

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/15/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	30.52	27.34	14.25	17.49	22.15	28.47	31.02	33.08	40.21	39.87	43.79	36.66	41.84	34.07	32.06	31.53	33.91	42.12	65.11	64.02	64.17	50.20	44.13	35.95
24138	2.31	2.01	1.05	1.23	1.56	1.90	1.99	1.98	2.53	2.58	2.94	2.42	2.81	2.46	2.48	2.44	2.48	2.97	4.26	3.90	3.57	2.57	2.29	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.58	27.40	14.27	17.52	22.18	28.53	31.08	33.13	40.27	39.94	43.85	36.71	41.89	34.09	32.10	31.56	33.95	42.20	65.26	64.20	64.36	50.36	44.26	36.04
24260	2.38	2.07	1.08	1.25	1.59	1.96	2.05	2.03	2.59	2.65	3.01	2.47	2.86	2.48	2.52	2.47	2.53	3.06	4.41	4.08	3.76	2.73	2.43	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.58	27.40	14.27	17.52	22.18	28.53	31.08	33.13	40.27	39.94	43.85	36.71	41.89	34.09	32.10	31.56	33.95	42.20	65.26	64.20	64.36	50.36	44.26	36.04
24261	2.38	2.07	1.08	1.25	1.59	1.96	2.05	2.03	2.59	2.65	3.01	2.47	2.86	2.48	2.52	2.47	2.53	3.06	4.41	4.08	3.76	2.73	2.43	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.82	26.68	13.93	17.17	21.68	28.03	30.88	33.14	39.87	39.16	42.55	35.31	40.27	32.87	30.83	30.42	33.00	40.96	63.99	63.31	64.19	50.58	44.28	35.56
24011	1.61	1.35	0.72	0.90	1.09	1.46	1.84	2.05	2.19	1.87	1.70	1.08	1.24	1.26	1.25	1.33	1.58	1.82	3.14	3.19	3.59	2.95	2.45	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.90	26.73	13.96	17.21	21.73	28.09	30.99	33.30	40.06	39.29	42.56	35.37	40.32	32.96	30.91	30.52	33.15	41.09	64.14	63.51	64.54	50.92	44.55	35.69
23798	1.70	1.40	0.75	0.94	1.14	1.52	1.96	2.21	2.38	2.00	1.71	1.13	1.29	1.35	1.34	1.44	1.72	1.94	3.29	3.40	3.94	3.28	2.72	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.82	26.68	13.93	17.17	21.68	28.03	30.88	33.14	39.87	39.16	42.55	35.31	40.27	32.87	30.83	30.42	33.00	40.96	63.99	63.31	64.19	50.58	44.28	35.56
24028	1.61	1.35	0.72	0.90	1.09	1.46	1.84	2.05	2.19	1.87	1.70	1.08	1.24	1.26	1.25	1.33	1.58	1.82	3.14	3.19	3.59	2.95	2.45	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.74	26.65	13.93	17.16	21.69	27.93	30.40	32.41	39.18	38.57	41.77	34.89	39.68	32.34	30.42	29.96	32.19	40.09	62.31	61.30	62.34	49.33	43.45	35.00
23527	1.54	1.33	0.72	0.89	1.10	1.35	1.36	1.32	1.49	1.28	0.93	0.65	0.65	0.73	0.85	0.88	0.77	0.95	1.46	1.18	1.74	1.69	1.62	1.05
	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
AIR_PRODUCTS___DRP	28.96	25.99	13.56	16.71	21.12	27.18	29.57	31.33	37.91	37.42	40.74	34.23	38.97	31.69	29.76	29.29	31.46	39.21	60.87	59.97	60.52	47.66	41.90	34.02
24190	0.76	0.66	0.36	0.44	0.54	0.60	0.53	0.23	0.23	0.13	-0.11	-0.01	-0.06	0.08	0.18	0.20	0.03	0.06	0.02	-0.15	-0.08	0.02	0.07	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.91	25.07	13.07	16.08	20.38	26.40	29.11	31.41	38.06	37.66	41.33	34.73	39.59	31.96	29.85	29.33	31.74	39.43	61.41	60.86	61.57	48.36	42.48	34.41
355683	-0.29	-0.26	-0.14	-0.18	-0.21	-0.17	0.07	0.31	0.38	0.37	0.49	0.50	0.56	0.36	0.28	0.24	0.31	0.28	0.56	0.74	0.97	0.72	0.65	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.38	26.38	13.76	16.98	21.47	27.64	30.10	31.94	38.63	37.96	41.38	34.60	39.34	31.83	29.80	29.26	31.57	39.45	61.80	61.23	61.87	48.72	42.81	34.72
323833	1.18	1.06	0.56	0.71	0.88	1.07	1.06	0.85	0.95	0.67	0.53	0.36	0.31	0.22	0.23	0.18	0.14	0.30	0.94	1.11	1.27	1.09	0.98	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_SOLAR	29.37	26.37	13.76	16.97	21.46	27.63	30.08	31.93	38.61	37.95	41.37	34.59	39.33	31.82	29.80	29.26	31.57	39.44	61.77	61.21	61.84	48.72	42.80	34.71
323834	1.17	1.04	0.56	0.70	0.87	1.06	1.04	0.85	0.93	0.66	0.52	0.36	0.30	0.21	0.23	0.17	0.14	0.29	0.91	1.09	1.24	1.09	0.96	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.96	25.99	13.56	16.71	21.12	27.18	29.57	31.33	37.91	37.42	40.74	34.23	38.97	31.69	29.76	29.29	31.46	39.21	60.87	59.97	60.52	47.66	41.90	34.02
23571	0.76	0.66	0.36	0.44	0.54	0.60	0.53	0.23	0.23	0.13	-0.11	-0.01	-0.06	0.08	0.18	0.20	0.03	0.06	0.02	-0.15	-0.08	0.02	0.07	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 23572	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.54 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.91 0.23 0.00	37.42 0.13 0.00	40.74 -0.11 0.00	34.23 -0.01 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.18 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.06 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.02 0.00	41.90 0.07 0.00	34.02 0.06 0.00
ALBANY___3 23573	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.54 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.91 0.23 0.00	37.42 0.13 0.00	40.74 -0.11 0.00	34.23 -0.01 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.18 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.06 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.02 0.00	41.90 0.07 0.00	34.02 0.06 0.00
ALBANY___4 23574	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.54 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.91 0.23 0.00	37.42 0.13 0.00	40.74 -0.11 0.00	34.23 -0.01 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.18 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.06 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.02 0.00	41.90 0.07 0.00	34.02 0.06 0.00
ALBANY___LFGE 323615	29.19 0.98 0.00	26.19 0.86 0.00	13.66 0.46 0.00	16.84 0.57 0.00	21.27 0.68 0.00	27.39 0.81 0.00	29.83 0.80 0.00	31.64 0.54 0.00	38.26 0.58 0.00	37.76 0.47 0.00	41.13 0.29 0.00	34.54 0.31 0.00	39.35 0.32 0.00	31.99 0.38 0.00	30.08 0.51 0.00	29.61 0.52 0.00	31.85 0.42 0.00	39.72 0.57 0.00	61.67 0.81 0.00	60.70 0.58 0.00	61.26 0.66 0.00	48.23 0.59 0.00	42.37 0.54 0.00	34.35 0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	27.90 -0.30 0.00	25.06 -0.27 0.00	13.07 -0.14 0.00	16.08 -0.19 0.00	20.38 -0.21 0.00	26.43 -0.14 0.00	29.25 0.22 0.00	31.56 0.47 0.00	38.25 0.57 0.00	37.83 0.54 0.00	41.49 0.64 0.00	34.85 0.61 0.00	39.72 0.69 0.00	32.05 0.44 0.00	29.93 0.36 0.00	29.40 0.31 0.00	31.80 0.38 0.00	39.37 0.23 0.00	61.40 0.55 0.00	60.92 0.80 0.00	61.66 1.06 0.00	48.45 0.81 0.00	42.69 0.86 0.00	34.57 0.61 0.00
ALCOA_RYNLDS___DRP 24188	27.90 -0.30 0.00	25.06 -0.27 0.00	13.07 -0.14 0.00	16.08 -0.19 0.00	20.38 -0.21 0.00	26.43 -0.14 0.00	29.25 0.22 0.00	31.56 0.47 0.00	38.25 0.57 0.00	37.83 0.54 0.00	41.49 0.64 0.00	34.85 0.61 0.00	39.72 0.69 0.00	32.05 0.44 0.00	29.93 0.36 0.00	29.40 0.31 0.00	31.80 0.38 0.00	39.37 0.23 0.00	61.40 0.55 0.00	60.92 0.80 0.00	61.66 1.06 0.00	48.45 0.81 0.00	42.69 0.86 0.00	34.57 0.61 0.00
ALCOA___DSASP 323711	27.90 -0.30 0.00	25.06 -0.27 0.00	13.07 -0.14 0.00	16.08 -0.19 0.00	20.38 -0.21 0.00	26.43 -0.14 0.00	29.25 0.22 0.00	31.56 0.47 0.00	38.25 0.57 0.00	37.83 0.54 0.00	41.49 0.64 0.00	34.85 0.61 0.00	39.72 0.69 0.00	32.05 0.44 0.00	29.93 0.36 0.00	29.40 0.31 0.00	31.80 0.38 0.00	39.38 0.23 0.00	61.40 0.55 0.00	60.92 0.80 0.00	61.66 1.06 0.00	48.44 0.81 0.00	42.69 0.86 0.00	34.57 0.61 0.00
ALLEGHENY___COGEN 23514	28.30 0.10 0.00	25.49 0.16 0.00	13.25 0.04 0.00	16.35 0.08 0.00	20.80 0.21 0.00	26.89 0.32 0.00	29.24 0.20 0.00	30.92 -0.17 0.00	36.78 -0.90 0.00	36.47 -0.82 0.00	39.99 -0.86 0.00	33.38 -0.86 0.00	38.17 -0.86 0.00	30.59 -1.01 0.00	28.50 -1.07 0.00	28.12 -0.97 0.00	30.15 -1.28 0.00	37.76 -1.39 0.00	58.27 -2.58 0.00	58.97 -1.15 0.00	59.62 -0.97 0.00	46.77 -0.86 0.00	41.81 -0.03 0.00	33.80 -0.15 0.00
ALTAMONT_115KV_TB 2 55880	29.06 0.86 0.00	26.09 0.76 0.00	13.61 0.40 0.00	16.77 0.51 0.00	21.20 0.61 0.00	27.29 0.71 0.00	29.71 0.68 0.00	31.63 0.53 0.00	38.32 0.64 0.00	37.86 0.57 0.00	41.31 0.47 0.00	34.59 0.35 0.00	39.39 0.36 0.00	31.98 0.37 0.00	30.01 0.44 0.00	29.54 0.45 0.00	31.82 0.39 0.00	39.66 0.52 0.00	61.63 0.78 0.00	60.77 0.66 0.00	61.28 0.68 0.00	48.25 0.61 0.00	42.40 0.57 0.00	34.40 0.45 0.00
ALTONA_WT_PWR 323606	28.08 -0.13 0.00	25.23 -0.10 0.00	13.16 -0.04 0.00	16.19 -0.07 0.00	20.47 -0.12 0.00	26.52 -0.06 0.00	29.35 0.31 0.00	31.67 0.57 0.00	38.41 0.73 0.00	37.96 0.67 0.00	41.64 0.79 0.00	34.99 0.75 0.00	39.88 0.85 0.00	32.26 0.66 0.00	30.18 0.60 0.00	29.67 0.59 0.00	32.11 0.68 0.00	39.97 0.83 0.00	62.19 1.33 0.00	61.61 1.49 0.00	62.40 1.80 0.00	49.09 1.46 0.00	43.03 1.20 0.00	34.78 0.82 0.00
AMERICAN_REF_FUEL 24010	25.78 -2.43 0.00	23.36 -1.97 0.00	12.17 -1.03 0.00	14.96 -1.31 0.00	19.15 -1.44 0.00	24.63 -1.94 0.00	26.47 -2.57 0.00	27.88 -3.21 0.00	33.87 -3.81 0.00	33.73 -3.57 0.00	37.04 -3.81 0.00	31.38 -2.86 0.00	35.77 -3.26 0.00	28.45 -3.15 0.00	26.57 -3.00 0.00	26.25 -2.84 0.00	28.53 -2.90 0.00	35.48 -3.66 0.00	55.30 -5.56 0.00	55.12 -5.00 0.00	55.14 -5.46 0.00	43.36 -4.27 0.00	38.18 -3.65 0.00	30.92 -3.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.73 -1.47 0.00	24.24 -1.09 0.00	12.66 -0.54 0.00	15.68 -0.59 0.00	19.97 -0.62 0.00	25.67 -0.90 0.00	27.79 -1.25 0.00	29.63 -1.47 0.00	36.05 -1.63 0.00	36.07 -1.22 0.00	39.74 -1.11 0.00	33.47 -0.76 0.00	38.29 -0.74 0.00	30.59 -1.02 0.00	28.55 -1.02 0.00	28.28 -0.81 0.00	30.67 -0.76 0.00	38.36 -0.79 0.00	59.67 -1.19 0.00	59.25 -0.87 0.00	58.77 -1.83 0.00	45.40 -2.24 0.00	39.76 -2.07 0.00	31.89 -2.06 0.00
ARTHUR KILL_GT_1 23520	30.42 2.21 0.00	27.22 1.90 0.00	14.19 0.98 0.00	17.64 1.38 0.00	22.34 1.75 0.00	28.74 2.17 0.00	31.29 2.25 0.00	39.30 2.15 -6.06	48.00 2.63 -7.68	48.01 2.49 -8.23	70.44 2.58 -27.01	229.10 2.00 -192.86	43.54 2.41 -2.09	48.11 2.12 -14.39	47.90 2.22 -16.10	50.56 2.17 -19.29	52.24 2.22 -18.59	44.21 2.82 -2.25	64.59 3.74 0.00	63.56 3.54 0.10	63.89 3.29 0.00	50.17 2.54 0.00	44.29 2.46 0.00	36.05 2.10 0.00
ARTHUR_KILL_2 23512	30.34 2.14 0.00	27.16 1.83 0.00	14.15 0.95 0.00	17.61 1.34 0.00	22.29 1.70 0.00	28.67 2.10 0.00	31.20 2.16 0.00	39.24 2.09 -6.06	47.92 2.55 -7.68	47.94 2.42 -8.23	70.36 2.50 -27.01	229.02 1.93 -192.86	43.45 2.32 -2.09	48.03 2.04 -14.39	47.83 2.15 -16.10	50.49 2.11 -19.29	52.15 2.13 -18.59	44.10 2.70 -2.25	64.38 3.54 0.01	63.35 3.34 0.11	63.67 3.07 0.00	50.01 2.38 0.00	44.15 2.32 0.00	35.95 2.00 0.00
ARTHUR_KILL_3 23513	30.35 2.15 0.00	27.18 1.85 0.00	14.17 0.96 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	36.75 1.66 -3.99	44.87 2.13 -5.06	46.12 2.21 -6.62	71.71 2.60 -28.26	264.05 2.10 -227.71	42.83 2.43 -1.38	55.49 2.16 -21.72	51.16 2.21 -19.38	50.54 2.16 -19.30	52.22 2.21 -18.59	44.00 2.61 -2.24	64.61 3.76 0.00	63.55 3.43 0.00	63.68 3.08 0.00	49.83 2.20 0.00	43.81 1.98 0.00	35.67 1.72 0.00

ARTHUR_KILL_COGEN 323718	30.41 2.21 0.00	27.22 1.90 0.00	14.19 0.98 0.00	17.64 1.38 0.00	22.34 1.75 0.00	28.74 2.17 0.00	31.29 2.25 0.00	39.32 2.17 -6.06	48.03 2.67 -7.68	48.04 2.52 -8.23	70.47 2.61 -27.01	229.11 2.01 -192.86	43.53 2.40 -2.09	48.12 2.12 -14.39	47.90 2.22 -16.10	50.56 2.18 -19.29	52.25 2.23 -18.59	44.21 2.82 -2.25	64.59 3.74 0.01	63.55 3.54 0.11	63.88 3.29 0.00	50.17 2.53 0.00	44.29 2.46 0.00	36.05 2.10 0.00
ASHOKAN____ 23654	30.26 2.06 0.00	27.11 1.79 0.00	14.13 0.93 0.00	17.39 1.12 0.00	21.99 1.40 0.00	28.33 1.76 0.00	30.90 1.86 0.00	32.99 1.89 0.00	40.01 2.33 0.00	39.55 2.26 0.00	43.17 2.32 0.00	36.10 1.87 0.00	41.01 1.97 0.00	33.44 1.84 0.00	31.26 1.69 0.00	30.69 1.60 0.00	32.97 1.54 0.00	41.35 2.20 0.00	64.56 3.71 0.00	63.97 3.85 0.00	64.41 3.81 0.00	50.52 2.89 0.00	44.31 2.48 0.00	35.86 1.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.39 2.18 0.00	27.16 1.83 0.00	14.16 0.95 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.34 1.76 0.00	30.80 1.76 0.00	32.80 1.70 0.00	39.85 2.17 0.00	39.46 2.17 0.00	43.34 2.49 0.00	36.30 2.06 0.00	41.39 2.35 0.00	33.70 2.09 0.00	31.81 2.23 0.00	31.21 2.12 0.00	33.55 2.13 0.00	41.64 2.49 0.00	64.26 3.41 0.01	63.31 3.20 0.01	63.46 2.87 0.01	49.79 2.16 0.00	43.82 1.98 0.00	35.69 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.39 2.18 0.00	27.16 1.83 0.00	14.15 0.95 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.34 1.76 0.00	30.80 1.76 0.00	32.80 1.70 0.00	39.85 2.17 0.00	39.46 2.17 0.00	43.34 2.49 0.00	36.30 2.06 0.00	41.39 2.35 0.00	33.70 2.09 0.00	31.81 2.23 0.00	31.20 2.12 0.00	33.55 2.13 0.00	41.64 2.49 0.00	64.27 3.42 0.01	63.31 3.20 0.01	63.47 2.87 0.01	49.79 2.16 0.00	43.82 1.98 0.00	35.69 1.74 0.00
ASTORIA_GT2_1 24094	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT2_2 24095	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT2_3 24096	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT2_4 24097	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT3_1 24098	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT3_2 24099	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT3_3 24100	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT3_4 24101	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT4_1 24102	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT4_2 24103	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT4_3 24104	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00

ASTORIA_GT4_4 24105	30.39 2.19 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.47 2.18 0.00	43.35 2.50 0.00	36.30 2.06 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.81 2.24 0.00	31.23 2.14 0.00	33.56 2.13 0.00	41.65 2.50 0.00	64.31 3.46 0.01	63.35 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.84 2.00 0.00	35.71 1.75 0.00
ASTORIA_GT_1 23523	30.43 2.23 0.00	27.20 1.88 0.00	14.18 0.97 0.00	17.40 1.14 0.00	22.04 1.45 0.00	28.39 1.82 0.00	30.85 1.82 0.00	32.86 1.77 0.00	39.93 2.25 0.00	39.54 2.25 0.00	43.42 2.57 0.00	36.35 2.12 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.87 2.29 0.00	31.27 2.18 0.00	33.61 2.19 0.00	41.72 2.58 0.00	64.40 3.55 0.01	63.45 3.34 0.01	63.62 3.02 0.01	49.90 2.27 0.00	43.91 2.07 0.00	35.76 1.81 0.00
ASTORIA_GT_10 24110	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.94 1.85 0.00	40.04 2.36 0.00	39.68 2.39 0.00	43.57 2.72 0.00	36.42 2.18 0.00	41.58 2.55 0.00	33.86 2.26 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.32 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	44.00 2.17 0.00	35.84 1.88 0.00
ASTORIA_GT_11 24225	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.94 1.85 0.00	40.04 2.36 0.00	39.68 2.39 0.00	43.57 2.72 0.00	36.42 2.18 0.00	41.58 2.55 0.00	33.86 2.26 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.32 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	44.00 2.17 0.00	35.84 1.88 0.00
ASTORIA_GT_12 24226	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.94 1.85 0.00	40.04 2.36 0.00	39.68 2.39 0.00	43.57 2.72 0.00	36.42 2.18 0.00	41.58 2.55 0.00	33.86 2.26 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.32 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	44.00 2.17 0.00	35.84 1.88 0.00
ASTORIA_GT_13 24227	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.94 1.85 0.00	40.04 2.36 0.00	39.68 2.39 0.00	43.57 2.72 0.00	36.42 2.18 0.00	41.58 2.55 0.00	33.86 2.26 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.32 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	44.00 2.17 0.00	35.84 1.88 0.00
ASTORIA_GT_5 24106	30.43 2.23 0.00	27.20 1.88 0.00	14.18 0.97 0.00	17.40 1.14 0.00	22.04 1.45 0.00	28.39 1.82 0.00	30.85 1.82 0.00	32.86 1.77 0.00	39.93 2.25 0.00	39.54 2.25 0.00	43.42 2.57 0.00	36.35 2.12 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.87 2.29 0.00	31.27 2.18 0.00	33.61 2.19 0.00	41.72 2.58 0.00	64.40 3.55 0.01	63.45 3.34 0.01	63.62 3.02 0.01	49.90 2.27 0.00	43.91 2.07 0.00	35.76 1.81 0.00
ASTORIA_GT_7 24107	30.43 2.23 0.00	27.20 1.88 0.00	14.18 0.97 0.00	17.40 1.14 0.00	22.04 1.45 0.00	28.39 1.82 0.00	30.85 1.82 0.00	32.86 1.77 0.00	39.93 2.25 0.00	39.54 2.25 0.00	43.42 2.57 0.00	36.35 2.12 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.87 2.29 0.00	31.27 2.18 0.00	33.61 2.19 0.00	41.72 2.58 0.00	64.40 3.55 0.01	63.45 3.34 0.01	63.62 3.02 0.01	49.90 2.27 0.00	43.91 2.07 0.00	35.76 1.81 0.00
ASTORIA_GT_8 24108	30.43 2.23 0.00	27.20 1.88 0.00	14.18 0.97 0.00	17.40 1.14 0.00	22.04 1.45 0.00	28.39 1.82 0.00	30.85 1.82 0.00	32.86 1.77 0.00	39.93 2.25 0.00	39.54 2.25 0.00	43.42 2.57 0.00	36.35 2.12 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.87 2.29 0.00	31.27 2.18 0.00	33.61 2.19 0.00	41.72 2.58 0.00	64.40 3.55 0.01	63.45 3.34 0.01	63.62 3.02 0.01	49.90 2.27 0.00	43.91 2.07 0.00	35.76 1.81 0.00
ASTORIA___2 24149	30.40 2.19 0.00	27.17 1.84 0.00	14.16 0.95 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.34 1.77 0.00	30.81 1.77 0.00	32.81 1.71 0.00	39.87 2.19 0.00	39.48 2.19 0.00	43.35 2.50 0.00	36.32 2.08 0.00	41.41 2.38 0.00	33.71 2.10 0.00	31.82 2.24 0.00	31.21 2.12 0.00	33.56 2.14 0.00	41.66 2.51 0.00	64.30 3.45 0.01	63.34 3.23 0.01	63.50 2.91 0.01	49.81 2.18 0.00	43.83 2.00 0.00	35.71 1.75 0.00
ASTORIA___3 23516	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.95 1.86 0.00	40.05 2.37 0.00	39.70 2.41 0.00	43.58 2.73 0.00	36.43 2.19 0.00	41.57 2.54 0.00	33.87 2.25 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.33 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	43.99 2.16 0.00	35.84 1.88 0.00
ASTORIA___4 23517	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.94 1.85 0.00	40.04 2.36 0.00	39.68 2.39 0.00	43.57 2.72 0.00	36.42 2.18 0.00	41.58 2.55 0.00	33.86 2.26 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.32 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	44.00 2.17 0.00	35.84 1.88 0.00
ASTORIA___5 23518	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.95 1.86 0.00	40.05 2.37 0.00	39.70 2.41 0.00	43.58 2.73 0.00	36.43 2.19 0.00	41.57 2.54 0.00	33.87 2.25 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.33 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	43.99 2.16 0.00	35.84 1.88 0.00
AST_ENERGY_2_CC3 323677	30.35 2.15 0.00	27.19 1.86 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.30 1.72 0.00	30.82 1.79 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.51 2.22 0.00	43.39 2.55 0.00	36.34 2.10 0.00	41.45 2.42 0.00	33.76 2.15 0.00	31.79 2.22 0.00	31.26 2.17 0.00	33.62 2.20 0.00	41.74 2.60 0.00	64.55 3.70 0.00	63.51 3.39 0.00	63.65 3.05 0.00	49.83 2.20 0.00	43.81 1.98 0.00	35.70 1.75 0.00
AST_ENERGY_2_CC4 323678	30.35 2.15 0.00	27.19 1.86 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.30 1.72 0.00	30.82 1.79 0.00	32.81 1.72 0.00	39.86 2.18 0.00	39.51 2.22 0.00	43.39 2.55 0.00	36.34 2.10 0.00	41.45 2.42 0.00	33.76 2.15 0.00	31.79 2.22 0.00	31.26 2.17 0.00	33.62 2.20 0.00	41.74 2.60 0.00	64.55 3.70 0.00	63.51 3.39 0.00	63.65 3.05 0.00	49.83 2.20 0.00	43.81 1.98 0.00	35.70 1.75 0.00

ATHENS_STG_1 23668	29.18 0.97 0.00	26.19 0.86 0.00	13.66 0.45 0.00	16.83 0.56 0.00	21.26 0.67 0.00	27.34 0.77 0.00	29.73 0.70 0.00	31.67 0.58 0.00	38.41 0.73 0.00	38.00 0.71 0.00	41.57 0.73 0.00	34.81 0.57 0.00	39.68 0.64 0.00	32.23 0.63 0.00	30.27 0.70 0.00	29.78 0.69 0.00	32.09 0.67 0.00	39.95 0.81 0.00	61.94 1.08 0.00	61.01 0.89 0.00	61.37 0.77 0.00	48.26 0.63 0.00	42.45 0.62 0.00	34.49 0.53 0.00
ATHENS_STG_2 23670	29.18 0.97 0.00	26.19 0.86 0.00	13.66 0.45 0.00	16.83 0.56 0.00	21.26 0.67 0.00	27.34 0.77 0.00	29.73 0.70 0.00	31.67 0.58 0.00	38.41 0.73 0.00	38.00 0.71 0.00	41.57 0.73 0.00	34.81 0.57 0.00	39.68 0.64 0.00	32.23 0.63 0.00	30.27 0.70 0.00	29.78 0.69 0.00	32.09 0.67 0.00	39.95 0.81 0.00	61.94 1.08 0.00	61.01 0.89 0.00	61.37 0.77 0.00	48.26 0.63 0.00	42.45 0.62 0.00	34.49 0.53 0.00
ATHENS_STG_3 23677	29.18 0.97 0.00	26.19 0.86 0.00	13.66 0.45 0.00	16.83 0.56 0.00	21.26 0.67 0.00	27.34 0.77 0.00	29.73 0.70 0.00	31.67 0.58 0.00	38.41 0.73 0.00	38.00 0.71 0.00	41.57 0.73 0.00	34.81 0.57 0.00	39.68 0.64 0.00	32.23 0.63 0.00	30.27 0.70 0.00	29.78 0.69 0.00	32.09 0.67 0.00	39.95 0.81 0.00	61.94 1.08 0.00	61.01 0.89 0.00	61.37 0.77 0.00	48.26 0.63 0.00	42.45 0.62 0.00	34.49 0.53 0.00
AUBURN___LFGE 323710	28.22 0.02 0.00	25.28 -0.05 0.00	13.20 0.00 0.00	16.28 0.01 0.00	20.63 0.04 0.00	26.63 0.05 0.00	29.13 0.09 0.00	31.30 0.21 0.00	38.05 0.37 0.00	37.66 0.37 0.00	41.19 0.34 0.00	33.82 -0.42 0.00	38.57 -0.46 0.00	31.16 -0.45 0.00	29.09 -0.48 0.00	28.69 -0.40 0.00	30.98 -0.44 0.00	38.88 -0.27 0.00	60.47 -0.38 0.00	59.94 -0.18 0.00	60.38 -0.22 0.00	47.37 -0.27 0.00	41.50 -0.33 0.00	33.67 -0.28 0.00
BABYLON_RES_REC 323704	57.96 2.86 -26.90	51.70 2.54 -23.84	39.14 1.33 -24.61	25.21 1.56 -7.38	40.58 1.99 -18.01	50.31 2.49 -21.25	47.56 2.61 -15.92	33.67 2.58 0.00	40.84 3.16 0.00	41.13 2.97 -0.87	52.16 3.20 -8.11	50.39 2.59 -13.56	45.37 2.90 -3.45	47.55 2.45 -13.50	40.55 2.36 -8.61	31.03 1.94 0.00	33.43 2.00 0.00	47.23 2.64 -5.45	73.52 3.75 -8.92	74.07 3.42 -10.53	76.11 3.16 -12.36	61.66 2.30 -11.73	47.99 2.52 -3.64	37.89 2.70 -1.23
BALL_HILL_WT_PWR 323825	26.88 -1.33 0.00	24.34 -0.99 0.00	12.68 -0.52 0.00	15.65 -0.61 0.00	19.94 -0.65 0.00	25.63 -0.95 0.00	27.66 -1.38 0.00	29.34 -1.76 0.00	35.65 -2.04 0.00	35.52 -1.77 0.00	39.05 -1.80 0.00	32.90 -1.34 0.00	37.60 -1.43 0.00	30.03 -1.58 0.00	28.04 -1.53 0.00	27.75 -1.34 0.00	30.12 -1.30 0.00	37.63 -1.52 0.00	58.54 -2.31 0.00	58.21 -1.90 0.00	58.00 -2.60 0.00	45.21 -2.42 0.00	39.67 -2.16 0.00	32.01 -1.95 0.00
BARON_WINDS___WT_PWR 323822	27.63 -0.57 0.00	24.91 -0.42 0.00	12.96 -0.24 0.00	16.03 -0.23 0.00	20.35 -0.23 0.00	26.19 -0.38 0.00	28.38 -0.66 0.00	30.05 -1.04 0.00	36.25 -1.44 0.00	36.13 -1.16 0.00	39.65 -1.20 0.00	33.12 -1.12 0.00	37.91 -1.12 0.00	30.42 -1.19 0.00	28.51 -1.06 0.00	28.27 -0.82 0.00	30.71 -0.71 0.00	38.31 -0.84 0.00	59.37 -1.48 0.00	59.13 -0.99 0.00	59.23 -1.37 0.00	46.28 -1.36 0.00	40.66 -1.17 0.00	32.68 -1.27 0.00
BARRETT_IC_1 23704	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_10 23701	80.48 2.47 -49.80	79.12 2.18 -51.61	69.13 1.14 -54.79	42.87 1.36 -25.24	68.36 1.70 -46.08	68.28 2.18 -39.52	63.65 2.22 -32.39	33.15 2.06 0.00	40.31 2.60 -0.02	42.99 2.69 -3.01	79.00 2.98 -35.17	69.19 2.38 -32.58	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_11 23702	80.48 2.47 -49.80	79.12 2.18 -51.61	69.13 1.14 -54.79	42.87 1.36 -25.24	68.36 1.70 -46.08	68.28 2.18 -39.52	63.65 2.22 -32.39	33.15 2.06 0.00	40.31 2.60 -0.02	42.99 2.69 -3.01	79.00 2.98 -35.17	69.19 2.38 -32.58	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_12 23703	80.48 2.47 -49.80	79.12 2.18 -51.61	69.13 1.14 -54.79	42.87 1.36 -25.24	68.36 1.70 -46.08	68.28 2.18 -39.52	63.65 2.22 -32.39	33.15 2.06 0.00	40.31 2.60 -0.02	42.99 2.69 -3.01	79.00 2.98 -35.17	69.19 2.38 -32.58	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_2 23705	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_3 23706	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_4 23707	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_5 23708	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56

BARRETT_IC_6 23709	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_7 23710	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.49 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.05 0.00	40.36 2.60 -0.08	48.75 2.68 -8.77	151.33 2.97 -107.51	121.25 2.37 -84.64	44.90 2.77 -3.10	46.27 2.42 -12.24	39.64 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.82 0.00	64.98 4.12 0.00	63.91 3.79 0.00	64.13 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.82 2.31 -0.56
BARRETT_IC_8 23711	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT_IC_9 23700	80.48 2.47 -49.80	79.12 2.18 -51.61	69.13 1.14 -54.79	42.87 1.36 -25.24	68.36 1.70 -46.08	68.28 2.18 -39.52	63.65 2.22 -32.39	33.15 2.06 0.00	40.31 2.60 -0.02	42.99 2.69 -3.01	79.00 2.98 -35.17	69.19 2.38 -32.58	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT___1 23545	143.85 2.47 -113.17	155.11 2.18 -127.60	151.58 1.14 -137.24	90.85 1.36 -73.22	144.50 1.70 -122.21	116.85 2.18 -88.09	107.14 2.22 -75.88	33.15 2.06 0.00	40.37 2.60 -0.08	48.75 2.69 -8.77	151.34 2.98 -107.51	121.25 2.38 -84.64	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BARRETT___2 23546	80.48 2.47 -49.80	79.12 2.18 -51.61	69.13 1.14 -54.79	42.87 1.36 -25.24	68.36 1.70 -46.08	68.28 2.18 -39.52	63.65 2.22 -32.39	33.15 2.06 0.00	40.31 2.60 -0.02	42.99 2.69 -3.01	79.00 2.98 -35.17	69.19 2.38 -32.58	44.90 2.77 -3.10	46.27 2.43 -12.24	39.65 2.47 -7.60	31.29 2.21 0.00	33.66 2.24 0.00	41.97 2.83 0.00	64.97 4.12 0.00	63.91 3.79 0.00	64.12 3.52 0.00	50.21 2.57 0.00	45.30 2.43 -1.04	36.83 2.31 -0.56
BATAVIA___115KV_TB1 55881	27.16 -1.04 0.00	24.55 -0.78 0.00	12.78 -0.43 0.00	15.72 -0.55 0.00	20.06 -0.54 0.00	25.88 -0.69 0.00	27.95 -1.08 0.00	29.57 -1.52 0.00	35.68 -2.00 0.00	35.33 -1.96 0.00	38.85 -2.00 0.00	32.80 -1.44 0.00	37.40 -1.64 0.00	29.82 -1.79 0.00	27.89 -1.69 0.00	27.71 -1.38 0.00	30.06 -1.37 0.00	37.37 -1.77 0.00	58.50 -2.35 0.00	58.44 -1.67 0.00	58.74 -1.86 0.00	46.11 -1.52 0.00	40.42 -1.41 0.00	32.65 -1.30 0.00
BAYONEEC___CTG1 323682	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG10 323750	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG2 323683	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG3 323684	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG4 323685	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG5 323686	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG6 323687	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG7 323688	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00

BAYONEEC___CTG8 323689	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BAYONEEC___CTG9 323749	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.34 1.77 0.00	30.87 1.83 0.00	33.49 1.79 -0.62	40.73 2.27 -0.78	41.66 2.32 -2.04	45.13 2.66 -1.62	36.41 2.17 0.00	41.76 2.52 -0.21	37.17 2.23 -3.33	34.83 2.28 -2.97	34.27 2.23 -2.96	36.55 2.28 -2.85	42.20 2.70 -0.34	64.73 3.88 0.00	63.69 3.57 0.00	63.82 3.22 0.00	49.96 2.33 0.00	43.93 2.10 0.00	35.79 1.83 0.00
BEACON___LESR 323632	29.37 1.16 0.00	26.33 1.00 0.00	13.73 0.53 0.00	16.98 0.71 0.00	21.40 0.81 0.00	27.56 0.99 0.00	30.12 1.09 0.00	31.86 0.76 0.00	38.57 0.89 0.00	38.03 0.74 0.00	41.52 0.67 0.00	34.83 0.60 0.00	39.62 0.59 0.00	32.23 0.62 0.00	30.23 0.66 0.00	29.82 0.73 0.00	32.05 0.62 0.00	40.04 0.90 0.00	62.23 1.38 0.00	61.29 1.17 0.00	61.72 1.12 0.00	48.54 0.91 0.00	42.59 0.75 0.00	34.55 0.59 0.00
BEAVER RIVER___HYD 24048	27.31 -0.90 0.00	24.51 -0.82 0.00	12.93 -0.27 0.00	15.99 -0.28 0.00	20.37 -0.22 0.00	26.49 -0.09 0.00	29.25 0.21 0.00	31.39 0.29 0.00	38.06 0.38 0.00	37.65 0.35 0.00	41.23 0.38 0.00	34.40 0.17 0.00	39.06 0.03 0.00	31.44 -0.17 0.00	29.04 -0.53 0.00	28.47 -0.62 0.00	30.95 -0.47 0.00	38.78 -0.37 0.00	61.10 0.24 0.00	60.86 0.75 0.00	61.78 1.18 0.00	48.48 0.85 0.00	42.52 0.68 0.00	34.29 0.34 0.00
BEEBEE_GT_13 23619	27.28 -0.93 0.00	24.59 -0.73 0.00	12.80 -0.40 0.00	15.76 -0.51 0.00	20.03 -0.56 0.00	25.84 -0.73 0.00	27.99 -1.05 0.00	29.76 -1.33 0.00	36.09 -1.59 0.00	35.80 -1.50 0.00	39.37 -1.48 0.00	33.06 -1.17 0.00	37.72 -1.31 0.00	30.31 -1.30 0.00	28.27 -1.30 0.00	27.89 -1.19 0.00	30.24 -1.18 0.00	37.66 -1.49 0.00	58.75 -2.10 0.00	58.38 -1.74 0.00	58.56 -2.04 0.00	45.93 -1.71 0.00	40.27 -1.56 0.00	32.64 -1.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.61 2.41 0.00	27.39 2.07 0.00	14.27 1.07 0.00	17.59 1.32 0.00	22.27 1.67 0.00	28.65 2.08 0.00	31.19 2.16 0.00	39.31 2.15 -6.06	48.08 2.72 -7.68	48.24 2.72 -8.23	70.89 3.03 -27.01	252.76 2.37 -216.15	43.88 2.75 -2.09	67.10 2.47 -33.02	61.56 2.54 -29.45	60.91 2.51 -29.31	62.26 2.60 -28.24	45.70 3.14 -3.41	65.25 4.39 0.00	64.27 4.15 0.00	64.43 3.83 0.00	50.46 2.83 0.00	44.40 2.56 0.00	36.13 2.18 0.00
BETHLEHEM___GRP 23843	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.54 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.91 0.23 0.00	37.42 0.13 0.00	40.74 -0.11 0.00	34.23 -0.01 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.18 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.06 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.02 0.00	41.90 0.07 0.00	34.02 0.06 0.00
BETHLEHEM___GS1 323560	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.53 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.92 0.23 0.00	37.42 0.13 0.00	40.74 -0.10 0.00	34.22 -0.02 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.19 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.07 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.03 0.00	41.90 0.07 0.00	34.02 0.06 0.00
BETHLEHEM___GS2 323561	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.53 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.92 0.23 0.00	37.42 0.13 0.00	40.74 -0.10 0.00	34.22 -0.02 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.19 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.07 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.03 0.00	41.90 0.07 0.00	34.02 0.06 0.00
BETHLEHEM___GS3 323562	28.96 0.76 0.00	25.99 0.66 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.12 0.53 0.00	27.18 0.60 0.00	29.57 0.53 0.00	31.33 0.23 0.00	37.92 0.23 0.00	37.42 0.13 0.00	40.74 -0.10 0.00	34.22 -0.02 0.00	38.97 -0.06 0.00	31.69 0.08 0.00	29.76 0.19 0.00	29.29 0.20 0.00	31.46 0.03 0.00	39.21 0.07 0.00	60.87 0.02 0.00	59.97 -0.15 0.00	60.52 -0.08 0.00	47.66 0.03 0.00	41.90 0.07 0.00	34.02 0.06 0.00
BETHLEHEM___STEEL 23779	26.81 -1.40 0.00	24.27 -1.06 0.00	12.63 -0.58 0.00	15.55 -0.72 0.00	19.82 -0.77 0.00	25.51 -1.07 0.00	27.46 -1.57 0.00	29.07 -2.02 0.00	35.33 -2.35 0.00	35.16 -2.14 0.00	38.67 -2.18 0.00	32.60 -1.63 0.00	37.24 -1.79 0.00	29.69 -1.91 0.00	27.75 -1.83 0.00	27.44 -1.65 0.00	29.82 -1.60 0.00	37.21 -1.94 0.00	57.89 -2.96 0.00	57.66 -2.46 0.00	57.60 -3.00 0.00	45.09 -2.54 0.00	39.59 -2.24 0.00	32.00 -1.96 0.00
BETHLHEM_115KV_TB1 79974	28.98 0.78 0.00	26.01 0.68 0.00	13.57 0.37 0.00	16.73 0.45 0.00	21.14 0.55 0.00	27.19 0.62 0.00	29.60 0.56 0.00	31.39 0.29 0.00	37.99 0.31 0.00	37.52 0.22 0.00	40.87 0.02 0.00	34.32 0.08 0.00	39.08 0.05 0.00	31.76 0.15 0.00	29.82 0.24 0.00	29.35 0.26 0.00	31.54 0.12 0.00	39.30 0.16 0.00	61.03 0.18 0.00	60.13 0.01 0.00	60.67 0.06 0.00	47.78 0.14 0.00	42.00 0.16 0.00	34.10 0.14 0.00
BETHPAGE_CC_5 323564	62.66 2.76 -31.69	56.87 2.44 -29.11	44.73 1.28 -30.25	28.01 1.51 -10.22	45.43 1.92 -22.92	52.82 2.40 -23.84	49.61 2.50 -18.08	33.56 2.47 0.00	40.76 3.07 0.00	41.61 3.11 -1.21	56.52 3.46 -12.21	54.04 2.84 -16.96	45.86 3.20 -3.63	48.65 2.72 -14.32	41.16 2.62 -8.97	31.39 2.30 0.00	33.82 2.40 0.00	43.94 3.08 -1.71	68.15 4.49 -2.81	67.52 4.09 -3.31	68.24 3.75 -3.89	54.04 2.71 -3.69	46.48 2.64 -2.00	37.25 2.52 -0.77
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.91 -1.29 0.00	24.35 -0.98 0.00	12.67 -0.53 0.00	15.61 -0.66 0.00	19.89 -0.70 0.00	25.59 -0.98 0.00	27.58 -1.46 0.00	29.20 -1.89 0.00	35.50 -2.18 0.00	35.32 -1.97 0.00	38.85 -2.00 0.00	32.76 -1.47 0.00	37.41 -1.63 0.00	29.84 -1.77 0.00	27.88 -1.70 0.00	27.57 -1.51 0.00	29.97 -1.45 0.00	37.40 -1.74 0.00	58.20 -2.66 0.00	57.93 -2.19 0.00	57.86 -2.74 0.00	45.28 -2.35 0.00	39.75 -2.08 0.00	32.11 -1.84 0.00
BINGHAMTON___COGEN 23790	28.35 0.15 0.00	25.52 0.20 0.00	13.29 0.09 0.00	16.41 0.14 0.00	20.78 0.19 0.00	26.73 0.16 0.00	29.09 0.06 0.00	31.05 -0.04 0.00	37.66 -0.02 0.00	37.34 0.05 0.00	40.88 0.03 0.00	34.18 -0.06 0.00	38.99 -0.04 0.00	31.52 -0.09 0.00	29.45 -0.12 0.00	29.07 -0.02 0.00	31.45 0.03 0.00	39.32 0.17 0.00	60.99 0.14 0.00	60.35 0.24 0.00	60.55 -0.05 0.00	47.43 -0.20 0.00	41.65 -0.18 0.00	33.72 -0.23 0.00

BIXINCNT_115KV_LOAD 355685	27.42 -0.78 0.00	24.82 -0.51 0.00	12.89 -0.31 0.00	15.91 -0.36 0.00	20.22 -0.37 0.00	26.03 -0.54 0.00	28.14 -0.90 0.00	29.88 -1.21 0.00	36.38 -1.31 0.00	36.15 -1.15 0.00	39.75 -1.09 0.00	33.38 -0.85 0.00	38.07 -0.96 0.00	30.46 -1.15 0.00	28.47 -1.10 0.00	28.17 -0.92 0.00	30.58 -0.84 0.00	38.22 -0.93 0.00	59.43 -1.42 0.00	58.97 -1.15 0.00	58.66 -1.94 0.00	45.78 -1.85 0.00	40.08 -1.75 0.00	32.34 -1.62 0.00
BLACK RIVER___HYD 24047	27.51 -0.70 0.00	24.66 -0.67 0.00	13.03 -0.18 0.00	16.11 -0.16 0.00	20.45 -0.13 0.00	26.58 0.00 0.00	29.39 0.36 0.00	31.50 0.40 0.00	38.22 0.53 0.00	37.77 0.48 0.00	41.44 0.60 0.00	34.49 0.26 0.00	39.10 0.07 0.00	31.38 -0.23 0.00	28.87 -0.71 0.00	28.26 -0.83 0.00	30.82 -0.61 0.00	38.80 -0.35 0.00	61.29 0.44 0.00	61.13 1.01 0.00	62.24 1.64 0.00	48.86 1.22 0.00	42.80 0.96 0.00	34.47 0.52 0.00
BLACKRVR_115KV_TB2 79977	27.51 -0.70 0.00	24.66 -0.67 0.00	13.03 -0.18 0.00	16.11 -0.16 0.00	20.45 -0.14 0.00	26.58 0.00 0.00	29.39 0.36 0.00	31.50 0.40 0.00	38.22 0.53 0.00	37.77 0.48 0.00	41.45 0.60 0.00	34.49 0.26 0.00	39.10 0.07 0.00	31.38 -0.23 0.00	28.87 -0.71 0.00	28.26 -0.83 0.00	30.82 -0.60 0.00	38.80 -0.35 0.00	61.29 0.44 0.00	61.13 1.01 0.00	62.25 1.65 0.00	48.86 1.23 0.00	42.80 0.96 0.00	34.47 0.52 0.00
BLDWN_LI_69_KV_BK4 356085	86.94 2.70 -56.04	84.99 2.33 -57.33	75.16 1.25 -60.71	44.80 1.48 -27.05	72.89 1.87 -50.43	69.21 2.36 -40.28	63.93 2.44 -32.45	33.46 2.36 0.00	40.65 2.95 -0.02	43.54 3.02 -3.23	81.42 3.39 -37.19	72.85 2.72 -35.90	46.18 3.12 -4.03	50.20 2.68 -15.91	42.03 2.58 -9.88	31.42 2.33 0.00	33.85 2.43 0.00	42.25 3.10 0.00	65.43 4.57 0.00	64.38 4.27 0.00	64.62 4.01 0.00	50.65 3.02 0.00	46.03 2.84 -1.36	37.09 2.58 -0.56
BLISS_WT_PWR 323608	27.42 -0.79 0.00	24.80 -0.53 0.00	12.88 -0.33 0.00	15.91 -0.36 0.00	20.20 -0.39 0.00	26.02 -0.56 0.00	28.13 -0.91 0.00	29.87 -1.22 0.00	36.38 -1.30 0.00	36.17 -1.12 0.00	39.77 -1.07 0.00	33.42 -0.82 0.00	38.13 -0.90 0.00	30.49 -1.12 0.00	28.50 -1.08 0.00	28.19 -0.90 0.00	30.60 -0.83 0.00	38.22 -0.93 0.00	59.48 -1.37 0.00	58.97 -1.15 0.00	58.62 -1.98 0.00	45.73 -1.90 0.00	40.00 -1.83 0.00	32.25 -1.70 0.00
BLUESTONE___WT_PWR 323821	28.56 0.36 0.00	25.87 0.54 0.00	13.54 0.34 0.00	16.79 0.52 0.00	21.45 0.86 0.00	27.73 1.15 0.00	30.17 1.14 0.00	32.21 1.12 0.00	39.07 1.39 0.00	38.71 1.42 0.00	42.40 1.55 0.00	35.22 0.98 0.00	40.11 1.08 0.00	32.50 0.90 0.00	30.31 0.74 0.00	30.17 1.09 0.00	32.62 1.19 0.00	40.89 1.75 0.00	63.68 2.83 0.00	63.27 3.16 0.00	63.82 3.22 0.00	49.85 2.22 0.00	43.67 1.84 0.00	35.15 1.19 0.00
BLUE_CIRC_CHEM_DRP 24182	29.11 0.90 0.00	26.14 0.81 0.00	13.64 0.44 0.00	16.82 0.55 0.00	21.27 0.68 0.00	27.37 0.80 0.00	29.79 0.75 0.00	31.64 0.54 0.00	38.28 0.59 0.00	37.71 0.42 0.00	41.11 0.27 0.00	34.43 0.19 0.00	39.18 0.15 0.00	31.75 0.14 0.00	29.77 0.20 0.00	29.27 0.19 0.00	31.60 0.18 0.00	39.36 0.21 0.00	61.34 0.49 0.00	60.61 0.50 0.00	61.21 0.61 0.00	48.23 0.60 0.00	42.39 0.56 0.00	34.39 0.44 0.00
BOC_GAS_DRP 24189	28.99 0.79 0.00	26.02 0.69 0.00	13.57 0.37 0.00	16.73 0.46 0.00	21.14 0.55 0.00	27.21 0.64 0.00	29.62 0.58 0.00	31.51 0.41 0.00	38.18 0.50 0.00	37.72 0.43 0.00	41.18 0.33 0.00	34.52 0.29 0.00	39.32 0.29 0.00	31.93 0.32 0.00	29.96 0.39 0.00	29.49 0.40 0.00	31.75 0.33 0.00	39.55 0.40 0.00	61.39 0.54 0.00	60.50 0.38 0.00	60.97 0.37 0.00	48.01 0.38 0.00	42.22 0.39 0.00	34.27 0.32 0.00
BOONVILLE_115KV_TB1 79983	28.22 0.02 0.00	25.33 0.01 0.00	13.28 0.08 0.00	16.40 0.13 0.00	20.83 0.24 0.00	27.00 0.43 0.00	29.61 0.57 0.00	31.70 0.60 0.00	38.44 0.75 0.00	38.05 0.76 0.00	41.62 0.77 0.00	34.77 0.54 0.00	39.56 0.53 0.00	31.95 0.34 0.00	29.73 0.16 0.00	29.17 0.08 0.00	31.65 0.23 0.00	39.63 0.48 0.00	62.00 1.15 0.00	61.50 1.38 0.00	62.15 1.55 0.00	48.78 1.15 0.00	42.76 0.93 0.00	34.58 0.63 0.00
BORALEX_4TH_BRANCH 23824	29.75 1.54 0.00	26.65 1.33 0.00	13.93 0.72 0.00	17.16 0.90 0.00	21.69 1.10 0.00	27.93 1.35 0.00	30.40 1.36 0.00	32.41 1.32 0.00	39.18 1.50 0.00	38.57 1.28 0.00	41.77 0.93 0.00	34.89 0.66 0.00	39.68 0.65 0.00	32.34 0.73 0.00	30.42 0.85 0.00	29.97 0.88 0.00	32.20 0.77 0.00	40.09 0.94 0.00	62.31 1.46 0.00	61.30 1.19 0.00	62.34 1.74 0.00	49.33 1.70 0.00	43.45 1.62 0.00	35.00 1.05 0.00
BOWLINE___1 23526	30.02 1.82 0.00	26.90 1.57 0.00	14.03 0.82 0.00	17.23 0.96 0.00	21.81 1.23 0.00	28.02 1.44 0.00	30.51 1.47 0.00	32.52 1.43 0.00	39.50 1.82 0.00	39.16 1.87 0.00	42.97 2.13 0.00	35.97 1.73 0.00	41.06 2.03 0.00	33.40 1.80 0.00	31.40 1.82 0.00	30.87 1.78 0.00	33.26 1.84 0.00	41.38 2.23 0.00	64.14 3.29 0.00	63.11 2.99 0.00	63.30 2.70 0.00	49.55 1.92 0.00	43.56 1.73 0.00	35.42 1.47 0.00
BOWLINE___2 23595	30.02 1.82 0.00	26.90 1.57 0.00	14.03 0.82 0.00	17.23 0.96 0.00	21.81 1.23 0.00	28.02 1.44 0.00	30.51 1.47 0.00	32.52 1.43 0.00	39.50 1.82 0.00	39.16 1.87 0.00	42.97 2.13 0.00	35.97 1.73 0.00	41.06 2.03 0.00	33.40 1.80 0.00	31.40 1.82 0.00	30.87 1.78 0.00	33.26 1.84 0.00	41.38 2.23 0.00	64.14 3.29 0.00	63.11 2.99 0.00	63.30 2.70 0.00	49.55 1.92 0.00	43.56 1.73 0.00	35.42 1.47 0.00
BRADY___115KV_TB2 356060	27.98 -0.23 0.00	25.12 -0.21 0.00	13.10 -0.10 0.00	16.12 -0.14 0.00	20.43 -0.16 0.00	26.56 -0.02 0.00	29.46 0.43 0.00	31.80 0.71 0.00	38.52 0.84 0.00	38.05 0.76 0.00	41.61 0.76 0.00	34.84 0.60 0.00	39.67 0.64 0.00	31.97 0.36 0.00	29.86 0.29 0.00	29.31 0.22 0.00	31.71 0.29 0.00	39.26 0.11 0.00	61.52 0.67 0.00	61.34 1.22 0.00	62.26 1.66 0.00	48.90 1.27 0.00	43.06 1.22 0.00	34.83 0.88 0.00
BRANSCOMB___SOLAR 323811	29.59 1.38 0.00	26.52 1.19 0.00	13.84 0.63 0.00	17.05 0.78 0.00	21.54 0.96 0.00	27.80 1.23 0.00	30.47 1.43 0.00	32.59 1.50 0.00	39.26 1.58 0.00	38.65 1.36 0.00	42.10 1.25 0.00	35.02 0.78 0.00	39.90 0.87 0.00	32.46 0.85 0.00	30.50 0.93 0.00	30.05 0.96 0.00	32.47 1.05 0.00	40.38 1.23 0.00	63.10 2.25 0.00	62.29 2.17 0.00	63.04 2.44 0.00	49.64 2.01 0.00	43.54 1.71 0.00	35.15 1.20 0.00
BRDGHMPT_69_KV_BK1 55812	51.14 3.44 -19.49	43.83 2.68 -15.83	30.66 1.39 -16.07	21.13 1.64 -3.22	33.38 2.13 -10.67	46.89 2.75 -17.57	44.90 2.94 -12.92	34.23 3.13 0.00	41.44 3.76 0.00	41.81 4.14 -0.38	47.70 4.61 -2.24	47.22 3.99 -9.00	47.03 4.53 -3.47	47.69 3.95 -12.13	44.34 3.94 -10.83	32.64 3.55 0.00	35.18 3.75 0.00	123.16 5.02 -78.99	197.38 7.14 -129.39	219.52 6.69 -152.71	246.76 6.99 -179.18	222.85 5.15 -170.07	83.67 4.74 -37.10	48.40 4.20 -10.24

BRENTWOD_69_KV_W. BRTWOOD 56703	52.10 2.96 -20.94	45.37 2.64 -17.40	32.33 1.37 -17.75	21.95 1.63 -4.05	34.79 2.07 -12.13	47.49 2.60 -18.32	45.29 2.71 -13.55	33.76 2.66 0.00	40.92 3.24 0.00	41.07 3.30 -0.48	47.81 3.57 -3.39	46.76 3.01 -9.52	45.54 3.32 -3.19	46.68 2.80 -12.26	40.66 2.78 -8.30	31.48 2.39 0.00	33.78 2.36 0.00	58.65 3.03 -16.47	91.92 4.08 -26.99	95.74 3.77 -31.85	101.50 3.52 -37.37	85.68 2.57 -35.47	53.22 2.82 -8.57	39.35 2.81 -2.58
BRISTLHL_115KV_TB1 79998	27.66 -0.54 0.00	24.87 -0.46 0.00	12.96 -0.25 0.00	15.97 -0.30 0.00	20.22 -0.37 0.00	26.08 -0.49 0.00	28.39 -0.65 0.00	30.28 -0.81 0.00	36.72 -0.96 0.00	36.36 -0.94 0.00	39.82 -1.03 0.00	33.33 -0.90 0.00	37.94 -1.09 0.00	30.71 -0.90 0.00	28.59 -0.98 0.00	28.15 -0.94 0.00	30.47 -0.96 0.00	38.03 -1.11 0.00	59.27 -1.58 0.00	58.64 -1.48 0.00	59.05 -1.55 0.00	46.36 -1.27 0.00	40.65 -1.18 0.00	33.03 -0.92 0.00
BROOKHAVEN___DRP 24191	50.85 3.19 -19.45	43.88 2.77 -15.78	30.66 1.44 -16.02	21.17 1.71 -3.19	33.40 2.18 -10.63	46.87 2.76 -17.54	44.85 2.90 -12.91	34.01 2.92 0.00	41.22 3.54 0.00	41.33 3.67 -0.38	47.04 3.99 -2.20	46.59 3.39 -8.96	46.29 3.79 -3.47	46.92 3.19 -12.12	43.54 3.17 -10.80	31.86 2.77 0.00	34.26 2.84 0.00	121.29 3.75 -78.39	194.72 5.45 -128.42	216.80 5.12 -151.56	243.42 4.99 -177.84	220.10 3.68 -168.79	82.15 3.49 -36.83	47.38 3.26 -10.16
BROOKLYN_NAVY_YARD 23515	30.34 2.13 0.00	27.18 1.85 0.00	14.16 0.96 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.29 1.72 0.00	30.82 1.78 0.00	32.83 1.74 0.00	39.89 2.21 0.00	39.53 2.24 0.00	43.43 2.58 0.00	36.35 2.11 0.00	41.48 2.44 0.00	33.76 2.15 0.00	31.79 2.22 0.00	31.25 2.16 0.00	33.63 2.20 0.00	41.75 2.61 0.00	64.55 3.69 0.00	63.51 3.39 0.00	63.64 3.04 0.00	49.84 2.21 0.00	43.81 1.98 0.00	35.71 1.75 0.00
BROOKLYN___ARMY_DRP 323595	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.54 2.15 -216.15	43.65 2.53 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
BROOME_2_LFGE 323671	28.35 0.15 0.00	25.52 0.20 0.00	13.29 0.09 0.00	16.41 0.14 0.00	20.78 0.19 0.00	26.73 0.16 0.00	29.09 0.06 0.00	31.05 -0.04 0.00	37.66 -0.02 0.00	37.34 0.05 0.00	40.86 0.02 0.00	34.17 -0.06 0.00	38.98 -0.05 0.00	31.52 -0.09 0.00	29.45 -0.12 0.00	29.08 -0.01 0.00	31.45 0.03 0.00	39.31 0.17 0.00	60.99 0.13 0.00	60.35 0.23 0.00	60.55 -0.05 0.00	47.42 -0.21 0.00	41.65 -0.18 0.00	33.72 -0.23 0.00
BROOME___LFGE 323600	28.35 0.15 0.00	25.52 0.20 0.00	13.29 0.09 0.00	16.41 0.14 0.00	20.78 0.19 0.00	26.73 0.16 0.00	29.09 0.06 0.00	31.05 -0.04 0.00	37.66 -0.02 0.00	37.34 0.05 0.00	40.86 0.02 0.00	34.17 -0.06 0.00	38.98 -0.05 0.00	31.52 -0.09 0.00	29.45 -0.12 0.00	29.08 -0.01 0.00	31.45 0.03 0.00	39.31 0.17 0.00	60.99 0.13 0.00	60.35 0.23 0.00	60.55 -0.05 0.00	47.42 -0.21 0.00	41.65 -0.18 0.00	33.72 -0.23 0.00
BROWNFLS_115KV_TB 3_5 80003	27.03 -1.18 0.00	24.26 -1.07 0.00	12.74 -0.46 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.99 -0.58 0.00	28.79 -0.25 0.00	30.99 -0.10 0.00	37.57 -0.11 0.00	37.17 -0.12 0.00	40.72 -0.13 0.00	34.04 -0.19 0.00	38.67 -0.37 0.00	31.14 -0.47 0.00	28.89 -0.69 0.00	28.35 -0.74 0.00	30.74 -0.69 0.00	38.31 -0.84 0.00	60.19 -0.66 0.00	59.93 -0.19 0.00	60.84 0.24 0.00	47.76 0.13 0.00	41.98 0.15 0.00	33.90 -0.06 0.00
BROWNSV1_27_KV_LOAD 356125	30.64 2.43 0.00	27.43 2.11 0.00	14.30 1.10 0.00	17.54 1.27 0.00	22.20 1.61 0.00	28.55 1.98 0.00	31.11 2.08 0.00	33.17 2.07 0.00	40.30 2.62 0.00	39.97 2.68 0.00	43.91 3.06 0.00	36.75 2.51 0.00	41.94 2.91 0.00	34.13 2.52 0.00	32.14 2.56 0.00	31.60 2.51 0.00	34.01 2.59 0.00	42.24 3.09 0.00	65.33 4.48 0.00	64.29 4.18 0.00	64.45 3.85 0.00	50.44 2.80 0.00	44.33 2.50 0.00	36.10 2.14 0.00
BURROWS___LYONSDAL 23803	27.94 -0.27 0.00	25.09 -0.24 0.00	13.18 -0.02 0.00	16.29 0.02 0.00	20.72 0.13 0.00	26.88 0.31 0.00	29.52 0.49 0.00	31.61 0.52 0.00	38.34 0.66 0.00	37.95 0.66 0.00	41.52 0.68 0.00	34.68 0.45 0.00	39.43 0.40 0.00	31.83 0.22 0.00	29.56 -0.01 0.00	28.99 -0.10 0.00	31.47 0.05 0.00	39.42 0.27 0.00	61.79 0.94 0.00	61.36 1.24 0.00	62.06 1.46 0.00	48.71 1.08 0.00	42.71 0.88 0.00	34.50 0.55 0.00
CAITHNESS_CC_1 323624	50.72 3.10 -19.41	43.78 2.71 -15.74	30.59 1.41 -15.97	21.11 1.67 -3.17	33.31 2.13 -10.59	46.78 2.69 -17.52	44.75 2.82 -12.89	33.91 2.82 0.00	41.10 3.42 0.00	41.20 3.54 -0.37	46.85 3.84 -2.17	46.44 3.27 -8.93	46.13 3.63 -3.46	46.79 3.07 -12.11	43.40 3.06 -10.77	31.75 2.66 0.00	34.13 2.71 0.00	120.56 3.56 -77.85	193.56 5.17 -127.53	215.46 4.82 -150.51	241.87 4.67 -176.60	218.69 3.43 -167.63	81.69 3.27 -36.58	47.16 3.11 -10.10
CALPINE BETH_PAGE_GT4 24209	67.11 2.73 -36.17	61.70 2.41 -33.96	49.89 1.26 -35.43	30.52 1.50 -12.76	49.86 1.90 -27.37	55.04 2.37 -26.10	51.42 2.47 -19.91	33.52 2.43 0.00	40.73 3.04 -0.01	41.90 3.09 -1.52	60.12 3.45 -15.82	57.14 2.82 -20.08	46.07 3.18 -3.86	49.54 2.70 -15.23	41.64 2.55 -9.52	31.33 2.24 0.00	33.76 2.34 0.00	43.50 3.00 -1.35	67.44 4.37 -2.22	66.75 4.01 -2.62	67.38 3.71 -3.07	53.27 2.73 -2.91	46.44 2.69 -1.92	37.22 2.54 -0.73
CALPINE_BETH_PAGE_GT_4 323586	67.10 2.73 -36.17	61.70 2.41 -33.96	49.89 1.26 -35.43	30.53 1.50 -12.76	49.86 1.90 -27.37	55.04 2.37 -26.10	51.42 2.47 -19.91	33.53 2.43 0.00	40.72 3.04 -0.01	41.90 3.09 -1.52	60.13 3.46 -15.82	57.14 2.82 -20.08	46.07 3.18 -3.86	49.54 2.70 -15.23	41.65 2.55 -9.52	31.33 2.24 0.00	33.76 2.34 0.00	43.51 3.01 -1.35	67.44 4.37 -2.22	66.75 4.01 -2.62	67.38 3.71 -3.07	53.27 2.72 -2.91	46.45 2.70 -1.92	37.23 2.54 -0.73
CALPINE_BP_GT1 23823	67.10 2.73 -36.17	61.70 2.41 -33.96	49.89 1.26 -35.43	30.53 1.50 -12.76	49.86 1.90 -27.37	55.04 2.37 -26.10	51.42 2.47 -19.91	33.53 2.43 0.00	40.72 3.04 -0.01	41.90 3.09 -1.52	60.13 3.46 -15.82	57.14 2.82 -20.08	46.07 3.18 -3.86	49.54 2.70 -15.23	41.65 2.55 -9.52	31.33 2.24 0.00	33.76 2.34 0.00	43.51 3.01 -1.35	67.44 4.37 -2.22	66.75 4.01 -2.62	67.38 3.71 -3.07	53.27 2.72 -2.91	46.45 2.70 -1.92	37.23 2.54 -0.73
CALSPAN___DRP 24200	26.81 -1.40 0.00	24.27 -1.06 0.00	12.63 -0.58 0.00	15.55 -0.72 0.00	19.82 -0.77 0.00	25.51 -1.07 0.00	27.46 -1.57 0.00	29.07 -2.02 0.00	35.33 -2.35 0.00	35.16 -2.14 0.00	38.67 -2.18 0.00	32.60 -1.63 0.00	37.24 -1.79 0.00	29.69 -1.91 0.00	27.75 -1.83 0.00	27.44 -1.65 0.00	29.82 -1.60 0.00	37.21 -1.94 0.00	57.89 -2.96 0.00	57.66 -2.46 0.00	57.60 -3.00 0.00	45.09 -2.54 0.00	39.59 -2.24 0.00	32.00 -1.96 0.00

CALVERTON___SOLAR 323806	50.94 3.27 -19.46	43.94 2.82 -15.79	30.70 1.46 -16.03	21.21 1.74 -3.20	33.44 2.21 -10.64	46.93 2.81 -17.55	44.92 2.97 -12.91	34.11 3.01 0.00	41.33 3.65 0.00	41.46 3.79 -0.38	47.19 4.13 -2.21	46.74 3.53 -8.97	46.43 3.93 -3.47	47.05 3.32 -12.12	43.68 3.30 -10.81	31.98 2.89 0.00	34.40 2.97 0.00	121.74 3.95 -78.65	195.43 5.74 -128.84	217.59 5.41 -152.06	244.36 5.34 -178.41	220.90 3.93 -169.34	82.48 3.71 -36.95	47.58 3.43 -10.20
CANDIGU_WT_PWR 323617	27.63 -0.57 0.00	24.91 -0.42 0.00	12.96 -0.24 0.00	16.03 -0.23 0.00	20.35 -0.23 0.00	26.19 -0.38 0.00	28.38 -0.66 0.00	30.05 -1.04 0.00	36.25 -1.44 0.00	36.13 -1.16 0.00	39.65 -1.20 0.00	33.12 -1.12 0.00	37.91 -1.12 0.00	30.42 -1.19 0.00	28.51 -1.06 0.00	28.27 -0.82 0.00	30.71 -0.71 0.00	38.31 -0.84 0.00	59.37 -1.48 0.00	59.13 -0.99 0.00	59.23 -1.37 0.00	46.28 -1.36 0.00	40.66 -1.17 0.00	32.68 -1.27 0.00
CARR STREET_E_SYR 24060	28.03 -0.17 0.00	25.18 -0.14 0.00	13.12 -0.08 0.00	16.17 -0.10 0.00	20.48 -0.11 0.00	26.40 -0.17 0.00	28.77 -0.27 0.00	30.74 -0.35 0.00	37.31 -0.37 0.00	36.95 -0.34 0.00	40.46 -0.39 0.00	33.79 -0.45 0.00	38.50 -0.53 0.00	31.15 -0.46 0.00	29.07 -0.50 0.00	28.61 -0.48 0.00	30.99 -0.43 0.00	38.67 -0.48 0.00	60.14 -0.71 0.00	59.50 -0.61 0.00	59.87 -0.73 0.00	46.95 -0.68 0.00	41.20 -0.63 0.00	33.45 -0.50 0.00
CARTHAGE___PAPER 23857	27.53 -0.67 0.00	24.71 -0.62 0.00	13.04 -0.16 0.00	16.12 -0.15 0.00	20.50 -0.08 0.00	26.68 0.10 0.00	29.50 0.47 0.00	31.65 0.56 0.00	38.37 0.69 0.00	37.92 0.62 0.00	41.56 0.72 0.00	34.63 0.40 0.00	39.32 0.29 0.00	31.62 0.02 0.00	29.10 -0.48 0.00	28.53 -0.56 0.00	31.06 -0.36 0.00	39.02 -0.12 0.00	61.59 0.74 0.00	61.41 1.29 0.00	62.44 1.84 0.00	49.00 1.37 0.00	42.95 1.12 0.00	34.60 0.64 0.00
CASSADAGA_WT_PWR 323784	26.91 -1.30 0.00	24.39 -0.93 0.00	12.76 -0.44 0.00	15.81 -0.45 0.00	20.13 -0.46 0.00	25.89 -0.69 0.00	28.09 -0.95 0.00	29.94 -1.15 0.00	36.47 -1.21 0.00	36.49 -0.81 0.00	40.21 -0.64 0.00	33.85 -0.39 0.00	38.68 -0.35 0.00	30.94 -0.67 0.00	28.89 -0.68 0.00	28.61 -0.47 0.00	31.00 -0.42 0.00	38.75 -0.40 0.00	60.32 -0.53 0.00	59.82 -0.30 0.00	59.28 -1.32 0.00	45.77 -1.86 0.00	40.08 -1.75 0.00	32.10 -1.86 0.00
CE_DUNWOOD___DRP 24194	30.23 2.03 0.00	27.09 1.77 0.00	14.12 0.92 0.00	17.34 1.07 0.00	21.95 1.36 0.00	28.22 1.65 0.00	30.72 1.68 0.00	32.73 1.64 0.00	39.76 2.08 0.00	39.41 2.12 0.00	43.25 2.40 0.00	36.22 1.98 0.00	41.33 2.30 0.00	33.63 2.02 0.00	31.62 2.05 0.00	31.09 2.00 0.00	33.47 2.05 0.00	41.62 2.47 0.00	64.46 3.61 0.00	63.42 3.30 0.00	63.61 3.01 0.00	49.81 2.18 0.00	43.80 1.96 0.00	35.64 1.69 0.00
CE_MILLWOOD___DRP 24193	30.14 1.93 0.00	27.00 1.68 0.00	14.08 0.87 0.00	17.29 1.02 0.00	21.89 1.30 0.00	28.12 1.55 0.00	30.63 1.59 0.00	32.64 1.55 0.00	39.63 1.95 0.00	39.29 2.00 0.00	43.10 2.25 0.00	36.10 1.86 0.00	41.20 2.17 0.00	33.52 2.02 0.00	31.51 1.93 0.00	30.98 1.89 0.00	33.36 1.94 0.00	41.50 2.35 0.00	64.29 3.44 0.00	63.26 3.14 0.00	63.46 2.85 0.00	49.69 2.06 0.00	43.67 1.84 0.00	35.54 1.58 0.00
CE_NYC2_DRP 24202	30.46 2.25 0.00	27.28 1.95 0.00	14.22 1.02 0.00	17.47 1.20 0.00	22.11 1.52 0.00	28.44 1.87 0.00	30.95 1.91 0.00	32.98 1.88 0.00	40.08 2.39 0.00	39.72 2.43 0.00	43.61 2.76 0.00	36.46 2.22 0.00	41.61 2.58 0.00	33.90 2.29 0.00	31.94 2.37 0.00	31.39 2.30 0.00	33.78 2.35 0.00	41.95 2.81 0.00	64.84 3.99 0.00	63.81 3.69 0.00	63.95 3.35 0.00	50.07 2.44 0.00	44.03 2.20 0.00	35.87 1.92 0.00
CE_NYC_DRP 24195	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.44 1.17 0.00	22.07 1.48 0.00	28.38 1.80 0.00	30.91 1.87 0.00	32.92 1.83 0.00	40.01 2.33 0.00	39.98 2.38 -0.31	43.89 2.72 -0.33	36.47 2.23 0.00	41.62 2.59 0.00	33.89 2.28 0.00	31.90 2.33 0.00	31.36 2.27 0.00	33.74 2.32 0.00	41.91 2.77 0.00	64.83 3.97 0.00	63.78 3.66 0.00	63.93 3.33 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.85 1.89 0.00
CHAFFEE___LFGE 323603	26.99 -1.21 0.00	24.42 -0.91 0.00	12.70 -0.50 0.00	15.65 -0.62 0.00	19.93 -0.66 0.00	25.66 -0.91 0.00	27.64 -1.39 0.00	29.29 -1.80 0.00	35.57 -2.11 0.00	35.38 -1.91 0.00	38.92 -1.93 0.00	32.83 -1.41 0.00	37.49 -1.54 0.00	29.88 -1.72 0.00	27.93 -1.64 0.00	27.63 -1.46 0.00	30.02 -1.40 0.00	37.46 -1.69 0.00	58.33 -2.52 0.00	58.05 -2.07 0.00	58.00 -2.60 0.00	45.41 -2.22 0.00	39.85 -1.98 0.00	32.20 -1.75 0.00
CHATEAUG_35_KV_LOAD 355732	27.99 -0.22 0.00	25.13 -0.20 0.00	13.10 -0.10 0.00	16.12 -0.15 0.00	20.40 -0.18 0.00	26.45 -0.12 0.00	29.24 0.20 0.00	31.56 0.46 0.00	38.24 0.55 0.00	37.80 0.51 0.00	41.42 0.57 0.00	34.79 0.56 0.00	39.67 0.64 0.00	32.06 0.45 0.00	29.97 0.39 0.00	29.45 0.36 0.00	31.88 0.45 0.00	39.66 0.52 0.00	61.73 0.88 0.00	61.31 1.19 0.00	62.11 1.51 0.00	48.86 1.23 0.00	42.82 0.99 0.00	34.64 0.68 0.00
CHATEAUG_WT_PWR 323614	27.97 -0.23 0.00	25.13 -0.20 0.00	13.11 -0.10 0.00	16.13 -0.14 0.00	20.41 -0.18 0.00	26.44 -0.13 0.00	29.22 0.19 0.00	31.52 0.42 0.00	38.22 0.54 0.00	37.78 0.49 0.00	41.45 0.60 0.00	34.82 0.58 0.00	39.69 0.66 0.00	32.09 0.48 0.00	30.00 0.42 0.00	29.49 0.40 0.00	31.91 0.49 0.00	39.71 0.56 0.00	61.80 0.95 0.00	61.23 1.11 0.00	61.99 1.38 0.00	48.75 1.12 0.00	42.76 0.92 0.00	34.58 0.63 0.00
CHAT_HIGH_FALL_HYD 323578	27.99 -0.22 0.00	25.13 -0.20 0.00	13.10 -0.10 0.00	16.12 -0.15 0.00	20.40 -0.18 0.00	26.45 -0.12 0.00	29.24 0.20 0.00	31.56 0.46 0.00	38.24 0.55 0.00	37.80 0.51 0.00	41.42 0.57 0.00	34.79 0.56 0.00	39.67 0.64 0.00	32.06 0.45 0.00	29.97 0.39 0.00	29.45 0.36 0.00	31.88 0.45 0.00	39.66 0.52 0.00	61.73 0.88 0.00	61.31 1.19 0.00	62.11 1.51 0.00	48.86 1.23 0.00	42.82 0.99 0.00	34.64 0.68 0.00
CHAUTAUQUA___LFGE 323629	26.99 -1.21 0.00	24.46 -0.87 0.00	12.76 -0.45 0.00	15.77 -0.50 0.00	20.08 -0.51 0.00	25.80 -0.78 0.00	27.89 -1.15 0.00	29.66 -1.43 0.00	36.05 -1.63 0.00	35.98 -1.31 0.00	39.55 -1.30 0.00	33.31 -0.92 0.00	38.12 -0.91 0.00	30.45 -1.16 0.00	28.43 -1.15 0.00	28.15 -0.94 0.00	30.54 -0.88 0.00	38.20 -0.95 0.00	59.43 -1.42 0.00	59.05 -1.07 0.00	58.71 -1.89 0.00	45.57 -2.07 0.00	39.96 -1.88 0.00	32.15 -1.81 0.00
CHERRYST_13_KV_LD 356241	30.52 2.32 0.00	27.34 2.01 0.00	14.25 1.05 0.00	17.48 1.22 0.00	22.13 1.54 0.00	28.46 1.89 0.00	31.01 1.98 0.00	33.04 1.95 0.00	40.16 2.48 0.00	39.82 2.53 0.00	43.74 2.89 0.00	36.61 2.37 0.00	41.78 2.75 0.00	34.01 2.41 0.00	32.02 2.45 0.00	31.48 2.39 0.00	33.88 2.46 0.00	42.07 2.93 0.00	65.07 4.21 0.00	64.00 3.88 0.00	64.13 3.52 0.00	50.20 2.56 0.00	44.12 2.28 0.00	35.94 1.99 0.00

CHESTROR_138KV_BK263 355645	29.84 1.64 0.00	26.74 1.41 0.00	13.95 0.74 0.00	17.14 0.87 0.00	21.70 1.11 0.00	27.88 1.31 0.00	30.36 1.32 0.00	32.38 1.29 0.00	39.30 1.62 0.00	38.95 1.66 0.00	42.72 1.88 0.00	35.77 1.53 0.00	40.79 1.76 0.00	33.17 1.56 0.00	31.16 1.59 0.00	30.66 1.57 0.00	33.04 1.62 0.00	41.14 1.99 0.00	63.80 2.95 0.00	62.85 2.73 0.00	63.06 2.46 0.00	49.40 1.77 0.00	43.42 1.58 0.00	35.27 1.32 0.00
CH_MIDHUDSON___DRP 24192	30.06 1.85 0.00	26.95 1.62 0.00	14.05 0.85 0.00	17.27 1.00 0.00	21.85 1.26 0.00	28.09 1.52 0.00	30.58 1.54 0.00	32.60 1.51 0.00	39.58 1.90 0.00	39.21 1.92 0.00	42.99 2.14 0.00	35.99 1.75 0.00	41.07 2.04 0.00	33.39 1.78 0.00	31.37 1.79 0.00	30.84 1.76 0.00	33.26 1.83 0.00	41.41 2.26 0.00	64.18 3.33 0.00	63.19 3.07 0.00	63.44 2.83 0.00	49.72 2.09 0.00	43.68 1.85 0.00	35.50 1.54 0.00
CH_MISC_IPPS 23765	30.22 2.01 0.00	27.08 1.75 0.00	14.12 0.91 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	32.80 1.71 0.00	39.84 2.15 0.00	39.46 2.17 0.00	43.30 2.45 0.00	36.21 1.98 0.00	41.32 2.29 0.00	33.62 2.01 0.00	31.55 1.98 0.00	31.04 1.96 0.00	33.49 2.07 0.00	41.74 2.59 0.00	64.72 3.87 0.00	63.73 3.61 0.00	63.93 3.34 0.00	50.08 2.44 0.00	43.97 2.14 0.00	35.72 1.76 0.00
CH_RES_BVR_FALLS 23983	27.70 -0.50 0.00	24.96 -0.37 0.00	13.04 -0.16 0.00	16.09 -0.18 0.00	20.38 -0.21 0.00	26.36 -0.22 0.00	28.95 -0.09 0.00	31.08 -0.02 0.00	37.68 0.00 0.00	37.29 0.00 0.00	40.90 0.05 0.00	34.31 0.07 0.00	39.11 0.07 0.00	31.63 0.03 0.00	29.57 -0.01 0.00	29.04 -0.05 0.00	31.39 -0.04 0.00	39.06 -0.08 0.00	60.87 0.02 0.00	60.22 0.10 0.00	60.78 0.18 0.00	47.78 0.15 0.00	41.96 0.12 0.00	34.02 0.06 0.00
CH_RES_NIAGARA 23895	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.44 -2.59 0.00	27.91 -3.18 0.00	33.93 -3.76 0.00	33.74 -3.55 0.00	37.15 -3.70 0.00	31.42 -2.82 0.00	35.85 -3.18 0.00	28.51 -3.10 0.00	26.61 -2.96 0.00	26.25 -2.83 0.00	28.53 -2.89 0.00	35.51 -3.63 0.00	55.30 -5.55 0.00	55.12 -5.00 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
CH_RES_SYRACUSE 23985	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.13 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.37 0.08 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.53 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.97 -0.45 0.00	38.69 -0.46 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
CLINTON_WT_PWR 323605	27.97 -0.23 0.00	25.13 -0.20 0.00	13.11 -0.10 0.00	16.13 -0.14 0.00	20.41 -0.18 0.00	26.44 -0.13 0.00	29.22 0.19 0.00	31.52 0.42 0.00	38.22 0.54 0.00	37.78 0.49 0.00	41.45 0.60 0.00	34.82 0.58 0.00	39.69 0.66 0.00	32.09 0.48 0.00	30.00 0.42 0.00	29.49 0.40 0.00	31.91 0.49 0.00	39.71 0.56 0.00	61.80 0.95 0.00	61.23 1.11 0.00	61.99 1.38 0.00	48.75 1.12 0.00	42.76 0.92 0.00	34.58 0.63 0.00
CLINTON___LFGE 323618	28.22 0.02 0.00	25.34 0.01 0.00	13.22 0.02 0.00	16.27 0.01 0.00	20.58 -0.01 0.00	26.66 0.09 0.00	29.54 0.50 0.00	31.87 0.78 0.00	38.66 0.98 0.00	38.14 0.85 0.00	41.80 0.95 0.00	35.10 0.86 0.00	40.02 0.99 0.00	32.38 0.77 0.00	30.32 0.74 0.00	29.81 0.72 0.00	32.28 0.86 0.00	40.20 1.05 0.00	62.53 1.67 0.00	62.10 1.98 0.00	62.94 2.34 0.00	49.50 1.87 0.00	43.35 1.52 0.00	35.01 1.06 0.00
COBBLENY_34_KV_TB1 80064	26.99 -1.21 0.00	24.42 -0.91 0.00	12.70 -0.50 0.00	15.65 -0.62 0.00	19.93 -0.66 0.00	25.66 -0.91 0.00	27.64 -1.40 0.00	29.30 -1.79 0.00	35.59 -2.09 0.00	35.39 -1.90 0.00	38.93 -1.91 0.00	32.82 -1.42 0.00	37.46 -1.57 0.00	29.88 -1.73 0.00	27.93 -1.65 0.00	27.63 -1.46 0.00	30.03 -1.40 0.00	37.48 -1.67 0.00	58.33 -2.52 0.00	58.05 -2.06 0.00	58.00 -2.60 0.00	45.41 -2.22 0.00	39.86 -1.97 0.00	32.21 -1.75 0.00
COFFEEN___115KV_TB3 355620	27.64 -0.57 0.00	24.77 -0.55 0.00	13.08 -0.13 0.00	16.16 -0.11 0.00	20.51 -0.08 0.00	26.66 0.09 0.00	29.50 0.46 0.00	31.59 0.50 0.00	38.32 0.64 0.00	37.86 0.57 0.00	41.56 0.71 0.00	34.56 0.33 0.00	39.13 0.10 0.00	31.36 -0.25 0.00	28.84 -0.73 0.00	28.22 -0.87 0.00	30.79 -0.63 0.00	38.83 -0.31 0.00	61.39 0.54 0.00	61.29 1.18 0.00	62.52 1.92 0.00	49.08 1.45 0.00	42.97 1.13 0.00	34.58 0.63 0.00
COLDSPRG_115KV_BK1 355956	27.70 -0.51 0.00	25.09 -0.24 0.00	13.08 -0.12 0.00	16.16 -0.11 0.00	20.56 -0.03 0.00	26.46 -0.11 0.00	28.69 -0.34 0.00	30.59 -0.50 0.00	37.17 -0.51 0.00	37.02 -0.27 0.00	40.74 -0.11 0.00	34.16 -0.08 0.00	38.96 -0.07 0.00	31.21 -0.40 0.00	29.16 -0.41 0.00	28.93 -0.16 0.00	31.34 -0.08 0.00	39.20 0.05 0.00	60.95 0.10 0.00	60.39 0.27 0.00	60.04 -0.56 0.00	46.66 -0.98 0.00	40.91 -0.92 0.00	32.92 -1.03 0.00
COLONIE_LFGE___ 323577	29.33 1.13 0.00	26.30 0.98 0.00	13.73 0.53 0.00	16.92 0.65 0.00	21.38 0.79 0.00	27.54 0.96 0.00	30.03 1.00 0.00	32.02 0.93 0.00	38.72 1.04 0.00	38.19 0.89 0.00	41.54 0.69 0.00	34.71 0.48 0.00	39.53 0.50 0.00	32.16 0.55 0.00	30.21 0.64 0.00	29.76 0.67 0.00	32.07 0.64 0.00	39.97 0.82 0.00	62.25 1.40 0.00	61.32 1.20 0.00	62.05 1.45 0.00	48.92 1.29 0.00	42.95 1.12 0.00	34.74 0.78 0.00
COOPERNY_115KV_TB1 80082	29.39 1.19 0.00	26.36 1.04 0.00	13.75 0.54 0.00	16.91 0.64 0.00	21.40 0.81 0.00	27.52 0.95 0.00	29.99 0.96 0.00	32.01 0.92 0.00	38.83 1.15 0.00	38.47 1.18 0.00	42.18 1.34 0.00	35.32 1.08 0.00	40.28 1.25 0.00	32.72 1.12 0.00	30.70 1.12 0.00	30.20 1.12 0.00	32.58 1.15 0.00	40.57 1.42 0.00	62.95 2.10 0.00	62.02 1.90 0.00	62.29 1.69 0.00	48.84 1.21 0.00	42.93 1.10 0.00	34.88 0.92 0.00
COPENHAGEN_WT_PWR 323753	27.34 -0.87 0.00	24.50 -0.82 0.00	12.97 -0.23 0.00	16.04 -0.22 0.00	20.39 -0.20 0.00	26.42 -0.15 0.00	29.25 0.21 0.00	31.34 0.25 0.00	38.06 0.37 0.00	37.63 0.34 0.00	41.29 0.44 0.00	34.39 0.15 0.00	39.00 -0.04 0.00	31.31 -0.29 0.00	28.81 -0.76 0.00	28.20 -0.89 0.00	30.73 -0.69 0.00	38.66 -0.48 0.00	61.06 0.21 0.00	60.91 0.79 0.00	61.95 1.35 0.00	48.62 0.99 0.00	42.61 0.78 0.00	34.34 0.39 0.00
CORNELL_____ 23752	28.65 0.44 0.00	25.74 0.42 0.00	13.40 0.20 0.00	16.54 0.27 0.00	20.96 0.37 0.00	27.03 0.45 0.00	29.50 0.47 0.00	31.53 0.44 0.00	38.18 0.50 0.00	37.75 0.46 0.00	41.26 0.42 0.00	34.24 0.00 0.00	39.09 0.05 0.00	31.56 -0.05 0.00	29.47 -0.11 0.00	29.13 0.04 0.00	31.67 0.25 0.00	39.65 0.51 0.00	61.67 0.82 0.00	61.18 1.07 0.00	61.67 1.07 0.00	48.33 0.70 0.00	42.35 0.52 0.00	34.25 0.29 0.00

CORONA__69_KV_TB1 355595	126.88 2.66 -96.02	129.72 2.37 -102.02	123.08 1.23 -108.64	69.67 1.47 -51.93	115.07 1.84 -92.64	92.37 2.30 -63.50	83.52 2.38 -52.11	33.39 2.30 0.00	40.64 2.91 -0.05	46.49 2.99 -6.21	117.61 3.36 -73.40	102.16 2.67 -65.26	47.57 3.09 -5.46	55.81 2.66 -21.54	45.63 2.68 -13.38	31.52 2.43 0.00	33.95 2.53 0.00	42.31 3.17 0.00	65.55 4.70 0.00	64.50 4.39 0.00	64.70 4.10 0.00	50.66 3.02 0.00	46.45 2.78 -1.84	37.05 2.53 -0.56
CORTLAND__115KV_TB3 80093	28.50 0.30 0.00	25.62 0.28 0.00	13.34 0.14 0.00	16.46 0.20 0.00	20.85 0.25 0.00	26.87 0.30 0.00	29.31 0.28 0.00	31.32 0.23 0.00	37.98 0.30 0.00	37.59 0.30 0.00	41.11 0.26 0.00	34.27 0.03 0.00	39.07 0.03 0.00	31.59 -0.02 0.00	29.48 -0.10 0.00	29.05 -0.04 0.00	31.50 0.08 0.00	39.44 0.29 0.00	61.31 0.46 0.00	60.71 0.59 0.00	61.11 0.52 0.00	47.92 0.29 0.00	42.02 0.19 0.00	34.03 0.08 0.00
COXSACKIE__GT 23611	30.07 1.87 0.00	26.98 1.65 0.00	14.06 0.85 0.00	17.33 1.07 0.00	21.91 1.32 0.00	28.28 1.71 0.00	30.91 1.87 0.00	32.92 1.83 0.00	39.79 2.10 0.00	39.13 1.84 0.00	42.40 1.55 0.00	35.34 1.11 0.00	40.13 1.10 0.00	32.50 0.90 0.00	30.38 0.81 0.00	29.89 0.80 0.00	32.04 0.62 0.00	40.42 1.28 0.00	63.55 2.70 0.00	63.22 3.10 0.00	64.09 3.49 0.00	50.45 2.82 0.00	44.17 2.34 0.00	35.68 1.72 0.00
CPV_VALLEY__CC1 323721	29.65 1.44 0.00	26.58 1.25 0.00	13.86 0.66 0.00	17.04 0.77 0.00	21.57 0.98 0.00	27.72 1.14 0.00	30.18 1.15 0.00	32.20 1.11 0.00	39.07 1.39 0.00	38.72 1.43 0.00	42.46 1.62 0.00	35.57 1.33 0.00	40.56 1.53 0.00	32.98 1.37 0.00	30.97 1.40 0.00	30.47 1.38 0.00	32.84 1.42 0.00	40.87 1.72 0.00	63.37 2.52 0.00	62.40 2.29 0.00	62.64 2.04 0.00	49.08 1.45 0.00	43.14 1.31 0.00	35.07 1.11 0.00
CPV_VALLEY__CC2 323722	29.65 1.44 0.00	26.58 1.25 0.00	13.86 0.66 0.00	17.04 0.77 0.00	21.57 0.98 0.00	27.72 1.14 0.00	30.18 1.15 0.00	32.20 1.11 0.00	39.07 1.39 0.00	38.72 1.43 0.00	42.46 1.62 0.00	35.57 1.33 0.00	40.56 1.53 0.00	32.98 1.37 0.00	30.97 1.40 0.00	30.47 1.38 0.00	32.84 1.42 0.00	40.87 1.72 0.00	63.37 2.52 0.00	62.40 2.29 0.00	62.64 2.04 0.00	49.08 1.45 0.00	43.14 1.31 0.00	35.07 1.11 0.00
CRESCENT__HYD 24018	29.33 1.13 0.00	26.30 0.98 0.00	13.73 0.53 0.00	16.92 0.65 0.00	21.38 0.79 0.00	27.54 0.96 0.00	30.03 1.00 0.00	32.02 0.93 0.00	38.72 1.04 0.00	38.19 0.89 0.00	41.54 0.69 0.00	34.71 0.48 0.00	39.53 0.50 0.00	32.16 0.55 0.00	30.21 0.64 0.00	29.76 0.67 0.00	32.07 0.64 0.00	39.97 0.82 0.00	62.25 1.40 0.00	61.32 1.20 0.00	62.05 1.45 0.00	48.92 1.29 0.00	42.95 1.12 0.00	34.74 0.78 0.00
CRICKET__VALLEY_CC1 323756	29.80 1.60 0.00	26.75 1.42 0.00	13.95 0.74 0.00	17.15 0.88 0.00	21.69 1.10 0.00	27.85 1.27 0.00	30.26 1.22 0.00	32.25 1.16 0.00	39.15 1.47 0.00	38.78 1.50 0.00	42.53 1.68 0.00	35.61 1.37 0.00	40.62 1.59 0.00	33.05 1.44 0.00	31.06 1.49 0.00	30.55 1.46 0.00	32.91 1.48 0.00	40.93 1.78 0.00	63.39 2.54 0.00	62.38 2.26 0.00	62.63 2.04 0.00	49.11 1.48 0.00	43.17 1.34 0.00	35.12 1.16 0.00
CRICKET__VALLEY_CC2 323757	29.80 1.60 0.00	26.75 1.42 0.00	13.95 0.74 0.00	17.15 0.88 0.00	21.69 1.10 0.00	27.85 1.27 0.00	30.26 1.22 0.00	32.25 1.16 0.00	39.15 1.47 0.00	38.78 1.50 0.00	42.53 1.68 0.00	35.61 1.37 0.00	40.62 1.59 0.00	33.05 1.44 0.00	31.06 1.49 0.00	30.55 1.46 0.00	32.91 1.48 0.00	40.93 1.78 0.00	63.39 2.54 0.00	62.38 2.26 0.00	62.63 2.04 0.00	49.11 1.48 0.00	43.17 1.34 0.00	35.12 1.16 0.00
CRICKET__VALLEY_CC3 323758	29.80 1.60 0.00	26.75 1.42 0.00	13.95 0.74 0.00	17.15 0.88 0.00	21.69 1.10 0.00	27.85 1.27 0.00	30.26 1.22 0.00	32.25 1.16 0.00	39.15 1.47 0.00	38.78 1.50 0.00	42.53 1.68 0.00	35.61 1.37 0.00	40.62 1.59 0.00	33.05 1.44 0.00	31.06 1.49 0.00	30.55 1.46 0.00	32.91 1.48 0.00	40.93 1.78 0.00	63.39 2.54 0.00	62.38 2.26 0.00	62.63 2.04 0.00	49.11 1.48 0.00	43.17 1.34 0.00	35.12 1.16 0.00
CRUCIBLE_METL_DRP 24180	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.12 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.38 0.09 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.54 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.98 -0.45 0.00	38.69 -0.45 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
DAHOWA__HYDRO 323763	29.68 1.47 0.00	26.58 1.25 0.00	13.88 0.67 0.00	17.10 0.83 0.00	21.61 1.02 0.00	27.89 1.32 0.00	30.62 1.59 0.00	32.79 1.70 0.00	39.48 1.80 0.00	38.83 1.54 0.00	42.27 1.42 0.00	35.13 0.89 0.00	40.02 0.99 0.00	32.60 0.99 0.00	30.61 1.04 0.00	30.17 1.09 0.00	32.65 1.22 0.00	40.58 1.43 0.00	63.43 2.58 0.00	62.65 2.53 0.00	63.45 2.84 0.00	49.97 2.33 0.00	43.79 1.96 0.00	35.29 1.34 0.00
DANC__LFGE 323619	27.52 -0.69 0.00	24.69 -0.64 0.00	12.99 -0.22 0.00	16.04 -0.23 0.00	20.33 -0.25 0.00	26.29 -0.28 0.00	28.93 -0.11 0.00	30.95 -0.14 0.00	37.55 -0.13 0.00	37.18 -0.11 0.00	40.79 -0.06 0.00	34.02 -0.22 0.00	38.65 -0.38 0.00	31.11 -0.50 0.00	28.77 -0.80 0.00	28.21 -0.88 0.00	30.65 -0.77 0.00	38.40 -0.75 0.00	60.35 -0.50 0.00	60.05 -0.07 0.00	60.87 0.27 0.00	47.78 0.15 0.00	41.94 0.11 0.00	33.89 -0.06 0.00
DANSKAMMER__1 23586	30.22 2.01 0.00	27.08 1.75 0.00	14.12 0.91 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	32.80 1.71 0.00	39.84 2.15 0.00	39.46 2.17 0.00	43.30 2.45 0.00	36.21 1.98 0.00	41.32 2.29 0.00	33.62 2.01 0.00	31.55 1.98 0.00	31.04 1.96 0.00	33.49 2.07 0.00	41.74 2.59 0.00	64.72 3.87 0.00	63.73 3.61 0.00	63.93 3.34 0.00	50.08 2.44 0.00	43.97 2.14 0.00	35.72 1.76 0.00
DANSKAMMER__2 23589	30.22 2.01 0.00	27.08 1.75 0.00	14.12 0.91 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	32.80 1.71 0.00	39.84 2.15 0.00	39.46 2.17 0.00	43.30 2.45 0.00	36.21 1.98 0.00	41.32 2.29 0.00	33.62 2.01 0.00	31.55 1.98 0.00	31.04 1.96 0.00	33.49 2.07 0.00	41.74 2.59 0.00	64.72 3.87 0.00	63.73 3.61 0.00	63.93 3.34 0.00	50.08 2.44 0.00	43.97 2.14 0.00	35.72 1.76 0.00
DANSKAMMER__3 23590	30.22 2.01 0.00	27.08 1.75 0.00	14.12 0.91 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	32.80 1.71 0.00	39.84 2.15 0.00	39.46 2.17 0.00	43.30 2.45 0.00	36.21 1.98 0.00	41.32 2.29 0.00	33.62 2.01 0.00	31.55 1.98 0.00	31.04 1.96 0.00	33.49 2.07 0.00	41.74 2.59 0.00	64.72 3.87 0.00	63.73 3.61 0.00	63.93 3.34 0.00	50.08 2.44 0.00	43.97 2.14 0.00	35.72 1.76 0.00

DANSKAMMER___4 23591	30.22 2.01 0.00	27.08 1.75 0.00	14.12 0.91 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	32.80 1.71 0.00	39.84 2.15 0.00	39.46 2.17 0.00	43.30 2.45 0.00	36.21 1.98 0.00	41.32 2.29 0.00	33.62 2.01 0.00	31.55 1.98 0.00	31.04 1.96 0.00	33.49 2.07 0.00	41.74 2.59 0.00	64.72 3.87 0.00	63.73 3.61 0.00	63.93 3.34 0.00	50.08 2.44 0.00	43.97 2.14 0.00	35.72 1.76 0.00
DANSKAMMER___DIESEL 23592	30.21 2.01 0.00	27.08 1.76 0.00	14.12 0.91 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.23 1.66 0.00	30.75 1.72 0.00	32.80 1.71 0.00	39.83 2.15 0.00	39.46 2.17 0.00	43.29 2.44 0.00	36.21 1.98 0.00	41.33 2.30 0.00	33.61 2.01 0.00	31.55 1.98 0.00	31.04 1.95 0.00	33.49 2.07 0.00	41.73 2.59 0.00	64.72 3.86 0.00	63.73 3.61 0.00	63.94 3.34 0.00	50.08 2.44 0.00	43.97 2.14 0.00	35.72 1.77 0.00
DARBY___SOLAR 323810	29.82 1.61 0.00	26.67 1.35 0.00	13.93 0.72 0.00	17.17 0.90 0.00	21.68 1.09 0.00	28.03 1.45 0.00	30.88 1.84 0.00	33.12 2.03 0.00	39.71 2.03 0.00	38.95 1.66 0.00	42.41 1.56 0.00	35.03 0.80 0.00	39.95 0.92 0.00	32.64 1.03 0.00	30.60 1.03 0.00	30.20 1.12 0.00	32.78 1.36 0.00	40.86 1.71 0.00	63.94 3.09 0.00	63.30 3.18 0.00	64.19 3.59 0.00	50.58 2.95 0.00	44.28 2.45 0.00	35.56 1.61 0.00
DASHVILLE___HYD 23610	30.19 1.98 0.00	27.05 1.73 0.00	14.10 0.90 0.00	17.33 1.06 0.00	21.92 1.34 0.00	28.18 1.61 0.00	30.69 1.66 0.00	32.75 1.66 0.00	39.78 2.10 0.00	39.42 2.13 0.00	43.24 2.39 0.00	36.21 1.97 0.00	41.29 2.26 0.00	33.62 2.01 0.00	31.55 1.98 0.00	31.00 1.92 0.00	33.44 2.02 0.00	41.65 2.50 0.00	64.56 3.71 0.00	63.62 3.50 0.00	63.81 3.21 0.00	49.98 2.34 0.00	43.90 2.07 0.00	35.67 1.72 0.00
DELAWARE___LFGE 323621	28.98 0.78 0.00	26.04 0.71 0.00	13.58 0.37 0.00	16.75 0.48 0.00	21.22 0.63 0.00	27.31 0.73 0.00	29.78 0.74 0.00	31.80 0.70 0.00	38.57 0.89 0.00	38.20 0.91 0.00	41.85 1.00 0.00	35.00 0.76 0.00	39.90 0.87 0.00	32.35 0.74 0.00	30.28 0.70 0.00	29.84 0.76 0.00	32.22 0.79 0.00	40.17 1.02 0.00	62.38 1.52 0.00	61.56 1.44 0.00	61.88 1.28 0.00	48.58 0.95 0.00	42.67 0.84 0.00	34.62 0.67 0.00
DERFIELD_115KV_TB7 355931	28.29 0.08 0.00	25.40 0.07 0.00	13.25 0.04 0.00	16.33 0.07 0.00	20.66 0.07 0.00	26.65 0.07 0.00	29.06 0.03 0.00	31.05 -0.05 0.00	37.61 -0.08 0.00	37.21 -0.08 0.00	40.73 -0.11 0.00	34.14 -0.10 0.00	38.90 -0.13 0.00	31.53 -0.08 0.00	29.51 -0.06 0.00	29.03 -0.06 0.00	31.36 -0.06 0.00	39.07 -0.07 0.00	60.74 -0.12 0.00	59.99 -0.13 0.00	60.42 -0.18 0.00	47.52 -0.11 0.00	41.73 -0.10 0.00	33.88 -0.08 0.00
DOGLEVILLE___HYD 23807	28.81 0.61 0.00	25.81 0.48 0.00	13.48 0.27 0.00	16.66 0.39 0.00	21.05 0.47 0.00	27.12 0.55 0.00	29.54 0.50 0.00	31.39 0.29 0.00	37.87 0.19 0.00	37.27 -0.02 0.00	40.40 -0.44 0.00	33.36 -0.87 0.00	38.06 -0.97 0.00	30.93 -0.67 0.00	29.29 -0.28 0.00	28.70 -0.39 0.00	30.70 -0.73 0.00	38.72 -0.43 0.00	60.85 0.00 0.00	60.28 0.16 0.00	61.16 0.56 0.00	48.02 0.38 0.00	42.14 0.31 0.00	33.98 0.03 0.00
DUNKIRK___115KV_TB_200 55889	27.01 -1.19 0.00	24.47 -0.86 0.00	12.76 -0.45 0.00	15.77 -0.50 0.00	20.07 -0.52 0.00	25.79 -0.79 0.00	27.86 -1.18 0.00	29.63 -1.46 0.00	36.02 -1.66 0.00	35.91 -1.38 0.00	39.48 -1.37 0.00	33.25 -0.99 0.00	38.02 -1.01 0.00	30.39 -1.22 0.00	28.37 -1.20 0.00	28.09 -1.00 0.00	30.49 -0.94 0.00	38.15 -1.00 0.00	59.31 -1.55 0.00	58.94 -1.18 0.00	58.62 -1.98 0.00	45.54 -2.09 0.00	39.93 -1.90 0.00	32.15 -1.80 0.00
DUNKIRK___1 23563	27.01 -1.19 0.00	24.47 -0.86 0.00	12.76 -0.45 0.00	15.77 -0.50 0.00	20.07 -0.52 0.00	25.79 -0.79 0.00	27.86 -1.18 0.00	29.63 -1.46 0.00	36.02 -1.66 0.00	35.91 -1.38 0.00	39.48 -1.37 0.00	33.25 -0.99 0.00	38.02 -1.01 0.00	30.39 -1.22 0.00	28.37 -1.20 0.00	28.09 -1.00 0.00	30.49 -0.94 0.00	38.15 -1.00 0.00	59.31 -1.55 0.00	58.94 -1.18 0.00	58.62 -1.98 0.00	45.54 -2.09 0.00	39.93 -1.90 0.00	32.15 -1.80 0.00
DUNKIRK___2 23564	27.01 -1.19 0.00	24.47 -0.86 0.00	12.76 -0.45 0.00	15.77 -0.50 0.00	20.07 -0.52 0.00	25.79 -0.79 0.00	27.86 -1.18 0.00	29.63 -1.46 0.00	36.02 -1.66 0.00	35.91 -1.38 0.00	39.48 -1.37 0.00	33.25 -0.99 0.00	38.02 -1.01 0.00	30.39 -1.22 0.00	28.37 -1.20 0.00	28.09 -1.00 0.00	30.49 -0.94 0.00	38.15 -1.00 0.00	59.31 -1.55 0.00	58.94 -1.18 0.00	58.62 -1.98 0.00	45.54 -2.09 0.00	39.93 -1.90 0.00	32.15 -1.80 0.00
DUNKIRK___3 23565	26.98 -1.22 0.00	24.43 -0.89 0.00	12.73 -0.47 0.00	15.72 -0.55 0.00	20.01 -0.58 0.00	25.72 -0.86 0.00	27.77 -1.27 0.00	29.49 -1.60 0.00	35.83 -1.85 0.00	35.70 -1.59 0.00	39.24 -1.61 0.00	33.04 -1.20 0.00	37.75 -1.28 0.00	30.18 -1.43 0.00	28.18 -1.39 0.00	27.90 -1.19 0.00	30.28 -1.14 0.00	37.86 -1.29 0.00	58.86 -2.00 0.00	58.50 -1.62 0.00	58.26 -2.34 0.00	45.37 -2.26 0.00	39.82 -2.01 0.00	32.11 -1.84 0.00
DUNKIRK___4 23566	26.98 -1.22 0.00	24.43 -0.89 0.00	12.73 -0.47 0.00	15.72 -0.55 0.00	20.01 -0.58 0.00	25.72 -0.86 0.00	27.77 -1.27 0.00	29.49 -1.60 0.00	35.83 -1.85 0.00	35.70 -1.59 0.00	39.24 -1.61 0.00	33.04 -1.20 0.00	37.75 -1.28 0.00	30.18 -1.43 0.00	28.18 -1.39 0.00	27.90 -1.19 0.00	30.28 -1.14 0.00	37.86 -1.29 0.00	58.86 -2.00 0.00	58.50 -1.62 0.00	58.26 -2.34 0.00	45.37 -2.26 0.00	39.82 -2.01 0.00	32.11 -1.84 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.30 2.10 0.00	27.15 1.83 0.00	14.16 0.95 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.27 1.70 0.00	30.79 1.75 0.00	32.81 1.71 0.00	39.84 2.16 0.00	39.49 2.20 0.00	43.34 2.49 0.00	36.30 2.07 0.00	41.43 2.40 0.00	33.72 2.10 0.00	31.71 2.13 0.00	31.16 2.08 0.00	33.55 2.13 0.00	41.71 2.56 0.00	64.58 3.73 0.00	63.54 3.42 0.00	63.72 3.12 0.00	49.90 2.27 0.00	43.88 2.05 0.00	35.72 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.04 1.84 0.00	26.92 1.60 0.00	14.04 0.83 0.00	17.25 0.98 0.00	21.83 1.25 0.00	28.06 1.49 0.00	30.57 1.53 0.00	32.60 1.51 0.00	39.59 1.91 0.00	39.22 1.93 0.00	43.04 2.19 0.00	36.02 1.78 0.00	41.10 2.07 0.00	33.42 1.82 0.00	31.37 1.80 0.00	30.87 1.78 0.00	33.28 1.86 0.00	41.46 2.32 0.00	64.32 3.46 0.00	63.34 3.23 0.00	63.56 2.95 0.00	49.77 2.14 0.00	43.71 1.88 0.00	35.52 1.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.42 2.22 0.00	27.21 1.88 0.00	14.19 0.98 0.00	17.41 1.14 0.00	22.04 1.46 0.00	28.39 1.82 0.00	30.88 1.84 0.00	32.90 1.80 0.00	39.98 2.30 0.00	39.59 2.30 0.00	43.46 2.61 0.00	36.34 2.10 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.84 2.26 0.00	31.26 2.17 0.00	33.62 2.20 0.00	41.76 2.62 0.00	64.54 3.69 0.00	63.56 3.45 0.00	63.74 3.14 0.00	49.96 2.32 0.00	43.93 2.10 0.00	35.77 1.82 0.00

E179THST_13_KV_LOAD 356214	30.54 2.33 0.00	27.30 1.98 0.00	14.23 1.03 0.00	17.47 1.20 0.00	22.12 1.53 0.00	28.50 1.92 0.00	31.00 1.96 0.00	33.04 1.95 0.00	40.16 2.47 0.00	39.77 2.48 0.00	43.65 2.80 0.00	36.50 2.26 0.00	41.67 2.64 0.00	33.92 2.31 0.00	31.98 2.40 0.00	31.40 2.31 0.00	33.78 2.35 0.00	41.96 2.81 0.00	64.84 3.99 0.00	63.87 3.75 0.00	64.04 3.44 0.00	50.18 2.55 0.00	44.12 2.29 0.00	35.92 1.96 0.00
EAST HAMPTON___GT 23717	50.94 3.24 -19.50	43.40 2.24 -15.83	30.43 1.16 -16.07	20.85 1.36 -3.22	33.05 1.79 -10.67	46.49 2.35 -17.57	44.48 2.52 -12.92	33.93 2.83 0.00	41.02 3.34 0.00	41.60 3.93 -0.38	47.54 4.45 -2.24	47.17 3.93 -9.00	47.05 4.55 -3.47	47.87 4.13 -12.13	44.57 4.17 -10.83	32.86 3.77 0.00	35.47 4.05 0.00	123.59 5.45 -79.00	197.72 7.47 -129.40	219.71 6.86 -152.73	247.41 7.61 -179.20	223.32 5.61 -170.09	84.11 5.18 -37.10	48.72 4.53 -10.24
EAST RIVER___6 23660	30.44 2.23 0.00	27.26 1.93 0.00	14.21 1.01 0.00	17.43 1.16 0.00	22.07 1.48 0.00	28.38 1.81 0.00	30.91 1.88 0.00	32.92 1.83 0.00	40.01 2.32 0.00	39.66 2.37 0.00	43.56 2.71 0.00	36.46 2.23 0.00	41.60 2.57 0.00	33.87 2.27 0.00	31.89 2.32 0.00	31.35 2.27 0.00	33.74 2.32 0.00	41.90 2.76 0.00	64.82 3.97 0.00	63.78 3.66 0.00	63.93 3.33 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.85 1.89 0.00
EAST RIVER___7 23524	30.44 2.23 0.00	27.26 1.93 0.00	14.21 1.01 0.00	17.43 1.16 0.00	22.07 1.48 0.00	28.38 1.81 0.00	30.91 1.88 0.00	32.92 1.83 0.00	40.01 2.32 0.00	39.66 2.37 0.00	43.56 2.71 0.00	36.46 2.23 0.00	41.60 2.57 0.00	33.87 2.27 0.00	31.89 2.32 0.00	31.35 2.27 0.00	33.74 2.32 0.00	41.90 2.76 0.00	64.82 3.97 0.00	63.78 3.66 0.00	63.93 3.33 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.85 1.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.23 2.03 0.00	27.09 1.77 0.00	14.12 0.92 0.00	17.34 1.07 0.00	21.95 1.36 0.00	28.22 1.65 0.00	30.72 1.68 0.00	32.73 1.64 0.00	39.76 2.08 0.00	39.41 2.12 0.00	43.25 2.40 0.00	36.22 1.98 0.00	41.33 2.30 0.00	33.63 2.02 0.00	31.62 2.05 0.00	31.09 2.00 0.00	33.47 2.05 0.00	41.62 2.47 0.00	64.46 3.61 0.00	63.42 3.30 0.00	63.61 3.01 0.00	49.81 2.18 0.00	43.80 1.96 0.00	35.64 1.69 0.00
EAST_HAMPTON___DIESEL 23722	50.89 3.19 -19.50	43.32 2.16 -15.83	30.39 1.12 -16.07	20.80 1.31 -3.22	32.99 1.72 -10.67	46.41 2.27 -17.57	44.40 2.44 -12.92	33.85 2.76 0.00	40.93 3.25 0.00	41.53 3.86 -0.38	47.48 4.39 -2.24	47.12 3.89 -9.00	47.02 4.51 -3.47	47.86 4.12 -12.13	44.56 4.16 -10.83	32.86 3.77 0.00	35.47 4.05 0.00	123.59 5.45 -79.00	197.77 7.51 -129.40	219.76 6.92 -152.72	247.41 7.62 -179.19	223.34 5.62 -170.09	84.12 5.19 -37.10	48.73 4.53 -10.24
EAST_POINT___SOLAR 323840	29.36 1.16 0.00	26.40 1.08 0.00	13.77 0.57 0.00	16.97 0.70 0.00	21.53 0.94 0.00	27.87 1.30 0.00	30.55 1.52 0.00	32.62 1.52 0.00	39.29 1.61 0.00	38.66 1.38 0.00	42.36 1.51 0.00	34.91 0.67 0.00	39.48 0.45 0.00	32.06 0.45 0.00	30.53 0.95 0.00	29.66 0.57 0.00	31.87 0.45 0.00	39.84 0.69 0.00	62.76 1.91 0.00	63.55 1.91 0.00	64.43 3.43 0.00	50.59 2.95 0.00	44.28 2.44 0.00	35.78 1.82 0.00
EAST_PULASKI___ESR 323781	27.69 -0.52 0.00	24.86 -0.46 0.00	13.00 -0.20 0.00	16.03 -0.23 0.00	20.29 -0.29 0.00	26.20 -0.38 0.00	28.64 -0.40 0.00	30.57 -0.52 0.00	37.07 -0.62 0.00	36.72 -0.57 0.00	40.27 -0.57 0.00	33.66 -0.57 0.00	38.31 -0.72 0.00	30.91 -0.69 0.00	28.72 -0.85 0.00	28.22 -0.87 0.00	30.57 -0.85 0.00	38.16 -0.99 0.00	59.69 -1.16 0.00	59.25 -0.87 0.00	59.84 -0.76 0.00	46.98 -0.65 0.00	41.28 -0.56 0.00	33.45 -0.50 0.00
EAST_RIVER___1 323558	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.44 1.17 0.00	22.07 1.48 0.00	28.38 1.81 0.00	30.91 1.88 0.00	32.93 1.84 0.00	40.02 2.34 0.00	39.67 2.38 0.00	43.58 2.74 0.00	36.47 2.24 0.00	41.62 2.59 0.00	33.89 2.28 0.00	31.90 2.33 0.00	31.36 2.27 0.00	33.75 2.32 0.00	41.91 2.77 0.00	64.83 3.98 0.00	63.78 3.66 0.00	63.92 3.33 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.84 1.89 0.00
EAST_RIVER___2 323559	30.44 2.23 0.00	27.26 1.93 0.00	14.21 1.01 0.00	17.43 1.16 0.00	22.07 1.48 0.00	28.38 1.81 0.00	30.91 1.88 0.00	32.92 1.83 0.00	40.01 2.32 0.00	39.66 2.37 0.00	43.56 2.71 0.00	36.46 2.23 0.00	41.60 2.57 0.00	33.87 2.27 0.00	31.89 2.32 0.00	31.35 2.27 0.00	33.74 2.32 0.00	41.90 2.76 0.00	64.82 3.97 0.00	63.78 3.66 0.00	63.93 3.33 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.85 1.89 0.00
EAST___DELAWARE_HYD 23607	30.43 2.23 0.00	27.27 1.95 0.00	14.21 1.01 0.00	17.48 1.21 0.00	22.14 1.55 0.00	28.48 1.91 0.00	31.06 2.02 0.00	33.15 2.06 0.00	40.22 2.54 0.00	39.85 2.56 0.00	43.71 2.87 0.00	36.52 2.28 0.00	41.64 2.60 0.00	33.87 2.26 0.00	31.70 2.13 0.00	31.18 2.09 0.00	33.68 2.26 0.00	42.05 2.90 0.00	65.35 4.51 0.00	64.48 4.36 0.00	64.67 4.07 0.00	50.62 2.99 0.00	44.42 2.59 0.00	36.05 2.10 0.00
EIGHT_POINT___WT_PWR 323820	27.79 -0.41 0.00	25.03 -0.29 0.00	13.00 -0.20 0.00	16.11 -0.16 0.00	20.49 -0.10 0.00	26.42 -0.16 0.00	28.64 -0.39 0.00	30.31 -0.79 0.00	36.53 -1.15 0.00	36.38 -0.91 0.00	39.96 -0.89 0.00	33.36 -0.88 0.00	38.15 -0.88 0.00	30.48 -1.13 0.00	28.58 -0.99 0.00	28.36 -0.73 0.00	30.90 -0.52 0.00	38.51 -0.64 0.00	59.80 -1.05 0.00	59.63 -0.49 0.00	59.70 -0.90 0.00	46.62 -1.02 0.00	40.93 -0.90 0.00	32.66 -1.30 0.00
ELBRIDGE_115KV_TB2 80188	27.85 -0.35 0.00	25.00 -0.33 0.00	13.04 -0.16 0.00	16.07 -0.20 0.00	20.36 -0.23 0.00	26.25 -0.32 0.00	28.75 -0.29 0.00	31.10 0.00 0.00	37.77 0.09 0.00	37.39 0.10 0.00	40.91 0.07 0.00	33.47 -0.77 0.00	38.15 -0.88 0.00	30.85 -0.75 0.00	28.80 -0.78 0.00	28.35 -0.73 0.00	30.65 -0.77 0.00	38.32 -0.83 0.00	59.60 -1.26 0.00	58.99 -1.12 0.00	59.41 -1.19 0.00	46.62 -1.01 0.00	40.89 -0.94 0.00	33.23 -0.72 0.00
ELEC_TRO_TEK 24086	93.18 2.56 -62.42	89.60 2.26 -62.01	79.67 1.18 -65.29	44.63 1.39 -26.97	75.14 1.76 -52.78	67.16 2.19 -38.39	61.04 2.27 -29.73	33.29 2.20 0.00	40.48 2.77 -0.02	43.35 2.84 -3.22	79.93 3.22 -35.86	74.82 2.60 -37.99	47.38 2.95 -5.39	55.44 2.55 -21.28	45.34 2.55 -13.22	31.39 2.30 0.00	33.80 2.37 0.00	42.13 2.99 0.00	65.21 4.36 0.00	64.15 4.03 0.00	64.33 3.73 0.00	50.37 2.74 0.00	46.21 2.56 -1.81	36.88 2.36 -0.56
ELLENBURG_WT_PWR 323604	27.97 -0.23 0.00	25.13 -0.20 0.00	13.11 -0.10 0.00	16.13 -0.14 0.00	20.41 -0.18 0.00	26.44 -0.13 0.00	29.22 0.19 0.00	31.52 0.42 0.00	38.22 0.54 0.00	37.78 0.49 0.00	41.45 0.60 0.00	34.82 0.58 0.00	39.69 0.66 0.00	32.09 0.48 0.00	30.00 0.42 0.00	29.49 0.40 0.00	31.91 0.49 0.00	39.71 0.56 0.00	61.80 0.95 0.00	61.23 1.11 0.00	61.99 1.38 0.00	48.75 1.12 0.00	42.76 0.92 0.00	34.58 0.63 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.64 -1.57 0.00	24.12 -1.21 0.00	12.56 -0.65 0.00	15.46 -0.81 0.00	19.70 -0.89 0.00	25.35 -1.22 0.00	27.29 -1.75 0.00	28.89 -2.21 0.00	35.11 -2.57 0.00	34.93 -2.36 0.00	38.43 -2.41 0.00	32.42 -1.81 0.00	37.02 -2.01 0.00	29.51 -2.10 0.00	27.56 -2.02 0.00	27.24 -1.85 0.00	29.59 -1.83 0.00	36.89 -2.26 0.00	57.42 -3.43 0.00	57.17 -2.95 0.00	57.12 -3.48 0.00	44.73 -2.90 0.00	39.30 -2.53 0.00	31.78 -2.17 0.00
EMPIRE_CC_1 323656	29.09 0.89 0.00	26.13 0.81 0.00	13.65 0.44 0.00	16.82 0.55 0.00	21.25 0.66 0.00	27.29 0.71 0.00	29.70 0.66 0.00	31.55 0.45 0.00	38.18 0.50 0.00	37.69 0.40 0.00	40.98 0.13 0.00	34.35 0.11 0.00	39.06 0.03 0.00	31.81 0.20 0.00	29.93 0.36 0.00	29.46 0.37 0.00	31.66 0.23 0.00	39.38 0.23 0.00	61.13 0.27 0.00	60.18 0.06 0.00	60.91 0.30 0.00	48.05 0.41 0.00	42.24 0.40 0.00	34.21 0.26 0.00
EMPIRE_CC_2 323658	29.09 0.89 0.00	26.13 0.81 0.00	13.65 0.44 0.00	16.82 0.55 0.00	21.25 0.66 0.00	27.29 0.71 0.00	29.70 0.66 0.00	31.55 0.45 0.00	38.18 0.50 0.00	37.69 0.40 0.00	40.98 0.13 0.00	34.35 0.11 0.00	39.06 0.03 0.00	31.81 0.20 0.00	29.93 0.36 0.00	29.46 0.37 0.00	31.66 0.23 0.00	39.38 0.23 0.00	61.13 0.27 0.00	60.18 0.06 0.00	60.91 0.30 0.00	48.05 0.41 0.00	42.24 0.40 0.00	34.21 0.26 0.00
ENORWICH_115KV_TB1 80156	29.56 1.36 0.00	26.65 1.32 0.00	13.88 0.68 0.00	17.18 0.91 0.00	21.79 1.20 0.00	28.29 1.72 0.00	30.91 1.87 0.00	32.98 1.88 0.00	39.95 2.27 0.00	39.51 2.22 0.00	43.11 2.26 0.00	35.58 1.34 0.00	40.55 1.52 0.00	32.73 1.13 0.00	30.66 1.08 0.00	30.35 1.27 0.00	33.08 1.65 0.00	41.68 2.53 0.00	64.83 3.98 0.00	64.56 4.44 0.00	65.21 4.61 0.00	50.96 3.33 0.00	44.57 2.73 0.00	35.76 1.81 0.00
ERIE_ST__34_KV_TB1-2 80199	27.07 -1.13 0.00	24.50 -0.83 0.00	12.74 -0.46 0.00	15.69 -0.58 0.00	19.99 -0.60 0.00	25.73 -0.85 0.00	27.75 -1.29 0.00	29.41 -1.69 0.00	35.74 -1.94 0.00	35.55 -1.74 0.00	39.07 -1.77 0.00	32.94 -1.30 0.00	37.60 -1.44 0.00	30.01 -1.59 0.00	28.02 -1.55 0.00	27.77 -1.32 0.00	30.18 -1.25 0.00	37.66 -1.49 0.00	58.56 -2.29 0.00	58.32 -1.80 0.00	58.26 -2.34 0.00	45.60 -2.03 0.00	40.00 -1.83 0.00	32.31 -1.64 0.00
ERIE_WT_PWR 323693	26.83 -1.38 0.00	24.28 -1.05 0.00	12.64 -0.57 0.00	15.56 -0.71 0.00	19.83 -0.76 0.00	25.52 -1.05 0.00	27.48 -1.55 0.00	29.07 -2.02 0.00	35.34 -2.34 0.00	35.17 -2.13 0.00	38.67 -2.18 0.00	32.60 -1.63 0.00	37.28 -1.76 0.00	29.70 -1.91 0.00	27.76 -1.81 0.00	27.45 -1.64 0.00	29.83 -1.59 0.00	37.21 -1.94 0.00	57.94 -2.92 0.00	57.69 -2.43 0.00	57.66 -2.95 0.00	45.13 -2.50 0.00	39.62 -2.21 0.00	32.01 -1.94 0.00
ESPRGFLD_115KV_TB1 80157	28.79 0.59 0.00	25.93 0.60 0.00	13.52 0.32 0.00	16.68 0.41 0.00	21.20 0.62 0.00	27.38 0.81 0.00	29.97 0.93 0.00	32.15 1.06 0.00	39.02 1.33 0.00	38.68 1.39 0.00	42.51 1.66 0.00	35.45 1.21 0.00	40.34 1.31 0.00	32.67 1.06 0.00	30.48 0.90 0.00	29.97 0.88 0.00	32.41 0.98 0.00	40.50 1.35 0.00	63.15 2.30 0.00	62.81 2.69 0.00	63.24 2.64 0.00	49.60 1.96 0.00	43.45 1.62 0.00	35.19 1.24 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.61 0.41 0.00	25.71 0.38 0.00	13.39 0.19 0.00	16.52 0.25 0.00	20.94 0.34 0.00	27.00 0.43 0.00	29.47 0.43 0.00	31.50 0.41 0.00	38.14 0.46 0.00	37.72 0.43 0.00	41.23 0.38 0.00	34.23 0.00 0.00	39.06 0.03 0.00	31.54 -0.06 0.00	29.46 -0.11 0.00	29.10 0.01 0.00	31.62 0.19 0.00	39.58 0.44 0.00	61.56 0.71 0.00	61.04 0.93 0.00	61.54 0.94 0.00	48.23 0.60 0.00	42.26 0.43 0.00	34.19 0.23 0.00
ETNA____115KV_TB2 80207	28.61 0.41 0.00	25.71 0.38 0.00	13.39 0.19 0.00	16.52 0.25 0.00	20.94 0.34 0.00	27.00 0.43 0.00	29.47 0.43 0.00	31.50 0.41 0.00	38.14 0.46 0.00	37.72 0.43 0.00	41.23 0.38 0.00	34.23 0.00 0.00	39.06 0.03 0.00	31.54 -0.06 0.00	29.46 -0.11 0.00	29.10 0.01 0.00	31.62 0.19 0.00	39.58 0.44 0.00	61.56 0.71 0.00	61.04 0.93 0.00	61.54 0.94 0.00	48.23 0.60 0.00	42.26 0.43 0.00	34.19 0.23 0.00
EUCLID__115KV_TB2 356179	27.93 -0.27 0.00	25.09 -0.23 0.00	13.08 -0.13 0.00	16.12 -0.15 0.00	20.40 -0.18 0.00	26.31 -0.26 0.00	28.66 -0.37 0.00	30.63 -0.47 0.00	37.15 -0.53 0.00	36.79 -0.50 0.00	40.29 -0.56 0.00	33.65 -0.59 0.00	38.34 -0.69 0.00	31.01 -0.60 0.00	28.94 -0.63 0.00	28.49 -0.60 0.00	30.86 -0.57 0.00	38.50 -0.65 0.00	59.86 -0.99 0.00	59.23 -0.89 0.00	59.62 -0.98 0.00	46.79 -0.84 0.00	41.04 -0.79 0.00	33.33 -0.62 0.00
E_CANADA_CAP_HY 24051	28.85 0.65 0.00	25.98 0.65 0.00	13.56 0.36 0.00	16.71 0.44 0.00	21.23 0.64 0.00	27.46 0.89 0.00	30.10 1.06 0.00	32.27 1.17 0.00	39.12 1.44 0.00	38.69 1.40 0.00	42.50 1.65 0.00	35.28 1.04 0.00	40.04 1.01 0.00	32.43 0.82 0.00	30.37 0.80 0.00	29.77 0.68 0.00	32.11 0.69 0.00	40.16 1.02 0.00	62.97 2.12 0.00	62.94 2.82 0.00	63.61 3.01 0.00	49.97 2.33 0.00	43.75 1.92 0.00	35.43 1.47 0.00
E_CANADA_MHWK_HY 24050	28.81 0.61 0.00	25.81 0.48 0.00	13.48 0.27 0.00	16.66 0.39 0.00	21.05 0.47 0.00	27.12 0.55 0.00	29.54 0.50 0.00	31.38 0.29 0.00	37.87 0.19 0.00	37.27 -0.02 0.00	40.41 -0.44 0.00	33.36 -0.87 0.00	38.06 -0.97 0.00	30.93 -0.67 0.00	29.29 -0.28 0.00	28.70 -0.39 0.00	30.70 -0.73 0.00	38.71 -0.43 0.00	60.85 0.00 0.00	60.28 0.16 0.00	61.16 0.56 0.00	48.02 0.38 0.00	42.15 0.32 0.00	33.98 0.03 0.00
E_FISHKILL__LBMP 23776	29.96 1.76 0.00	26.87 1.54 0.00	14.01 0.80 0.00	17.22 0.94 0.00	21.78 1.19 0.00	27.99 1.42 0.00	30.46 1.43 0.00	32.46 1.37 0.00	39.41 1.73 0.00	39.05 1.76 0.00	42.82 1.98 0.00	35.86 1.63 0.00	40.91 1.88 0.00	33.28 1.67 0.00	31.28 1.71 0.00	30.76 1.67 0.00	33.13 1.71 0.00	41.21 2.06 0.00	63.84 2.99 0.00	62.84 2.72 0.00	63.07 2.47 0.00	49.43 1.79 0.00	43.46 1.62 0.00	35.34 1.39 0.00
FALCON__SEABRD_CC1 323796	28.20 0.00 0.00	25.33 0.00 0.00	13.22 0.02 0.00	16.27 0.00 0.00	20.57 -0.02 0.00	26.64 0.07 0.00	29.52 0.49 0.00	31.83 0.74 0.00	38.61 0.93 0.00	38.15 0.86 0.00	41.83 0.99 0.00	35.14 0.90 0.00	40.07 1.04 0.00	32.43 0.83 0.00	30.35 0.78 0.00	29.86 0.77 0.00	32.31 0.88 0.00	40.23 1.08 0.00	62.58 1.73 0.00	61.99 1.87 0.00	62.81 2.21 0.00	49.43 1.80 0.00	43.31 1.48 0.00	34.98 1.02 0.00
FALCON__SEABRD_CC2 323797	28.20 0.00 0.00	25.33 0.00 0.00	13.22 0.02 0.00	16.27 0.00 0.00	20.57 -0.02 0.00	26.64 0.07 0.00	29.52 0.49 0.00	31.83 0.74 0.00	38.61 0.93 0.00	38.15 0.86 0.00	41.83 0.99 0.00	35.14 0.90 0.00	40.07 1.04 0.00	32.43 0.83 0.00	30.35 0.78 0.00	29.86 0.77 0.00	32.31 0.88 0.00	40.23 1.08 0.00	62.58 1.73 0.00	61.99 1.87 0.00	62.81 2.21 0.00	49.43 1.80 0.00	43.31 1.48 0.00	34.98 1.02 0.00

FAR ROCKAWAY___4 23548	126.76 2.85 -95.70	130.76 2.65 -102.78	124.23 1.37 -109.66	71.49 1.63 -53.58	116.92 2.03 -94.30	94.87 2.43 -65.86	86.17 2.51 -54.62	33.62 2.53 0.00	40.93 3.20 -0.05	46.99 3.28 -6.41	120.87 3.68 -76.34	103.29 2.85 -66.21	47.35 3.39 -4.93	53.97 2.90 -19.45	44.56 2.90 -12.09	31.74 2.65 0.00	34.20 2.78 0.00	42.65 3.51 0.00	66.06 5.21 0.00	64.99 4.87 0.00	65.20 4.60 0.00	51.03 3.40 0.00	46.58 3.09 -1.66	37.29 2.77 -0.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.44 2.24 0.00	27.27 1.95 0.00	14.21 1.01 0.00	17.44 1.17 0.00	22.08 1.49 0.00	28.38 1.81 0.00	30.92 1.88 0.00	32.94 1.85 0.00	40.02 2.34 0.00	39.68 2.39 0.00	43.59 2.74 0.00	36.48 2.24 0.00	41.63 2.60 0.00	33.89 2.28 0.00	31.90 2.33 0.00	31.36 2.28 0.00	33.75 2.33 0.00	41.92 2.78 0.00	64.85 4.00 0.00	63.79 3.67 0.00	63.93 3.33 0.00	50.05 2.41 0.00	44.00 2.17 0.00	35.85 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.45 2.25 0.00	27.28 1.95 0.00	14.22 1.02 0.00	17.44 1.17 0.00	22.08 1.49 0.00	28.39 1.82 0.00	30.93 1.89 0.00	32.95 1.85 0.00	40.03 2.35 0.00	39.68 2.39 0.00	43.59 2.74 0.00	36.48 2.25 0.00	41.63 2.60 0.00	33.90 2.29 0.00	31.91 2.34 0.00	31.37 2.28 0.00	33.76 2.34 0.00	41.93 2.78 0.00	64.86 4.00 0.00	63.82 3.70 0.00	63.98 3.37 0.00	50.07 2.44 0.00	44.02 2.19 0.00	35.86 1.90 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.43 2.23 0.00	27.26 1.94 0.00	14.21 1.01 0.00	17.44 1.17 0.00	22.07 1.48 0.00	28.38 1.80 0.00	30.91 1.87 0.00	32.93 1.84 0.00	40.01 2.33 0.00	39.67 2.38 0.00	43.58 2.73 0.00	36.47 2.24 0.00	41.62 2.59 0.00	33.89 2.28 0.00	31.90 2.33 0.00	31.36 2.27 0.00	33.74 2.32 0.00	41.92 2.77 0.00	64.82 3.97 0.00	63.77 3.65 0.00	63.92 3.32 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.83 1.88 0.00
FARRAGUT___LBMP 323566	30.41 2.21 0.00	27.25 1.92 0.00	14.20 0.99 0.00	17.42 1.15 0.00	22.05 1.47 0.00	28.35 1.78 0.00	30.88 1.84 0.00	32.89 1.80 0.00	39.97 2.29 0.00	39.62 2.33 0.00	43.52 2.67 0.00	36.43 2.19 0.00	41.57 2.53 0.00	33.84 2.24 0.00	31.86 2.29 0.00	31.32 2.24 0.00	33.70 2.28 0.00	41.86 2.72 0.00	64.75 3.89 0.00	63.70 3.58 0.00	63.87 3.26 0.00	49.98 2.35 0.00	43.94 2.11 0.00	35.81 1.85 0.00
FENNER___WINDPWR 24204	28.58 0.37 0.00	25.67 0.34 0.00	13.40 0.19 0.00	16.52 0.25 0.00	20.92 0.33 0.00	27.03 0.46 0.00	29.55 0.51 0.00	31.59 0.50 0.00	38.32 0.64 0.00	37.94 0.65 0.00	41.49 0.64 0.00	34.61 0.38 0.00	39.42 0.39 0.00	31.84 0.23 0.00	29.71 0.14 0.00	29.22 0.14 0.00	31.73 0.30 0.00	39.71 0.57 0.00	61.87 1.02 0.00	61.30 1.18 0.00	61.80 1.20 0.00	48.49 0.86 0.00	42.50 0.67 0.00	34.37 0.41 0.00
FIBERTEK___ENERGY 23856	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.12 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.38 0.09 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.54 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.98 -0.45 0.00	38.69 -0.45 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
FITZPATRICK___ 23598	27.43 -0.78 0.00	24.64 -0.68 0.00	12.85 -0.36 0.00	15.83 -0.44 0.00	20.04 -0.55 0.00	25.83 -0.74 0.00	28.11 -0.93 0.00	29.95 -1.14 0.00	36.31 -1.37 0.00	35.95 -1.34 0.00	39.38 -1.47 0.00	33.01 -1.22 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.16 0.00	27.93 -1.15 0.00	30.21 -1.21 0.00	37.67 -1.47 0.00	58.60 -2.26 0.00	57.96 -2.16 0.00	58.36 -2.24 0.00	45.85 -1.78 0.00	40.25 -1.59 0.00	32.74 -1.22 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.27 2.07 0.00	27.13 1.80 0.00	14.14 0.94 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.28 1.71 0.00	30.81 1.77 0.00	32.86 1.77 0.00	39.90 2.22 0.00	39.53 2.24 0.00	43.37 2.53 0.00	36.28 2.05 0.00	41.41 2.38 0.00	33.68 2.07 0.00	31.61 2.04 0.00	31.10 2.01 0.00	33.57 2.14 0.00	41.82 2.67 0.00	64.84 3.99 0.00	63.85 3.74 0.00	64.07 3.46 0.00	50.17 2.54 0.00	44.06 2.22 0.00	35.78 1.83 0.00
FORT ORANGE___ 23900	29.12 0.92 0.00	26.14 0.81 0.00	13.64 0.43 0.00	16.81 0.54 0.00	21.24 0.65 0.00	27.33 0.75 0.00	29.75 0.71 0.00	31.54 0.45 0.00	38.15 0.47 0.00	37.60 0.31 0.00	40.95 0.11 0.00	34.38 0.14 0.00	39.13 0.10 0.00	31.81 0.20 0.00	29.88 0.30 0.00	29.40 0.31 0.00	31.65 0.23 0.00	39.42 0.28 0.00	61.20 0.35 0.00	60.43 0.31 0.00	61.05 0.44 0.00	48.06 0.43 0.00	42.24 0.41 0.00	34.27 0.31 0.00
FORT_DRUM_COGEN 23780	27.49 -0.71 0.00	24.66 -0.67 0.00	13.02 -0.18 0.00	16.10 -0.17 0.00	20.45 -0.14 0.00	26.58 0.00 0.00	29.39 0.36 0.00	31.50 0.40 0.00	38.22 0.53 0.00	37.77 0.48 0.00	41.45 0.60 0.00	34.50 0.26 0.00	39.11 0.07 0.00	31.39 -0.22 0.00	28.89 -0.68 0.00	28.29 -0.80 0.00	30.84 -0.59 0.00	38.82 -0.33 0.00	61.29 0.44 0.00	61.13 1.01 0.00	62.24 1.64 0.00	48.84 1.21 0.00	42.80 0.96 0.00	34.47 0.51 0.00
FOX_HILLS___ESR 323835	30.44 2.24 0.00	27.24 1.91 0.00	14.19 0.99 0.00	17.57 1.30 0.00	22.25 1.66 0.00	28.62 2.05 0.00	31.16 2.13 0.00	39.20 2.05 -6.06	47.92 2.55 -7.68	48.00 2.48 -8.23	70.53 2.67 -27.01	252.49 2.10 -216.15	43.62 2.50 -2.09	66.88 2.25 -33.02	61.36 2.35 -29.45	60.69 2.30 -29.31	62.00 2.34 -28.24	45.42 2.86 -3.41	64.78 3.92 0.00	63.81 3.69 0.00	63.99 3.39 0.00	50.17 2.53 0.00	44.19 2.36 0.00	35.98 2.03 0.00
FPL_FAR_ROCK_GT1 24212	126.76 2.85 -95.70	130.76 2.65 -102.78	124.23 1.37 -109.66	71.49 1.63 -53.58	116.92 2.03 -94.30	94.86 2.43 -65.86	86.16 2.51 -54.62	33.61 2.53 0.00	40.93 3.20 -0.05	46.99 3.28 -6.41	120.88 3.69 -76.34	103.29 2.85 -66.21	47.35 3.39 -4.93	53.97 2.91 -19.45	44.56 2.90 -12.09	31.74 2.65 0.00	34.20 2.78 0.00	42.66 3.51 0.00	66.06 5.21 0.00	64.99 4.87 0.00	65.20 4.60 0.00	51.03 3.40 0.00	46.58 3.09 -1.66	37.29 2.77 -0.56
FPL_FAR_ROCK_GT2 23815	126.76 2.85 -95.70	130.76 2.65 -102.78	124.23 1.37 -109.66	71.49 1.63 -53.58	116.92 2.03 -94.30	94.86 2.43 -65.86	86.16 2.51 -54.62	33.61 2.53 0.00	40.93 3.20 -0.05	46.99 3.28 -6.41	120.88 3.69 -76.34	103.29 2.85 -66.21	47.35 3.39 -4.93	53.97 2.91 -19.45	44.56 2.90 -12.09	31.74 2.65 0.00	34.20 2.78 0.00	42.66 3.51 0.00	66.06 5.21 0.00	64.99 4.87 0.00	65.20 4.60 0.00	51.03 3.40 0.00	46.58 3.09 -1.66	37.29 2.77 -0.56
FRANKLIN_FALL_HYD 24054	27.85 -0.36 0.00	24.99 -0.34 0.00	13.04 -0.17 0.00	16.04 -0.23 0.00	20.32 -0.27 0.00	26.36 -0.21 0.00	29.20 0.17 0.00	31.56 0.46 0.00	38.26 0.58 0.00	37.81 0.52 0.00	41.47 0.62 0.00	34.80 0.57 0.00	39.62 0.59 0.00	31.98 0.37 0.00	29.82 0.25 0.00	29.31 0.22 0.00	31.76 0.33 0.00	39.51 0.36 0.00	61.63 0.78 0.00	61.27 1.15 0.00	62.12 1.52 0.00	48.82 1.19 0.00	42.81 0.97 0.00	34.58 0.62 0.00

GILBOA____ 23599	29.03 0.82 0.00	26.05 0.73 0.00	13.59 0.39 0.00	16.79 0.52 0.00	21.16 0.57 0.00	27.24 0.67 0.00	29.65 0.62 0.00	31.60 0.51 0.00	38.30 0.62 0.00	37.90 0.61 0.00	41.46 0.61 0.00	34.71 0.47 0.00	39.56 0.53 0.00	32.10 0.49 0.00	30.10 0.53 0.00	29.66 0.57 0.00	31.98 0.56 0.00	39.78 0.63 0.00	61.63 0.78 0.00	60.69 0.58 0.00	60.98 0.38 0.00	48.10 0.46 0.00	42.36 0.53 0.00	34.40 0.45 0.00
GINNA____ 23603	26.18 -2.02 0.00	23.58 -1.75 0.00	12.28 -0.92 0.00	15.11 -1.15 0.00	19.19 -1.40 0.00	24.79 -1.78 0.00	26.90 -2.14 0.00	28.63 -2.46 0.00	34.70 -2.98 0.00	34.40 -2.89 0.00	37.81 -3.04 0.00	31.71 -2.52 0.00	36.22 -2.81 0.00	29.13 -2.47 0.00	27.15 -2.42 0.00	26.79 -2.30 0.00	29.05 -2.37 0.00	36.19 -2.96 0.00	56.46 -4.39 0.00	56.07 -4.05 0.00	56.29 -4.31 0.00	44.12 -3.51 0.00	38.66 -3.17 0.00	31.35 -2.61 0.00
GLEN PARK____ 23778	27.57 -0.64 0.00	24.71 -0.62 0.00	13.05 -0.15 0.00	16.13 -0.14 0.00	20.48 -0.11 0.00	26.61 0.03 0.00	29.44 0.41 0.00	31.53 0.44 0.00	38.25 0.57 0.00	37.78 0.50 0.00	41.48 0.63 0.00	34.50 0.27 0.00	39.07 0.04 0.00	31.33 -0.28 0.00	28.82 -0.75 0.00	28.20 -0.89 0.00	30.76 -0.66 0.00	38.78 -0.37 0.00	61.28 0.43 0.00	61.18 1.06 0.00	62.38 1.78 0.00	48.96 1.33 0.00	42.87 1.04 0.00	34.52 0.56 0.00
GLENDALE_27_KV_LOAD 356172	30.56 2.35 0.00	27.37 2.04 0.00	14.26 1.06 0.00	17.52 1.25 0.00	22.18 1.59 0.00	28.53 1.96 0.00	31.06 2.03 0.00	33.10 2.01 0.00	40.24 2.55 0.00	39.89 2.60 0.00	43.79 2.95 0.00	36.62 2.38 0.00	41.78 2.75 0.00	34.04 2.43 0.00	32.06 2.49 0.00	31.53 2.44 0.00	33.93 2.51 0.00	42.15 3.00 0.00	65.15 4.30 0.00	64.11 3.99 0.00	64.25 3.65 0.00	50.29 2.66 0.00	44.22 2.38 0.00	36.00 2.05 0.00
GLENWOOD_IC_1_G5 23712	80.44 2.49 -49.74	74.60 2.19 -47.09	63.49 1.14 -49.14	35.44 1.35 -17.82	60.34 1.70 -38.05	57.98 2.10 -29.31	52.90 2.17 -21.69	33.23 2.13 0.00	40.39 2.70 -0.01	42.18 2.76 -2.12	66.16 3.13 -22.19	64.68 2.57 -27.88	47.26 2.94 -5.29	55.02 2.54 -20.88	45.07 2.53 -12.97	31.45 2.36 0.00	33.86 2.43 0.00	42.17 3.03 0.00	65.26 4.41 0.00	64.22 4.10 0.00	64.41 3.81 0.00	50.42 2.79 0.00	46.16 2.55 -1.78	36.78 2.26 -0.56
GLENWOOD_IC_2_G1 23688	32.99 2.30 -2.49	28.91 2.01 -1.57	15.87 1.05 -1.62	17.99 1.23 -0.49	23.35 1.56 -1.20	47.00 1.90 -18.52	46.92 1.96 -15.92	33.01 1.92 0.00	40.11 2.43 0.00	39.82 2.47 -0.06	44.19 2.81 -0.53	37.42 2.30 -0.89	41.89 2.64 -0.23	34.79 2.29 -0.89	32.44 2.32 -0.55	31.27 2.18 0.00	33.67 2.25 0.00	41.91 2.76 0.00	64.87 4.02 0.00	63.82 3.70 0.00	64.00 3.40 0.00	50.12 2.49 0.00	44.18 2.27 -0.08	36.54 2.02 -0.56
GLENWOOD_IC_3_G1 23689	32.99 2.30 -2.49	28.91 2.01 -1.57	15.87 1.05 -1.62	17.99 1.23 -0.49	23.35 1.56 -1.20	47.00 1.90 -18.52	46.92 1.96 -15.92	33.01 1.92 0.00	40.11 2.43 0.00	39.82 2.47 -0.06	44.19 2.81 -0.53	37.42 2.30 -0.89	41.89 2.64 -0.23	34.79 2.29 -0.89	32.44 2.32 -0.55	31.27 2.18 0.00	33.67 2.25 0.00	41.91 2.76 0.00	64.87 4.02 0.00	63.82 3.70 0.00	64.00 3.40 0.00	50.12 2.49 0.00	44.18 2.27 -0.08	36.54 2.02 -0.56
GLENWOOD____4 23550	80.44 2.49 -49.74	74.60 2.19 -47.09	63.49 1.14 -49.14	35.44 1.35 -17.82	60.34 1.70 -38.05	57.98 2.10 -29.31	52.90 2.17 -21.69	33.23 2.13 0.00	40.39 2.70 -0.01	42.18 2.76 -2.12	66.16 3.13 -22.19	64.68 2.57 -27.88	47.26 2.94 -5.29	55.02 2.54 -20.88	45.07 2.53 -12.97	31.45 2.36 0.00	33.86 2.43 0.00	42.17 3.03 0.00	65.26 4.41 0.00	64.22 4.10 0.00	64.41 3.81 0.00	50.42 2.79 0.00	46.16 2.55 -1.78	36.78 2.26 -0.56
GLENWOOD____5 23614	80.44 2.49 -49.74	74.60 2.19 -47.09	63.49 1.14 -49.14	35.44 1.35 -17.82	60.34 1.70 -38.05	57.98 2.10 -29.31	52.90 2.17 -21.69	33.23 2.13 0.00	40.39 2.70 -0.01	42.18 2.76 -2.12	66.16 3.13 -22.19	64.68 2.57 -27.88	47.26 2.94 -5.29	55.02 2.54 -20.88	45.07 2.53 -12.97	31.45 2.36 0.00	33.86 2.43 0.00	42.17 3.03 0.00	65.26 4.41 0.00	64.22 4.10 0.00	64.41 3.81 0.00	50.42 2.79 0.00	46.16 2.55 -1.78	36.78 2.26 -0.56
GLOBAL GREEN_PORT_GT1 23814	51.11 3.41 -19.50	43.69 2.54 -15.83	30.59 1.32 -16.07	21.04 1.55 -3.22	33.28 2.02 -10.67	46.77 2.63 -17.57	44.79 2.82 -12.92	34.17 3.07 0.00	41.35 3.67 0.00	41.81 4.14 -0.38	47.73 4.64 -2.24	47.28 4.05 -9.00	47.13 4.62 -3.47	47.83 4.09 -12.13	44.49 4.09 -10.83	32.78 3.70 0.00	35.36 3.94 0.00	123.44 5.29 -79.01	197.03 6.75 -129.43	219.04 6.17 -152.75	247.22 7.38 -179.23	223.20 5.45 -170.11	83.96 5.02 -37.11	48.60 4.40 -10.24
GLOBE____DSASP 323697	25.80 -2.41 0.00	23.37 -1.96 0.00	12.17 -1.03 0.00	14.96 -1.31 0.00	19.09 -1.50 0.00	24.57 -2.00 0.00	26.36 -2.68 0.00	27.82 -3.27 0.00	33.82 -3.86 0.00	33.63 -3.66 0.00	37.02 -3.83 0.00	31.32 -2.92 0.00	35.73 -3.30 0.00	28.41 -3.19 0.00	26.52 -3.05 0.00	26.16 -2.93 0.00	28.43 -2.99 0.00	35.38 -3.76 0.00	55.10 -5.76 0.00	54.89 -5.23 0.00	54.90 -5.70 0.00	43.15 -4.48 0.00	38.02 -3.81 0.00	30.82 -3.13 0.00
GOETHSLN____LBMP 323567	30.33 2.13 0.00	27.17 1.84 0.00	14.16 0.96 0.00	17.35 1.08 0.00	21.97 1.38 0.00	28.24 1.66 0.00	30.75 1.71 0.00	32.14 1.66 0.61	39.03 2.12 0.78	38.45 2.19 1.03	42.83 2.56 0.58	36.32 2.08 0.00	41.24 2.42 0.21	30.42 2.15 3.33	28.79 2.19 2.97	28.27 2.14 2.95	30.76 2.18 2.84	41.39 2.59 0.34	64.60 3.75 0.00	63.55 3.43 0.00	63.69 3.09 0.00	49.83 2.19 0.00	43.81 1.98 0.00	35.67 1.72 0.00
GOLAH____69_KV_TB 1_2 80279	27.32 -0.88 0.00	24.65 -0.68 0.00	12.83 -0.38 0.00	15.79 -0.48 0.00	20.09 -0.50 0.00	25.92 -0.65 0.00	28.07 -0.96 0.00	29.80 -1.29 0.00	36.07 -1.61 0.00	35.73 -1.56 0.00	39.28 -1.57 0.00	33.02 -1.21 0.00	37.66 -1.38 0.00	30.21 -1.39 0.00	28.18 -1.39 0.00	27.91 -1.17 0.00	30.28 -1.14 0.00	37.61 -1.53 0.00	58.75 -2.10 0.00	58.51 -1.61 0.00	58.80 -1.80 0.00	46.13 -1.50 0.00	40.45 -1.38 0.00	32.75 -1.21 0.00
GOODYEAR_LAKE_HYD 323669	29.00 0.79 0.00	26.06 0.74 0.00	13.60 0.39 0.00	16.77 0.51 0.00	21.28 0.69 0.00	27.41 0.84 0.00	29.93 0.90 0.00	32.02 0.93 0.00	38.85 1.17 0.00	38.50 1.21 0.00	42.21 1.37 0.00	35.27 1.03 0.00	40.20 1.17 0.00	32.61 1.00 0.00	30.47 0.89 0.00	30.02 0.93 0.00	32.43 1.01 0.00	40.47 1.32 0.00	62.92 2.06 0.00	62.25 2.13 0.00	62.56 1.96 0.00	49.09 1.46 0.00	43.07 1.24 0.00	34.89 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.39 0.19 0.00	25.57 0.24 0.00	13.31 0.11 0.00	16.44 0.17 0.00	20.81 0.22 0.00	26.77 0.20 0.00	29.13 0.10 0.00	31.09 0.00 0.00	37.69 0.01 0.00	37.38 0.09 0.00	40.91 0.07 0.00	34.22 -0.02 0.00	39.03 0.00 0.00	31.54 -0.07 0.00	29.48 -0.09 0.00	29.12 0.03 0.00	31.50 0.07 0.00	39.37 0.22 0.00	61.06 0.21 0.00	60.44 0.33 0.00	60.63 0.03 0.00	47.47 -0.16 0.00	41.70 -0.13 0.00	33.77 -0.19 0.00

GOUDEY___7 23579	28.39 0.19 0.00	25.57 0.24 0.00	13.31 0.11 0.00	16.44 0.17 0.00	20.81 0.22 0.00	26.77 0.20 0.00	29.13 0.10 0.00	31.09 0.00 0.00	37.69 0.01 0.00	37.38 0.09 0.00	40.91 0.07 0.00	34.22 -0.02 0.00	39.03 0.00 0.00	31.54 -0.07 0.00	29.48 -0.09 0.00	29.12 0.03 0.00	31.50 0.07 0.00	39.37 0.22 0.00	61.06 0.21 0.00	60.44 0.33 0.00	60.63 0.03 0.00	47.47 -0.16 0.00	41.70 -0.13 0.00	33.77 -0.19 0.00
GOUDEY___8 23580	28.39 0.19 0.00	25.57 0.24 0.00	13.31 0.11 0.00	16.44 0.17 0.00	20.81 0.22 0.00	26.77 0.20 0.00	29.13 0.10 0.00	31.09 0.00 0.00	37.69 0.01 0.00	37.38 0.09 0.00	40.91 0.07 0.00	34.22 -0.02 0.00	39.03 0.00 0.00	31.54 -0.07 0.00	29.48 -0.09 0.00	29.12 0.03 0.00	31.50 0.07 0.00	39.37 0.22 0.00	61.06 0.21 0.00	60.44 0.33 0.00	60.63 0.03 0.00	47.47 -0.16 0.00	41.70 -0.13 0.00	33.77 -0.19 0.00
GOWANUS_GT1_1 24077	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_2 24078	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_3 24079	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_4 24080	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_5 24084	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_6 24111	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_7 24112	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT1_8 24113	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT2_1 24114	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT2_2 24115	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT2_3 24116	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT2_4 24117	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT2_5 24118	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00

GOWANUS_GT2_6 24119	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT2_7 24120	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT2_8 24121	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.52 2.14 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_1 24122	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_2 24123	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_3 24124	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_4 24125	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_5 24126	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_6 24127	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_7 24128	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT3_8 24129	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.53 2.14 -216.15	43.64 2.51 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
GOWANUS_GT4_1 24130	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT4_2 24131	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT4_3 24132	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT4_4 24133	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00

GOWANUS_GT4_5 24134	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT4_6 24135	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT4_7 24136	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GOWANUS_GT4_8 24137	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.52 2.13 -216.15	43.64 2.51 -2.09	66.93 2.30 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GREATVRV_69_KV_BK1 356245	53.30 3.20 -21.89	46.61 2.83 -18.45	33.55 1.48 -18.87	22.63 1.75 -4.61	35.91 2.23 -13.09	48.21 2.81 -18.82	45.96 2.97 -13.96	34.06 2.97 0.00	41.31 3.63 0.00	41.54 3.70 -0.55	49.08 4.02 -4.21	48.07 3.39 -10.44	46.16 3.73 -3.41	47.25 3.14 -12.51	42.40 3.08 -9.74	31.76 2.68 0.00	34.17 2.75 0.00	90.04 3.63 -47.27	143.48 5.18 -77.44	156.39 4.87 -91.40	172.46 4.62 -107.24	152.84 3.42 -101.79	67.84 3.36 -22.65	43.48 3.17 -6.35
GREENBSH_115KV_TB3 55895	29.05 0.84 0.00	26.07 0.74 0.00	13.60 0.40 0.00	16.76 0.49 0.00	21.19 0.60 0.00	27.26 0.69 0.00	29.66 0.62 0.00	31.45 0.36 0.00	38.07 0.39 0.00	37.58 0.29 0.00	40.92 0.07 0.00	34.36 0.12 0.00	39.12 0.09 0.00	31.80 0.19 0.00	29.87 0.29 0.00	29.39 0.31 0.00	31.60 0.18 0.00	39.37 0.22 0.00	61.13 0.28 0.00	60.21 0.09 0.00	60.80 0.20 0.00	47.89 0.25 0.00	42.09 0.26 0.00	34.16 0.20 0.00
GREENDGE_115KV_TB5 80291	27.98 -0.23 0.00	25.19 -0.14 0.00	13.11 -0.10 0.00	16.18 -0.09 0.00	20.52 -0.06 0.00	26.47 -0.10 0.00	28.84 -0.20 0.00	30.78 -0.31 0.00	37.22 -0.46 0.00	36.86 -0.43 0.00	40.33 -0.52 0.00	33.50 -0.74 0.00	38.31 -0.71 0.00	30.80 -0.80 0.00	28.79 -0.78 0.00	28.47 -0.62 0.00	31.06 -0.36 0.00	38.78 -0.37 0.00	59.84 -1.02 0.00	59.51 -0.61 0.00	59.80 -0.80 0.00	46.91 -0.72 0.00	41.27 -0.56 0.00	33.32 -0.64 0.00
GREENIDGE___3 23582	27.98 -0.23 0.00	25.19 -0.14 0.00	13.11 -0.10 0.00	16.18 -0.09 0.00	20.52 -0.06 0.00	26.47 -0.10 0.00	28.84 -0.20 0.00	30.78 -0.31 0.00	37.22 -0.46 0.00	36.86 -0.43 0.00	40.33 -0.52 0.00	33.50 -0.74 0.00	38.31 -0.71 0.00	30.80 -0.80 0.00	28.79 -0.78 0.00	28.47 -0.62 0.00	31.06 -0.36 0.00	38.78 -0.37 0.00	59.84 -1.02 0.00	59.51 -0.61 0.00	59.80 -0.80 0.00	46.91 -0.72 0.00	41.27 -0.56 0.00	33.32 -0.64 0.00
GREENIDGE___4 23583	27.97 -0.23 0.00	25.19 -0.14 0.00	13.11 -0.10 0.00	16.18 -0.09 0.00	20.52 -0.07 0.00	26.47 -0.10 0.00	28.84 -0.20 0.00	30.78 -0.31 0.00	37.21 -0.47 0.00	36.86 -0.43 0.00	40.32 -0.53 0.00	33.50 -0.74 0.00	38.32 -0.71 0.00	30.80 -0.81 0.00	28.79 -0.78 0.00	28.47 -0.62 0.00	31.06 -0.36 0.00	38.77 -0.37 0.00	59.84 -1.01 0.00	59.51 -0.61 0.00	59.80 -0.80 0.00	46.92 -0.71 0.00	41.27 -0.56 0.00	33.32 -0.64 0.00
GREENLWN_69_KV_BK 3 55738	51.98 2.60 -21.18	45.33 2.37 -17.63	32.42 1.23 -17.99	21.88 1.46 -4.14	34.75 1.84 -12.31	47.24 2.29 -18.38	44.94 2.33 -13.58	33.32 2.23 0.00	40.40 2.72 0.00	40.55 2.77 -0.49	47.35 3.02 -3.48	46.19 2.58 -9.38	44.89 2.83 -3.02	46.32 2.42 -12.29	38.97 2.49 -6.91	31.19 2.10 0.00	33.52 2.10 0.00	24.55 2.72 17.32	36.46 3.98 28.37	30.27 3.63 33.49	24.71 3.39 39.29	12.79 2.44 37.29	37.36 2.38 6.86	34.83 2.43 1.56
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.54 2.15 -216.15	43.65 2.53 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00
GRISSOM___SOLAR 323813	29.43 1.22 0.00	26.44 1.11 0.00	13.79 0.58 0.00	16.99 0.72 0.00	21.51 0.92 0.00	27.81 1.24 0.00	30.45 1.41 0.00	32.53 1.44 0.00	39.38 1.70 0.00	38.79 1.51 0.00	42.25 1.41 0.00	34.50 0.26 0.00	39.23 0.20 0.00	31.81 0.21 0.00	30.10 0.52 0.00	29.37 0.28 0.00	31.48 0.06 0.00	39.65 0.51 0.00	62.60 1.74 0.00	62.78 2.67 0.00	63.75 3.15 0.00	50.10 2.47 0.00	43.91 2.08 0.00	35.52 1.57 0.00
GROVEVILLE___HYD 323602	30.27 2.07 0.00	27.13 1.80 0.00	14.14 0.94 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.28 1.71 0.00	30.81 1.77 0.00	32.86 1.77 0.00	39.90 2.22 0.00	39.53 2.24 0.00	43.37 2.53 0.00	36.28 2.05 0.00	41.41 2.38 0.00	33.68 2.07 0.00	31.61 2.04 0.00	31.10 2.01 0.00	33.57 2.14 0.00	41.82 2.67 0.00	64.84 3.99 0.00	63.85 3.74 0.00	64.07 3.46 0.00	50.17 2.54 0.00	44.06 2.22 0.00	35.78 1.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.12 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.38 0.09 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.54 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.98 -0.45 0.00	38.69 -0.45 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
HAMLTNNY_34_KV_TB 80303	27.94 -0.26 0.00	25.10 -0.23 0.00	13.08 -0.12 0.00	16.12 -0.14 0.00	20.44 -0.15 0.00	26.37 -0.20 0.00	28.85 -0.19 0.00	31.13 0.04 0.00	37.77 0.08 0.00	37.38 0.09 0.00	40.90 0.05 0.00	33.60 -0.64 0.00	38.30 -0.73 0.00	30.93 -0.68 0.00	28.85 -0.72 0.00	28.45 -0.64 0.00	30.72 -0.70 0.00	38.44 -0.71 0.00	59.78 -1.07 0.00	59.30 -0.82 0.00	59.77 -0.83 0.00	46.88 -0.75 0.00	41.10 -0.73 0.00	33.37 -0.58 0.00

HAMPSHIRE___PAPER_HYD 323593	27.03 -1.18 0.00	24.26 -1.07 0.00	12.74 -0.46 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.99 -0.58 0.00	28.79 -0.25 0.00	30.99 -0.10 0.00	37.57 -0.11 0.00	37.17 -0.12 0.00	40.72 -0.13 0.00	34.04 -0.19 0.00	38.67 -0.37 0.00	31.14 -0.47 0.00	28.89 -0.69 0.00	28.35 -0.74 0.00	30.74 -0.69 0.00	38.31 -0.84 0.00	60.19 -0.66 0.00	59.93 -0.19 0.00	60.84 0.24 0.00	47.76 0.13 0.00	41.98 0.15 0.00	33.89 -0.06 0.00
HARDSCRABBLE_WT_PWR 323673	28.57 0.36 0.00	25.63 0.30 0.00	13.39 0.18 0.00	16.55 0.28 0.00	20.94 0.35 0.00	26.99 0.42 0.00	29.41 0.37 0.00	31.32 0.22 0.00	37.84 0.16 0.00	37.29 0.00 0.00	40.54 -0.31 0.00	33.59 -0.65 0.00	38.31 -0.72 0.00	31.12 -0.49 0.00	29.34 -0.24 0.00	28.74 -0.35 0.00	30.78 -0.64 0.00	38.77 -0.37 0.00	60.89 0.04 0.00	60.33 0.21 0.00	61.15 0.54 0.00	48.03 0.39 0.00	42.14 0.31 0.00	34.00 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.08 1.88 0.00	26.95 1.62 0.00	14.05 0.84 0.00	17.26 0.99 0.00	21.85 1.26 0.00	28.09 1.51 0.00	30.60 1.56 0.00	32.65 1.56 0.00	39.65 1.97 0.00	39.31 2.02 0.00	43.15 2.31 0.00	36.14 1.90 0.00	41.24 2.20 0.00	33.54 1.93 0.00	31.52 1.94 0.00	31.01 1.92 0.00	33.45 2.03 0.00	41.66 2.52 0.00	64.59 3.74 0.00	63.57 3.45 0.00	63.74 3.14 0.00	49.89 2.25 0.00	43.79 1.96 0.00	35.57 1.62 0.00
HARSNRAD_115KV_TB1 81005	26.20 -2.00 0.00	23.73 -1.60 0.00	12.36 -0.85 0.00	15.20 -1.07 0.00	19.41 -1.18 0.00	24.99 -1.58 0.00	26.87 -2.17 0.00	28.35 -2.75 0.00	34.42 -3.26 0.00	34.23 -3.06 0.00	37.63 -3.22 0.00	31.82 -2.41 0.00	36.28 -2.75 0.00	28.89 -2.72 0.00	26.98 -2.59 0.00	26.66 -2.43 0.00	28.98 -2.44 0.00	36.08 -3.06 0.00	56.21 -4.64 0.00	56.04 -4.08 0.00	56.11 -4.49 0.00	44.08 -3.56 0.00	38.77 -3.07 0.00	31.37 -2.58 0.00
HARZA MOOSE___RIVER 24016	27.94 -0.27 0.00	25.09 -0.24 0.00	13.18 -0.02 0.00	16.29 0.02 0.00	20.72 0.13 0.00	26.88 0.31 0.00	29.52 0.49 0.00	31.61 0.52 0.00	38.34 0.66 0.00	37.95 0.66 0.00	41.52 0.68 0.00	34.68 0.45 0.00	39.43 0.40 0.00	31.83 0.22 0.00	29.56 -0.01 0.00	28.99 -0.10 0.00	31.47 0.05 0.00	39.42 0.27 0.00	61.79 0.94 0.00	61.36 1.24 0.00	62.06 1.46 0.00	48.71 1.08 0.00	42.71 0.88 0.00	34.50 0.55 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.02 -0.19 0.00	25.18 -0.15 0.00	13.12 -0.09 0.00	16.17 -0.10 0.00	20.47 -0.12 0.00	26.39 -0.18 0.00	28.75 -0.28 0.00	30.72 -0.38 0.00	37.28 -0.40 0.00	36.93 -0.36 0.00	40.42 -0.42 0.00	33.76 -0.48 0.00	38.48 -0.55 0.00	31.14 -0.47 0.00	29.05 -0.52 0.00	28.60 -0.49 0.00	30.97 -0.46 0.00	38.65 -0.50 0.00	60.11 -0.74 0.00	59.45 -0.67 0.00	59.81 -0.79 0.00	46.94 -0.70 0.00	41.17 -0.67 0.00	33.42 -0.53 0.00
HELLGATE_13_KV_LD 55870	30.60 2.39 0.00	27.40 2.07 0.00	14.28 1.08 0.00	17.54 1.27 0.00	22.21 1.62 0.00	28.58 2.00 0.00	31.10 2.06 0.00	33.16 2.06 0.00	40.29 2.61 0.00	39.94 2.65 0.00	43.84 3.00 0.00	36.67 2.43 0.00	41.84 2.81 0.00	34.07 2.46 0.00	32.12 2.54 0.00	31.56 2.47 0.00	33.96 2.53 0.00	42.18 3.04 0.00	65.18 4.32 0.00	64.17 4.05 0.00	64.28 3.67 0.00	50.33 2.70 0.00	44.26 2.42 0.00	36.04 2.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.60 2.39 0.00	27.40 2.07 0.00	14.28 1.08 0.00	17.54 1.27 0.00	22.21 1.62 0.00	28.58 2.00 0.00	31.10 2.06 0.00	33.16 2.06 0.00	40.29 2.61 0.00	39.94 2.65 0.00	43.84 3.00 0.00	36.67 2.43 0.00	41.84 2.81 0.00	34.07 2.46 0.00	32.12 2.54 0.00	31.56 2.47 0.00	33.96 2.53 0.00	42.18 3.04 0.00	65.18 4.32 0.00	64.17 4.05 0.00	64.28 3.67 0.00	50.33 2.70 0.00	44.26 2.42 0.00	36.04 2.09 0.00
HEMPSTEAD___ 23647	77.05 2.52 -46.32	72.07 2.21 -44.54	61.00 1.16 -46.64	35.44 1.37 -17.80	59.04 1.74 -36.71	58.95 2.15 -30.23	54.33 2.23 -23.05	33.27 2.18 0.00	40.44 2.75 -0.01	42.23 2.82 -2.12	66.81 3.19 -22.78	63.53 2.58 -26.71	46.54 2.93 -4.58	52.21 2.53 -18.07	43.28 2.49 -11.23	31.33 2.24 0.00	33.75 2.33 0.00	42.07 2.92 0.00	65.10 4.25 0.00	64.03 3.91 0.00	64.23 3.63 0.00	50.30 2.66 0.00	45.89 2.52 -1.54	36.82 2.31 -0.56
HICKLING___1 23621	28.21 0.00 0.00	25.44 0.11 0.00	13.23 0.02 0.00	16.35 0.08 0.00	20.73 0.14 0.00	26.69 0.12 0.00	28.99 -0.05 0.00	30.86 -0.24 0.00	37.30 -0.38 0.00	37.10 -0.19 0.00	40.57 -0.27 0.00	33.92 -0.32 0.00	38.82 -0.22 0.00	31.25 -0.35 0.00	29.23 -0.34 0.00	28.95 -0.14 0.00	31.43 0.01 0.00	39.31 0.17 0.00	60.93 0.08 0.00	60.54 0.42 0.00	60.59 -0.02 0.00	47.31 -0.32 0.00	41.52 -0.31 0.00	33.44 -0.52 0.00
HICKLING___2 23622	28.21 0.00 0.00	25.44 0.11 0.00	13.23 0.02 0.00	16.35 0.08 0.00	20.73 0.14 0.00	26.69 0.12 0.00	28.99 -0.05 0.00	30.86 -0.24 0.00	37.30 -0.38 0.00	37.10 -0.19 0.00	40.57 -0.27 0.00	33.92 -0.32 0.00	38.82 -0.22 0.00	31.25 -0.35 0.00	29.23 -0.34 0.00	28.95 -0.14 0.00	31.43 0.01 0.00	39.31 0.17 0.00	60.93 0.08 0.00	60.54 0.42 0.00	60.59 -0.02 0.00	47.31 -0.32 0.00	41.52 -0.31 0.00	33.44 -0.52 0.00
HIGH FALLS___HY 23754	30.36 2.16 0.00	27.21 1.88 0.00	14.18 0.97 0.00	17.42 1.15 0.00	22.05 1.46 0.00	28.35 1.78 0.00	30.91 1.87 0.00	33.01 1.92 0.00	40.09 2.41 0.00	39.77 2.47 0.00	43.61 2.77 0.00	36.47 2.24 0.00	41.61 2.58 0.00	33.84 2.23 0.00	31.68 2.11 0.00	31.16 2.07 0.00	33.69 2.27 0.00	42.03 2.89 0.00	65.26 4.41 0.00	64.37 4.25 0.00	64.53 3.93 0.00	50.48 2.85 0.00	44.29 2.46 0.00	35.97 2.01 0.00
HIGH_RIVER___SOLAR 323847	29.23 1.02 0.00	26.24 0.91 0.00	13.69 0.49 0.00	16.87 0.60 0.00	21.34 0.75 0.00	27.54 0.96 0.00	30.08 1.04 0.00	32.09 1.00 0.00	38.84 1.15 0.00	38.28 0.99 0.00	41.73 0.88 0.00	34.44 0.21 0.00	39.18 0.15 0.00	31.80 0.19 0.00	29.94 0.37 0.00	29.54 0.45 0.00	31.67 0.25 0.00	39.64 0.50 0.00	62.47 1.62 0.00	61.92 1.80 0.00	62.65 2.04 0.00	49.27 1.64 0.00	43.23 1.40 0.00	35.01 1.06 0.00
HILLBURN___GT 23639	30.10 1.90 0.00	26.96 1.63 0.00	14.06 0.85 0.00	17.27 1.00 0.00	21.86 1.27 0.00	28.09 1.51 0.00	30.58 1.55 0.00	32.63 1.54 0.00	39.63 1.95 0.00	39.31 2.02 0.00	43.15 2.31 0.00	36.12 1.89 0.00	41.24 2.21 0.00	33.56 1.95 0.00	31.53 1.96 0.00	31.01 1.93 0.00	33.44 2.01 0.00	41.58 2.44 0.00	64.47 3.62 0.00	63.42 3.30 0.00	63.58 2.98 0.00	49.76 2.12 0.00	43.72 1.89 0.00	35.52 1.57 0.00
HILLSIDE_115KV_TB1 80332	27.93 -0.27 0.00	25.19 -0.13 0.00	13.11 -0.10 0.00	16.21 -0.06 0.00	20.52 -0.07 0.00	26.36 -0.21 0.00	28.65 -0.39 0.00	30.55 -0.54 0.00	36.95 -0.73 0.00	36.73 -0.57 0.00	40.18 -0.67 0.00	33.61 -0.63 0.00	38.39 -0.64 0.00	30.97 -0.64 0.00	28.94 -0.63 0.00	28.66 -0.43 0.00	31.03 -0.39 0.00	38.85 -0.29 0.00	60.12 -0.74 0.00	59.64 -0.48 0.00	59.67 -0.93 0.00	46.59 -1.04 0.00	40.94 -0.89 0.00	33.06 -0.90 0.00

HISHELDN_WT_PWR 323625	26.90 -1.31 0.00	24.31 -1.02 0.00	12.65 -0.56 0.00	15.60 -0.67 0.00	19.86 -0.72 0.00	25.57 -1.01 0.00	27.54 -1.49 0.00	29.11 -1.98 0.00	35.26 -2.42 0.00	35.13 -2.17 0.00	38.63 -2.22 0.00	32.44 -1.79 0.00	37.12 -1.91 0.00	29.63 -1.98 0.00	27.74 -1.83 0.00	27.45 -1.64 0.00	29.83 -1.60 0.00	37.17 -1.97 0.00	57.78 -3.07 0.00	57.62 -2.50 0.00	57.67 -2.93 0.00	45.13 -2.51 0.00	39.63 -2.20 0.00	31.92 -2.03 0.00
HOLTSVILLE_IC_1 23690	50.51 2.95 -19.35	43.61 2.62 -15.67	30.46 1.36 -15.89	21.01 1.62 -3.13	33.17 2.06 -10.52	46.64 2.58 -17.49	44.59 2.69 -12.86	33.75 2.66 0.00	40.91 3.23 0.00	40.99 3.33 -0.37	46.57 3.61 -2.11	46.17 3.06 -8.88	45.88 3.39 -3.46	46.58 2.87 -12.10	43.18 2.88 -10.73	31.57 2.48 0.00	33.93 2.51 0.00	119.50 3.28 -77.08	191.83 4.72 -126.26	213.51 4.37 -149.02	239.61 4.17 -174.85	216.64 3.05 -165.96	81.02 2.96 -36.22	46.84 2.88 -10.00
HOLTSVILLE_IC_10 23699	51.28 3.12 -19.96	44.41 2.75 -16.34	31.24 1.43 -16.61	21.45 1.70 -3.48	33.89 2.16 -11.14	47.10 2.72 -17.81	45.02 2.86 -13.12	33.94 2.85 0.00	41.15 3.47 0.00	41.28 3.58 -0.41	47.35 3.88 -2.63	46.89 3.29 -9.36	46.22 3.67 -3.52	46.93 3.09 -12.23	43.71 3.07 -11.07	31.75 2.66 0.00	34.12 2.70 0.00	125.90 3.55 -83.20	202.32 5.18 -136.29	225.76 4.78 -160.86	253.85 4.52 -188.74	230.13 3.36 -179.14	84.11 3.25 -39.03	47.80 3.10 -10.75
HOLTSVILLE_IC_2 23691	50.51 2.95 -19.35	43.61 2.62 -15.67	30.46 1.36 -15.89	21.01 1.62 -3.13	33.17 2.06 -10.52	46.64 2.58 -17.49	44.59 2.69 -12.86	33.75 2.66 0.00	40.91 3.23 0.00	40.99 3.33 -0.37	46.57 3.61 -2.11	46.17 3.06 -8.88	45.88 3.39 -3.46	46.58 2.87 -12.10	43.18 2.88 -10.73	31.57 2.48 0.00	33.93 2.51 0.00	119.50 3.28 -77.08	191.83 4.72 -126.26	213.51 4.37 -149.02	239.61 4.17 -174.85	216.64 3.05 -165.96	81.02 2.96 -36.22	46.84 2.88 -10.00
HOLTSVILLE_IC_3 23692	50.51 2.95 -19.35	43.61 2.62 -15.67	30.46 1.36 -15.89	21.01 1.62 -3.13	33.17 2.06 -10.52	46.64 2.58 -17.49	44.59 2.69 -12.86	33.75 2.66 0.00	40.91 3.23 0.00	40.99 3.33 -0.37	46.57 3.61 -2.11	46.17 3.06 -8.88	45.88 3.39 -3.46	46.58 2.87 -12.10	43.18 2.88 -10.73	31.57 2.48 0.00	33.93 2.51 0.00	119.50 3.28 -77.08	191.83 4.72 -126.26	213.51 4.37 -149.02	239.61 4.17 -174.85	216.64 3.05 -165.96	81.02 2.96 -36.22	46.84 2.88 -10.00
HOLTSVILLE_IC_4 23693	50.51 2.95 -19.35	43.61 2.62 -15.67	30.46 1.36 -15.89	21.01 1.62 -3.13	33.17 2.06 -10.52	46.64 2.58 -17.49	44.59 2.69 -12.86	33.75 2.66 0.00	40.91 3.23 0.00	40.99 3.33 -0.37	46.57 3.61 -2.11	46.17 3.06 -8.88	45.88 3.39 -3.46	46.58 2.87 -12.10	43.18 2.88 -10.73	31.57 2.48 0.00	33.93 2.51 0.00	119.50 3.28 -77.08	191.83 4.72 -126.26	213.51 4.37 -149.02	239.61 4.17 -174.85	216.64 3.05 -165.96	81.02 2.96 -36.22	46.84 2.88 -10.00
HOLTSVILLE_IC_5 23694	50.51 2.95 -19.35	43.61 2.62 -15.67	30.46 1.36 -15.89	21.01 1.62 -3.13	33.17 2.06 -10.52	46.64 2.58 -17.49	44.59 2.69 -12.86	33.75 2.66 0.00	40.91 3.23 0.00	40.99 3.33 -0.37	46.57 3.61 -2.11	46.17 3.06 -8.88	45.88 3.39 -3.46	46.58 2.87 -12.10	43.18 2.88 -10.73	31.57 2.48 0.00	33.93 2.51 0.00	119.50 3.28 -77.08	191.83 4.72 -126.26	213.51 4.37 -149.02	239.61 4.17 -174.85	216.64 3.05 -165.96	81.02 2.96 -36.22	46.84 2.88 -10.00
HOLTSVILLE_IC_6 23695	51.28 3.12 -19.96	44.41 2.75 -16.34	31.24 1.43 -16.61	21.45 1.70 -3.48	33.89 2.16 -11.14	47.10 2.72 -17.81	45.02 2.86 -13.12	33.94 2.85 0.00	41.15 3.47 0.00	41.28 3.58 -0.41	47.35 3.88 -2.63	46.89 3.29 -9.36	46.22 3.67 -3.52	46.93 3.09 -12.23	43.71 3.07 -11.07	31.75 2.66 0.00	34.12 2.70 0.00	125.90 3.55 -83.20	202.32 5.18 -136.29	225.76 4.78 -160.86	253.85 4.52 -188.74	230.13 3.36 -179.14	84.11 3.25 -39.03	47.80 3.10 -10.75
HOLTSVILLE_IC_7 23696	51.28 3.12 -19.96	44.41 2.75 -16.34	31.24 1.43 -16.61	21.45 1.70 -3.48	33.89 2.16 -11.14	47.10 2.72 -17.81	45.02 2.86 -13.12	33.94 2.85 0.00	41.15 3.47 0.00	41.28 3.58 -0.41	47.35 3.88 -2.63	46.89 3.29 -9.36	46.22 3.67 -3.52	46.93 3.09 -12.23	43.71 3.07 -11.07	31.75 2.66 0.00	34.12 2.70 0.00	125.90 3.55 -83.20	202.32 5.18 -136.29	225.76 4.78 -160.86	253.85 4.52 -188.74	230.13 3.36 -179.14	84.11 3.25 -39.03	47.80 3.10 -10.75
HOLTSVILLE_IC_8 23697	51.28 3.12 -19.96	44.41 2.75 -16.34	31.24 1.43 -16.61	21.45 1.70 -3.48	33.89 2.16 -11.14	47.10 2.72 -17.81	45.02 2.86 -13.12	33.94 2.85 0.00	41.15 3.47 0.00	41.28 3.58 -0.41	47.35 3.88 -2.63	46.89 3.29 -9.36	46.22 3.67 -3.52	46.93 3.09 -12.23	43.71 3.07 -11.07	31.75 2.66 0.00	34.12 2.70 0.00	125.90 3.55 -83.20	202.32 5.18 -136.29	225.76 4.78 -160.86	253.85 4.52 -188.74	230.13 3.36 -179.14	84.11 3.25 -39.03	47.80 3.10 -10.75
HOLTSVILLE_IC_9 23698	51.28 3.12 -19.96	44.41 2.75 -16.34	31.24 1.43 -16.61	21.45 1.70 -3.48	33.89 2.16 -11.14	47.10 2.72 -17.81	45.02 2.86 -13.12	33.94 2.85 0.00	41.15 3.47 0.00	41.28 3.58 -0.41	47.35 3.88 -2.63	46.89 3.29 -9.36	46.22 3.67 -3.52	46.93 3.09 -12.23	43.71 3.07 -11.07	31.75 2.66 0.00	34.12 2.70 0.00	125.90 3.55 -83.20	202.32 5.18 -136.29	225.76 4.78 -160.86	253.85 4.52 -188.74	230.13 3.36 -179.14	84.11 3.25 -39.03	47.80 3.10 -10.75
HOMER_HL_115KV_TB2 355744	27.72 -0.48 0.00	25.12 -0.20 0.00	13.08 -0.12 0.00	16.13 -0.14 0.00	20.51 -0.08 0.00	26.36 -0.21 0.00	28.53 -0.51 0.00	30.33 -0.76 0.00	36.78 -0.90 0.00	36.54 -0.75 0.00	40.16 -0.68 0.00	33.52 -0.72 0.00	38.15 -0.88 0.00	30.60 -1.01 0.00	28.61 -0.96 0.00	28.43 -0.66 0.00	30.79 -0.63 0.00	38.50 -0.65 0.00	59.91 -0.94 0.00	59.24 -0.88 0.00	59.02 -1.58 0.00	46.03 -1.60 0.00	40.49 -1.35 0.00	32.77 -1.18 0.00
HOWARD_WT_PWR 323690	27.81 -0.40 0.00	25.05 -0.28 0.00	13.01 -0.19 0.00	16.12 -0.15 0.00	20.50 -0.08 0.00	26.44 -0.13 0.00	28.67 -0.36 0.00	30.35 -0.74 0.00	36.60 -1.08 0.00	36.44 -0.85 0.00	40.04 -0.80 0.00	33.43 -0.81 0.00	38.19 -0.84 0.00	30.51 -1.10 0.00	28.61 -0.96 0.00	28.38 -0.70 0.00	30.93 -0.49 0.00	38.55 -0.59 0.00	59.87 -0.98 0.00	59.69 -0.43 0.00	59.76 -0.84 0.00	46.66 -0.97 0.00	40.96 -0.87 0.00	32.69 -1.27 0.00
HQ_GEN_CEDARS 23644	27.81 -0.40 0.00	24.97 -0.36 0.00	13.02 -0.18 0.00	16.03 -0.24 0.00	20.32 -0.27 0.00	26.36 -0.21 0.00	29.26 0.22 0.00	31.58 0.48 0.00	38.26 0.58 0.00	37.85 0.56 0.00	41.52 0.67 0.00	34.86 0.63 0.00	39.71 0.68 0.00	32.04 0.43 0.00	29.91 0.34 0.00	29.39 0.30 0.00	31.78 0.36 0.00	39.26 0.11 0.00	61.26 0.41 0.00	60.80 0.68 0.00	61.57 0.97 0.00	48.36 0.73 0.00	42.71 0.87 0.00	34.58 0.62 0.00
HQ_GEN_CEDARS_PROXY 323590	27.81 -0.40 0.00	24.97 -0.36 0.00	13.02 -0.18 0.00	16.03 -0.24 0.00	20.32 -0.27 0.00	21.65 -0.21 4.71	29.26 0.23 0.00	31.58 0.48 0.00	38.26 0.58 0.00	37.85 0.56 0.00	41.52 0.67 0.00	34.86 0.62 0.00	39.71 0.68 0.00	32.04 0.43 0.00	29.91 0.34 0.00	29.39 0.30 0.00	31.78 0.36 0.00	39.26 0.11 0.00	61.26 0.41 0.00	60.80 0.68 0.00	61.57 0.97 0.00	48.36 0.73 0.00	42.71 0.87 0.00	34.58 0.62 0.00

HQ_GEN_IMPORT 323601	27.93 -0.28 0.00	25.07 -0.25 0.00	13.06 -0.14 0.00	16.09 -0.18 0.00	20.38 -0.21 0.00	19.44 -0.19 6.94	21.71 -0.04 7.29	31.27 0.18 0.00	37.91 0.22 0.00	37.52 0.22 0.00	41.16 0.31 0.00	34.95 0.29 -0.42	39.37 0.34 0.00	31.83 0.22 0.00	29.76 0.19 0.00	29.25 0.16 0.00	31.63 0.20 0.00	39.35 0.21 0.00	61.21 0.36 0.00	60.55 0.43 0.00	61.14 0.55 0.00	48.07 0.44 0.00	42.22 0.39 0.00	34.23 0.27 0.00
HQ_GEN_WHEEL 23651	27.93 -0.28 0.00	25.07 -0.25 0.00	13.06 -0.14 0.00	16.09 -0.18 0.00	20.38 -0.21 0.00	19.44 -0.19 6.94	21.71 -0.04 7.29	31.27 0.18 0.00	37.91 0.22 0.00	37.52 0.22 0.00	41.16 0.31 0.00	34.95 0.29 -0.42	39.37 0.34 0.00	31.83 0.22 0.00	29.76 0.19 0.00	29.25 0.16 0.00	31.63 0.20 0.00	39.35 0.21 0.00	61.21 0.36 0.00	60.55 0.43 0.00	61.14 0.55 0.00	48.07 0.44 0.00	42.22 0.39 0.00	34.23 0.27 0.00
HUDSON AVE_GT_3 23810	30.46 2.25 0.00	27.28 1.95 0.00	14.22 1.02 0.00	17.45 1.18 0.00	22.08 1.49 0.00	28.39 1.82 0.00	30.93 1.89 0.00	32.95 1.85 0.00	40.04 2.36 0.00	39.69 2.40 0.00	43.60 2.75 0.00	36.50 2.26 0.00	41.65 2.62 0.00	33.91 2.30 0.00	31.93 2.35 0.00	31.38 2.30 0.00	33.77 2.34 0.00	41.94 2.80 0.00	64.89 4.03 0.00	63.83 3.71 0.00	63.99 3.38 0.00	50.08 2.44 0.00	44.02 2.19 0.00	35.86 1.91 0.00
HUDSON AVE_GT_4 23540	30.46 2.25 0.00	27.28 1.95 0.00	14.22 1.02 0.00	17.45 1.18 0.00	22.08 1.49 0.00	28.39 1.82 0.00	30.93 1.89 0.00	32.95 1.85 0.00	40.04 2.36 0.00	39.69 2.40 0.00	43.60 2.75 0.00	36.50 2.26 0.00	41.65 2.62 0.00	33.91 2.30 0.00	31.93 2.35 0.00	31.38 2.30 0.00	33.77 2.34 0.00	41.94 2.80 0.00	64.89 4.03 0.00	63.83 3.71 0.00	63.99 3.38 0.00	50.08 2.44 0.00	44.02 2.19 0.00	35.86 1.91 0.00
HUDSON AVE_GT_5 23657	30.46 2.25 0.00	27.28 1.95 0.00	14.22 1.02 0.00	17.45 1.18 0.00	22.08 1.49 0.00	28.39 1.82 0.00	30.93 1.89 0.00	32.95 1.85 0.00	40.04 2.36 0.00	39.69 2.40 0.00	43.60 2.75 0.00	36.50 2.26 0.00	41.65 2.62 0.00	33.91 2.30 0.00	31.93 2.35 0.00	31.38 2.30 0.00	33.77 2.34 0.00	41.94 2.80 0.00	64.89 4.03 0.00	63.83 3.71 0.00	63.99 3.38 0.00	50.08 2.44 0.00	44.02 2.19 0.00	35.86 1.91 0.00
HUDSON_AVE_10 24168	30.34 2.13 0.00	27.18 1.85 0.00	14.16 0.96 0.00	17.38 1.11 0.00	22.00 1.41 0.00	28.30 1.72 0.00	30.82 1.78 0.00	32.83 1.73 0.00	39.89 2.20 0.00	39.52 2.23 0.00	43.42 2.57 0.00	36.35 2.11 0.00	41.48 2.45 0.00	33.76 2.16 0.00	31.79 2.22 0.00	31.26 2.17 0.00	33.62 2.20 0.00	41.75 2.60 0.00	64.55 3.70 0.00	63.51 3.39 0.00	63.64 3.04 0.00	49.84 2.20 0.00	43.81 1.98 0.00	35.71 1.75 0.00
HUDSON___115KV_TB 4 355613	29.27 1.06 0.00	26.26 0.94 0.00	13.70 0.50 0.00	16.88 0.61 0.00	21.33 0.74 0.00	27.46 0.89 0.00	29.92 0.88 0.00	31.71 0.62 0.00	38.33 0.65 0.00	37.63 0.34 0.00	41.04 0.19 0.00	34.40 0.16 0.00	39.14 0.11 0.00	31.83 0.22 0.00	29.88 0.31 0.00	29.42 0.33 0.00	31.80 0.37 0.00	39.53 0.38 0.00	61.31 0.46 0.00	60.78 0.66 0.00	61.53 0.93 0.00	48.42 0.79 0.00	42.52 0.68 0.00	34.47 0.52 0.00
HUNTER MOUNT___DRP 323613	29.75 1.55 0.00	26.70 1.37 0.00	13.92 0.71 0.00	17.16 0.90 0.00	21.69 1.10 0.00	27.97 1.40 0.00	30.52 1.48 0.00	32.47 1.38 0.00	39.26 1.58 0.00	38.65 1.36 0.00	41.98 1.13 0.00	35.07 0.83 0.00	39.85 0.82 0.00	32.33 0.72 0.00	30.25 0.68 0.00	29.73 0.64 0.00	31.84 0.41 0.00	40.06 0.92 0.00	62.87 2.02 0.00	62.39 2.27 0.00	63.13 2.53 0.00	49.70 2.07 0.00	43.57 1.74 0.00	35.24 1.28 0.00
HUNTINGTON_RES_REC 323705	51.21 2.78 -20.22	44.44 2.50 -16.61	31.40 1.30 -16.90	21.42 1.54 -3.61	33.92 1.96 -11.38	46.92 2.44 -17.91	44.75 2.52 -13.20	33.55 2.46 0.00	40.65 2.97 0.00	40.78 3.06 -0.43	46.85 3.30 -2.70	45.47 2.84 -8.40	44.91 3.13 -2.75	46.26 2.65 -12.00	37.32 2.70 -5.05	31.36 2.28 0.00	33.70 2.28 0.00	-15.33 2.99 57.47	-28.88 4.41 94.15	-46.95 4.05 111.12	-65.96 3.82 130.38	-73.35 2.77 123.75	19.31 2.70 25.21	30.16 2.68 6.47
HUNTLEY___63 23557	26.48 -1.73 0.00	23.99 -1.34 0.00	12.48 -0.72 0.00	15.35 -0.92 0.00	19.58 -1.01 0.00	25.21 -1.37 0.00	27.09 -1.95 0.00	28.63 -2.46 0.00	34.81 -2.88 0.00	34.65 -2.65 0.00	38.13 -2.72 0.00	32.21 -2.03 0.00	36.75 -2.28 0.00	29.29 -2.32 0.00	27.36 -2.21 0.00	27.04 -2.04 0.00	29.38 -2.04 0.00	36.61 -2.54 0.00	56.98 -3.87 0.00	56.82 -3.30 0.00	56.80 -3.80 0.00	44.58 -3.05 0.00	39.19 -2.64 0.00	31.71 -2.24 0.00
HUNTLEY___64 23558	26.48 -1.73 0.00	23.99 -1.34 0.00	12.48 -0.72 0.00	15.35 -0.92 0.00	19.58 -1.01 0.00	25.21 -1.37 0.00	27.09 -1.95 0.00	28.63 -2.46 0.00	34.81 -2.88 0.00	34.65 -2.65 0.00	38.13 -2.72 0.00	32.21 -2.03 0.00	36.75 -2.28 0.00	29.29 -2.32 0.00	27.36 -2.21 0.00	27.04 -2.04 0.00	29.38 -2.04 0.00	36.61 -2.54 0.00	56.98 -3.87 0.00	56.82 -3.30 0.00	56.80 -3.80 0.00	44.58 -3.05 0.00	39.19 -2.64 0.00	31.71 -2.24 0.00
HUNTLEY___65 23559	26.48 -1.73 0.00	23.99 -1.34 0.00	12.48 -0.72 0.00	15.35 -0.92 0.00	19.58 -1.01 0.00	25.21 -1.37 0.00	27.09 -1.95 0.00	28.63 -2.46 0.00	34.81 -2.88 0.00	34.65 -2.65 0.00	38.13 -2.72 0.00	32.21 -2.03 0.00	36.75 -2.28 0.00	29.29 -2.32 0.00	27.36 -2.21 0.00	27.04 -2.04 0.00	29.38 -2.04 0.00	36.61 -2.54 0.00	56.98 -3.87 0.00	56.82 -3.30 0.00	56.80 -3.80 0.00	44.58 -3.05 0.00	39.19 -2.64 0.00	31.71 -2.24 0.00
HUNTLEY___66 23560	26.48 -1.73 0.00	23.99 -1.34 0.00	12.48 -0.72 0.00	15.35 -0.92 0.00	19.58 -1.01 0.00	25.21 -1.37 0.00	27.09 -1.95 0.00	28.63 -2.46 0.00	34.81 -2.88 0.00	34.65 -2.65 0.00	38.13 -2.72 0.00	32.21 -2.03 0.00	36.75 -2.28 0.00	29.29 -2.32 0.00	27.36 -2.21 0.00	27.04 -2.04 0.00	29.38 -2.04 0.00	36.61 -2.54 0.00	56.98 -3.87 0.00	56.82 -3.30 0.00	56.80 -3.80 0.00	44.58 -3.05 0.00	39.19 -2.64 0.00	31.71 -2.24 0.00
HUNTLEY___67 23561	26.42 -1.78 0.00	23.92 -1.41 0.00	12.46 -0.75 0.00	15.33 -0.94 0.00	19.54 -1.05 0.00	25.15 -1.43 0.00	27.05 -1.99 0.00	28.60 -2.49 0.00	34.77 -2.92 0.00	34.58 -2.71 0.00	38.04 -2.80 0.00	32.12 -2.12 0.00	36.67 -2.36 0.00	29.21 -2.40 0.00	27.27 -2.30 0.00	26.94 -2.15 0.00	29.26 -2.16 0.00	36.46 -2.68 0.00	56.79 -4.06 0.00	56.53 -3.59 0.00	56.51 -4.09 0.00	44.31 -3.33 0.00	38.95 -2.88 0.00	31.52 -2.44 0.00
HUNTLEY___68 23562	26.42 -1.78 0.00	23.92 -1.41 0.00	12.46 -0.75 0.00	15.33 -0.94 0.00	19.54 -1.05 0.00	25.15 -1.43 0.00	27.05 -1.99 0.00	28.60 -2.49 0.00	34.77 -2.92 0.00	34.58 -2.71 0.00	38.04 -2.80 0.00	32.12 -2.12 0.00	36.67 -2.36 0.00	29.21 -2.40 0.00	27.27 -2.30 0.00	26.94 -2.15 0.00	29.26 -2.16 0.00	36.46 -2.68 0.00	56.79 -4.06 0.00	56.53 -3.59 0.00	56.51 -4.09 0.00	44.31 -3.33 0.00	38.95 -2.88 0.00	31.52 -2.44 0.00

HYLAND___LFGE 323620	28.40 0.19 0.00	25.56 0.24 0.00	13.29 0.08 0.00	16.40 0.13 0.00	20.87 0.28 0.00	26.98 0.41 0.00	29.35 0.31 0.00	31.02 -0.07 0.00	36.82 -0.86 0.00	36.48 -0.81 0.00	39.93 -0.92 0.00	33.33 -0.90 0.00	38.12 -0.91 0.00	30.56 -1.05 0.00	28.46 -1.11 0.00	28.09 -1.00 0.00	30.12 -1.31 0.00	37.78 -1.37 0.00	58.20 -2.65 0.00	59.14 -0.98 0.00	59.87 -0.73 0.00	47.00 -0.63 0.00	41.99 0.16 0.00	33.92 -0.04 0.00
INDECK___CORINTH 23802	29.67 1.47 0.00	26.55 1.23 0.00	13.86 0.66 0.00	17.08 0.81 0.00	21.58 0.99 0.00	27.89 1.32 0.00	30.72 1.68 0.00	32.97 1.88 0.00	39.72 2.04 0.00	39.07 1.77 0.00	42.47 1.62 0.00	35.27 1.03 0.00	40.22 1.19 0.00	32.81 1.21 0.00	30.77 1.19 0.00	30.35 1.26 0.00	32.91 1.49 0.00	40.83 1.68 0.00	63.73 2.88 0.00	63.02 2.90 0.00	63.82 3.22 0.00	50.26 2.63 0.00	44.01 2.18 0.00	35.39 1.43 0.00
INDECK___ILION 23567	28.51 0.30 0.00	25.57 0.24 0.00	13.35 0.14 0.00	16.47 0.20 0.00	20.84 0.25 0.00	26.86 0.29 0.00	29.29 0.25 0.00	31.23 0.13 0.00	37.78 0.10 0.00	37.31 0.02 0.00	40.68 -0.17 0.00	33.90 -0.34 0.00	38.65 -0.38 0.00	31.35 -0.25 0.00	29.47 -0.10 0.00	28.94 -0.15 0.00	31.13 -0.30 0.00	39.00 -0.15 0.00	60.91 0.06 0.00	60.23 0.11 0.00	60.86 0.26 0.00	47.84 0.20 0.00	41.98 0.15 0.00	33.97 0.02 0.00
INDECK___OLEAN 23982	27.72 -0.48 0.00	25.12 -0.20 0.00	13.08 -0.12 0.00	16.13 -0.14 0.00	20.51 -0.09 0.00	26.36 -0.21 0.00	28.53 -0.51 0.00	30.33 -0.76 0.00	36.77 -0.91 0.00	36.53 -0.76 0.00	40.15 -0.69 0.00	33.52 -0.72 0.00	38.17 -0.87 0.00	30.60 -1.01 0.00	28.61 -0.96 0.00	28.43 -0.66 0.00	30.79 -0.63 0.00	38.47 -0.67 0.00	59.91 -0.94 0.00	59.24 -0.88 0.00	59.02 -1.58 0.00	46.03 -1.60 0.00	40.48 -1.35 0.00	32.77 -1.19 0.00
INDECK___OSWEGO 23783	27.51 -0.69 0.00	24.72 -0.61 0.00	12.90 -0.30 0.00	15.90 -0.37 0.00	20.12 -0.47 0.00	25.94 -0.63 0.00	28.24 -0.79 0.00	30.08 -1.01 0.00	36.47 -1.21 0.00	36.12 -1.17 0.00	39.57 -1.28 0.00	33.17 -1.07 0.00	37.78 -1.25 0.00	30.56 -1.05 0.00	28.48 -1.09 0.00	27.99 -1.09 0.00	30.29 -1.14 0.00	37.78 -1.36 0.00	58.86 -1.99 0.00	58.25 -1.86 0.00	58.71 -1.89 0.00	46.11 -1.53 0.00	40.47 -1.36 0.00	32.91 -1.05 0.00
INDECK___YERKES 23781	26.50 -1.70 0.00	24.01 -1.32 0.00	12.49 -0.71 0.00	15.37 -0.90 0.00	19.60 -0.99 0.00	25.23 -1.34 0.00	27.12 -1.92 0.00	28.65 -2.44 0.00	34.83 -2.85 0.00	34.68 -2.61 0.00	38.15 -2.70 0.00	32.25 -1.99 0.00	36.82 -2.22 0.00	29.32 -2.29 0.00	27.39 -2.18 0.00	27.08 -2.00 0.00	29.41 -2.02 0.00	36.62 -2.53 0.00	57.05 -3.81 0.00	56.88 -3.24 0.00	56.86 -3.74 0.00	44.63 -3.01 0.00	39.24 -2.60 0.00	31.75 -2.20 0.00
INDIAN POINT_GT_1 24139	30.11 1.90 0.00	26.98 1.65 0.00	14.06 0.86 0.00	17.28 1.01 0.00	21.87 1.28 0.00	28.09 1.52 0.00	30.60 1.56 0.00	32.61 1.52 0.00	39.60 1.91 0.00	39.26 1.97 0.00	43.08 2.23 0.00	36.07 1.83 0.00	41.16 2.13 0.00	33.49 1.88 0.00	31.48 1.91 0.00	30.96 1.87 0.00	33.35 1.92 0.00	41.48 2.33 0.00	64.27 3.41 0.00	63.23 3.12 0.00	63.43 2.83 0.00	49.66 2.03 0.00	43.66 1.83 0.00	35.51 1.56 0.00
INDIAN POINT_GT_2 23659	30.11 1.90 0.00	26.98 1.65 0.00	14.06 0.86 0.00	17.28 1.01 0.00	21.87 1.28 0.00	28.09 1.52 0.00	30.60 1.56 0.00	32.61 1.52 0.00	39.60 1.91 0.00	39.26 1.97 0.00	43.08 2.23 0.00	36.07 1.83 0.00	41.16 2.13 0.00	33.49 1.88 0.00	31.48 1.91 0.00	30.96 1.87 0.00	33.35 1.92 0.00	41.48 2.33 0.00	64.27 3.41 0.00	63.23 3.12 0.00	63.43 2.83 0.00	49.66 2.03 0.00	43.66 1.83 0.00	35.51 1.56 0.00
INDIAN POINT_GT_3 24019	30.11 1.90 0.00	26.98 1.65 0.00	14.06 0.86 0.00	17.28 1.01 0.00	21.87 1.28 0.00	28.09 1.52 0.00	30.60 1.56 0.00	32.61 1.52 0.00	39.60 1.91 0.00	39.26 1.97 0.00	43.08 2.23 0.00	36.07 1.83 0.00	41.16 2.13 0.00	33.49 1.88 0.00	31.48 1.91 0.00	30.96 1.87 0.00	33.35 1.92 0.00	41.48 2.33 0.00	64.27 3.41 0.00	63.23 3.12 0.00	63.43 2.83 0.00	49.66 2.03 0.00	43.66 1.83 0.00	35.51 1.56 0.00
INDIAN POINT___2 23530	30.09 1.88 0.00	26.96 1.63 0.00	14.06 0.85 0.00	17.26 0.99 0.00	21.86 1.27 0.00	28.08 1.51 0.00	30.57 1.54 0.00	32.60 1.51 0.00	39.59 1.90 0.00	39.23 1.94 0.00	43.05 2.21 0.00	36.06 1.82 0.00	41.14 2.11 0.00	33.47 1.86 0.00	31.47 1.90 0.00	30.95 1.86 0.00	33.33 1.91 0.00	41.46 2.31 0.00	64.23 3.38 0.00	63.21 3.10 0.00	63.39 2.79 0.00	49.63 1.99 0.00	43.63 1.79 0.00	35.49 1.54 0.00
INDIAN POINT___3 23531	30.08 1.88 0.00	26.95 1.62 0.00	14.05 0.85 0.00	17.26 0.99 0.00	21.85 1.26 0.00	28.07 1.50 0.00	30.56 1.52 0.00	32.57 1.48 0.00	39.56 1.88 0.00	39.21 1.92 0.00	43.02 2.17 0.00	36.02 1.78 0.00	41.12 2.09 0.00	33.45 1.84 0.00	31.45 1.87 0.00	30.92 1.83 0.00	33.30 1.88 0.00	41.42 2.27 0.00	64.18 3.33 0.00	63.16 3.04 0.00	63.35 2.75 0.00	49.60 1.97 0.00	43.62 1.78 0.00	35.47 1.52 0.00
INGHAM_C_115KV_TB7 356103	28.81 0.61 0.00	25.81 0.48 0.00	13.48 0.27 0.00	16.66 0.39 0.00	21.05 0.47 0.00	27.12 0.55 0.00	29.54 0.50 0.00	31.39 0.29 0.00	37.87 0.19 0.00	37.27 -0.02 0.00	40.40 -0.44 0.00	33.36 -0.87 0.00	38.06 -0.97 0.00	30.93 -0.67 0.00	29.29 -0.28 0.00	28.70 -0.39 0.00	30.70 -0.73 0.00	38.72 -0.43 0.00	60.85 0.00 0.00	60.28 0.16 0.00	61.16 0.56 0.00	48.02 0.38 0.00	42.14 0.31 0.00	33.98 0.03 0.00
IP CORINTH___1 23988	29.67 1.47 0.00	26.55 1.23 0.00	13.86 0.66 0.00	17.08 0.81 0.00	21.58 0.99 0.00	27.89 1.32 0.00	30.72 1.68 0.00	32.97 1.87 0.00	39.72 2.04 0.00	39.07 1.77 0.00	42.47 1.62 0.00	35.27 1.03 0.00	40.22 1.19 0.00	32.81 1.21 0.00	30.77 1.19 0.00	30.35 1.26 0.00	32.91 1.49 0.00	40.82 1.68 0.00	63.73 2.88 0.00	63.02 2.90 0.00	63.83 3.23 0.00	50.26 2.63 0.00	44.01 2.18 0.00	35.39 1.43 0.00
IP___TICONDEROGA 23804	30.05 1.85 0.00	26.86 1.54 0.00	14.08 0.87 0.00	17.35 1.08 0.00	21.88 1.29 0.00	28.34 1.76 0.00	31.42 2.39 0.00	33.79 2.70 0.00	40.57 2.89 0.00	39.58 2.29 0.00	42.61 1.76 0.00	35.41 1.18 0.00	40.44 1.41 0.00	33.15 1.54 0.00	31.19 1.61 0.00	30.88 1.79 0.00	33.44 2.01 0.00	41.43 2.28 0.00	64.41 3.56 0.00	64.07 3.96 0.00	65.58 4.98 0.00	51.95 4.32 0.00	45.40 3.57 0.00	36.08 2.13 0.00
ISLIP_RES_REC 323679	51.79 3.22 -20.37	44.94 2.84 -16.78	31.76 1.47 -17.08	21.74 1.75 -3.72	34.37 2.23 -11.55	47.41 2.82 -18.02	45.31 2.97 -13.30	34.08 2.98 0.00	41.32 3.64 0.00	41.50 3.77 -0.44	47.89 4.09 -2.96	47.29 3.47 -9.59	46.40 3.87 -3.50	47.13 3.24 -12.29	43.57 3.20 -10.79	31.88 2.79 0.00	34.26 2.84 0.00	118.68 3.76 -75.77	190.48 5.51 -124.13	211.72 5.11 -146.50	237.34 4.85 -171.89	214.39 3.60 -163.15	80.92 3.45 -35.65	47.04 3.24 -9.85

JAMAICA__27_KV_LOAD 355505	30.43 2.23 0.00	27.29 1.96 0.00	14.21 1.01 0.00	17.44 1.17 0.00	22.08 1.49 0.00	28.42 1.85 0.00	30.97 1.93 0.00	32.95 1.86 0.00	40.05 2.36 0.00	39.64 2.35 0.00	43.57 2.72 0.00	36.47 2.23 0.00	41.62 2.58 0.00	33.86 2.25 0.00	31.91 2.34 0.00	31.33 2.25 0.00	33.71 2.29 0.00	41.83 2.69 0.00	64.66 3.80 0.00	63.62 3.50 0.00	63.75 3.15 0.00	49.93 2.30 0.00	43.89 2.06 0.00	35.80 1.85 0.00
JANIS__SOLAR 323808	29.05 0.85 0.00	26.15 0.82 0.00	13.61 0.41 0.00	16.82 0.55 0.00	21.33 0.74 0.00	27.60 1.03 0.00	30.15 1.11 0.00	32.17 1.08 0.00	38.87 1.19 0.00	38.45 1.16 0.00	41.93 1.09 0.00	34.65 0.41 0.00	39.40 0.37 0.00	31.80 0.19 0.00	29.74 0.17 0.00	29.40 0.31 0.00	32.03 0.61 0.00	40.34 1.19 0.00	62.77 1.92 0.00	62.55 2.43 0.00	63.33 2.73 0.00	49.58 1.94 0.00	43.39 1.55 0.00	34.93 0.98 0.00
JARVIS____ 23743	28.29 0.09 0.00	25.40 0.07 0.00	13.25 0.04 0.00	16.33 0.07 0.00	20.66 0.07 0.00	26.65 0.08 0.00	29.06 0.03 0.00	31.05 -0.05 0.00	37.61 -0.08 0.00	37.22 -0.08 0.00	40.73 -0.11 0.00	34.14 -0.10 0.00	38.90 -0.13 0.00	31.53 -0.08 0.00	29.51 -0.06 0.00	29.03 -0.06 0.00	31.36 -0.06 0.00	39.07 -0.07 0.00	60.74 -0.12 0.00	59.99 -0.13 0.00	60.42 -0.18 0.00	47.53 -0.11 0.00	41.73 -0.10 0.00	33.88 -0.08 0.00
JENNISON____1 23625	28.86 0.66 0.00	26.06 0.74 0.00	13.61 0.41 0.00	16.84 0.57 0.00	21.43 0.84 0.00	27.70 1.12 0.00	30.18 1.14 0.00	32.22 1.13 0.00	39.07 1.39 0.00	38.69 1.40 0.00	42.32 1.47 0.00	35.16 0.93 0.00	40.07 1.04 0.00	32.45 0.84 0.00	30.30 0.73 0.00	30.07 0.99 0.00	32.53 1.11 0.00	40.81 1.66 0.00	63.50 2.65 0.00	63.05 2.93 0.00	63.50 2.90 0.00	49.66 2.03 0.00	43.51 1.68 0.00	35.06 1.10 0.00
JENNISON____2 23626	28.86 0.66 0.00	26.06 0.74 0.00	13.61 0.41 0.00	16.84 0.57 0.00	21.43 0.84 0.00	27.70 1.12 0.00	30.18 1.14 0.00	32.22 1.13 0.00	39.07 1.39 0.00	38.69 1.40 0.00	42.32 1.47 0.00	35.16 0.93 0.00	40.07 1.04 0.00	32.45 0.84 0.00	30.30 0.73 0.00	30.07 0.99 0.00	32.53 1.11 0.00	40.81 1.66 0.00	63.50 2.65 0.00	63.05 2.93 0.00	63.50 2.90 0.00	49.66 2.03 0.00	43.51 1.68 0.00	35.06 1.10 0.00
JERICOHO_RISE_WT_PWR 323719	27.92 -0.28 0.00	25.08 -0.25 0.00	13.08 -0.13 0.00	16.09 -0.18 0.00	20.36 -0.23 0.00	26.40 -0.18 0.00	29.17 0.14 0.00	31.49 0.40 0.00	38.18 0.50 0.00	37.75 0.46 0.00	41.41 0.56 0.00	34.79 0.55 0.00	39.67 0.64 0.00	32.06 0.45 0.00	29.96 0.39 0.00	29.45 0.36 0.00	31.87 0.45 0.00	39.66 0.51 0.00	61.72 0.86 0.00	61.20 1.08 0.00	61.94 1.34 0.00	48.71 1.08 0.00	42.72 0.88 0.00	34.55 0.60 0.00
KATONAH__115KV_46KV_TB4 355592	30.21 2.01 0.00	27.08 1.75 0.00	14.12 0.91 0.00	17.34 1.07 0.00	21.95 1.36 0.00	28.21 1.64 0.00	30.73 1.69 0.00	32.76 1.67 0.00	39.78 2.10 0.00	39.42 2.14 0.00	43.26 2.41 0.00	36.22 1.99 0.00	41.34 2.30 0.00	33.63 2.02 0.00	31.62 2.05 0.00	31.09 2.00 0.00	33.49 2.07 0.00	41.66 2.51 0.00	64.56 3.70 0.00	63.52 3.40 0.00	63.73 3.12 0.00	49.90 2.27 0.00	43.83 2.00 0.00	35.66 1.71 0.00
KCE_NY_1 323755	29.66 1.46 0.00	26.57 1.24 0.00	13.86 0.66 0.00	17.07 0.81 0.00	21.59 1.00 0.00	27.88 1.31 0.00	30.57 1.54 0.00	32.76 1.67 0.00	39.53 1.85 0.00	38.94 1.65 0.00	42.45 1.60 0.00	35.32 1.08 0.00	40.26 1.23 0.00	32.74 1.14 0.00	30.76 1.18 0.00	30.29 1.21 0.00	32.76 1.34 0.00	40.66 1.52 0.00	63.50 2.65 0.00	62.62 2.50 0.00	63.28 2.69 0.00	49.73 2.09 0.00	43.63 1.79 0.00	35.24 1.29 0.00
KCE_NY_6_ESR 323823	26.83 -1.38 0.00	24.28 -1.05 0.00	12.64 -0.57 0.00	15.56 -0.71 0.00	19.83 -0.76 0.00	25.52 -1.05 0.00	27.48 -1.55 0.00	29.07 -2.02 0.00	35.34 -2.34 0.00	35.17 -2.13 0.00	38.67 -2.18 0.00	32.60 -1.63 0.00	37.28 -1.76 0.00	29.70 -1.91 0.00	27.76 -1.81 0.00	27.45 -1.64 0.00	29.83 -1.59 0.00	37.21 -1.94 0.00	57.94 -2.92 0.00	57.69 -2.43 0.00	57.66 -2.95 0.00	45.13 -2.50 0.00	39.62 -2.21 0.00	32.01 -1.94 0.00
KEDC_PORT_JEFF_GT2 24210	51.02 3.07 -19.75	44.14 2.72 -16.10	30.97 1.41 -16.36	21.30 1.68 -3.36	33.64 2.13 -10.92	46.95 2.68 -17.69	44.87 2.81 -13.03	33.88 2.79 0.00	41.08 3.40 0.00	41.18 3.50 -0.40	47.08 3.78 -2.45	46.74 3.22 -9.28	46.18 3.59 -3.56	46.84 3.03 -12.21	44.04 3.01 -11.46	31.62 2.53 0.00	33.98 2.56 0.00	135.25 3.37 -92.74	217.69 4.91 -151.92	243.98 4.56 -179.30	275.31 4.33 -210.38	250.50 3.19 -199.68	88.29 3.07 -43.38	48.92 3.04 -11.92
KEDC_PORT_JEFF_GT3 24211	51.02 3.07 -19.75	44.14 2.72 -16.10	30.97 1.41 -16.36	21.30 1.68 -3.36	33.64 2.13 -10.92	46.95 2.68 -17.69	44.87 2.81 -13.03	33.88 2.79 0.00	41.08 3.40 0.00	41.18 3.50 -0.40	47.08 3.78 -2.45	46.74 3.22 -9.28	46.18 3.59 -3.56	46.84 3.03 -12.21	44.04 3.01 -11.46	31.62 2.53 0.00	33.98 2.56 0.00	135.25 3.37 -92.74	217.69 4.91 -151.92	243.98 4.56 -179.30	275.31 4.33 -210.38	250.50 3.19 -199.68	88.29 3.07 -43.38	48.92 3.04 -11.92
KEDC_GLWD_GT4 24219	80.44 2.49 -49.74	74.60 2.19 -47.09	63.49 1.14 -49.14	35.44 1.35 -17.82	60.34 1.71 -38.05	57.98 2.10 -29.31	52.90 2.17 -21.69	33.23 2.14 0.00	40.39 2.70 -0.01	42.18 2.76 -2.12	66.17 3.13 -22.19	64.68 2.57 -27.88	47.26 2.94 -5.29	55.02 2.53 -20.88	45.08 2.54 -12.97	31.45 2.36 0.00	33.86 2.44 0.00	42.17 3.03 0.00	65.27 4.42 0.00	64.22 4.10 0.00	64.41 3.81 0.00	50.42 2.79 0.00	46.16 2.55 -1.78	36.78 2.26 -0.56
KEDC_GLWD_GT5 24220	80.44 2.49 -49.74	74.60 2.19 -47.09	63.49 1.14 -49.14	35.44 1.35 -17.82	60.34 1.71 -38.05	57.98 2.10 -29.31	52.90 2.17 -21.69	33.23 2.14 0.00	40.39 2.70 -0.01	42.18 2.76 -2.12	66.17 3.13 -22.19	64.68 2.57 -27.88	47.26 2.94 -5.29	55.02 2.53 -20.88	45.08 2.54 -12.97	31.45 2.36 0.00	33.86 2.44 0.00	42.17 3.03 0.00	65.27 4.42 0.00	64.22 4.10 0.00	64.41 3.81 0.00	50.42 2.79 0.00	46.16 2.55 -1.78	36.78 2.26 -0.56
KENSICO____ 23655	30.23 2.03 0.00	27.09 1.77 0.00	14.12 0.92 0.00	17.34 1.07 0.00	21.95 1.36 0.00	28.22 1.65 0.00	30.72 1.68 0.00	32.73 1.64 0.00	39.76 2.08 0.00	39.41 2.12 0.00	43.25 2.40 0.00	36.22 1.98 0.00	41.33 2.30 0.00	33.63 2.02 0.00	31.62 2.05 0.00	31.09 2.00 0.00	33.47 2.05 0.00	41.62 2.47 0.00	64.46 3.61 0.00	63.42 3.30 0.00	63.61 3.01 0.00	49.81 2.18 0.00	43.80 1.96 0.00	35.64 1.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.36 2.16 0.00	27.21 1.88 0.00	14.18 0.97 0.00	17.43 1.16 0.00	22.06 1.47 0.00	28.37 1.80 0.00	30.93 1.90 0.00	33.03 1.93 0.00	40.09 2.41 0.00	39.74 2.45 0.00	43.56 2.71 0.00	36.41 2.17 0.00	41.52 2.49 0.00	33.77 2.16 0.00	31.61 2.04 0.00	31.09 2.01 0.00	33.61 2.19 0.00	41.94 2.80 0.00	65.17 4.31 0.00	64.34 4.22 0.00	64.53 3.93 0.00	50.50 2.87 0.00	44.31 2.48 0.00	35.97 2.01 0.00

KIAC_JFK_GT1 23816	30.27 2.07 0.00	27.15 1.83 0.00	14.14 0.94 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.25 1.68 0.00	30.77 1.73 0.00	32.76 1.66 0.00	39.77 2.09 0.00	39.30 2.01 0.00	43.24 2.39 0.00	36.19 1.95 0.00	41.30 2.27 0.00	33.61 2.00 0.00	31.67 2.10 0.00	31.08 1.99 0.00	33.42 2.00 0.00	41.47 2.32 0.00	64.07 3.22 0.00	63.04 2.92 0.00	63.18 2.58 0.00	49.49 1.86 0.00	43.50 1.67 0.00	35.59 1.64 0.00
KIAC_JFK_GT2 23817	30.27 2.07 0.00	27.15 1.83 0.00	14.14 0.94 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.25 1.68 0.00	30.77 1.73 0.00	32.76 1.66 0.00	39.77 2.09 0.00	39.30 2.01 0.00	43.24 2.39 0.00	36.19 1.95 0.00	41.30 2.27 0.00	33.61 2.00 0.00	31.67 2.10 0.00	31.08 1.99 0.00	33.42 2.00 0.00	41.47 2.32 0.00	64.07 3.22 0.00	63.04 2.92 0.00	63.18 2.58 0.00	49.49 1.86 0.00	43.50 1.67 0.00	35.59 1.64 0.00
KIAC_JFK____ 323774	30.27 2.07 0.00	27.15 1.83 0.00	14.14 0.94 0.00	17.35 1.08 0.00	21.96 1.37 0.00	28.25 1.68 0.00	30.77 1.73 0.00	32.75 1.66 0.00	39.78 2.10 0.00	39.30 2.01 0.00	43.24 2.39 0.00	36.19 1.95 0.00	41.30 2.27 0.00	33.61 2.00 0.00	31.67 2.10 0.00	31.08 1.99 0.00	33.43 2.00 0.00	41.47 2.33 0.00	64.07 3.22 0.00	63.04 2.92 0.00	63.18 2.58 0.00	49.50 1.86 0.00	43.51 1.68 0.00	35.59 1.64 0.00
KINTIGH__24_KV_GSU 356498	26.59 -1.61 0.00	24.05 -1.28 0.00	12.52 -0.68 0.00	15.41 -0.86 0.00	19.62 -0.97 0.00	25.28 -1.30 0.00	27.24 -1.80 0.00	28.85 -2.24 0.00	35.03 -2.65 0.00	34.79 -2.50 0.00	38.26 -2.58 0.00	32.24 -2.00 0.00	36.81 -2.22 0.00	29.40 -2.21 0.00	27.43 -2.14 0.00	27.06 -2.03 0.00	29.36 -2.06 0.00	36.55 -2.60 0.00	56.99 -3.86 0.00	56.67 -3.45 0.00	56.73 -3.87 0.00	44.50 -3.13 0.00	39.11 -2.72 0.00	31.73 -2.23 0.00
KINTIGH____ 23543	26.56 -1.64 0.00	24.02 -1.31 0.00	12.51 -0.69 0.00	15.40 -0.87 0.00	19.60 -0.99 0.00	25.25 -1.32 0.00	27.22 -1.82 0.00	28.83 -2.27 0.00	34.99 -2.69 0.00	34.76 -2.53 0.00	38.24 -2.61 0.00	32.21 -2.03 0.00	36.75 -2.28 0.00	29.37 -2.24 0.00	27.40 -2.17 0.00	27.03 -2.06 0.00	29.34 -2.08 0.00	36.54 -2.60 0.00	56.93 -3.92 0.00	56.61 -3.51 0.00	56.68 -3.92 0.00	44.46 -3.18 0.00	39.08 -2.75 0.00	31.69 -2.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.22 0.02 0.00	25.34 0.01 0.00	13.22 0.02 0.00	16.27 0.01 0.00	20.58 -0.01 0.00	26.66 0.09 0.00	29.54 0.50 0.00	31.87 0.78 0.00	38.66 0.98 0.00	38.14 0.85 0.00	41.80 0.95 0.00	35.10 0.86 0.00	40.02 0.99 0.00	32.38 0.77 0.00	30.32 0.74 0.00	29.81 0.72 0.00	32.28 0.86 0.00	40.20 1.05 0.00	62.53 1.67 0.00	62.10 1.98 0.00	62.94 2.34 0.00	49.50 1.87 0.00	43.35 1.52 0.00	35.01 1.06 0.00
LACHUTE____HYDRO 323717	30.05 1.85 0.00	26.86 1.54 0.00	14.08 0.87 0.00	17.35 1.08 0.00	21.88 1.29 0.00	28.34 1.76 0.00	31.42 2.39 0.00	33.79 2.70 0.00	40.57 2.89 0.00	39.58 2.29 0.00	42.61 1.76 0.00	35.41 1.17 0.00	40.44 1.41 0.00	33.15 1.54 0.00	31.19 1.61 0.00	30.88 1.79 0.00	33.44 2.01 0.00	41.44 2.29 0.00	64.41 3.56 0.00	64.07 3.95 0.00	65.58 4.98 0.00	51.95 4.32 0.00	45.40 3.57 0.00	36.08 2.13 0.00
LAWRNCALV_115KV_TB1 80681	27.28 -0.92 0.00	24.49 -0.84 0.00	12.79 -0.42 0.00	15.75 -0.52 0.00	19.96 -0.63 0.00	25.94 -0.63 0.00	28.85 -0.19 0.00	31.15 0.06 0.00	37.75 0.06 0.00	37.31 0.02 0.00	40.89 0.04 0.00	34.30 0.06 0.00	39.00 -0.04 0.00	31.43 -0.18 0.00	29.31 -0.27 0.00	28.80 -0.28 0.00	31.15 -0.28 0.00	38.54 -0.61 0.00	60.29 -0.56 0.00	59.98 -0.14 0.00	60.83 0.23 0.00	47.79 0.16 0.00	42.14 0.30 0.00	34.07 0.11 0.00
LEDERLE____ 23769	30.18 1.98 0.00	27.03 1.71 0.00	14.09 0.89 0.00	17.31 1.04 0.00	21.92 1.33 0.00	28.16 1.59 0.00	30.66 1.63 0.00	32.72 1.63 0.00	39.74 2.06 0.00	39.41 2.12 0.00	43.26 2.41 0.00	36.21 1.98 0.00	41.35 2.31 0.00	33.64 2.03 0.00	31.61 2.04 0.00	31.09 2.01 0.00	33.51 2.09 0.00	41.69 2.55 0.00	64.63 3.78 0.00	63.59 3.47 0.00	63.76 3.16 0.00	49.90 2.27 0.00	43.84 2.01 0.00	35.63 1.67 0.00
LIGHTHSE_115KV_TB6 355974	27.70 -0.50 0.00	24.87 -0.46 0.00	13.02 -0.18 0.00	16.06 -0.21 0.00	20.32 -0.27 0.00	26.24 -0.33 0.00	28.72 -0.31 0.00	30.68 -0.41 0.00	37.21 -0.47 0.00	36.87 -0.42 0.00	40.45 -0.40 0.00	33.78 -0.46 0.00	38.42 -0.61 0.00	31.01 -0.60 0.00	28.78 -0.80 0.00	28.26 -0.83 0.00	30.63 -0.80 0.00	38.26 -0.88 0.00	59.89 -0.96 0.00	59.46 -0.66 0.00	60.10 -0.51 0.00	47.18 -0.45 0.00	41.48 -0.36 0.00	33.59 -0.37 0.00
LINDEN COGEN____ 23786	30.33 2.13 0.00	27.15 1.83 0.00	14.16 0.95 0.00	17.34 1.07 0.00	21.96 1.37 0.00	28.22 1.65 0.00	30.74 1.70 0.00	32.13 1.64 0.61	39.01 2.11 0.78	38.44 2.19 1.03	42.84 2.56 0.58	36.31 2.08 0.00	41.22 2.40 0.21	30.41 2.14 3.33	28.78 2.18 2.97	28.26 2.13 2.96	30.75 2.17 2.85	41.37 2.57 0.34	64.55 3.70 0.00	63.50 3.38 0.00	63.63 3.03 0.00	49.79 2.16 0.00	43.78 1.94 0.00	35.65 1.70 0.00
LINDHRST_69_KV_BK1 356055	62.07 3.05 -30.83	56.25 2.67 -28.25	43.96 1.40 -29.35	27.80 1.66 -9.87	44.90 2.11 -22.20	52.82 2.66 -23.59	49.74 2.79 -17.91	33.89 2.80 0.00	41.14 3.45 0.00	41.93 3.47 -1.17	56.41 3.82 -11.74	53.86 3.13 -16.49	46.13 3.51 -3.59	48.59 2.97 -14.01	41.44 2.85 -9.02	31.58 2.50 0.00	34.01 2.59 0.00	50.08 3.40 -7.54	78.11 4.91 -12.35	79.30 4.61 -14.57	82.06 4.36 -17.09	67.10 3.24 -16.23	49.63 3.16 -4.64	38.40 2.96 -1.49
LIPA_MISC_IPP 23656	50.85 3.19 -19.45	43.88 2.77 -15.78	30.66 1.44 -16.02	21.17 1.71 -3.19	33.40 2.18 -10.63	46.87 2.76 -17.54	44.85 2.90 -12.91	34.01 2.92 0.00	41.22 3.54 0.00	41.33 3.67 -0.38	47.04 3.99 -2.20	46.59 3.39 -8.96	46.29 3.79 -3.47	46.92 3.19 -12.12	43.54 3.17 -10.80	31.86 2.77 0.00	34.26 2.84 0.00	121.29 3.75 -78.39	194.72 5.45 -128.42	216.80 5.12 -151.56	243.42 4.99 -177.84	220.10 3.68 -168.79	82.15 3.49 -36.83	47.38 3.26 -10.16
LISF____SOLAR 323691	51.02 3.25 -19.56	44.05 2.82 -15.90	30.82 1.47 -16.14	21.27 1.74 -3.26	33.55 2.23 -10.74	46.99 2.81 -17.60	44.97 2.97 -12.95	34.08 2.99 0.00	41.31 3.63 0.00	41.43 3.76 -0.38	47.22 4.08 -2.29	46.76 3.48 -9.05	46.38 3.87 -3.48	47.00 3.25 -12.14	43.66 3.22 -10.86	31.91 2.83 0.00	34.31 2.89 0.00	122.50 3.84 -79.52	196.72 5.61 -130.26	219.14 5.29 -153.74	246.16 5.18 -180.39	222.66 3.81 -171.22	82.77 3.60 -37.34	47.60 3.34 -10.30
LITTLE FALLS____HYD 24013	28.81 0.61 0.00	25.81 0.48 0.00	13.48 0.27 0.00	16.66 0.39 0.00	21.05 0.47 0.00	27.12 0.55 0.00	29.54 0.50 0.00	31.39 0.29 0.00	37.87 0.19 0.00	37.27 -0.02 0.00	40.40 -0.44 0.00	33.36 -0.87 0.00	38.06 -0.97 0.00	30.93 -0.67 0.00	29.29 -0.28 0.00	28.70 -0.39 0.00	30.70 -0.73 0.00	38.72 -0.43 0.00	60.85 0.00 0.00	60.28 0.16 0.00	61.16 0.56 0.00	48.02 0.38 0.00	42.14 0.31 0.00	33.98 0.03 0.00

LITTLRIV_115KV_TB1 356100	27.66 -0.54 0.00	24.83 -0.50 0.00	12.97 -0.23 0.00	15.96 -0.31 0.00	20.23 -0.36 0.00	26.34 -0.24 0.00	29.31 0.27 0.00	31.66 0.57 0.00	38.34 0.66 0.00	37.85 0.56 0.00	41.33 0.48 0.00	34.59 0.35 0.00	39.30 0.27 0.00	31.62 0.02 0.00	29.53 -0.04 0.00	28.96 -0.13 0.00	31.35 -0.08 0.00	38.84 -0.31 0.00	61.10 0.24 0.00	61.01 0.89 0.00	62.03 1.43 0.00	48.68 1.05 0.00	42.87 1.04 0.00	34.63 0.68 0.00
LI_NEWBRDGE___DRP 323616	45.99 2.55 -15.23	38.80 2.28 -11.19	25.50 1.19 -11.11	18.44 1.41 -0.77	28.76 1.78 -6.39	44.14 2.19 -15.38	42.42 2.26 -11.13	33.27 2.18 0.00	40.41 2.74 0.01	40.18 2.81 -0.08	42.69 3.16 1.32	42.16 2.56 -5.36	44.75 2.90 -2.82	45.23 2.49 -11.13	39.00 2.51 -6.91	31.31 2.23 0.00	33.69 2.27 0.00	42.03 2.88 0.00	65.04 4.18 0.00	63.97 3.85 0.00	64.18 3.58 0.00	50.25 2.62 0.00	45.27 2.49 -0.95	36.88 2.36 -0.56
LOCKPORT_115KV_TB60_63_64 80432	26.18 -2.03 0.00	23.71 -1.62 0.00	12.35 -0.86 0.00	15.18 -1.09 0.00	19.41 -1.18 0.00	24.98 -1.59 0.00	26.86 -2.18 0.00	28.34 -2.75 0.00	34.40 -3.28 0.00	34.21 -3.08 0.00	37.60 -3.24 0.00	31.80 -2.44 0.00	36.25 -2.78 0.00	28.88 -2.73 0.00	26.97 -2.60 0.00	26.66 -2.43 0.00	28.97 -2.46 0.00	36.06 -3.09 0.00	56.19 -4.67 0.00	56.03 -4.08 0.00	56.12 -4.48 0.00	44.09 -3.55 0.00	38.78 -3.06 0.00	31.38 -2.58 0.00
LOCKPORT___CC1 323769	26.19 -2.01 0.00	23.73 -1.60 0.00	12.36 -0.85 0.00	15.20 -1.07 0.00	19.41 -1.18 0.00	24.99 -1.58 0.00	26.87 -2.17 0.00	28.34 -2.75 0.00	34.41 -3.27 0.00	34.23 -3.07 0.00	37.61 -3.23 0.00	31.82 -2.41 0.00	36.31 -2.72 0.00	28.90 -2.71 0.00	26.98 -2.59 0.00	26.66 -2.43 0.00	28.98 -2.45 0.00	36.05 -3.09 0.00	56.21 -4.64 0.00	56.05 -4.07 0.00	56.10 -4.50 0.00	44.08 -3.56 0.00	38.75 -3.08 0.00	31.37 -2.59 0.00
LOCKPORT___CC2 323770	26.19 -2.01 0.00	23.73 -1.60 0.00	12.36 -0.85 0.00	15.20 -1.07 0.00	19.41 -1.18 0.00	24.99 -1.58 0.00	26.87 -2.17 0.00	28.34 -2.75 0.00	34.41 -3.27 0.00	34.23 -3.07 0.00	37.61 -3.23 0.00	31.82 -2.41 0.00	36.31 -2.72 0.00	28.90 -2.71 0.00	26.98 -2.59 0.00	26.66 -2.43 0.00	28.98 -2.45 0.00	36.05 -3.09 0.00	56.21 -4.64 0.00	56.05 -4.07 0.00	56.10 -4.50 0.00	44.08 -3.56 0.00	38.75 -3.08 0.00	31.37 -2.59 0.00
LOCKPORT___CC3 323771	26.19 -2.01 0.00	23.73 -1.60 0.00	12.36 -0.85 0.00	15.20 -1.07 0.00	19.41 -1.18 0.00	24.99 -1.58 0.00	26.87 -2.17 0.00	28.34 -2.75 0.00	34.41 -3.27 0.00	34.23 -3.07 0.00	37.61 -3.23 0.00	31.82 -2.41 0.00	36.31 -2.72 0.00	28.90 -2.71 0.00	26.98 -2.59 0.00	26.66 -2.43 0.00	28.98 -2.45 0.00	36.05 -3.09 0.00	56.21 -4.64 0.00	56.05 -4.07 0.00	56.10 -4.50 0.00	44.08 -3.56 0.00	38.75 -3.08 0.00	31.37 -2.59 0.00
LOCUSVLY_69_KV_BK2 55797	73.25 2.66 -42.39	67.27 2.36 -39.58	55.65 1.22 -41.22	32.15 1.45 -14.43	53.98 1.83 -31.56	55.51 2.27 -26.67	51.17 2.35 -19.79	33.40 2.31 0.00	40.58 2.89 -0.01	41.96 2.95 -1.72	61.76 3.31 -17.60	60.22 2.74 -23.24	46.84 3.11 -4.70	52.81 2.66 -18.54	43.75 2.66 -11.52	31.51 2.42 0.00	33.90 2.48 0.00	42.27 3.12 0.00	65.43 4.58 0.00	64.39 4.27 0.00	64.56 3.96 0.00	50.53 2.90 0.00	46.12 2.71 -1.58	36.98 2.46 -0.56
LONG_LAKE_PHOENIX 24014	27.66 -0.54 0.00	24.87 -0.46 0.00	12.96 -0.25 0.00	15.97 -0.30 0.00	20.22 -0.37 0.00	26.08 -0.49 0.00	28.39 -0.65 0.00	30.28 -0.81 0.00	36.72 -0.96 0.00	36.36 -0.94 0.00	39.82 -1.03 0.00	33.33 -0.90 0.00	37.94 -1.09 0.00	30.71 -0.90 0.00	28.59 -0.98 0.00	28.15 -0.94 0.00	30.47 -0.96 0.00	38.03 -1.11 0.00	59.27 -1.58 0.00	58.64 -1.48 0.00	59.05 -1.55 0.00	46.36 -1.27 0.00	40.65 -1.18 0.00	33.03 -0.92 0.00
LOVETT___3 23632	30.05 1.85 0.00	26.92 1.60 0.00	14.04 0.83 0.00	17.24 0.98 0.00	21.83 1.24 0.00	28.04 1.47 0.00	30.52 1.49 0.00	32.54 1.45 0.00	39.52 1.84 0.00	39.18 1.89 0.00	43.00 2.15 0.00	36.00 1.76 0.00	41.09 2.06 0.00	33.43 1.83 0.00	31.43 1.85 0.00	30.90 1.81 0.00	33.28 1.86 0.00	41.40 2.25 0.00	64.17 3.32 0.00	63.13 3.02 0.00	63.31 2.71 0.00	49.57 1.93 0.00	43.58 1.75 0.00	35.45 1.49 0.00
LOVETT___4 23642	30.05 1.85 0.00	26.92 1.60 0.00	14.04 0.83 0.00	17.24 0.98 0.00	21.83 1.24 0.00	28.04 1.47 0.00	30.52 1.49 0.00	32.54 1.45 0.00	39.52 1.84 0.00	39.18 1.89 0.00	43.00 2.15 0.00	36.00 1.76 0.00	41.09 2.06 0.00	33.43 1.83 0.00	31.43 1.85 0.00	30.90 1.81 0.00	33.28 1.86 0.00	41.40 2.25 0.00	64.17 3.32 0.00	63.13 3.02 0.00	63.31 2.71 0.00	49.57 1.93 0.00	43.58 1.75 0.00	35.45 1.49 0.00
LOVETT___5 23593	30.05 1.85 0.00	26.92 1.60 0.00	14.04 0.83 0.00	17.24 0.98 0.00	21.83 1.24 0.00	28.04 1.47 0.00	30.52 1.49 0.00	32.54 1.45 0.00	39.52 1.84 0.00	39.18 1.89 0.00	43.00 2.15 0.00	36.00 1.76 0.00	41.09 2.06 0.00	33.43 1.83 0.00	31.43 1.85 0.00	30.90 1.81 0.00	33.28 1.86 0.00	41.40 2.25 0.00	64.17 3.32 0.00	63.13 3.02 0.00	63.31 2.71 0.00	49.57 1.93 0.00	43.58 1.75 0.00	35.45 1.49 0.00
LOWER RAQUET___HYD 24057	27.11 -1.09 0.00	24.33 -1.00 0.00	12.71 -0.49 0.00	15.65 -0.61 0.00	19.86 -0.73 0.00	25.81 -0.76 0.00	28.70 -0.33 0.00	31.01 -0.08 0.00	37.58 -0.10 0.00	37.14 -0.15 0.00	40.68 -0.16 0.00	34.11 -0.13 0.00	38.76 -0.28 0.00	31.22 -0.39 0.00	29.11 -0.47 0.00	28.61 -0.48 0.00	30.93 -0.49 0.00	38.31 -0.84 0.00	59.98 -0.87 0.00	59.71 -0.41 0.00	60.61 0.01 0.00	47.60 -0.03 0.00	41.96 0.13 0.00	33.91 -0.04 0.00
LOWER___HUDSON 24059	29.33 1.13 0.00	26.30 0.98 0.00	13.73 0.53 0.00	16.92 0.65 0.00	21.38 0.79 0.00	27.54 0.96 0.00	30.03 1.00 0.00	32.02 0.93 0.00	38.72 1.04 0.00	38.19 0.89 0.00	41.54 0.69 0.00	34.71 0.48 0.00	39.53 0.50 0.00	32.16 0.55 0.00	30.21 0.64 0.00	29.76 0.67 0.00	32.07 0.64 0.00	39.97 0.82 0.00	62.25 1.40 0.00	61.32 1.20 0.00	62.05 1.45 0.00	48.92 1.29 0.00	42.95 1.12 0.00	34.74 0.78 0.00
LOWVILLE_115KV_TB2 356335	27.48 -0.73 0.00	24.67 -0.65 0.00	13.04 -0.17 0.00	16.12 -0.15 0.00	20.58 -0.01 0.00	26.77 0.19 0.00	29.48 0.44 0.00	31.60 0.51 0.00	38.33 0.65 0.00	37.93 0.64 0.00	41.51 0.66 0.00	34.65 0.41 0.00	39.36 0.33 0.00	31.71 0.11 0.00	29.33 -0.24 0.00	28.73 -0.36 0.00	31.23 -0.20 0.00	39.14 -0.01 0.00	61.63 0.78 0.00	61.34 1.22 0.00	62.16 1.56 0.00	48.79 1.16 0.00	42.77 0.94 0.00	34.52 0.56 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.65 1.45 0.00	26.58 1.25 0.00	13.87 0.66 0.00	17.08 0.82 0.00	21.60 1.01 0.00	27.87 1.30 0.00	30.58 1.55 0.00	32.75 1.65 0.00	39.53 1.85 0.00	38.93 1.64 0.00	42.41 1.57 0.00	35.32 1.08 0.00	40.25 1.22 0.00	32.75 1.14 0.00	30.75 1.18 0.00	30.29 1.20 0.00	32.75 1.33 0.00	40.62 1.47 0.00	63.40 2.55 0.00	62.55 2.43 0.00	63.23 2.63 0.00	49.73 2.10 0.00	43.63 1.80 0.00	35.24 1.29 0.00

LUTHERNY_35_KV_BK2 355980	29.66 1.46 0.00	26.57 1.24 0.00	13.86 0.66 0.00	17.07 0.80 0.00	21.59 1.00 0.00	27.88 1.31 0.00	30.57 1.54 0.00	32.76 1.67 0.00	39.53 1.85 0.00	38.94 1.65 0.00	42.44 1.60 0.00	35.32 1.09 0.00	40.26 1.23 0.00	32.74 1.14 0.00	30.75 1.18 0.00	30.29 1.20 0.00	32.76 1.34 0.00	40.66 1.51 0.00	63.50 2.65 0.00	62.62 2.50 0.00	63.29 2.69 0.00	49.73 2.09 0.00	43.62 1.79 0.00	35.24 1.29 0.00
LWR___OSWEGATCHIE_HYD 23850	27.03 -1.18 0.00	24.26 -1.07 0.00	12.74 -0.46 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.99 -0.58 0.00	28.79 -0.25 0.00	30.99 -0.10 0.00	37.57 -0.11 0.00	37.17 -0.12 0.00	40.72 -0.13 0.00	34.04 -0.19 0.00	38.67 -0.37 0.00	31.14 -0.47 0.00	28.89 -0.69 0.00	28.35 -0.74 0.00	30.74 -0.69 0.00	38.31 -0.84 0.00	60.19 -0.66 0.00	59.93 -0.19 0.00	60.84 0.24 0.00	47.76 0.13 0.00	41.98 0.15 0.00	33.90 -0.06 0.00
LYONS_FALL_HYD 23570	27.94 -0.27 0.00	25.09 -0.24 0.00	13.18 -0.02 0.00	16.29 0.02 0.00	20.72 0.14 0.00	26.88 0.31 0.00	29.52 0.49 0.00	31.61 0.52 0.00	38.34 0.66 0.00	37.95 0.66 0.00	41.52 0.68 0.00	34.68 0.45 0.00	39.43 0.40 0.00	31.83 0.22 0.00	29.56 -0.01 0.00	28.99 -0.10 0.00	31.47 0.05 0.00	39.41 0.27 0.00	61.79 0.94 0.00	61.36 1.24 0.00	62.06 1.46 0.00	48.71 1.08 0.00	42.71 0.88 0.00	34.50 0.55 0.00
MADISON___COUNTY_LFGE 323628	28.74 0.54 0.00	25.80 0.48 0.00	13.47 0.26 0.00	16.61 0.34 0.00	21.02 0.43 0.00	27.20 0.63 0.00	29.75 0.71 0.00	31.81 0.71 0.00	38.59 0.91 0.00	38.19 0.90 0.00	41.77 0.92 0.00	34.88 0.64 0.00	39.67 0.64 0.00	32.06 0.46 0.00	29.91 0.34 0.00	29.38 0.29 0.00	31.91 0.49 0.00	39.94 0.80 0.00	62.29 1.44 0.00	61.73 1.61 0.00	62.27 1.67 0.00	48.88 1.25 0.00	42.82 0.99 0.00	34.64 0.68 0.00
MALONE___115KV_TB1 356076	27.85 -0.36 0.00	24.99 -0.34 0.00	13.04 -0.17 0.00	16.04 -0.23 0.00	20.32 -0.27 0.00	26.36 -0.21 0.00	29.20 0.17 0.00	31.56 0.46 0.00	38.26 0.58 0.00	37.81 0.52 0.00	41.47 0.62 0.00	34.80 0.57 0.00	39.62 0.59 0.00	31.98 0.37 0.00	29.82 0.25 0.00	29.31 0.22 0.00	31.76 0.33 0.00	39.51 0.36 0.00	61.63 0.78 0.00	61.27 1.15 0.00	62.12 1.52 0.00	48.82 1.19 0.00	42.81 0.97 0.00	34.58 0.62 0.00
MAPLEWOD_115KV_TB3 80458	29.29 1.09 0.00	26.28 0.96 0.00	13.71 0.50 0.00	16.89 0.62 0.00	21.35 0.76 0.00	27.49 0.91 0.00	29.94 0.91 0.00	31.82 0.72 0.00	38.53 0.85 0.00	38.03 0.74 0.00	41.40 0.56 0.00	34.70 0.47 0.00	39.51 0.48 0.00	32.11 0.50 0.00	30.17 0.59 0.00	29.71 0.63 0.00	31.98 0.56 0.00	39.91 0.76 0.00	62.05 1.20 0.00	61.11 0.99 0.00	61.71 1.11 0.00	48.60 0.97 0.00	42.67 0.84 0.00	34.57 0.62 0.00
MAPLE_RIDGE_WT_1 323574	27.69 -0.51 0.00	24.97 -0.36 0.00	13.05 -0.15 0.00	16.11 -0.16 0.00	20.42 -0.17 0.00	26.38 -0.19 0.00	28.96 -0.08 0.00	31.05 -0.04 0.00	37.64 -0.04 0.00	37.26 -0.03 0.00	40.85 0.00 0.00	34.26 0.02 0.00	39.04 0.01 0.00	31.60 -0.01 0.00	29.54 -0.04 0.00	29.01 -0.07 0.00	31.35 -0.07 0.00	39.02 -0.13 0.00	60.84 -0.02 0.00	60.17 0.05 0.00	60.72 0.12 0.00	47.72 0.09 0.00	41.90 0.07 0.00	33.97 0.02 0.00
MAPLE_RIDGE_WT_2 323611	27.69 -0.51 0.00	24.97 -0.36 0.00	13.05 -0.15 0.00	16.11 -0.16 0.00	20.42 -0.17 0.00	26.38 -0.19 0.00	28.96 -0.08 0.00	31.05 -0.04 0.00	37.64 -0.04 0.00	37.26 -0.03 0.00	40.85 0.00 0.00	34.26 0.02 0.00	39.04 0.01 0.00	31.60 -0.01 0.00	29.54 -0.04 0.00	29.01 -0.07 0.00	31.35 -0.07 0.00	39.02 -0.13 0.00	60.84 -0.02 0.00	60.17 0.05 0.00	60.72 0.12 0.00	47.72 0.09 0.00	41.90 0.07 0.00	33.97 0.02 0.00
MARBLE_RIVER_WT_PWR 323696	27.99 -0.21 0.00	25.14 -0.19 0.00	13.11 -0.09 0.00	16.13 -0.14 0.00	20.41 -0.18 0.00	26.45 -0.12 0.00	29.23 0.19 0.00	31.54 0.44 0.00	38.23 0.55 0.00	37.80 0.51 0.00	41.46 0.61 0.00	34.82 0.59 0.00	39.71 0.68 0.00	32.10 0.49 0.00	30.02 0.45 0.00	29.51 0.42 0.00	31.93 0.50 0.00	39.73 0.59 0.00	61.82 0.97 0.00	61.26 1.15 0.00	62.02 1.41 0.00	48.77 1.14 0.00	42.78 0.94 0.00	34.60 0.64 0.00
MARSHVLE_115KV_TB1 80742	28.98 0.77 0.00	26.08 0.76 0.00	13.61 0.41 0.00	16.78 0.51 0.00	21.30 0.71 0.00	27.56 0.99 0.00	30.20 1.17 0.00	32.36 1.26 0.00	39.20 1.52 0.00	38.73 1.44 0.00	42.50 1.65 0.00	35.22 0.98 0.00	39.96 0.93 0.00	32.37 0.76 0.00	30.39 0.82 0.00	29.76 0.67 0.00	32.08 0.66 0.00	40.14 1.00 0.00	63.00 2.15 0.00	63.05 2.93 0.00	63.77 3.17 0.00	50.07 2.44 0.00	43.85 2.02 0.00	35.49 1.54 0.00
MARSH_HILL_WT_PWR 323713	27.79 -0.41 0.00	25.03 -0.29 0.00	13.00 -0.20 0.00	16.11 -0.16 0.00	20.49 -0.10 0.00	26.41 -0.16 0.00	28.64 -0.39 0.00	30.31 -0.79 0.00	36.53 -1.15 0.00	36.38 -0.91 0.00	39.96 -0.89 0.00	33.36 -0.88 0.00	38.15 -0.88 0.00	30.48 -1.13 0.00	28.58 -0.99 0.00	28.36 -0.73 0.00	30.90 -0.52 0.00	38.51 -0.64 0.00	59.79 -1.06 0.00	59.63 -0.49 0.00	59.70 -0.90 0.00	46.62 -1.02 0.00	40.93 -0.90 0.00	32.66 -1.30 0.00
MCINTYRE_115KV_TB2 80467	28.00 -0.20 0.00	25.14 -0.19 0.00	13.12 -0.09 0.00	16.14 -0.13 0.00	20.44 -0.15 0.00	26.64 0.06 0.00	29.63 0.60 0.00	32.02 0.93 0.00	38.76 1.07 0.00	38.23 0.94 0.00	41.73 0.88 0.00	34.88 0.64 0.00	39.68 0.65 0.00	31.94 0.33 0.00	29.83 0.26 0.00	29.24 0.15 0.00	31.65 0.23 0.00	39.19 0.04 0.00	61.70 0.85 0.00	61.69 1.58 0.00	62.76 2.16 0.00	49.28 1.64 0.00	43.37 1.54 0.00	35.04 1.09 0.00
MECO_____69_KV_BK1 80468	29.55 1.35 0.00	26.56 1.23 0.00	13.85 0.65 0.00	17.07 0.80 0.00	21.62 1.04 0.00	27.98 1.41 0.00	30.65 1.62 0.00	32.76 1.67 0.00	39.66 1.98 0.00	39.08 1.79 0.00	42.62 1.77 0.00	34.87 0.63 0.00	39.65 0.61 0.00	32.08 0.47 0.00	30.21 0.64 0.00	29.58 0.49 0.00	31.77 0.34 0.00	40.11 0.96 0.00	63.28 2.43 0.00	63.43 3.31 0.00	64.39 3.79 0.00	50.61 2.97 0.00	44.30 2.47 0.00	35.82 1.86 0.00
MENANDS___115KV_TB5 355628	29.18 0.98 0.00	26.19 0.86 0.00	13.67 0.46 0.00	16.84 0.57 0.00	21.29 0.70 0.00	27.38 0.81 0.00	29.81 0.78 0.00	31.65 0.56 0.00	38.31 0.63 0.00	37.83 0.54 0.00	41.18 0.34 0.00	34.55 0.32 0.00	39.34 0.31 0.00	31.99 0.38 0.00	30.06 0.48 0.00	29.59 0.51 0.00	31.82 0.40 0.00	39.65 0.51 0.00	61.60 0.75 0.00	60.63 0.52 0.00	61.24 0.64 0.00	48.24 0.61 0.00	42.39 0.55 0.00	34.36 0.41 0.00
MG INDUSTRY___DRP 24185	29.11 0.90 0.00	26.14 0.81 0.00	13.64 0.44 0.00	16.82 0.55 0.00	21.27 0.68 0.00	27.37 0.80 0.00	29.79 0.75 0.00	31.64 0.54 0.00	38.28 0.59 0.00	37.71 0.42 0.00	41.11 0.27 0.00	34.43 0.19 0.00	39.18 0.15 0.00	31.75 0.14 0.00	29.77 0.20 0.00	29.27 0.19 0.00	31.60 0.18 0.00	39.36 0.21 0.00	61.34 0.49 0.00	60.61 0.50 0.00	61.21 0.61 0.00	48.23 0.60 0.00	42.39 0.56 0.00	34.39 0.44 0.00

MID___OSWEGATCHIE_HYD 23849	27.03 -1.18 0.00	24.26 -1.07 0.00	12.74 -0.46 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.99 -0.58 0.00	28.79 -0.25 0.00	30.99 -0.10 0.00	37.57 -0.11 0.00	37.17 -0.12 0.00	40.72 -0.13 0.00	34.04 -0.19 0.00	38.67 -0.37 0.00	31.14 -0.47 0.00	28.89 -0.69 0.00	28.35 -0.74 0.00	30.74 -0.69 0.00	38.31 -0.84 0.00	60.19 -0.66 0.00	59.93 -0.19 0.00	60.84 0.24 0.00	47.76 0.13 0.00	41.98 0.15 0.00	33.90 -0.06 0.00
MID___RAQUETTE_HYD 23851	27.11 -1.09 0.00	24.33 -1.00 0.00	12.71 -0.49 0.00	15.65 -0.61 0.00	19.86 -0.73 0.00	25.81 -0.76 0.00	28.70 -0.33 0.00	31.01 -0.08 0.00	37.58 -0.10 0.00	37.14 -0.15 0.00	40.68 -0.17 0.00	34.11 -0.13 0.00	38.76 -0.27 0.00	31.22 -0.39 0.00	29.11 -0.47 0.00	28.61 -0.48 0.00	30.93 -0.49 0.00	38.31 -0.84 0.00	59.98 -0.87 0.00	59.71 -0.41 0.00	60.61 0.01 0.00	47.60 -0.03 0.00	41.96 0.13 0.00	33.91 -0.04 0.00
MILLIKEN___1 23584	28.60 0.39 0.00	25.68 0.35 0.00	13.38 0.17 0.00	16.51 0.24 0.00	20.91 0.33 0.00	26.99 0.41 0.00	29.47 0.44 0.00	31.54 0.44 0.00	38.24 0.55 0.00	37.81 0.52 0.00	41.31 0.46 0.00	34.20 -0.03 0.00	39.02 -0.01 0.00	31.53 -0.08 0.00	29.43 -0.14 0.00	29.06 -0.03 0.00	31.55 0.13 0.00	39.52 0.37 0.00	61.49 0.64 0.00	60.98 0.86 0.00	61.47 0.87 0.00	48.19 0.55 0.00	42.22 0.39 0.00	34.16 0.21 0.00
MILLIKEN___2 23585	28.60 0.39 0.00	25.68 0.35 0.00	13.38 0.17 0.00	16.51 0.24 0.00	20.91 0.33 0.00	26.99 0.41 0.00	29.47 0.44 0.00	31.54 0.44 0.00	38.24 0.55 0.00	37.81 0.52 0.00	41.31 0.46 0.00	34.20 -0.03 0.00	39.02 -0.01 0.00	31.53 -0.08 0.00	29.43 -0.14 0.00	29.06 -0.03 0.00	31.55 0.13 0.00	39.52 0.37 0.00	61.49 0.64 0.00	60.98 0.86 0.00	61.47 0.87 0.00	48.19 0.55 0.00	42.22 0.39 0.00	34.16 0.21 0.00
MILLIKEN___DIESEL 23629	28.60 0.39 0.00	25.68 0.35 0.00	13.38 0.17 0.00	16.51 0.24 0.00	20.91 0.33 0.00	26.99 0.41 0.00	29.47 0.44 0.00	31.54 0.44 0.00	38.24 0.55 0.00	37.81 0.52 0.00	41.31 0.46 0.00	34.20 -0.03 0.00	39.02 -0.01 0.00	31.53 -0.08 0.00	29.43 -0.14 0.00	29.06 -0.03 0.00	31.55 0.13 0.00	39.52 0.37 0.00	61.49 0.64 0.00	60.98 0.86 0.00	61.47 0.87 0.00	48.19 0.55 0.00	42.22 0.39 0.00	34.16 0.21 0.00
MILLSEAT___LFGE 323607	26.86 -1.35 0.00	24.28 -1.05 0.00	12.65 -0.56 0.00	15.55 -0.72 0.00	19.85 -0.74 0.00	25.60 -0.97 0.00	27.62 -1.42 0.00	29.18 -1.91 0.00	35.27 -2.42 0.00	34.97 -2.32 0.00	38.43 -2.41 0.00	32.49 -1.75 0.00	37.07 -1.96 0.00	29.53 -2.08 0.00	27.60 -1.98 0.00	27.39 -1.70 0.00	29.72 -1.71 0.00	36.93 -2.22 0.00	57.76 -3.09 0.00	57.71 -2.41 0.00	57.93 -2.67 0.00	45.50 -2.13 0.00	39.91 -1.92 0.00	32.25 -1.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.14 1.93 0.00	27.00 1.68 0.00	14.08 0.87 0.00	17.29 1.02 0.00	21.89 1.30 0.00	28.12 1.55 0.00	30.63 1.59 0.00	32.64 1.55 0.00	39.63 1.95 0.00	39.29 2.00 0.00	43.10 2.25 0.00	36.10 1.86 0.00	41.20 2.17 0.00	33.52 1.91 0.00	31.51 1.93 0.00	30.98 1.89 0.00	33.36 1.94 0.00	41.50 2.35 0.00	64.29 3.44 0.00	63.26 3.14 0.00	63.46 2.85 0.00	49.69 2.06 0.00	43.67 1.84 0.00	35.54 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	30.16 1.96 0.00	27.03 1.71 0.00	14.09 0.89 0.00	17.31 1.04 0.00	21.91 1.33 0.00	28.16 1.59 0.00	30.66 1.63 0.00	32.69 1.59 0.00	39.70 2.02 0.00	39.34 2.05 0.00	43.18 2.33 0.00	36.16 1.92 0.00	41.26 2.23 0.00	33.56 1.96 0.00	31.55 1.97 0.00	31.03 1.94 0.00	33.42 2.00 0.00	41.58 2.43 0.00	64.41 3.56 0.00	63.38 3.26 0.00	63.57 2.97 0.00	49.77 2.14 0.00	43.75 1.92 0.00	35.58 1.63 0.00
MODEL_CITY_ENERGY 24167	25.86 -2.34 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.20 -1.39 0.00	24.71 -1.86 0.00	26.56 -2.48 0.00	27.99 -3.11 0.00	33.98 -3.70 0.00	33.83 -3.46 0.00	37.15 -3.69 0.00	31.46 -2.77 0.00	35.87 -3.16 0.00	28.54 -3.07 0.00	26.66 -2.92 0.00	26.34 -2.74 0.00	28.63 -2.80 0.00	35.62 -3.52 0.00	55.51 -5.34 0.00	55.35 -4.77 0.00	55.39 -5.21 0.00	43.55 -4.08 0.00	38.34 -3.50 0.00	31.04 -2.92 0.00
MODERN_LFGE___ 323580	25.86 -2.34 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.20 -1.39 0.00	24.71 -1.86 0.00	26.56 -2.48 0.00	27.99 -3.11 0.00	33.98 -3.70 0.00	33.83 -3.46 0.00	37.15 -3.69 0.00	31.46 -2.77 0.00	35.87 -3.16 0.00	28.54 -3.07 0.00	26.66 -2.92 0.00	26.34 -2.74 0.00	28.63 -2.80 0.00	35.62 -3.52 0.00	55.51 -5.34 0.00	55.35 -4.77 0.00	55.39 -5.21 0.00	43.55 -4.08 0.00	38.34 -3.50 0.00	31.04 -2.92 0.00
MOHAWK_PAPER___DRP 24187	29.29 1.09 0.00	26.28 0.96 0.00	13.71 0.50 0.00	16.89 0.62 0.00	21.35 0.76 0.00	27.49 0.91 0.00	29.94 0.91 0.00	31.82 0.72 0.00	38.53 0.85 0.00	38.03 0.74 0.00	41.40 0.56 0.00	34.70 0.47 0.00	39.51 0.48 0.00	32.11 0.50 0.00	30.17 0.59 0.00	29.71 0.63 0.00	31.98 0.56 0.00	39.91 0.76 0.00	62.05 1.20 0.00	61.11 0.99 0.00	61.71 1.11 0.00	48.60 0.97 0.00	42.67 0.84 0.00	34.57 0.62 0.00
MOHICAN___35_KV_115KV_LD 80490	29.82 1.61 0.00	26.68 1.35 0.00	13.93 0.72 0.00	17.17 0.90 0.00	21.68 1.09 0.00	28.03 1.46 0.00	30.88 1.84 0.00	33.14 2.05 0.00	39.87 2.19 0.00	39.16 1.87 0.00	42.55 1.70 0.00	35.31 1.08 0.00	40.27 1.24 0.00	32.87 1.26 0.00	30.83 1.25 0.00	30.42 1.33 0.00	33.00 1.58 0.00	40.96 1.82 0.00	63.99 3.14 0.00	63.31 3.19 0.00	64.19 3.59 0.00	50.58 2.95 0.00	44.28 2.45 0.00	35.56 1.61 0.00
MONGAUP___HYD 23641	30.02 1.81 0.00	26.90 1.57 0.00	14.02 0.81 0.00	17.23 0.96 0.00	21.81 1.22 0.00	28.04 1.47 0.00	30.35 1.32 0.00	32.04 0.95 0.00	38.85 1.17 0.00	38.43 1.14 0.00	42.03 1.19 0.00	35.44 1.20 0.00	40.18 1.15 0.00	32.66 1.05 0.00	30.70 1.13 0.00	30.04 0.95 0.00	32.35 0.93 0.00	40.48 1.34 0.00	62.83 1.98 0.00	62.30 2.18 0.00	62.61 2.01 0.00	49.12 1.48 0.00	43.70 1.87 0.00	35.56 1.61 0.00
MONTAUK___DIESEL 23721	50.94 3.24 -19.50	43.40 2.24 -15.83	30.44 1.16 -16.07	20.85 1.36 -3.22	33.04 1.78 -10.67	46.49 2.35 -17.57	44.48 2.52 -12.92	33.92 2.83 0.00	41.02 3.34 0.00	41.60 3.93 -0.38	47.54 4.45 -2.24	47.17 3.93 -9.00	47.05 4.55 -3.47	47.86 4.12 -12.13	44.56 4.16 -10.83	32.86 3.77 0.00	35.46 4.04 0.00	123.59 5.45 -79.00	197.73 7.47 -129.40	219.71 6.87 -152.73	247.41 7.61 -179.20	223.33 5.61 -170.09	84.11 5.17 -37.10	48.72 4.53 -10.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.91 -1.30 0.00	24.39 -0.93 0.00	12.76 -0.44 0.00	15.82 -0.45 0.00	20.12 -0.46 0.00	25.88 -0.69 0.00	28.09 -0.95 0.00	29.95 -1.15 0.00	36.48 -1.20 0.00	36.50 -0.80 0.00	40.23 -0.62 0.00	33.85 -0.39 0.00	38.67 -0.36 0.00	30.94 -0.67 0.00	28.88 -0.69 0.00	28.61 -0.47 0.00	31.01 -0.42 0.00	38.78 -0.36 0.00	60.32 -0.53 0.00	59.82 -0.29 0.00	59.28 -1.32 0.00	45.77 -1.86 0.00	40.08 -1.75 0.00	32.10 -1.86 0.00

MORRIS_RIDGE___SOLAR 323848	27.35 -0.85 0.00	24.69 -0.64 0.00	12.84 -0.36 0.00	15.87 -0.40 0.00	20.17 -0.42 0.00	25.97 -0.61 0.00	28.05 -0.99 0.00	29.59 -1.50 0.00	35.64 -2.05 0.00	35.55 -1.74 0.00	39.06 -1.79 0.00	32.60 -1.64 0.00	37.39 -1.64 0.00	29.91 -1.69 0.00	28.11 -1.46 0.00	27.89 -1.20 0.00	30.31 -1.11 0.00	37.75 -1.40 0.00	58.52 -2.34 0.00	58.49 -1.63 0.00	58.64 -1.96 0.00	45.85 -1.78 0.00	40.27 -1.56 0.00	32.37 -1.58 0.00
MORTIMER_115KV_TB3 55949	27.22 -0.98 0.00	24.55 -0.78 0.00	12.78 -0.43 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.80 -0.77 0.00	27.94 -1.10 0.00	29.71 -1.39 0.00	36.01 -1.67 0.00	35.71 -1.58 0.00	39.27 -1.58 0.00	32.98 -1.26 0.00	37.63 -1.40 0.00	30.23 -1.38 0.00	28.19 -1.38 0.00	27.83 -1.26 0.00	30.17 -1.25 0.00	37.57 -1.58 0.00	58.60 -2.26 0.00	58.23 -1.89 0.00	58.44 -2.16 0.00	45.84 -1.80 0.00	40.19 -1.64 0.00	32.59 -1.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.38 2.18 0.00	27.22 1.90 0.00	14.19 0.98 0.00	17.42 1.15 0.00	22.04 1.46 0.00	28.35 1.77 0.00	30.87 1.83 0.00	32.88 1.79 0.00	39.95 2.27 0.00	39.60 2.31 0.00	43.48 2.63 0.00	36.40 2.17 0.00	41.54 2.50 0.00	33.81 2.20 0.00	31.83 2.25 0.00	31.28 2.19 0.00	33.67 2.24 0.00	41.83 2.69 0.00	64.73 3.87 0.00	63.69 3.57 0.00	63.85 3.25 0.00	49.98 2.35 0.00	43.95 2.11 0.00	35.80 1.84 0.00
MUNSVILLE_WIND_PWR 323609	29.71 1.50 0.00	26.78 1.45 0.00	13.94 0.74 0.00	17.26 0.99 0.00	21.89 1.30 0.00	28.44 1.87 0.00	31.08 2.05 0.00	33.16 2.07 0.00	40.20 2.52 0.00	39.77 2.48 0.00	43.37 2.53 0.00	35.80 1.56 0.00	40.81 1.78 0.00	32.95 1.34 0.00	30.84 1.27 0.00	30.55 1.46 0.00	33.29 1.87 0.00	41.97 2.82 0.00	65.30 4.44 0.00	65.05 4.93 0.00	65.67 5.07 0.00	51.30 3.67 0.00	44.85 3.02 0.00	35.93 1.98 0.00
N SALMON___HYD 24042	27.85 -0.35 0.00	24.99 -0.34 0.00	13.04 -0.17 0.00	16.04 -0.23 0.00	20.32 -0.27 0.00	26.36 -0.21 0.00	29.20 0.17 0.00	31.56 0.46 0.00	38.26 0.58 0.00	37.81 0.52 0.00	41.47 0.62 0.00	34.80 0.57 0.00	39.62 0.59 0.00	31.98 0.37 0.00	29.82 0.25 0.00	29.31 0.22 0.00	31.76 0.33 0.00	39.51 0.36 0.00	61.63 0.78 0.00	61.27 1.15 0.00	62.12 1.52 0.00	48.82 1.19 0.00	42.81 0.97 0.00	34.57 0.62 0.00
N.AKRON___115KV_KNAPP 355671	26.77 -1.43 0.00	24.22 -1.11 0.00	12.61 -0.60 0.00	15.51 -0.76 0.00	19.81 -0.78 0.00	25.53 -1.05 0.00	27.52 -1.51 0.00	29.10 -2.00 0.00	35.21 -2.47 0.00	34.94 -2.35 0.00	38.40 -2.45 0.00	32.43 -1.81 0.00	36.98 -2.05 0.00	29.49 -2.12 0.00	27.54 -2.04 0.00	27.30 -1.79 0.00	29.64 -1.78 0.00	36.86 -2.29 0.00	57.58 -3.28 0.00	57.51 -2.61 0.00	57.71 -2.90 0.00	45.31 -2.32 0.00	39.78 -2.06 0.00	32.15 -1.81 0.00
N.E_GEN_SANDY PD 24062	29.87 1.25 -0.41	26.41 1.09 0.00	17.67 0.59 -3.88	21.54 0.73 -4.55	25.48 0.90 -3.99	28.69 1.08 -1.04	30.86 1.06 -0.76	33.27 0.95 -1.23	39.37 1.09 -0.60	38.22 0.93 0.00	41.47 0.62 0.00	35.12 0.45 -0.42	39.45 0.41 0.00	32.14 0.52 0.00	30.23 0.66 0.00	29.76 0.67 0.00	32.01 0.59 0.00	39.84 0.69 0.00	61.83 0.98 0.00	60.62 0.68 0.18	60.07 1.09 1.61	48.74 1.11 0.00	44.17 1.04 -1.30	34.66 0.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.10 1.90 0.00	26.96 1.64 0.00	14.06 0.85 0.00	17.27 1.00 0.00	21.86 1.27 0.00	28.09 1.51 0.00	30.58 1.54 0.00	32.61 1.51 0.00	39.60 1.91 0.00	39.27 1.97 0.00	43.10 2.25 0.00	36.08 1.84 0.00	41.19 2.16 0.00	33.51 1.90 0.00	31.50 1.92 0.00	30.98 1.89 0.00	33.38 1.96 0.00	41.53 2.38 0.00	64.36 3.51 0.00	63.33 3.22 0.00	63.51 2.90 0.00	49.71 2.08 0.00	43.68 1.85 0.00	35.52 1.56 0.00
N.QUEENS_27_KV_LOAD 356247	30.43 2.23 0.00	27.20 1.88 0.00	14.18 0.97 0.00	17.40 1.14 0.00	22.04 1.45 0.00	28.39 1.82 0.00	30.85 1.82 0.00	32.86 1.77 0.00	39.93 2.25 0.00	39.54 2.25 0.00	43.42 2.57 0.00	36.35 2.12 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.87 2.29 0.00	31.27 2.18 0.00	33.61 2.19 0.00	41.72 2.58 0.00	64.40 3.55 0.01	63.45 3.34 0.01	63.62 3.02 0.01	49.90 2.27 0.00	43.91 2.07 0.00	35.76 1.81 0.00
N.TROY___115KV_TB1 355778	29.33 1.13 0.00	26.30 0.98 0.00	13.73 0.53 0.00	16.92 0.65 0.00	21.38 0.79 0.00	27.54 0.96 0.00	30.04 1.00 0.00	32.02 0.93 0.00	38.71 1.03 0.00	38.19 0.89 0.00	41.54 0.69 0.00	34.71 0.48 0.00	39.53 0.50 0.00	32.16 0.55 0.00	30.21 0.64 0.00	29.76 0.67 0.00	32.07 0.64 0.00	39.97 0.82 0.00	62.25 1.40 0.00	61.32 1.20 0.00	62.05 1.45 0.00	48.92 1.29 0.00	42.95 1.12 0.00	34.73 0.78 0.00
NARROWS_GT1_1 24228	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT1_2 24229	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT1_3 24230	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT1_4 24231	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT1_5 24232	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00

NARROWS_GT1_6 24233	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT1_7 24234	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT1_8 24235	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_1 24236	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_2 24237	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_3 24238	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_4 24239	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_5 24240	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_6 24241	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_7 24242	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NARROWS_GT2_8 24243	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.16 -216.15	43.65 2.53 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.92 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.07 3.47 0.00	50.19 2.56 0.00	44.18 2.34 0.00	35.97 2.01 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.75 1.55 0.00	26.70 1.37 0.00	13.92 0.71 0.00	17.16 0.90 0.00	21.69 1.10 0.00	27.97 1.40 0.00	30.52 1.48 0.00	32.47 1.38 0.00	39.26 1.58 0.00	38.65 1.36 0.00	41.98 1.13 0.00	35.07 0.83 0.00	39.85 0.82 0.00	32.33 0.72 0.00	30.25 0.68 0.00	29.73 0.64 0.00	31.84 0.41 0.00	40.06 0.92 0.00	62.87 2.02 0.00	62.39 2.27 0.00	63.13 2.53 0.00	49.70 2.07 0.00	43.57 1.74 0.00	35.24 1.28 0.00
NCHELSEA_115KV_TR2 355582	30.22 2.02 0.00	27.09 1.77 0.00	14.13 0.92 0.00	17.36 1.09 0.00	21.97 1.38 0.00	28.24 1.67 0.00	30.76 1.73 0.00	32.81 1.72 0.00	39.84 2.16 0.00	39.47 2.18 0.00	43.30 2.45 0.00	36.23 1.99 0.00	41.35 2.32 0.00	33.62 2.01 0.00	31.57 2.00 0.00	31.05 1.97 0.00	33.51 2.09 0.00	41.74 2.59 0.00	64.73 3.88 0.00	63.76 3.64 0.00	63.96 3.36 0.00	50.10 2.46 0.00	43.98 2.15 0.00	35.73 1.77 0.00
NEG CAPITAL____MECHNVIL 23645	29.69 1.49 0.00	26.62 1.29 0.00	13.89 0.69 0.00	17.11 0.84 0.00	21.62 1.03 0.00	27.90 1.33 0.00	30.58 1.55 0.00	32.72 1.63 0.00	39.52 1.84 0.00	38.94 1.64 0.00	42.41 1.56 0.00	35.32 1.09 0.00	40.28 1.25 0.00	32.77 1.16 0.00	30.77 1.19 0.00	30.31 1.22 0.00	32.76 1.34 0.00	40.72 1.57 0.00	63.51 2.66 0.00	62.62 2.50 0.00	63.31 2.71 0.00	49.81 2.17 0.00	43.69 1.86 0.00	35.28 1.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.93 -1.28 0.00	24.26 -1.07 0.00	12.63 -0.57 0.00	15.55 -0.72 0.00	19.74 -0.85 0.00	25.49 -1.08 0.00	27.67 -1.36 0.00	29.50 -1.59 0.00	35.76 -1.92 0.00	35.45 -1.84 0.00	38.91 -1.94 0.00	32.59 -1.65 0.00	37.22 -1.81 0.00	29.92 -1.68 0.00	27.90 -1.67 0.00	27.52 -1.56 0.00	29.87 -1.55 0.00	37.21 -1.93 0.00	58.02 -2.83 0.00	57.61 -2.51 0.00	57.83 -2.77 0.00	45.35 -2.29 0.00	39.73 -2.10 0.00	32.27 -1.68 0.00

NEG CENTRAL___DRP 24199	27.96 -0.24 0.00	25.12 -0.20 0.00	13.10 -0.11 0.00	16.15 -0.12 0.00	20.47 -0.12 0.00	26.40 -0.17 0.00	28.84 -0.19 0.00	30.98 -0.12 0.00	37.54 -0.14 0.00	37.17 -0.12 0.00	40.67 -0.18 0.00	33.56 -0.67 0.00	38.33 -0.70 0.00	30.91 -0.70 0.00	28.85 -0.72 0.00	28.49 -0.60 0.00	30.94 -0.49 0.00	38.65 -0.49 0.00	59.94 -0.91 0.00	59.49 -0.63 0.00	59.85 -0.75 0.00	46.92 -0.71 0.00	41.18 -0.66 0.00	33.35 -0.61 0.00
NEG CENTRAL___INDECK 23768	28.12 -0.09 0.00	25.33 0.01 0.00	13.17 -0.03 0.00	16.25 -0.02 0.00	20.68 0.09 0.00	26.71 0.14 0.00	29.02 -0.02 0.00	30.71 -0.38 0.00	36.71 -0.97 0.00	36.46 -0.84 0.00	40.06 -0.78 0.00	33.46 -0.78 0.00	38.26 -0.77 0.00	30.66 -0.94 0.00	28.56 -1.01 0.00	28.15 -0.94 0.00	30.20 -1.22 0.00	37.71 -1.43 0.00	58.38 -2.47 0.00	58.62 -1.49 0.00	59.09 -1.51 0.00	46.34 -1.29 0.00	41.44 -0.39 0.00	33.56 -0.39 0.00
NEG CENTRAL___SENECA 23627	27.98 -0.22 0.00	25.18 -0.15 0.00	13.11 -0.10 0.00	16.17 -0.10 0.00	20.52 -0.07 0.00	26.45 -0.12 0.00	28.84 -0.20 0.00	30.84 -0.25 0.00	37.31 -0.37 0.00	36.96 -0.33 0.00	40.45 -0.40 0.00	33.58 -0.65 0.00	38.37 -0.66 0.00	30.88 -0.73 0.00	28.85 -0.72 0.00	28.51 -0.58 0.00	31.05 -0.37 0.00	38.78 -0.37 0.00	60.01 -0.84 0.00	59.67 -0.45 0.00	59.95 -0.65 0.00	47.00 -0.64 0.00	41.26 -0.57 0.00	33.35 -0.60 0.00
NEG CENTRAL___STATE_STREET 24147	28.22 0.02 0.00	25.28 -0.05 0.00	13.20 0.00 0.00	16.28 0.01 0.00	20.63 0.04 0.00	26.63 0.05 0.00	29.13 0.09 0.00	31.30 0.21 0.00	38.05 0.37 0.00	37.66 0.37 0.00	41.19 0.34 0.00	33.82 -0.42 0.00	38.57 -0.46 0.00	31.16 -0.45 0.00	29.09 -0.48 0.00	28.69 -0.40 0.00	30.98 -0.44 0.00	38.88 -0.27 0.00	60.47 -0.38 0.00	59.94 -0.18 0.00	60.38 -0.22 0.00	47.37 -0.27 0.00	41.50 -0.33 0.00	33.67 -0.28 0.00
NEG MILLWOOD___DRP 24198	30.28 2.08 0.00	27.14 1.81 0.00	14.14 0.94 0.00	17.39 1.11 0.00	22.00 1.41 0.00	28.29 1.71 0.00	30.83 1.79 0.00	32.87 1.78 0.00	39.91 2.23 0.00	39.56 2.27 0.00	43.39 2.55 0.00	36.33 2.09 0.00	41.46 2.42 0.00	33.72 2.11 0.00	31.66 2.09 0.00	31.15 2.06 0.00	33.58 2.16 0.00	41.81 2.66 0.00	64.81 3.96 0.00	63.81 3.69 0.00	64.01 3.41 0.00	50.13 2.49 0.00	44.02 2.18 0.00	35.78 1.83 0.00
NEG NORTH_FLCN_SEA 23793	28.20 0.00 0.00	25.33 0.00 0.00	13.22 0.02 0.00	16.27 0.00 0.00	20.57 -0.02 0.00	26.64 0.07 0.00	29.52 0.49 0.00	31.83 0.74 0.00	38.62 0.93 0.00	38.15 0.86 0.00	41.83 0.99 0.00	35.14 0.90 0.00	40.07 1.04 0.00	32.43 0.83 0.00	30.36 0.78 0.00	29.86 0.77 0.00	32.30 0.88 0.00	40.23 1.08 0.00	62.58 1.73 0.00	61.99 1.87 0.00	62.81 2.21 0.00	49.43 1.80 0.00	43.31 1.48 0.00	34.98 1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	27.99 -0.22 0.00	25.13 -0.20 0.00	13.10 -0.10 0.00	16.12 -0.15 0.00	20.40 -0.18 0.00	26.45 -0.12 0.00	29.24 0.20 0.00	31.56 0.46 0.00	38.24 0.55 0.00	37.80 0.51 0.00	41.42 0.57 0.00	34.79 0.56 0.00	39.67 0.64 0.00	32.06 0.45 0.00	29.97 0.39 0.00	29.45 0.36 0.00	31.88 0.45 0.00	39.66 0.52 0.00	61.73 0.88 0.00	61.31 1.19 0.00	62.11 1.51 0.00	48.86 1.23 0.00	42.82 0.99 0.00	34.64 0.68 0.00
NEG NORTH___ALICE_FALLS 23915	28.22 0.02 0.00	25.34 0.01 0.00	13.22 0.02 0.00	16.27 0.01 0.00	20.58 -0.01 0.00	26.66 0.09 0.00	29.54 0.50 0.00	31.87 0.78 0.00	38.66 0.98 0.00	38.14 0.85 0.00	41.80 0.95 0.00	35.10 0.86 0.00	40.02 0.99 0.00	32.38 0.77 0.00	30.32 0.74 0.00	29.81 0.72 0.00	32.28 0.86 0.00	40.20 1.05 0.00	62.53 1.67 0.00	62.10 1.98 0.00	62.94 2.34 0.00	49.50 1.87 0.00	43.35 1.52 0.00	35.01 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	28.22 0.02 0.00	25.34 0.01 0.00	13.22 0.02 0.00	16.27 0.01 0.00	20.58 -0.01 0.00	26.66 0.09 0.00	29.54 0.50 0.00	31.87 0.78 0.00	38.66 0.98 0.00	38.14 0.85 0.00	41.80 0.95 0.00	35.10 0.86 0.00	40.02 0.99 0.00	32.38 0.77 0.00	30.32 0.74 0.00	29.81 0.72 0.00	32.28 0.86 0.00	40.20 1.05 0.00	62.53 1.67 0.00	62.10 1.98 0.00	62.94 2.34 0.00	49.50 1.87 0.00	43.35 1.52 0.00	35.01 1.06 0.00
NEG NORTH___PLATTSBURG 23628	28.22 0.02 0.00	25.34 0.01 0.00	13.22 0.02 0.00	16.27 0.01 0.00	20.58 -0.01 0.00	26.66 0.09 0.00	29.54 0.50 0.00	31.87 0.78 0.00	38.66 0.98 0.00	38.14 0.85 0.00	41.80 0.95 0.00	35.10 0.86 0.00	40.02 0.99 0.00	32.38 0.77 0.00	30.32 0.74 0.00	29.81 0.72 0.00	32.28 0.86 0.00	40.20 1.05 0.00	62.53 1.67 0.00	62.10 1.98 0.00	62.94 2.34 0.00	49.50 1.87 0.00	43.35 1.52 0.00	35.01 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	26.20 -2.00 0.00	23.73 -1.60 0.00	12.36 -0.85 0.00	15.20 -1.07 0.00	19.41 -1.18 0.00	24.99 -1.58 0.00	26.87 -2.17 0.00	28.35 -2.75 0.00	34.42 -3.26 0.00	34.23 -3.06 0.00	37.63 -3.22 0.00	31.82 -2.41 0.00	36.28 -2.75 0.00	28.89 -2.72 0.00	26.98 -2.59 0.00	26.66 -2.43 0.00	28.98 -2.44 0.00	36.08 -3.06 0.00	56.21 -4.64 0.00	56.04 -4.08 0.00	56.11 -4.49 0.00	44.08 -3.56 0.00	38.77 -3.07 0.00	31.37 -2.58 0.00
NEG WEST___LANCASTR 23811	27.12 -1.09 0.00	24.55 -0.78 0.00	12.78 -0.43 0.00	15.74 -0.53 0.00	20.02 -0.57 0.00	25.76 -0.81 0.00	27.78 -1.25 0.00	29.47 -1.62 0.00	35.80 -1.88 0.00	35.58 -1.71 0.00	39.11 -1.74 0.00	32.92 -1.32 0.00	37.56 -1.47 0.00	30.00 -1.61 0.00	28.01 -1.57 0.00	27.74 -1.35 0.00	30.12 -1.30 0.00	37.62 -1.53 0.00	58.52 -2.33 0.00	58.18 -1.93 0.00	58.11 -2.49 0.00	45.48 -2.16 0.00	39.95 -1.88 0.00	32.31 -1.64 0.00
NEG_PENN_ALLEGHNY 23528	28.37 0.17 0.00	25.54 0.22 0.00	13.30 0.09 0.00	16.41 0.14 0.00	20.79 0.20 0.00	26.75 0.18 0.00	29.12 0.09 0.00	31.08 -0.02 0.00	37.71 0.03 0.00	37.41 0.12 0.00	40.92 0.08 0.00	34.22 -0.01 0.00	39.05 0.02 0.00	31.57 -0.04 0.00	29.47 -0.10 0.00	29.10 0.02 0.00	31.49 0.07 0.00	39.35 0.21 0.00	61.06 0.20 0.00	60.41 0.30 0.00	60.61 0.01 0.00	47.46 -0.17 0.00	41.67 -0.16 0.00	33.74 -0.21 0.00
NEG___GEN_MONROE 24207	27.32 -0.88 0.00	24.65 -0.68 0.00	12.83 -0.38 0.00	15.79 -0.48 0.00	20.09 -0.50 0.00	25.92 -0.65 0.00	28.07 -0.96 0.00	29.80 -1.29 0.00	36.07 -1.61 0.00	35.73 -1.56 0.00	39.28 -1.57 0.00	33.02 -1.21 0.00	37.66 -1.38 0.00	30.21 -1.39 0.00	28.18 -1.39 0.00	27.91 -1.17 0.00	30.28 -1.14 0.00	37.61 -1.53 0.00	58.75 -2.10 0.00	58.51 -1.61 0.00	58.80 -1.80 0.00	46.13 -1.50 0.00	40.45 -1.38 0.00	32.75 -1.21 0.00
NEPA___ENERGY 23901	27.27 -0.93 0.00	24.70 -0.63 0.00	12.86 -0.34 0.00	15.90 -0.37 0.00	20.20 -0.38 0.00	25.91 -0.66 0.00	28.00 -1.04 0.00	29.79 -1.30 0.00	36.13 -1.55 0.00	36.00 -1.29 0.00	39.51 -1.34 0.00	33.22 -1.01 0.00	37.99 -1.04 0.00	30.44 -1.16 0.00	28.41 -1.16 0.00	28.16 -0.93 0.00	30.55 -0.88 0.00	38.27 -0.88 0.00	59.36 -1.49 0.00	58.95 -1.17 0.00	58.67 -1.93 0.00	45.62 -2.01 0.00	40.08 -1.76 0.00	32.31 -1.64 0.00

NEVERSINK___HYD 23608	30.45 2.25 0.00	27.29 1.96 0.00	14.22 1.02 0.00	17.49 1.22 0.00	22.16 1.57 0.00	28.50 1.93 0.00	31.08 2.05 0.00	33.18 2.09 0.00	40.26 2.57 0.00	39.89 2.60 0.00	43.75 2.90 0.00	36.55 2.31 0.00	41.67 2.64 0.00	33.90 2.29 0.00	31.72 2.15 0.00	31.20 2.11 0.00	33.70 2.28 0.00	42.08 2.94 0.00	65.41 4.55 0.00	64.53 4.41 0.00	64.72 4.12 0.00	50.65 3.02 0.00	44.44 2.60 0.00	36.08 2.12 0.00
NEWKRMKL_115KV_TB1 55635	29.12 0.92 0.00	26.13 0.81 0.00	13.63 0.43 0.00	16.80 0.53 0.00	21.23 0.64 0.00	27.33 0.75 0.00	29.75 0.71 0.00	31.54 0.45 0.00	38.16 0.47 0.00	37.66 0.37 0.00	41.01 0.17 0.00	34.45 0.22 0.00	39.24 0.21 0.00	31.90 0.29 0.00	29.98 0.41 0.00	29.51 0.42 0.00	31.73 0.31 0.00	39.56 0.42 0.00	61.43 0.58 0.00	60.47 0.35 0.00	61.03 0.43 0.00	48.06 0.42 0.00	42.23 0.39 0.00	34.26 0.30 0.00
NEWTON___FALLS_HYD 23847	27.03 -1.18 0.00	24.26 -1.07 0.00	12.74 -0.46 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.99 -0.58 0.00	28.79 -0.25 0.00	30.99 -0.10 0.00	37.57 -0.11 0.00	37.17 -0.12 0.00	40.72 -0.13 0.00	34.04 -0.19 0.00	38.67 -0.37 0.00	31.14 -0.47 0.00	28.89 -0.69 0.00	28.35 -0.74 0.00	30.74 -0.69 0.00	38.31 -0.84 0.00	60.19 -0.66 0.00	59.93 -0.19 0.00	60.84 0.24 0.00	47.76 0.13 0.00	41.98 0.15 0.00	33.90 -0.06 0.00
NGRID_A1_DSASP 323792	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.45 -2.59 0.00	27.91 -3.18 0.00	33.91 -3.77 0.00	33.74 -3.55 0.00	37.12 -3.72 0.00	31.43 -2.80 0.00	35.89 -3.14 0.00	28.52 -3.09 0.00	26.61 -2.96 0.00	26.25 -2.84 0.00	28.53 -2.89 0.00	35.49 -3.66 0.00	55.30 -5.55 0.00	55.11 -5.01 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
NGRID_A2_DSASP 323793	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.45 -2.59 0.00	27.91 -3.18 0.00	33.91 -3.77 0.00	33.74 -3.55 0.00	37.12 -3.72 0.00	31.43 -2.80 0.00	35.89 -3.14 0.00	28.52 -3.09 0.00	26.61 -2.96 0.00	26.25 -2.84 0.00	28.53 -2.89 0.00	35.49 -3.66 0.00	55.30 -5.55 0.00	55.11 -5.01 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
NGRID_A4_DSASP 323807	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.45 -2.59 0.00	27.91 -3.18 0.00	33.91 -3.77 0.00	33.74 -3.55 0.00	37.12 -3.72 0.00	31.43 -2.80 0.00	35.89 -3.14 0.00	28.52 -3.09 0.00	26.61 -2.96 0.00	26.25 -2.84 0.00	28.53 -2.89 0.00	35.49 -3.66 0.00	55.30 -5.55 0.00	55.11 -5.01 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
NIAGARA_115E_LBMP 323715	25.69 -2.52 0.00	23.28 -2.04 0.00	12.13 -1.07 0.00	14.91 -1.36 0.00	19.10 -1.49 0.00	24.57 -2.01 0.00	26.40 -2.64 0.00	27.79 -3.31 0.00	33.76 -3.93 0.00	33.63 -3.66 0.00	36.92 -3.93 0.00	31.28 -2.95 0.00	35.65 -3.38 0.00	28.36 -3.26 0.00	26.49 -3.09 0.00	26.17 -2.92 0.00	28.44 -2.98 0.00	35.39 -3.76 0.00	55.14 -5.72 0.00	54.96 -5.16 0.00	54.98 -5.62 0.00	43.25 -4.38 0.00	38.10 -3.74 0.00	30.84 -3.11 0.00
NIAGARA_115W_LBMP 323714	25.80 -2.41 0.00	23.36 -1.97 0.00	12.17 -1.03 0.00	14.96 -1.31 0.00	19.09 -1.50 0.00	24.57 -2.00 0.00	26.36 -2.67 0.00	27.82 -3.28 0.00	33.80 -3.88 0.00	33.63 -3.66 0.00	37.00 -3.85 0.00	31.32 -2.92 0.00	35.77 -3.26 0.00	28.42 -3.19 0.00	26.52 -3.05 0.00	26.16 -2.92 0.00	28.42 -3.00 0.00	35.35 -3.80 0.00	55.10 -5.76 0.00	54.90 -5.22 0.00	54.89 -5.71 0.00	43.15 -4.48 0.00	38.02 -3.82 0.00	30.83 -3.13 0.00
NIAGARA_230_LBMP 323716	26.09 -2.11 0.00	23.63 -1.69 0.00	12.31 -0.90 0.00	15.14 -1.13 0.00	19.30 -1.29 0.00	24.85 -1.73 0.00	26.68 -2.35 0.00	28.20 -2.90 0.00	34.25 -3.44 0.00	34.05 -3.24 0.00	37.47 -3.38 0.00	31.67 -2.57 0.00	36.15 -2.88 0.00	28.77 -2.84 0.00	26.83 -2.74 0.00	26.48 -2.61 0.00	28.74 -2.69 0.00	35.75 -3.40 0.00	55.74 -5.11 0.00	55.51 -4.61 0.00	55.51 -5.09 0.00	43.60 -4.03 0.00	38.36 -3.47 0.00	31.11 -2.84 0.00
NIAGARA___115KV_198_GIBSON 55903	25.80 -2.41 0.00	23.37 -1.96 0.00	12.17 -1.03 0.00	14.96 -1.31 0.00	19.09 -1.50 0.00	24.57 -2.00 0.00	26.36 -2.68 0.00	27.82 -3.27 0.00	33.82 -3.86 0.00	33.63 -3.66 0.00	37.02 -3.83 0.00	31.32 -2.92 0.00	35.73 -3.30 0.00	28.41 -3.19 0.00	26.52 -3.05 0.00	26.16 -2.93 0.00	28.43 -2.99 0.00	35.38 -3.76 0.00	55.10 -5.76 0.00	54.89 -5.23 0.00	54.90 -5.70 0.00	43.15 -4.48 0.00	38.02 -3.81 0.00	30.82 -3.13 0.00
NIAGARA____ 23760	26.09 -2.11 0.00	23.63 -1.69 0.00	12.31 -0.90 0.00	15.14 -1.13 0.00	19.30 -1.29 0.00	24.85 -1.73 0.00	26.68 -2.35 0.00	28.20 -2.90 0.00	34.25 -3.44 0.00	34.05 -3.24 0.00	37.47 -3.38 0.00	31.67 -2.57 0.00	36.15 -2.88 0.00	28.77 -2.84 0.00	26.83 -2.74 0.00	26.48 -2.61 0.00	28.74 -2.69 0.00	35.75 -3.40 0.00	55.74 -5.11 0.00	55.51 -4.61 0.00	55.51 -5.09 0.00	43.60 -4.03 0.00	38.36 -3.47 0.00	31.11 -2.84 0.00
NINE_MILE_1 23575	27.42 -0.78 0.00	24.64 -0.68 0.00	12.85 -0.36 0.00	15.83 -0.44 0.00	20.04 -0.55 0.00	25.83 -0.74 0.00	28.11 -0.93 0.00	29.95 -1.14 0.00	36.31 -1.37 0.00	35.95 -1.34 0.00	39.39 -1.46 0.00	33.01 -1.22 0.00	37.64 -1.40 0.00	30.44 -1.17 0.00	28.41 -1.17 0.00	27.93 -1.16 0.00	30.21 -1.21 0.00	37.67 -1.47 0.00	58.59 -2.27 0.00	57.95 -2.17 0.00	58.36 -2.24 0.00	45.85 -1.79 0.00	40.23 -1.60 0.00	32.73 -1.22 0.00
NINE_MILE_2 23744	27.43 -0.78 0.00	24.64 -0.68 0.00	12.85 -0.36 0.00	15.83 -0.44 0.00	20.04 -0.55 0.00	25.83 -0.74 0.00	28.11 -0.93 0.00	29.95 -1.14 0.00	36.31 -1.37 0.00	35.95 -1.34 0.00	39.39 -1.46 0.00	33.02 -1.22 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.16 0.00	27.93 -1.15 0.00	30.21 -1.21 0.00	37.67 -1.47 0.00	58.60 -2.25 0.00	57.96 -2.16 0.00	58.36 -2.24 0.00	45.85 -1.78 0.00	40.25 -1.59 0.00	32.74 -1.22 0.00
NM_CAPITAL___DRP 24208	29.14 0.94 0.00	26.15 0.82 0.00	13.65 0.44 0.00	16.82 0.55 0.00	21.25 0.66 0.00	27.35 0.77 0.00	29.76 0.73 0.00	31.58 0.49 0.00	38.23 0.55 0.00	37.76 0.46 0.00	41.09 0.25 0.00	34.49 0.25 0.00	39.27 0.24 0.00	31.93 0.32 0.00	30.00 0.43 0.00	29.53 0.44 0.00	31.75 0.32 0.00	39.56 0.42 0.00	61.44 0.58 0.00	60.49 0.38 0.00	61.09 0.49 0.00	48.12 0.49 0.00	42.29 0.46 0.00	34.29 0.33 0.00
NM_CENTRAL___DRP 24181	28.04 -0.16 0.00	25.20 -0.13 0.00	13.13 -0.08 0.00	16.18 -0.09 0.00	20.49 -0.10 0.00	26.42 -0.15 0.00	28.79 -0.24 0.00	30.78 -0.31 0.00	37.35 -0.34 0.00	37.00 -0.29 0.00	40.51 -0.33 0.00	33.81 -0.42 0.00	38.53 -0.50 0.00	31.17 -0.44 0.00	29.08 -0.49 0.00	28.63 -0.46 0.00	31.02 -0.40 0.00	38.70 -0.45 0.00	60.18 -0.67 0.00	59.55 -0.57 0.00	59.93 -0.67 0.00	47.00 -0.63 0.00	41.23 -0.60 0.00	33.47 -0.48 0.00

NM_FRONTIER___DRP 24179	25.80 -2.41 0.00	23.37 -1.96 0.00	12.17 -1.03 0.00	14.96 -1.31 0.00	19.09 -1.50 0.00	24.57 -2.00 0.00	26.36 -2.68 0.00	27.82 -3.27 0.00	33.82 -3.86 0.00	33.63 -3.66 0.00	37.02 -3.83 0.00	31.32 -2.92 0.00	35.73 -3.30 0.00	28.41 -3.19 0.00	26.52 -3.05 0.00	26.16 -2.93 0.00	28.43 -2.99 0.00	35.38 -3.76 0.00	55.10 -5.76 0.00	54.89 -5.23 0.00	54.90 -5.70 0.00	43.15 -4.48 0.00	38.02 -3.81 0.00	30.82 -3.13 0.00
NM_ST_REGIS___HYD 24053	27.31 -0.89 0.00	24.52 -0.81 0.00	12.80 -0.40 0.00	15.76 -0.51 0.00	19.98 -0.61 0.00	25.97 -0.60 0.00	28.85 -0.19 0.00	31.19 0.09 0.00	37.80 0.11 0.00	37.34 0.06 0.00	40.92 0.07 0.00	34.32 0.08 0.00	39.00 -0.03 0.00	31.44 -0.17 0.00	29.31 -0.27 0.00	28.80 -0.28 0.00	31.16 -0.27 0.00	38.63 -0.52 0.00	60.44 -0.42 0.00	60.17 0.05 0.00	61.07 0.48 0.00	47.98 0.35 0.00	42.22 0.39 0.00	34.11 0.16 0.00
NORTHPORT___1 23551	49.18 2.54 -18.44	42.31 2.31 -14.67	29.25 1.21 -14.83	20.30 1.43 -2.61	32.01 1.81 -9.60	45.84 2.25 -17.02	43.79 2.28 -12.48	33.23 2.14 0.00	40.24 2.57 0.01	40.20 2.61 -0.30	44.92 2.77 -1.31	44.22 2.35 -7.63	44.57 2.60 -2.94	45.57 2.21 -11.75	38.90 2.31 -7.01	31.01 1.92 0.00	24.12 1.84 9.15	34.60 2.39 6.94	52.85 3.37 11.37	49.74 3.04 13.42	47.61 2.76 15.75	34.67 1.98 14.94	42.72 2.03 1.14	36.92 2.16 -0.80
NORTHPORT___2 23552	49.18 2.54 -18.44	42.31 2.31 -14.67	29.25 1.21 -14.83	20.30 1.43 -2.61	32.01 1.81 -9.60	45.84 2.25 -17.02	43.79 2.28 -12.48	33.23 2.14 0.00	40.24 2.57 0.01	40.20 2.61 -0.30	44.92 2.77 -1.31	44.22 2.35 -7.63	44.57 2.60 -2.94	45.57 2.21 -11.75	38.90 2.31 -7.01	31.01 1.92 0.00	24.12 1.84 9.15	34.60 2.39 6.94	52.85 3.37 11.37	49.74 3.04 13.42	47.61 2.76 15.75	34.67 1.98 14.94	42.72 2.03 1.14	36.92 2.16 -0.80
NORTHPORT___3 23553	49.75 2.50 -19.06	42.95 2.31 -15.30	29.91 1.20 -15.50	20.59 1.43 -2.89	32.54 1.80 -10.15	46.04 2.23 -17.24	43.91 2.24 -12.64	33.20 2.11 0.00	40.22 2.54 0.00	40.19 2.56 -0.34	45.30 2.76 -1.69	44.60 2.41 -7.95	44.61 2.60 -2.99	45.76 2.22 -11.93	39.04 2.35 -7.12	30.99 1.90 0.00	24.13 1.85 9.14	34.62 2.42 6.94	52.99 3.51 11.37	49.86 3.17 13.43	47.76 2.92 15.76	34.77 2.09 14.95	41.83 2.15 2.15	35.97 2.31 0.29
NORTHPORT___4 23650	49.75 2.50 -19.06	42.95 2.31 -15.30	29.91 1.20 -15.50	20.59 1.43 -2.89	32.54 1.80 -10.15	46.04 2.23 -17.24	43.91 2.24 -12.64	33.20 2.11 0.00	40.22 2.54 0.00	40.19 2.56 -0.34	45.30 2.76 -1.69	44.60 2.41 -7.95	44.61 2.60 -2.99	45.76 2.22 -11.93	39.04 2.35 -7.12	30.99 1.90 0.00	24.13 1.85 9.14	34.62 2.42 6.94	52.99 3.51 11.37	49.86 3.17 13.43	47.76 2.92 15.76	34.77 2.09 14.95	41.83 2.15 2.15	35.97 2.31 0.29
NORTHPORT___IC 23718	49.18 2.54 -18.44	42.31 2.31 -14.67	29.25 1.21 -14.83	20.30 1.43 -2.61	32.01 1.81 -9.60	45.84 2.25 -17.02	43.79 2.27 -12.48	33.23 2.14 0.00	40.25 2.57 0.01	40.20 2.60 -0.30	44.92 2.77 -1.31	44.21 2.35 -7.63	44.58 2.60 -2.94	45.57 2.21 -11.75	38.90 2.31 -7.01	31.01 1.92 0.00	24.11 1.84 9.15	34.59 2.39 6.94	52.85 3.37 11.37	49.74 3.05 13.42	47.61 2.76 15.75	34.67 1.98 14.94	42.72 2.02 1.14	36.92 2.16 -0.80
NORTH___COUNTRY_ESR 323785	27.92 -0.28 0.00	25.08 -0.25 0.00	13.08 -0.13 0.00	16.09 -0.18 0.00	20.36 -0.23 0.00	26.40 -0.18 0.00	29.17 0.14 0.00	31.49 0.40 0.00	38.18 0.50 0.00	37.75 0.46 0.00	41.41 0.56 0.00	34.79 0.55 0.00	39.67 0.64 0.00	32.06 0.45 0.00	29.96 0.39 0.00	29.45 0.36 0.00	31.87 0.45 0.00	39.66 0.51 0.00	61.72 0.86 0.00	61.20 1.08 0.00	61.94 1.34 0.00	48.71 1.08 0.00	42.72 0.88 0.00	34.55 0.60 0.00
NPX_GEN_1385_PROXY 323591	16.43 2.43 14.21	42.21 2.21 -14.67	29.20 1.16 -14.83	20.24 1.37 -2.61	31.93 1.74 -9.60	41.06 2.18 -12.31	43.84 2.32 -12.48	33.34 2.25 0.00	40.24 2.57 0.01	40.20 2.61 -0.30	44.92 2.76 -1.31	44.21 2.34 -7.63	44.55 2.57 -2.94	45.55 2.18 -11.75	5.36 2.21 26.43	30.90 1.81 0.00	24.00 1.73 9.15	34.58 2.37 6.94	53.04 3.56 11.37	49.88 3.18 13.42	47.73 2.87 15.75	34.83 2.15 14.94	42.72 2.02 1.14	36.85 2.09 -0.80
NPX_GEN_CSC 323557	51.00 3.33 -19.47	43.99 2.86 -15.80	30.73 1.49 -16.04	21.23 1.76 -3.20	33.48 2.25 -10.64	42.28 2.86 -12.84	44.98 3.03 -12.91	34.17 3.08 0.00	41.41 3.73 0.00	41.55 3.88 -0.38	47.29 4.23 -2.22	46.82 3.60 -8.98	46.54 4.04 -3.47	47.14 3.40 -12.12	43.76 3.36 -10.82	32.06 2.97 0.00	34.48 3.05 0.00	122.09 4.05 -78.89	196.00 5.92 -129.23	218.21 5.58 -152.52	245.06 5.50 -178.95	221.55 4.06 -169.86	82.70 3.81 -37.05	47.68 3.50 -10.23
NSINS_S_GLNS_FALLS 23858	29.81 1.61 0.00	26.67 1.34 0.00	13.93 0.72 0.00	17.16 0.90 0.00	21.68 1.09 0.00	28.02 1.45 0.00	30.88 1.84 0.00	33.12 2.03 0.00	39.88 2.20 0.00	39.18 1.89 0.00	42.60 1.75 0.00	35.36 1.13 0.00	40.33 1.30 0.00	32.91 1.31 0.00	30.86 1.29 0.00	30.45 1.36 0.00	33.03 1.61 0.00	41.00 1.85 0.00	64.01 3.16 0.00	63.31 3.19 0.00	64.17 3.57 0.00	50.53 2.90 0.00	44.24 2.41 0.00	35.55 1.60 0.00
NUCOR_STEEL___DRP 24197	28.21 0.00 0.00	25.25 -0.07 0.00	13.20 -0.01 0.00	16.27 0.00 0.00	20.62 0.03 0.00	26.60 0.03 0.00	29.12 0.08 0.00	31.30 0.20 0.00	38.07 0.39 0.00	37.67 0.38 0.00	41.21 0.36 0.00	33.80 -0.44 0.00	38.55 -0.48 0.00	31.16 -0.45 0.00	29.09 -0.49 0.00	28.68 -0.41 0.00	30.94 -0.48 0.00	38.84 -0.31 0.00	60.42 -0.43 0.00	59.88 -0.24 0.00	60.32 -0.28 0.00	47.32 -0.31 0.00	41.46 -0.37 0.00	33.65 -0.31 0.00
NUMBER_THREE_WT_PWR 323818	27.40 -0.80 0.00	24.61 -0.72 0.00	13.01 -0.19 0.00	16.09 -0.18 0.00	20.55 -0.04 0.00	26.72 0.15 0.00	29.44 0.40 0.00	31.57 0.47 0.00	38.28 0.60 0.00	37.88 0.59 0.00	41.46 0.61 0.00	34.61 0.37 0.00	39.32 0.29 0.00	31.67 0.06 0.00	29.29 -0.29 0.00	28.70 -0.39 0.00	31.19 -0.24 0.00	39.07 -0.08 0.00	61.55 0.70 0.00	61.26 1.14 0.00	62.10 1.49 0.00	48.74 1.11 0.00	42.73 0.89 0.00	34.48 0.53 0.00
NYISO_LBMP_REFERENCE 24008	28.20 0.00 0.00	25.33 0.00 0.00	13.21 0.00 0.00	16.27 0.00 0.00	20.59 0.00 0.00	26.57 0.00 0.00	29.03 0.00 0.00	31.09 0.00 0.00	37.68 0.00 0.00	37.29 0.00 0.00	40.85 0.00 0.00	34.24 0.00 0.00	39.03 0.00 0.00	31.61 0.00 0.00	29.57 0.00 0.00	29.09 0.00 0.00	31.42 0.00 0.00	39.15 0.00 0.00	60.85 0.00 0.00	60.12 0.00 0.00	60.60 0.00 0.00	47.63 0.00 0.00	41.83 0.00 0.00	33.95 0.00 0.00
NYPA_BRENTWD____GT 24164	52.10 2.95 -20.94	45.37 2.64 -17.40	32.33 1.37 -17.75	21.95 1.63 -4.05	34.79 2.07 -12.13	47.49 2.60 -18.32	45.29 2.71 -13.55	33.76 2.67 0.00	40.92 3.24 0.00	41.08 3.31 -0.48	47.82 3.58 -3.39	46.78 3.02 -9.52	45.54 3.32 -3.19	46.68 2.81 -12.26	40.66 2.79 -8.30	31.48 2.40 0.00	33.79 2.37 0.00	58.66 3.03 -16.47	91.92 4.08 -26.99	95.74 3.77 -31.85	101.50 3.52 -37.37	85.67 2.57 -35.47	53.22 2.82 -8.57	39.35 2.81 -2.58

NYPA_GOWANUS____GT5 24156	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.15 -216.15	43.65 2.52 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.91 3.79 0.00	64.07 3.47 0.00	50.19 2.55 0.00	44.17 2.34 0.00	35.96 2.00 0.00
NYPA_GOWANUS____GT6 24157	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.08 2.04 0.00	39.16 2.01 -6.06	47.91 2.55 -7.68	48.07 2.55 -8.23	70.69 2.83 -27.01	252.54 2.15 -216.15	43.65 2.52 -2.09	66.93 2.31 -33.02	61.41 2.39 -29.45	60.75 2.36 -29.31	62.09 2.43 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.91 3.79 0.00	64.07 3.47 0.00	50.19 2.55 0.00	44.17 2.34 0.00	35.96 2.00 0.00
NYPA_HARLEM__RVR__GT1 24160	30.40 2.20 0.00	27.18 1.85 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.02 1.43 0.00	28.36 1.79 0.00	30.83 1.79 0.00	32.84 1.75 0.00	39.90 2.22 0.00	39.51 2.22 0.00	43.38 2.54 0.00	36.32 2.09 0.00	41.43 2.40 0.00	33.73 2.12 0.00	31.83 2.25 0.00	31.23 2.14 0.00	33.58 2.15 0.00	41.68 2.53 0.00	64.34 3.49 0.01	63.38 3.26 0.01	63.52 2.94 0.02	49.84 2.21 0.00	43.86 2.03 0.00	35.73 1.77 0.00
NYPA_HARLEM__RVR__GT2 24161	30.40 2.20 0.00	27.18 1.85 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.02 1.43 0.00	28.36 1.79 0.00	30.83 1.79 0.00	32.84 1.75 0.00	39.90 2.22 0.00	39.51 2.22 0.00	43.38 2.54 0.00	36.32 2.09 0.00	41.43 2.40 0.00	33.73 2.12 0.00	31.83 2.25 0.00	31.23 2.14 0.00	33.58 2.15 0.00	41.68 2.53 0.00	64.34 3.49 0.01	63.38 3.26 0.01	63.52 2.94 0.02	49.84 2.21 0.00	43.86 2.03 0.00	35.73 1.77 0.00
NYPA_KENT____GT 24152	30.48 2.28 0.00	27.29 1.97 0.00	14.22 1.02 0.00	17.50 1.23 0.00	22.15 1.57 0.00	28.50 1.93 0.00	31.02 1.99 0.00	36.74 1.97 -3.67	44.83 2.49 -4.66	44.79 2.51 -4.99	60.03 2.81 -16.36	167.38 2.21 -130.93	42.88 2.58 -1.27	53.92 2.31 -20.00	49.80 2.39 -17.84	49.19 2.35 -17.75	50.94 2.42 -17.10	44.10 2.89 -2.07	64.91 4.06 0.00	63.89 3.77 0.00	64.03 3.43 0.00	50.15 2.51 0.00	44.12 2.29 0.00	35.93 1.98 0.00
NYPA_POUCH1____GT 24155	30.45 2.24 0.00	27.24 1.92 0.00	14.19 0.99 0.00	17.57 1.31 0.00	22.25 1.66 0.00	28.62 2.05 0.00	31.16 2.13 0.00	39.23 2.07 -6.06	47.95 2.58 -7.68	48.03 2.51 -8.23	70.56 2.70 -27.01	252.50 2.11 -216.15	43.62 2.50 -2.09	66.88 2.25 -33.02	61.36 2.34 -29.45	60.70 2.30 -29.31	62.01 2.35 -28.24	45.42 2.87 -3.41	64.78 3.93 0.00	63.81 3.69 0.00	63.99 3.39 0.00	50.17 2.53 0.00	44.19 2.36 0.00	35.98 2.03 0.00
NYPA_VERNON____GT2 24162	30.48 2.27 0.00	27.29 1.97 0.00	14.23 1.02 0.00	17.48 1.21 0.00	22.12 1.54 0.00	28.46 1.89 0.00	30.98 1.94 0.00	34.30 1.92 -1.28	41.75 2.44 -1.63	41.51 2.48 -1.74	49.37 2.81 -5.71	82.22 2.26 -45.72	42.09 2.61 -0.44	40.91 2.32 -6.98	38.19 2.39 -6.23	37.61 2.33 -6.20	39.79 2.39 -5.97	42.71 2.85 -0.72	64.90 4.04 0.00	63.86 3.74 0.00	63.98 3.38 0.00	50.11 2.48 0.00	44.07 2.23 0.00	35.90 1.95 0.00
NYPA_VERNON____GT3 24163	30.48 2.27 0.00	27.29 1.97 0.00	14.23 1.02 0.00	17.48 1.21 0.00	22.12 1.54 0.00	28.46 1.89 0.00	30.98 1.94 0.00	34.30 1.92 -1.28	41.75 2.44 -1.63	41.51 2.48 -1.74	49.37 2.81 -5.71	82.22 2.26 -45.72	42.09 2.61 -0.44	40.91 2.32 -6.98	38.19 2.39 -6.23	37.61 2.33 -6.20	39.79 2.39 -5.97	42.71 2.85 -0.72	64.90 4.04 0.00	63.86 3.74 0.00	63.98 3.38 0.00	50.11 2.48 0.00	44.07 2.23 0.00	35.90 1.95 0.00
NYPA__ASTORIA_CC1 323568	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.95 1.86 0.00	40.05 2.37 0.00	39.70 2.41 0.00	43.58 2.73 0.00	36.43 2.19 0.00	41.57 2.54 0.00	33.87 2.25 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.33 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	43.99 2.16 0.00	35.84 1.88 0.00
NYPA__ASTORIA_CC2 323569	30.44 2.24 0.00	27.27 1.94 0.00	14.21 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.93 1.89 0.00	32.95 1.86 0.00	40.05 2.37 0.00	39.70 2.41 0.00	43.58 2.73 0.00	36.43 2.19 0.00	41.57 2.54 0.00	33.87 2.25 0.00	31.91 2.34 0.00	31.36 2.27 0.00	33.75 2.33 0.00	41.92 2.77 0.00	64.78 3.93 0.00	63.75 3.63 0.00	63.89 3.29 0.00	50.02 2.39 0.00	43.99 2.16 0.00	35.84 1.88 0.00
NYPA__HOLTSVILL 23794	50.50 2.95 -19.35	43.61 2.62 -15.67	30.46 1.36 -15.89	21.01 1.61 -3.13	33.16 2.05 -10.52	46.63 2.57 -17.49	44.58 2.68 -12.86	33.74 2.65 0.00	40.89 3.22 0.00	40.98 3.32 -0.37	46.56 3.59 -2.11	46.16 3.05 -8.88	45.88 3.39 -3.46	46.57 2.87 -12.10	43.17 2.87 -10.73	31.56 2.48 0.00	33.92 2.50 0.00	119.48 3.26 -77.08	191.81 4.70 -126.26	213.50 4.36 -149.02	239.58 4.13 -174.85	216.61 3.03 -165.96	81.01 2.95 -36.22	46.82 2.86 -10.00
NYPA____HELLGATE_GT1 24158	30.40 2.20 0.00	27.18 1.85 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.02 1.43 0.00	28.36 1.79 0.00	30.83 1.79 0.00	32.84 1.75 0.00	39.90 2.22 0.00	39.51 2.22 0.00	43.38 2.54 0.00	36.32 2.09 0.00	41.43 2.40 0.00	33.73 2.12 0.00	31.83 2.25 0.00	31.23 2.14 0.00	33.58 2.15 0.00	41.68 2.53 0.00	64.32 3.47 0.01	63.38 3.26 0.00	63.54 2.94 0.00	49.84 2.21 0.00	43.86 2.03 0.00	35.73 1.77 0.00
NYPA____HELLGATE_GT2 24159	30.40 2.20 0.00	27.18 1.85 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.02 1.43 0.00	28.36 1.79 0.00	30.83 1.79 0.00	32.84 1.75 0.00	39.90 2.22 0.00	39.51 2.22 0.00	43.38 2.54 0.00	36.32 2.09 0.00	41.43 2.40 0.00	33.73 2.12 0.00	31.83 2.25 0.00	31.23 2.14 0.00	33.58 2.15 0.00	41.68 2.53 0.00	64.32 3.47 0.01	63.38 3.26 0.00	63.54 2.94 0.00	49.84 2.21 0.00	43.86 2.03 0.00	35.73 1.77 0.00
NYS_BARGE__HYD 23848	26.18 -2.03 0.00	23.71 -1.62 0.00	12.35 -0.86 0.00	15.18 -1.09 0.00	19.41 -1.18 0.00	24.98 -1.59 0.00	26.86 -2.18 0.00	28.34 -2.76 0.00	34.39 -3.29 0.00	34.21 -3.08 0.00	37.59 -3.26 0.00	31.80 -2.43 0.00	36.29 -2.74 0.00	28.88 -2.73 0.00	26.97 -2.60 0.00	26.66 -2.43 0.00	28.97 -2.46 0.00	36.03 -3.12 0.00	56.18 -4.67 0.00	56.03 -4.08 0.00	56.11 -4.49 0.00	44.08 -3.55 0.00	38.78 -3.06 0.00	31.38 -2.58 0.00
OAK ORCHARD__HYD 24046	27.22 -0.98 0.00	24.55 -0.78 0.00	12.78 -0.43 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.80 -0.77 0.00	27.94 -1.10 0.00	29.70 -1.39 0.00	36.01 -1.68 0.00	35.71 -1.58 0.00	39.27 -1.58 0.00	32.98 -1.26 0.00	37.65 -1.38 0.00	30.23 -1.38 0.00	28.19 -1.38 0.00	27.83 -1.26 0.00	30.17 -1.26 0.00	37.55 -1.60 0.00	58.59 -2.26 0.00	58.23 -1.89 0.00	58.44 -2.16 0.00	45.83 -1.80 0.00	40.19 -1.64 0.00	32.58 -1.37 0.00

OAKDALE___35_KV_LOAD 356122	28.34 0.13 0.00	25.51 0.18 0.00	13.28 0.08 0.00	16.40 0.13 0.00	20.77 0.18 0.00	26.72 0.14 0.00	29.07 0.04 0.00	31.02 -0.07 0.00	37.62 -0.06 0.00	37.30 0.01 0.00	40.84 -0.01 0.00	34.16 -0.08 0.00	38.96 -0.07 0.00	31.49 -0.12 0.00	29.44 -0.14 0.00	29.06 -0.03 0.00	31.44 0.01 0.00	39.28 0.14 0.00	60.94 0.09 0.00	60.29 0.17 0.00	60.49 -0.11 0.00	47.38 -0.25 0.00	41.62 -0.21 0.00	33.71 -0.25 0.00
OCC_CHEM___DRP 24175	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.44 -2.59 0.00	27.91 -3.18 0.00	33.93 -3.76 0.00	33.74 -3.55 0.00	37.15 -3.70 0.00	31.42 -2.82 0.00	35.85 -3.18 0.00	28.51 -3.10 0.00	26.61 -2.96 0.00	26.25 -2.83 0.00	28.53 -2.89 0.00	35.51 -3.63 0.00	55.30 -5.55 0.00	55.12 -5.00 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
OH_GEN_PROXY 24063	26.15 -2.06 0.00	23.68 -1.65 0.00	12.34 -0.87 0.00	15.17 -1.10 0.00	19.33 -1.25 0.00	20.18 -1.68 4.71	26.75 -2.28 0.00	28.29 -2.81 0.00	34.36 -3.32 0.00	34.16 -3.13 0.00	37.60 -3.25 0.00	31.75 -2.49 0.00	36.25 -2.78 0.00	28.86 -2.75 0.00	26.91 -2.66 0.00	26.56 -2.53 0.00	28.83 -2.60 0.00	35.89 -3.26 0.00	55.95 -4.90 0.00	55.71 -4.41 0.00	55.70 -4.90 0.00	43.73 -3.90 0.00	38.45 -3.38 0.00	31.18 -2.78 0.00
OLIN_CORP_DRP 24177	25.78 -2.43 0.00	23.36 -1.97 0.00	12.17 -1.03 0.00	14.96 -1.31 0.00	19.15 -1.44 0.00	24.63 -1.94 0.00	26.47 -2.57 0.00	27.88 -3.21 0.00	33.88 -3.80 0.00	33.73 -3.56 0.00	37.05 -3.80 0.00	31.37 -2.87 0.00	35.74 -3.29 0.00	28.44 -3.17 0.00	26.57 -3.01 0.00	26.25 -2.84 0.00	28.52 -2.90 0.00	35.51 -3.63 0.00	55.29 -5.56 0.00	55.12 -5.00 0.00	55.15 -5.45 0.00	43.36 -4.27 0.00	38.18 -3.65 0.00	30.92 -3.03 0.00
OLIN_CORP_DSASP 323712	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.45 -2.59 0.00	27.91 -3.18 0.00	33.91 -3.77 0.00	33.74 -3.55 0.00	37.12 -3.72 0.00	31.43 -2.80 0.00	35.89 -3.14 0.00	28.52 -3.09 0.00	26.61 -2.96 0.00	26.25 -2.84 0.00	28.53 -2.89 0.00	35.49 -3.66 0.00	55.30 -5.55 0.00	55.11 -5.01 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
ONEIDA_HERK_LFGE 323681	28.23 0.03 0.00	25.35 0.02 0.00	13.29 0.08 0.00	16.40 0.13 0.00	20.83 0.24 0.00	26.99 0.42 0.00	29.58 0.55 0.00	31.67 0.57 0.00	38.40 0.72 0.00	38.01 0.72 0.00	41.58 0.73 0.00	34.75 0.51 0.00	39.54 0.50 0.00	31.93 0.33 0.00	29.73 0.16 0.00	29.17 0.09 0.00	31.65 0.23 0.00	39.61 0.46 0.00	61.96 1.11 0.00	61.44 1.32 0.00	62.07 1.47 0.00	48.73 1.10 0.00	42.72 0.88 0.00	34.54 0.59 0.00
ONEIDA___115KV_TB4 55905	28.74 0.54 0.00	25.80 0.48 0.00	13.47 0.26 0.00	16.61 0.34 0.00	21.02 0.43 0.00	27.20 0.63 0.00	29.75 0.71 0.00	31.81 0.71 0.00	38.59 0.91 0.00	38.19 0.90 0.00	41.77 0.92 0.00	34.88 0.64 0.00	39.67 0.64 0.00	32.06 0.46 0.00	29.91 0.34 0.00	29.38 0.29 0.00	31.91 0.49 0.00	39.94 0.80 0.00	62.29 1.44 0.00	61.73 1.61 0.00	62.27 1.67 0.00	48.88 1.25 0.00	42.82 0.99 0.00	34.64 0.68 0.00
ONONDAGA_REF_OCCRA 23987	28.19 -0.01 0.00	25.33 0.00 0.00	13.19 -0.01 0.00	16.26 -0.01 0.00	20.59 0.00 0.00	26.55 -0.02 0.00	28.96 -0.08 0.00	30.99 -0.10 0.00	37.61 -0.08 0.00	37.23 -0.06 0.00	40.74 -0.11 0.00	33.95 -0.28 0.00	38.69 -0.34 0.00	31.32 -0.29 0.00	29.23 -0.34 0.00	28.77 -0.32 0.00	31.16 -0.26 0.00	38.93 -0.22 0.00	60.54 -0.31 0.00	59.92 -0.20 0.00	60.30 -0.30 0.00	47.29 -0.34 0.00	41.48 -0.35 0.00	33.65 -0.30 0.00
ONONDAGA___COGEN 23986	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.12 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.38 0.09 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.54 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.98 -0.45 0.00	38.69 -0.45 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
ONTARIO___LFGE 23819	27.98 -0.23 0.00	25.18 -0.15 0.00	13.11 -0.10 0.00	16.17 -0.10 0.00	20.52 -0.07 0.00	26.45 -0.12 0.00	28.84 -0.20 0.00	30.84 -0.26 0.00	37.31 -0.37 0.00	36.95 -0.34 0.00	40.43 -0.41 0.00	33.58 -0.66 0.00	38.37 -0.66 0.00	30.88 -0.72 0.00	28.85 -0.72 0.00	28.51 -0.58 0.00	31.05 -0.38 0.00	38.77 -0.38 0.00	60.01 -0.85 0.00	59.66 -0.45 0.00	59.94 -0.66 0.00	47.00 -0.63 0.00	41.26 -0.57 0.00	33.35 -0.61 0.00
ORANGEVILLE_WT_PWR 323706	27.01 -1.19 0.00	24.40 -0.93 0.00	12.70 -0.51 0.00	15.67 -0.60 0.00	19.94 -0.65 0.00	25.67 -0.91 0.00	27.66 -1.37 0.00	29.23 -1.86 0.00	35.35 -2.33 0.00	35.24 -2.05 0.00	38.74 -2.11 0.00	32.48 -1.76 0.00	37.19 -1.84 0.00	29.71 -1.90 0.00	27.84 -1.73 0.00	27.56 -1.53 0.00	29.95 -1.47 0.00	37.32 -1.83 0.00	57.97 -2.88 0.00	57.84 -2.28 0.00	57.91 -2.69 0.00	45.32 -2.32 0.00	39.79 -2.04 0.00	32.02 -1.93 0.00
ORANGEVILLE___ESR 323794	27.01 -1.19 0.00	24.40 -0.93 0.00	12.70 -0.51 0.00	15.67 -0.60 0.00	19.94 -0.65 0.00	25.67 -0.91 0.00	27.66 -1.37 0.00	29.23 -1.86 0.00	35.35 -2.33 0.00	35.24 -2.05 0.00	38.74 -2.11 0.00	32.48 -1.76 0.00	37.19 -1.84 0.00	29.71 -1.90 0.00	27.84 -1.73 0.00	27.56 -1.53 0.00	29.95 -1.47 0.00	37.32 -1.83 0.00	57.97 -2.88 0.00	57.84 -2.28 0.00	57.91 -2.69 0.00	45.32 -2.32 0.00	39.79 -2.04 0.00	32.02 -1.93 0.00
OSWEGATCHIE___HYD 24044	27.03 -1.18 0.00	24.26 -1.07 0.00	12.74 -0.46 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.99 -0.58 0.00	28.79 -0.25 0.00	30.99 -0.10 0.00	37.57 -0.11 0.00	37.17 -0.12 0.00	40.72 -0.13 0.00	34.04 -0.19 0.00	38.67 -0.37 0.00	31.14 -0.47 0.00	28.89 -0.69 0.00	28.35 -0.74 0.00	30.74 -0.69 0.00	38.31 -0.84 0.00	60.19 -0.66 0.00	59.93 -0.19 0.00	60.84 0.24 0.00	47.76 0.13 0.00	41.98 0.15 0.00	33.89 -0.06 0.00
OSWEGO___5 23606	27.58 -0.63 0.00	24.78 -0.55 0.00	12.92 -0.28 0.00	15.92 -0.35 0.00	20.15 -0.43 0.00	25.99 -0.58 0.00	28.28 -0.76 0.00	30.11 -0.99 0.00	36.49 -1.19 0.00	36.13 -1.15 0.00	39.58 -1.27 0.00	33.22 -1.01 0.00	37.87 -1.16 0.00	30.64 -0.97 0.00	28.59 -0.98 0.00	28.13 -0.96 0.00	30.42 -1.01 0.00	37.94 -1.21 0.00	59.01 -1.84 0.00	58.37 -1.75 0.00	58.79 -1.81 0.00	46.18 -1.45 0.00	40.52 -1.31 0.00	32.95 -1.00 0.00
OSWEGO___6 23613	27.58 -0.63 0.00	24.78 -0.55 0.00	12.92 -0.28 0.00	15.92 -0.35 0.00	20.15 -0.43 0.00	25.99 -0.58 0.00	28.28 -0.76 0.00	30.11 -0.99 0.00	36.49 -1.19 0.00	36.13 -1.15 0.00	39.58 -1.27 0.00	33.22 -1.01 0.00	37.87 -1.16 0.00	30.64 -0.97 0.00	28.59 -0.98 0.00	28.13 -0.96 0.00	30.42 -1.01 0.00	37.94 -1.21 0.00	59.01 -1.84 0.00	58.37 -1.75 0.00	58.79 -1.81 0.00	46.18 -1.45 0.00	40.52 -1.31 0.00	32.95 -1.00 0.00

OUTOKUMPU-AB___DRP 24206	26.48 -1.73 0.00	23.99 -1.34 0.00	12.48 -0.72 0.00	15.35 -0.92 0.00	19.58 -1.01 0.00	25.21 -1.37 0.00	27.09 -1.95 0.00	28.63 -2.46 0.00	34.81 -2.88 0.00	34.65 -2.65 0.00	38.13 -2.72 0.00	32.21 -2.03 0.00	36.75 -2.28 0.00	29.29 -2.32 0.00	27.36 -2.21 0.00	27.04 -2.04 0.00	29.38 -2.04 0.00	36.61 -2.54 0.00	56.98 -3.87 0.00	56.82 -3.30 0.00	56.80 -3.80 0.00	44.58 -3.05 0.00	39.19 -2.64 0.00	31.71 -2.24 0.00
OXBOW___BTM 323836	26.16 -2.04 0.00	23.69 -1.63 0.00	12.34 -0.87 0.00	15.17 -1.10 0.00	19.35 -1.24 0.00	24.91 -1.66 0.00	26.75 -2.29 0.00	28.25 -2.84 0.00	34.35 -3.34 0.00	34.17 -3.12 0.00	37.60 -3.24 0.00	31.82 -2.42 0.00	36.33 -2.70 0.00	28.91 -2.70 0.00	26.99 -2.58 0.00	26.66 -2.43 0.00	28.97 -2.46 0.00	36.05 -3.10 0.00	56.17 -4.68 0.00	55.99 -4.13 0.00	55.98 -4.63 0.00	43.96 -3.68 0.00	38.67 -3.17 0.00	31.32 -2.64 0.00
OXBOW___ 24026	26.17 -2.04 0.00	23.70 -1.63 0.00	12.34 -0.87 0.00	15.17 -1.10 0.00	19.35 -1.24 0.00	24.91 -1.66 0.00	26.75 -2.29 0.00	28.26 -2.84 0.00	34.35 -3.33 0.00	34.18 -3.11 0.00	37.62 -3.23 0.00	31.82 -2.42 0.00	36.30 -2.73 0.00	28.89 -2.72 0.00	26.99 -2.58 0.00	26.66 -2.43 0.00	28.97 -2.45 0.00	36.08 -3.06 0.00	56.18 -4.68 0.00	56.00 -4.12 0.00	55.97 -4.62 0.00	43.96 -3.68 0.00	38.67 -3.16 0.00	31.32 -2.63 0.00
OXY_CHEM_DSASP 323612	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.44 -2.59 0.00	27.91 -3.18 0.00	33.93 -3.76 0.00	33.74 -3.55 0.00	37.15 -3.70 0.00	31.42 -2.82 0.00	35.85 -3.18 0.00	28.51 -3.10 0.00	26.61 -2.96 0.00	26.25 -2.83 0.00	28.53 -2.89 0.00	35.51 -3.63 0.00	55.30 -5.55 0.00	55.12 -5.00 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
OZONE_PARK_ESR 323760	30.65 2.44 0.00	27.46 2.13 0.00	14.31 1.10 0.00	17.55 1.28 0.00	22.21 1.62 0.00	28.57 2.00 0.00	31.14 2.10 0.00	33.19 2.09 0.00	40.31 2.63 0.00	39.98 2.69 0.00	43.92 3.07 0.00	36.76 2.53 0.00	41.95 2.92 0.00	34.14 2.53 0.00	32.15 2.58 0.00	31.60 2.51 0.00	34.02 2.60 0.00	42.25 3.10 0.00	65.38 4.52 0.00	64.34 4.22 0.00	64.49 3.89 0.00	50.48 2.84 0.00	44.36 2.52 0.00	36.12 2.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.44 -2.59 0.00	27.91 -3.18 0.00	33.93 -3.76 0.00	33.74 -3.55 0.00	37.15 -3.70 0.00	31.42 -2.82 0.00	35.85 -3.18 0.00	28.51 -3.10 0.00	26.61 -2.96 0.00	26.25 -2.83 0.00	28.53 -2.89 0.00	35.51 -3.63 0.00	55.30 -5.55 0.00	55.12 -5.00 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
PACKARD___115KV_DUPONT_184 80571	25.88 -2.32 0.00	23.44 -1.89 0.00	12.21 -0.99 0.00	15.01 -1.26 0.00	19.15 -1.44 0.00	24.65 -1.92 0.00	26.44 -2.59 0.00	27.91 -3.18 0.00	33.93 -3.76 0.00	33.74 -3.55 0.00	37.15 -3.70 0.00	31.42 -2.82 0.00	35.85 -3.18 0.00	28.51 -3.10 0.00	26.61 -2.96 0.00	26.25 -2.83 0.00	28.53 -2.89 0.00	35.51 -3.63 0.00	55.30 -5.55 0.00	55.12 -5.00 0.00	55.11 -5.49 0.00	43.31 -4.32 0.00	38.14 -3.69 0.00	30.93 -3.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.42 2.22 0.00	27.21 1.88 0.00	14.19 0.98 0.00	17.41 1.15 0.00	22.04 1.46 0.00	28.39 1.82 0.00	30.89 1.85 0.00	32.90 1.81 0.00	39.98 2.30 0.00	39.60 2.30 0.00	43.47 2.62 0.00	36.34 2.10 0.00	41.48 2.45 0.00	33.77 2.16 0.00	31.83 2.26 0.00	31.26 2.17 0.00	33.62 2.20 0.00	41.76 2.62 0.00	64.55 3.70 0.00	63.58 3.46 0.00	63.75 3.15 0.00	49.96 2.32 0.00	43.93 2.10 0.00	35.77 1.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.11 2.91 0.00	27.85 2.52 0.00	14.53 1.32 0.00	17.84 1.57 0.00	22.60 2.01 0.00	29.14 2.57 0.00	31.73 2.69 0.00	33.81 2.71 0.00	41.00 3.32 0.00	40.62 3.33 0.00	44.54 3.70 0.00	37.21 2.97 0.00	42.48 3.45 0.00	34.56 2.95 0.00	32.57 3.00 0.00	32.01 2.92 0.00	34.43 3.00 0.00	42.73 3.59 0.00	65.98 5.13 0.00	65.04 4.92 0.00	65.22 4.62 0.00	51.11 3.48 0.00	44.93 3.10 0.00	36.58 2.63 0.00
PATROON___115KV_TB1 80586	29.19 0.98 0.00	26.19 0.86 0.00	13.66 0.46 0.00	16.84 0.57 0.00	21.27 0.68 0.00	27.39 0.81 0.00	29.83 0.80 0.00	31.64 0.55 0.00	38.26 0.58 0.00	37.76 0.47 0.00	41.13 0.29 0.00	34.55 0.31 0.00	39.36 0.32 0.00	31.99 0.38 0.00	30.08 0.51 0.00	29.61 0.52 0.00	31.85 0.42 0.00	39.71 0.56 0.00	61.66 0.81 0.00	60.70 0.58 0.00	61.26 0.66 0.00	48.23 0.59 0.00	42.37 0.54 0.00	34.35 0.40 0.00
PATTRSNVILLE___SOLAR 323815	29.21 1.00 0.00	26.22 0.89 0.00	13.68 0.47 0.00	16.85 0.58 0.00	21.31 0.73 0.00	27.49 0.92 0.00	30.02 0.99 0.00	32.05 0.96 0.00	38.80 1.13 0.00	38.29 1.00 0.00	41.77 0.93 0.00	34.66 0.42 0.00	39.43 0.40 0.00	31.98 0.37 0.00	30.04 0.47 0.00	29.60 0.51 0.00	31.85 0.42 0.00	39.84 0.69 0.00	62.43 1.58 0.00	61.79 1.67 0.00	62.46 1.86 0.00	49.13 1.50 0.00	43.12 1.29 0.00	34.92 0.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.04 -1.16 0.00	24.47 -0.86 0.00	12.73 -0.47 0.00	15.68 -0.59 0.00	19.97 -0.62 0.00	25.70 -0.87 0.00	27.71 -1.32 0.00	29.37 -1.72 0.00	35.70 -1.99 0.00	35.48 -1.81 0.00	39.00 -1.84 0.00	32.86 -1.38 0.00	37.51 -1.52 0.00	29.94 -1.66 0.00	27.96 -1.62 0.00	27.70 -1.39 0.00	30.11 -1.31 0.00	37.58 -1.57 0.00	58.46 -2.39 0.00	58.17 -1.94 0.00	58.10 -2.50 0.00	45.48 -2.15 0.00	39.94 -1.89 0.00	32.28 -1.68 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.28 2.08 0.00	27.14 1.81 0.00	14.14 0.94 0.00	17.39 1.11 0.00	22.00 1.41 0.00	28.29 1.71 0.00	30.83 1.79 0.00	32.87 1.78 0.00	39.91 2.23 0.00	39.56 2.27 0.00	43.39 2.55 0.00	36.33 2.09 0.00	41.46 2.42 0.00	33.72 2.11 0.00	31.66 2.09 0.00	31.15 2.06 0.00	33.58 2.16 0.00	41.81 2.66 0.00	64.81 3.96 0.00	63.81 3.69 0.00	64.01 3.41 0.00	50.13 2.49 0.00	44.02 2.18 0.00	35.78 1.83 0.00
PEEKSKILL___ 23653	30.11 1.90 0.00	26.98 1.65 0.00	14.07 0.86 0.00	17.28 1.01 0.00	21.87 1.28 0.00	28.09 1.52 0.00	30.60 1.56 0.00	32.61 1.52 0.00	39.60 1.92 0.00	39.26 1.97 0.00	43.08 2.23 0.00	36.07 1.83 0.00	41.16 2.13 0.00	33.49 1.88 0.00	31.48 1.90 0.00	30.96 1.87 0.00	33.35 1.93 0.00	41.48 2.33 0.00	64.26 3.41 0.00	63.23 3.12 0.00	63.43 2.83 0.00	49.66 2.03 0.00	43.66 1.83 0.00	35.51 1.56 0.00
PGE MADISON___WINDPWR 24146	29.71 1.50 0.00	26.78 1.45 0.00	13.94 0.74 0.00	17.26 0.99 0.00	21.89 1.30 0.00	28.44 1.87 0.00	31.08 2.05 0.00	33.16 2.07 0.00	40.20 2.52 0.00	39.77 2.48 0.00	43.37 2.53 0.00	35.80 1.56 0.00	40.81 1.78 0.00	32.95 1.34 0.00	30.84 1.27 0.00	30.55 1.46 0.00	33.29 1.87 0.00	41.97 2.82 0.00	65.30 4.44 0.00	65.05 4.93 0.00	65.67 5.07 0.00	51.30 3.67 0.00	44.85 3.02 0.00	35.93 1.98 0.00

PIERCEFIELD___HYD 23852	27.11 -1.09 0.00	24.33 -1.00 0.00	12.71 -0.49 0.00	15.65 -0.61 0.00	19.86 -0.73 0.00	25.81 -0.76 0.00	28.70 -0.33 0.00	31.01 -0.08 0.00	37.58 -0.10 0.00	37.14 -0.15 0.00	40.68 -0.17 0.00	34.11 -0.13 0.00	38.76 -0.27 0.00	31.22 -0.39 0.00	29.11 -0.47 0.00	28.61 -0.48 0.00	30.93 -0.49 0.00	38.31 -0.84 0.00	59.98 -0.87 0.00	59.71 -0.41 0.00	60.61 0.01 0.00	47.60 -0.03 0.00	41.96 0.13 0.00	33.91 -0.04 0.00
PINELAWN_CC_1 323563	57.96 2.86 -26.90	51.70 2.54 -23.84	39.14 1.33 -24.61	25.21 1.56 -7.38	40.58 1.99 -18.01	50.31 2.49 -21.25	47.56 2.61 -15.92	33.67 2.58 0.00	40.84 3.16 0.00	41.13 2.97 -0.87	52.16 3.20 -8.11	50.39 2.59 -13.56	45.37 2.90 -3.45	47.55 2.45 -13.50	40.55 2.36 -8.61	31.03 1.94 0.00	33.43 2.00 0.00	47.23 2.64 -5.45	73.52 3.75 -8.92	74.07 3.42 -10.53	76.11 3.16 -12.36	61.66 2.30 -11.73	47.99 2.52 -3.64	37.89 2.70 -1.23
PJM_GEN_HTTP_PROXY 323702	30.39 2.19 0.00	27.23 1.90 0.00	14.19 0.99 0.00	17.41 1.14 0.00	22.04 1.45 0.00	28.33 1.76 0.00	30.85 1.82 0.00	32.87 1.78 0.00	39.93 2.25 0.00	39.58 2.29 0.00	43.47 2.62 0.00	36.81 2.15 -0.42	41.52 2.49 0.00	33.80 2.20 0.00	31.82 2.25 0.00	31.27 2.19 0.00	33.66 2.24 0.00	41.81 2.66 0.00	64.67 3.82 0.00	63.64 3.52 0.00	63.77 3.17 0.00	49.93 2.30 0.00	43.89 2.06 0.00	35.78 1.83 0.00
PJM_GEN_KEystone 24065	28.48 0.28 0.00	25.64 0.32 0.00	13.36 0.16 0.00	16.44 0.18 0.00	20.85 0.26 0.00	26.78 0.21 0.00	29.05 0.02 0.00	30.92 -0.17 0.00	37.52 -0.16 0.00	37.25 -0.04 0.00	40.89 0.05 0.00	34.68 0.02 -0.42	39.10 0.07 0.00	31.59 -0.01 0.00	29.69 0.12 0.00	29.36 0.27 0.00	31.72 0.29 0.00	39.53 0.38 0.00	61.35 0.50 0.00	60.54 0.42 0.00	60.56 -0.03 0.00	47.36 -0.27 0.00	41.66 -0.18 0.00	33.81 -0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.99 2.55 -15.23	38.80 2.28 -11.19	25.50 1.19 -11.11	18.44 1.41 -0.77	28.76 1.78 -6.39	44.14 2.19 -15.38	42.42 2.26 -11.13	33.28 2.19 0.00	40.41 2.73 0.01	40.18 2.81 -0.08	42.70 3.17 1.32	42.59 2.57 -5.78	44.76 2.90 -2.82	45.23 2.49 -11.13	39.00 2.51 -6.91	31.31 2.22 0.00	33.70 2.27 0.00	42.04 2.89 0.00	65.04 4.18 0.00	63.97 3.85 0.00	64.18 3.58 0.00	50.25 2.62 0.00	45.27 2.49 -0.95	36.88 2.36 -0.56
PJM_GEN_VFT_PROXY 323633	30.33 2.13 0.00	27.15 1.83 0.00	14.16 0.95 0.00	17.34 1.07 0.00	21.96 1.37 0.00	28.22 1.65 0.00	30.74 1.70 0.00	32.13 1.64 0.61	39.01 2.11 0.78	38.44 2.19 1.03	42.84 2.56 0.58	36.74 2.08 -0.42	41.22 2.40 0.21	30.41 2.14 3.33	28.78 2.18 2.97	28.26 2.13 2.96	30.75 2.17 2.85	41.37 2.57 0.34	64.55 3.70 0.00	63.50 3.38 0.00	63.63 3.03 0.00	49.79 2.16 0.00	43.78 1.94 0.00	35.65 1.70 0.00
PLATSBURG_115KV_PMLD1 355749	28.18 -0.02 0.00	25.31 -0.01 0.00	13.21 0.01 0.00	16.26 -0.01 0.00	20.55 -0.03 0.00	26.62 0.05 0.00	29.50 0.47 0.00	31.81 0.72 0.00	38.58 0.90 0.00	38.12 0.83 0.00	41.80 0.95 0.00	35.13 0.89 0.00	40.05 1.02 0.00	32.42 0.81 0.00	30.34 0.77 0.00	29.84 0.75 0.00	32.28 0.86 0.00	40.21 1.06 0.00	62.54 1.68 0.00	61.94 1.82 0.00	62.76 2.16 0.00	49.39 1.75 0.00	43.27 1.44 0.00	34.96 1.01 0.00
PLEASANTVLY___LBMP 24000	29.91 1.71 0.00	26.82 1.50 0.00	13.99 0.78 0.00	17.19 0.92 0.00	21.75 1.16 0.00	27.95 1.37 0.00	30.41 1.37 0.00	32.41 1.32 0.00	39.34 1.66 0.00	38.97 1.68 0.00	42.73 1.89 0.00	35.78 1.55 0.00	40.82 1.79 0.00	33.20 1.59 0.00	31.21 1.64 0.00	30.69 1.60 0.00	33.06 1.63 0.00	41.12 1.97 0.00	63.71 2.86 0.00	62.70 2.58 0.00	62.95 2.35 0.00	49.35 1.72 0.00	43.38 1.55 0.00	35.28 1.33 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.20 2.00 0.00	27.07 1.75 0.00	14.12 0.91 0.00	17.33 1.06 0.00	21.94 1.35 0.00	28.20 1.62 0.00	30.71 1.67 0.00	32.73 1.63 0.00	39.74 2.06 0.00	39.39 2.09 0.00	43.22 2.37 0.00	36.21 1.97 0.00	41.30 2.27 0.00	33.60 1.99 0.00	31.59 2.02 0.00	31.06 1.98 0.00	33.45 2.03 0.00	41.59 2.45 0.00	64.41 3.56 0.00	63.39 3.27 0.00	63.58 2.97 0.00	49.81 2.18 0.00	43.78 1.95 0.00	35.62 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.20 2.00 0.00	27.07 1.75 0.00	14.12 0.91 0.00	17.33 1.06 0.00	21.94 1.35 0.00	28.20 1.62 0.00	30.71 1.67 0.00	32.73 1.63 0.00	39.74 2.06 0.00	39.39 2.09 0.00	43.22 2.37 0.00	36.21 1.97 0.00	41.30 2.27 0.00	33.60 1.99 0.00	31.59 2.02 0.00	31.06 1.98 0.00	33.45 2.03 0.00	41.59 2.45 0.00	64.41 3.56 0.00	63.39 3.27 0.00	63.58 2.97 0.00	49.81 2.18 0.00	43.78 1.95 0.00	35.62 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.10 1.90 0.00	27.00 1.67 0.00	14.07 0.87 0.00	17.30 1.03 0.00	21.89 1.30 0.00	28.14 1.57 0.00	30.64 1.60 0.00	32.68 1.58 0.00	39.66 1.98 0.00	39.28 1.99 0.00	43.06 2.21 0.00	36.08 1.84 0.00	41.16 2.13 0.00	33.47 1.86 0.00	31.42 1.85 0.00	30.89 1.80 0.00	33.29 1.87 0.00	41.47 2.32 0.00	64.34 3.49 0.00	63.36 3.24 0.00	63.64 3.04 0.00	49.88 2.25 0.00	43.80 1.97 0.00	35.58 1.63 0.00
POLETTI_____ 23519	30.35 2.15 0.00	27.19 1.86 0.00	14.17 0.96 0.00	17.39 1.12 0.00	22.01 1.42 0.00	28.30 1.72 0.00	30.82 1.79 0.00	32.81 1.72 0.00	39.85 2.17 0.00	39.50 2.21 0.00	43.39 2.54 0.00	36.34 2.10 0.00	41.46 2.42 0.00	33.76 2.16 0.00	31.80 2.22 0.00	31.26 2.17 0.00	33.62 2.19 0.00	41.73 2.59 0.00	64.55 3.70 0.00	63.52 3.40 0.00	63.66 3.06 0.00	49.83 2.20 0.00	43.81 1.98 0.00	35.71 1.75 0.00
POMONA___ESR 323819	30.10 1.89 0.00	26.96 1.64 0.00	14.06 0.85 0.00	17.27 1.00 0.00	21.86 1.27 0.00	28.09 1.51 0.00	30.58 1.54 0.00	32.61 1.51 0.00	39.60 1.92 0.00	39.26 1.98 0.00	43.10 2.25 0.00	36.09 1.85 0.00	41.19 2.15 0.00	33.51 1.90 0.00	31.50 1.92 0.00	30.98 1.89 0.00	33.38 1.96 0.00	41.53 2.39 0.00	64.36 3.51 0.00	63.33 3.22 0.00	63.51 2.91 0.00	49.71 2.07 0.00	43.68 1.85 0.00	35.52 1.56 0.00
PORT_JEFF_3 23555	50.68 3.03 -19.45	43.78 2.67 -15.78	30.61 1.39 -16.01	21.11 1.65 -3.19	33.31 2.10 -10.62	46.75 2.64 -17.54	44.70 2.76 -12.90	33.83 2.73 0.00	41.01 3.33 0.00	41.10 3.43 -0.38	46.77 3.72 -2.20	46.37 3.15 -8.98	46.02 3.51 -3.48	46.70 2.96 -12.12	43.41 2.95 -10.89	31.62 2.53 0.00	33.98 2.56 0.00	122.90 3.35 -80.40	197.42 4.87 -131.70	220.06 4.51 -155.44	247.29 4.31 -182.38	223.89 3.16 -173.11	82.62 3.04 -37.74	47.33 2.97 -10.41
PORT_JEFF_4 23616	50.68 3.03 -19.45	43.78 2.67 -15.78	30.61 1.39 -16.01	21.11 1.65 -3.19	33.31 2.10 -10.62	46.75 2.64 -17.54	44.70 2.76 -12.90	33.83 2.73 0.00	41.01 3.33 0.00	41.10 3.43 -0.38	46.77 3.72 -2.20	46.37 3.15 -8.98	46.02 3.51 -3.48	46.70 2.96 -12.12	43.41 2.95 -10.89	31.62 2.53 0.00	33.98 2.56 0.00	122.90 3.35 -80.40	197.42 4.87 -131.70	220.06 4.51 -155.44	247.29 4.31 -182.38	223.89 3.16 -173.11	82.62 3.04 -37.74	47.33 2.97 -10.41

PORT_JEFF_IC 23713	51.02 3.07 -19.75	44.14 2.72 -16.10	30.97 1.41 -16.36	21.30 1.68 -3.36	33.64 2.13 -10.92	46.95 2.69 -17.69	44.87 2.81 -13.03	33.88 2.79 0.00	41.07 3.40 0.00	41.18 3.50 -0.40	47.08 3.79 -2.45	46.74 3.22 -9.28	46.19 3.59 -3.56	46.85 3.03 -12.21	44.03 3.00 -11.46	31.62 2.53 0.00	33.98 2.56 0.00	135.25 3.37 -92.74	217.69 4.91 -151.92	243.98 4.56 -179.30	275.31 4.33 -210.38	250.50 3.19 -199.68	88.28 3.06 -43.38	48.91 3.04 -11.92
PPL PILGRIM_ST_GT1 24216	52.10 2.95 -20.94	45.37 2.64 -17.40	32.33 1.37 -17.75	21.95 1.63 -4.05	34.79 2.07 -12.13	47.49 2.60 -18.32	45.29 2.71 -13.55	33.76 2.67 0.00	40.92 3.24 0.00	41.08 3.31 -0.48	47.82 3.58 -3.39	46.78 3.02 -9.52	45.54 3.32 -3.19	46.68 2.81 -12.26	40.66 2.79 -8.30	31.48 2.40 0.00	33.79 2.37 0.00	58.66 3.03 -16.47	91.92 4.08 -26.99	95.74 3.77 -31.85	101.50 3.52 -37.37	85.67 2.57 -35.47	53.22 2.82 -8.57	39.35 2.81 -2.58
PPL PILGRIM_ST_GT2 24217	52.10 2.95 -20.94	45.37 2.64 -17.40	32.33 1.37 -17.75	21.95 1.63 -4.05	34.79 2.07 -12.13	47.49 2.60 -18.32	45.29 2.71 -13.55	33.76 2.67 0.00	40.92 3.24 0.00	41.08 3.31 -0.48	47.82 3.58 -3.39	46.78 3.02 -9.52	45.54 3.32 -3.19	46.68 2.81 -12.26	40.66 2.79 -8.30	31.48 2.40 0.00	33.79 2.37 0.00	58.66 3.03 -16.47	91.92 4.08 -26.99	95.74 3.77 -31.85	101.50 3.52 -37.37	85.67 2.57 -35.47	53.22 2.82 -8.57	39.35 2.81 -2.58
PPL_SHRM_GT3 24213	51.13 3.33 -19.60	44.14 2.87 -15.94	30.88 1.49 -16.19	21.31 1.77 -3.28	33.61 2.25 -10.77	47.06 2.86 -17.62	45.03 3.03 -12.97	34.17 3.07 0.00	41.40 3.73 0.00	41.54 3.87 -0.39	47.38 4.20 -2.32	46.93 3.60 -9.10	46.56 4.03 -3.50	47.14 3.38 -12.16	43.92 3.36 -10.99	32.06 2.97 0.00	34.47 3.05 0.00	125.56 4.04 -82.37	201.70 5.91 -134.93	224.96 5.58 -159.25	252.97 5.51 -186.85	229.05 4.06 -177.35	84.28 3.80 -38.65	48.09 3.49 -10.65
PPL_SHRM_GT4 24214	51.13 3.33 -19.60	44.14 2.87 -15.94	30.88 1.49 -16.19	21.31 1.77 -3.28	33.61 2.25 -10.77	47.06 2.86 -17.62	45.03 3.03 -12.97	34.17 3.07 0.00	41.40 3.73 0.00	41.54 3.87 -0.39	47.38 4.20 -2.32	46.93 3.60 -9.10	46.56 4.03 -3.50	47.14 3.38 -12.16	43.92 3.36 -10.99	32.06 2.97 0.00	34.47 3.05 0.00	125.56 4.04 -82.37	201.70 5.91 -134.93	224.96 5.58 -159.25	252.97 5.51 -186.85	229.05 4.06 -177.35	84.28 3.80 -38.65	48.09 3.49 -10.65
PROJECT___ORANGE 1 24174	28.06 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.07 0.00	16.19 -0.08 0.00	20.50 -0.09 0.00	26.43 -0.14 0.00	28.80 -0.24 0.00	30.78 -0.31 0.00	37.36 -0.33 0.00	37.00 -0.29 0.00	40.51 -0.33 0.00	33.82 -0.42 0.00	38.55 -0.48 0.00	31.20 -0.41 0.00	29.11 -0.46 0.00	28.65 -0.44 0.00	31.03 -0.39 0.00	38.73 -0.42 0.00	60.22 -0.63 0.00	59.57 -0.55 0.00	59.93 -0.67 0.00	47.01 -0.62 0.00	41.24 -0.59 0.00	33.49 -0.47 0.00
PROJECT___ORANGE 2 24166	28.06 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.07 0.00	16.19 -0.08 0.00	20.50 -0.09 0.00	26.43 -0.14 0.00	28.80 -0.24 0.00	30.78 -0.31 0.00	37.36 -0.33 0.00	37.00 -0.29 0.00	40.51 -0.33 0.00	33.82 -0.42 0.00	38.55 -0.48 0.00	31.20 -0.41 0.00	29.11 -0.46 0.00	28.65 -0.44 0.00	31.03 -0.39 0.00	38.73 -0.42 0.00	60.22 -0.63 0.00	59.57 -0.55 0.00	59.93 -0.67 0.00	47.01 -0.62 0.00	41.24 -0.59 0.00	33.49 -0.47 0.00
PUCKETT___SOLAR 323809	28.59 0.38 0.00	25.76 0.43 0.00	13.42 0.22 0.00	16.58 0.31 0.00	21.03 0.44 0.00	27.10 0.53 0.00	29.53 0.49 0.00	31.50 0.41 0.00	38.16 0.48 0.00	37.80 0.50 0.00	41.27 0.42 0.00	34.36 0.12 0.00	39.13 0.10 0.00	31.67 0.06 0.00	29.60 0.03 0.00	29.40 0.31 0.00	31.66 0.24 0.00	39.81 0.67 0.00	61.86 1.00 0.00	61.37 1.25 0.00	61.68 1.08 0.00	48.28 0.65 0.00	42.36 0.52 0.00	34.24 0.28 0.00
PYRITES___HYD 24023	27.82 -0.38 0.00	24.98 -0.34 0.00	13.04 -0.16 0.00	16.06 -0.21 0.00	20.34 -0.25 0.00	26.50 -0.08 0.00	29.49 0.45 0.00	31.86 0.76 0.00	38.56 0.88 0.00	38.04 0.75 0.00	41.51 0.66 0.00	34.70 0.47 0.00	39.42 0.39 0.00	31.72 0.12 0.00	29.62 0.05 0.00	29.05 -0.04 0.00	31.46 0.03 0.00	38.97 -0.18 0.00	61.38 0.53 0.00	61.37 1.25 0.00	62.42 1.82 0.00	49.00 1.37 0.00	43.14 1.31 0.00	34.84 0.89 0.00
QUAKERRD_115KV_BK1 80622	26.81 -1.39 0.00	24.15 -1.17 0.00	12.58 -0.62 0.00	15.49 -0.78 0.00	19.66 -0.92 0.00	25.39 -1.19 0.00	27.53 -1.51 0.00	29.31 -1.79 0.00	35.53 -2.15 0.00	35.22 -2.07 0.00	38.69 -2.15 0.00	32.45 -1.78 0.00	37.04 -1.99 0.00	29.80 -1.81 0.00	27.78 -1.79 0.00	27.40 -1.69 0.00	29.71 -1.71 0.00	37.02 -2.12 0.00	57.71 -3.14 0.00	57.29 -2.84 0.00	57.51 -3.09 0.00	45.11 -2.52 0.00	39.55 -2.29 0.00	32.08 -1.87 0.00
QUENSBRY_115KV_TB8 356137	29.80 1.59 0.00	26.65 1.32 0.00	13.91 0.71 0.00	17.15 0.88 0.00	21.66 1.07 0.00	28.00 1.43 0.00	30.86 1.83 0.00	33.15 2.05 0.00	39.91 2.22 0.00	39.21 1.92 0.00	42.58 1.73 0.00	35.37 1.13 0.00	40.33 1.30 0.00	32.93 1.32 0.00	30.88 1.31 0.00	30.47 1.39 0.00	33.07 1.65 0.00	41.00 1.86 0.00	64.02 3.17 0.00	63.32 3.20 0.00	64.22 3.62 0.00	50.59 2.96 0.00	44.28 2.45 0.00	35.56 1.61 0.00
RAMAPO___LBMP 323565	29.99 1.78 0.00	26.86 1.53 0.00	14.01 0.80 0.00	17.21 0.94 0.00	21.78 1.19 0.00	27.98 1.41 0.00	30.46 1.43 0.00	32.48 1.39 0.00	39.44 1.76 0.00	39.10 1.81 0.00	42.91 2.07 0.00	35.92 1.69 0.00	41.01 1.98 0.00	33.36 1.76 0.00	31.35 1.78 0.00	30.84 1.75 0.00	33.22 1.80 0.00	41.33 2.19 0.00	64.08 3.23 0.00	63.05 2.93 0.00	63.23 2.63 0.00	49.49 1.86 0.00	43.50 1.67 0.00	35.38 1.42 0.00
RANKINE____ 23646	26.81 -1.40 0.00	24.27 -1.06 0.00	12.63 -0.58 0.00	15.55 -0.72 0.00	19.82 -0.77 0.00	25.51 -1.07 0.00	27.46 -1.57 0.00	29.07 -2.02 0.00	35.33 -2.35 0.00	35.16 -2.14 0.00	38.67 -2.18 0.00	32.60 -1.63 0.00	37.24 -1.79 0.00	29.69 -1.91 0.00	27.75 -1.83 0.00	27.44 -1.65 0.00	29.82 -1.60 0.00	37.21 -1.94 0.00	57.89 -2.96 0.00	57.66 -2.46 0.00	57.60 -3.00 0.00	45.09 -2.54 0.00	39.59 -2.24 0.00	32.00 -1.96 0.00
RAVENSWOOD_GT2_1 24244	30.41 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.85 0.00	32.90 1.81 0.00	39.97 2.29 0.00	39.62 2.33 0.00	43.51 2.66 0.00	36.41 2.18 0.00	41.56 2.53 0.00	33.84 2.23 0.00	31.85 2.28 0.00	31.31 2.22 0.00	33.69 2.27 0.00	41.85 2.71 0.00	64.75 3.89 0.00	63.71 3.59 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT2_2 24245	30.41 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.85 0.00	32.90 1.81 0.00	39.97 2.29 0.00	39.62 2.33 0.00	43.51 2.66 0.00	36.41 2.18 0.00	41.56 2.53 0.00	33.84 2.23 0.00	31.85 2.28 0.00	31.31 2.22 0.00	33.69 2.27 0.00	41.85 2.71 0.00	64.75 3.89 0.00	63.71 3.59 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00

RAVENSWOOD_GT2_3 24246	30.41 2.21 0.00	27.25 1.92 0.00	14.20 1.00 0.00	17.43 1.16 0.00	22.07 1.48 0.00	28.37 1.80 0.00	30.90 1.86 0.00	32.91 1.82 0.00	39.99 2.31 0.00	39.64 2.35 0.00	43.53 2.69 0.00	36.44 2.20 0.00	41.58 2.55 0.00	33.85 2.24 0.00	31.87 2.29 0.00	31.32 2.24 0.00	33.70 2.28 0.00	41.89 2.74 0.00	64.79 3.93 0.00	63.74 3.62 0.00	63.89 3.29 0.00	50.01 2.38 0.00	43.98 2.15 0.00	35.82 1.87 0.00
RAVENSWOOD_GT2_4 24247	30.41 2.21 0.00	27.25 1.92 0.00	14.20 1.00 0.00	17.43 1.16 0.00	22.07 1.48 0.00	28.37 1.80 0.00	30.90 1.86 0.00	32.91 1.82 0.00	39.99 2.31 0.00	39.64 2.35 0.00	43.53 2.69 0.00	36.44 2.20 0.00	41.58 2.55 0.00	33.85 2.24 0.00	31.87 2.29 0.00	31.32 2.24 0.00	33.70 2.28 0.00	41.89 2.74 0.00	64.79 3.93 0.00	63.74 3.62 0.00	63.89 3.29 0.00	50.01 2.38 0.00	43.98 2.15 0.00	35.82 1.87 0.00
RAVENSWOOD_GT3_1 24248	30.41 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.85 0.00	32.90 1.81 0.00	39.98 2.29 0.00	39.62 2.33 0.00	43.51 2.66 0.00	36.41 2.18 0.00	41.56 2.53 0.00	33.84 2.23 0.00	31.86 2.28 0.00	31.31 2.22 0.00	33.69 2.27 0.00	41.85 2.71 0.00	64.75 3.89 0.00	63.72 3.60 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT3_2 24249	30.41 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.85 0.00	32.90 1.81 0.00	39.98 2.29 0.00	39.62 2.33 0.00	43.51 2.66 0.00	36.41 2.18 0.00	41.56 2.53 0.00	33.84 2.23 0.00	31.86 2.28 0.00	31.31 2.22 0.00	33.69 2.27 0.00	41.85 2.71 0.00	64.75 3.89 0.00	63.72 3.60 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT3_3 24250	30.44 2.24 0.00	27.27 1.95 0.00	14.22 1.01 0.00	17.45 1.18 0.00	22.09 1.50 0.00	28.39 1.82 0.00	30.93 1.89 0.00	32.95 1.85 0.00	40.04 2.35 0.00	39.68 2.39 0.00	43.59 2.74 0.00	36.48 2.25 0.00	41.63 2.60 0.00	33.89 2.28 0.00	31.90 2.33 0.00	31.36 2.27 0.00	33.75 2.33 0.00	41.93 2.78 0.00	64.86 4.00 0.00	63.82 3.70 0.00	63.98 3.37 0.00	50.08 2.44 0.00	44.02 2.19 0.00	35.86 1.91 0.00
RAVENSWOOD_GT3_4 24251	30.44 2.24 0.00	27.27 1.95 0.00	14.22 1.01 0.00	17.45 1.18 0.00	22.09 1.50 0.00	28.39 1.82 0.00	30.93 1.89 0.00	32.95 1.85 0.00	40.04 2.35 0.00	39.68 2.39 0.00	43.59 2.74 0.00	36.48 2.25 0.00	41.63 2.60 0.00	33.89 2.28 0.00	31.90 2.33 0.00	31.36 2.27 0.00	33.75 2.33 0.00	41.93 2.78 0.00	64.86 4.00 0.00	63.82 3.70 0.00	63.98 3.37 0.00	50.08 2.44 0.00	44.02 2.19 0.00	35.86 1.91 0.00
RAVENSWOOD_GT_1 23729	30.48 2.27 0.00	27.29 1.97 0.00	14.23 1.02 0.00	17.48 1.21 0.00	22.12 1.54 0.00	28.46 1.88 0.00	30.98 1.94 0.00	34.29 1.91 -1.28	41.74 2.43 -1.63	41.50 2.47 -1.74	49.36 2.80 -5.71	82.21 2.25 -45.72	42.09 2.62 -0.44	40.91 2.32 -6.98	38.20 2.39 -6.23	37.61 2.33 -6.20	39.78 2.39 -5.97	42.71 2.84 -0.72	64.90 4.04 0.00	63.86 3.74 0.00	63.99 3.38 0.00	50.11 2.48 0.00	44.07 2.24 0.00	35.90 1.94 0.00
RAVENSWOOD_GT_10 24258	30.40 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.84 0.00	33.04 1.80 -0.15	40.16 2.29 -0.19	39.82 2.33 -0.20	44.16 2.66 -0.66	41.69 2.18 -5.28	41.61 2.53 -0.05	34.64 2.23 -0.81	32.57 2.27 -0.72	32.02 2.22 -0.71	34.38 2.27 -0.69	41.94 2.71 -0.08	64.75 3.89 0.00	63.71 3.59 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_11 24259	30.40 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.84 0.00	33.04 1.80 -0.15	40.16 2.29 -0.19	39.82 2.33 -0.20	44.16 2.66 -0.66	41.69 2.18 -5.28	41.61 2.53 -0.05	34.64 2.23 -0.81	32.57 2.27 -0.72	32.02 2.22 -0.71	34.38 2.27 -0.69	41.94 2.71 -0.08	64.75 3.89 0.00	63.71 3.59 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_4 24252	30.39 2.19 0.00	27.23 1.91 0.00	14.20 0.99 0.00	17.42 1.15 0.00	22.04 1.46 0.00	28.35 1.78 0.00	30.87 1.84 0.00	33.86 1.79 -0.98	41.20 2.28 -1.24	40.93 2.32 -1.33	47.85 2.66 -4.35	71.23 2.18 -34.81	41.90 2.53 -0.34	39.15 2.23 -5.32	36.58 2.27 -4.74	36.02 2.21 -4.72	38.23 2.26 -4.55	42.39 2.70 -0.55	64.74 3.89 0.00	63.70 3.58 0.00	63.87 3.27 0.00	49.99 2.35 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_5 24254	30.39 2.19 0.00	27.23 1.91 0.00	14.20 0.99 0.00	17.42 1.15 0.00	22.04 1.46 0.00	28.35 1.78 0.00	30.87 1.84 0.00	33.86 1.79 -0.98	41.20 2.28 -1.24	40.93 2.32 -1.33	47.85 2.66 -4.35	71.23 2.18 -34.81	41.90 2.53 -0.34	39.15 2.23 -5.32	36.58 2.27 -4.74	36.02 2.21 -4.72	38.23 2.26 -4.55	42.39 2.70 -0.55	64.74 3.89 0.00	63.70 3.58 0.00	63.87 3.27 0.00	49.99 2.35 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_6 24253	30.39 2.19 0.00	27.23 1.91 0.00	14.20 0.99 0.00	17.42 1.15 0.00	22.04 1.46 0.00	28.35 1.78 0.00	30.87 1.84 0.00	33.86 1.79 -0.98	41.20 2.28 -1.24	40.93 2.32 -1.33	47.85 2.66 -4.35	71.23 2.18 -34.81	41.90 2.53 -0.34	39.15 2.23 -5.32	36.58 2.27 -4.74	36.02 2.21 -4.72	38.23 2.26 -4.55	42.39 2.70 -0.55	64.74 3.89 0.00	63.70 3.58 0.00	63.87 3.27 0.00	49.99 2.35 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_7 24255	30.39 2.19 0.00	27.23 1.91 0.00	14.20 0.99 0.00	17.42 1.15 0.00	22.04 1.46 0.00	28.35 1.78 0.00	30.87 1.84 0.00	33.86 1.79 -0.98	41.20 2.28 -1.24	40.93 2.32 -1.33	47.85 2.66 -4.35	71.23 2.18 -34.81	41.90 2.53 -0.34	39.15 2.23 -5.32	36.58 2.27 -4.74	36.02 2.21 -4.72	38.23 2.26 -4.55	42.39 2.70 -0.55	64.74 3.89 0.00	63.70 3.58 0.00	63.87 3.27 0.00	49.99 2.35 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.40 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.84 0.00	33.04 1.80 -0.15	40.16 2.29 -0.19	39.82 2.33 -0.20	44.16 2.66 -0.66	41.69 2.18 -5.28	41.61 2.53 -0.05	34.64 2.23 -0.81	32.57 2.27 -0.72	32.02 2.22 -0.71	34.38 2.27 -0.69	41.94 2.71 -0.08	64.75 3.89 0.00	63.71 3.59 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00
RAVENSWOOD_GT_9 24257	30.40 2.20 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.35 1.78 0.00	30.88 1.84 0.00	33.04 1.80 -0.15	40.16 2.29 -0.19	39.82 2.33 -0.20	44.16 2.66 -0.66	41.69 2.18 -5.28	41.61 2.53 -0.05	34.64 2.23 -0.81	32.57 2.27 -0.72	32.02 2.22 -0.71	34.38 2.27 -0.69	41.94 2.71 -0.08	64.75 3.89 0.00	63.71 3.59 0.00	63.87 3.27 0.00	50.00 2.36 0.00	43.95 2.12 0.00	35.81 1.85 0.00

RAVENSWOOD___1 23533	30.44 2.24 0.00	27.27 1.94 0.00	14.22 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.94 1.90 0.00	31.69 1.86 1.27	38.46 2.38 1.60	37.99 2.42 1.71	37.96 2.74 5.63	-8.58 2.20 45.02	41.14 2.54 0.44	26.99 2.26 6.88	25.78 2.34 6.13	25.26 2.28 6.10	27.88 2.34 5.88	41.23 2.79 0.71	64.80 3.95 0.00	63.79 3.67 0.00	63.90 3.31 0.00	50.04 2.41 0.00	44.01 2.18 0.00	35.85 1.89 0.00
RAVENSWOOD___2 23534	30.44 2.24 0.00	27.27 1.94 0.00	14.22 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.94 1.90 0.00	31.69 1.86 1.27	38.46 2.38 1.60	37.99 2.42 1.71	37.96 2.74 5.63	-8.58 2.20 45.02	41.14 2.54 0.44	26.99 2.26 6.88	25.78 2.34 6.13	25.26 2.28 6.10	27.88 2.34 5.88	41.23 2.79 0.71	64.80 3.95 0.00	63.79 3.67 0.00	63.90 3.31 0.00	50.04 2.41 0.00	44.01 2.18 0.00	35.85 1.89 0.00
RAVENSWOOD___3 23535	30.41 2.21 0.00	27.24 1.91 0.00	14.20 0.99 0.00	17.42 1.16 0.00	22.06 1.47 0.00	28.36 1.78 0.00	30.88 1.85 0.00	32.90 1.81 0.00	39.98 2.30 0.00	39.64 2.35 0.00	43.52 2.67 0.00	36.42 2.19 0.00	41.56 2.52 0.00	33.84 2.23 0.00	31.86 2.28 0.00	31.31 2.22 0.00	33.70 2.28 0.00	41.86 2.72 0.00	64.75 3.90 0.00	63.72 3.60 0.00	63.86 3.27 0.00	50.00 2.36 0.00	43.96 2.13 0.00	35.81 1.86 0.00
RAVENSWOOD___4 23820	30.44 2.24 0.00	27.27 1.94 0.00	14.22 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.94 1.90 0.00	31.69 1.86 1.27	38.46 2.38 1.60	37.99 2.42 1.71	37.96 2.74 5.63	-8.58 2.20 45.02	41.14 2.54 0.44	26.99 2.26 6.88	25.78 2.34 6.13	25.26 2.28 6.10	27.88 2.34 5.88	41.23 2.79 0.71	64.80 3.95 0.00	63.79 3.67 0.00	63.90 3.31 0.00	50.04 2.41 0.00	44.01 2.18 0.00	35.85 1.89 0.00
RCPL_TRUST___DRP 24196	30.39 2.19 0.00	27.23 1.90 0.00	14.19 0.99 0.00	17.41 1.14 0.00	22.04 1.45 0.00	28.33 1.76 0.00	30.85 1.82 0.00	32.86 1.77 0.00	39.93 2.25 0.00	39.57 2.28 0.00	43.47 2.61 0.00	36.38 2.15 0.00	41.53 2.49 0.00	33.80 2.20 0.00	31.82 2.25 0.00	31.27 2.19 0.00	33.65 2.23 0.00	41.81 2.66 0.00	64.67 3.82 0.00	63.64 3.52 0.00	63.78 3.18 0.00	49.93 2.30 0.00	43.89 2.06 0.00	35.78 1.83 0.00
RED___ROCHESTER 323720	27.41 -0.80 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.58 -1.26 0.00	33.24 -0.99 0.00	37.93 -1.10 0.00	30.48 -1.13 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.42 -1.00 0.00	37.88 -1.27 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.94 -1.66 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
REGAN___SOLAR 323812	29.52 1.32 0.00	26.52 1.20 0.00	13.84 0.63 0.00	17.05 0.78 0.00	21.59 1.00 0.00	27.91 1.34 0.00	30.57 1.54 0.00	32.62 1.53 0.00	39.49 1.81 0.00	38.90 1.61 0.00	42.30 1.46 0.00	34.38 0.14 0.00	39.16 0.13 0.00	31.65 0.04 0.00	29.97 0.40 0.00	29.18 0.09 0.00	31.31 -0.11 0.00	39.65 0.50 0.00	62.67 1.82 0.00	63.02 2.90 0.00	64.11 3.51 0.00	50.38 2.75 0.00	44.12 2.29 0.00	35.68 1.73 0.00
RENSSELAER___COGEN 23796	29.05 0.84 0.00	26.07 0.74 0.00	13.60 0.40 0.00	16.76 0.49 0.00	21.19 0.60 0.00	27.26 0.68 0.00	29.66 0.62 0.00	31.45 0.36 0.00	38.07 0.39 0.00	37.57 0.28 0.00	40.92 0.07 0.00	34.36 0.12 0.00	39.12 0.09 0.00	31.80 0.19 0.00	29.87 0.29 0.00	29.39 0.31 0.00	31.60 0.17 0.00	39.38 0.23 0.00	61.13 0.28 0.00	60.21 0.09 0.00	60.80 0.20 0.00	47.89 0.25 0.00	42.09 0.26 0.00	34.16 0.21 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.13 1.93 0.00	26.92 1.60 0.00	14.12 0.91 0.00	17.39 1.12 0.00	21.93 1.34 0.00	28.41 1.84 0.00	31.53 2.50 0.00	33.91 2.82 0.00	40.70 3.02 0.00	39.72 2.43 0.00	42.75 1.91 0.00	35.52 1.28 0.00	40.57 1.54 0.00	33.25 1.65 0.00	31.29 1.72 0.00	30.97 1.89 0.00	33.56 2.13 0.00	41.58 2.44 0.00	64.66 3.81 0.00	64.34 4.22 0.00	65.86 5.26 0.00	52.15 4.52 0.00	45.57 3.74 0.00	36.19 2.24 0.00
REVERE_CPPR_DRP 24186	28.86 0.65 0.00	25.89 0.56 0.00	13.53 0.33 0.00	16.69 0.42 0.00	21.14 0.55 0.00	27.40 0.83 0.00	30.02 0.99 0.00	32.11 1.02 0.00	38.95 1.27 0.00	38.58 1.29 0.00	42.19 1.34 0.00	35.21 0.97 0.00	40.05 1.02 0.00	32.31 0.71 0.00	30.14 0.57 0.00	29.57 0.48 0.00	32.15 0.73 0.00	40.30 1.16 0.00	62.99 2.14 0.00	62.48 2.36 0.00	63.06 2.46 0.00	49.48 1.85 0.00	43.34 1.51 0.00	35.01 1.06 0.00
REYNLDPA_13_KV_LD 356490	28.03 -0.17 0.00	25.17 -0.15 0.00	13.12 -0.09 0.00	16.15 -0.12 0.00	20.47 -0.12 0.00	26.53 -0.05 0.00	29.23 0.19 0.00	31.53 0.44 0.00	38.21 0.52 0.00	37.80 0.51 0.00	41.50 0.65 0.00	34.87 0.64 0.00	39.76 0.73 0.00	32.09 0.48 0.00	29.97 0.40 0.00	29.45 0.36 0.00	31.87 0.45 0.00	39.59 0.44 0.00	61.66 0.81 0.00	61.11 0.99 0.00	61.82 1.22 0.00	48.56 0.92 0.00	42.64 0.81 0.00	34.55 0.59 0.00
REYNOLDS_115KV_TB3 80639	29.18 0.98 0.00	26.19 0.86 0.00	13.67 0.46 0.00	16.84 0.58 0.00	21.29 0.70 0.00	27.38 0.81 0.00	29.81 0.77 0.00	31.66 0.56 0.00	38.31 0.63 0.00	37.84 0.55 0.00	41.17 0.33 0.00	34.53 0.29 0.00	39.31 0.27 0.00	31.97 0.36 0.00	30.05 0.47 0.00	29.58 0.49 0.00	31.81 0.38 0.00	39.61 0.47 0.00	61.51 0.66 0.00	60.56 0.45 0.00	61.20 0.60 0.00	48.23 0.60 0.00	42.38 0.55 0.00	34.36 0.40 0.00
RIVERBAY____ 323610	31.11 2.91 0.00	27.85 2.52 0.00	14.53 1.32 0.00	17.84 1.57 0.00	22.60 2.01 0.00	29.14 2.57 0.00	31.73 2.69 0.00	33.81 2.71 0.00	41.00 3.32 0.00	40.62 3.33 0.00	44.54 3.70 0.00	37.21 2.97 0.00	42.48 3.45 0.00	34.56 2.95 0.00	32.57 3.00 0.00	32.01 2.92 0.00	34.43 3.00 0.00	42.73 3.59 0.00	65.98 5.13 0.00	65.04 4.92 0.00	65.22 4.62 0.00	51.11 3.48 0.00	44.93 3.10 0.00	36.58 2.63 0.00
RIVERSDE_115KV_TB3 55908	29.14 0.94 0.00	26.15 0.82 0.00	13.65 0.44 0.00	16.82 0.55 0.00	21.25 0.66 0.00	27.35 0.77 0.00	29.76 0.73 0.00	31.58 0.49 0.00	38.23 0.55 0.00	37.76 0.46 0.00	41.09 0.25 0.00	34.49 0.25 0.00	39.27 0.24 0.00	31.93 0.32 0.00	30.00 0.43 0.00	29.53 0.44 0.00	31.75 0.32 0.00	39.56 0.42 0.00	61.44 0.58 0.00	60.49 0.38 0.00	61.09 0.49 0.00	48.12 0.49 0.00	42.29 0.46 0.00	34.29 0.33 0.00
ROARING___BROOK_WT_PWR 323790	27.69 -0.51 0.00	24.97 -0.36 0.00	13.05 -0.15 0.00	16.11 -0.16 0.00	20.42 -0.17 0.00	26.38 -0.19 0.00	28.96 -0.08 0.00	31.05 -0.04 0.00	37.64 -0.04 0.00	37.26 -0.03 0.00	40.85 0.00 0.00	34.26 0.02 0.00	39.04 0.01 0.00	31.60 -0.01 0.00	29.54 -0.04 0.00	29.01 -0.07 0.00	31.35 -0.07 0.00	39.02 -0.13 0.00	60.84 -0.02 0.00	60.17 0.05 0.00	60.72 0.12 0.00	47.72 0.09 0.00	41.90 0.07 0.00	33.97 0.02 0.00

ROCHESRG_115KV_T4 355643	27.13 -1.07 0.00	24.47 -0.86 0.00	12.74 -0.47 0.00	15.68 -0.59 0.00	19.93 -0.66 0.00	25.70 -0.87 0.00	27.83 -1.21 0.00	29.58 -1.51 0.00	35.88 -1.80 0.00	35.58 -1.71 0.00	39.11 -1.74 0.00	32.86 -1.38 0.00	37.49 -1.54 0.00	30.12 -1.49 0.00	28.09 -1.49 0.00	27.72 -1.37 0.00	30.05 -1.37 0.00	37.42 -1.73 0.00	58.35 -2.51 0.00	57.97 -2.15 0.00	58.15 -2.45 0.00	45.62 -2.01 0.00	40.02 -1.81 0.00	32.45 -1.50 0.00
ROCHESTER_9_IC 23652	27.28 -0.93 0.00	24.59 -0.73 0.00	12.80 -0.40 0.00	15.76 -0.51 0.00	20.03 -0.56 0.00	25.84 -0.73 0.00	27.99 -1.05 0.00	29.76 -1.33 0.00	36.09 -1.59 0.00	35.80 -1.50 0.00	39.37 -1.48 0.00	33.06 -1.17 0.00	37.72 -1.31 0.00	30.31 -1.30 0.00	28.27 -1.30 0.00	27.89 -1.19 0.00	30.24 -1.18 0.00	37.66 -1.49 0.00	58.75 -2.10 0.00	58.38 -1.74 0.00	58.56 -2.04 0.00	45.93 -1.71 0.00	40.27 -1.56 0.00	32.64 -1.31 0.00
ROCKVIEW_13_KV_LD 356306	30.36 2.15 0.00	27.21 1.88 0.00	14.18 0.98 0.00	17.41 1.14 0.00	22.04 1.45 0.00	28.32 1.75 0.00	30.87 1.84 0.00	32.89 1.79 0.00	39.94 2.26 0.00	39.60 2.31 0.00	43.47 2.62 0.00	36.40 2.16 0.00	41.52 2.49 0.00	33.80 2.19 0.00	31.79 2.22 0.00	31.25 2.16 0.00	33.64 2.22 0.00	41.82 2.68 0.00	64.76 3.90 0.00	63.70 3.58 0.00	63.90 3.30 0.00	50.03 2.39 0.00	43.98 2.15 0.00	35.80 1.85 0.00
ROME____115KV_TB2 80656	28.86 0.65 0.00	25.89 0.56 0.00	13.53 0.33 0.00	16.69 0.42 0.00	21.14 0.55 0.00	27.40 0.83 0.00	30.02 0.99 0.00	32.11 1.02 0.00	38.95 1.27 0.00	38.58 1.29 0.00	42.19 1.34 0.00	35.21 0.97 0.00	40.05 1.02 0.00	32.31 0.71 0.00	30.14 0.57 0.00	29.57 0.48 0.00	32.15 0.73 0.00	40.30 1.16 0.00	62.99 2.14 0.00	62.48 2.36 0.00	63.06 2.46 0.00	49.48 1.85 0.00	43.34 1.51 0.00	35.01 1.06 0.00
ROSETON___1 23587	29.93 1.73 0.00	26.83 1.51 0.00	13.99 0.79 0.00	17.19 0.92 0.00	21.76 1.17 0.00	27.96 1.39 0.00	30.44 1.40 0.00	32.44 1.35 0.00	39.38 1.70 0.00	39.03 1.74 0.00	42.80 1.96 0.00	35.84 1.61 0.00	40.89 1.86 0.00	33.25 1.65 0.00	31.25 1.67 0.00	30.73 1.64 0.00	33.11 1.69 0.00	41.19 2.04 0.00	63.83 2.98 0.00	62.83 2.71 0.00	63.06 2.46 0.00	49.41 1.78 0.00	43.44 1.61 0.00	35.34 1.38 0.00
ROSETON___2 23588	29.93 1.73 0.00	26.83 1.51 0.00	13.99 0.79 0.00	17.19 0.92 0.00	21.76 1.17 0.00	27.96 1.39 0.00	30.44 1.40 0.00	32.44 1.35 0.00	39.38 1.70 0.00	39.03 1.74 0.00	42.80 1.96 0.00	35.84 1.61 0.00	40.89 1.86 0.00	33.25 1.65 0.00	31.25 1.67 0.00	30.73 1.64 0.00	33.11 1.69 0.00	41.19 2.04 0.00	63.83 2.98 0.00	62.83 2.71 0.00	63.06 2.46 0.00	49.41 1.78 0.00	43.44 1.61 0.00	35.34 1.38 0.00
ROTRRDAM_115KV_TB3 80664	29.15 0.94 0.00	26.16 0.83 0.00	13.64 0.44 0.00	16.81 0.54 0.00	21.25 0.66 0.00	27.38 0.81 0.00	29.88 0.84 0.00	31.89 0.80 0.00	38.62 0.93 0.00	38.14 0.85 0.00	41.64 0.80 0.00	34.74 0.51 0.00	39.57 0.54 0.00	32.12 0.51 0.00	30.14 0.57 0.00	29.67 0.58 0.00	31.99 0.57 0.00	39.91 0.76 0.00	62.17 1.32 0.00	61.36 1.24 0.00	61.93 1.33 0.00	48.72 1.09 0.00	42.80 0.97 0.00	34.68 0.72 0.00
RUSSELL___1 23602	27.41 -0.79 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.59 -1.26 0.00	33.24 -1.00 0.00	37.92 -1.11 0.00	30.47 -1.14 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.43 -0.99 0.00	37.89 -1.25 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.93 -1.67 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
RUSSELL___2 23532	27.41 -0.79 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.59 -1.26 0.00	33.24 -1.00 0.00	37.92 -1.11 0.00	30.47 -1.14 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.43 -0.99 0.00	37.89 -1.25 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.93 -1.67 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
RUSSELL___3 23549	27.41 -0.79 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.59 -1.26 0.00	33.24 -1.00 0.00	37.92 -1.11 0.00	30.47 -1.14 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.43 -0.99 0.00	37.89 -1.25 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.93 -1.67 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
RUSSELL___4 23556	27.41 -0.79 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.59 -1.26 0.00	33.24 -1.00 0.00	37.92 -1.11 0.00	30.47 -1.14 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.43 -0.99 0.00	37.89 -1.25 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.93 -1.67 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
RUSSELL___STATION 23914	27.41 -0.79 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.59 -1.26 0.00	33.24 -1.00 0.00	37.92 -1.11 0.00	30.47 -1.14 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.43 -0.99 0.00	37.89 -1.25 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.93 -1.67 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
S SALMON___HYD 24043	27.70 -0.50 0.00	24.87 -0.46 0.00	13.02 -0.18 0.00	16.06 -0.21 0.00	20.32 -0.27 0.00	26.24 -0.33 0.00	28.72 -0.31 0.00	30.68 -0.41 0.00	37.21 -0.47 0.00	36.87 -0.42 0.00	40.44 -0.40 0.00	33.78 -0.46 0.00	38.43 -0.60 0.00	31.01 -0.60 0.00	28.78 -0.79 0.00	28.25 -0.83 0.00	30.63 -0.80 0.00	38.26 -0.89 0.00	59.89 -0.96 0.00	59.46 -0.66 0.00	60.09 -0.51 0.00	47.18 -0.45 0.00	41.47 -0.36 0.00	33.59 -0.37 0.00
S.PERRY__115KV_TB1 80734	28.12 -0.09 0.00	25.33 0.01 0.00	13.17 -0.03 0.00	16.25 -0.02 0.00	20.68 0.09 0.00	26.71 0.14 0.00	29.02 -0.02 0.00	30.72 -0.38 0.00	36.72 -0.96 0.00	36.46 -0.83 0.00	40.07 -0.78 0.00	33.46 -0.78 0.00	38.24 -0.79 0.00	30.66 -0.95 0.00	28.56 -1.01 0.00	28.15 -0.94 0.00	30.20 -1.22 0.00	37.73 -1.42 0.00	58.38 -2.47 0.00	58.62 -1.49 0.00	59.09 -1.51 0.00	46.34 -1.30 0.00	41.44 -0.39 0.00	33.56 -0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.48 -1.73 0.00	23.97 -1.36 0.00	12.48 -0.72 0.00	15.36 -0.91 0.00	19.58 -1.01 0.00	25.20 -1.37 0.00	27.09 -1.94 0.00	28.67 -2.43 0.00	34.85 -2.83 0.00	34.66 -2.63 0.00	38.14 -2.71 0.00	32.20 -2.04 0.00	36.76 -2.28 0.00	29.29 -2.32 0.00	27.34 -2.23 0.00	27.00 -2.08 0.00	29.34 -2.09 0.00	36.56 -2.58 0.00	56.95 -3.90 0.00	56.71 -3.41 0.00	56.69 -3.91 0.00	44.45 -3.18 0.00	39.06 -2.77 0.00	31.62 -2.34 0.00

SAWYER___23_KV_LOAD 55526	26.48 -1.73 0.00	23.97 -1.36 0.00	12.48 -0.72 0.00	15.36 -0.91 0.00	19.58 -1.01 0.00	25.20 -1.37 0.00	27.09 -1.94 0.00	28.67 -2.43 0.00	34.85 -2.83 0.00	34.66 -2.63 0.00	38.14 -2.71 0.00	32.20 -2.04 0.00	36.76 -2.28 0.00	29.29 -2.32 0.00	27.34 -2.23 0.00	27.00 -2.08 0.00	29.34 -2.09 0.00	36.56 -2.58 0.00	56.95 -3.90 0.00	56.71 -3.41 0.00	56.69 -3.91 0.00	44.45 -3.18 0.00	39.06 -2.77 0.00	31.62 -2.34 0.00
SELKIRK___I 23801	29.11 0.90 0.00	26.14 0.81 0.00	13.64 0.44 0.00	16.82 0.55 0.00	21.27 0.68 0.00	27.37 0.80 0.00	29.79 0.76 0.00	31.64 0.55 0.00	38.28 0.60 0.00	37.71 0.42 0.00	41.11 0.26 0.00	34.43 0.19 0.00	39.18 0.15 0.00	31.75 0.14 0.00	29.77 0.20 0.00	29.27 0.19 0.00	31.60 0.17 0.00	39.37 0.23 0.00	61.34 0.49 0.00	60.61 0.49 0.00	61.21 0.61 0.00	48.23 0.60 0.00	42.39 0.56 0.00	34.39 0.44 0.00
SELKIRK___II 23799	29.05 0.85 0.00	26.07 0.75 0.00	13.60 0.40 0.00	16.77 0.51 0.00	21.20 0.61 0.00	27.27 0.70 0.00	29.68 0.65 0.00	31.54 0.45 0.00	38.21 0.53 0.00	37.73 0.44 0.00	41.14 0.30 0.00	34.49 0.26 0.00	39.29 0.26 0.00	31.91 0.31 0.00	29.94 0.37 0.00	29.47 0.38 0.00	31.71 0.29 0.00	39.53 0.38 0.00	61.39 0.54 0.00	60.52 0.40 0.00	61.04 0.43 0.00	48.06 0.43 0.00	42.25 0.42 0.00	34.30 0.34 0.00
SENECA OSWGO___HYD 24041	27.66 -0.54 0.00	24.87 -0.46 0.00	12.96 -0.25 0.00	15.97 -0.29 0.00	20.22 -0.37 0.00	26.08 -0.49 0.00	28.39 -0.65 0.00	30.28 -0.81 0.00	36.72 -0.96 0.00	36.36 -0.93 0.00	39.82 -1.03 0.00	33.33 -0.90 0.00	37.94 -1.09 0.00	30.71 -0.90 0.00	28.59 -0.98 0.00	28.15 -0.94 0.00	30.47 -0.96 0.00	38.03 -1.12 0.00	59.28 -1.58 0.00	58.64 -1.48 0.00	59.06 -1.55 0.00	46.36 -1.27 0.00	40.65 -1.18 0.00	33.03 -0.92 0.00
SENECA___115KV_TB3 355854	26.85 -1.35 0.00	24.30 -1.03 0.00	12.65 -0.56 0.00	15.58 -0.69 0.00	19.84 -0.75 0.00	25.54 -1.03 0.00	27.50 -1.54 0.00	29.11 -1.98 0.00	35.38 -2.30 0.00	35.21 -2.08 0.00	38.73 -2.12 0.00	32.67 -1.57 0.00	37.30 -1.74 0.00	29.74 -1.87 0.00	27.79 -1.78 0.00	27.48 -1.61 0.00	29.87 -1.55 0.00	37.28 -1.87 0.00	58.01 -2.84 0.00	57.76 -2.36 0.00	57.70 -2.90 0.00	45.18 -2.45 0.00	39.66 -2.17 0.00	32.05 -1.91 0.00
SENECA___ENERGY 23797	27.76 -0.44 0.00	24.93 -0.39 0.00	13.00 -0.20 0.00	16.03 -0.24 0.00	20.32 -0.26 0.00	26.21 -0.36 0.00	28.64 -0.40 0.00	30.75 -0.34 0.00	37.29 -0.39 0.00	36.95 -0.34 0.00	40.44 -0.41 0.00	33.39 -0.84 0.00	38.16 -0.87 0.00	30.77 -0.84 0.00	28.72 -0.85 0.00	28.35 -0.74 0.00	30.77 -0.65 0.00	38.39 -0.76 0.00	59.60 -1.25 0.00	59.11 -1.01 0.00	59.42 -1.18 0.00	46.58 -1.05 0.00	40.87 -0.96 0.00	33.11 -0.84 0.00
SHOEMAKER___GT 23640	29.73 1.53 0.00	26.65 1.32 0.00	13.90 0.69 0.00	17.09 0.82 0.00	21.62 1.04 0.00	27.80 1.23 0.00	30.27 1.23 0.00	32.27 1.18 0.00	39.17 1.49 0.00	38.79 1.50 0.00	42.53 1.68 0.00	35.60 1.37 0.00	40.57 1.53 0.00	32.98 1.37 0.00	30.97 1.40 0.00	30.47 1.38 0.00	32.83 1.40 0.00	40.91 1.76 0.00	63.47 2.62 0.00	62.59 2.48 0.00	62.84 2.24 0.00	49.26 1.62 0.00	43.31 1.48 0.00	35.19 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	29.73 1.53 0.00	26.65 1.32 0.00	13.90 0.69 0.00	17.08 0.82 0.00	21.62 1.04 0.00	27.79 1.22 0.00	30.27 1.23 0.00	32.28 1.19 0.00	39.17 1.49 0.00	38.80 1.51 0.00	42.54 1.69 0.00	35.63 1.39 0.00	40.61 1.58 0.00	33.01 1.40 0.00	31.00 1.43 0.00	30.50 1.41 0.00	32.86 1.44 0.00	40.94 1.79 0.00	63.52 2.66 0.00	62.62 2.50 0.00	62.85 2.25 0.00	49.25 1.62 0.00	43.30 1.47 0.00	35.19 1.23 0.00
SHOREHAM_IC_1 23715	51.13 3.33 -19.60	44.14 2.87 -15.94	30.88 1.49 -16.19	21.31 1.77 -3.28	33.61 2.25 -10.77	47.06 2.86 -17.62	45.03 3.03 -12.97	34.17 3.07 0.00	41.40 3.73 0.00	41.54 3.87 -0.39	47.38 4.20 -2.32	46.93 3.60 -9.10	46.56 4.03 -3.50	47.14 3.38 -12.16	43.92 3.36 -10.99	32.06 2.97 0.00	34.47 3.05 0.00	125.56 4.04 -82.37	201.70 5.91 -134.93	224.96 5.58 -159.25	252.97 5.51 -186.85	229.05 4.06 -177.35	84.28 3.80 -38.65	48.09 3.49 -10.65
SHOREHAM_IC_2 23716	51.13 3.33 -19.60	44.14 2.87 -15.94	30.88 1.49 -16.19	21.31 1.77 -3.28	33.61 2.25 -10.77	47.06 2.86 -17.62	45.03 3.03 -12.97	34.16 3.07 0.00	41.41 3.73 0.00	41.54 3.87 -0.39	47.37 4.20 -2.32	46.92 3.59 -9.10	46.57 4.04 -3.50	47.14 3.38 -12.16	43.92 3.36 -10.99	32.05 2.97 0.00	34.47 3.05 0.00	125.56 4.04 -82.37	201.69 5.91 -134.93	224.96 5.59 -159.25	252.97 5.51 -186.85	229.05 4.06 -177.35	84.28 3.80 -38.65	48.09 3.49 -10.65
SISSONVILLE____ 23735	27.11 -1.09 0.00	24.33 -1.00 0.00	12.71 -0.49 0.00	15.65 -0.61 0.00	19.86 -0.73 0.00	25.81 -0.76 0.00	28.70 -0.33 0.00	31.01 -0.08 0.00	37.58 -0.10 0.00	37.14 -0.15 0.00	40.68 -0.17 0.00	34.11 -0.13 0.00	38.76 -0.27 0.00	31.22 -0.39 0.00	29.11 -0.47 0.00	28.61 -0.48 0.00	30.93 -0.49 0.00	38.31 -0.84 0.00	59.98 -0.87 0.00	59.71 -0.41 0.00	60.61 0.01 0.00	47.60 -0.03 0.00	41.96 0.13 0.00	33.91 -0.04 0.00
SITHE_IND_GS1 24169	27.44 -0.76 0.00	24.67 -0.66 0.00	12.86 -0.35 0.00	15.85 -0.42 0.00	20.05 -0.54 0.00	25.86 -0.72 0.00	28.12 -0.91 0.00	29.96 -1.14 0.00	36.31 -1.38 0.00	35.95 -1.34 0.00	39.38 -1.47 0.00	33.01 -1.22 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.17 0.00	27.92 -1.16 0.00	30.20 -1.22 0.00	37.66 -1.49 0.00	58.58 -2.28 0.00	57.95 -2.17 0.00	58.35 -2.25 0.00	45.83 -1.81 0.00	40.23 -1.61 0.00	32.74 -1.22 0.00
SITHE_IND_GS2 24170	27.44 -0.76 0.00	24.67 -0.66 0.00	12.86 -0.35 0.00	15.85 -0.42 0.00	20.05 -0.54 0.00	25.86 -0.72 0.00	28.12 -0.91 0.00	29.96 -1.14 0.00	36.31 -1.38 0.00	35.95 -1.34 0.00	39.38 -1.47 0.00	33.01 -1.22 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.17 0.00	27.92 -1.16 0.00	30.20 -1.22 0.00	37.66 -1.49 0.00	58.58 -2.28 0.00	57.95 -2.17 0.00	58.35 -2.25 0.00	45.83 -1.81 0.00	40.23 -1.61 0.00	32.74 -1.22 0.00
SITHE_IND_GS3 24171	27.44 -0.76 0.00	24.67 -0.66 0.00	12.86 -0.35 0.00	15.85 -0.42 0.00	20.05 -0.54 0.00	25.86 -0.72 0.00	28.12 -0.91 0.00	29.96 -1.14 0.00	36.31 -1.38 0.00	35.95 -1.34 0.00	39.38 -1.47 0.00	33.01 -1.22 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.17 0.00	27.92 -1.16 0.00	30.20 -1.22 0.00	37.66 -1.49 0.00	58.58 -2.28 0.00	57.95 -2.17 0.00	58.35 -2.25 0.00	45.83 -1.81 0.00	40.23 -1.61 0.00	32.74 -1.22 0.00
SITHE_IND_GS4 24172	27.44 -0.76 0.00	24.67 -0.66 0.00	12.86 -0.35 0.00	15.85 -0.42 0.00	20.05 -0.54 0.00	25.86 -0.72 0.00	28.12 -0.91 0.00	29.96 -1.14 0.00	36.31 -1.38 0.00	35.95 -1.34 0.00	39.38 -1.47 0.00	33.01 -1.22 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.17 0.00	27.92 -1.16 0.00	30.20 -1.22 0.00	37.66 -1.49 0.00	58.58 -2.28 0.00	57.95 -2.17 0.00	58.35 -2.25 0.00	45.83 -1.81 0.00	40.23 -1.61 0.00	32.74 -1.22 0.00

SITHE___BATAVIA 24024	27.21 -0.99 0.00	24.58 -0.75 0.00	12.80 -0.40 0.00	15.74 -0.53 0.00	20.08 -0.51 0.00	25.92 -0.65 0.00	28.00 -1.03 0.00	29.62 -1.47 0.00	35.74 -1.94 0.00	35.40 -1.89 0.00	38.90 -1.94 0.00	32.85 -1.39 0.00	37.47 -1.56 0.00	29.88 -1.72 0.00	27.93 -1.64 0.00	27.76 -1.33 0.00	30.11 -1.31 0.00	37.39 -1.75 0.00	58.59 -2.26 0.00	58.55 -1.57 0.00	58.84 -1.76 0.00	46.19 -1.44 0.00	40.48 -1.35 0.00	32.70 -1.25 0.00
SITHE___INDEPEND 23800	27.44 -0.76 0.00	24.67 -0.66 0.00	12.86 -0.35 0.00	15.85 -0.42 0.00	20.05 -0.54 0.00	25.86 -0.72 0.00	28.12 -0.91 0.00	29.96 -1.14 0.00	36.31 -1.38 0.00	35.95 -1.34 0.00	39.38 -1.46 0.00	33.01 -1.23 0.00	37.64 -1.40 0.00	30.45 -1.16 0.00	28.41 -1.17 0.00	27.93 -1.16 0.00	30.20 -1.22 0.00	37.66 -1.48 0.00	58.58 -2.28 0.00	57.95 -2.17 0.00	58.35 -2.25 0.00	45.83 -1.81 0.00	40.23 -1.61 0.00	32.75 -1.21 0.00
SITHE___MASSENA 23902	27.90 -0.31 0.00	25.05 -0.28 0.00	13.06 -0.14 0.00	16.08 -0.19 0.00	20.37 -0.22 0.00	26.43 -0.15 0.00	29.25 0.22 0.00	31.56 0.47 0.00	38.25 0.57 0.00	37.83 0.54 0.00	41.50 0.65 0.00	34.85 0.62 0.00	39.72 0.69 0.00	32.05 0.44 0.00	29.93 0.36 0.00	29.40 0.31 0.00	31.80 0.38 0.00	39.37 0.22 0.00	61.40 0.54 0.00	60.92 0.80 0.00	61.66 1.06 0.00	48.44 0.81 0.00	42.71 0.87 0.00	34.57 0.61 0.00
SITHE___OGDNSBRG 24021	28.00 -0.21 0.00	25.13 -0.19 0.00	13.11 -0.09 0.00	16.14 -0.13 0.00	20.44 -0.15 0.00	26.62 0.04 0.00	29.58 0.54 0.00	31.96 0.87 0.00	38.68 1.00 0.00	38.19 0.89 0.00	41.69 0.84 0.00	34.87 0.63 0.00	39.68 0.65 0.00	31.95 0.34 0.00	29.83 0.26 0.00	29.26 0.17 0.00	31.67 0.25 0.00	39.21 0.07 0.00	61.64 0.79 0.00	61.58 1.47 0.00	62.60 2.01 0.00	49.16 1.53 0.00	43.29 1.46 0.00	34.98 1.02 0.00
SITHE___STERLING 23777	28.74 0.54 0.00	25.80 0.48 0.00	13.47 0.26 0.00	16.61 0.34 0.00	21.02 0.44 0.00	27.20 0.63 0.00	29.75 0.71 0.00	31.81 0.72 0.00	38.58 0.90 0.00	38.19 0.90 0.00	41.77 0.93 0.00	34.87 0.64 0.00	39.67 0.64 0.00	32.06 0.46 0.00	29.91 0.34 0.00	29.38 0.29 0.00	31.91 0.49 0.00	39.94 0.80 0.00	62.29 1.44 0.00	61.73 1.61 0.00	62.27 1.67 0.00	48.88 1.25 0.00	42.82 0.99 0.00	34.64 0.69 0.00
SLEIGHT__34_KV_TB1 80719	27.42 -0.78 0.00	24.66 -0.67 0.00	12.85 -0.36 0.00	15.82 -0.44 0.00	20.09 -0.50 0.00	25.94 -0.63 0.00	28.24 -0.79 0.00	30.15 -0.94 0.00	36.58 -1.10 0.00	36.22 -1.07 0.00	39.72 -1.12 0.00	33.13 -1.11 0.00	37.81 -1.22 0.00	30.46 -1.15 0.00	28.40 -1.17 0.00	28.01 -1.08 0.00	30.40 -1.02 0.00	37.94 -1.20 0.00	59.09 -1.76 0.00	58.69 -1.43 0.00	58.95 -1.65 0.00	46.20 -1.43 0.00	40.48 -1.36 0.00	32.79 -1.17 0.00
SMITHTWN_69_KV_BK 1 55830	51.24 3.06 -19.98	44.40 2.71 -16.36	31.24 1.41 -16.63	21.43 1.67 -3.49	33.86 2.12 -11.15	47.05 2.67 -17.80	44.95 2.80 -13.12	33.87 2.77 0.00	41.05 3.38 0.00	41.18 3.48 -0.41	47.26 3.76 -2.66	47.17 3.21 -9.72	46.39 3.58 -3.77	46.96 3.01 -12.34	45.56 3.01 -12.98	31.66 2.58 0.00	34.02 2.60 0.00	169.97 3.43 -127.39	274.61 5.07 -208.69	311.12 4.70 -246.30	354.04 4.44 -288.99	325.21 3.28 -274.30	104.18 3.13 -59.22	53.15 3.03 -16.16
SOUTH CAIRO___GT 23612	30.00 1.80 0.00	26.90 1.58 0.00	14.03 0.83 0.00	17.30 1.03 0.00	21.86 1.27 0.00	28.21 1.64 0.00	30.82 1.78 0.00	32.80 1.70 0.00	39.63 1.95 0.00	38.98 1.69 0.00	42.23 1.38 0.00	35.22 0.98 0.00	40.01 0.98 0.00	32.45 0.84 0.00	30.32 0.75 0.00	29.82 0.73 0.00	31.95 0.53 0.00	40.29 1.15 0.00	63.39 2.54 0.00	63.06 2.94 0.00	63.91 3.31 0.00	50.30 2.66 0.00	44.06 2.23 0.00	35.59 1.64 0.00
SOUTH HAMPTN___IC 23720	51.14 3.44 -19.49	43.95 2.80 -15.83	30.72 1.45 -16.07	21.20 1.72 -3.22	33.47 2.21 -10.67	46.97 2.83 -17.57	44.99 3.03 -12.92	34.26 3.17 0.00	41.50 3.82 0.00	41.79 4.12 -0.38	47.63 4.55 -2.24	47.15 3.92 -9.00	46.92 4.41 -3.47	47.54 3.80 -12.13	44.19 3.79 -10.83	32.47 3.39 0.00	34.98 3.56 0.00	122.87 4.74 -78.98	197.06 6.82 -129.38	219.23 6.41 -152.70	246.32 6.55 -179.17	222.52 4.83 -170.06	83.40 4.47 -37.10	48.18 3.99 -10.24
SOUTHDOW_115KV_TB1 355954	27.55 -0.66 0.00	24.95 -0.37 0.00	13.02 -0.18 0.00	16.10 -0.17 0.00	20.48 -0.11 0.00	26.37 -0.20 0.00	28.60 -0.43 0.00	30.51 -0.58 0.00	37.12 -0.56 0.00	37.04 -0.25 0.00	40.76 -0.09 0.00	34.26 0.02 0.00	39.11 0.07 0.00	31.30 -0.30 0.00	29.25 -0.33 0.00	28.98 -0.11 0.00	31.40 -0.02 0.00	39.27 0.12 0.00	61.03 0.18 0.00	60.53 0.41 0.00	60.12 -0.48 0.00	46.64 -1.00 0.00	40.87 -0.97 0.00	32.82 -1.13 0.00
SOUTHOLD_69_KV_BK 2 55809	51.11 3.41 -19.50	43.70 2.54 -15.83	30.59 1.32 -16.07	21.04 1.55 -3.22	33.28 2.02 -10.67	46.77 2.63 -17.57	44.79 2.82 -12.92	34.17 3.07 0.00	41.35 3.67 0.00	41.81 4.14 -0.38	47.72 4.63 -2.24	47.28 4.04 -9.00	47.13 4.63 -3.47	47.83 4.09 -12.13	44.49 4.09 -10.83	32.79 3.70 0.00	35.35 3.93 0.00	123.44 5.29 -79.01	197.02 6.74 -129.43	219.04 6.17 -152.75	247.22 7.39 -179.23	223.20 5.45 -170.11	83.96 5.01 -37.11	48.60 4.40 -10.24
SOUTHOLD___IC 23719	51.11 3.41 -19.50	43.69 2.54 -15.83	30.59 1.32 -16.07	21.04 1.55 -3.22	33.28 2.02 -10.67	46.77 2.63 -17.57	44.79 2.82 -12.92	34.17 3.07 0.00	41.35 3.67 0.00	41.81 4.14 -0.38	47.73 4.64 -2.24	47.28 4.05 -9.00	47.13 4.62 -3.47	47.83 4.09 -12.13	44.49 4.09 -10.83	32.78 3.70 0.00	35.36 3.94 0.00	123.44 5.29 -79.01	197.03 6.75 -129.43	219.04 6.17 -152.75	247.22 7.38 -179.23	223.20 5.45 -170.11	83.96 5.02 -37.11	48.60 4.40 -10.24
SOUTH_FORK_WT_PWR 323839	50.89 3.19 -19.50	43.32 2.16 -15.83	30.39 1.12 -16.07	20.80 1.31 -3.22	32.99 1.72 -10.67	46.41 2.27 -17.57	44.40 2.44 -12.92	33.85 2.76 0.00	40.93 3.25 0.00	41.53 3.86 -0.38	47.48 4.39 -2.24	47.12 3.89 -9.00	47.02 4.51 -3.47	47.86 4.12 -12.13	44.56 4.16 -10.83	32.86 3.77 0.00	35.47 4.05 0.00	123.59 5.45 -79.00	197.77 7.51 -129.40	219.76 6.92 -152.72	247.41 7.62 -179.19	223.34 5.62 -170.09	84.12 5.19 -37.10	48.73 4.53 -10.24
SPIERFLS_115KV_TB 1 80737	29.67 1.47 0.00	26.55 1.23 0.00	13.86 0.66 0.00	17.08 0.81 0.00	21.58 0.99 0.00	27.89 1.32 0.00	30.72 1.68 0.00	32.97 1.87 0.00	39.72 2.04 0.00	39.07 1.77 0.00	42.47 1.62 0.00	35.27 1.03 0.00	40.22 1.19 0.00	32.81 1.21 0.00	30.77 1.19 0.00	30.35 1.26 0.00	32.91 1.49 0.00	40.82 1.68 0.00	63.73 2.88 0.00	63.02 2.90 0.00	63.83 3.23 0.00	50.26 2.63 0.00	44.01 2.18 0.00	35.39 1.43 0.00
ST LAWRENCE____ 23600	27.79 -0.41 0.00	24.96 -0.36 0.00	13.01 -0.19 0.00	16.01 -0.26 0.00	20.29 -0.30 0.00	26.28 -0.29 0.00	28.94 -0.10 0.00	31.21 0.11 0.00	37.82 0.14 0.00	37.42 0.13 0.00	41.08 0.23 0.00	34.50 0.26 0.00	39.34 0.31 0.00	31.77 0.16 0.00	29.68 0.11 0.00	29.16 0.07 0.00	31.55 0.13 0.00	39.21 0.07 0.00	61.06 0.21 0.00	60.48 0.36 0.00	61.14 0.55 0.00	48.05 0.42 0.00	42.19 0.36 0.00	34.19 0.24 0.00

STATE_CA_115KV_115_LB 55624	29.19 0.99 0.00	26.19 0.87 0.00	13.66 0.46 0.00	16.84 0.57 0.00	21.28 0.69 0.00	27.39 0.81 0.00	29.83 0.80 0.00	31.64 0.55 0.00	38.26 0.58 0.00	37.77 0.47 0.00	41.13 0.29 0.00	34.55 0.31 0.00	39.36 0.33 0.00	31.99 0.38 0.00	30.08 0.51 0.00	29.62 0.53 0.00	31.85 0.43 0.00	39.72 0.57 0.00	61.67 0.82 0.00	60.70 0.59 0.00	61.27 0.67 0.00	48.23 0.60 0.00	42.37 0.54 0.00	34.36 0.40 0.00
STATE_ST_34_KV_LOAD 55959	28.22 0.02 0.00	25.28 -0.05 0.00	13.20 0.00 0.00	16.28 0.01 0.00	20.63 0.04 0.00	26.63 0.05 0.00	29.13 0.09 0.00	31.30 0.21 0.00	38.05 0.37 0.00	37.66 0.37 0.00	41.19 0.34 0.00	33.82 -0.42 0.00	38.57 -0.46 0.00	31.16 -0.45 0.00	29.09 -0.48 0.00	28.69 -0.40 0.00	30.98 -0.44 0.00	38.88 -0.27 0.00	60.47 -0.38 0.00	59.94 -0.18 0.00	60.38 -0.22 0.00	47.37 -0.27 0.00	41.50 -0.33 0.00	33.67 -0.28 0.00
STATION_5_MISC_HYD 23604	27.27 -0.93 0.00	24.59 -0.74 0.00	12.80 -0.40 0.00	15.76 -0.51 0.00	20.03 -0.56 0.00	25.84 -0.73 0.00	27.99 -1.04 0.00	29.76 -1.33 0.00	36.09 -1.60 0.00	35.79 -1.50 0.00	39.36 -1.49 0.00	33.06 -1.17 0.00	37.74 -1.29 0.00	30.31 -1.30 0.00	28.27 -1.30 0.00	27.89 -1.19 0.00	30.24 -1.18 0.00	37.64 -1.50 0.00	58.75 -2.10 0.00	58.38 -1.74 0.00	58.56 -2.04 0.00	45.93 -1.70 0.00	40.27 -1.57 0.00	32.64 -1.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.53 -0.68 0.00	24.78 -0.55 0.00	12.90 -0.30 0.00	15.90 -0.37 0.00	20.18 -0.41 0.00	26.04 -0.53 0.00	28.33 -0.71 0.00	30.25 -0.85 0.00	36.66 -1.02 0.00	36.31 -0.98 0.00	39.84 -1.01 0.00	33.23 -1.01 0.00	37.94 -1.09 0.00	30.53 -1.07 0.00	28.48 -1.09 0.00	28.11 -0.98 0.00	30.52 -0.90 0.00	38.05 -1.09 0.00	59.22 -1.63 0.00	58.83 -1.29 0.00	59.08 -1.52 0.00	46.33 -1.30 0.00	40.63 -1.21 0.00	32.91 -1.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.16 -1.05 0.00	24.48 -0.85 0.00	12.74 -0.46 0.00	15.68 -0.59 0.00	19.94 -0.65 0.00	25.72 -0.85 0.00	27.88 -1.16 0.00	29.64 -1.45 0.00	35.97 -1.71 0.00	35.66 -1.63 0.00	39.22 -1.63 0.00	32.92 -1.32 0.00	37.57 -1.46 0.00	30.20 -1.41 0.00	28.16 -1.41 0.00	27.80 -1.29 0.00	30.14 -1.28 0.00	37.54 -1.61 0.00	58.53 -2.32 0.00	58.15 -1.97 0.00	58.34 -2.26 0.00	45.75 -1.88 0.00	40.11 -1.73 0.00	32.52 -1.44 0.00
STA_56___34_KV_BUS2 355983	27.16 -1.05 0.00	24.48 -0.85 0.00	12.74 -0.46 0.00	15.68 -0.59 0.00	19.94 -0.65 0.00	25.72 -0.85 0.00	27.88 -1.16 0.00	29.64 -1.45 0.00	35.97 -1.71 0.00	35.66 -1.63 0.00	39.22 -1.63 0.00	32.92 -1.32 0.00	37.57 -1.46 0.00	30.20 -1.41 0.00	28.16 -1.41 0.00	27.80 -1.29 0.00	30.14 -1.28 0.00	37.54 -1.61 0.00	58.53 -2.32 0.00	58.15 -1.97 0.00	58.34 -2.26 0.00	45.75 -1.88 0.00	40.11 -1.73 0.00	32.52 -1.44 0.00
STA_67___115KV_BK2 355882	27.21 -0.99 0.00	24.54 -0.79 0.00	12.78 -0.43 0.00	15.72 -0.55 0.00	19.99 -0.60 0.00	25.78 -0.79 0.00	27.93 -1.11 0.00	29.69 -1.40 0.00	36.01 -1.68 0.00	35.70 -1.59 0.00	39.27 -1.58 0.00	32.97 -1.26 0.00	37.63 -1.40 0.00	30.22 -1.39 0.00	28.19 -1.38 0.00	27.82 -1.27 0.00	30.16 -1.27 0.00	37.56 -1.59 0.00	58.57 -2.28 0.00	58.21 -1.91 0.00	58.39 -2.21 0.00	45.80 -1.83 0.00	40.18 -1.66 0.00	32.57 -1.39 0.00
STA_7___115KV_9TRANS 80674	27.41 -0.79 0.00	24.70 -0.62 0.00	12.86 -0.35 0.00	15.82 -0.45 0.00	20.11 -0.47 0.00	25.96 -0.61 0.00	28.12 -0.91 0.00	29.90 -1.19 0.00	36.27 -1.41 0.00	35.98 -1.31 0.00	39.59 -1.26 0.00	33.24 -1.00 0.00	37.92 -1.11 0.00	30.47 -1.14 0.00	28.42 -1.15 0.00	28.06 -1.03 0.00	30.43 -0.99 0.00	37.89 -1.25 0.00	59.13 -1.72 0.00	58.76 -1.36 0.00	58.93 -1.67 0.00	46.20 -1.43 0.00	40.50 -1.33 0.00	32.80 -1.15 0.00
STA_82___115KV_TB1 80780	27.21 -0.99 0.00	24.54 -0.79 0.00	12.78 -0.43 0.00	15.72 -0.55 0.00	19.99 -0.60 0.00	25.79 -0.79 0.00	27.93 -1.11 0.00	29.70 -1.39 0.00	36.01 -1.67 0.00	35.70 -1.59 0.00	39.27 -1.58 0.00	32.97 -1.26 0.00	37.63 -1.40 0.00	30.21 -1.39 0.00	28.19 -1.38 0.00	27.82 -1.27 0.00	30.17 -1.26 0.00	37.56 -1.59 0.00	58.58 -2.28 0.00	58.22 -1.90 0.00	58.41 -2.19 0.00	45.82 -1.81 0.00	40.19 -1.65 0.00	32.58 -1.38 0.00
STEEL___WIND 323596	26.83 -1.38 0.00	24.28 -1.05 0.00	12.64 -0.57 0.00	15.56 -0.71 0.00	19.83 -0.76 0.00	25.52 -1.05 0.00	27.48 -1.55 0.00	29.07 -2.02 0.00	35.34 -2.34 0.00	35.17 -2.13 0.00	38.67 -2.18 0.00	32.60 -1.63 0.00	37.28 -1.76 0.00	29.70 -1.91 0.00	27.76 -1.81 0.00	27.45 -1.64 0.00	29.83 -1.59 0.00	37.21 -1.94 0.00	57.94 -2.92 0.00	57.69 -2.43 0.00	57.66 -2.95 0.00	45.13 -2.50 0.00	39.62 -2.21 0.00	32.01 -1.94 0.00
STEPHTWN_115KV_BK_2 55603	29.37 1.17 0.00	26.33 1.00 0.00	13.73 0.53 0.00	16.98 0.71 0.00	21.40 0.81 0.00	27.56 0.99 0.00	30.13 1.09 0.00	31.86 0.76 0.00	38.57 0.89 0.00	38.03 0.74 0.00	41.52 0.67 0.00	34.84 0.60 0.00	39.63 0.60 0.00	32.24 0.63 0.00	30.24 0.67 0.00	29.82 0.73 0.00	32.05 0.63 0.00	40.04 0.89 0.00	62.23 1.38 0.00	61.29 1.17 0.00	61.72 1.12 0.00	48.54 0.90 0.00	42.59 0.75 0.00	34.55 0.60 0.00
STEUBEN_REC_LFGE 323667	27.89 -0.31 0.00	25.14 -0.19 0.00	13.06 -0.15 0.00	16.16 -0.11 0.00	20.56 -0.03 0.00	26.53 -0.04 0.00	28.80 -0.24 0.00	30.52 -0.57 0.00	36.84 -0.85 0.00	36.64 -0.65 0.00	40.31 -0.54 0.00	33.64 -0.60 0.00	38.33 -0.70 0.00	30.64 -0.97 0.00	28.70 -0.87 0.00	28.47 -0.62 0.00	31.04 -0.39 0.00	38.70 -0.45 0.00	60.14 -0.72 0.00	59.92 -0.20 0.00	59.96 -0.64 0.00	46.84 -0.79 0.00	41.10 -0.73 0.00	32.85 -1.10 0.00
STILLWATER___SOLAR 323814	29.61 1.40 0.00	26.54 1.21 0.00	13.85 0.65 0.00	17.07 0.80 0.00	21.57 0.98 0.00	27.82 1.25 0.00	30.51 1.47 0.00	32.66 1.57 0.00	39.41 1.73 0.00	38.80 1.51 0.00	42.27 1.42 0.00	35.19 0.95 0.00	40.09 1.06 0.00	32.62 1.02 0.00	30.64 1.07 0.00	30.18 1.10 0.00	32.62 1.20 0.00	40.50 1.36 0.00	63.23 2.38 0.00	62.38 2.26 0.00	63.08 2.48 0.00	49.64 2.01 0.00	43.55 1.72 0.00	35.18 1.23 0.00
STONY___BROOK 24151	51.13 3.09 -19.83	44.26 2.74 -16.19	31.08 1.42 -16.45	21.36 1.69 -3.40	33.74 2.15 -11.00	47.01 2.70 -17.73	44.93 2.83 -13.06	33.91 2.82 0.00	41.10 3.42 0.00	41.23 3.54 -0.40	47.19 3.82 -2.52	46.90 3.25 -9.41	46.27 3.63 -3.61	46.91 3.06 -12.24	44.44 3.04 -11.82	31.67 2.58 0.00	34.04 2.61 0.00	143.61 3.44 -101.02	231.38 5.04 -165.48	260.11 4.68 -195.30	294.21 4.45 -229.16	268.42 3.28 -217.50	92.14 3.14 -47.17	49.96 3.07 -12.93
STURGEON_POOL_HYD 23609	30.22 2.02 0.00	27.09 1.76 0.00	14.12 0.91 0.00	17.34 1.08 0.00	21.95 1.36 0.00	28.21 1.64 0.00	30.72 1.68 0.00	32.78 1.69 0.00	39.83 2.14 0.00	39.49 2.20 0.00	43.35 2.50 0.00	36.29 2.06 0.00	41.41 2.37 0.00	33.72 2.11 0.00	31.64 2.07 0.00	31.10 2.02 0.00	33.57 2.14 0.00	41.77 2.63 0.00	64.72 3.86 0.00	63.74 3.62 0.00	63.88 3.28 0.00	50.02 2.39 0.00	43.94 2.11 0.00	35.71 1.75 0.00

ST_LAW_115_BK7_LBMP 345037	27.74 -0.47 0.00	24.91 -0.42 0.00	12.99 -0.22 0.00	15.99 -0.28 0.00	20.25 -0.34 0.00	26.24 -0.33 0.00	28.94 -0.10 0.00	31.22 0.13 0.00	37.84 0.16 0.00	37.44 0.15 0.00	41.09 0.24 0.00	34.51 0.28 0.00	39.35 0.32 0.00	31.77 0.16 0.00	29.67 0.10 0.00	29.15 0.07 0.00	31.54 0.11 0.00	39.18 0.03 0.00	61.01 0.15 0.00	60.46 0.34 0.00	61.16 0.56 0.00	48.06 0.43 0.00	42.23 0.39 0.00	34.21 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	27.74 -0.47 0.00	24.91 -0.42 0.00	12.99 -0.22 0.00	15.99 -0.28 0.00	20.25 -0.34 0.00	26.24 -0.33 0.00	28.94 -0.10 0.00	31.22 0.13 0.00	37.84 0.16 0.00	37.44 0.15 0.00	41.09 0.24 0.00	34.51 0.28 0.00	39.35 0.32 0.00	31.77 0.16 0.00	29.67 0.10 0.00	29.15 0.07 0.00	31.54 0.11 0.00	39.18 0.03 0.00	61.01 0.15 0.00	60.46 0.34 0.00	61.16 0.56 0.00	48.06 0.43 0.00	42.23 0.39 0.00	34.21 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	27.79 -0.41 0.00	24.96 -0.36 0.00	13.01 -0.19 0.00	16.01 -0.26 0.00	20.29 -0.30 0.00	26.28 -0.29 0.00	28.94 -0.10 0.00	31.21 0.11 0.00	37.82 0.14 0.00	37.42 0.13 0.00	41.08 0.23 0.00	34.50 0.26 0.00	39.34 0.31 0.00	31.77 0.16 0.00	29.68 0.11 0.00	29.16 0.07 0.00	31.55 0.13 0.00	39.21 0.07 0.00	61.06 0.21 0.00	60.48 0.36 0.00	61.14 0.55 0.00	48.05 0.42 0.00	42.19 0.36 0.00	34.19 0.24 0.00
ST_LAW_230_BK6_LBMP 345036	27.79 -0.41 0.00	24.96 -0.36 0.00	13.01 -0.19 0.00	16.01 -0.26 0.00	20.29 -0.30 0.00	26.28 -0.29 0.00	28.94 -0.10 0.00	31.21 0.11 0.00	37.82 0.14 0.00	37.42 0.13 0.00	41.08 0.23 0.00	34.50 0.26 0.00	39.34 0.31 0.00	31.77 0.16 0.00	29.68 0.11 0.00	29.16 0.07 0.00	31.55 0.13 0.00	39.21 0.07 0.00	61.06 0.21 0.00	60.48 0.36 0.00	61.14 0.55 0.00	48.05 0.42 0.00	42.19 0.36 0.00	34.19 0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.88 1.68 0.00	26.78 1.45 0.00	13.96 0.76 0.00	17.16 0.89 0.00	21.72 1.13 0.00	27.91 1.34 0.00	30.40 1.37 0.00	32.43 1.33 0.00	39.37 1.69 0.00	39.02 1.73 0.00	42.81 1.96 0.00	35.84 1.60 0.00	40.90 1.86 0.00	33.26 1.65 0.00	31.25 1.67 0.00	30.74 1.65 0.00	33.13 1.71 0.00	41.25 2.11 0.00	63.96 3.11 0.00	62.97 2.85 0.00	63.17 2.57 0.00	49.46 1.83 0.00	43.46 1.63 0.00	35.32 1.37 0.00
SWANROAD_115KV_TB1 355699	25.79 -2.41 0.00	23.38 -1.95 0.00	12.18 -1.03 0.00	14.97 -1.30 0.00	19.17 -1.43 0.00	24.65 -1.92 0.00	26.50 -2.54 0.00	27.91 -3.19 0.00	33.92 -3.77 0.00	33.75 -3.54 0.00	37.05 -3.80 0.00	31.38 -2.86 0.00	35.75 -3.28 0.00	28.45 -3.16 0.00	26.59 -2.98 0.00	26.27 -2.82 0.00	28.55 -2.87 0.00	35.54 -3.60 0.00	55.34 -5.51 0.00	55.19 -4.93 0.00	55.22 -5.38 0.00	43.42 -4.21 0.00	38.23 -3.60 0.00	30.95 -3.00 0.00
SYNERGY___BIOGAS 323694	27.21 -0.99 0.00	24.58 -0.75 0.00	12.80 -0.40 0.00	15.74 -0.53 0.00	20.08 -0.51 0.00	25.92 -0.66 0.00	28.00 -1.04 0.00	29.62 -1.47 0.00	35.74 -1.94 0.00	35.40 -1.89 0.00	38.92 -1.93 0.00	32.84 -1.39 0.00	37.45 -1.58 0.00	29.88 -1.73 0.00	27.93 -1.65 0.00	27.76 -1.33 0.00	30.12 -1.31 0.00	37.42 -1.73 0.00	58.59 -2.26 0.00	58.55 -1.57 0.00	58.85 -1.75 0.00	46.19 -1.44 0.00	40.48 -1.35 0.00	32.70 -1.25 0.00
SYRACUSE___ENERGY_ST1 323597	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.12 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.38 0.09 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.54 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.98 -0.45 0.00	38.69 -0.45 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
SYRACUSE___ENERGY_ST2 323598	28.07 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.06 0.00	16.19 -0.08 0.00	20.51 -0.08 0.00	26.45 -0.12 0.00	28.91 -0.12 0.00	31.11 0.02 0.00	37.76 0.08 0.00	37.38 0.09 0.00	40.91 0.07 0.00	33.79 -0.45 0.00	38.50 -0.54 0.00	31.15 -0.46 0.00	29.07 -0.51 0.00	28.62 -0.47 0.00	30.98 -0.45 0.00	38.69 -0.45 0.00	60.20 -0.65 0.00	59.56 -0.56 0.00	59.98 -0.62 0.00	47.05 -0.58 0.00	41.26 -0.57 0.00	33.52 -0.44 0.00
SYRACUSE___POWER 24017	28.16 -0.04 0.00	25.30 -0.03 0.00	13.18 -0.02 0.00	16.24 -0.02 0.00	20.57 -0.02 0.00	26.53 -0.05 0.00	28.93 -0.11 0.00	30.96 -0.14 0.00	37.57 -0.11 0.00	37.20 -0.10 0.00	40.71 -0.14 0.00	33.92 -0.31 0.00	38.66 -0.37 0.00	31.29 -0.32 0.00	29.20 -0.38 0.00	28.74 -0.34 0.00	31.13 -0.29 0.00	38.89 -0.26 0.00	60.47 -0.38 0.00	59.84 -0.29 0.00	60.22 -0.38 0.00	47.24 -0.39 0.00	41.43 -0.40 0.00	33.62 -0.34 0.00
TALLMAN__138KV_BK151 55660	30.06 1.86 0.00	26.93 1.60 0.00	14.04 0.83 0.00	17.25 0.98 0.00	21.84 1.25 0.00	28.04 1.47 0.00	30.54 1.51 0.00	32.57 1.48 0.00	39.55 1.87 0.00	39.22 1.93 0.00	43.06 2.21 0.00	36.04 1.81 0.00	41.15 2.12 0.00	33.48 1.87 0.00	31.47 1.89 0.00	30.95 1.86 0.00	33.35 1.92 0.00	41.49 2.34 0.00	64.31 3.45 0.00	63.27 3.15 0.00	63.44 2.83 0.00	49.65 2.02 0.00	43.63 1.80 0.00	35.47 1.52 0.00
TEALLAVE_115KV_TB7 355573	28.04 -0.16 0.00	25.20 -0.13 0.00	13.13 -0.08 0.00	16.18 -0.09 0.00	20.49 -0.10 0.00	26.42 -0.15 0.00	28.79 -0.24 0.00	30.78 -0.31 0.00	37.35 -0.34 0.00	37.00 -0.29 0.00	40.51 -0.33 0.00	33.81 -0.42 0.00	38.53 -0.50 0.00	31.17 -0.44 0.00	29.08 -0.49 0.00	28.63 -0.46 0.00	31.02 -0.40 0.00	38.70 -0.45 0.00	60.18 -0.67 0.00	59.55 -0.57 0.00	59.93 -0.67 0.00	47.00 -0.63 0.00	41.23 -0.60 0.00	33.47 -0.48 0.00
TELGRAPH_34_KV_EAST 80808	26.57 -1.64 0.00	24.03 -1.30 0.00	12.51 -0.69 0.00	15.39 -0.88 0.00	19.65 -0.94 0.00	25.32 -1.25 0.00	27.28 -1.76 0.00	28.82 -2.27 0.00	34.95 -2.74 0.00	34.69 -2.60 0.00	38.13 -2.72 0.00	32.21 -2.03 0.00	36.73 -2.31 0.00	29.28 -2.33 0.00	27.34 -2.24 0.00	27.05 -2.04 0.00	29.39 -2.03 0.00	36.57 -2.58 0.00	57.07 -3.78 0.00	56.95 -3.17 0.00	57.11 -3.49 0.00	44.85 -2.79 0.00	39.40 -2.44 0.00	31.87 -2.09 0.00
TEMPLE___115KV_TB 2 55572	28.06 -0.14 0.00	25.21 -0.12 0.00	13.14 -0.07 0.00	16.19 -0.08 0.00	20.50 -0.09 0.00	26.43 -0.14 0.00	28.80 -0.24 0.00	30.78 -0.31 0.00	37.36 -0.33 0.00	37.00 -0.29 0.00	40.51 -0.33 0.00	33.82 -0.42 0.00	38.55 -0.48 0.00	31.20 -0.41 0.00	29.11 -0.46 0.00	28.65 -0.44 0.00	31.03 -0.39 0.00	38.73 -0.42 0.00	60.22 -0.63 0.00	59.57 -0.55 0.00	59.93 -0.67 0.00	47.01 -0.62 0.00	41.24 -0.59 0.00	33.49 -0.47 0.00
TIANA____69_KV_BK 1 55817	51.14 3.44 -19.50	44.01 2.85 -15.83	30.76 1.48 -16.07	21.24 1.76 -3.22	33.52 2.26 -10.67	47.03 2.88 -17.57	45.03 3.07 -12.92	34.27 3.18 0.00	41.53 3.86 0.00	41.76 4.09 -0.38	47.58 4.49 -2.24	47.09 3.86 -9.00	46.84 4.34 -3.47	47.44 3.70 -12.13	44.06 3.66 -10.83	32.36 3.27 0.00	34.84 3.42 0.00	122.70 4.55 -79.01	196.85 6.58 -129.42	219.05 6.18 -152.75	246.09 6.27 -179.22	222.36 4.62 -170.11	83.22 4.28 -37.11	48.05 3.85 -10.24

TILDEN___115KV_TB1 80814	28.16 -0.04 0.00	25.30 -0.03 0.00	13.18 -0.02 0.00	16.24 -0.02 0.00	20.57 -0.02 0.00	26.53 -0.05 0.00	28.93 -0.11 0.00	30.96 -0.14 0.00	37.57 -0.11 0.00	37.20 -0.10 0.00	40.71 -0.14 0.00	33.92 -0.31 0.00	38.66 -0.37 0.00	31.29 -0.32 0.00	29.20 -0.38 0.00	28.74 -0.34 0.00	31.13 -0.29 0.00	38.89 -0.26 0.00	60.47 -0.38 0.00	59.84 -0.29 0.00	60.22 -0.38 0.00	47.24 -0.39 0.00	41.43 -0.40 0.00	33.62 -0.34 0.00
TRIGEN___CC 323695	93.18 2.56 -62.42	89.60 2.26 -62.01	79.67 1.18 -65.29	44.63 1.39 -26.97	75.14 1.76 -52.78	67.16 2.19 -38.39	61.04 2.27 -29.73	33.29 2.20 0.00	40.48 2.77 -0.02	43.35 2.84 -3.22	79.93 3.22 -35.86	74.82 2.60 -37.99	47.38 2.95 -5.39	55.44 2.55 -21.28	45.34 2.55 -13.22	31.39 2.30 0.00	33.80 2.37 0.00	42.13 2.99 0.00	65.21 4.36 0.00	64.15 4.03 0.00	64.33 3.73 0.00	50.37 2.74 0.00	46.21 2.56 -1.81	36.88 2.36 -0.56
TRINITY___115KV__4 BK 55933	29.09 0.89 0.00	26.10 0.77 0.00	13.62 0.41 0.00	16.78 0.51 0.00	21.21 0.62 0.00	27.30 0.72 0.00	29.70 0.67 0.00	31.50 0.41 0.00	38.14 0.45 0.00	37.65 0.36 0.00	40.99 0.15 0.00	34.41 0.17 0.00	39.18 0.15 0.00	31.86 0.25 0.00	29.92 0.35 0.00	29.46 0.37 0.00	31.66 0.24 0.00	39.45 0.31 0.00	61.26 0.41 0.00	60.33 0.22 0.00	60.91 0.31 0.00	47.98 0.35 0.00	42.17 0.34 0.00	34.21 0.26 0.00
UNION___PROCESSING_DRP 323587	27.22 -0.98 0.00	24.55 -0.78 0.00	12.78 -0.43 0.00	15.73 -0.54 0.00	20.00 -0.59 0.00	25.80 -0.77 0.00	27.94 -1.10 0.00	29.71 -1.39 0.00	36.01 -1.67 0.00	35.71 -1.58 0.00	39.27 -1.58 0.00	32.98 -1.26 0.00	37.63 -1.40 0.00	30.23 -1.38 0.00	28.19 -1.38 0.00	27.83 -1.26 0.00	30.17 -1.25 0.00	37.57 -1.58 0.00	58.60 -2.26 0.00	58.23 -1.89 0.00	58.44 -2.16 0.00	45.84 -1.80 0.00	40.19 -1.64 0.00	32.59 -1.37 0.00
UPPER HUDSON___HYD 24058	29.67 1.47 0.00	26.55 1.23 0.00	13.86 0.66 0.00	17.08 0.81 0.00	21.58 0.99 0.00	27.89 1.32 0.00	30.72 1.68 0.00	32.97 1.88 0.00	39.72 2.04 0.00	39.07 1.77 0.00	42.47 1.62 0.00	35.27 1.03 0.00	40.22 1.19 0.00	32.81 1.21 0.00	30.77 1.19 0.00	30.35 1.26 0.00	32.91 1.49 0.00	40.83 1.68 0.00	63.73 2.88 0.00	63.02 2.90 0.00	63.82 3.22 0.00	50.26 2.63 0.00	44.01 2.18 0.00	35.39 1.43 0.00
UPPER RAQUET___HYD 24056	27.11 -1.09 0.00	24.33 -1.00 0.00	12.71 -0.49 0.00	15.65 -0.61 0.00	19.86 -0.73 0.00	25.81 -0.76 0.00	28.70 -0.33 0.00	31.01 -0.08 0.00	37.58 -0.10 0.00	37.14 -0.15 0.00	40.68 -0.16 0.00	34.11 -0.13 0.00	38.76 -0.28 0.00	31.22 -0.39 0.00	29.11 -0.47 0.00	28.61 -0.48 0.00	30.93 -0.49 0.00	38.31 -0.84 0.00	59.98 -0.87 0.00	59.71 -0.41 0.00	60.61 0.01 0.00	47.60 -0.03 0.00	41.96 0.13 0.00	33.91 -0.04 0.00
VALLEY44_115KV_TB2 355964	27.63 -0.58 0.00	25.04 -0.29 0.00	13.03 -0.17 0.00	16.06 -0.21 0.00	20.42 -0.17 0.00	26.26 -0.31 0.00	28.40 -0.64 0.00	30.18 -0.91 0.00	36.59 -1.10 0.00	36.34 -0.95 0.00	39.94 -0.90 0.00	33.36 -0.87 0.00	38.00 -1.03 0.00	30.47 -1.14 0.00	28.48 -1.09 0.00	28.27 -0.82 0.00	30.65 -0.77 0.00	38.32 -0.83 0.00	59.62 -1.23 0.00	58.97 -1.15 0.00	58.79 -1.80 0.00	45.91 -1.73 0.00	40.37 -1.46 0.00	32.69 -1.26 0.00
VALLEY___115KV_TB 1-4 80826	28.53 0.33 0.00	25.59 0.27 0.00	13.37 0.16 0.00	16.51 0.24 0.00	20.89 0.30 0.00	26.92 0.35 0.00	29.36 0.32 0.00	31.29 0.19 0.00	37.83 0.15 0.00	37.33 0.04 0.00	40.65 -0.20 0.00	33.78 -0.46 0.00	38.53 -0.51 0.00	31.27 -0.34 0.00	29.64 0.07 0.00	29.15 0.06 0.00	31.49 0.06 0.00	39.30 0.15 0.00	61.16 0.30 0.00	60.43 0.32 0.00	60.89 0.29 0.00	47.86 0.23 0.00	41.99 0.16 0.00	34.04 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.31 1.10 0.00	26.32 0.99 0.00	13.72 0.52 0.00	16.92 0.66 0.00	21.51 0.92 0.00	27.63 1.05 0.00	30.14 1.10 0.00	32.17 1.08 0.00	39.04 1.35 0.00	38.69 1.40 0.00	42.34 1.49 0.00	35.42 1.18 0.00	40.38 1.35 0.00	32.76 1.15 0.00	30.63 1.06 0.00	30.18 1.10 0.00	32.63 1.20 0.00	40.71 1.56 0.00	63.24 2.39 0.00	62.41 2.29 0.00	62.70 2.10 0.00	49.20 1.56 0.00	43.19 1.36 0.00	35.00 1.05 0.00
VISCHER___FERRY HYD 24020	29.33 1.13 0.00	26.30 0.98 0.00	13.73 0.53 0.00	16.92 0.65 0.00	21.38 0.79 0.00	27.54 0.96 0.00	30.03 1.00 0.00	32.02 0.93 0.00	38.72 1.04 0.00	38.19 0.89 0.00	41.54 0.69 0.00	34.71 0.48 0.00	39.53 0.50 0.00	32.16 0.55 0.00	30.21 0.64 0.00	29.76 0.67 0.00	32.07 0.64 0.00	39.97 0.82 0.00	62.25 1.40 0.00	61.32 1.20 0.00	62.05 1.45 0.00	48.92 1.29 0.00	42.95 1.12 0.00	34.74 0.78 0.00
V_A_10_SYNC_DSASP 323832	26.56 -1.64 0.00	24.02 -1.30 0.00	12.51 -0.69 0.00	15.39 -0.88 0.00	19.60 -0.99 0.00	25.25 -1.32 0.00	27.22 -1.82 0.00	28.83 -2.26 0.00	34.98 -2.70 0.00	34.76 -2.54 0.00	38.22 -2.62 0.00	32.22 -2.02 0.00	36.77 -2.26 0.00	29.38 -2.23 0.00	27.40 -2.17 0.00	27.03 -2.05 0.00	29.33 -2.09 0.00	36.52 -2.63 0.00	56.93 -3.92 0.00	56.61 -3.51 0.00	56.68 -3.92 0.00	44.47 -3.17 0.00	39.08 -2.75 0.00	31.69 -2.26 0.00
V_CMM_10_SYNC_DSASP 323787	27.88 -0.32 0.00	25.04 -0.29 0.00	13.05 -0.15 0.00	16.07 -0.20 0.00	20.36 -0.23 0.00	26.38 -0.20 0.00	29.08 0.05 0.00	31.37 0.28 0.00	38.02 0.34 0.00	37.62 0.33 0.00	41.29 0.45 0.00	34.70 0.46 0.00	39.55 0.52 0.00	31.93 0.32 0.00	29.82 0.25 0.00	29.30 0.21 0.00	31.70 0.28 0.00	39.38 0.23 0.00	61.33 0.47 0.00	60.78 0.66 0.00	61.49 0.89 0.00	48.30 0.67 0.00	42.43 0.60 0.00	34.37 0.42 0.00
V_CMP_10_SYNC_DSASP 323788	28.18 -0.02 0.00	25.31 -0.01 0.00	13.21 0.01 0.00	16.26 -0.01 0.00	20.55 -0.03 0.00	26.62 0.05 0.00	29.50 0.46 0.00	31.81 0.72 0.00	38.58 0.90 0.00	38.12 0.83 0.00	41.80 0.95 0.00	35.13 0.89 0.00	40.05 1.02 0.00	32.42 0.81 0.00	30.34 0.77 0.00	29.84 0.75 0.00	32.28 0.86 0.00	40.20 1.06 0.00	62.54 1.68 0.00	61.94 1.82 0.00	62.76 2.16 0.00	49.39 1.75 0.00	43.27 1.44 0.00	34.96 1.00 0.00
V_D_10_SYNC_DSASP 323841	27.90 -0.30 0.00	25.06 -0.27 0.00	13.07 -0.14 0.00	16.08 -0.19 0.00	20.38 -0.21 0.00	26.43 -0.14 0.00	29.25 0.22 0.00	31.56 0.47 0.00	38.25 0.57 0.00	37.83 0.54 0.00	41.49 0.64 0.00	34.85 0.61 0.00	39.72 0.69 0.00	32.05 0.44 0.00	29.93 0.36 0.00	29.40 0.31 0.00	31.80 0.38 0.00	39.38 0.23 0.00	61.40 0.55 0.00	60.92 0.80 0.00	61.66 1.06 0.00	48.44 0.81 0.00	42.69 0.86 0.00	34.57 0.61 0.00
V_E_10_SYNC_DSASP 323830	29.71 1.50 0.00	26.78 1.45 0.00	13.94 0.74 0.00	17.26 0.99 0.00	21.89 1.30 0.00	28.44 1.87 0.00	31.08 2.05 0.00	33.16 2.07 0.00	40.20 2.52 0.00	39.77 2.48 0.00	43.37 2.53 0.00	35.80 1.56 0.00	40.81 1.78 0.00	32.95 1.34 0.00	30.84 1.27 0.00	30.55 1.46 0.00	33.29 1.87 0.00	41.97 2.82 0.00	65.30 4.44 0.00	65.05 4.93 0.00	65.67 5.07 0.00	51.30 3.67 0.00	44.85 3.02 0.00	35.93 1.98 0.00

V_F_30_NSYNC___DSASP 323816	29.65 1.45 0.00	26.58 1.25 0.00	13.87 0.66 0.00	17.08 0.82 0.00	21.60 1.01 0.00	27.87 1.30 0.00	30.58 1.55 0.00	32.75 1.65 0.00	39.53 1.85 0.00	38.93 1.64 0.00	42.41 1.57 0.00	35.31 1.08 0.00	40.25 1.22 0.00	32.75 1.14 0.00	30.75 1.18 0.00	30.29 1.20 0.00	32.75 1.32 0.00	40.63 1.48 0.00	63.40 2.55 0.00	62.55 2.43 0.00	63.22 2.62 0.00	49.73 2.10 0.00	43.63 1.80 0.00	35.24 1.29 0.00
V_F_30_SYNC_DSASP 323786	29.19 0.98 0.00	26.19 0.86 0.00	13.66 0.46 0.00	16.84 0.57 0.00	21.27 0.68 0.00	27.39 0.81 0.00	29.83 0.80 0.00	31.64 0.55 0.00	38.26 0.58 0.00	37.76 0.47 0.00	41.13 0.29 0.00	34.55 0.31 0.00	39.36 0.32 0.00	31.99 0.38 0.00	30.08 0.51 0.00	29.61 0.52 0.00	31.85 0.42 0.00	39.71 0.56 0.00	61.66 0.81 0.00	60.70 0.58 0.00	61.26 0.66 0.00	48.23 0.59 0.00	42.37 0.54 0.00	34.35 0.40 0.00
V_XM_10_SYNC_DSASP 323789	28.18 -0.02 0.00	25.31 -0.01 0.00	13.21 0.01 0.00	16.26 -0.01 0.00	20.55 -0.03 0.00	26.62 0.05 0.00	29.50 0.46 0.00	31.81 0.72 0.00	38.58 0.90 0.00	38.12 0.83 0.00	41.80 0.95 0.00	35.13 0.89 0.00	40.05 1.02 0.00	32.42 0.81 0.00	30.34 0.77 0.00	29.84 0.75 0.00	32.28 0.86 0.00	40.20 1.06 0.00	62.54 1.68 0.00	61.94 1.82 0.00	62.76 2.16 0.00	49.39 1.75 0.00	43.27 1.44 0.00	34.96 1.00 0.00
W.BABYLN_69_KV_BK1 56697	59.61 3.09 -28.32	53.53 2.73 -25.47	41.01 1.43 -26.37	26.31 1.69 -8.35	42.33 2.14 -19.60	51.47 2.70 -22.19	48.63 2.85 -16.74	33.94 2.85 0.00	41.18 3.49 0.00	41.77 3.49 -0.99	54.22 3.83 -9.55	52.09 3.16 -14.69	46.06 3.53 -3.50	48.20 2.97 -13.61	41.32 2.87 -8.88	31.57 2.49 0.00	33.99 2.57 0.00	52.51 3.39 -9.98	82.05 4.86 -16.34	83.96 4.55 -19.29	87.53 4.30 -22.63	72.29 3.18 -21.48	50.71 3.16 -5.72	38.76 3.02 -1.78
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.16 1.95 0.00	27.01 1.69 0.00	14.08 0.88 0.00	17.30 1.03 0.00	21.90 1.32 0.00	28.14 1.57 0.00	30.64 1.60 0.00	32.68 1.59 0.00	39.70 2.02 0.00	39.37 2.08 0.00	43.21 2.37 0.00	36.18 1.94 0.00	41.30 2.27 0.00	33.60 1.99 0.00	31.58 2.00 0.00	31.05 1.97 0.00	33.46 2.04 0.00	41.64 2.49 0.00	64.54 3.68 0.00	63.51 3.39 0.00	63.68 3.08 0.00	49.84 2.20 0.00	43.79 1.96 0.00	35.59 1.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.42 2.22 0.00	27.25 1.93 0.00	14.21 1.01 0.00	17.43 1.16 0.00	22.06 1.48 0.00	28.37 1.80 0.00	30.90 1.86 0.00	32.91 1.82 0.00	40.01 2.33 0.00	39.65 2.36 0.00	43.54 2.70 0.00	36.46 2.22 0.00	41.61 2.58 0.00	33.88 2.27 0.00	31.89 2.31 0.00	31.34 2.26 0.00	33.72 2.30 0.00	41.89 2.74 0.00	64.79 3.93 0.00	63.73 3.61 0.00	63.87 3.27 0.00	49.99 2.36 0.00	43.94 2.11 0.00	35.82 1.87 0.00
W50THST__13_KV_LOAD 356117	30.52 2.32 0.00	27.34 2.02 0.00	14.25 1.05 0.00	17.49 1.23 0.00	22.15 1.56 0.00	28.48 1.90 0.00	31.03 2.00 0.00	33.09 2.00 0.00	40.23 2.55 0.00	39.87 2.58 0.00	43.79 2.95 0.00	36.67 2.44 0.00	41.87 2.84 0.00	34.09 2.48 0.00	32.07 2.50 0.00	31.54 2.46 0.00	33.92 2.50 0.00	42.12 2.98 0.00	65.14 4.29 0.00	64.03 3.91 0.00	64.17 3.57 0.00	50.20 2.57 0.00	44.13 2.29 0.00	35.95 1.99 0.00
WADING RIVER_IC_1 23522	51.01 3.34 -19.46	43.99 2.87 -15.80	30.73 1.49 -16.03	21.24 1.77 -3.20	33.48 2.26 -10.64	46.99 2.87 -17.55	44.99 3.04 -12.91	34.18 3.08 0.00	41.42 3.74 0.00	41.56 3.90 -0.38	47.31 4.25 -2.21	46.85 3.63 -8.98	46.57 4.06 -3.47	47.16 3.42 -12.12	43.78 3.39 -10.82	32.06 2.98 0.00	34.50 3.07 0.00	122.06 4.08 -78.83	195.94 5.95 -129.13	218.14 5.62 -152.40	244.97 5.55 -178.82	221.46 4.10 -169.73	82.71 3.85 -37.03	47.70 3.53 -10.22
WADING RIVER_IC_2 23547	51.01 3.34 -19.46	43.99 2.87 -15.80	30.73 1.49 -16.03	21.24 1.77 -3.20	33.48 2.26 -10.64	46.99 2.87 -17.55	44.99 3.04 -12.91	34.18 3.08 0.00	41.42 3.74 0.00	41.56 3.90 -0.38	47.31 4.25 -2.21	46.85 3.63 -8.98	46.57 4.06 -3.47	47.16 3.42 -12.12	43.78 3.39 -10.82	32.06 2.98 0.00	34.50 3.07 0.00	122.06 4.08 -78.83	195.94 5.95 -129.13	218.14 5.62 -152.40	244.97 5.55 -178.82	221.46 4.10 -169.73	82.71 3.85 -37.03	47.70 3.53 -10.22
WADING RIVER_IC_3 23601	51.01 3.34 -19.46	43.99 2.87 -15.80	30.73 1.49 -16.03	21.24 1.77 -3.20	33.48 2.26 -10.64	46.99 2.87 -17.55	44.99 3.04 -12.91	34.18 3.08 0.00	41.42 3.74 0.00	41.56 3.90 -0.38	47.31 4.25 -2.21	46.85 3.63 -8.98	46.57 4.06 -3.47	47.16 3.42 -12.12	43.78 3.39 -10.82	32.06 2.98 0.00	34.50 3.07 0.00	122.06 4.08 -78.83	195.94 5.95 -129.13	218.14 5.62 -152.40	244.97 5.55 -178.82	221.46 4.10 -169.73	82.71 3.85 -37.03	47.70 3.53 -10.22
WALDENNY_12_KV_BK2 80841	26.80 -1.40 0.00	24.25 -1.08 0.00	12.62 -0.58 0.00	15.55 -0.72 0.00	19.82 -0.77 0.00	25.51 -1.06 0.00	27.47 -1.57 0.00	29.07 -2.02 0.00	35.33 -2.35 0.00	35.17 -2.12 0.00	38.69 -2.16 0.00	32.66 -1.58 0.00	37.26 -1.77 0.00	29.72 -1.88 0.00	27.77 -1.80 0.00	27.47 -1.61 0.00	29.85 -1.57 0.00	37.24 -1.91 0.00	57.94 -2.91 0.00	57.69 -2.43 0.00	57.62 -2.98 0.00	45.15 -2.48 0.00	39.63 -2.21 0.00	32.03 -1.93 0.00
WALDEN__HYDRO 24148	30.06 1.85 0.00	26.93 1.60 0.00	14.04 0.84 0.00	17.26 0.99 0.00	21.84 1.25 0.00	28.07 1.50 0.00	30.58 1.54 0.00	32.62 1.53 0.00	39.61 1.92 0.00	39.24 1.95 0.00	43.06 2.21 0.00	36.04 1.80 0.00	41.12 2.09 0.00	33.42 1.82 0.00	31.38 1.80 0.00	30.88 1.79 0.00	33.29 1.86 0.00	41.48 2.33 0.00	64.35 3.49 0.00	63.40 3.28 0.00	63.60 3.00 0.00	49.80 2.17 0.00	43.75 1.92 0.00	35.54 1.59 0.00
WARRENSBURG____ 23737	29.67 1.47 0.00	26.55 1.23 0.00	13.86 0.66 0.00	17.08 0.81 0.00	21.58 0.99 0.00	27.89 1.32 0.00	30.72 1.68 0.00	32.97 1.87 0.00	39.72 2.04 0.00	39.07 1.77 0.00	42.47 1.62 0.00	35.27 1.03 0.00	40.22 1.19 0.00	32.81 1.21 0.00	30.77 1.19 0.00	30.35 1.26 0.00	32.91 1.49 0.00	40.82 1.68 0.00	63.73 2.88 0.00	63.02 2.90 0.00	63.83 3.23 0.00	50.26 2.63 0.00	44.01 2.18 0.00	35.39 1.43 0.00
WATERSIDE____6 8 9 23538	30.44 2.23 0.00	27.26 1.94 0.00	14.22 1.01 0.00	17.46 1.19 0.00	22.10 1.51 0.00	28.42 1.85 0.00	30.94 1.90 0.00	31.69 1.85 1.27	38.45 2.37 1.60	37.98 2.40 1.71	37.95 2.73 5.63	-8.59 2.20 45.02	41.15 2.55 0.44	26.99 2.26 6.88	25.78 2.34 6.13	25.26 2.28 6.10	27.87 2.33 5.88	41.23 2.79 0.71	64.80 3.95 0.00	63.79 3.67 0.00	63.91 3.31 0.00	50.04 2.41 0.00	44.01 2.18 0.00	35.84 1.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.51 0.30 0.00	25.57 0.24 0.00	13.35 0.14 0.00	16.47 0.20 0.00	20.84 0.25 0.00	26.86 0.29 0.00	29.29 0.25 0.00	31.23 0.13 0.00	37.78 0.10 0.00	37.31 0.02 0.00	40.68 -0.17 0.00	33.90 -0.34 0.00	38.65 -0.38 0.00	31.35 -0.25 0.00	29.47 -0.10 0.00	28.94 -0.15 0.00	31.13 -0.30 0.00	39.00 -0.15 0.00	60.91 0.06 0.00	60.23 0.11 0.00	60.86 0.26 0.00	47.84 0.20 0.00	41.98 0.15 0.00	33.97 0.02 0.00

WDELAWARE___HYD 323627	30.44 2.23 0.00	27.28 1.95 0.00	14.22 1.01 0.00	17.48 1.21 0.00	22.15 1.56 0.00	28.49 1.91 0.00	31.06 2.03 0.00	33.16 2.07 0.00	40.22 2.54 0.00	39.86 2.57 0.00	43.72 2.87 0.00	36.52 2.29 0.00	41.64 2.61 0.00	33.88 2.27 0.00	31.70 2.13 0.00	31.18 2.10 0.00	33.68 2.26 0.00	42.06 2.92 0.00	65.37 4.52 0.00	64.49 4.37 0.00	64.68 4.08 0.00	50.62 2.99 0.00	44.42 2.59 0.00	36.06 2.10 0.00
WEST BABYLON___IC 23714	59.61 3.09 -28.32	53.53 2.73 -25.47	41.01 1.43 -26.37	26.31 1.69 -8.35	42.33 2.14 -19.60	51.47 2.70 -22.19	48.63 2.85 -16.74	33.94 2.85 0.00	41.18 3.49 0.00	41.77 3.49 -0.99	54.22 3.83 -9.55	52.09 3.16 -14.69	46.06 3.53 -3.50	48.20 2.97 -13.61	41.32 2.87 -8.88	31.57 2.49 0.00	33.99 2.57 0.00	52.51 3.39 -9.98	82.05 4.86 -16.34	83.96 4.55 -19.29	87.53 4.30 -22.63	72.29 3.18 -21.48	50.71 3.16 -5.72	38.76 3.02 -1.78
WEST CANADA___HYD 24049	28.29 0.09 0.00	25.40 0.07 0.00	13.25 0.04 0.00	16.33 0.07 0.00	20.66 0.07 0.00	26.65 0.08 0.00	29.06 0.03 0.00	31.05 -0.05 0.00	37.61 -0.08 0.00	37.22 -0.08 0.00	40.73 -0.11 0.00	34.14 -0.10 0.00	38.90 -0.13 0.00	31.53 -0.08 0.00	29.51 -0.06 0.00	29.03 -0.06 0.00	31.36 -0.06 0.00	39.07 -0.07 0.00	60.74 -0.12 0.00	59.99 -0.13 0.00	60.42 -0.18 0.00	47.53 -0.11 0.00	41.73 -0.10 0.00	33.88 -0.08 0.00
WESTERN_NY_WIND 24143	27.16 -1.04 0.00	24.55 -0.78 0.00	12.78 -0.43 0.00	15.72 -0.55 0.00	20.06 -0.54 0.00	25.88 -0.69 0.00	27.95 -1.08 0.00	29.57 -1.52 0.00	35.68 -2.00 0.00	35.33 -1.96 0.00	38.85 -2.00 0.00	32.80 -1.44 0.00	37.40 -1.64 0.00	29.82 -1.79 0.00	27.89 -1.69 0.00	27.71 -1.38 0.00	30.06 -1.37 0.00	37.37 -1.77 0.00	58.50 -2.35 0.00	58.44 -1.67 0.00	58.74 -1.86 0.00	46.11 -1.52 0.00	40.42 -1.41 0.00	32.65 -1.30 0.00
WESTOVER___LESR 323668	28.39 0.19 0.00	25.57 0.24 0.00	13.31 0.11 0.00	16.44 0.17 0.00	20.81 0.22 0.00	26.77 0.20 0.00	29.13 0.10 0.00	31.09 0.00 0.00	37.69 0.01 0.00	37.38 0.09 0.00	40.91 0.07 0.00	34.22 -0.02 0.00	39.03 0.00 0.00	31.54 -0.07 0.00	29.48 -0.09 0.00	29.12 0.03 0.00	31.50 0.07 0.00	39.37 0.22 0.00	61.06 0.21 0.00	60.44 0.33 0.00	60.63 0.03 0.00	47.47 -0.16 0.00	41.70 -0.13 0.00	33.77 -0.19 0.00
WETHRSFD_WT_PWR 323626	27.04 -1.16 0.00	24.43 -0.90 0.00	12.71 -0.49 0.00	15.69 -0.58 0.00	19.96 -0.63 0.00	25.70 -0.87 0.00	27.71 -1.33 0.00	29.26 -1.83 0.00	35.38 -2.30 0.00	35.27 -2.03 0.00	38.77 -2.08 0.00	32.50 -1.74 0.00	37.20 -1.83 0.00	29.72 -1.89 0.00	27.87 -1.71 0.00	27.59 -1.50 0.00	29.99 -1.44 0.00	37.36 -1.79 0.00	58.03 -2.82 0.00	57.90 -2.22 0.00	57.98 -2.63 0.00	45.37 -2.26 0.00	39.83 -2.00 0.00	32.05 -1.90 0.00
WHAVSTOR_138KV_BK127 55557	30.05 1.85 0.00	26.92 1.60 0.00	14.04 0.83 0.00	17.24 0.98 0.00	21.83 1.24 0.00	28.04 1.46 0.00	30.52 1.49 0.00	32.55 1.45 0.00	39.52 1.84 0.00	39.19 1.89 0.00	43.01 2.16 0.00	36.01 1.77 0.00	41.10 2.07 0.00	33.44 1.83 0.00	31.43 1.85 0.00	30.91 1.82 0.00	33.30 1.87 0.00	41.41 2.26 0.00	64.20 3.35 0.00	63.16 3.04 0.00	63.34 2.74 0.00	49.59 1.95 0.00	43.59 1.75 0.00	35.45 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.05 1.85 0.00	26.92 1.60 0.00	14.04 0.83 0.00	17.24 0.98 0.00	21.83 1.24 0.00	28.04 1.46 0.00	30.52 1.49 0.00	32.55 1.45 0.00	39.52 1.84 0.00	39.19 1.89 0.00	43.01 2.16 0.00	36.01 1.77 0.00	41.10 2.07 0.00	33.44 1.83 0.00	31.43 1.85 0.00	30.91 1.82 0.00	33.30 1.87 0.00	41.41 2.26 0.00	64.20 3.35 0.00	63.16 3.04 0.00	63.34 2.74 0.00	49.59 1.95 0.00	43.59 1.75 0.00	35.45 1.50 0.00
WHITEHAL_115KV_TB1 80871	29.97 1.76 0.00	26.74 1.41 0.00	13.99 0.79 0.00	17.26 0.99 0.00	21.77 1.18 0.00	28.14 1.57 0.00	31.14 2.11 0.00	33.57 2.48 0.00	40.35 2.67 0.00	39.50 2.21 0.00	42.43 1.58 0.00	35.28 1.04 0.00	40.28 1.25 0.00	32.98 1.37 0.00	31.04 1.47 0.00	30.72 1.63 0.00	33.34 1.92 0.00	41.22 2.07 0.00	64.17 3.32 0.00	63.56 3.44 0.00	65.04 4.44 0.00	51.54 3.91 0.00	45.05 3.22 0.00	35.86 1.91 0.00
WHITEPLN_13_KV_LOAD 356215	30.45 2.25 0.00	27.29 1.96 0.00	14.23 1.02 0.00	17.47 1.20 0.00	22.11 1.52 0.00	28.43 1.85 0.00	30.98 1.94 0.00	33.04 1.95 0.00	40.13 2.45 0.00	39.79 2.50 0.00	43.68 2.84 0.00	36.58 2.35 0.00	41.75 2.72 0.00	33.96 2.35 0.00	31.93 2.36 0.00	31.41 2.32 0.00	33.82 2.40 0.00	42.06 2.92 0.00	65.13 4.28 0.00	64.07 3.94 0.00	64.23 3.63 0.00	50.27 2.64 0.00	44.17 2.34 0.00	35.93 1.98 0.00
WM_FLOYD_69_KV_BK2 356380	51.13 3.29 -19.63	44.16 2.85 -15.98	30.92 1.49 -16.23	21.32 1.76 -3.30	33.64 2.25 -10.81	47.06 2.85 -17.64	45.03 3.01 -12.98	34.13 3.04 0.00	41.37 3.69 0.00	41.49 3.82 -0.39	47.36 4.16 -2.35	46.87 3.53 -9.10	46.46 3.94 -3.49	47.07 3.30 -12.16	43.73 3.26 -10.90	31.97 2.88 0.00	34.35 2.93 0.00	123.23 3.89 -80.19	197.93 5.72 -131.36	220.55 5.40 -155.04	247.78 5.27 -181.91	224.18 3.89 -172.66	83.15 3.66 -37.65	47.72 3.38 -10.38
WOODARD___115KV_TB2 355635	27.99 -0.21 0.00	25.15 -0.18 0.00	13.10 -0.10 0.00	16.15 -0.12 0.00	20.45 -0.14 0.00	26.37 -0.20 0.00	28.76 -0.27 0.00	30.78 -0.31 0.00	37.35 -0.34 0.00	36.98 -0.31 0.00	40.51 -0.34 0.00	33.75 -0.49 0.00	38.45 -0.58 0.00	31.11 -0.50 0.00	29.02 -0.55 0.00	28.57 -0.52 0.00	30.94 -0.48 0.00	38.62 -0.53 0.00	60.04 -0.80 0.00	59.43 -0.69 0.00	59.81 -0.79 0.00	46.93 -0.70 0.00	41.16 -0.67 0.00	33.42 -0.53 0.00
WOODMERE_69_KV_BK1 55827	126.68 2.77 -95.70	130.65 2.55 -102.78	124.18 1.32 -109.66	71.43 1.57 -53.58	116.85 1.96 -94.30	94.82 2.39 -65.86	86.11 2.46 -54.62	33.55 2.46 0.00	40.84 3.11 -0.05	46.90 3.20 -6.41	120.77 3.59 -76.34	103.25 2.81 -66.21	47.27 3.31 -4.93	53.90 2.83 -19.45	44.50 2.84 -12.09	31.67 2.59 0.00	34.12 2.70 0.00	42.55 3.41 0.00	65.90 5.05 0.00	64.84 4.72 0.00	65.05 4.44 0.00	50.91 3.27 0.00	46.48 2.99 -1.66	37.22 2.70 -0.56
YORK___WARBASSE 23770	30.49 2.29 0.00	27.29 1.96 0.00	14.22 1.01 0.00	17.52 1.25 0.00	22.18 1.60 0.00	28.54 1.97 0.00	31.07 2.04 0.00	39.16 2.00 -6.06	47.89 2.53 -7.68	48.05 2.53 -8.23	70.66 2.81 -27.01	252.54 2.15 -216.15	43.65 2.53 -2.09	66.94 2.31 -33.02	61.41 2.39 -29.45	60.75 2.35 -29.31	62.08 2.42 -28.24	45.47 2.91 -3.41	64.90 4.05 0.00	63.92 3.80 0.00	64.08 3.47 0.00	50.19 2.56 0.00	44.18 2.35 0.00	35.97 2.01 0.00