	34.90 -0.22 -0.51	37.29 -0.21 -0.62	34.16 -0.33 -0.52	31.16 -0.12 -0.41	39.92 -0.14 -0.71	49.85 -0.17 -1.07	46.90 -0.02 -0.97	117.85 0.08 -1.52	91.90 0.17 -1.27	43.53 0.21 -0.07	36.90 0.21 0.00	35.94 0.57 0.00
LOWER___HUDSON 24059	33.04 1.34 0.00	30.49 1.25 0.00	28.70 1.14 0.00	27.69 1.17 0.00	22.67 0.99 0.00	19.98 0.84 0.00	22.42 0.98 0.00	20.77 0.99 0.00	24.89 1.15 0.00	26.84 1.29 0.00	34.10 1.53 0.00	34.39 1.60 0.00	36.29 1.68 0.00	38.58 1.71 0.00	35.53 1.56 0.00	32.23 1.36 0.00	41.06 1.71 0.00	51.09 2.13 0.00	47.98 2.04 0.00	121.91 5.67 0.00	94.70 4.24 0.00	45.26 2.00 0.00	38.40 1.72 0.00	36.79 1.42 0.00
LOWVILLE_115KV_TB2 356335	32.40 -0.36 -1.06	29.23 -0.45 -0.45	27.18 -0.38 0.00	26.70 0.01 -0.17	22.00 0.25 -0.07	19.34 0.21 0.00	21.65 0.21 0.00	20.03 0.25 0.00	24.13 0.39 0.00	26.07 0.46 -0.05	33.65 0.69 -0.40	33.85 0.64 -0.42	36.54 0.64 -1.29	38.93 0.48 -1.57	35.49 0.21 -1.31	32.24 0.34 -1.03	41.69 0.55 -1.80	52.38 0.74 -2.68	49.40 1.00 -2.45	122.69 2.61 -3.82	95.93 2.26 -3.20	44.63 1.20 -0.17	37.66 0.98 0.00	36.27 0.90 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.63 1.93 0.00	30.99 1.75 0.00	29.16 1.60 0.00	28.09 1.57 0.00	22.98 1.30 0.00	20.26 1.12 0.00	22.74 1.30 0.00	21.09 1.31 0.00	25.30 1.56 0.00	27.30 1.74 0.00	34.66 2.09 0.00	34.94 2.15 0.00	36.86 2.25 0.00	39.11 2.24 0.00	36.00 2.03 0.00	32.65 1.78 0.00	41.62 2.27 0.00	51.83 2.88 0.00	48.77 2.82 0.00	124.11 7.86 0.00	96.64 6.17 0.00	46.09 2.84 0.00	39.07 2.39 0.00	37.44 2.07 0.00
LUTHERNY_35_KV_BK2 355980	33.67 1.97 0.00	31.03 1.79 0.00	29.18 1.62 0.00	28.11 1.59 0.00	23.00 1.32 0.00	20.27 1.13 0.00	22.75 1.31 0.00	21.09 1.31 0.00	25.32 1.58 0.00	27.33 1.77 0.00	34.69 2.13 0.00	34.98 2.19 0.00	36.91 2.30 0.00	39.17 2.29 0.00	36.05 2.08 0.00	32.68 1.81 0.00	41.67 2.32 0.00	51.91 2.95 0.00	48.78 2.84 0.00	124.26 8.01 0.00	96.74 6.28 0.00	46.14 2.89 0.00	39.10 2.42 0.00	37.48 2.11 0.00
LWR___OSWEGATCHIE_HYD 23850	32.27 -0.26 -0.83	29.30 -0.28 -0.35	27.34 -0.22 0.00	26.63 -0.02 -0.13	21.84 0.11 -0.05	19.20 0.07 0.00	21.50 0.06 0.00	19.72 -0.06 0.00	23.74 0.00 0.00	25.63 0.03 -0.04	33.02 0.15 -0.31	33.23 0.11 -0.33	35.71 0.08 -1.02	38.08 -0.03 -1.23	34.76 -0.24 -1.03	31.64 -0.04 -0.81	40.77 0.01 -1.41	51.10 0.04 -2.11	48.17 0.30 -1.92	120.12 0.87 -3.00	93.85 0.87 -2.51	43.94 0.55 -0.13	37.15 0.47 0.00	35.96 0.59 0.00
LYONS_FALL_HYD 23570	32.55 0.21 -0.63	29.59 0.09 -0.27	27.68 0.11 0.00	26.90 0.28 -0.10	22.06 0.34 -0.04	19.44 0.30 0.00	21.78 0.35 0.00	20.16 0.38 0.00	24.29 0.55 0.00	26.20 0.62 -0.03	33.64 0.84 -0.24	33.88 0.84 -0.25	36.24 0.86 -0.77	38.59 0.77 -0.94	35.36 0.60 -0.78	32.09 0.61 -0.62	41.29 0.87 -1.08	51.75 1.19 -1.61	48.71 1.29 -1.47	121.87 3.32 -2.30	95.05 2.66 -1.92	44.63 1.27 -0.10	37.69 1.01 0.00	36.28 0.91 0.00
MADISON___COUNTY_LFGE 323628	33.07 0.73 -0.64	30.07 0.56 -0.27	28.10 0.54 0.00	27.13 0.51 -0.10	22.12 0.40 -0.04	19.54 0.40 0.00	21.90 0.47 0.00	20.31 0.53 0.00	24.45 0.70 0.00	26.35 0.76 -0.03	33.79 0.99 -0.24	34.02 0.97 -0.25	36.43 1.04 -0.79	38.86 1.03 -0.95	35.68 0.92 -0.79	32.36 0.86 -0.63	41.62 1.18 -1.09	52.16 1.58 -1.63	48.97 1.54 -1.49	122.47 3.90 -2.32	95.41 3.01 -1.94	44.69 1.33 -0.10	37.72 1.04 0.00	36.28 0.91 0.00
MALONE___115KV_TB1 356076	32.06 0.36 0.00	29.69 0.45 0.00	27.98 0.41 0.00	26.89 0.37 0.00	21.94 0.26 0.00	19.35 0.21 0.00	21.65 0.22 0.00	19.83 0.05 0.00	23.89 0.15 0.00	25.79 0.23 0.00	32.91 0.35 0.00	33.09 0.30 0.00	34.88 0.28 0.00	37.11 0.23 0.00	34.16 0.20 0.00	31.19 0.32 0.00	39.70 0.35 0.00	49.45 0.50 0.00	46.51 0.56 0.00	117.89 1.64 0.00	91.82 1.36 0.00	43.99 0.73 0.00	37.36 0.68 0.00	36.19 0.81 0.00
MAPLEWOD_115KV_TB3 80458	33.00 1.30 0.00	30.41 1.18 0.00	28.62 1.05 0.00	27.58 1.06 0.00	22.57 0.89 0.00	19.90 0.77 0.00	22.32 0.88 0.00	20.69 0.92 0.00	24.81 1.07 0.00	26.75 1.20 0.00	34.01 1.45 0.00	34.32 1.52 0.00	36.20 1.60 0.00	38.53 1.66 0.00	35.49 1.52 0.00	32.23 1.36 0.00	41.11 1.76 0.00	51.22 2.26 0.00	48.07 2.12 0.00	121.88 5.63 0.00	94.72 4.25 0.00	45.27 2.01 0.00	38.38 1.70 0.00	36.76 1.39 0.00
MAPLE_RIDGE_WT_1 323574	31.14 -0.56 0.00	28.90 -0.34 0.00	27.31 -0.26 0.00	26.30 -0.22 0.00	21.49 -0.19 0.00	19.00 -0.14 0.00	21.32 -0.11 0.00	19.64 -0.14 0.00	23.62 -0.13 0.00	25.43 -0.13 0.00	32.40 -0.16 0.00	32.61 -0.18 0.00	34.41 -0.20 0.00	36.68 -0.20 0.00	33.76 -0.20 0.00	30.72 -0.15 0.00	39.12 -0.23 0.00	48.66 -0.29 0.00	45.72 -0.23 0.00	115.67 -0.58 0.00	90.01 -0.45 0.00	43.08 -0.17 0.00	36.54 -0.14 0.00	35.29 -0.08 0.00

MAPLE RIDGE_WT_2 323611	31.14 -0.56 0.00	28.90 -0.34 0.00	27.31 -0.26 0.00	26.30 -0.22 0.00	21.49 -0.19 0.00	19.00 -0.14 0.00	21.32 -0.11 0.00	19.64 -0.14 0.00	23.62 -0.13 0.00	25.43 -0.13 0.00	32.40 -0.16 0.00	32.61 -0.18 0.00	34.41 -0.20 0.00	36.68 -0.20 0.00	33.76 -0.20 0.00	30.72 -0.15 0.00	39.12 -0.23 0.00	48.66 -0.29 0.00	45.72 -0.23 0.00	115.67 -0.58 0.00	90.01 -0.45 0.00	43.08 -0.17 0.00	36.54 -0.14 0.00	35.29 -0.08 0.00
MARBLE RIVER_WT_PWR 323696	31.78 0.09 0.00	29.50 0.26 0.00	27.80 0.24 0.00	26.72 0.20 0.00	21.79 0.11 0.00	19.20 0.07 0.00	21.49 0.05 0.00	19.69 -0.09 0.00	23.70 -0.04 0.00	25.59 0.04 0.00	32.62 0.05 0.00	32.78 -0.01 0.00	34.54 -0.06 0.00	36.70 -0.17 0.00	33.83 -0.14 0.00	30.87 0.00 0.00	39.27 -0.08 0.00	48.93 -0.02 0.00	46.03 0.09 0.00	116.83 0.58 0.00	90.95 0.48 0.00	43.51 0.25 0.00	36.96 0.28 0.00	35.80 0.43 0.00
MARSHVLE_115KV_TB1 80742	33.98 2.28 0.00	31.48 2.25 0.00	29.72 2.15 0.00	28.53 2.01 0.00	23.30 1.62 0.00	20.58 1.45 0.00	23.09 1.66 0.00	21.33 1.56 0.00	25.66 1.92 0.00	27.62 2.07 0.00	35.28 2.72 0.00	35.47 2.68 0.00	37.29 2.68 0.00	39.16 2.28 0.00	36.50 2.53 0.00	33.22 2.35 0.00	42.12 2.77 0.00	52.68 3.72 0.00	49.61 3.66 0.00	125.08 8.83 0.00	97.65 7.18 0.00	46.94 3.68 0.00	39.24 2.56 0.00	38.20 2.83 0.00
MARSH_HILL_WT_PWR 323713	33.15 1.00 -0.45	30.14 0.71 -0.19	28.34 0.77 0.00	27.28 0.68 -0.07	22.12 0.41 -0.03	19.57 0.44 0.00	21.92 0.48 0.00	20.49 0.71 0.00	24.64 0.89 0.00	26.40 0.82 -0.02	33.88 1.15 -0.17	33.88 0.91 -0.18	36.09 0.93 -0.55	38.21 0.66 -0.67	34.98 0.45 -0.56	31.63 0.32 -0.44	40.35 0.24 -0.76	50.36 0.27 -1.14	47.27 0.28 -1.04	118.56 0.68 -1.63	92.42 0.59 -1.36	43.83 0.49 -0.07	37.16 0.48 0.00	36.03 0.66 0.00
MCINTYRE_115KV_TB2 80467	32.78 0.73 -0.35	30.13 0.75 -0.15	28.28 0.72 0.00	27.28 0.71 -0.06	22.28 0.58 -0.02	19.61 0.48 0.00	21.94 0.51 0.00	19.93 0.16 0.00	24.01 0.27 0.00	25.85 0.28 -0.02	33.13 0.43 -0.13	33.33 0.40 -0.14	35.49 0.45 -0.43	37.95 0.55 -0.52	34.71 0.30 -0.44	31.62 0.41 -0.34	40.50 0.55 -0.60	50.62 0.77 -0.89	47.61 0.85 -0.81	119.80 2.28 -1.27	93.41 1.88 -1.06	44.32 1.00 -0.06	37.54 0.86 0.00	36.55 1.18 0.00
MECO____69_KV_BK1 80468	35.10 3.40 0.00	32.52 3.29 0.00	30.64 3.07 0.00	29.40 2.88 0.00	24.01 2.33 0.00	21.22 2.08 0.00	23.79 2.35 0.00	22.03 2.25 0.00	26.62 2.87 0.00	28.71 3.16 0.00	36.60 4.04 0.00	36.81 4.02 0.00	38.50 3.90 0.00	40.11 3.23 0.00	37.46 3.49 0.00	34.10 3.23 0.00	43.64 4.29 0.00	54.79 5.84 0.00	51.67 5.72 0.00	131.10 14.85 0.00	102.26 11.79 0.00	48.93 5.67 0.00	40.67 3.99 0.00	39.56 4.18 0.00
MENANDS__115KV_TB5 355628	32.62 0.93 0.00	30.09 0.86 0.00	28.33 0.76 0.00	27.30 0.79 0.00	22.35 0.68 0.00	19.72 0.58 0.00	22.11 0.67 0.00	20.49 0.72 0.00	24.56 0.81 0.00	26.46 0.91 0.00	33.65 1.09 0.00	33.96 1.17 0.00	35.84 1.23 0.00	38.15 1.28 0.00	35.16 1.19 0.00	31.92 1.05 0.00	40.70 1.35 0.00	50.68 1.73 0.00	47.53 1.59 0.00	120.49 4.25 0.00	93.61 3.15 0.00	44.75 1.49 0.00	37.94 1.26 0.00	36.35 0.99 0.00
MG INDUSTRY__DRP 24185	32.71 1.01 0.00	30.17 0.93 0.00	28.44 0.87 0.00	27.41 0.89 0.00	22.44 0.76 0.00	19.80 0.66 0.00	22.20 0.76 0.00	20.58 0.81 0.00	24.67 0.93 0.00	26.56 1.01 0.00	33.79 1.23 0.00	34.07 1.28 0.00	35.92 1.31 0.00	38.25 1.37 0.00	35.22 1.25 0.00	31.96 1.09 0.00	40.76 1.41 0.00	50.81 1.85 0.00	47.64 1.69 0.00	120.73 4.48 0.00	93.85 3.39 0.00	44.82 1.56 0.00	38.01 1.33 0.00	36.48 1.10 0.00
MID____OSWEGATCHIE_HYD 23849	32.27 -0.26 -0.83	29.30 -0.28 -0.35	27.34 -0.22 0.00	26.63 -0.02 -0.13	21.84 0.11 -0.05	19.20 0.07 0.00	21.50 0.06 0.00	19.72 -0.06 0.00	23.74 0.00 0.00	25.63 0.03 -0.04	33.02 0.15 -0.31	33.23 0.11 -0.33	35.71 0.08 -1.02	38.08 -0.03 -1.23	34.76 -0.24 -1.03	31.64 -0.04 -0.81	40.77 0.01 -1.41	51.10 0.04 -2.11	48.17 0.30 -1.92	120.12 0.87 -3.00	93.85 0.87 -2.51	43.94 0.55 -0.13	37.15 0.47 0.00	35.96 0.59 0.00
MID____RAQUETTE_HYD 23851	32.16 0.04 -0.42	29.52 0.11 -0.18	27.69 0.12 0.00	26.75 0.16 -0.07	21.87 0.16 -0.03	19.24 0.11 0.00	21.53 0.10 0.00	19.58 -0.20 0.00	23.56 -0.18 0.00	25.42 -0.16 -0.02	32.58 -0.14 -0.16	32.77 -0.19 -0.17	34.90 -0.22 -0.51	37.29 -0.21 -0.62	34.16 -0.33 -0.52	31.16 -0.12 -0.41	39.92 -0.14 -0.71	49.85 -0.17 -1.07	46.90 -0.02 -0.97	117.85 0.08 -1.52	91.90 0.17 -1.27	43.53 0.20 -0.07	36.90 0.21 0.00	35.94 0.57 0.00
MILLIKEN____1 23584	33.91 0.76 -1.45	30.39 0.54 -0.61	28.09 0.52 0.00	27.23 0.48 -0.23	22.12 0.35 -0.10	19.50 0.37 0.00	21.84 0.40 0.00	20.33 0.55 0.00	24.43 0.69 0.00	26.34 0.71 -0.07	33.99 0.88 -0.55	34.14 0.77 -0.57	37.23 0.85 -1.77	39.97 0.94 -2.15	36.62 0.85 -1.79	33.07 0.78 -1.42	42.83 1.03 -2.46	53.93 1.30 -3.67	50.53 1.23 -3.35	124.62 3.12 -5.24	97.14 2.30 -4.38	44.50 1.01 -0.23	37.46 0.78 0.00	36.06 0.69 0.00
MILLIKEN____2 23585	33.91 0.76 -1.45	30.39 0.54 -0.61	28.09 0.52 0.00	27.23 0.48 -0.23	22.12 0.35 -0.10	19.50 0.37 0.00	21.84 0.40 0.00	20.33 0.55 0.00	24.43 0.69 0.00	26.34 0.71 -0.07	33.99 0.88 -0.55	34.14 0.77 -0.57	37.23 0.85 -1.77	39.97 0.94 -2.15	36.62 0.85 -1.79	33.07 0.78 -1.42	42.83 1.03 -2.46	53.93 1.30 -3.67	50.53 1.23 -3.35	124.62 3.12 -5.24	97.14 2.30 -4.38	44.50 1.01 -0.23	37.46 0.78 0.00	36.06 0.69 0.00
MILLIKEN____DIESEL 23629	33.91 0.76 -1.45	30.39 0.54 -0.61	28.09 0.52 0.00	27.23 0.48 -0.23	22.12 0.35 -0.10	19.50 0.37 0.00	21.84 0.40 0.00	20.33 0.55 0.00	24.43 0.69 0.00	26.34 0.71 -0.07	33.99 0.88 -0.55	34.14 0.77 -0.57	37.23 0.85 -1.77	39.97 0.94 -2.15	36.62 0.85 -1.79	33.07 0.78 -1.42	42.83 1.03 -2.46	53.93 1.30 -3.67	50.53 1.23 -3.35	124.62 3.12 -5.24	97.14 2.30 -4.38	44.50 1.01 -0.23	37.46 0.78 0.00	36.06 0.69 0.00
MILLSEAT____LFGE 323607	32.55 0.85 0.00	29.65 0.41 0.00	28.04 0.48 0.00	26.85 0.33 0.00	21.85 0.17 0.00	19.35 0.21 0.00	21.55 0.12 0.00	20.11 0.33 0.00	24.34 0.60 0.00	25.94 0.38 0.00	33.18 0.62 0.00	33.22 0.42 0.00	34.80 0.19 0.00	36.69 -0.19 0.00	33.50 -0.47 0.00	30.33 -0.54 0.00	38.35 -1.00 0.00	47.30 -1.66 0.00	44.57 -1.38 0.00	112.41 -3.84 0.00	87.49 -2.97 0.00	42.47 -0.79 0.00	36.35 -0.33 0.00	35.41 0.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.16 1.46 0.00	30.61 1.37 0.00	28.84 1.27 0.00	27.72 1.20 0.00	22.69 1.02 0.00	20.01 0.87 0.00	22.48 1.04 0.00	20.97 1.20 0.00	25.12 1.38 0.00	27.05 1.49 0.00	34.40 1.84 0.00	34.84 2.05 0.00	36.86 2.25 0.00	39.42 2.55 0.00	36.49 2.52 0.00	33.16 2.29 0.00	42.35 3.00 0.00	52.84 3.88 0.00	49.44 3.50 0.00	124.55 8.30 0.00	97.04 6.58 0.00	46.40 3.14 0.00	39.17 2.49 0.00	37.33 1.96 0.00

MILLWOOD_13_KV_LOAD 356217	33.25 1.55 0.00	30.69 1.45 0.00	28.91 1.35 0.00	27.79 1.27 0.00	22.74 1.07 0.00	20.05 0.91 0.00	22.53 1.10 0.00	21.03 1.26 0.00	25.19 1.45 0.00	27.12 1.57 0.00	34.50 1.94 0.00	34.95 2.16 0.00	36.96 2.36 0.00	39.55 2.67 0.00	36.62 2.65 0.00	33.28 2.42 0.00	42.51 3.16 0.00	53.06 4.10 0.00	49.65 3.71 0.00	125.05 8.80 0.00	97.41 6.95 0.00	46.58 3.32 0.00	39.30 2.61 0.00	37.44 2.07 0.00
MODEL_CITY_ENERGY 24167	31.61 -0.09 0.00	28.79 -0.44 0.00	27.28 -0.29 0.00	26.14 -0.38 0.00	21.28 -0.40 0.00	18.84 -0.30 0.00	20.97 -0.47 0.00	19.54 -0.23 0.00	23.63 -0.11 0.00	25.11 -0.45 0.00	32.09 -0.47 0.00	32.07 -0.72 0.00	33.55 -1.05 0.00	35.31 -1.57 0.00	32.18 -1.79 0.00	29.19 -1.67 0.00	36.86 -2.49 0.00	45.39 -3.57 0.00	42.78 -3.16 0.00	107.76 -8.49 0.00	83.91 -6.55 0.00	40.86 -2.40 0.00	35.11 -1.57 0.00	34.33 -1.04 0.00
MODERN_LFGE_ 323580	31.61 -0.09 0.00	28.79 -0.44 0.00	27.28 -0.29 0.00	26.14 -0.38 0.00	21.28 -0.40 0.00	18.84 -0.30 0.00	20.97 -0.47 0.00	19.54 -0.23 0.00	23.63 -0.11 0.00	25.11 -0.45 0.00	32.09 -0.47 0.00	32.07 -0.72 0.00	33.55 -1.05 0.00	35.31 -1.57 0.00	32.18 -1.79 0.00	29.19 -1.67 0.00	36.86 -2.49 0.00	45.39 -3.57 0.00	42.78 -3.16 0.00	107.76 -8.49 0.00	83.91 -6.55 0.00	40.86 -2.40 0.00	35.11 -1.57 0.00	34.33 -1.04 0.00
MOHAWK_PAPER___DRP 24187	33.00 1.30 0.00	30.41 1.18 0.00	28.62 1.05 0.00	27.58 1.06 0.00	22.57 0.89 0.00	19.90 0.77 0.00	22.32 0.88 0.00	20.69 0.92 0.00	24.81 1.07 0.00	26.75 1.20 0.00	34.01 1.45 0.00	34.32 1.52 0.00	36.20 1.60 0.00	38.53 1.66 0.00	35.49 1.52 0.00	32.23 1.36 0.00	41.11 1.76 0.00	51.22 2.26 0.00	48.07 2.12 0.00	121.88 5.63 0.00	94.72 4.25 0.00	45.27 2.01 0.00	38.38 1.70 0.00	36.76 1.39 0.00
MOHICAN___35_KV_115KV_LD 80490	33.96 2.27 0.00	31.28 2.04 0.00	29.43 1.87 0.00	28.33 1.80 0.00	23.17 1.50 0.00	20.40 1.27 0.00	22.92 1.49 0.00	21.28 1.50 0.00	25.52 1.78 0.00	27.56 2.00 0.00	34.85 2.28 0.00	35.14 2.35 0.00	37.05 2.45 0.00	39.12 2.24 0.00	35.94 1.97 0.00	32.56 1.68 0.00	41.47 2.13 0.00	51.66 2.70 0.00	48.88 2.93 0.00	125.17 8.93 0.00	97.61 7.15 0.00	46.40 3.15 0.00	39.35 2.68 0.00	37.74 2.37 0.00
MONGAUP___HYD 23641	33.38 1.69 0.00	30.74 1.51 0.00	28.94 1.38 0.00	27.81 1.29 0.00	22.75 1.07 0.00	20.06 0.92 0.00	22.52 1.09 0.00	21.01 1.24 0.00	25.14 1.40 0.00	27.04 1.48 0.00	33.96 1.39 0.00	33.97 1.18 0.00	35.75 1.14 0.00	38.16 1.28 0.00	35.53 1.56 0.00	32.45 1.58 0.00	41.71 2.36 0.00	52.49 3.53 0.00	49.34 3.39 0.00	124.65 8.40 0.00	97.04 6.57 0.00	46.35 3.09 0.00	39.14 2.46 0.00	37.40 2.03 0.00
MONTAUK___DIESEL 23721	37.14 4.81 -0.63	34.42 4.43 -0.76	37.67 4.16 -5.94	30.37 3.85 0.00	24.84 3.16 0.00	21.83 2.69 0.00	24.63 3.19 0.00	22.99 3.22 0.00	75.85 4.00 -48.11	29.32 3.77 0.00	43.38 4.76 -6.06	57.01 5.33 -18.88	39.60 5.00 0.00	74.54 5.73 -31.93	70.92 5.44 -31.51	295.73 4.99 -259.87	186.68 6.71 -140.62	142.61 8.60 -85.05	70.83 7.76 -17.13	136.36 19.35 -0.76	123.59 15.71 -17.41	711.23 7.33 -660.64	59.52 5.65 -17.19	40.48 5.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.25 1.55 0.00	30.29 1.06 0.00	28.59 1.02 0.00	27.49 0.97 0.00	22.36 0.68 0.00	19.82 0.68 0.00	22.02 0.58 0.00	20.61 0.83 0.00	24.98 1.24 0.00	26.73 1.18 0.00	34.17 1.61 0.00	33.94 1.15 0.00	35.86 1.26 0.00	37.80 0.92 0.00	34.46 0.49 0.00	31.30 0.43 0.00	39.74 0.39 0.00	49.18 0.22 0.00	46.24 0.30 0.00	116.94 0.69 0.00	90.92 0.46 0.00	43.86 0.60 0.00	37.35 0.67 0.00	36.31 0.94 0.00
MORTIMER_115KV_TB3 55949	32.14 0.45 0.00	29.38 0.14 0.00	27.74 0.17 0.00	26.59 0.07 0.00	21.66 -0.02 0.00	19.16 0.02 0.00	21.39 -0.05 0.00	19.92 0.14 0.00	24.04 0.30 0.00	25.75 0.19 0.00	32.95 0.38 0.00	33.03 0.24 0.00	34.72 0.11 0.00	36.76 -0.12 0.00	33.67 -0.30 0.00	30.52 -0.35 0.00	38.69 -0.66 0.00	47.92 -1.04 0.00	45.07 -0.88 0.00	113.76 -2.49 0.00	88.52 -1.94 0.00	42.67 -0.59 0.00	36.34 -0.34 0.00	35.20 -0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.33 1.64 0.00	30.78 1.55 0.00	29.00 1.43 0.00	27.87 1.35 0.00	22.82 1.14 0.00	20.11 0.98 0.00	22.61 1.17 0.00	21.11 1.34 0.00	25.28 1.54 0.00	27.23 1.68 0.00	34.58 2.02 0.00	35.09 2.30 0.00	37.11 2.51 0.00	39.73 2.85 0.00	36.80 2.83 0.00	33.43 2.56 0.00	42.67 3.32 0.00	53.25 4.30 0.00	49.81 3.87 0.00	125.34 9.09 0.00	97.79 7.33 0.00	46.78 3.52 0.00	39.47 2.79 0.00	37.61 2.24 0.00
MUNSVILLE_WIND_PWR 323609	34.89 2.29 -0.91	31.44 1.82 -0.38	29.27 1.71 0.00	28.22 1.55 -0.14	23.02 1.28 -0.06	20.44 1.30 0.00	22.95 1.52 0.00	21.43 1.65 0.00	25.82 2.08 0.00	27.86 2.25 -0.05	35.90 3.00 -0.34	35.94 2.79 -0.36	38.62 2.91 -1.11	41.53 3.31 -1.35	38.05 2.96 -1.12	34.42 2.67 -0.88	44.65 3.77 -1.54	56.19 4.94 -2.30	52.67 4.63 -2.10	131.22 11.69 -3.28	102.17 8.97 -2.74	47.44 4.03 -0.15	39.91 3.22 0.00	38.28 2.91 0.00
N SALMON___HYD 24042	32.06 0.36 0.00	29.69 0.45 0.00	27.98 0.41 0.00	26.89 0.37 0.00	21.94 0.26 0.00	19.35 0.21 0.00	21.65 0.22 0.00	19.83 0.05 0.00	23.89 0.15 0.00	25.79 0.23 0.00	32.91 0.35 0.00	33.09 0.30 0.00	34.88 0.28 0.00	37.11 0.23 0.00	34.17 0.20 0.00	31.19 0.32 0.00	39.69 0.35 0.00	49.45 0.50 0.00	46.51 0.57 0.00	117.89 1.64 0.00	91.82 1.36 0.00	43.98 0.73 0.00	37.36 0.68 0.00	36.19 0.82 0.00
N.AKRON___115KV_KNAPP 355671	32.45 0.75 0.00	29.54 0.31 0.00	27.96 0.39 0.00	26.77 0.25 0.00	21.79 0.11 0.00	19.29 0.15 0.00	21.49 0.05 0.00	20.06 0.28 0.00	24.28 0.54 0.00	25.84 0.29 0.00	33.06 0.49 0.00	33.07 0.28 0.00	34.63 0.02 0.00	36.48 -0.39 0.00	33.28 -0.69 0.00	30.15 -0.72 0.00	38.10 -1.25 0.00	46.97 -1.98 0.00	44.28 -1.66 0.00	111.64 -4.61 0.00	86.95 -3.51 0.00	42.23 -1.03 0.00	36.20 -0.48 0.00	35.29 -0.08 0.00
N.BELMOR_69_KV_BK1 55787	34.65 2.32 -0.63	32.18 2.19 -0.76	35.58 2.08 -5.94	28.45 1.93 0.00	23.30 1.62 0.00	20.48 1.35 0.00	23.07 1.63 0.00	21.49 1.71 0.00	25.75 2.00 0.00	27.57 2.02 0.00	41.26 2.64 -6.06	54.39 2.71 -18.88	37.57 2.97 0.00	72.25 3.44 -31.93	68.80 3.33 -31.51	293.78 3.04 -259.87	56.23 3.88 -13.01	139.12 5.12 -85.05	67.65 4.58 -17.12	127.80 10.80 -0.75	111.13 8.82 -11.85	702.60 4.24 -655.10	57.39 3.53 -17.19	38.29 2.92 0.00
N.E._GEN_SANDY PD 24062	32.82 1.18 0.06	30.40 1.17 0.00	28.64 1.07 0.00	27.62 1.10 0.00	23.13 0.95 -0.50	19.93 0.80 0.00	22.63 0.96 -0.24	20.80 1.02 0.00	24.88 1.14 0.00	26.90 1.25 -0.09	37.26 1.49 -3.21	34.37 1.58 0.00	36.31 1.70 0.00	38.43 1.79 0.24	35.66 1.69 0.00	32.37 1.50 0.00	41.27 1.92 0.00	51.37 2.42 0.00	48.16 2.21 0.00	123.27 5.73 -1.30	94.34 4.33 0.45	46.21 2.04 -0.91	45.04 1.73 -6.63	40.26 1.37 -3.52

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.14 1.44 0.00	30.56 1.32 0.00	28.78 1.22 0.00	27.66 1.14 0.00	22.63 0.95 0.00	19.95 0.81 0.00	22.42 0.99 0.00	20.94 1.16 0.00	25.08 1.34 0.00	27.00 1.45 0.00	34.39 1.82 0.00	34.84 2.05 0.00	36.88 2.27 0.00	39.45 2.57 0.00	36.53 2.56 0.00	33.20 2.34 0.00	42.42 3.07 0.00	52.94 3.98 0.00	49.53 3.58 0.00	124.68 8.43 0.00	97.13 6.67 0.00	46.46 3.20 0.00	39.17 2.49 0.00	37.32 1.95 0.00
N.QUEENS_27_KV_LOAD 356247	33.38 1.68 0.00	30.84 1.61 0.00	29.08 1.51 0.00	27.93 1.41 0.00	22.91 1.23 0.00	20.18 1.04 0.00	22.68 1.24 0.00	21.19 1.41 0.00	25.32 1.58 0.00	27.29 1.73 0.00	34.56 2.00 0.00	35.10 2.31 0.00	37.13 2.52 0.00	39.83 2.96 0.00	36.88 2.91 0.00	33.52 2.65 0.00	42.73 3.39 0.00	53.34 4.38 0.00	49.92 3.98 0.00	125.55 9.30 0.00	98.04 7.58 0.00	46.92 3.66 0.00	39.61 2.93 0.00	37.73 2.36 0.00
N.TROY___115KV_TB1 355778	33.04 1.34 0.00	30.49 1.25 0.00	28.70 1.14 0.00	27.69 1.17 0.00	22.67 0.99 0.00	19.98 0.84 0.00	22.42 0.98 0.00	20.76 0.99 0.00	24.89 1.15 0.00	26.84 1.29 0.00	34.10 1.53 0.00	34.40 1.60 0.00	36.29 1.68 0.00	38.58 1.71 0.00	35.52 1.55 0.00	32.23 1.36 0.00	41.06 1.72 0.00	51.09 2.13 0.00	47.98 2.04 0.00	121.91 5.67 0.00	94.70 4.24 0.00	45.26 2.00 0.00	38.40 1.72 0.00	36.79 1.42 0.00
NARROWS_GT1_1 24228	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_2 24229	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_3 24230	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_4 24231	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_5 24232	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_6 24233	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_7 24234	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT1_8 24235	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_1 24236	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_2 24237	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_3 24238	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_4 24239	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00

NARROWS_GT2_5 24240	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_6 24241	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_7 24242	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NARROWS_GT2_8 24243	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.38 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.42 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.90 9.65 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.04 0.00	37.81 2.44 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.32 1.62 0.00	30.67 1.44 0.00	28.87 1.31 0.00	27.83 1.31 0.00	22.77 1.09 0.00	20.09 0.95 0.00	22.53 1.09 0.00	20.90 1.12 0.00	25.11 1.37 0.00	27.10 1.54 0.00	34.48 1.92 0.00	34.76 1.97 0.00	36.54 1.94 0.00	38.86 1.98 0.00	35.67 1.70 0.00	32.34 1.47 0.00	41.29 1.94 0.00	51.77 2.82 0.00	48.68 2.74 0.00	123.48 7.23 0.00	95.95 5.49 0.00	45.78 2.52 0.00	38.77 2.10 0.00	37.14 1.77 0.00
NCHELSEA_115KV_TR2 355582	33.42 1.72 0.00	30.82 1.59 0.00	29.03 1.47 0.00	27.91 1.38 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.63 1.20 0.00	21.11 1.33 0.00	25.30 1.56 0.00	27.24 1.68 0.00	34.67 2.11 0.00	35.09 2.30 0.00	37.11 2.51 0.00	39.65 2.77 0.00	36.72 2.75 0.00	33.43 2.56 0.00	42.71 3.36 0.00	53.29 4.33 0.00	49.90 3.96 0.00	125.75 9.50 0.00	97.90 7.44 0.00	46.75 3.50 0.00	39.45 2.77 0.00	37.63 2.26 0.00
NEG CAPITAL___MECHNVIL 23645	33.66 1.97 0.00	31.01 1.78 0.00	29.18 1.62 0.00	28.11 1.59 0.00	23.00 1.32 0.00	20.27 1.13 0.00	22.75 1.31 0.00	21.09 1.32 0.00	25.32 1.58 0.00	27.32 1.77 0.00	34.70 2.13 0.00	35.00 2.21 0.00	36.93 2.32 0.00	39.20 2.33 0.00	36.09 2.12 0.00	32.74 1.87 0.00	41.73 2.38 0.00	51.97 3.02 0.00	48.90 2.95 0.00	124.35 8.10 0.00	96.74 6.27 0.00	46.15 2.90 0.00	39.12 2.43 0.00	37.47 2.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.07 -0.15 -0.53	29.08 -0.38 -0.22	27.24 -0.33 0.00	26.22 -0.39 -0.08	21.34 -0.37 -0.03	18.84 -0.29 0.00	21.05 -0.39 0.00	19.60 -0.17 0.00	23.65 -0.09 0.00	25.40 -0.18 -0.03	32.63 -0.13 -0.20	32.76 -0.24 -0.21	34.91 -0.34 -0.65	37.14 -0.52 -0.79	34.01 -0.62 -0.66	30.75 -0.64 -0.52	39.28 -0.97 -0.90	48.95 -1.35 -1.34	45.96 -1.21 -1.23	114.81 -3.36 -1.92	89.40 -2.66 -1.60	42.27 -1.07 -0.09	35.86 -0.82 0.00	34.67 -0.70 0.00
NEG CENTRAL___DRP 24199	33.47 0.38 -1.40	30.00 0.18 -0.59	27.80 0.23 0.00	26.94 0.19 -0.22	21.86 0.09 -0.09	19.27 0.13 0.00	21.57 0.13 0.00	20.10 0.32 0.00	24.16 0.42 0.00	26.00 0.37 -0.07	33.53 0.44 -0.53	33.70 0.36 -0.55	36.73 0.42 -1.71	39.30 0.35 -2.08	35.97 0.27 -1.73	32.44 0.20 -1.37	41.95 0.23 -2.37	52.76 0.26 -3.54	49.44 0.25 -3.24	121.87 0.56 -5.06	95.04 0.35 -4.23	43.65 0.16 -0.23	36.79 0.11 0.00	35.48 0.11 0.00
NEG CENTRAL___INDECK 23768	33.38 1.68 0.00	30.46 1.23 0.00	28.76 1.20 0.00	27.59 1.07 0.00	22.43 0.75 0.00	19.86 0.72 0.00	22.21 0.77 0.00	20.71 0.93 0.00	24.82 1.08 0.00	26.50 0.94 0.00	33.98 1.42 0.00	33.98 1.19 0.00	35.72 1.11 0.00	37.73 0.85 0.00	34.56 0.59 0.00	31.43 0.56 0.00	39.88 0.54 0.00	49.61 0.65 0.00	46.76 0.81 0.00	118.00 1.75 0.00	92.06 1.60 0.00	44.48 1.22 0.00	37.81 1.13 0.00	36.60 1.23 0.00
NEG CENTRAL___SENECA 23627	33.00 0.60 -0.71	29.89 0.35 -0.30	28.02 0.46 0.00	27.02 0.38 -0.11	21.95 0.22 -0.05	19.39 0.26 0.00	21.72 0.29 0.00	20.27 0.49 0.00	24.38 0.64 0.00	26.14 0.55 -0.04	33.50 0.67 -0.27	33.63 0.56 -0.28	36.13 0.65 -0.87	38.47 0.53 -1.05	35.27 0.42 -0.88	31.90 0.33 -0.70	40.95 0.39 -1.21	51.21 0.46 -1.80	48.02 0.43 -1.65	119.86 1.04 -2.57	93.35 0.74 -2.15	43.74 0.37 -0.11	36.96 0.28 0.00	35.67 0.30 0.00
NEG CENTRAL___STATE_STREET 24147	34.20 0.50 -2.00	30.36 0.29 -0.84	27.85 0.29 0.00	27.10 0.26 -0.32	21.99 0.18 -0.13	19.35 0.21 0.00	21.59 0.16 0.00	20.12 0.34 0.00	24.19 0.45 0.00	26.14 0.48 -0.10	33.84 0.52 -0.75	34.07 0.49 -0.79	37.51 0.46 -2.45	40.45 0.60 -2.97	36.96 0.52 -2.47	33.29 0.46 -1.95	43.22 0.48 -3.39	54.64 0.62 -5.06	51.24 0.67 -4.63	125.20 1.72 -7.23	97.55 1.05 -6.04	44.01 0.43 -0.32	37.03 0.35 0.00	35.69 0.32 0.00
NEG MILLWOOD___DRP 24198	33.49 1.80 0.00	30.90 1.66 0.00	29.11 1.54 0.00	27.97 1.45 0.00	22.90 1.22 0.00	20.19 1.05 0.00	22.69 1.26 0.00	21.17 1.40 0.00	25.38 1.64 0.00	27.33 1.78 0.00	34.79 2.23 0.00	35.23 2.44 0.00	37.25 2.65 0.00	39.84 2.97 0.00	36.88 2.92 0.00	33.57 2.70 0.00	42.90 3.55 0.00	53.55 4.59 0.00	50.15 4.20 0.00	126.32 10.07 0.00	98.35 7.89 0.00	46.97 3.72 0.00	39.61 2.93 0.00	37.76 2.39 0.00
NEG NORTH_FLCN_SEA 23793	32.13 0.43 0.00	29.81 0.57 0.00	28.06 0.50 0.00	26.97 0.45 0.00	22.01 0.33 0.00	19.39 0.26 0.00	21.70 0.27 0.00	19.91 0.13 0.00	23.95 0.21 0.00	25.89 0.33 0.00	32.95 0.39 0.00	33.12 0.33 0.00	34.91 0.31 0.00	37.10 0.22 0.00	34.18 0.21 0.00	31.18 0.31 0.00	39.68 0.34 0.00	49.45 0.50 0.00	46.52 0.58 0.00	118.30 2.05 0.00	92.03 1.57 0.00	43.97 0.71 0.00	37.36 0.68 0.00	36.17 0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	31.79 0.10 0.00	29.49 0.26 0.00	27.80 0.23 0.00	26.71 0.19 0.00	21.77 0.09 0.00	19.20 0.06 0.00	21.48 0.05 0.00	19.67 -0.11 0.00	23.68 -0.06 0.00	25.55 0.00 0.00	32.56 0.00 0.00	32.74 -0.05 0.00	34.49 -0.12 0.00	36.68 -0.20 0.00	33.79 -0.18 0.00	30.83 -0.04 0.00	39.22 -0.12 0.00	48.87 -0.09 0.00	45.98 0.03 0.00	116.68 0.43 0.00	90.83 0.36 0.00	43.49 0.24 0.00	36.95 0.27 0.00	35.80 0.43 0.00

NEG NORTH___ALICE_FALLS 23915	32.19 0.49 0.00	29.85 0.62 0.00	28.10 0.53 0.00	27.00 0.48 0.00	22.02 0.34 0.00	19.40 0.27 0.00	21.72 0.28 0.00	19.93 0.15 0.00	23.98 0.24 0.00	25.92 0.37 0.00	33.01 0.45 0.00	33.13 0.34 0.00	34.95 0.34 0.00	37.18 0.30 0.00	34.26 0.30 0.00	31.27 0.40 0.00	39.78 0.43 0.00	49.57 0.61 0.00	46.63 0.69 0.00	118.54 2.29 0.00	92.25 1.78 0.00	44.10 0.84 0.00	37.46 0.78 0.00	36.24 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	32.19 0.49 0.00	29.85 0.62 0.00	28.10 0.53 0.00	27.00 0.48 0.00	22.02 0.34 0.00	19.40 0.27 0.00	21.72 0.28 0.00	19.93 0.15 0.00	23.98 0.24 0.00	25.92 0.37 0.00	33.01 0.45 0.00	33.13 0.34 0.00	34.95 0.34 0.00	37.18 0.30 0.00	34.26 0.30 0.00	31.27 0.40 0.00	39.78 0.43 0.00	49.57 0.61 0.00	46.63 0.69 0.00	118.54 2.29 0.00	92.25 1.78 0.00	44.10 0.84 0.00	37.46 0.78 0.00	36.24 0.87 0.00
NEG NORTH___PLATTSBURG 23628	32.19 0.49 0.00	29.85 0.62 0.00	28.10 0.53 0.00	27.00 0.48 0.00	22.02 0.34 0.00	19.40 0.27 0.00	21.72 0.28 0.00	19.92 0.15 0.00	23.98 0.24 0.00	25.92 0.37 0.00	33.01 0.44 0.00	33.13 0.34 0.00	34.94 0.34 0.00	37.18 0.30 0.00	34.26 0.29 0.00	31.27 0.40 0.00	39.78 0.43 0.00	49.57 0.61 0.00	46.63 0.69 0.00	118.54 2.29 0.00	92.25 1.78 0.00	44.10 0.84 0.00	37.46 0.77 0.00	36.24 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	31.95 0.26 0.00	29.12 -0.12 0.00	27.56 0.00 0.00	26.41 -0.11 0.00	21.49 -0.19 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.90 0.16 0.00	25.41 -0.14 0.00	32.48 -0.07 0.00	32.45 -0.35 0.00	33.97 -0.64 0.00	35.75 -1.13 0.00	32.58 -1.38 0.00	29.55 -1.32 0.00	37.33 -2.02 0.00	45.99 -2.96 0.00	43.35 -2.59 0.00	109.19 -7.06 0.00	85.05 -5.42 0.00	41.38 -1.87 0.00	35.51 -1.17 0.00	34.71 -0.66 0.00
NEG WEST___LANCASTR 23811	32.29 0.59 0.00	29.45 0.22 0.00	27.85 0.28 0.00	26.71 0.19 0.00	21.71 0.02 0.00	19.23 0.09 0.00	21.46 0.02 0.00	20.07 0.29 0.00	24.22 0.48 0.00	25.83 0.27 0.00	33.01 0.45 0.00	32.87 0.08 0.00	34.57 -0.04 0.00	36.43 -0.45 0.00	33.28 -0.68 0.00	30.15 -0.72 0.00	38.19 -1.15 0.00	47.24 -1.71 0.00	44.41 -1.53 0.00	112.29 -3.96 0.00	87.37 -3.09 0.00	42.24 -1.02 0.00	36.07 -0.61 0.00	35.14 -0.23 0.00
NEG_PENN_ALLEGHNY 23528	33.11 0.56 -0.85	29.99 0.40 -0.36	27.94 0.37 0.00	27.00 0.35 -0.14	21.96 0.22 -0.06	19.37 0.23 0.00	21.71 0.28 0.00	20.23 0.45 0.00	24.28 0.53 0.00	26.11 0.51 -0.04	33.57 0.68 -0.32	33.64 0.51 -0.33	36.25 0.61 -1.04	38.69 0.56 -1.26	35.51 0.50 -1.05	32.13 0.43 -0.83	41.37 0.58 -1.44	51.81 0.71 -2.15	48.50 0.60 -1.96	120.90 1.59 -3.06	94.20 1.18 -2.56	43.90 0.50 -0.14	37.06 0.38 0.00	35.72 0.35 0.00
NEG___GEN_MONROE 24207	32.44 0.74 0.00	29.60 0.36 0.00	27.95 0.39 0.00	26.80 0.28 0.00	21.82 0.14 0.00	19.31 0.17 0.00	21.54 0.10 0.00	20.07 0.30 0.00	24.24 0.50 0.00	25.96 0.41 0.00	33.21 0.65 0.00	33.30 0.50 0.00	34.97 0.37 0.00	37.00 0.12 0.00	33.88 -0.09 0.00	30.71 -0.16 0.00	38.91 -0.44 0.00	48.16 -0.79 0.00	45.31 -0.63 0.00	114.35 -1.90 0.00	89.03 -1.43 0.00	42.94 -0.32 0.00	36.59 -0.09 0.00	35.47 0.10 0.00
NEPA___ENERGY 23901	32.41 0.72 0.00	29.57 0.34 0.00	27.93 0.37 0.00	26.86 0.34 0.00	21.79 0.11 0.00	19.32 0.19 0.00	21.58 0.14 0.00	20.24 0.47 0.00	24.36 0.62 0.00	26.00 0.45 0.00	33.24 0.68 0.00	33.01 0.21 0.00	34.85 0.25 0.00	36.69 -0.18 0.00	33.55 -0.42 0.00	30.43 -0.44 0.00	38.66 -0.69 0.00	47.82 -1.14 0.00	44.91 -1.04 0.00	113.81 -2.43 0.00	88.50 -1.97 0.00	42.57 -0.69 0.00	36.21 -0.47 0.00	35.28 -0.09 0.00
NEVERSINK___HYD 23608	32.84 1.14 0.00	30.22 0.98 0.00	28.44 0.87 0.00	27.29 0.77 0.00	22.33 0.65 0.00	19.68 0.54 0.00	22.12 0.69 0.00	20.64 0.87 0.00	24.78 1.04 0.00	26.71 1.15 0.00	34.04 1.48 0.00	34.39 1.60 0.00	36.41 1.81 0.00	38.74 1.86 0.00	36.02 2.05 0.00	32.91 2.05 0.00	42.07 2.72 0.00	52.49 3.54 0.00	49.28 3.33 0.00	124.07 7.82 0.00	96.54 6.08 0.00	46.10 2.84 0.00	38.83 2.16 0.00	37.02 1.65 0.00
NEWKRMKL_115KV_TB1 55635	32.47 0.77 0.00	29.94 0.71 0.00	28.19 0.62 0.00	27.16 0.64 0.00	22.23 0.55 0.00	19.62 0.48 0.00	21.99 0.56 0.00	20.40 0.63 0.00	24.45 0.71 0.00	26.34 0.79 0.00	33.51 0.94 0.00	33.82 1.03 0.00	35.68 1.07 0.00	38.01 1.13 0.00	35.03 1.06 0.00	31.80 0.93 0.00	40.57 1.22 0.00	50.54 1.59 0.00	47.39 1.45 0.00	120.06 3.81 0.00	93.33 2.86 0.00	44.58 1.32 0.00	37.79 1.12 0.00	36.21 0.84 0.00
NEWTON___FALLS_HYD 23847	32.27 -0.26 -0.83	29.30 -0.28 -0.35	27.34 -0.22 0.00	26.63 -0.02 -0.13	21.84 0.11 -0.05	19.20 0.07 0.00	21.50 0.06 0.00	19.72 -0.06 0.00	23.74 0.00 0.00	25.63 0.03 -0.04	33.02 0.15 -0.31	33.23 0.11 -0.33	35.71 0.08 -1.02	38.08 -0.03 -1.23	34.76 -0.24 -1.03	31.64 -0.04 -0.81	40.77 0.01 -1.41	51.10 0.04 -2.11	48.17 0.30 -1.92	120.12 0.87 -3.00	93.85 0.87 -2.51	43.94 0.55 -0.13	37.15 0.47 0.00	35.96 0.59 0.00
NGRID_A1_DSASP 323792	31.37 -0.33 0.00	28.68 -0.56 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.55 -0.20 0.00	25.00 -0.55 0.00	31.93 -0.63 0.00	31.90 -0.90 0.00	33.36 -1.25 0.00	34.95 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.44 -2.91 0.00	44.85 -4.10 0.00	42.28 -3.67 0.00	106.47 -9.78 0.00	82.91 -7.55 0.00	40.39 -2.86 0.00	34.74 -1.94 0.00	34.11 -1.26 0.00
NGRID_A2_DSASP 323793	31.37 -0.33 0.00	28.68 -0.56 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.55 -0.20 0.00	25.00 -0.55 0.00	31.93 -0.63 0.00	31.90 -0.90 0.00	33.36 -1.25 0.00	34.95 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.44 -2.91 0.00	44.85 -4.10 0.00	42.28 -3.67 0.00	106.47 -9.78 0.00	82.91 -7.55 0.00	40.39 -2.86 0.00	34.74 -1.94 0.00	34.11 -1.26 0.00
NGRID_A4_DSASP 323807	31.37 -0.33 0.00	28.69 -0.55 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.54 -0.20 0.00	25.00 -0.56 0.00	31.93 -0.63 0.00	31.89 -0.90 0.00	33.36 -1.24 0.00	34.96 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.43 -2.92 0.00	44.86 -4.09 0.00	42.28 -3.67 0.00	106.41 -9.84 0.00	82.92 -7.55 0.00	40.41 -2.85 0.00	34.73 -1.95 0.00	34.11 -1.26 0.00
NIAGARA_115E_LBMP 323715	31.42 -0.28 0.00	28.62 -0.62 0.00	27.12 -0.45 0.00	25.99 -0.53 0.00	21.16 -0.52 0.00	18.73 -0.40 0.00	20.85 -0.58 0.00	19.43 -0.35 0.00	23.49 -0.25 0.00	24.94 -0.61 0.00	31.87 -0.69 0.00	31.84 -0.95 0.00	33.31 -1.29 0.00	35.05 -1.83 0.00	31.94 -2.03 0.00	28.99 -1.88 0.00	36.59 -2.76 0.00	45.04 -3.92 0.00	42.45 -3.49 0.00	106.86 -9.39 0.00	83.28 -7.19 0.00	40.57 -2.69 0.00	34.88 -1.80 0.00	34.11 -1.26 0.00

NIAGARA_115W_LBMP 323714	31.29 -0.41 0.00	28.62 -0.62 0.00	27.11 -0.46 0.00	25.98 -0.54 0.00	21.13 -0.55 0.00	18.71 -0.42 0.00	20.83 -0.61 0.00	19.42 -0.35 0.00	23.49 -0.25 0.00	24.94 -0.61 0.00	31.86 -0.70 0.00	31.82 -0.98 0.00	33.29 -1.32 0.00	34.86 -2.02 0.00	31.72 -2.25 0.00	28.78 -2.09 0.00	36.34 -3.01 0.00	44.71 -4.24 0.00	42.17 -3.78 0.00	106.15 -10.10 0.00	82.65 -7.81 0.00	40.29 -2.96 0.00	34.64 -2.04 0.00	34.04 -1.33 0.00
NIAGARA_230_LBMP 323716	31.56 -0.14 0.00	28.80 -0.43 0.00	27.27 -0.30 0.00	26.13 -0.39 0.00	21.26 -0.42 0.00	18.83 -0.31 0.00	20.96 -0.47 0.00	19.55 -0.23 0.00	23.64 -0.11 0.00	25.11 -0.44 0.00	32.09 -0.47 0.00	32.03 -0.76 0.00	33.54 -1.07 0.00	35.29 -1.59 0.00	32.17 -1.79 0.00	29.18 -1.69 0.00	36.87 -2.48 0.00	45.48 -3.48 0.00	42.84 -3.11 0.00	107.99 -8.25 0.00	84.07 -6.39 0.00	40.86 -2.40 0.00	35.07 -1.61 0.00	34.30 -1.07 0.00
NIAGARA__115KV_198_GIBSON 55903	31.29 -0.41 0.00	28.62 -0.62 0.00	27.11 -0.46 0.00	25.98 -0.54 0.00	21.13 -0.55 0.00	18.71 -0.42 0.00	20.83 -0.61 0.00	19.42 -0.35 0.00	23.48 -0.26 0.00	24.94 -0.62 0.00	31.86 -0.70 0.00	31.82 -0.98 0.00	33.29 -1.32 0.00	34.86 -2.02 0.00	31.70 -2.27 0.00	28.77 -2.10 0.00	36.33 -3.01 0.00	44.72 -4.23 0.00	42.17 -3.78 0.00	106.09 -10.16 0.00	82.66 -7.80 0.00	40.30 -2.96 0.00	34.64 -2.04 0.00	34.04 -1.33 0.00
NIAGARA____ 23760	31.40 -0.30 0.00	28.67 -0.57 0.00	27.15 -0.41 0.00	26.02 -0.50 0.00	21.17 -0.51 0.00	18.75 -0.39 0.00	20.88 -0.55 0.00	19.48 -0.30 0.00	23.56 -0.19 0.00	25.03 -0.52 0.00	31.98 -0.58 0.00	31.93 -0.86 0.00	33.41 -1.19 0.00	35.12 -1.76 0.00	31.99 -1.98 0.00	29.02 -1.85 0.00	36.67 -2.68 0.00	45.16 -3.79 0.00	42.56 -3.38 0.00	107.22 -9.03 0.00	83.50 -6.96 0.00	40.63 -2.63 0.00	34.88 -1.80 0.00	34.14 -1.23 0.00
NINE_MILE_1 23575	18.38 -0.92 12.40	23.08 -0.93 5.22	26.69 -0.87 0.00	23.68 -0.85 1.99	20.15 -0.71 0.82	18.54 -0.60 0.00	20.76 -0.68 0.00	19.22 -0.55 0.00	23.09 -0.65 0.00	24.21 -0.72 0.63	27.00 -0.90 4.66	26.98 -0.93 4.89	18.47 -0.97 15.17	17.39 -1.08 18.40	17.60 -1.02 15.35	17.81 -0.94 12.12	17.11 -1.21 21.03	16.00 -1.54 31.41	15.82 -1.43 28.70	67.73 -3.66 44.85	50.08 -2.89 37.49	39.84 -1.41 2.01	35.50 -1.18 0.00	34.21 -1.16 0.00
NINE_MILE_2 23744	18.19 -0.92 12.59	23.00 -0.93 5.30	26.69 -0.87 0.00	23.65 -0.85 2.02	20.14 -0.71 0.83	18.54 -0.59 0.00	20.76 -0.68 0.00	19.22 -0.55 0.00	23.09 -0.65 0.00	24.20 -0.71 0.64	26.93 -0.90 4.74	26.90 -0.93 4.96	18.24 -0.97 15.40	17.11 -1.08 18.68	17.37 -1.02 15.58	17.63 -0.94 12.30	16.80 -1.20 21.35	15.54 -1.53 31.89	15.39 -1.43 29.13	67.06 -3.66 45.53	49.52 -2.89 38.06	39.81 -1.41 2.04	35.50 -1.18 0.00	34.21 -1.16 0.00
NM_CAPITAL____DRP 24208	32.53 0.84 0.00	30.01 0.78 0.00	28.26 0.69 0.00	27.24 0.72 0.00	22.29 0.61 0.00	19.67 0.54 0.00	22.05 0.61 0.00	20.44 0.67 0.00	24.50 0.75 0.00	26.40 0.84 0.00	33.56 1.00 0.00	33.88 1.09 0.00	35.74 1.14 0.00	38.05 1.18 0.00	35.07 1.11 0.00	31.84 0.97 0.00	40.61 1.26 0.00	50.57 1.62 0.00	47.42 1.48 0.00	120.18 3.93 0.00	93.36 2.90 0.00	44.63 1.37 0.00	37.86 1.18 0.00	36.26 0.89 0.00
NM_CENTRAL____DRP 24181	32.71 -0.18 -1.20	29.44 -0.29 -0.50	27.29 -0.27 0.00	26.43 -0.28 -0.19	21.51 -0.25 -0.08	18.94 -0.19 0.00	21.22 -0.22 0.00	19.69 -0.09 0.00	23.66 -0.08 0.00	25.51 -0.11 -0.06	32.93 -0.08 -0.45	33.14 -0.13 -0.47	35.95 -0.12 -1.47	38.42 -0.23 -1.78	35.19 -0.26 -1.48	31.79 -0.26 -1.17	41.06 -0.33 -2.03	51.56 -0.43 -3.04	48.30 -0.43 -2.77	119.45 -1.14 -4.34	93.16 -0.93 -3.63	42.97 -0.48 -0.19	36.26 -0.42 0.00	34.93 -0.45 0.00
NM_FRONTIER____DRP 24179	31.29 -0.41 0.00	28.62 -0.62 0.00	27.11 -0.46 0.00	25.98 -0.54 0.00	21.13 -0.55 0.00	18.71 -0.42 0.00	20.83 -0.61 0.00	19.42 -0.35 0.00	23.48 -0.26 0.00	24.94 -0.62 0.00	31.86 -0.70 0.00	31.82 -0.98 0.00	33.29 -1.32 0.00	34.86 -2.02 0.00	31.70 -2.27 0.00	28.77 -2.10 0.00	36.33 -3.01 0.00	44.72 -4.23 0.00	42.17 -3.78 0.00	106.09 -10.16 0.00	82.66 -7.80 0.00	40.30 -2.96 0.00	34.64 -2.04 0.00	34.04 -1.33 0.00
NM_ST_REGIS____HYD 24053	32.22 0.15 -0.38	29.62 0.22 -0.16	27.79 0.23 0.00	26.83 0.25 -0.06	21.91 0.21 -0.02	19.29 0.15 0.00	21.58 0.15 0.00	19.66 -0.12 0.00	23.67 -0.08 0.00	25.54 -0.04 -0.02	32.72 0.02 -0.14	32.91 -0.03 -0.15	35.01 -0.05 -0.46	37.38 -0.06 -0.56	34.27 -0.17 -0.47	31.26 0.03 -0.37	40.01 0.02 -0.64	49.96 0.05 -0.95	46.99 0.17 -0.87	118.19 0.58 -1.36	92.20 0.60 -1.14	43.72 0.40 -0.06	37.06 0.38 0.00	36.05 0.68 0.00
NORTHPORT____1 23551	34.75 2.42 -0.63	32.34 2.34 -0.76	35.77 2.27 -5.94	28.64 2.12 0.00	23.45 1.78 0.00	20.59 1.45 0.00	23.22 1.79 0.00	21.56 1.78 0.00	26.79 2.07 -0.98	27.62 2.06 0.00	41.18 2.56 -6.06	54.46 2.78 -18.89	37.44 2.83 0.00	72.11 3.29 -31.93	68.72 3.25 -31.51	293.65 2.91 -259.87	65.54 3.64 -22.56	138.88 4.87 -85.05	67.50 4.43 -17.12	127.83 10.83 -0.75	111.61 8.87 -12.27	703.00 4.22 -655.52	57.27 3.39 -17.19	38.08 2.71 0.00
NORTHPORT____2 23552	34.75 2.42 -0.63	32.34 2.34 -0.76	35.77 2.27 -5.94	28.64 2.12 0.00	23.45 1.78 0.00	20.59 1.45 0.00	23.22 1.79 0.00	21.56 1.78 0.00	26.79 2.07 -0.98	27.62 2.06 0.00	41.18 2.56 -6.06	54.46 2.78 -18.89	37.44 2.83 0.00	72.11 3.29 -31.93	68.72 3.25 -31.51	293.65 2.91 -259.87	65.54 3.64 -22.56	138.88 4.87 -85.05	67.50 4.43 -17.12	127.83 10.83 -0.75	111.61 8.87 -12.27	703.00 4.22 -655.52	57.27 3.39 -17.19	38.08 2.71 0.00
NORTHPORT____3 23553	34.56 2.23 -0.63	32.14 2.15 -0.76	35.56 2.06 -5.94	28.45 1.92 0.00	23.29 1.61 0.00	20.46 1.32 0.00	23.06 1.62 0.00	21.45 1.67 0.00	22.11 2.03 3.66	27.48 1.93 0.00	41.05 2.42 -6.06	54.33 2.65 -18.89	37.33 2.72 0.00	72.00 3.19 -31.93	68.63 3.16 -31.51	293.63 2.89 -259.87	32.78 3.81 10.38	138.82 4.81 -85.05	67.42 4.35 -17.12	127.43 10.44 -0.75	110.23 8.93 -10.83	701.45 4.11 -654.09	57.15 3.28 -17.19	37.98 2.61 0.00
NORTHPORT____4 23650	34.56 2.23 -0.63	32.14 2.15 -0.76	35.56 2.06 -5.94	28.45 1.92 0.00	23.29 1.61 0.00	20.46 1.32 0.00	23.06 1.62 0.00	21.45 1.67 0.00	22.11 2.03 3.66	27.48 1.93 0.00	41.05 2.42 -6.06	54.33 2.65 -18.89	37.33 2.72 0.00	72.00 3.19 -31.93	68.63 3.16 -31.51	293.63 2.89 -259.87	32.78 3.81 10.38	138.82 4.81 -85.05	67.42 4.35 -17.12	127.43 10.44 -0.75	110.23 8.93 -10.83	701.45 4.11 -654.09	57.15 3.28 -17.19	37.98 2.61 0.00
NORTHPORT____IC 23718	34.75 2.42 -0.63	32.34 2.34 -0.76	35.77 2.27 -5.94	28.64 2.12 0.00	23.45 1.78 0.00	20.59 1.45 0.00	23.22 1.79 0.00	21.56 1.78 0.00	26.79 2.07 -0.98	27.62 2.06 0.00	41.18 2.56 -6.06	54.46 2.78 -18.89	37.44 2.83 0.00	72.11 3.29 -31.93	68.72 3.25 -31.51	293.65 2.91 -259.87	65.54 3.64 -22.56	138.88 4.87 -85.05	67.50 4.43 -17.12	127.83 10.83 -0.75	111.61 8.87 -12.27	703.00 4.22 -655.52	57.27 3.39 -17.19	38.08 2.71 0.00

NORTH____COUNTRY_ESR 323785	31.73 0.03 0.00	29.44 0.20 0.00	27.75 0.18 0.00	26.66 0.14 0.00	21.73 0.05 0.00	19.16 0.02 0.00	21.44 0.00 0.00	19.63 -0.14 0.00	23.64 -0.11 0.00	25.51 -0.04 0.00	32.52 -0.04 0.00	32.69 -0.11 0.00	34.45 -0.15 0.00	36.63 -0.25 0.00	33.74 -0.23 0.00	30.79 -0.08 0.00	39.16 -0.19 0.00	48.79 -0.16 0.00	45.89 -0.06 0.00	116.45 0.20 0.00	90.62 0.16 0.00	43.40 0.14 0.00	36.86 0.18 0.00	35.72 0.35 0.00
NPX_GEN_1385_PROXY 323591	34.42 2.08 -0.63	32.13 2.14 -0.76	35.65 2.14 -5.94	28.63 2.11 0.00	23.52 1.84 0.00	20.60 1.46 0.00	23.50 2.06 0.00	21.44 1.66 0.00	26.64 1.91 -0.98	27.70 2.15 0.00	40.85 2.23 -6.06	54.34 2.66 -18.89	37.27 2.66 0.00	71.68 2.87 -31.93	68.40 2.93 -31.51	293.25 2.51 -259.87	-21.42 2.49 63.27	9.71 3.47 42.71	38.79 3.29 10.45	125.69 8.69 -0.75	110.44 7.71 -12.27	702.19 3.42 -655.52	56.90 3.03 -17.19	37.74 2.37 0.00
NPX_GEN_CSC 323557	35.59 3.25 -0.63	33.06 3.07 -0.76	36.47 2.96 -5.94	29.24 2.72 0.00	23.92 2.25 0.00	21.02 1.89 0.00	23.71 2.27 0.00	22.08 2.30 0.00	74.58 2.78 -48.07	27.77 2.22 0.00	41.27 2.65 -6.06	55.06 3.38 -18.89	37.60 2.99 0.00	72.51 3.70 -31.93	68.97 3.50 -31.51	293.93 3.20 -259.87	183.39 4.36 -139.67	139.53 5.52 -85.06	68.08 5.00 -17.13	129.96 12.95 -0.76	118.79 10.95 -17.37	709.12 5.26 -660.60	57.74 3.87 -17.19	38.40 3.03 0.00
NSINS_S_GLNS_FALLS 23858	33.96 2.26 0.00	31.26 2.03 0.00	29.42 1.86 0.00	28.32 1.80 0.00	23.16 1.48 0.00	20.39 1.25 0.00	22.90 1.47 0.00	21.26 1.48 0.00	25.49 1.75 0.00	27.53 1.97 0.00	34.80 2.24 0.00	35.11 2.32 0.00	37.03 2.43 0.00	39.08 2.20 0.00	35.92 1.95 0.00	32.54 1.67 0.00	41.46 2.11 0.00	51.62 2.66 0.00	48.85 2.91 0.00	125.12 8.87 0.00	97.64 7.18 0.00	46.43 3.18 0.00	39.35 2.67 0.00	37.74 2.37 0.00
NUCOR_STEEL____DRP 24197	34.33 0.47 -2.16	30.40 0.26 -0.91	27.82 0.25 0.00	27.09 0.23 -0.35	21.98 0.16 -0.14	19.33 0.20 0.00	21.56 0.12 0.00	20.08 0.31 0.00	24.17 0.42 0.00	26.12 0.45 -0.11	33.85 0.48 -0.81	34.10 0.45 -0.85	37.67 0.41 -2.65	40.65 0.56 -3.21	37.10 0.46 -2.68	33.40 0.42 -2.11	43.42 0.40 -3.67	54.94 0.51 -5.48	51.53 0.57 -5.01	125.62 1.54 -7.82	97.91 0.91 -6.54	43.99 0.38 -0.35	37.00 0.32 0.00	35.66 0.29 0.00
NUMBER_THREE_WT_PWR 323818	32.40 -0.36 -1.06	29.23 -0.45 -0.45	27.18 -0.38 0.00	26.70 0.01 -0.17	22.00 0.25 -0.07	19.34 0.21 0.00	21.65 0.21 0.00	20.03 0.26 0.00	24.13 0.39 0.00	26.06 0.46 -0.05	33.65 0.69 -0.40	33.85 0.64 -0.42	36.54 0.64 -1.29	38.93 0.48 -1.57	35.49 0.21 -1.31	32.24 0.34 -1.03	41.69 0.55 -1.80	52.38 0.74 -2.68	49.40 1.00 -2.45	122.69 2.61 -3.82	95.92 2.26 -3.20	44.63 1.20 -0.17	37.66 0.98 0.00	36.27 0.90 0.00
NYISO_LBMP_REFERENCE 24008	31.70 0.00 0.00	29.24 0.00 0.00	27.57 0.00 0.00	26.52 0.00 0.00	21.68 0.00 0.00	19.13 0.00 0.00	21.43 0.00 0.00	19.78 0.00 0.00	23.74 0.00 0.00	25.56 0.00 0.00	32.56 0.00 0.00	32.79 0.00 0.00	34.60 0.00 0.00	36.88 0.00 0.00	33.97 0.00 0.00	30.87 0.00 0.00	39.35 0.00 0.00	48.95 0.00 0.00	45.95 0.00 0.00	116.25 0.00 0.00	90.46 0.00 0.00	43.26 0.00 0.00	36.68 0.00 0.00	35.37 0.00 0.00
NYPA_BRENTWD____GT 24164	35.23 2.90 -0.63	32.74 2.75 -0.76	36.16 2.65 -5.94	28.99 2.47 0.00	23.72 2.04 0.00	20.84 1.71 0.00	23.50 2.06 0.00	21.84 2.07 0.00	36.42 2.46 -10.22	27.99 2.44 0.00	41.67 3.04 -6.06	54.99 3.31 -18.89	37.98 3.37 0.00	72.73 3.92 -31.93	69.29 3.81 -31.51	294.08 3.34 -259.87	78.93 4.23 -35.35	139.73 5.72 -85.05	68.32 5.25 -17.12	130.07 13.07 -0.75	113.96 10.67 -12.82	704.29 4.96 -656.07	57.92 4.06 -17.19	38.68 3.31 0.00
NYPA_GOWANUS____GT5 24156	33.46 1.76 0.00	30.94 1.71 0.00	29.15 1.58 0.00	28.00 1.48 0.00	22.92 1.24 0.00	20.20 1.06 0.00	22.71 1.27 0.00	21.21 1.43 0.00	25.37 1.63 0.00	27.32 1.77 0.00	34.66 2.10 0.00	35.19 2.40 0.00	37.26 2.66 0.00	39.94 3.07 0.00	37.00 3.04 0.00	33.61 2.74 0.00	42.87 3.52 0.00	53.48 4.52 0.00	50.07 4.12 0.00	125.89 9.64 0.00	98.39 7.93 0.00	47.08 3.82 0.00	39.69 3.01 0.00	37.79 2.41 0.00
NYPA_GOWANUS____GT6 24157	33.46 1.76 0.00	30.94 1.71 0.00	29.15 1.58 0.00	28.00 1.48 0.00	22.92 1.24 0.00	20.20 1.06 0.00	22.71 1.27 0.00	21.21 1.43 0.00	25.37 1.63 0.00	27.32 1.77 0.00	34.66 2.10 0.00	35.19 2.40 0.00	37.26 2.66 0.00	39.94 3.07 0.00	37.00 3.04 0.00	33.61 2.74 0.00	42.87 3.52 0.00	53.48 4.52 0.00	50.07 4.12 0.00	125.89 9.64 0.00	98.39 7.93 0.00	47.08 3.82 0.00	39.69 3.01 0.00	37.79 2.41 0.00
NYPA_HARLEM_RVR_GT1 24160	33.33 1.63 0.00	30.79 1.55 0.00	29.03 1.47 0.00	27.88 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.21 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.51 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.73 2.85 0.00	36.78 2.81 0.00	33.42 2.55 0.00	42.61 3.26 0.00	53.18 4.22 0.00	49.79 3.84 0.00	125.20 8.96 0.00	97.76 7.30 0.00	46.78 3.52 0.00	39.49 2.81 0.00	37.62 2.25 0.00
NYPA_HARLEM_RVR_GT2 24161	33.33 1.63 0.00	30.79 1.55 0.00	29.03 1.47 0.00	27.88 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.21 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.51 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.73 2.85 0.00	36.78 2.81 0.00	33.42 2.55 0.00	42.61 3.26 0.00	53.18 4.22 0.00	49.79 3.84 0.00	125.20 8.96 0.00	97.76 7.30 0.00	46.78 3.52 0.00	39.49 2.81 0.00	37.62 2.25 0.00
NYPA_KENT____GT 24152	33.44 1.74 0.00	30.91 1.67 0.00	29.12 1.55 0.00	27.97 1.45 0.00	22.91 1.23 0.00	20.19 1.05 0.00	22.69 1.25 0.00	21.19 1.42 0.00	25.35 1.61 0.00	27.31 1.76 0.00	34.66 2.10 0.00	35.19 2.40 0.00	37.24 2.63 0.00	39.90 3.03 0.00	36.97 3.00 0.00	33.57 2.70 0.00	42.83 3.48 0.00	53.39 4.44 0.00	49.97 4.03 0.00	125.64 9.39 0.00	98.14 7.67 0.00	47.00 3.75 0.00	39.63 2.95 0.00	37.74 2.37 0.00
NYPA_POUCH1____GT 24155	33.42 1.72 0.00	30.94 1.71 0.00	29.15 1.58 0.00	28.00 1.48 0.00	22.91 1.23 0.00	20.18 1.04 0.00	22.69 1.25 0.00	21.19 1.41 0.00	25.32 1.58 0.00	27.24 1.69 0.00	34.53 1.99 0.02	35.01 2.31 0.09	36.96 2.55 0.20	39.81 2.96 0.03	36.91 2.95 0.00	33.52 2.65 0.00	42.74 3.39 0.00	53.31 4.36 0.00	49.99 4.04 0.00	125.68 9.43 0.00	98.23 7.76 0.00	47.04 3.79 0.00	39.63 2.95 0.01	37.72 2.35 0.01
NYPA_VERNON____GT2 24162	33.39 1.69 0.00	30.86 1.62 0.00	29.07 1.50 0.00	27.93 1.41 0.00	22.88 1.20 0.00	20.16 1.02 0.00	22.66 1.22 0.00	21.17 1.40 0.00	25.33 1.59 0.00	27.30 1.74 0.00	34.64 2.08 0.00	35.16 2.37 0.00	37.20 2.59 0.00	39.85 2.97 0.00	36.91 2.94 0.00	33.52 2.65 0.00	42.76 3.41 0.00	53.35 4.39 0.00	49.91 3.96 0.00	125.49 9.25 0.00	97.94 7.48 0.00	46.89 3.63 0.00	39.56 2.88 0.00	37.68 2.30 0.00

NYPY_VERNON____GT3 24163	33.39 1.69 0.00	30.86 1.62 0.00	29.07 1.50 0.00	27.93 1.41 0.00	22.88 1.20 0.00	20.16 1.02 0.00	22.66 1.22 0.00	21.17 1.40 0.00	25.33 1.59 0.00	27.30 1.74 0.00	34.64 2.08 0.00	35.16 2.37 0.00	37.20 2.59 0.00	39.85 2.97 0.00	36.91 2.94 0.00	33.52 2.65 0.00	42.76 3.41 0.00	53.35 4.39 0.00	49.91 3.96 0.00	125.49 9.25 0.00	97.94 7.48 0.00	46.89 3.63 0.00	39.56 2.88 0.00	37.68 2.30 0.00
NYPY____ASTORIA_CC1 323568	33.34 1.64 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.47 2.60 0.00	42.69 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
NYPY____ASTORIA_CC2 323569	33.34 1.64 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.62 1.19 0.00	21.13 1.36 0.00	25.29 1.54 0.00	27.24 1.69 0.00	34.58 2.02 0.00	35.10 2.31 0.00	37.13 2.53 0.00	39.78 2.90 0.00	36.84 2.87 0.00	33.47 2.60 0.00	42.69 3.35 0.00	53.26 4.30 0.00	49.84 3.89 0.00	125.28 9.03 0.00	97.77 7.31 0.00	46.81 3.56 0.00	39.50 2.82 0.00	37.63 2.26 0.00
NYPY____HOLTSVILL 23794	35.11 2.78 -0.63	32.67 2.68 -0.76	36.11 2.61 -5.94	28.92 2.40 0.00	23.67 1.99 0.00	20.80 1.66 0.00	23.45 2.01 0.00	21.82 2.04 0.00	73.67 2.44 -47.48	27.83 2.28 0.00	41.38 2.76 -6.06	54.82 3.14 -18.89	37.68 3.08 0.00	72.45 3.64 -31.93	69.02 3.54 -31.51	293.95 3.21 -259.87	177.31 4.20 -133.76	139.49 5.48 -85.06	68.07 4.99 -17.13	129.28 12.27 -0.76	117.70 10.12 -17.11	708.42 4.81 -660.35	57.65 3.78 -17.19	38.42 3.04 0.00
NYPY____HELLGATE_GT1 24158	33.33 1.63 0.00	30.79 1.55 0.00	29.03 1.47 0.00	27.88 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.21 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.51 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.73 2.85 0.00	36.78 2.81 0.00	33.41 2.55 0.00	42.61 3.26 0.00	53.18 4.22 0.00	49.79 3.84 0.00	125.20 8.96 0.00	97.76 7.30 0.00	46.78 3.52 0.00	39.49 2.81 0.00	37.62 2.25 0.00
NYPY____HELLGATE_GT2 24159	33.33 1.63 0.00	30.79 1.55 0.00	29.03 1.47 0.00	27.88 1.36 0.00	22.87 1.19 0.00	20.14 1.00 0.00	22.64 1.21 0.00	21.15 1.38 0.00	25.28 1.54 0.00	27.24 1.68 0.00	34.51 1.94 0.00	35.03 2.24 0.00	37.05 2.45 0.00	39.73 2.85 0.00	36.78 2.81 0.00	33.41 2.55 0.00	42.61 3.26 0.00	53.18 4.22 0.00	49.79 3.84 0.00	125.20 8.96 0.00	97.76 7.30 0.00	46.78 3.52 0.00	39.49 2.81 0.00	37.62 2.25 0.00
NYS_BARGE____HYD 23848	31.97 0.27 0.00	29.12 -0.12 0.00	27.57 0.01 0.00	26.41 -0.11 0.00	21.50 -0.18 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.91 0.17 0.00	25.42 -0.14 0.00	32.50 -0.06 0.00	32.47 -0.32 0.00	33.99 -0.62 0.00	35.78 -1.10 0.00	32.61 -1.35 0.00	29.57 -1.30 0.00	37.35 -2.00 0.00	46.00 -2.95 0.00	43.37 -2.58 0.00	109.25 -6.99 0.00	85.08 -5.39 0.00	41.40 -1.86 0.00	35.53 -1.15 0.00	34.71 -0.66 0.00
OAK ORCHARD____HYD 24046	32.14 0.45 0.00	29.38 0.14 0.00	27.74 0.17 0.00	26.59 0.07 0.00	21.66 -0.02 0.00	19.16 0.02 0.00	21.39 -0.05 0.00	19.92 0.14 0.00	24.05 0.31 0.00	25.75 0.20 0.00	32.95 0.38 0.00	33.03 0.24 0.00	34.72 0.11 0.00	36.76 -0.12 0.00	33.67 -0.30 0.00	30.52 -0.35 0.00	38.69 -0.66 0.00	47.92 -1.04 0.00	45.07 -0.87 0.00	113.76 -2.49 0.00	88.52 -1.95 0.00	42.66 -0.60 0.00	36.34 -0.34 0.00	35.21 -0.16 0.00
OAKDALE__35_KV_LOAD 356122	32.95 0.43 -0.82	29.86 0.28 -0.35	27.83 0.27 0.00	26.90 0.25 -0.13	21.88 0.15 -0.05	19.30 0.16 0.00	21.64 0.20 0.00	20.16 0.38 0.00	24.18 0.44 0.00	26.01 0.42 -0.04	33.43 0.55 -0.31	33.50 0.38 -0.33	36.09 0.47 -1.01	38.49 0.39 -1.22	35.33 0.34 -1.02	31.96 0.29 -0.81	41.14 0.39 -1.40	51.50 0.47 -2.08	48.24 0.39 -1.90	120.28 1.05 -2.98	93.70 0.75 -2.49	43.72 0.33 -0.13	36.92 0.24 0.00	35.61 0.23 0.00
OCC_CHEM____DRP 24175	31.37 -0.33 0.00	28.69 -0.55 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.54 -0.20 0.00	25.00 -0.56 0.00	31.93 -0.63 0.00	31.89 -0.90 0.00	33.36 -1.24 0.00	34.96 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.43 -2.92 0.00	44.86 -4.09 0.00	42.28 -3.67 0.00	106.41 -9.84 0.00	82.92 -7.55 0.00	40.41 -2.85 0.00	34.73 -1.95 0.00	34.11 -1.26 0.00
OH_GEN_PROXY 24063	31.57 -0.12 0.00	28.81 -0.43 0.00	27.27 -0.29 0.00	26.15 -0.37 0.00	21.26 -0.42 0.00	18.83 -0.30 0.00	20.97 -0.46 0.00	19.57 -0.20 0.00	23.66 -0.08 0.00	25.15 -0.40 0.00	32.14 -0.42 0.00	32.07 -0.72 0.00	33.59 -1.02 0.00	35.36 -1.51 0.00	32.25 -1.72 0.00	29.24 -1.63 0.00	36.97 -2.37 0.00	45.62 -3.33 0.00	42.98 -2.97 0.00	108.35 -7.90 0.00	84.33 -6.13 0.00	40.95 -2.31 0.00	35.13 -1.55 0.00	34.32 -1.05 0.00
OLIN_CORP_DRP 24177	31.47 -0.23 0.00	28.67 -0.57 0.00	27.17 -0.40 0.00	26.03 -0.49 0.00	21.19 -0.49 0.00	18.76 -0.37 0.00	20.88 -0.55 0.00	19.46 -0.31 0.00	23.53 -0.21 0.00	24.99 -0.57 0.00	31.93 -0.63 0.00	31.91 -0.89 0.00	33.38 -1.23 0.00	35.13 -1.75 0.00	32.00 -1.96 0.00	29.03 -1.83 0.00	36.67 -2.68 0.00	45.15 -3.80 0.00	42.54 -3.40 0.00	107.11 -9.13 0.00	83.46 -7.00 0.00	40.65 -2.60 0.00	34.94 -1.74 0.00	34.17 -1.20 0.00
OLIN_CORP_DSASP 323712	31.37 -0.33 0.00	28.68 -0.56 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.55 -0.20 0.00	25.00 -0.55 0.00	31.93 -0.63 0.00	31.90 -0.90 0.00	33.36 -1.25 0.00	34.95 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.44 -2.91 0.00	44.85 -4.10 0.00	42.28 -3.67 0.00	106.47 -9.78 0.00	82.91 -7.55 0.00	40.39 -2.86 0.00	34.74 -1.94 0.00	34.11 -1.26 0.00
ONEIDA_HERK_LFGE 323681	32.58 0.47 -0.42	29.76 0.34 -0.18	27.91 0.35 0.00	27.00 0.41 -0.07	22.09 0.38 -0.03	19.49 0.36 0.00	21.85 0.41 0.00	20.23 0.45 0.00	24.36 0.62 0.00	26.26 0.69 -0.02	33.63 0.91 -0.16	33.88 0.92 -0.17	36.08 0.96 -0.51	38.41 0.91 -0.62	35.28 0.79 -0.52	32.01 0.73 -0.41	41.08 1.02 -0.71	51.40 1.38 -1.07	48.34 1.42 -0.97	121.41 3.64 -1.52	94.54 2.81 -1.27	44.63 1.31 -0.07	37.70 1.02 0.00	36.28 0.91 0.00
ONEIDA____115KV_TB4 55905	33.07 0.73 -0.64	30.07 0.56 -0.27	28.10 0.54 0.00	27.13 0.51 -0.10	22.12 0.40 -0.04	19.54 0.40 0.00	21.90 0.47 0.00	20.31 0.53 0.00	24.45 0.70 0.00	26.35 0.76 -0.03	33.79 0.99 -0.24	34.02 0.97 -0.25	36.43 1.04 -0.79	38.86 1.03 -0.95	35.68 0.92 -0.79	32.36 0.86 -0.63	41.62 1.18 -1.09	52.16 1.58 -1.63	48.97 1.54 -1.49	122.47 3.90 -2.32	95.41 3.01 -1.94	44.69 1.33 -0.10	37.72 1.04 0.00	36.28 0.91 0.00

ONONDAGA_REF_OCCRA 23987	33.18 0.02 -1.46	29.75 -0.10 -0.61	27.47 -0.10 0.00	26.65 -0.11 -0.23	21.66 -0.12 -0.10	19.07 -0.08 0.00	21.36 -0.08 0.00	19.82 0.04 0.00	23.82 0.08 0.00	25.70 0.07 -0.07	33.24 0.13 -0.55	33.44 0.07 -0.57	36.50 0.11 -1.78	39.08 0.05 -2.16	35.78 0.01 -1.80	32.28 -0.01 -1.42	41.83 0.01 -2.47	52.66 0.01 -3.69	49.29 -0.02 -3.37	121.42 -0.10 -5.27	94.74 -0.13 -4.40	43.37 -0.12 -0.24	36.54 -0.14 0.00	35.19 -0.18 0.00
ONONDAGA___COGEN 23986	33.90 -0.03 -2.24	30.02 -0.16 -0.94	27.43 -0.14 0.00	26.73 -0.16 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.22 0.02 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.57 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.18 -0.36	36.50 -0.18 0.00	35.15 -0.22 0.00
ONTARIO___LFGE 23819	33.00 0.59 -0.71	29.88 0.35 -0.30	28.02 0.46 0.00	27.02 0.38 -0.11	21.95 0.22 -0.05	19.40 0.26 0.00	21.72 0.29 0.00	20.27 0.49 0.00	24.38 0.64 0.00	26.14 0.55 -0.04	33.50 0.67 -0.27	33.63 0.55 -0.28	36.13 0.66 -0.87	38.46 0.53 -1.05	35.27 0.42 -0.88	31.89 0.33 -0.70	40.95 0.39 -1.21	51.22 0.46 -1.80	48.02 0.43 -1.65	119.87 1.05 -2.57	93.35 0.74 -2.15	43.74 0.37 -0.11	36.96 0.28 0.00	35.68 0.30 0.00
ORANGEVILLE_WT_PWR 323706	32.19 0.49 0.00	29.42 0.18 0.00	27.85 0.28 0.00	26.72 0.20 0.00	21.73 0.05 0.00	19.25 0.11 0.00	21.47 0.04 0.00	20.08 0.30 0.00	24.22 0.48 0.00	25.86 0.30 0.00	33.05 0.48 0.00	32.97 0.18 0.00	34.67 0.06 0.00	36.54 -0.33 0.00	33.42 -0.55 0.00	30.31 -0.56 0.00	38.43 -0.92 0.00	47.52 -1.43 0.00	44.70 -1.25 0.00	112.91 -3.33 0.00	87.86 -2.60 0.00	42.46 -0.81 0.00	36.23 -0.45 0.00	35.27 -0.10 0.00
ORANGEVILLE___ESR 323794	32.19 0.49 0.00	29.42 0.18 0.00	27.85 0.28 0.00	26.72 0.20 0.00	21.73 0.05 0.00	19.25 0.11 0.00	21.47 0.04 0.00	20.08 0.30 0.00	24.22 0.48 0.00	25.86 0.30 0.00	33.05 0.48 0.00	32.97 0.18 0.00	34.67 0.06 0.00	36.54 -0.33 0.00	33.42 -0.55 0.00	30.31 -0.56 0.00	38.43 -0.92 0.00	47.52 -1.43 0.00	44.70 -1.25 0.00	112.91 -3.33 0.00	87.86 -2.60 0.00	42.46 -0.81 0.00	36.23 -0.45 0.00	35.27 -0.10 0.00
OSWEGATCHIE___HYD 24044	32.26 -0.26 -0.83	29.30 -0.28 -0.35	27.34 -0.22 0.00	26.63 -0.02 -0.13	21.84 0.11 -0.05	19.20 0.07 0.00	21.50 0.06 0.00	19.72 -0.05 0.00	23.74 0.00 0.00	25.63 0.03 -0.04	33.02 0.15 -0.31	33.23 0.11 -0.33	35.71 0.08 -1.02	38.08 -0.03 -1.23	34.76 -0.24 -1.03	31.64 -0.04 -0.81	40.77 0.01 -1.41	51.09 0.04 -2.11	48.17 0.30 -1.92	120.12 0.87 -3.00	93.85 0.87 -2.51	43.94 0.54 -0.13	37.15 0.47 0.00	35.96 0.59 0.00
OSWEGO___5 23606	40.29 -0.66 -9.25	32.44 -0.69 -3.90	26.93 -0.64 0.00	27.37 -0.63 -1.48	21.76 -0.53 -0.61	18.70 -0.44 0.00	20.94 -0.50 0.00	19.39 -0.38 0.00	23.30 -0.45 0.00	25.53 -0.49 -0.47	35.43 -0.61 -3.48	35.79 -0.65 -3.65	45.25 -0.67 -11.31	49.83 -0.77 -13.73	44.68 -0.74 -11.44	39.23 -0.68 -9.04	54.15 -0.88 -15.69	71.27 -1.12 -23.43	66.30 -1.05 -21.40	146.99 -2.71 -33.45	116.31 -2.11 -27.96	43.71 -1.05 -1.50	35.80 -0.88 0.00	34.51 -0.87 0.00
OSWEGO___6 23613	40.29 -0.66 -9.25	32.44 -0.69 -3.90	26.93 -0.64 0.00	27.37 -0.63 -1.48	21.76 -0.53 -0.61	18.70 -0.44 0.00	20.94 -0.50 0.00	19.39 -0.38 0.00	23.30 -0.45 0.00	25.53 -0.49 -0.47	35.43 -0.61 -3.48	35.79 -0.65 -3.65	45.25 -0.67 -11.31	49.83 -0.77 -13.73	44.68 -0.74 -11.44	39.23 -0.68 -9.04	54.15 -0.88 -15.69	71.27 -1.12 -23.43	66.30 -1.05 -21.40	146.99 -2.71 -33.45	116.31 -2.11 -27.96	43.71 -1.05 -1.50	35.80 -0.88 0.00	34.51 -0.87 0.00
OUTOKUMPU-AB___DRP 24206	32.20 0.51 0.00	29.38 0.14 0.00	27.80 0.23 0.00	26.64 0.11 0.00	21.67 -0.01 0.00	19.19 0.06 0.00	21.37 -0.07 0.00	19.94 0.17 0.00	24.12 0.38 0.00	25.66 0.11 0.00	32.81 0.25 0.00	32.77 -0.02 0.00	34.33 -0.27 0.00	36.08 -0.80 0.00	32.86 -1.11 0.00	29.80 -1.07 0.00	37.66 -1.69 0.00	46.42 -2.54 0.00	43.72 -2.23 0.00	110.13 -6.12 0.00	85.77 -4.70 0.00	41.72 -1.54 0.00	35.78 -0.90 0.00	35.00 -0.38 0.00
OXBOW____ 24026	31.90 0.20 0.00	29.12 -0.11 0.00	27.57 0.01 0.00	26.41 -0.11 0.00	21.49 -0.19 0.00	19.03 -0.10 0.00	21.18 -0.25 0.00	19.76 -0.02 0.00	23.91 0.17 0.00	25.42 -0.14 0.00	32.49 -0.07 0.00	32.45 -0.34 0.00	33.97 -0.64 0.00	35.64 -1.23 0.00	32.45 -1.52 0.00	29.44 -1.43 0.00	37.20 -2.15 0.00	45.79 -3.16 0.00	43.16 -2.79 0.00	108.69 -7.56 0.00	84.63 -5.84 0.00	41.21 -2.05 0.00	35.37 -1.31 0.00	34.67 -0.70 0.00
OXY_CHEM_DSASP 323612	31.37 -0.33 0.00	28.69 -0.55 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.54 -0.20 0.00	25.00 -0.56 0.00	31.93 -0.63 0.00	31.89 -0.90 0.00	33.36 -1.24 0.00	34.96 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.43 -2.92 0.00	44.86 -4.09 0.00	42.28 -3.67 0.00	106.41 -9.84 0.00	82.92 -7.55 0.00	40.41 -2.85 0.00	34.73 -1.95 0.00	34.11 -1.26 0.00
OZONE_PARK_ESR 323760	33.67 1.97 0.00	31.09 1.85 0.00	29.28 1.71 0.00	28.12 1.60 0.00	23.02 1.34 0.00	20.30 1.16 0.00	22.82 1.38 0.00	21.31 1.54 0.00	25.53 1.79 0.00	27.52 1.97 0.00	34.95 2.39 0.00	35.47 2.68 0.00	37.53 2.93 0.00	40.20 3.32 0.00	37.22 3.26 0.00	33.82 2.95 0.00	43.19 3.84 0.00	53.90 4.95 0.00	50.39 4.44 0.00	126.81 10.56 0.00	98.95 8.48 0.00	47.34 4.08 0.00	39.95 3.27 0.00	38.05 2.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.37 -0.33 0.00	28.69 -0.55 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.54 -0.20 0.00	25.00 -0.56 0.00	31.93 -0.63 0.00	31.89 -0.90 0.00	33.36 -1.24 0.00	34.96 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.43 -2.92 0.00	44.86 -4.09 0.00	42.28 -3.67 0.00	106.41 -9.84 0.00	82.92 -7.55 0.00	40.41 -2.85 0.00	34.73 -1.95 0.00	34.11 -1.26 0.00
PACKARD___115KV_DUPONT_184 80571	31.37 -0.33 0.00	28.69 -0.55 0.00	27.16 -0.40 0.00	26.03 -0.49 0.00	21.18 -0.50 0.00	18.75 -0.38 0.00	20.87 -0.57 0.00	19.46 -0.31 0.00	23.54 -0.20 0.00	25.00 -0.56 0.00	31.93 -0.63 0.00	31.89 -0.90 0.00	33.36 -1.24 0.00	34.96 -1.92 0.00	31.80 -2.17 0.00	28.86 -2.01 0.00	36.43 -2.92 0.00	44.86 -4.09 0.00	42.28 -3.67 0.00	106.41 -9.84 0.00	82.92 -7.55 0.00	40.41 -2.85 0.00	34.73 -1.95 0.00	34.11 -1.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.34 1.64 0.00	30.80 1.57 0.00	29.04 1.48 0.00	27.90 1.38 0.00	22.88 1.20 0.00	20.14 1.01 0.00	22.64 1.20 0.00	21.14 1.37 0.00	25.29 1.54 0.00	27.22 1.67 0.00	34.53 1.97 0.00	35.06 2.27 0.00	37.05 2.44 0.00	39.70 2.82 0.00	36.75 2.78 0.00	33.41 2.55 0.00	42.62 3.27 0.00	53.17 4.21 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.75 7.29 0.00	46.76 3.50 0.00	39.45 2.77 0.00	37.59 2.22 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.55 1.85 0.00	31.02 1.78 0.00	29.25 1.68 0.00	28.11 1.58 0.00	23.03 1.35 0.00	20.28 1.14 0.00	22.80 1.37 0.00	21.28 1.51 0.00	25.45 1.71 0.00	27.42 1.87 0.00	34.82 2.26 0.00	35.34 2.55 0.00	37.36 2.76 0.00	40.04 3.16 0.00	37.08 3.11 0.00	33.71 2.84 0.00	42.99 3.64 0.00	53.60 4.64 0.00	50.17 4.23 0.00	126.16 9.90 0.00	98.53 8.06 0.00	47.14 3.89 0.00	39.78 3.10 0.00	37.91 2.53 0.00
PATROON__115KV_TB1 80586	32.58 0.88 0.00	30.04 0.80 0.00	28.29 0.72 0.00	27.25 0.73 0.00	22.31 0.63 0.00	19.68 0.55 0.00	22.06 0.63 0.00	20.47 0.69 0.00	24.53 0.79 0.00	26.43 0.88 0.00	33.62 1.06 0.00	33.94 1.15 0.00	35.81 1.20 0.00	38.12 1.25 0.00	35.15 1.18 0.00	31.91 1.04 0.00	40.70 1.36 0.00	50.72 1.76 0.00	47.56 1.61 0.00	120.49 4.24 0.00	93.62 3.16 0.00	44.74 1.48 0.00	37.93 1.25 0.00	36.32 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.45 0.75 0.00	29.57 0.34 0.00	27.96 0.40 0.00	26.81 0.29 0.00	21.79 0.11 0.00	19.30 0.16 0.00	21.52 0.09 0.00	20.12 0.34 0.00	24.31 0.57 0.00	25.92 0.37 0.00	33.15 0.59 0.00	33.04 0.25 0.00	34.71 0.11 0.00	36.58 -0.30 0.00	33.40 -0.57 0.00	30.25 -0.62 0.00	38.30 -1.05 0.00	47.33 -1.62 0.00	44.52 -1.42 0.00	112.43 -3.81 0.00	87.52 -2.95 0.00	42.37 -0.89 0.00	36.22 -0.46 0.00	35.29 -0.08 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.49 1.80 0.00	30.90 1.66 0.00	29.11 1.54 0.00	27.97 1.45 0.00	22.90 1.22 0.00	20.19 1.05 0.00	22.69 1.26 0.00	21.17 1.40 0.00	25.38 1.64 0.00	27.33 1.78 0.00	34.79 2.23 0.00	35.23 2.44 0.00	37.25 2.65 0.00	39.84 2.97 0.00	36.88 2.92 0.00	33.57 2.70 0.00	42.90 3.55 0.00	53.55 4.59 0.00	50.15 4.20 0.00	126.32 10.07 0.00	98.35 7.89 0.00	46.97 3.72 0.00	39.61 2.93 0.00	37.76 2.39 0.00
PEEKSKILL____ 23653	33.13 1.43 0.00	30.58 1.34 0.00	28.80 1.24 0.00	27.68 1.16 0.00	22.66 0.98 0.00	19.97 0.83 0.00	22.45 1.01 0.00	20.95 1.17 0.00	25.09 1.35 0.00	27.01 1.46 0.00	34.36 1.79 0.00	34.81 2.02 0.00	36.82 2.22 0.00	39.39 2.52 0.00	36.45 2.49 0.00	33.13 2.26 0.00	42.32 2.97 0.00	52.81 3.85 0.00	49.42 3.47 0.00	124.46 8.21 0.00	96.97 6.51 0.00	46.38 3.12 0.00	39.13 2.45 0.00	37.30 1.93 0.00
PGE MADISON__WINDPWR 24146	34.89 2.29 -0.91	31.44 1.82 -0.38	29.27 1.71 0.00	28.22 1.55 -0.14	23.02 1.28 -0.06	20.44 1.30 0.00	22.95 1.52 0.00	21.43 1.65 0.00	25.82 2.08 0.00	27.86 2.25 -0.05	35.90 3.00 -0.34	35.94 2.79 -0.36	38.62 2.91 -1.11	41.53 3.31 -1.35	38.05 2.96 -1.12	34.42 2.67 -0.88	44.65 3.77 -1.54	56.19 4.94 -2.30	52.67 4.63 -2.10	131.22 11.69 -3.28	102.17 8.97 -2.74	47.44 4.03 -0.15	39.91 3.22 0.00	38.28 2.91 0.00
PIERCEFIELD__HYD 23852	32.16 0.04 -0.42	29.52 0.11 -0.18	27.69 0.12 0.00	26.75 0.16 -0.07	21.87 0.16 -0.03	19.24 0.11 0.00	21.53 0.10 0.00	19.58 -0.20 0.00	23.56 -0.18 0.00	25.42 -0.16 -0.02	32.58 -0.14 -0.16	32.77 -0.19 -0.17	34.90 -0.22 -0.51	37.29 -0.21 -0.62	34.16 -0.33 -0.52	31.16 -0.12 -0.41	39.92 -0.14 -0.71	49.85 -0.17 -1.07	46.90 -0.02 -0.97	117.85 0.08 -1.52	91.90 0.17 -1.27	43.53 0.20 -0.07	36.90 0.21 0.00	35.94 0.57 0.00
PINELAWN_CC_1 323563	34.91 2.58 -0.63	32.44 2.45 -0.76	35.85 2.34 -5.94	28.69 2.17 0.00	23.48 1.81 0.00	20.64 1.50 0.00	23.26 1.83 0.00	21.65 1.87 0.00	29.14 2.22 -3.18	27.76 2.20 0.00	41.39 2.77 -6.06	54.69 3.02 -18.89	37.72 3.12 0.00	72.42 3.60 -31.93	69.04 3.56 -31.51	294.01 3.27 -259.87	63.35 4.12 -19.88	139.46 5.45 -85.05	68.08 5.01 -17.12	129.05 12.04 -0.75	112.47 9.86 -12.15	703.33 4.67 -655.40	57.65 3.78 -17.19	38.45 3.08 0.00
PJM_GEN_HTP_PROXY 323702	33.26 1.56 0.00	30.71 1.48 0.00	28.93 1.37 0.00	27.80 1.28 0.00	22.76 1.08 0.00	20.07 0.93 0.00	22.56 1.12 0.00	21.07 1.29 0.00	25.23 1.49 0.00	27.17 1.62 0.00	34.52 1.95 0.00	35.01 2.22 0.00	37.03 2.42 0.00	39.40 2.76 0.24	36.69 2.73 0.00	33.33 2.46 0.00	42.56 3.21 0.00	53.13 4.18 0.00	49.68 3.74 0.00	125.05 8.80 0.00	97.52 7.06 0.00	47.86 3.41 -1.20	45.14 2.69 -5.76	37.50 2.13 0.00
PJM_GEN_KEystone 24065	32.39 0.69 0.00	29.75 0.52 0.00	28.06 0.50 0.00	26.97 0.45 0.00	22.00 0.32 0.00	19.43 0.29 0.00	19.61 0.35 2.18	20.38 0.60 0.00	24.46 0.72 0.00	26.23 0.68 0.00	33.41 0.85 0.00	33.54 0.75 0.00	35.44 0.84 0.00	37.38 0.75 0.00	34.67 0.70 0.00	31.47 0.60 0.00	40.11 0.76 0.00	49.91 0.96 0.00	46.77 0.82 0.00	118.03 1.78 0.00	91.95 1.49 0.00	45.32 0.86 -1.20	43.11 0.67 -5.76	35.90 0.54 0.01
PJM_GEN_NEPTUNE_PROXY 323594	34.38 2.05 -0.63	31.94 1.95 -0.76	35.36 1.85 -5.94	28.24 1.72 0.00	23.13 1.45 0.00	20.33 1.20 0.00	22.91 1.47 0.00	21.32 1.54 0.00	25.54 1.80 0.00	27.34 1.79 0.00	40.93 2.30 -6.06	54.15 2.47 -18.89	37.21 2.61 0.00	71.62 3.05 -31.70	68.45 2.98 -31.51	293.44 2.71 -259.87	55.84 3.48 -13.01	138.59 4.58 -85.05	67.19 4.12 -17.12	126.76 9.76 -0.75	110.35 8.03 -11.85	703.41 3.85 -656.30	62.77 3.13 -22.96	37.88 2.51 0.00
PJM_GEN_VFT_PROXY 323633	33.09 1.39 0.00	30.56 1.32 0.00	28.79 1.22 0.00	27.66 1.14 0.00	22.65 0.97 0.00	19.97 0.83 0.00	22.45 1.01 0.00	20.97 1.19 0.00	25.11 1.36 0.00	27.05 1.50 0.00	34.31 1.75 0.00	34.84 2.05 0.00	36.84 2.23 0.00	39.13 2.55 0.30	36.51 2.54 0.00	33.17 2.30 0.00	42.35 3.00 0.00	52.88 3.92 0.00	49.43 3.49 0.00	124.37 8.12 0.00	97.02 6.56 0.00	47.66 3.20 -1.20	44.81 2.48 -5.64	37.18 1.93 0.12
PLATSBURG_115KV_PMLD1 355749	32.10 0.40 0.00	29.79 0.55 0.00	28.05 0.48 0.00	26.95 0.42 0.00	21.99 0.31 0.00	19.38 0.24 0.00	21.68 0.24 0.00	19.90 0.12 0.00	23.94 0.19 0.00	25.86 0.31 0.00	32.92 0.36 0.00	33.09 0.29 0.00	34.88 0.27 0.00	37.06 0.18 0.00	34.14 0.18 0.00	31.15 0.28 0.00	39.65 0.30 0.00	49.41 0.45 0.00	46.48 0.53 0.00	118.18 1.93 0.00	91.94 1.48 0.00	43.93 0.67 0.00	37.33 0.65 0.00	36.13 0.76 0.00
PLEASANTVLY__LBMP 24000	32.99 1.29 0.00	30.47 1.24 0.00	28.71 1.15 0.00	27.62 1.10 0.00	22.62 0.94 0.00	19.94 0.80 0.00	22.40 0.97 0.00	20.88 1.10 0.00	24.99 1.25 0.00	26.90 1.35 0.00	34.20 1.64 0.00	34.61 1.82 0.00	36.58 1.98 0.00	39.08 2.21 0.00	36.14 2.17 0.00	32.83 1.96 0.00	41.92 2.57 0.00	52.29 3.34 0.00	48.95 3.00 0.00	123.49 7.25 0.00	96.17 5.71 0.00	45.94 2.68 0.00	38.83 2.15 0.00	37.08 1.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.26 1.56 0.00	30.70 1.47 0.00	28.92 1.36 0.00	27.80 1.27 0.00	22.76 1.08 0.00	20.06 0.93 0.00	22.54 1.11 0.00	21.03 1.26 0.00	25.19 1.45 0.00	27.11 1.56 0.00	34.48 1.92 0.00	34.94 2.15 0.00	36.95 2.34 0.00	39.51 2.63 0.00	36.58 2.61 0.00	33.24 2.37 0.00	42.47 3.12 0.00	52.98 4.03 0.00	49.58 3.63 0.00	124.90 8.65 0.00	97.29 6.83 0.00	46.53 3.27 0.00	39.28 2.60 0.00	37.46 2.09 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.26 1.56 0.00	30.70 1.47 0.00	28.92 1.36 0.00	27.80 1.27 0.00	22.76 1.08 0.00	20.06 0.93 0.00	22.54 1.11 0.00	21.03 1.26 0.00	25.19 1.45 0.00	27.11 1.56 0.00	34.48 1.92 0.00	34.94 2.15 0.00	36.95 2.34 0.00	39.51 2.63 0.00	36.58 2.61 0.00	33.24 2.37 0.00	42.47 3.12 0.00	52.98 4.03 0.00	49.58 3.63 0.00	124.90 8.65 0.00	97.29 6.83 0.00	46.53 3.27 0.00	39.28 2.60 0.00	37.46 2.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.28 1.59 0.00	30.73 1.50 0.00	28.95 1.39 0.00	27.83 1.31 0.00	22.80 1.12 0.00	20.08 0.95 0.00	22.58 1.14 0.00	21.05 1.27 0.00	25.21 1.47 0.00	27.14 1.58 0.00	34.53 1.97 0.00	34.94 2.15 0.00	36.94 2.33 0.00	39.46 2.59 0.00	36.49 2.52 0.00	33.22 2.36 0.00	42.49 3.14 0.00	52.99 4.03 0.00	49.63 3.68 0.00	125.14 8.89 0.00	97.42 6.95 0.00	46.49 3.24 0.00	39.24 2.56 0.00	37.47 2.10 0.00
POLETTI____ 23519	33.22 1.52 0.00	30.68 1.45 0.00	28.91 1.34 0.00	27.78 1.26 0.00	22.76 1.08 0.00	20.06 0.93 0.00	22.56 1.12 0.00	21.06 1.29 0.00	25.21 1.47 0.00	27.16 1.61 0.00	34.47 1.91 0.00	34.98 2.19 0.00	37.00 2.40 0.00	39.61 2.74 0.00	36.69 2.72 0.00	33.32 2.46 0.00	42.55 3.20 0.00	53.12 4.16 0.00	49.67 3.73 0.00	124.98 8.73 0.00	97.52 7.05 0.00	46.66 3.40 0.00	39.36 2.68 0.00	37.49 2.12 0.00
POMONA____ESR 323819	33.14 1.44 0.00	30.56 1.32 0.00	28.78 1.22 0.00	27.66 1.14 0.00	22.63 0.95 0.00	19.95 0.81 0.00	22.42 0.99 0.00	20.94 1.16 0.00	25.08 1.34 0.00	27.00 1.45 0.00	34.39 1.82 0.00	34.84 2.05 0.00	36.88 2.27 0.00	39.45 2.57 0.00	36.53 2.56 0.00	33.20 2.34 0.00	42.42 3.07 0.00	52.94 3.98 0.00	49.53 3.58 0.00	124.68 8.43 0.00	97.13 6.67 0.00	46.46 3.20 0.00	39.17 2.49 0.00	37.32 1.95 0.00
PORT_JEFF_3 23555	35.23 2.90 -0.63	32.77 2.77 -0.76	36.19 2.69 -5.94	29.00 2.48 0.00	23.74 2.05 0.00	20.85 1.72 0.00	23.51 2.07 0.00	21.87 2.10 0.00	75.37 2.52 -49.11	27.91 2.35 0.00	41.50 2.88 -6.06	54.96 3.28 -18.89	37.82 3.22 0.00	72.62 3.81 -31.93	69.19 3.71 -31.51	294.11 3.37 -259.87	189.27 4.43 -145.49	139.75 5.73 -85.06	68.31 5.23 -17.13	129.86 12.85 -0.76	118.70 10.62 -17.62	709.13 5.02 -660.86	57.82 3.95 -17.19	38.56 3.19 0.00
PORT_JEFF_4 23616	35.23 2.90 -0.63	32.77 2.77 -0.76	36.19 2.69 -5.94	29.00 2.48 0.00	23.74 2.05 0.00	20.85 1.72 0.00	23.51 2.07 0.00	21.87 2.10 0.00	75.37 2.52 -49.11	27.91 2.35 0.00	41.50 2.88 -6.06	54.96 3.28 -18.89	37.82 3.22 0.00	72.62 3.81 -31.93	69.19 3.71 -31.51	294.11 3.37 -259.87	189.27 4.43 -145.49	139.75 5.73 -85.06	68.31 5.23 -17.13	129.86 12.85 -0.76	118.70 10.62 -17.62	709.13 5.02 -660.86	57.82 3.95 -17.19	38.56 3.19 0.00
PORT_JEFF_IC 23713	35.29 2.96 -0.63	32.81 2.82 -0.76	36.23 2.73 -5.94	29.04 2.52 0.00	23.76 2.08 0.00	20.88 1.74 0.00	23.55 2.11 0.00	21.91 2.13 0.00	81.55 2.56 -55.24	27.95 2.39 0.00	41.55 2.93 -6.06	55.04 3.36 -18.89	37.89 3.28 0.00	72.70 3.89 -31.93	69.28 3.80 -31.51	294.23 3.49 -259.87	230.55 4.58 -186.62	139.91 5.90 -85.06	68.46 5.38 -17.13	130.21 13.19 -0.76	120.77 10.89 -19.42	711.04 5.14 -662.64	57.90 4.03 -17.19	38.61 3.24 0.00
PPL PILGRIM_ST_GT1 24216	35.23 2.90 -0.63	32.74 2.75 -0.76	36.16 2.65 -5.94	28.99 2.47 0.00	23.72 2.04 0.00	20.84 1.71 0.00	23.50 2.06 0.00	21.84 2.07 0.00	36.42 2.46 -10.22	27.99 2.44 0.00	41.67 3.04 -6.06	54.99 3.31 -18.89	37.98 3.37 0.00	72.73 3.92 -31.93	69.29 3.81 -31.51	294.08 3.34 -259.87	78.93 4.23 -35.35	139.73 5.72 -85.05	68.32 5.25 -17.12	130.07 13.07 -0.75	113.96 10.67 -12.82	704.29 4.96 -656.07	57.92 4.06 -17.19	38.68 3.31 0.00
PPL PILGRIM_ST_GT2 24217	35.23 2.90 -0.63	32.74 2.75 -0.76	36.16 2.65 -5.94	28.99 2.47 0.00	23.72 2.04 0.00	20.84 1.71 0.00	23.50 2.06 0.00	21.84 2.07 0.00	36.42 2.46 -10.22	27.99 2.44 0.00	41.67 3.04 -6.06	54.99 3.31 -18.89	37.98 3.37 0.00	72.73 3.92 -31.93	69.29 3.81 -31.51	294.08 3.34 -259.87	78.93 4.23 -35.35	139.73 5.72 -85.05	68.32 5.25 -17.12	130.07 13.07 -0.75	113.96 10.67 -12.82	704.29 4.96 -656.07	57.92 4.06 -17.19	38.68 3.31 0.00
PPL_SHRM_GT3 24213	35.59 3.26 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	76.30 2.78 -49.77	27.80 2.25 0.00	41.30 2.68 -6.06	55.07 3.39 -18.89	37.63 3.02 0.00	72.51 3.70 -31.93	68.99 3.51 -31.51	293.51 2.77 -259.87	196.18 4.31 -152.52	139.40 5.39 -85.06	67.90 4.83 -17.13	129.97 12.96 -0.76	119.40 11.00 -17.93	709.72 5.30 -661.16	57.79 3.92 -17.19	38.44 3.07 0.00
PPL_SHRM_GT4 24214	35.59 3.26 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	76.30 2.78 -49.77	27.80 2.25 0.00	41.30 2.68 -6.06	55.07 3.39 -18.89	37.63 3.02 0.00	72.51 3.70 -31.93	68.99 3.51 -31.51	293.51 2.77 -259.87	196.18 4.31 -152.52	139.40 5.39 -85.06	67.90 4.83 -17.13	129.97 12.96 -0.76	119.40 11.00 -17.93	709.72 5.30 -661.16	57.79 3.92 -17.19	38.44 3.07 0.00
PROJECT___ORANGE 1 24174	32.74 -0.16 -1.20	29.47 -0.27 -0.50	27.31 -0.25 0.00	26.45 -0.26 -0.19	21.52 -0.24 -0.08	18.96 -0.18 0.00	21.23 -0.20 0.00	19.70 -0.08 0.00	23.68 -0.06 0.00	25.53 -0.08 -0.06	32.96 -0.05 -0.45	33.16 -0.11 -0.47	35.99 -0.08 -1.47	38.45 -0.20 -1.78	35.22 -0.23 -1.48	31.81 -0.23 -1.17	41.10 -0.28 -2.03	51.61 -0.38 -3.04	48.32 -0.39 -2.77	119.50 -1.08 -4.33	93.24 -0.85 -3.62	43.01 -0.45 -0.19	36.28 -0.40 0.00	34.95 -0.42 0.00
PROJECT___ORANGE 2 24166	32.74 -0.16 -1.20	29.47 -0.27 -0.50	27.31 -0.25 0.00	26.45 -0.26 -0.19	21.52 -0.24 -0.08	18.96 -0.18 0.00	21.23 -0.20 0.00	19.70 -0.08 0.00	23.68 -0.06 0.00	25.53 -0.08 -0.06	32.96 -0.05 -0.45	33.16 -0.11 -0.47	35.99 -0.08 -1.47	38.45 -0.20 -1.78	35.22 -0.23 -1.48	31.81 -0.23 -1.17	41.10 -0.28 -2.03	51.61 -0.38 -3.04	48.32 -0.39 -2.77	119.50 -1.08 -4.33	93.24 -0.85 -3.62	43.01 -0.45 -0.19	36.28 -0.40 0.00	34.95 -0.42 0.00
PUCKETT___SOLAR 323809	33.47 0.96 -0.82	30.31 0.73 -0.34	28.24 0.68 0.00	27.28 0.63 -0.13	22.20 0.46 -0.05	19.59 0.45 0.00	21.97 0.53 0.00	20.47 0.69 0.00	24.57 0.83 0.00	26.43 0.83 -0.04	33.95 1.08 -0.31	33.89 0.78 -0.32	36.51 0.90 -1.00	39.07 0.98 -1.21	35.84 0.86 -1.01	32.50 0.83 -0.80	41.90 1.16 -1.39	52.52 1.50 -2.07	49.22 1.39 -1.89	122.79 3.58 -2.96	95.68 2.74 -2.47	44.64 1.25 -0.13	37.68 1.00 0.00	36.25 0.88 0.00
PYRITES___HYD 24023	32.75 0.66 -0.39	30.10 0.70 -0.16	28.25 0.69 0.00	27.27 0.69 -0.06	22.28 0.58 -0.03	19.61 0.47 0.00	21.94 0.50 0.00	19.93 0.16 0.00	24.02 0.27 0.00	25.88 0.31 -0.02	33.19 0.48 -0.14	33.37 0.43 -0.15	35.56 0.48 -0.47	38.02 0.57 -0.57	34.74 0.29 -0.48	31.67 0.43 -0.38	40.57 0.57 -0.65	50.72 0.78 -0.98	47.72 0.88 -0.89	119.94 2.29 -1.40	93.53 1.90 -1.17	44.33 1.01 -0.06	37.55 0.87 0.00	36.56 1.19 0.00

QUAKERRD_115KV_BK1 80622	31.21 -0.49 0.00	28.57 -0.67 0.00	26.97 -0.60 0.00	25.88 -0.64 0.00	21.09 -0.59 0.00	18.66 -0.48 0.00	20.84 -0.59 0.00	19.39 -0.39 0.00	23.39 -0.36 0.00	25.08 -0.48 0.00	32.06 -0.50 0.00	32.16 -0.63 0.00	33.84 -0.76 0.00	35.88 -0.99 0.00	32.90 -1.07 0.00	29.83 -1.04 0.00	37.86 -1.49 0.00	46.95 -2.00 0.00	44.13 -1.81 0.00	111.38 -4.87 0.00	86.66 -3.81 0.00	41.67 -1.58 0.00	35.46 -1.22 0.00	34.30 -1.07 0.00
QUEENSBRY_115KV_TB8 356137	34.03 2.33 0.00	31.32 2.09 0.00	29.47 1.91 0.00	28.36 1.85 0.00	23.20 1.52 0.00	20.42 1.28 0.00	22.95 1.52 0.00	21.30 1.53 0.00	25.55 1.81 0.00	27.60 2.04 0.00	34.87 2.31 0.00	35.17 2.38 0.00	37.09 2.49 0.00	39.11 2.23 0.00	35.93 1.96 0.00	32.55 1.68 0.00	41.46 2.11 0.00	51.64 2.69 0.00	48.92 2.98 0.00	125.39 9.15 0.00	97.87 7.40 0.00	46.49 3.23 0.00	39.41 2.73 0.00	37.81 2.44 0.00
RAMAPO___LBMP 323565	32.99 1.29 0.00	30.43 1.19 0.00	28.67 1.10 0.00	27.55 1.03 0.00	22.55 0.87 0.00	19.87 0.74 0.00	22.33 0.89 0.00	20.85 1.07 0.00	24.97 1.23 0.00	26.88 1.32 0.00	34.22 1.66 0.00	34.67 1.88 0.00	36.68 2.08 0.00	39.22 2.34 0.00	36.31 2.34 0.00	33.00 2.13 0.00	42.15 2.80 0.00	52.60 3.64 0.00	49.22 3.28 0.00	123.91 7.66 0.00	96.58 6.11 0.00	46.20 2.94 0.00	38.95 2.28 0.00	37.13 1.76 0.00
RANKINE____ 23646	32.39 0.69 0.00	29.51 0.27 0.00	27.91 0.34 0.00	26.76 0.24 0.00	21.77 0.09 0.00	19.28 0.14 0.00	21.48 0.04 0.00	20.07 0.29 0.00	24.25 0.51 0.00	25.84 0.28 0.00	33.04 0.47 0.00	32.95 0.16 0.00	34.60 0.00 0.00	36.44 -0.44 0.00	33.24 -0.73 0.00	30.15 -0.72 0.00	38.14 -1.21 0.00	47.08 -1.87 0.00	44.32 -1.63 0.00	111.84 -4.41 0.00	87.03 -3.43 0.00	42.19 -1.06 0.00	36.11 -0.58 0.00	35.23 -0.14 0.00
RAVENSWOOD_GT2_1 24244	33.31 1.61 0.00	30.76 1.53 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.81 0.00	33.40 2.53 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00
RAVENSWOOD_GT2_2 24245	33.31 1.61 0.00	30.76 1.53 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.81 0.00	33.40 2.53 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00
RAVENSWOOD_GT2_3 24246	33.32 1.62 0.00	30.78 1.54 0.00	29.00 1.43 0.00	27.86 1.34 0.00	22.82 1.14 0.00	20.11 0.98 0.00	22.61 1.17 0.00	21.12 1.34 0.00	25.28 1.53 0.00	27.23 1.68 0.00	34.58 2.02 0.00	35.09 2.30 0.00	37.12 2.51 0.00	39.74 2.87 0.00	36.80 2.83 0.00	33.43 2.56 0.00	42.67 3.32 0.00	53.26 4.31 0.00	49.82 3.87 0.00	125.33 9.09 0.00	97.79 7.33 0.00	46.79 3.53 0.00	39.48 2.80 0.00	37.61 2.24 0.00
RAVENSWOOD_GT2_4 24247	33.32 1.62 0.00	30.78 1.54 0.00	29.00 1.43 0.00	27.86 1.34 0.00	22.82 1.14 0.00	20.11 0.98 0.00	22.61 1.17 0.00	21.12 1.34 0.00	25.28 1.53 0.00	27.23 1.68 0.00	34.58 2.02 0.00	35.09 2.30 0.00	37.12 2.51 0.00	39.74 2.87 0.00	36.80 2.83 0.00	33.43 2.56 0.00	42.67 3.32 0.00	53.26 4.31 0.00	49.82 3.87 0.00	125.33 9.09 0.00	97.79 7.33 0.00	46.79 3.53 0.00	39.48 2.80 0.00	37.61 2.24 0.00
RAVENSWOOD_GT3_1 24248	33.31 1.61 0.00	30.76 1.53 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.81 0.00	33.41 2.54 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00
RAVENSWOOD_GT3_2 24249	33.31 1.61 0.00	30.76 1.53 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.81 0.00	33.41 2.54 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00
RAVENSWOOD_GT3_3 24250	33.36 1.67 0.00	30.82 1.58 0.00	29.03 1.46 0.00	27.90 1.38 0.00	22.85 1.17 0.00	20.14 1.00 0.00	22.63 1.20 0.00	21.14 1.36 0.00	25.32 1.58 0.00	27.27 1.72 0.00	34.62 2.06 0.00	35.14 2.35 0.00	37.18 2.57 0.00	39.79 2.92 0.00	36.85 2.88 0.00	33.47 2.61 0.00	42.73 3.39 0.00	53.34 4.38 0.00	49.88 3.93 0.00	125.53 9.28 0.00	97.90 7.44 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.66 2.29 0.00
RAVENSWOOD_GT3_4 24251	33.36 1.67 0.00	30.82 1.58 0.00	29.03 1.46 0.00	27.89 1.37 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.63 1.20 0.00	21.14 1.36 0.00	25.32 1.57 0.00	27.27 1.72 0.00	34.62 2.06 0.00	35.14 2.35 0.00	37.17 2.57 0.00	39.80 2.92 0.00	36.85 2.88 0.00	33.48 2.61 0.00	42.73 3.39 0.00	53.34 4.38 0.00	49.88 3.93 0.00	125.53 9.28 0.00	97.90 7.44 0.00	46.85 3.60 0.00	39.54 2.86 0.00	37.66 2.29 0.00
RAVENSWOOD_GT_1 23729	33.39 1.69 0.00	30.86 1.62 0.00	29.07 1.50 0.00	27.93 1.41 0.00	22.88 1.20 0.00	20.16 1.02 0.00	22.66 1.22 0.00	21.17 1.40 0.00	25.33 1.59 0.00	27.30 1.74 0.00	34.64 2.08 0.00	35.16 2.37 0.00	37.20 2.59 0.00	39.85 2.97 0.00	36.91 2.94 0.00	33.52 2.65 0.00	42.76 3.41 0.00	53.35 4.39 0.00	49.91 3.96 0.00	125.49 9.25 0.00	97.94 7.48 0.00	46.89 3.63 0.00	39.56 2.88 0.00	37.68 2.30 0.00
RAVENSWOOD_GT_10 24258	33.31 1.61 0.00	30.76 1.52 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.80 0.00	33.40 2.53 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.28 9.03 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.21 0.00
RAVENSWOOD_GT_11 24259	33.31 1.61 0.00	30.76 1.52 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.80 0.00	33.40 2.53 0.00	42.64 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00

RAVENSWOOD_GT_4 24252	33.31 1.61 0.00	30.76 1.52 0.00	28.97 1.41 0.00	27.84 1.32 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.10 1.32 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.55 1.99 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.70 2.82 0.00	36.76 2.79 0.00	33.39 2.53 0.00	42.64 3.29 0.00	53.22 4.26 0.00	49.77 3.83 0.00	125.28 9.03 0.00	97.70 7.24 0.00	46.75 3.50 0.00	39.45 2.77 0.00	37.58 2.21 0.00
RAVENSWOOD_GT_5 24254	33.31 1.61 0.00	30.76 1.52 0.00	28.97 1.41 0.00	27.84 1.32 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.10 1.32 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.55 1.99 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.70 2.82 0.00	36.76 2.79 0.00	33.39 2.53 0.00	42.64 3.29 0.00	53.22 4.26 0.00	49.77 3.83 0.00	125.28 9.03 0.00	97.70 7.24 0.00	46.75 3.50 0.00	39.45 2.77 0.00	37.58 2.21 0.00
RAVENSWOOD_GT_6 24253	33.31 1.61 0.00	30.76 1.52 0.00	28.97 1.41 0.00	27.84 1.32 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.10 1.32 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.55 1.99 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.70 2.82 0.00	36.76 2.79 0.00	33.39 2.53 0.00	42.64 3.29 0.00	53.22 4.26 0.00	49.77 3.83 0.00	125.28 9.03 0.00	97.70 7.24 0.00	46.75 3.50 0.00	39.45 2.77 0.00	37.58 2.21 0.00
RAVENSWOOD_GT_7 24255	33.31 1.61 0.00	30.76 1.52 0.00	28.97 1.41 0.00	27.84 1.32 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.10 1.32 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.55 1.99 0.00	35.07 2.28 0.00	37.09 2.48 0.00	39.70 2.82 0.00	36.76 2.79 0.00	33.39 2.53 0.00	42.64 3.29 0.00	53.22 4.26 0.00	49.77 3.83 0.00	125.28 9.03 0.00	97.70 7.24 0.00	46.75 3.50 0.00	39.45 2.77 0.00	37.58 2.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.31 1.61 0.00	30.76 1.52 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.80 0.00	33.40 2.53 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.28 9.03 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.21 0.00
RAVENSWOOD_GT_9 24257	33.31 1.61 0.00	30.76 1.52 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.80 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.09 2.49 0.00	39.72 2.84 0.00	36.77 2.80 0.00	33.40 2.53 0.00	42.64 3.30 0.00	53.23 4.28 0.00	49.78 3.83 0.00	125.22 8.97 0.00	97.71 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00
RAVENSWOOD___1 23533	33.34 1.65 0.00	30.81 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.63 1.19 0.00	21.14 1.36 0.00	25.29 1.55 0.00	27.25 1.70 0.00	34.59 2.03 0.00	35.12 2.33 0.00	37.15 2.54 0.00	39.79 2.92 0.00	36.86 2.89 0.00	33.49 2.62 0.00	42.72 3.37 0.00	53.30 4.35 0.00	49.86 3.92 0.00	125.38 9.13 0.00	97.86 7.39 0.00	46.84 3.58 0.00	39.52 2.84 0.00	37.64 2.27 0.00
RAVENSWOOD___2 23534	33.34 1.65 0.00	30.81 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.63 1.19 0.00	21.14 1.36 0.00	25.29 1.55 0.00	27.25 1.70 0.00	34.59 2.03 0.00	35.12 2.33 0.00	37.15 2.54 0.00	39.79 2.92 0.00	36.86 2.89 0.00	33.49 2.62 0.00	42.72 3.37 0.00	53.30 4.35 0.00	49.86 3.92 0.00	125.38 9.13 0.00	97.86 7.39 0.00	46.84 3.58 0.00	39.52 2.84 0.00	37.64 2.27 0.00
RAVENSWOOD___3 23535	33.31 1.61 0.00	30.76 1.53 0.00	28.98 1.42 0.00	27.85 1.33 0.00	22.81 1.13 0.00	20.10 0.97 0.00	22.60 1.16 0.00	21.11 1.33 0.00	25.27 1.53 0.00	27.22 1.67 0.00	34.56 1.99 0.00	35.07 2.28 0.00	37.10 2.49 0.00	39.72 2.84 0.00	36.78 2.81 0.00	33.41 2.54 0.00	42.65 3.30 0.00	53.23 4.28 0.00	49.78 3.84 0.00	125.29 9.04 0.00	97.72 7.25 0.00	46.77 3.51 0.00	39.46 2.78 0.00	37.59 2.22 0.00
RAVENSWOOD___4 23820	33.34 1.65 0.00	30.81 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.84 1.16 0.00	20.14 1.00 0.00	22.63 1.19 0.00	21.14 1.36 0.00	25.29 1.55 0.00	27.25 1.70 0.00	34.59 2.03 0.00	35.12 2.33 0.00	37.15 2.54 0.00	39.79 2.92 0.00	36.86 2.89 0.00	33.49 2.62 0.00	42.72 3.37 0.00	53.30 4.35 0.00	49.86 3.92 0.00	125.38 9.13 0.00	97.86 7.39 0.00	46.84 3.58 0.00	39.52 2.84 0.00	37.64 2.27 0.00
RCPL_TRUST___DRP 24196	33.28 1.59 0.00	30.73 1.50 0.00	28.96 1.39 0.00	27.82 1.30 0.00	22.78 1.10 0.00	20.08 0.95 0.00	22.58 1.14 0.00	21.09 1.31 0.00	25.26 1.51 0.00	27.20 1.65 0.00	34.55 1.99 0.00	35.04 2.25 0.00	37.08 2.47 0.00	39.68 2.81 0.00	36.74 2.77 0.00	33.37 2.50 0.00	42.61 3.26 0.00	53.18 4.23 0.00	49.73 3.79 0.00	125.16 8.91 0.00	97.61 7.14 0.00	46.71 3.45 0.00	39.40 2.72 0.00	37.54 2.17 0.00
RED___ROCHESTER 323720	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.11 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.20 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.51 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.78 -0.09 0.00	39.01 -0.33 0.00	48.30 -0.66 0.00	45.45 -0.49 0.00	114.67 -1.58 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.45 0.07 0.00
REGAN___SOLAR 323812	35.10 3.40 0.00	32.52 3.29 0.00	30.64 3.07 0.00	29.40 2.88 0.00	24.01 2.33 0.00	21.22 2.08 0.00	23.79 2.35 0.00	22.03 2.25 0.00	26.62 2.87 0.00	28.71 3.16 0.00	36.60 4.04 0.00	36.81 4.01 0.00	38.50 3.90 0.00	40.11 3.23 0.00	37.46 3.49 0.00	34.10 3.23 0.00	43.63 4.28 0.00	54.79 5.84 0.00	51.67 5.72 0.00	131.10 14.85 0.00	102.30 11.84 0.00	48.93 5.67 0.00	40.67 3.99 0.00	39.55 4.18 0.00
RENSSELAER___COGEN 23796	32.37 0.67 0.00	29.86 0.62 0.00	28.11 0.55 0.00	27.09 0.57 0.00	22.18 0.50 0.00	19.58 0.44 0.00	21.94 0.51 0.00	20.35 0.57 0.00	24.38 0.64 0.00	26.27 0.71 0.00	33.41 0.84 0.00	33.72 0.93 0.00	35.57 0.97 0.00	37.89 1.01 0.00	34.92 0.95 0.00	31.70 0.83 0.00	40.43 1.08 0.00	50.37 1.41 0.00	47.24 1.29 0.00	119.69 3.45 0.00	92.99 2.53 0.00	44.44 1.18 0.00	37.68 1.00 0.00	36.10 0.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.21 4.52 0.00	33.30 4.07 0.00	31.31 3.74 0.00	30.08 3.57 0.00	24.61 2.94 0.00	21.67 2.54 0.00	24.45 3.01 0.00	22.75 2.97 0.00	27.27 3.53 0.00	29.51 3.96 0.00	37.26 4.69 0.00	37.46 4.67 0.00	39.59 4.99 0.00	41.58 4.70 0.00	38.00 4.03 0.00	34.36 3.49 0.00	43.74 4.40 0.00	54.58 5.63 0.00	51.89 5.95 0.00	133.99 17.74 0.00	104.19 13.72 0.00	48.94 5.69 0.00	41.59 4.90 0.00	40.04 4.67 0.00

REVERE_CPDR_DRP 24186	33.23 0.95 -0.58	30.23 0.75 -0.24	28.29 0.73 0.00	27.33 0.72 -0.09	22.31 0.59 -0.04	19.69 0.56 0.00	22.07 0.64 0.00	20.46 0.69 0.00	24.65 0.90 0.00	26.58 1.00 -0.03	34.05 1.27 -0.22	34.31 1.29 -0.23	36.66 1.34 -0.71	39.09 1.36 -0.86	35.86 1.18 -0.72	32.53 1.10 -0.57	41.83 1.50 -0.98	52.47 2.05 -1.47	49.31 2.02 -1.34	123.50 5.15 -2.09	96.15 3.94 -1.75	45.15 1.80 -0.09	38.11 1.43 0.00	36.64 1.27 0.00
REYNOLDS_115KV_TB3 80639	32.61 0.92 0.00	30.09 0.86 0.00	28.34 0.78 0.00	27.32 0.80 0.00	22.37 0.69 0.00	19.73 0.59 0.00	22.13 0.69 0.00	20.50 0.72 0.00	24.56 0.81 0.00	26.46 0.91 0.00	33.64 1.08 0.00	33.95 1.16 0.00	35.82 1.22 0.00	38.12 1.25 0.00	35.14 1.17 0.00	31.90 1.03 0.00	40.66 1.32 0.00	50.61 1.66 0.00	47.46 1.52 0.00	120.31 4.07 0.00	93.46 3.00 0.00	44.69 1.44 0.00	37.92 1.25 0.00	36.33 0.96 0.00
RIVERBAY____ 323610	33.55 1.85 0.00	31.02 1.78 0.00	29.25 1.68 0.00	28.11 1.58 0.00	23.03 1.35 0.00	20.28 1.14 0.00	22.80 1.37 0.00	21.28 1.51 0.00	25.45 1.71 0.00	27.42 1.87 0.00	34.82 2.26 0.00	35.34 2.55 0.00	37.36 2.76 0.00	40.04 3.16 0.00	37.08 3.11 0.00	33.71 2.84 0.00	42.99 3.64 0.00	53.60 4.64 0.00	50.17 4.23 0.00	126.16 9.90 0.00	98.53 8.06 0.00	47.14 3.89 0.00	39.78 3.10 0.00	37.91 2.53 0.00
RIVERSDE_115KV_TB3 55908	32.53 0.84 0.00	30.01 0.78 0.00	28.26 0.69 0.00	27.24 0.72 0.00	22.29 0.61 0.00	19.67 0.54 0.00	22.05 0.61 0.00	20.44 0.67 0.00	24.50 0.75 0.00	26.40 0.84 0.00	33.56 1.00 0.00	33.88 1.09 0.00	35.74 1.14 0.00	38.05 1.18 0.00	35.07 1.11 0.00	31.84 0.97 0.00	40.61 1.26 0.00	50.57 1.62 0.00	47.42 1.48 0.00	120.18 3.93 0.00	93.36 2.90 0.00	44.63 1.37 0.00	37.86 1.18 0.00	36.26 0.89 0.00
ROARING__BROOK_WT_PWR 323790	31.14 -0.56 0.00	28.90 -0.34 0.00	27.31 -0.26 0.00	26.30 -0.22 0.00	21.49 -0.19 0.00	19.00 -0.14 0.00	21.32 -0.11 0.00	19.64 -0.14 0.00	23.62 -0.13 0.00	25.43 -0.13 0.00	32.40 -0.16 0.00	32.61 -0.18 0.00	34.41 -0.20 0.00	36.68 -0.20 0.00	33.76 -0.20 0.00	30.72 -0.15 0.00	39.12 -0.23 0.00	48.66 -0.29 0.00	45.72 -0.23 0.00	115.67 -0.58 0.00	90.01 -0.45 0.00	43.08 -0.17 0.00	36.54 -0.14 0.00	35.29 -0.08 0.00
ROCHESRG_115KV_T4 355643	31.97 0.27 0.00	29.23 -0.01 0.00	27.59 0.03 0.00	26.47 -0.05 0.00	21.56 -0.12 0.00	19.07 -0.07 0.00	21.29 -0.15 0.00	19.82 0.05 0.00	23.92 0.18 0.00	25.62 0.06 0.00	32.76 0.20 0.00	32.83 0.04 0.00	34.51 -0.10 0.00	36.52 -0.36 0.00	33.45 -0.51 0.00	30.33 -0.54 0.00	38.45 -0.90 0.00	47.63 -1.33 0.00	44.81 -1.14 0.00	113.07 -3.18 0.00	87.98 -2.48 0.00	42.41 -0.84 0.00	36.14 -0.54 0.00	35.02 -0.35 0.00
ROCHESTER_9_IC 23652	32.20 0.50 0.00	29.42 0.18 0.00	27.77 0.21 0.00	26.63 0.11 0.00	21.68 0.01 0.00	19.18 0.05 0.00	21.41 -0.02 0.00	19.94 0.16 0.00	24.07 0.33 0.00	25.79 0.23 0.00	33.00 0.44 0.00	33.08 0.29 0.00	34.78 0.17 0.00	36.81 -0.07 0.00	33.73 -0.24 0.00	30.57 -0.30 0.00	38.75 -0.60 0.00	47.99 -0.97 0.00	45.14 -0.81 0.00	113.89 -2.35 0.00	88.66 -1.80 0.00	42.73 -0.53 0.00	36.40 -0.28 0.00	35.25 -0.12 0.00
ROCKVIEW_13_KV_LD 356306	33.38 1.68 0.00	30.80 1.57 0.00	29.02 1.45 0.00	27.88 1.36 0.00	22.83 1.15 0.00	20.12 0.99 0.00	22.62 1.18 0.00	21.11 1.33 0.00	25.29 1.54 0.00	27.22 1.67 0.00	34.63 2.07 0.00	35.10 2.31 0.00	37.14 2.53 0.00	39.75 2.87 0.00	36.81 2.84 0.00	33.45 2.58 0.00	42.71 3.37 0.00	53.29 4.33 0.00	49.85 3.91 0.00	125.51 9.26 0.00	97.83 7.37 0.00	46.79 3.53 0.00	39.47 2.79 0.00	37.62 2.25 0.00
ROME____115KV_TB2 80656	33.23 0.95 -0.58	30.23 0.75 -0.24	28.29 0.73 0.00	27.33 0.72 -0.09	22.31 0.59 -0.04	19.69 0.56 0.00	22.07 0.64 0.00	20.46 0.69 0.00	24.65 0.90 0.00	26.58 1.00 -0.03	34.05 1.27 -0.22	34.31 1.29 -0.23	36.66 1.34 -0.71	39.09 1.36 -0.86	35.86 1.18 -0.72	32.53 1.10 -0.57	41.83 1.50 -0.98	52.47 2.05 -1.47	49.31 2.02 -1.34	123.50 5.15 -2.09	96.15 3.94 -1.75	45.15 1.80 -0.09	38.11 1.43 0.00	36.64 1.27 0.00
ROSETON__1 23587	32.96 1.27 0.00	30.43 1.20 0.00	28.67 1.11 0.00	27.57 1.05 0.00	22.58 0.90 0.00	19.90 0.77 0.00	22.36 0.93 0.00	20.84 1.06 0.00	24.95 1.21 0.00	26.85 1.30 0.00	34.17 1.60 0.00	34.56 1.78 0.00	36.54 1.94 0.00	39.04 2.17 0.00	36.12 2.15 0.00	32.82 1.95 0.00	41.90 2.55 0.00	52.26 3.30 0.00	48.93 2.98 0.00	123.39 7.15 0.00	96.10 5.64 0.00	45.93 2.67 0.00	38.80 2.12 0.00	37.04 1.67 0.00
ROSETON__2 23588	32.96 1.27 0.00	30.43 1.20 0.00	28.67 1.11 0.00	27.57 1.05 0.00	22.58 0.90 0.00	19.90 0.77 0.00	22.36 0.93 0.00	20.84 1.06 0.00	24.95 1.21 0.00	26.85 1.30 0.00	34.17 1.60 0.00	34.56 1.78 0.00	36.54 1.94 0.00	39.04 2.17 0.00	36.12 2.15 0.00	32.82 1.95 0.00	41.90 2.55 0.00	52.26 3.30 0.00	48.93 2.98 0.00	123.39 7.15 0.00	96.10 5.64 0.00	45.93 2.67 0.00	38.80 2.12 0.00	37.04 1.67 0.00
ROTTDAM_115KV_TB3 80664	32.99 1.29 0.00	30.41 1.18 0.00	28.64 1.08 0.00	27.57 1.05 0.00	22.56 0.89 0.00	19.90 0.76 0.00	22.33 0.89 0.00	20.70 0.93 0.00	24.83 1.09 0.00	26.75 1.20 0.00	34.02 1.46 0.00	34.31 1.52 0.00	36.19 1.58 0.00	38.52 1.64 0.00	35.49 1.52 0.00	32.23 1.36 0.00	41.07 1.72 0.00	51.19 2.24 0.00	48.05 2.11 0.00	121.83 5.59 0.00	94.79 4.33 0.00	45.29 2.03 0.00	38.38 1.70 0.00	36.81 1.43 0.00
RUSSELL__1 23602	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.10 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.19 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.50 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.77 -0.10 0.00	39.01 -0.34 0.00	48.30 -0.65 0.00	45.44 -0.50 0.00	114.60 -1.65 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.44 0.07 0.00
RUSSELL__2 23532	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.10 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.19 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.50 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.77 -0.10 0.00	39.01 -0.34 0.00	48.30 -0.65 0.00	45.44 -0.50 0.00	114.60 -1.65 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.44 0.07 0.00
RUSSELL__3 23549	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.10 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.19 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.50 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.77 -0.10 0.00	39.01 -0.34 0.00	48.30 -0.65 0.00	45.44 -0.50 0.00	114.60 -1.65 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.44 0.07 0.00

RUSSELL___4 23556	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.10 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.19 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.50 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.77 -0.10 0.00	39.01 -0.34 0.00	48.30 -0.65 0.00	45.44 -0.50 0.00	114.60 -1.65 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.44 0.07 0.00
RUSSELL___STATION 23914	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.10 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.19 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.50 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.77 -0.10 0.00	39.01 -0.34 0.00	48.30 -0.65 0.00	45.44 -0.50 0.00	114.60 -1.65 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.44 0.07 0.00
S SALMON___HYD 24043	34.18 -0.42 -2.90	29.92 -0.54 -1.22	27.11 -0.46 0.00	26.64 -0.34 -0.46	21.64 -0.23 -0.19	18.94 -0.19 0.00	21.23 -0.20 0.00	19.70 -0.08 0.00	23.68 -0.07 0.00	25.65 -0.05 -0.15	33.69 0.04 -1.09	33.94 0.01 -1.14	38.15 0.01 -3.54	41.00 -0.18 -4.30	37.25 -0.31 -3.58	33.41 -0.29 -2.83	43.93 -0.33 -4.91	55.86 -0.43 -7.34	52.42 -0.23 -6.70	126.17 -0.55 -10.48	98.91 -0.31 -8.76	43.72 0.00 -0.47	36.63 -0.05 0.00	35.24 -0.13 0.00
S.PERRY___115KV_TB1 80734	33.38 1.69 0.00	30.47 1.23 0.00	28.76 1.20 0.00	27.59 1.07 0.00	22.43 0.75 0.00	19.86 0.72 0.00	22.21 0.77 0.00	20.71 0.93 0.00	24.82 1.07 0.00	26.50 0.95 0.00	33.98 1.42 0.00	33.98 1.19 0.00	35.72 1.11 0.00	37.73 0.85 0.00	34.56 0.59 0.00	31.43 0.56 0.00	39.88 0.54 0.00	49.61 0.65 0.00	46.76 0.81 0.00	117.99 1.74 0.00	92.06 1.60 0.00	44.48 1.22 0.00	37.81 1.13 0.00	36.59 1.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.07 0.38 0.00	29.24 0.01 0.00	27.67 0.10 0.00	26.53 0.01 0.00	21.58 -0.10 0.00	19.10 -0.03 0.00	21.28 -0.16 0.00	19.87 0.09 0.00	24.02 0.28 0.00	25.56 0.00 0.00	32.67 0.10 0.00	32.60 -0.20 0.00	34.18 -0.43 0.00	35.99 -0.89 0.00	32.80 -1.17 0.00	29.75 -1.12 0.00	37.61 -1.74 0.00	46.41 -2.55 0.00	43.71 -2.24 0.00	110.21 -6.04 0.00	85.79 -4.68 0.00	41.66 -1.59 0.00	35.71 -0.98 0.00	34.87 -0.50 0.00
SAWYER___23_KV_LOAD 55526	32.07 0.38 0.00	29.24 0.01 0.00	27.67 0.10 0.00	26.53 0.01 0.00	21.58 -0.10 0.00	19.10 -0.03 0.00	21.28 -0.16 0.00	19.87 0.09 0.00	24.02 0.28 0.00	25.56 0.00 0.00	32.67 0.10 0.00	32.60 -0.20 0.00	34.18 -0.43 0.00	35.99 -0.89 0.00	32.80 -1.17 0.00	29.75 -1.12 0.00	37.61 -1.74 0.00	46.41 -2.55 0.00	43.71 -2.24 0.00	110.21 -6.04 0.00	85.79 -4.68 0.00	41.66 -1.59 0.00	35.71 -0.98 0.00	34.87 -0.50 0.00
SELKIRK___I 23801	32.70 1.01 0.00	30.17 0.93 0.00	28.44 0.87 0.00	27.41 0.89 0.00	22.44 0.76 0.00	19.80 0.66 0.00	22.20 0.76 0.00	20.58 0.81 0.00	24.67 0.93 0.00	26.57 1.01 0.00	33.79 1.23 0.00	34.07 1.28 0.00	35.92 1.31 0.00	38.25 1.37 0.00	35.22 1.25 0.00	31.96 1.09 0.00	40.76 1.41 0.00	50.81 1.86 0.00	47.64 1.70 0.00	120.73 4.48 0.00	93.85 3.39 0.00	44.82 1.56 0.00	38.01 1.33 0.00	36.47 1.10 0.00
SELKIRK___II 23799	32.48 0.78 0.00	29.97 0.73 0.00	28.23 0.66 0.00	27.19 0.67 0.00	22.26 0.58 0.00	19.64 0.50 0.00	22.02 0.59 0.00	20.43 0.66 0.00	24.48 0.74 0.00	26.37 0.82 0.00	33.54 0.98 0.00	33.85 1.06 0.00	35.70 1.09 0.00	38.03 1.16 0.00	35.06 1.09 0.00	31.83 0.97 0.00	40.59 1.25 0.00	50.58 1.63 0.00	47.43 1.48 0.00	120.08 3.83 0.00	93.36 2.89 0.00	44.62 1.36 0.00	37.82 1.14 0.00	36.26 0.88 0.00
SENECA OSWGO___HYD 24041	35.16 -0.56 -4.02	30.30 -0.62 -1.69	26.98 -0.58 0.00	26.59 -0.57 -0.64	21.46 -0.48 -0.27	18.73 -0.40 0.00	20.99 -0.45 0.00	19.45 -0.32 0.00	23.37 -0.37 0.00	25.35 -0.41 -0.20	33.59 -0.48 -1.51	33.86 -0.52 -1.59	39.00 -0.52 -4.92	42.21 -0.63 -5.96	38.32 -0.62 -4.98	34.23 -0.57 -3.93	45.47 -0.70 -6.82	58.26 -0.88 -10.18	54.42 -0.83 -9.30	128.61 -2.18 -14.54	100.89 -1.72 -12.15	43.02 -0.88 -0.65	35.91 -0.77 0.00	34.59 -0.78 0.00
SENECA___115KV_TB3 355854	32.44 0.74 0.00	29.56 0.33 0.00	27.96 0.39 0.00	26.81 0.29 0.00	21.80 0.12 0.00	19.31 0.17 0.00	21.51 0.08 0.00	20.10 0.32 0.00	24.29 0.55 0.00	25.88 0.32 0.00	33.10 0.54 0.00	33.01 0.22 0.00	34.66 0.06 0.00	36.51 -0.37 0.00	33.30 -0.67 0.00	30.20 -0.67 0.00	38.21 -1.14 0.00	47.17 -1.78 0.00	44.39 -1.55 0.00	111.99 -4.26 0.00	87.20 -3.26 0.00	42.28 -0.98 0.00	36.16 -0.52 0.00	35.28 -0.09 0.00
SENECA___ENERGY 23797	33.53 0.16 -1.67	29.90 -0.04 -0.70	27.58 0.02 0.00	26.78 -0.01 -0.27	21.72 -0.07 -0.11	19.12 -0.02 0.00	21.39 -0.04 0.00	19.93 0.15 0.00	23.98 0.24 0.00	25.82 0.18 -0.08	33.39 0.20 -0.63	33.56 0.11 -0.66	36.80 0.16 -2.04	39.43 0.08 -2.47	36.04 0.01 -2.06	32.46 -0.04 -1.63	42.09 -0.09 -2.83	53.03 -0.15 -4.22	49.68 -0.12 -3.86	121.88 -0.40 -6.03	95.04 -0.46 -5.04	43.35 -0.17 -0.27	36.52 -0.16 0.00	35.21 -0.16 0.00
SHOEMAKER___GT 23640	32.85 1.15 0.00	30.28 1.05 0.00	28.53 0.96 0.00	27.43 0.91 0.00	22.45 0.77 0.00	19.80 0.66 0.00	22.23 0.79 0.00	20.71 0.93 0.00	24.81 1.07 0.00	26.70 1.14 0.00	33.97 1.41 0.00	34.30 1.51 0.00	36.24 1.64 0.00	38.70 1.82 0.00	35.84 1.87 0.00	32.59 1.71 0.00	41.61 2.26 0.00	51.97 3.02 0.00	48.70 2.75 0.00	122.88 6.63 0.00	95.66 5.20 0.00	45.72 2.47 0.00	38.61 1.93 0.00	36.90 1.53 0.00
SHOEMAKR_138KV_BK 111 55601	32.83 1.13 0.00	30.27 1.03 0.00	28.51 0.94 0.00	27.42 0.90 0.00	22.44 0.76 0.00	19.79 0.65 0.00	22.23 0.79 0.00	20.71 0.93 0.00	24.81 1.06 0.00	26.69 1.14 0.00	33.98 1.41 0.00	34.32 1.53 0.00	36.27 1.66 0.00	38.73 1.86 0.00	35.88 1.91 0.00	32.60 1.74 0.00	41.64 2.29 0.00	51.97 3.02 0.00	48.70 2.75 0.00	122.81 6.56 0.00	95.65 5.19 0.00	45.72 2.46 0.00	38.61 1.93 0.00	36.89 1.51 0.00
SHOREHAM_IC_1 23715	35.59 3.26 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	76.30 2.78 -49.77	27.80 2.25 0.00	41.30 2.68 -6.06	55.07 3.39 -18.89	37.63 3.02 0.00	72.51 3.70 -31.93	68.99 3.51 -31.51	293.51 2.77 -259.87	196.18 4.31 -152.52	139.40 5.39 -85.06	67.90 4.83 -17.13	129.97 12.96 -0.76	119.40 11.00 -17.93	709.72 5.30 -661.16	57.79 3.92 -17.19	38.44 3.07 0.00
SHOREHAM_IC_2 23716	35.59 3.26 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	76.30 2.78 -49.77	27.80 2.25 0.00	41.30 2.68 -6.06	55.07 3.39 -18.89	37.63 3.02 0.00	72.51 3.70 -31.93	68.99 3.51 -31.51	293.51 2.77 -259.87	196.18 4.31 -152.52	139.40 5.39 -85.06	67.90 4.83 -17.13	129.97 12.96 -0.76	119.40 11.00 -17.93	709.72 5.30 -661.16	57.79 3.92 -17.19	38.44 3.07 0.00

SISSONVILLE____ 23735	32.16 0.04 -0.42	29.52 0.11 -0.18	27.69 0.12 0.00	26.75 0.16 -0.07	21.87 0.16 -0.03	19.24 0.11 0.00	21.53 0.10 0.00	19.58 -0.20 0.00	23.56 -0.18 0.00	25.42 -0.16 -0.02	32.58 -0.14 -0.16	32.77 -0.19 -0.17	34.90 -0.22 -0.51	37.29 -0.21 -0.62	34.16 -0.33 -0.52	31.16 -0.12 -0.41	39.92 -0.14 -0.71	49.85 -0.17 -1.07	46.90 -0.02 -0.97	117.85 0.08 -1.52	91.90 0.17 -1.27	43.53 0.20 -0.07	36.90 0.21 0.00	35.94 0.57 0.00
SITHE_IND_GS1 24169	19.19 -0.93 11.58	23.41 -0.95 4.88	26.68 -0.89 0.00	23.80 -0.87 1.86	20.19 -0.72 0.77	18.53 -0.61 0.00	20.75 -0.69 0.00	19.22 -0.56 0.00	23.08 -0.66 0.00	24.24 -0.73 0.59	27.30 -0.91 4.36	27.28 -0.94 4.57	19.46 -0.98 14.16	18.60 -1.09 17.18	18.60 -1.04 14.33	18.60 -0.96 11.32	18.48 -1.23 19.64	18.07 -1.56 29.33	17.69 -1.46 26.80	70.61 -3.76 41.88	52.54 -2.92 35.01	39.95 -1.44 1.87	35.48 -1.20 0.00	34.19 -1.18 0.00
SITHE_IND_GS2 24170	19.19 -0.93 11.58	23.41 -0.95 4.88	26.68 -0.89 0.00	23.80 -0.87 1.86	20.19 -0.72 0.77	18.53 -0.61 0.00	20.75 -0.69 0.00	19.22 -0.56 0.00	23.08 -0.66 0.00	24.24 -0.73 0.59	27.30 -0.91 4.36	27.28 -0.94 4.57	19.46 -0.98 14.16	18.60 -1.09 17.18	18.60 -1.04 14.33	18.60 -0.96 11.32	18.48 -1.23 19.64	18.07 -1.56 29.33	17.69 -1.46 26.80	70.61 -3.76 41.88	52.54 -2.92 35.01	39.95 -1.44 1.87	35.48 -1.20 0.00	34.19 -1.18 0.00
SITHE_IND_GS3 24171	19.19 -0.93 11.58	23.41 -0.95 4.88	26.68 -0.89 0.00	23.80 -0.87 1.86	20.19 -0.72 0.77	18.53 -0.61 0.00	20.75 -0.69 0.00	19.22 -0.56 0.00	23.08 -0.66 0.00	24.24 -0.73 0.59	27.30 -0.91 4.36	27.28 -0.94 4.57	19.46 -0.98 14.16	18.60 -1.09 17.18	18.60 -1.04 14.33	18.60 -0.96 11.32	18.48 -1.23 19.64	18.07 -1.56 29.33	17.69 -1.46 26.80	70.61 -3.76 41.88	52.54 -2.92 35.01	39.95 -1.44 1.87	35.48 -1.20 0.00	34.19 -1.18 0.00
SITHE_IND_GS4 24172	19.19 -0.93 11.58	23.41 -0.95 4.88	26.68 -0.89 0.00	23.80 -0.87 1.86	20.19 -0.72 0.77	18.53 -0.61 0.00	20.75 -0.69 0.00	19.22 -0.56 0.00	23.08 -0.66 0.00	24.24 -0.73 0.59	27.30 -0.91 4.36	27.28 -0.94 4.57	19.46 -0.98 14.16	18.60 -1.09 17.18	18.60 -1.04 14.33	18.60 -0.96 11.32	18.48 -1.23 19.64	18.07 -1.56 29.33	17.69 -1.46 26.80	70.61 -3.76 41.88	52.54 -2.92 35.01	39.95 -1.44 1.87	35.48 -1.20 0.00	34.19 -1.18 0.00
SITHE____BATAVIA 24024	32.87 1.17 0.00	29.93 0.70 0.00	28.30 0.73 0.00	27.10 0.58 0.00	22.06 0.38 0.00	19.52 0.39 0.00	21.75 0.32 0.00	20.31 0.53 0.00	24.57 0.83 0.00	26.22 0.67 0.00	33.55 0.99 0.00	33.63 0.83 0.00	35.24 0.64 0.00	37.20 0.32 0.00	33.99 0.02 0.00	30.76 -0.11 0.00	38.90 -0.45 0.00	48.02 -0.93 0.00	45.24 -0.71 0.00	114.19 -2.06 0.00	88.89 -1.57 0.00	43.08 -0.18 0.00	36.82 0.14 0.00	35.79 0.42 0.00
SITHE____INDEPEND 23800	19.19 -0.93 11.58	23.41 -0.95 4.88	26.68 -0.88 0.00	23.80 -0.87 1.86	20.19 -0.72 0.77	18.53 -0.61 0.00	20.75 -0.69 0.00	19.21 -0.56 0.00	23.08 -0.66 0.00	24.24 -0.73 0.59	27.30 -0.91 4.36	27.28 -0.94 4.57	19.46 -0.98 14.16	18.60 -1.09 17.18	18.60 -1.04 14.33	18.60 -0.96 11.32	18.48 -1.23 19.64	18.07 -1.55 29.33	17.68 -1.46 26.80	70.61 -3.75 41.88	52.54 -2.91 35.01	39.94 -1.44 1.87	35.48 -1.20 0.00	34.19 -1.18 0.00
SITHE____MASSENA 23902	31.87 0.17 0.00	29.46 0.22 0.00	27.79 0.22 0.00	26.74 0.22 0.00	21.86 0.17 0.00	19.26 0.12 0.00	21.54 0.11 0.00	19.61 -0.17 0.00	23.58 -0.16 0.00	25.38 -0.17 0.00	32.39 -0.17 0.00	32.57 -0.22 0.00	34.34 -0.26 0.00	36.66 -0.21 0.00	33.70 -0.27 0.00	30.69 -0.18 0.00	39.10 -0.24 0.00	48.61 -0.34 0.00	45.71 -0.24 0.00	115.68 -0.56 0.00	90.14 -0.32 0.00	43.22 -0.04 0.00	36.69 0.01 0.00	35.75 0.37 0.00
SITHE____OGDNSBRG 24021	32.36 0.66 0.00	29.91 0.68 0.00	28.22 0.66 0.00	27.16 0.64 0.00	22.21 0.53 0.00	19.57 0.43 0.00	21.89 0.46 0.00	19.90 0.12 0.00	23.95 0.21 0.00	25.77 0.22 0.00	32.91 0.35 0.00	33.10 0.31 0.00	34.96 0.35 0.00	37.32 0.45 0.00	34.18 0.21 0.00	31.20 0.33 0.00	39.80 0.45 0.00	49.58 0.62 0.00	46.65 0.70 0.00	118.18 1.93 0.00	92.07 1.61 0.00	44.13 0.87 0.00	37.44 0.76 0.00	36.45 1.08 0.00
SITHE____STERLING 23777	33.07 0.73 -0.64	30.07 0.56 -0.27	28.10 0.53 0.00	27.13 0.50 -0.10	22.13 0.40 -0.04	19.54 0.40 0.00	21.91 0.47 0.00	20.31 0.53 0.00	24.45 0.70 0.00	26.35 0.76 -0.03	33.79 0.99 -0.24	34.02 0.97 -0.25	36.43 1.04 -0.79	38.86 1.03 -0.95	35.68 0.92 -0.79	32.36 0.86 -0.63	41.62 1.18 -1.09	52.16 1.58 -1.63	48.97 1.53 -1.49	122.47 3.90 -2.32	95.41 3.00 -1.94	44.69 1.33 -0.10	37.72 1.04 0.00	36.28 0.91 0.00
SLEIGHT__34_KV_TB1 80719	33.83 0.79 -1.35	30.30 0.50 -0.57	28.03 0.47 0.00	27.15 0.41 -0.22	22.08 0.31 -0.09	19.44 0.30 0.00	21.72 0.28 0.00	20.25 0.48 0.00	24.42 0.68 0.00	26.35 0.73 -0.07	34.04 0.97 -0.51	34.25 0.93 -0.53	37.21 0.96 -1.65	39.85 0.97 -2.00	36.46 0.83 -1.67	32.90 0.72 -1.31	42.44 0.80 -2.28	53.39 1.02 -3.41	50.08 1.02 -3.11	123.44 2.32 -4.87	96.15 1.62 -4.07	44.25 0.77 -0.22	37.30 0.62 0.00	35.94 0.56 0.00
SOUTH CAIRO____GT 23612	33.76 2.06 0.00	31.04 1.81 0.00	29.21 1.65 0.00	28.14 1.63 0.00	23.02 1.34 0.00	20.31 1.17 0.00	22.78 1.34 0.00	21.15 1.37 0.00	25.44 1.69 0.00	27.46 1.91 0.00	34.97 2.40 0.00	35.24 2.45 0.00	36.97 2.37 0.00	39.34 2.46 0.00	36.08 2.11 0.00	32.72 1.85 0.00	41.76 2.41 0.00	52.51 3.56 0.00	49.41 3.46 0.00	125.50 9.25 0.00	97.47 7.01 0.00	46.46 3.20 0.00	39.31 2.63 0.00	37.63 2.26 0.00
SOUTH HAMPTN____IC 23720	36.20 3.87 -0.63	33.59 3.59 -0.76	36.94 3.43 -5.94	29.68 3.17 0.00	24.28 2.60 0.00	21.34 2.20 0.00	24.06 2.63 0.00	22.44 2.66 0.00	75.10 3.26 -48.10	28.45 2.89 0.00	42.22 3.59 -6.06	55.93 4.26 -18.89	38.59 3.98 0.00	73.50 4.68 -31.93	69.93 4.45 -31.51	294.83 4.09 -259.87	185.37 5.50 -140.52	141.02 7.01 -85.06	69.41 6.34 -17.13	133.03 16.02 -0.76	121.09 13.21 -17.41	710.15 6.25 -660.64	58.61 4.74 -17.19	39.32 3.94 0.00
SOUTHDOW_115KV_TB1 355954	33.63 1.94 0.00	30.63 1.39 0.00	28.90 1.33 0.00	27.76 1.24 0.00	22.56 0.89 0.00	20.00 0.86 0.00	22.26 0.82 0.00	20.87 1.09 0.00	25.29 1.54 0.00	27.04 1.49 0.00	34.59 2.03 0.00	34.39 1.60 0.00	36.30 1.70 0.00	38.24 1.36 0.00	34.89 0.92 0.00	31.64 0.77 0.00	40.16 0.82 0.00	49.71 0.76 0.00	46.72 0.77 0.00	118.19 1.94 0.00	91.91 1.45 0.00	44.32 1.06 0.00	37.73 1.05 0.00	36.67 1.30 0.00
SOUTHOLD_69_KV_BK 2 55809	37.00 4.67 -0.63	34.27 4.28 -0.76	37.55 4.05 -5.94	30.26 3.74 0.00	24.75 3.07 0.00	21.75 2.61 0.00	24.54 3.10 0.00	22.91 3.13 0.00	75.75 3.89 -48.12	29.20 3.65 0.00	43.22 4.60 -6.06	56.78 5.10 -18.88	39.05 4.45 0.00	73.97 5.16 -31.93	70.38 4.91 -31.51	295.26 4.53 -259.87	186.18 6.11 -140.73	141.84 7.83 -85.05	70.11 7.04 -17.13	134.59 17.58 -0.76	122.24 14.35 -17.42	710.61 6.70 -660.65	58.99 5.12 -17.19	40.26 4.89 0.00

SOUTHOLD___IC 23719	37.00 4.67 -0.63	34.28 4.29 -0.76	37.55 4.05 -5.94	30.26 3.74 0.00	24.75 3.07 0.00	21.75 2.61 0.00	24.54 3.10 0.00	22.91 3.13 0.00	75.75 3.89 -48.12	29.20 3.65 0.00	43.22 4.60 -6.06	56.78 5.10 -18.89	39.05 4.45 0.00	73.97 5.16 -31.93	70.39 4.91 -31.51	295.26 4.52 -259.87	186.18 6.10 -140.73	141.84 7.83 -85.06	70.11 7.04 -17.13	134.53 17.52 -0.76	122.23 14.35 -17.42	710.61 6.70 -660.65	58.99 5.12 -17.19	40.25 4.88 0.00
SPIERFLS_115KV_TB 1 80737	33.74 2.04 0.00	31.06 1.82 0.00	29.24 1.67 0.00	28.14 1.62 0.00	23.01 1.33 0.00	20.26 1.13 0.00	22.77 1.33 0.00	21.13 1.35 0.00	25.34 1.60 0.00	27.37 1.81 0.00	34.57 2.01 0.00	34.87 2.08 0.00	36.77 2.16 0.00	38.77 1.90 0.00	35.64 1.67 0.00	32.31 1.44 0.00	41.14 1.79 0.00	51.22 2.27 0.00	48.51 2.57 0.00	124.24 7.99 0.00	97.06 6.60 0.00	46.17 2.91 0.00	39.12 2.44 0.00	37.51 2.14 0.00
ST LAWRENCE____ 23600	31.37 -0.33 0.00	29.02 -0.21 0.00	27.37 -0.19 0.00	26.33 -0.19 0.00	21.52 -0.16 0.00	18.96 -0.17 0.00	21.22 -0.22 0.00	19.37 -0.41 0.00	23.28 -0.46 0.00	25.07 -0.49 0.00	31.98 -0.58 0.00	32.16 -0.63 0.00	33.90 -0.70 0.00	36.20 -0.67 0.00	33.29 -0.67 0.00	30.31 -0.56 0.00	38.60 -0.75 0.00	47.98 -0.97 0.00	45.10 -0.84 0.00	114.17 -2.08 0.00	88.91 -1.56 0.00	42.64 -0.62 0.00	36.20 -0.48 0.00	35.15 -0.22 0.00
STATE_CA_115KV_115_LB 55624	32.58 0.88 0.00	30.04 0.80 0.00	28.29 0.72 0.00	27.25 0.73 0.00	22.31 0.63 0.00	19.68 0.55 0.00	22.07 0.63 0.00	20.47 0.69 0.00	24.53 0.79 0.00	26.43 0.88 0.00	33.62 1.06 0.00	33.94 1.15 0.00	35.81 1.20 0.00	38.13 1.26 0.00	35.15 1.18 0.00	31.91 1.04 0.00	40.71 1.36 0.00	50.72 1.76 0.00	47.56 1.62 0.00	120.49 4.25 0.00	93.63 3.16 0.00	44.74 1.48 0.00	37.93 1.26 0.00	36.33 0.96 0.00
STATE_ST_34_KV_LOAD 55959	34.20 0.50 -2.00	30.36 0.29 -0.84	27.85 0.29 0.00	27.10 0.26 -0.32	21.99 0.18 -0.13	19.35 0.21 0.00	21.59 0.16 0.00	20.12 0.34 0.00	24.19 0.45 0.00	26.14 0.48 -0.10	33.84 0.52 -0.75	34.07 0.49 -0.79	37.51 0.46 -2.45	40.45 0.60 -2.97	36.96 0.52 -2.47	33.29 0.46 -1.95	43.22 0.48 -3.39	54.64 0.62 -5.06	51.24 0.67 -4.63	125.20 1.72 -7.23	97.55 1.05 -6.04	44.01 0.43 -0.32	37.03 0.35 0.00	35.69 0.32 0.00
STATION 5_MISC_HYD 23604	32.19 0.50 0.00	29.42 0.18 0.00	27.77 0.20 0.00	26.63 0.11 0.00	21.68 0.00 0.00	19.18 0.05 0.00	21.41 -0.02 0.00	19.94 0.16 0.00	24.08 0.33 0.00	25.79 0.24 0.00	33.01 0.44 0.00	33.08 0.29 0.00	34.78 0.17 0.00	36.81 -0.07 0.00	33.72 -0.24 0.00	30.57 -0.30 0.00	38.75 -0.60 0.00	47.98 -0.98 0.00	45.14 -0.81 0.00	113.95 -2.30 0.00	88.66 -1.80 0.00	42.73 -0.53 0.00	36.40 -0.28 0.00	35.26 -0.12 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.62 0.51 -0.42	29.64 0.23 -0.18	27.82 0.26 0.00	26.76 0.18 -0.07	21.78 0.08 -0.03	19.25 0.11 0.00	21.52 0.08 0.00	20.05 0.27 0.00	24.17 0.43 0.00	25.96 0.38 -0.02	33.31 0.59 -0.16	33.45 0.49 -0.17	35.58 0.46 -0.51	37.84 0.34 -0.62	34.69 0.20 -0.52	31.38 0.10 -0.41	40.07 0.01 -0.71	49.92 -0.10 -1.07	46.88 -0.04 -0.97	117.45 -0.32 -1.52	91.42 -0.32 -1.27	43.33 0.01 -0.07	36.74 0.06 0.00	35.47 0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.97 0.27 0.00	29.22 -0.01 0.00	27.58 0.01 0.00	26.45 -0.07 0.00	21.54 -0.13 0.00	19.06 -0.08 0.00	21.27 -0.16 0.00	19.81 0.03 0.00	23.92 0.18 0.00	25.64 0.09 0.00	32.82 0.26 0.00	32.91 0.11 0.00	34.61 0.00 0.00	36.66 -0.22 0.00	33.59 -0.38 0.00	30.45 -0.42 0.00	38.61 -0.74 0.00	47.84 -1.12 0.00	44.99 -0.95 0.00	113.47 -2.78 0.00	88.31 -2.15 0.00	42.54 -0.72 0.00	36.21 -0.47 0.00	35.05 -0.32 0.00
STA_56___34_KV_BUS2 355983	31.97 0.27 0.00	29.22 -0.01 0.00	27.58 0.01 0.00	26.45 -0.07 0.00	21.54 -0.13 0.00	19.06 -0.08 0.00	21.27 -0.16 0.00	19.81 0.03 0.00	23.92 0.18 0.00	25.64 0.09 0.00	32.82 0.26 0.00	32.91 0.11 0.00	34.61 0.00 0.00	36.66 -0.22 0.00	33.59 -0.38 0.00	30.45 -0.42 0.00	38.61 -0.74 0.00	47.84 -1.12 0.00	44.99 -0.95 0.00	113.47 -2.78 0.00	88.31 -2.15 0.00	42.54 -0.72 0.00	36.21 -0.47 0.00	35.05 -0.32 0.00
STA_67___115KV_BK2 355882	32.11 0.41 0.00	29.35 0.11 0.00	27.71 0.14 0.00	26.56 0.05 0.00	21.64 -0.04 0.00	19.14 0.00 0.00	21.36 -0.07 0.00	19.90 0.12 0.00	24.02 0.28 0.00	25.72 0.17 0.00	32.91 0.34 0.00	32.98 0.19 0.00	34.68 0.07 0.00	36.70 -0.18 0.00	33.62 -0.35 0.00	30.48 -0.39 0.00	38.64 -0.71 0.00	47.85 -1.10 0.00	45.01 -0.94 0.00	113.56 -2.69 0.00	88.41 -2.05 0.00	42.62 -0.64 0.00	36.29 -0.39 0.00	35.17 -0.21 0.00
STA_7___115KV_9TRANS 80674	32.38 0.69 0.00	29.58 0.35 0.00	27.92 0.35 0.00	26.76 0.24 0.00	21.78 0.10 0.00	19.27 0.13 0.00	21.51 0.07 0.00	20.03 0.25 0.00	24.19 0.45 0.00	25.93 0.38 0.00	33.21 0.64 0.00	33.30 0.50 0.00	35.01 0.41 0.00	37.07 0.19 0.00	33.96 -0.01 0.00	30.77 -0.10 0.00	39.01 -0.34 0.00	48.30 -0.65 0.00	45.44 -0.50 0.00	114.60 -1.65 0.00	89.23 -1.23 0.00	43.00 -0.26 0.00	36.62 -0.06 0.00	35.44 0.07 0.00
STA_82___115KV_TB1 80780	32.13 0.43 0.00	29.36 0.13 0.00	27.72 0.16 0.00	26.59 0.07 0.00	21.65 -0.02 0.00	19.15 0.02 0.00	21.38 -0.06 0.00	19.90 0.13 0.00	24.04 0.30 0.00	25.75 0.19 0.00	32.93 0.37 0.00	33.01 0.22 0.00	34.70 0.10 0.00	36.73 -0.14 0.00	33.65 -0.32 0.00	30.51 -0.37 0.00	38.67 -0.68 0.00	47.90 -1.06 0.00	45.05 -0.90 0.00	113.67 -2.58 0.00	88.48 -1.98 0.00	42.65 -0.61 0.00	36.33 -0.36 0.00	35.19 -0.18 0.00
STEEL___WIND 323596	32.41 0.71 0.00	29.53 0.29 0.00	27.93 0.36 0.00	26.77 0.25 0.00	21.79 0.11 0.00	19.30 0.16 0.00	21.50 0.06 0.00	20.08 0.30 0.00	24.28 0.53 0.00	25.86 0.30 0.00	33.06 0.50 0.00	32.98 0.18 0.00	34.62 0.02 0.00	36.47 -0.41 0.00	33.27 -0.70 0.00	30.17 -0.70 0.00	38.17 -1.18 0.00	47.10 -1.85 0.00	44.35 -1.60 0.00	111.93 -4.32 0.00	87.11 -3.35 0.00	42.23 -1.03 0.00	36.14 -0.54 0.00	35.26 -0.11 0.00
STEPHTWN_115KV_BK_2 55603	32.80 1.10 0.00	30.26 1.03 0.00	28.40 0.83 0.00	27.36 0.84 0.00	22.38 0.70 0.00	19.76 0.62 0.00	22.16 0.72 0.00	20.54 0.77 0.00	24.73 0.98 0.00	26.62 1.06 0.00	33.92 1.36 0.00	34.18 1.39 0.00	36.13 1.52 0.00	38.45 1.57 0.00	35.50 1.53 0.00	32.13 1.26 0.00	41.12 1.76 0.00	51.22 2.26 0.00	48.00 2.05 0.00	121.60 5.35 0.00	94.40 3.94 0.00	45.13 1.87 0.00	38.14 1.46 0.00	36.57 1.20 0.00
STEUBEN_REC_LFGE 323667	33.50 1.21 -0.59	30.37 0.89 -0.25	28.50 0.94 0.00	27.44 0.82 -0.09	22.25 0.53 -0.04	19.68 0.54 0.00	22.02 0.59 0.00	20.60 0.82 0.00	24.80 1.06 0.00	26.57 0.99 -0.03	34.15 1.37 -0.22	34.16 1.14 -0.23	36.50 1.17 -0.72	38.62 0.86 -0.88	35.33 0.63 -0.73	31.93 0.48 -0.58	40.80 0.45 -1.00	50.99 0.54 -1.49	47.83 0.52 -1.36	119.53 1.15 -2.13	93.25 1.01 -1.78	44.09 0.74 -0.09	37.37 0.69 0.00	36.21 0.84 0.00

STONY___BROOK 24151	35.31 2.98 -0.63	32.83 2.84 -0.76	36.24 2.74 -5.94	29.05 2.53 0.00	23.77 2.09 0.00	20.88 1.75 0.00	23.55 2.11 0.00	21.91 2.14 0.00	85.94 2.58 -59.61	27.98 2.43 0.00	41.61 2.99 -6.06	55.08 3.41 -18.89	37.96 3.35 0.00	72.78 3.97 -31.93	69.37 3.89 -31.51	294.32 3.58 -259.87	256.80 4.71 -212.75	140.05 6.04 -85.06	68.59 5.51 -17.13	130.45 13.43 -0.77	122.09 11.07 -20.55	712.25 5.22 -663.78	57.96 4.09 -17.19	38.66 3.29 0.00
STURGEON_POOL_HYD 23609	33.00 1.30 0.00	30.47 1.24 0.00	28.71 1.14 0.00	27.59 1.07 0.00	22.60 0.92 0.00	19.91 0.78 0.00	22.39 0.96 0.00	20.90 1.12 0.00	25.02 1.28 0.00	26.92 1.37 0.00	34.27 1.71 0.00	34.68 1.89 0.00	36.70 2.09 0.00	39.22 2.34 0.00	36.36 2.39 0.00	33.13 2.26 0.00	42.33 2.98 0.00	52.79 3.84 0.00	49.39 3.45 0.00	124.29 8.04 0.00	96.82 6.36 0.00	46.25 2.99 0.00	39.03 2.35 0.00	37.23 1.85 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.95 1.25 0.00	30.38 1.15 0.00	28.62 1.05 0.00	27.51 0.99 0.00	22.52 0.84 0.00	19.86 0.72 0.00	22.30 0.87 0.00	20.80 1.02 0.00	24.93 1.18 0.00	26.82 1.27 0.00	34.16 1.60 0.00	34.58 1.79 0.00	36.58 1.97 0.00	39.08 2.20 0.00	36.19 2.22 0.00	32.91 2.04 0.00	42.02 2.67 0.00	52.45 3.49 0.00	49.10 3.15 0.00	123.72 7.47 0.00	96.37 5.91 0.00	46.06 2.80 0.00	38.85 2.18 0.00	37.07 1.70 0.00
SWANROAD_115KV_TB1 355699	31.51 -0.19 0.00	28.71 -0.53 0.00	27.20 -0.37 0.00	26.06 -0.46 0.00	21.22 -0.46 0.00	18.78 -0.35 0.00	20.91 -0.53 0.00	19.48 -0.30 0.00	23.55 -0.19 0.00	25.02 -0.54 0.00	31.97 -0.59 0.00	31.94 -0.86 0.00	33.42 -1.18 0.00	35.16 -1.71 0.00	32.04 -1.93 0.00	29.07 -1.80 0.00	36.70 -2.65 0.00	45.19 -3.77 0.00	42.59 -3.36 0.00	107.21 -9.04 0.00	83.56 -6.91 0.00	40.71 -2.55 0.00	34.99 -1.69 0.00	34.21 -1.16 0.00
SYNERGY___BIOGAS 323694	32.87 1.17 0.00	29.93 0.70 0.00	28.30 0.73 0.00	27.10 0.58 0.00	22.06 0.38 0.00	19.52 0.39 0.00	21.75 0.32 0.00	20.31 0.53 0.00	24.57 0.83 0.00	26.22 0.67 0.00	33.55 0.99 0.00	33.63 0.83 0.00	35.24 0.64 0.00	37.20 0.32 0.00	33.99 0.02 0.00	30.76 -0.11 0.00	38.90 -0.45 0.00	48.02 -0.93 0.00	45.24 -0.71 0.00	114.19 -2.06 0.00	88.89 -1.57 0.00	43.08 -0.18 0.00	36.82 0.14 0.00	35.79 0.42 0.00
SYRACUSE___ENERGY_ST1 323597	33.90 -0.03 -2.24	30.02 -0.16 -0.94	27.43 -0.14 0.00	26.73 -0.16 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.22 0.02 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.57 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.18 -0.36	36.50 -0.18 0.00	35.15 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	33.90 -0.03 -2.24	30.02 -0.16 -0.94	27.43 -0.14 0.00	26.73 -0.16 -0.36	21.68 -0.15 -0.15	19.04 -0.10 0.00	21.31 -0.13 0.00	19.78 0.00 0.00	23.77 0.03 0.00	25.70 0.03 -0.11	33.46 0.05 -0.84	33.70 0.02 -0.88	37.39 0.05 -2.74	40.22 0.02 -3.32	36.73 -0.01 -2.77	33.03 -0.02 -2.19	43.11 -0.04 -3.80	54.57 -0.06 -5.67	51.05 -0.07 -5.18	124.14 -0.21 -8.10	96.98 -0.25 -6.77	43.45 -0.18 -0.36	36.50 -0.18 0.00	35.15 -0.22 0.00
SYRACUSE___POWER 24017	33.15 -0.01 -1.47	29.72 -0.14 -0.62	27.44 -0.13 0.00	26.62 -0.14 -0.24	21.64 -0.14 -0.10	19.04 -0.10 0.00	21.33 -0.11 0.00	19.80 0.02 0.00	23.79 0.04 0.00	25.67 0.04 -0.07	33.20 0.08 -0.55	33.40 0.03 -0.58	36.46 0.06 -1.79	39.05 -0.01 -2.18	35.75 -0.04 -1.82	32.26 -0.04 -1.43	41.79 -0.04 -2.49	52.59 -0.08 -3.71	49.25 -0.09 -3.39	121.25 -0.30 -5.30	94.60 -0.29 -4.43	43.31 -0.19 -0.24	36.49 -0.19 0.00	35.14 -0.23 0.00
TALLMAN___138KV_BK151 55660	33.10 1.41 0.00	30.52 1.28 0.00	28.75 1.18 0.00	27.62 1.10 0.00	22.60 0.93 0.00	19.93 0.79 0.00	22.39 0.95 0.00	20.91 1.14 0.00	25.05 1.31 0.00	26.97 1.42 0.00	34.34 1.78 0.00	34.81 2.01 0.00	36.84 2.24 0.00	39.40 2.53 0.00	36.49 2.52 0.00	33.17 2.30 0.00	42.37 3.02 0.00	52.86 3.91 0.00	49.48 3.53 0.00	124.49 8.24 0.00	97.02 6.56 0.00	46.40 3.14 0.00	39.12 2.44 0.00	37.27 1.89 0.00
TEALLAVE_115KV_TB7 355573	32.71 -0.18 -1.20	29.44 -0.29 -0.50	27.29 -0.27 0.00	26.43 -0.28 -0.19	21.51 -0.25 -0.08	18.94 -0.19 0.00	21.22 -0.22 0.00	19.69 -0.09 0.00	23.66 -0.08 0.00	25.51 -0.11 -0.06	32.93 -0.08 -0.45	33.14 -0.13 -0.47	35.95 -0.12 -1.47	38.42 -0.23 -1.78	35.19 -0.26 -1.48	31.79 -0.26 -1.17	41.06 -0.33 -2.03	51.56 -0.43 -3.04	48.30 -0.43 -2.77	119.45 -1.14 -4.34	93.16 -0.93 -3.63	42.97 -0.48 -0.19	36.26 -0.42 0.00	34.93 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	32.27 0.57 0.00	29.39 0.15 0.00	27.81 0.24 0.00	26.64 0.12 0.00	21.68 0.00 0.00	19.20 0.06 0.00	21.38 -0.06 0.00	19.94 0.16 0.00	24.12 0.37 0.00	25.69 0.13 0.00	32.86 0.30 0.00	32.86 0.07 0.00	34.42 -0.18 0.00	36.26 -0.62 0.00	33.08 -0.89 0.00	29.97 -0.89 0.00	37.88 -1.47 0.00	46.71 -2.25 0.00	44.01 -1.93 0.00	110.87 -5.38 0.00	86.39 -4.07 0.00	41.96 -1.30 0.00	35.97 -0.71 0.00	35.07 -0.30 0.00
TEMPLE___115KV_TB 2 55572	32.74 -0.16 -1.20	29.47 -0.27 -0.50	27.31 -0.25 0.00	26.45 -0.26 -0.19	21.52 -0.24 -0.08	18.96 -0.18 0.00	21.23 -0.20 0.00	19.70 -0.08 0.00	23.68 -0.06 0.00	25.53 -0.08 -0.06	32.96 -0.05 -0.45	33.16 -0.11 -0.47	35.99 -0.08 -1.47	38.45 -0.20 -1.78	35.22 -0.23 -1.48	31.81 -0.23 -1.17	41.10 -0.28 -2.03	51.61 -0.38 -3.04	48.32 -0.39 -2.77	119.50 -1.08 -4.33	93.24 -0.85 -3.62	43.01 -0.45 -0.19	36.28 -0.40 0.00	34.95 -0.42 0.00
TIANA___69_KV_BK 1 55817	36.01 3.68 -0.63	33.43 3.43 -0.76	36.79 3.29 -5.94	29.55 3.03 0.00	24.17 2.49 0.00	21.24 2.10 0.00	23.95 2.52 0.00	22.32 2.55 0.00	74.97 3.12 -48.11	28.30 2.74 0.00	41.98 3.36 -6.06	55.71 4.03 -18.88	38.36 3.76 0.00	73.25 4.44 -31.93	69.70 4.23 -31.51	294.63 3.89 -259.87	185.28 5.24 -140.69	140.68 6.67 -85.05	69.11 6.03 -17.13	132.32 15.31 -0.76	120.54 12.66 -17.41	709.91 6.00 -660.65	58.42 4.55 -17.19	39.10 3.73 0.00
TILDEN___115KV_TB1 80814	33.15 -0.01 -1.47	29.72 -0.14 -0.62	27.44 -0.13 0.00	26.62 -0.14 -0.24	21.64 -0.14 -0.10	19.04 -0.10 0.00	21.33 -0.11 0.00	19.80 0.02 0.00	23.79 0.04 0.00	25.67 0.04 -0.07	33.20 0.08 -0.55	33.40 0.03 -0.58	36.46 0.06 -1.79	39.05 -0.01 -2.18	35.75 -0.04 -1.82	32.26 -0.04 -1.43	41.79 -0.04 -2.49	52.59 -0.08 -3.71	49.25 -0.09 -3.39	121.25 -0.30 -5.30	94.60 -0.29 -4.43	43.31 -0.19 -0.24	36.49 -0.19 0.00	35.14 -0.23 0.00
TRIGEN___CC 323695	34.43 2.10 -0.63	31.98 1.98 -0.76	35.38 1.88 -5.94	28.27 1.75 0.00	23.15 1.47 0.00	20.36 1.23 0.00	22.93 1.49 0.00	21.35 1.58 0.00	25.57 1.83 0.00	27.41 1.85 0.00	41.04 2.42 -6.06	54.22 2.55 -18.88	37.34 2.74 0.00	71.97 3.16 -31.93	68.57 3.09 -31.51	293.54 2.81 -259.87	55.97 3.61 -13.01	138.74 4.74 -85.05	67.33 4.26 -17.12	127.09 10.08 -0.75	110.52 8.21 -11.85	702.33 3.97 -655.10	57.09 3.22 -17.19	38.00 2.63 0.00

TRINITY__115KV__4 BK 55933	32.44 0.74 0.00	29.92 0.68 0.00	28.17 0.60 0.00	27.15 0.63 0.00	22.22 0.55 0.00	19.61 0.48 0.00	21.98 0.55 0.00	20.38 0.61 0.00	24.42 0.68 0.00	26.31 0.76 0.00	33.46 0.90 0.00	33.77 0.98 0.00	35.64 1.04 0.00	37.94 1.07 0.00	34.98 1.01 0.00	31.75 0.88 0.00	40.50 1.15 0.00	50.43 1.48 0.00	47.30 1.35 0.00	119.83 3.58 0.00	93.14 2.68 0.00	44.51 1.25 0.00	37.75 1.07 0.00	36.16 0.79 0.00
UNION__PROCESSING_DRP 323587	32.14 0.45 0.00	29.38 0.14 0.00	27.74 0.17 0.00	26.59 0.07 0.00	21.66 -0.02 0.00	19.16 0.02 0.00	21.39 -0.05 0.00	19.92 0.14 0.00	24.04 0.30 0.00	25.75 0.19 0.00	32.95 0.38 0.00	33.03 0.24 0.00	34.72 0.11 0.00	36.76 -0.12 0.00	33.67 -0.30 0.00	30.52 -0.35 0.00	38.69 -0.66 0.00	47.92 -1.04 0.00	45.07 -0.88 0.00	113.76 -2.49 0.00	88.52 -1.94 0.00	42.67 -0.59 0.00	36.34 -0.34 0.00	35.20 -0.17 0.00
UPPER HUDSON__HYD 24058	33.74 2.04 0.00	31.06 1.83 0.00	29.24 1.67 0.00	28.14 1.62 0.00	23.01 1.33 0.00	20.26 1.13 0.00	22.77 1.33 0.00	21.13 1.35 0.00	25.34 1.60 0.00	27.37 1.81 0.00	34.57 2.01 0.00	34.87 2.08 0.00	36.77 2.16 0.00	38.77 1.90 0.00	35.64 1.67 0.00	32.31 1.44 0.00	41.14 1.79 0.00	51.23 2.27 0.00	48.51 2.56 0.00	124.25 8.00 0.00	97.06 6.60 0.00	46.17 2.91 0.00	39.12 2.44 0.00	37.51 2.14 0.00
UPPER RAQUET__HYD 24056	32.16 0.04 -0.42	29.52 0.11 -0.18	27.69 0.12 0.00	26.75 0.16 -0.07	21.87 0.16 -0.03	19.24 0.11 0.00	21.53 0.10 0.00	19.58 -0.20 0.00	23.56 -0.18 0.00	25.42 -0.16 -0.02	32.58 -0.14 -0.16	32.77 -0.19 -0.17	34.90 -0.22 -0.51	37.29 -0.21 -0.62	34.16 -0.33 -0.52	31.16 -0.12 -0.41	39.92 -0.14 -0.71	49.85 -0.17 -1.07	46.90 -0.02 -0.97	117.85 0.08 -1.52	91.90 0.17 -1.27	43.53 0.21 -0.07	36.90 0.21 0.00	35.94 0.57 0.00
VALLEY44_115KV_TB2 355964	32.51 0.81 0.00	29.71 0.48 0.00	28.07 0.50 0.00	26.95 0.42 0.00	21.87 0.19 0.00	19.37 0.23 0.00	21.64 0.21 0.00	20.32 0.54 0.00	24.52 0.77 0.00	26.17 0.61 0.00	33.37 0.81 0.00	33.00 0.21 0.00	34.76 0.15 0.00	36.51 -0.36 0.00	33.42 -0.55 0.00	30.24 -0.63 0.00	38.37 -0.98 0.00	47.60 -1.35 0.00	44.68 -1.26 0.00	113.26 -2.99 0.00	88.17 -2.29 0.00	42.57 -0.69 0.00	36.28 -0.40 0.00	35.28 -0.10 0.00
VALLEY__115KV_TB 1-4 80826	31.96 0.26 0.00	29.34 0.11 0.00	27.58 0.02 0.00	26.56 0.04 0.00	21.73 0.05 0.00	19.20 0.07 0.00	21.54 0.10 0.00	19.95 0.18 0.00	24.00 0.26 0.00	25.89 0.33 0.00	32.98 0.42 0.00	33.27 0.48 0.00	35.10 0.50 0.00	37.47 0.60 0.00	34.44 0.47 0.00	31.23 0.36 0.00	39.81 0.46 0.00	49.73 0.78 0.00	46.67 0.73 0.00	118.59 2.34 0.00	92.17 1.71 0.00	43.93 0.68 0.00	37.28 0.60 0.00	35.66 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.27 1.16 -0.41	30.41 1.00 -0.17	28.48 0.91 0.00	27.44 0.85 -0.07	22.40 0.69 -0.03	19.75 0.61 0.00	22.15 0.72 0.00	20.60 0.82 0.00	24.77 1.02 0.00	26.70 1.12 -0.02	34.21 1.49 -0.16	34.46 1.51 -0.16	36.73 1.62 -0.51	39.17 1.67 -0.61	36.11 1.63 -0.51	32.75 1.48 -0.40	41.96 1.91 -0.70	52.50 2.50 -1.05	49.21 2.30 -0.96	123.55 5.80 -1.50	96.18 4.47 -1.25	45.39 2.07 -0.07	38.30 1.62 0.00	36.76 1.39 0.00
VISCHER__FERRY HYD 24020	33.04 1.34 0.00	30.49 1.25 0.00	28.70 1.14 0.00	27.69 1.17 0.00	22.67 0.99 0.00	19.98 0.84 0.00	22.42 0.98 0.00	20.77 0.99 0.00	24.89 1.15 0.00	26.84 1.29 0.00	34.10 1.53 0.00	34.39 1.60 0.00	36.29 1.68 0.00	38.58 1.71 0.00	35.53 1.56 0.00	32.23 1.36 0.00	41.06 1.71 0.00	51.09 2.13 0.00	47.98 2.04 0.00	121.91 5.67 0.00	94.70 4.24 0.00	45.26 2.00 0.00	38.40 1.72 0.00	36.79 1.42 0.00
V_A_10_SYNC_DSASP 323832	31.74 0.04 0.00	28.98 -0.25 0.00	27.41 -0.15 0.00	26.29 -0.23 0.00	21.40 -0.28 0.00	18.94 -0.20 0.00	21.11 -0.33 0.00	19.69 -0.09 0.00	23.79 0.04 0.00	25.35 -0.21 0.00	32.39 -0.17 0.00	32.34 -0.45 0.00	33.92 -0.68 0.00	35.78 -1.10 0.00	32.67 -1.30 0.00	29.62 -1.25 0.00	37.50 -1.85 0.00	46.35 -2.61 0.00	43.62 -2.32 0.00	109.97 -6.28 0.00	85.66 -4.81 0.00	41.50 -1.76 0.00	35.51 -1.18 0.00	34.58 -0.79 0.00
V_CMM_10_SYNC_DSASP 323787	31.50 -0.19 0.00	29.13 -0.11 0.00	27.47 -0.09 0.00	26.43 -0.09 0.00	21.60 -0.08 0.00	19.04 -0.10 0.00	21.30 -0.14 0.00	19.45 -0.33 0.00	23.38 -0.36 0.00	25.17 -0.38 0.00	32.12 -0.44 0.00	32.30 -0.50 0.00	34.04 -0.56 0.00	36.36 -0.51 0.00	33.44 -0.54 0.00	30.44 -0.43 0.00	38.77 -0.58 0.00	48.18 -0.77 0.00	45.29 -0.65 0.00	114.63 -1.61 0.00	89.27 -1.19 0.00	42.82 -0.44 0.00	36.35 -0.33 0.00	35.28 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	32.10 0.40 0.00	29.79 0.55 0.00	28.04 0.48 0.00	26.94 0.42 0.00	21.99 0.31 0.00	19.38 0.24 0.00	21.68 0.24 0.00	19.90 0.12 0.00	23.94 0.19 0.00	25.86 0.31 0.00	32.92 0.36 0.00	33.08 0.29 0.00	34.88 0.27 0.00	37.06 0.19 0.00	34.15 0.18 0.00	31.15 0.28 0.00	39.65 0.30 0.00	49.41 0.45 0.00	46.48 0.53 0.00	118.18 1.93 0.00	91.94 1.48 0.00	43.93 0.67 0.00	37.33 0.65 0.00	36.13 0.76 0.00
V_E_10_SYNC_DSASP 323830	34.89 2.29 -0.91	31.44 1.82 -0.38	29.27 1.71 0.00	28.22 1.55 -0.14	23.02 1.28 -0.06	20.44 1.30 0.00	22.95 1.52 0.00	21.43 1.65 0.00	25.82 2.08 0.00	27.86 2.25 -0.05	35.90 3.00 -0.34	35.94 2.79 -0.36	38.62 2.91 -1.11	41.53 3.31 -1.35	38.05 2.96 -1.12	34.42 2.67 -0.88	44.65 3.77 -1.54	56.19 4.94 -2.30	52.67 4.63 -2.10	131.22 11.69 -3.28	102.17 8.97 -2.74	47.44 4.03 -0.15	39.91 3.22 0.00	38.28 2.91 0.00
V_F_30_NSYNC__DSASP 323816	33.63 1.94 0.00	30.99 1.75 0.00	29.17 1.60 0.00	28.09 1.57 0.00	22.98 1.30 0.00	20.26 1.12 0.00	22.74 1.30 0.00	21.09 1.31 0.00	25.30 1.56 0.00	27.30 1.74 0.00	34.65 2.09 0.00	34.94 2.15 0.00	36.86 2.25 0.00	39.11 2.24 0.00	36.00 2.03 0.00	32.65 1.78 0.00	41.62 2.27 0.00	51.83 2.88 0.00	48.77 2.83 0.00	124.11 7.86 0.00	96.63 6.17 0.00	46.10 2.84 0.00	39.07 2.39 0.00	37.44 2.07 0.00
V_F_30_SYNC_DSASP 323786	32.58 0.88 0.00	30.04 0.80 0.00	28.29 0.72 0.00	27.25 0.73 0.00	22.31 0.63 0.00	19.68 0.55 0.00	22.06 0.63 0.00	20.47 0.69 0.00	24.53 0.79 0.00	26.43 0.88 0.00	33.62 1.06 0.00	33.94 1.15 0.00	35.81 1.20 0.00	38.12 1.25 0.00	35.15 1.18 0.00	31.91 1.04 0.00	40.70 1.36 0.00	50.72 1.76 0.00	47.56 1.61 0.00	120.49 4.24 0.00	93.62 3.16 0.00	44.74 1.48 0.00	37.93 1.25 0.00	36.32 0.95 0.00
V_XM_10_SYNC_DSASP 323789	32.10 0.40 0.00	29.79 0.55 0.00	28.04 0.48 0.00	26.94 0.42 0.00	21.99 0.31 0.00	19.38 0.24 0.00	21.68 0.24 0.00	19.90 0.12 0.00	23.94 0.19 0.00	25.86 0.31 0.00	32.92 0.36 0.00	33.08 0.29 0.00	34.88 0.27 0.00	37.06 0.19 0.00	34.15 0.18 0.00	31.15 0.28 0.00	39.65 0.30 0.00	49.41 0.45 0.00	46.48 0.53 0.00	118.18 1.93 0.00	91.94 1.48 0.00	43.93 0.67 0.00	37.33 0.65 0.00	36.13 0.76 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.23 1.54 0.00	30.64 1.41 0.00	28.86 1.29 0.00	27.74 1.22 0.00	22.70 1.02 0.00	20.01 0.87 0.00	22.48 1.05 0.00	20.99 1.22 0.00	25.16 1.42 0.00	27.09 1.53 0.00	34.49 1.93 0.00	34.96 2.16 0.00	36.99 2.38 0.00	39.57 2.70 0.00	36.66 2.69 0.00	33.32 2.45 0.00	42.56 3.22 0.00	53.11 4.16 0.00	49.71 3.76 0.00	125.14 8.89 0.00	97.48 7.02 0.00	46.62 3.36 0.00	39.29 2.61 0.00	37.44 2.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.29 1.59 0.00	30.74 1.51 0.00	28.96 1.40 0.00	27.83 1.31 0.00	22.79 1.11 0.00	20.09 0.95 0.00	22.58 1.14 0.00	21.09 1.32 0.00	25.26 1.51 0.00	27.21 1.65 0.00	34.56 1.99 0.00	35.06 2.27 0.00	37.08 2.48 0.00	39.69 2.81 0.00	36.75 2.78 0.00	33.37 2.50 0.00	42.62 3.27 0.00	53.20 4.24 0.00	49.74 3.80 0.00	125.17 8.92 0.00	97.61 7.15 0.00	46.72 3.47 0.00	39.42 2.73 0.00	37.55 2.18 0.00
W50THST__13_KV_LOAD 356117	33.44 1.74 0.00	30.87 1.64 0.00	29.08 1.52 0.00	27.95 1.43 0.00	22.88 1.20 0.00	20.17 1.04 0.00	22.68 1.24 0.00	21.19 1.41 0.00	25.38 1.63 0.00	27.34 1.79 0.00	34.74 2.18 0.00	35.24 2.45 0.00	37.29 2.68 0.00	39.91 3.03 0.00	36.94 2.98 0.00	33.55 2.68 0.00	42.84 3.49 0.00	53.47 4.51 0.00	49.98 4.04 0.00	125.77 9.53 0.00	98.11 7.65 0.00	46.94 3.68 0.00	39.60 2.92 0.00	37.72 2.35 0.00
WADING RIVER_IC_1 23522	35.60 3.27 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	74.57 2.78 -48.05	27.76 2.21 0.00	41.27 2.65 -6.06	55.07 3.39 -18.89	37.60 2.99 0.00	72.51 3.70 -31.93	68.97 3.50 -31.51	293.94 3.20 -259.87	183.22 4.37 -139.50	139.55 5.54 -85.06	68.09 5.01 -17.13	129.98 12.97 -0.76	118.86 11.03 -17.36	709.14 5.29 -660.60	57.74 3.87 -17.19	38.39 3.02 0.00
WADING RIVER_IC_2 23547	35.60 3.27 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	74.57 2.78 -48.05	27.76 2.21 0.00	41.27 2.65 -6.06	55.07 3.39 -18.89	37.60 2.99 0.00	72.51 3.70 -31.93	68.97 3.50 -31.51	293.94 3.20 -259.87	183.22 4.37 -139.50	139.55 5.54 -85.06	68.09 5.01 -17.13	129.98 12.97 -0.76	118.86 11.03 -17.36	709.14 5.29 -660.60	57.74 3.87 -17.19	38.39 3.02 0.00
WADING RIVER_IC_3 23601	35.60 3.27 -0.63	33.08 3.09 -0.76	36.48 2.97 -5.94	29.25 2.73 0.00	23.93 2.25 0.00	21.03 1.90 0.00	23.72 2.28 0.00	22.09 2.31 0.00	74.57 2.78 -48.05	27.76 2.21 0.00	41.27 2.65 -6.06	55.07 3.39 -18.89	37.60 2.99 0.00	72.51 3.70 -31.93	68.97 3.50 -31.51	293.94 3.20 -259.87	183.22 4.37 -139.50	139.55 5.54 -85.06	68.09 5.01 -17.13	129.98 12.97 -0.76	118.86 11.03 -17.36	709.14 5.29 -660.60	57.74 3.87 -17.19	38.39 3.02 0.00
WALDENNY_I2_KV_BK2 80841	32.42 0.72 0.00	29.53 0.30 0.00	27.93 0.37 0.00	26.77 0.26 0.00	21.77 0.10 0.00	19.29 0.15 0.00	21.49 0.05 0.00	20.08 0.30 0.00	24.27 0.53 0.00	25.86 0.30 0.00	33.07 0.51 0.00	33.00 0.21 0.00	34.65 0.04 0.00	36.48 -0.40 0.00	33.27 -0.70 0.00	30.17 -0.70 0.00	38.18 -1.17 0.00	47.11 -1.85 0.00	44.34 -1.61 0.00	111.84 -4.41 0.00	87.06 -3.41 0.00	42.23 -1.03 0.00	36.15 -0.53 0.00	35.28 -0.09 0.00
WALDEN__HYDRO 24148	33.27 1.58 0.00	30.67 1.43 0.00	28.88 1.32 0.00	27.75 1.23 0.00	22.71 1.03 0.00	20.03 0.89 0.00	22.49 1.05 0.00	20.98 1.20 0.00	25.15 1.41 0.00	27.08 1.52 0.00	34.45 1.89 0.00	34.85 2.05 0.00	36.85 2.25 0.00	39.35 2.47 0.00	36.42 2.45 0.00	33.20 2.33 0.00	42.45 3.10 0.00	52.99 4.03 0.00	49.70 3.75 0.00	125.29 9.04 0.00	97.59 7.13 0.00	46.64 3.38 0.00	39.33 2.64 0.00	37.49 2.11 0.00
WARRENSBURG____ 23737	33.74 2.04 0.00	31.06 1.83 0.00	29.24 1.67 0.00	28.14 1.62 0.00	23.01 1.33 0.00	20.26 1.13 0.00	22.77 1.33 0.00	21.13 1.35 0.00	25.34 1.60 0.00	27.37 1.81 0.00	34.57 2.01 0.00	34.87 2.08 0.00	36.77 2.16 0.00	38.77 1.90 0.00	35.64 1.67 0.00	32.31 1.44 0.00	41.14 1.79 0.00	51.23 2.27 0.00	48.51 2.56 0.00	124.25 8.00 0.00	97.06 6.60 0.00	46.17 2.91 0.00	39.12 2.44 0.00	37.51 2.14 0.00
WATERSIDE__6 8 9 23538	33.34 1.65 0.00	30.82 1.58 0.00	29.03 1.46 0.00	27.88 1.36 0.00	22.84 1.17 0.00	20.14 1.00 0.00	22.63 1.19 0.00	21.14 1.36 0.00	25.30 1.55 0.00	27.25 1.70 0.00	34.59 2.03 0.00	35.12 2.33 0.00	37.15 2.54 0.00	39.79 2.92 0.00	36.86 2.89 0.00	33.49 2.62 0.00	42.72 3.37 0.00	53.30 4.35 0.00	49.87 3.92 0.00	125.38 9.14 0.00	97.86 7.40 0.00	46.84 3.58 0.00	39.52 2.84 0.00	37.65 2.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.78 0.08 0.00	29.27 0.04 0.00	27.56 -0.01 0.00	26.53 0.01 0.00	21.70 0.02 0.00	19.16 0.02 0.00	21.49 0.05 0.00	19.91 0.13 0.00	23.92 0.17 0.00	25.78 0.22 0.00	32.82 0.26 0.00	33.09 0.29 0.00	34.92 0.31 0.00	37.15 0.27 0.00	34.25 0.29 0.00	31.09 0.22 0.00	39.63 0.28 0.00	49.45 0.49 0.00	46.41 0.47 0.00	117.82 1.57 0.00	91.61 1.15 0.00	43.71 0.45 0.00	36.98 0.30 0.00	35.53 0.16 0.00
WATSON__69_KV_BK 1 55734	35.53 3.20 -0.63	33.03 3.03 -0.76	36.40 2.90 -5.94	29.21 2.69 0.00	23.90 2.22 0.00	21.00 1.86 0.00	23.68 2.24 0.00	22.03 2.26 0.00	50.41 2.72 -23.94	28.23 2.68 0.00	41.99 3.37 -6.06	55.38 3.70 -18.88	38.35 3.75 0.00	73.14 4.32 -31.93	69.71 4.24 -31.51	294.57 3.83 -259.87	122.95 4.93 -78.67	140.47 6.46 -85.05	69.01 5.94 -17.12	131.57 14.56 -0.75	117.04 11.86 -14.71	706.80 5.58 -657.96	58.37 4.50 -17.19	39.09 3.72 0.00
WDELAWARE__HYD 323627	32.61 0.92 0.00	30.01 0.78 0.00	28.24 0.68 0.00	27.10 0.59 0.00	22.18 0.49 0.00	19.55 0.41 0.00	21.97 0.53 0.00	20.50 0.73 0.00	24.61 0.87 0.00	26.53 0.97 0.00	33.81 1.25 0.00	34.16 1.37 0.00	36.17 1.56 0.00	38.48 1.60 0.00	35.79 1.82 0.00	32.71 1.84 0.00	41.81 2.46 0.00	52.17 3.22 0.00	48.98 3.03 0.00	123.28 7.03 0.00	95.98 5.52 0.00	45.81 2.55 0.00	38.59 1.91 0.00	36.77 1.40 0.00
WEST BABYLON__IC 23714	35.30 2.97 -0.63	32.80 2.81 -0.76	36.19 2.69 -5.94	29.01 2.49 0.00	23.74 2.06 0.00	20.86 1.73 0.00	23.51 2.08 0.00	21.89 2.12 0.00	32.10 2.53 -5.83	28.07 2.52 0.00	41.80 3.18 -6.06	55.13 3.45 -18.88	38.16 3.55 0.00	72.91 4.10 -31.93	69.52 4.05 -31.51	294.41 3.67 -259.87	71.51 4.66 -27.50	140.16 6.16 -85.05	68.70 5.63 -17.12	130.73 13.73 -0.75	114.08 11.13 -12.48	704.26 5.27 -655.73	58.13 4.26 -17.19	38.89 3.52 0.00
WEST CANADA__HYD 24049	31.70 0.00 0.00	29.23 -0.01 0.00	27.55 -0.02 0.00	26.52 0.00 0.00	21.68 0.00 0.00	19.13 0.00 0.00	21.46 0.02 0.00	19.84 0.06 0.00	23.81 0.07 0.00	25.63 0.08 0.00	32.66 0.10 0.00	32.89 0.10 0.00	34.71 0.10 0.00	36.99 0.11 0.00	34.07 0.10 0.00	30.96 0.09 0.00	39.47 0.12 0.00	49.14 0.18 0.00	46.09 0.14 0.00	116.69 0.44 0.00	90.78 0.32 0.00	43.39 0.13 0.00	36.78 0.10 0.00	35.41 0.04 0.00

WESTERN_NY_WIND 24143	32.83 1.13 0.00	29.91 0.67 0.00	28.27 0.70 0.00	27.07 0.55 0.00	22.03 0.35 0.00	19.50 0.37 0.00	21.73 0.30 0.00	20.28 0.51 0.00	24.55 0.80 0.00	26.19 0.63 0.00	33.51 0.95 0.00	33.57 0.78 0.00	35.19 0.58 0.00	37.14 0.26 0.00	33.93 -0.04 0.00	30.70 -0.16 0.00	38.83 -0.52 0.00	47.93 -1.03 0.00	45.15 -0.80 0.00	113.95 -2.30 0.00	88.71 -1.75 0.00	43.01 -0.25 0.00	36.76 0.08 0.00	35.75 0.38 0.00
WESTOVER___LESR 323668	33.07 0.53 -0.84	29.96 0.37 -0.35	27.91 0.35 0.00	26.99 0.33 -0.13	21.94 0.20 -0.06	19.36 0.22 0.00	21.70 0.27 0.00	20.23 0.45 0.00	24.26 0.52 0.00	26.10 0.50 -0.04	33.53 0.66 -0.32	33.59 0.47 -0.33	36.20 0.56 -1.03	38.62 0.49 -1.25	35.44 0.43 -1.04	32.07 0.37 -0.82	41.27 0.49 -1.43	51.69 0.60 -2.13	48.41 0.51 -1.95	120.66 1.37 -3.04	94.01 1.00 -2.54	43.84 0.45 -0.14	37.01 0.33 0.00	35.69 0.32 0.00
WETHRSFD_WT_PWR 323626	32.20 0.50 0.00	29.43 0.19 0.00	27.85 0.29 0.00	26.73 0.21 0.00	21.73 0.06 0.00	19.26 0.12 0.00	21.49 0.06 0.00	20.09 0.31 0.00	24.23 0.49 0.00	25.86 0.31 0.00	33.06 0.50 0.00	33.00 0.21 0.00	34.69 0.09 0.00	36.57 -0.30 0.00	33.45 -0.51 0.00	30.34 -0.53 0.00	38.47 -0.88 0.00	47.58 -1.38 0.00	44.76 -1.19 0.00	113.05 -3.20 0.00	87.98 -2.49 0.00	42.49 -0.76 0.00	36.26 -0.42 0.00	35.30 -0.08 0.00
WHAVSTOR_138KV_BK127 55557	33.07 1.37 0.00	30.50 1.26 0.00	28.73 1.16 0.00	27.61 1.09 0.00	22.59 0.92 0.00	19.92 0.78 0.00	22.38 0.95 0.00	20.89 1.12 0.00	25.03 1.29 0.00	26.95 1.39 0.00	34.30 1.74 0.00	34.77 1.97 0.00	36.78 2.17 0.00	39.34 2.46 0.00	36.42 2.45 0.00	33.10 2.23 0.00	42.28 2.93 0.00	52.76 3.80 0.00	49.36 3.42 0.00	124.25 8.00 0.00	96.85 6.39 0.00	46.32 3.07 0.00	39.07 2.39 0.00	37.23 1.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.07 1.37 0.00	30.50 1.26 0.00	28.73 1.16 0.00	27.61 1.09 0.00	22.59 0.92 0.00	19.92 0.78 0.00	22.38 0.95 0.00	20.89 1.12 0.00	25.03 1.29 0.00	26.95 1.39 0.00	34.30 1.74 0.00	34.77 1.97 0.00	36.78 2.17 0.00	39.34 2.46 0.00	36.42 2.45 0.00	33.10 2.23 0.00	42.28 2.93 0.00	52.76 3.80 0.00	49.36 3.42 0.00	124.25 8.00 0.00	96.85 6.39 0.00	46.32 3.07 0.00	39.07 2.39 0.00	37.23 1.86 0.00
WHITEHAL_115KV_TB1 80871	34.95 3.26 0.00	32.23 2.99 0.00	30.31 2.75 0.00	29.13 2.61 0.00	23.85 2.17 0.00	20.97 1.83 0.00	23.62 2.19 0.00	21.94 2.16 0.00	26.24 2.50 0.00	28.33 2.77 0.00	35.76 3.19 0.00	35.96 3.17 0.00	37.95 3.34 0.00	39.94 3.06 0.00	36.54 2.57 0.00	32.98 2.11 0.00	41.98 2.63 0.00	52.39 3.44 0.00	49.84 3.89 0.00	128.87 12.63 0.00	100.28 9.81 0.00	47.11 3.85 0.00	40.11 3.43 0.00	38.69 3.32 0.00
WHITEPLN_13_KV_LOAD 356215	33.57 1.88 0.00	30.96 1.73 0.00	29.16 1.60 0.00	28.03 1.51 0.00	22.94 1.26 0.00	20.22 1.08 0.00	22.73 1.29 0.00	21.21 1.44 0.00	25.42 1.68 0.00	27.38 1.82 0.00	34.85 2.28 0.00	35.31 2.52 0.00	37.36 2.75 0.00	40.00 3.13 0.00	37.05 3.08 0.00	33.69 2.82 0.00	43.02 3.67 0.00	53.68 4.72 0.00	50.22 4.27 0.00	126.44 10.19 0.00	98.50 8.03 0.00	47.10 3.84 0.00	39.72 3.04 0.00	37.84 2.47 0.00
WM_FLOYD_69_KV_BK2 356380	35.53 3.20 -0.63	33.03 3.04 -0.76	36.43 2.93 -5.94	29.21 2.69 0.00	23.91 2.23 0.00	21.01 1.87 0.00	23.69 2.26 0.00	22.06 2.28 0.00	75.04 2.75 -48.55	27.97 2.42 0.00	41.52 2.89 -6.06	55.14 3.47 -18.88	37.88 3.27 0.00	72.69 3.88 -31.93	69.20 3.72 -31.51	294.16 3.42 -259.87	190.74 4.63 -146.77	139.93 5.92 -85.05	68.47 5.40 -17.13	130.60 13.59 -0.76	119.45 11.30 -17.68	709.55 5.38 -660.91	57.98 4.12 -17.19	38.68 3.31 0.00
WOODARD___115KV_TB2 355635	32.92 -0.28 -1.50	29.50 -0.37 -0.63	27.22 -0.35 0.00	26.42 -0.34 -0.24	21.47 -0.31 -0.10	18.89 -0.24 0.00	21.16 -0.27 0.00	19.63 -0.15 0.00	23.59 -0.16 0.00	25.45 -0.18 -0.08	32.94 -0.19 -0.57	33.16 -0.23 -0.59	36.23 -0.21 -1.84	38.79 -0.31 -2.23	35.50 -0.32 -1.85	32.02 -0.31 -1.47	41.51 -0.38 -2.54	52.23 -0.53 -3.80	48.92 -0.50 -3.47	120.33 -1.34 -5.42	93.91 -1.08 -4.53	42.95 -0.55 -0.24	36.20 -0.48 0.00	34.86 -0.51 0.00
YORK___WARBASSE 23770	33.48 1.78 0.00	30.97 1.73 0.00	29.16 1.60 0.00	28.01 1.49 0.00	22.94 1.26 0.00	20.21 1.07 0.00	22.72 1.28 0.00	21.22 1.44 0.00	25.39 1.64 0.00	27.34 1.78 0.00	34.68 2.12 0.00	35.22 2.43 0.00	37.29 2.69 0.00	39.97 3.09 0.00	37.03 3.06 0.00	33.62 2.76 0.00	42.88 3.54 0.00	53.48 4.52 0.00	50.08 4.14 0.00	125.96 9.71 0.00	98.40 7.94 0.00	47.11 3.85 0.00	39.71 3.03 0.00	37.81 2.44 0.00