

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/26/2026

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	48.91	41.38	35.54	35.03	33.79	34.43	33.23	33.43	32.80	32.85	36.31	35.86	38.22	43.43	50.26	52.21	56.12	54.60	58.05	60.00	72.20	56.47	57.91	44.88
24138	2.09	1.63	1.38	1.42	1.39	1.30	1.29	1.31	1.31	1.50	1.77	1.93	2.31	2.85	3.41	3.49	3.65	3.12	3.73	3.83	4.37	3.01	2.84	2.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.07	41.50	35.66	35.16	33.91	34.55	33.33	33.52	32.90	32.94	36.42	35.97	38.33	43.54	50.39	52.33	56.22	54.65	58.20	60.16	72.44	56.64	58.10	44.98
24260	2.24	1.75	1.50	1.54	1.51	1.42	1.39	1.42	1.41	1.59	1.88	2.04	2.42	2.96	3.54	3.62	3.75	3.18	3.87	3.99	4.61	3.18	3.03	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.07	41.50	35.66	35.16	33.91	34.55	33.33	33.52	32.90	32.94	36.42	35.97	38.33	43.54	50.39	52.33	56.22	54.65	58.20	60.16	72.44	56.64	58.10	44.98
24261	2.24	1.75	1.50	1.54	1.51	1.42	1.39	1.42	1.41	1.59	1.88	2.04	2.42	2.96	3.54	3.62	3.75	3.18	3.87	3.99	4.61	3.18	3.03	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.89	41.62	35.75	35.14	33.85	34.62	33.40	33.36	32.32	31.98	35.05	34.48	36.68	41.26	47.50	49.22	53.10	52.78	56.83	59.18	71.42	56.23	57.91	44.59
24011	2.06	1.87	1.60	1.52	1.44	1.49	1.46	1.25	0.83	0.64	0.50	0.54	0.77	0.68	0.65	0.51	0.63	1.29	2.50	3.01	3.59	2.77	2.85	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.20	41.92	35.99	35.35	34.03	34.81	33.60	33.51	32.34	31.98	35.05	34.52	36.76	41.36	47.72	49.40	53.19	53.03	57.20	59.60	71.99	56.64	58.36	44.95
23798	2.38	2.18	1.83	1.73	1.63	1.68	1.66	1.40	0.85	0.64	0.51	0.59	0.85	0.79	0.87	0.68	0.72	1.55	2.87	3.43	4.16	3.18	3.29	2.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.89	41.62	35.75	35.14	33.85	34.62	33.40	33.36	32.32	31.98	35.05	34.48	36.68	41.26	47.50	49.22	53.10	52.78	56.83	59.18	71.42	56.23	57.91	44.59
24028	2.06	1.87	1.60	1.52	1.44	1.49	1.46	1.25	0.83	0.64	0.50	0.54	0.77	0.68	0.65	0.51	0.63	1.29	2.50	3.01	3.59	2.77	2.85	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.06	41.02	35.34	34.81	33.52	34.28	33.09	33.20	32.26	32.03	35.13	34.33	36.24	40.95	47.04	48.64	52.30	51.52	54.34	56.50	67.92	54.00	56.04	43.23
23527	1.23	1.27	1.18	1.20	1.12	1.16	1.16	1.10	0.77	0.69	0.59	0.40	0.33	0.38	0.19	-0.07	-0.17	0.04	0.01	0.33	0.10	0.54	0.97	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
AIR_PRODUCTS___DRP	46.63	39.72	34.29	34.00	32.77	33.50	32.31	32.40	31.69	31.45	34.39	33.75	35.81	40.44	46.47	48.21	51.90	51.05	54.10	56.08	67.42	53.15	54.73	42.32
24190	-0.20	-0.02	0.13	0.38	0.37	0.37	0.37	0.29	0.20	0.10	-0.15	-0.18	-0.11	-0.14	-0.37	-0.51	-0.56	-0.43	-0.24	-0.09	-0.41	-0.31	-0.34	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.21	40.03	34.37	33.75	32.52	33.22	32.06	32.39	31.84	31.63	34.92	34.34	36.34	40.96	47.29	49.17	53.00	52.18	54.62	56.26	68.01	53.63	55.42	42.71
355683	0.39	0.28	0.21	0.13	0.11	0.09	0.12	0.29	0.35	0.29	0.38	0.41	0.42	0.39	0.44	0.45	0.53	0.70	0.29	0.09	0.18	0.17	0.36	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.70	40.57	34.97	34.56	33.32	34.06	32.82	32.86	32.02	31.75	34.73	34.10	36.25	40.69	46.87	48.67	52.43	51.72	55.04	57.29	69.05	54.40	56.02	43.25
323833	0.88	0.82	0.81	0.94	0.92	0.93	0.88	0.76	0.53	0.41	0.18	0.17	0.34	0.12	0.02	-0.05	-0.04	0.24	0.71	1.12	1.22	0.94	0.96	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	47.68	40.56	34.96	34.55	33.31	34.06	32.82	32.86	32.02	31.75	34.72	34.10	36.25	40.68	46.87	48.66	52.42	51.70	55.02	57.26	69.02	54.39	56.00	43.24
323834	0.86	0.80	0.80	0.94	0.90	0.93	0.88	0.75	0.53	0.41	0.17	0.17	0.34	0.10	0.02	-0.06	-0.05	0.22	0.69	1.09	1.19	0.92	0.94	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	46.63	39.72	34.29	34.00	32.77	33.50	32.31	32.40	31.69	31.45	34.39	33.75	35.81	40.44	46.47	48.21	51.90	51.05	54.10	56.08	67.42	53.15	54.73	42.32
23571	-0.20	-0.02	0.13	0.38	0.37	0.37	0.37	0.29	0.20	0.10	-0.15	-0.18	-0.11	-0.14	-0.37	-0.51	-0.56	-0.43	-0.24	-0.09	-0.41	-0.31	-0.34	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.63 -0.20 0.00	39.72 -0.02 0.00	34.29 0.13 0.00	34.00 0.38 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.10 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.11 0.00	40.44 -0.14 0.00	46.47 -0.37 0.00	48.21 -0.51 0.00	51.90 -0.56 0.00	51.05 -0.43 0.00	54.10 -0.24 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.15 -0.31 0.00	54.73 -0.34 0.00	42.32 -0.17 0.00
ALBANY___3 23573	46.63 -0.20 0.00	39.72 -0.02 0.00	34.29 0.13 0.00	34.00 0.38 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.10 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.11 0.00	40.44 -0.14 0.00	46.47 -0.37 0.00	48.21 -0.51 0.00	51.90 -0.56 0.00	51.05 -0.43 0.00	54.10 -0.24 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.15 -0.31 0.00	54.73 -0.34 0.00	42.32 -0.17 0.00
ALBANY___4 23574	46.63 -0.20 0.00	39.72 -0.02 0.00	34.29 0.13 0.00	34.00 0.38 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.10 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.11 0.00	40.44 -0.14 0.00	46.47 -0.37 0.00	48.21 -0.51 0.00	51.90 -0.56 0.00	51.05 -0.43 0.00	54.10 -0.24 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.15 -0.31 0.00	54.73 -0.34 0.00	42.32 -0.17 0.00
ALBANY___LFGE 323615	47.14 0.32 0.00	40.14 0.39 0.00	34.63 0.47 0.00	34.29 0.67 0.00	33.04 0.64 0.00	33.77 0.64 0.00	32.56 0.62 0.00	32.65 0.55 0.00	31.95 0.45 0.00	31.71 0.37 0.00	34.74 0.19 0.00	34.09 0.15 0.00	36.17 0.26 0.00	40.82 0.24 0.00	46.95 0.10 0.00	48.75 0.04 0.00	52.55 0.08 0.00	51.70 0.22 0.00	54.82 0.49 0.00	56.82 0.65 0.00	68.30 0.47 0.00	53.82 0.35 0.00	55.40 0.34 0.00	42.80 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.30 0.00	32.67 0.27 0.00	33.38 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.98 0.49 0.00	31.76 0.41 0.00	35.06 0.51 0.00	34.46 0.53 0.00	36.48 0.57 0.00	41.14 0.56 0.00	47.51 0.66 0.00	49.39 0.68 0.00	53.25 0.78 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.55 0.38 0.00	68.48 0.65 0.00	53.94 0.48 0.00	55.69 0.62 0.00	42.98 0.50 0.00
ALCOA_RYNLDS___DRP 24188	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.30 0.00	32.67 0.27 0.00	33.39 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.98 0.48 0.00	31.75 0.41 0.00	35.06 0.51 0.00	34.47 0.53 0.00	36.48 0.57 0.00	41.14 0.56 0.00	47.51 0.66 0.00	49.39 0.67 0.00	53.25 0.78 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.54 0.37 0.00	68.48 0.65 0.00	53.95 0.49 0.00	55.69 0.63 0.00	42.98 0.50 0.00
ALCOA___DSASP 323711	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.30 0.00	32.67 0.27 0.00	33.39 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.98 0.48 0.00	31.75 0.41 0.00	35.06 0.51 0.00	34.47 0.53 0.00	36.48 0.57 0.00	41.14 0.56 0.00	47.51 0.66 0.00	49.39 0.67 0.00	53.25 0.78 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.54 0.37 0.00	68.48 0.65 0.00	53.95 0.49 0.00	55.69 0.63 0.00	42.98 0.50 0.00
ALLEGHENY___COGEN 23514	48.57 1.75 0.00	40.89 1.13 0.00	34.97 0.81 0.00	34.14 0.52 0.00	32.89 0.49 0.00	33.61 0.48 0.00	32.24 0.30 0.00	31.99 -0.12 0.00	31.02 -0.47 0.00	30.93 -0.40 0.00	34.29 -0.25 0.00	33.83 -0.10 0.00	35.88 -0.03 0.00	40.74 0.16 0.00	47.13 0.28 0.00	49.43 0.71 0.00	53.11 0.64 0.00	52.59 1.10 0.00	56.21 1.88 0.00	59.02 2.85 0.00	71.72 3.89 0.00	56.54 3.08 0.00	58.09 3.03 0.00	44.37 1.88 0.00
ALTAMONT_115KV_TB 2 55880	47.26 0.44 0.00	40.18 0.43 0.00	34.61 0.45 0.00	34.15 0.53 0.00	32.92 0.52 0.00	33.66 0.53 0.00	32.45 0.51 0.00	32.57 0.46 0.00	31.86 0.36 0.00	31.65 0.31 0.00	34.75 0.21 0.00	34.12 0.19 0.00	36.19 0.28 0.00	40.89 0.31 0.00	47.11 0.26 0.00	48.88 0.17 0.00	52.60 0.13 0.00	51.68 0.20 0.00	54.82 0.49 0.00	56.85 0.68 0.00	68.45 0.62 0.00	53.91 0.45 0.00	55.52 0.46 0.00	42.87 0.38 0.00
ALTONA_WT_PWR 323606	47.47 0.65 0.00	40.30 0.55 0.00	34.61 0.45 0.00	33.98 0.36 0.00	32.70 0.30 0.00	33.39 0.27 0.00	32.22 0.29 0.00	32.52 0.41 0.00	31.94 0.45 0.00	31.76 0.41 0.00	35.06 0.52 0.00	34.46 0.53 0.00	36.54 0.63 0.00	41.22 0.65 0.00	47.63 0.78 0.00	49.51 0.80 0.00	53.33 0.86 0.00	52.54 1.06 0.00	55.09 0.76 0.00	56.79 0.62 0.00	68.53 0.70 0.00	53.86 0.40 0.00	55.54 0.48 0.00	42.91 0.42 0.00
AMERICAN_REF_FUEL 24010	43.27 -2.50 1.06	36.26 -2.37 1.12	32.09 -2.06 0.01	31.27 -2.34 0.00	30.09 -2.31 0.00	30.67 -2.39 0.06	29.43 -2.51 0.00	29.19 -2.92 0.00	29.13 -2.36 0.00	29.33 -2.01 0.00	32.55 -1.99 0.00	32.07 -1.86 0.00	33.84 -2.07 0.00	38.38 -2.20 0.00	44.18 -2.67 0.00	46.47 -2.25 0.00	49.93 -2.54 0.00	48.28 -3.20 0.00	50.97 -3.36 0.00	53.15 -3.02 0.00	63.91 -3.92 0.00	47.76 -2.98 2.72	49.63 -2.54 2.89	36.40 -2.21 3.87
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.08 -0.37 1.38	37.39 -0.90 1.46	33.13 -1.02 0.01	32.52 -1.09 0.00	31.38 -1.02 0.00	31.91 -1.13 0.08	30.68 -1.26 0.00	30.45 -1.66 0.00	30.29 -1.20 0.00	30.60 -0.74 0.00	33.98 -0.56 0.00	33.43 -0.51 0.00	35.33 -0.58 0.00	40.13 -0.45 0.00	46.38 -0.47 0.00	48.78 0.06 0.00	52.26 -0.21 0.00	50.73 -0.75 0.00	54.04 -0.29 0.00	56.48 0.31 0.00	67.82 -0.01 0.00	49.51 -0.42 3.53	50.96 -0.34 3.76	36.87 -0.58 5.03
ARTHUR KILL_GT_1 23520	48.98 2.16 0.00	41.49 1.74 0.00	35.62 1.46 0.00	35.10 1.48 0.00	33.85 1.45 0.00	34.49 1.36 0.00	33.29 1.35 0.00	33.46 1.35 0.00	32.83 1.34 0.00	32.83 1.49 0.00	36.40 1.86 0.00	35.97 2.03 0.00	38.27 2.36 0.00	43.37 2.80 0.00	50.22 3.37 0.00	52.17 3.45 0.00	56.06 3.59 0.00	54.59 3.11 0.00	58.20 3.87 0.00	60.22 4.05 0.00	72.43 4.60 0.00	56.59 3.13 0.00	57.77 2.71 0.00	44.86 2.37 0.00
ARTHUR_KILL_2 23512	48.83 2.01 0.00	41.37 1.61 0.00	35.52 1.36 0.00	35.00 1.39 0.00	33.76 1.35 0.00	34.40 1.27 0.00	33.20 1.26 0.00	33.37 1.26 0.00	32.74 1.24 0.00	32.75 1.41 0.00	36.31 1.77 0.00	35.88 1.95 0.00	38.16 2.25 0.00	43.25 2.68 0.00	50.07 3.22 0.00	51.99 3.27 0.00	55.86 3.39 0.00	54.38 2.90 0.00	57.96 3.63 0.00	59.97 3.80 0.00	72.15 4.32 0.00	56.37 2.91 0.00	57.55 2.49 0.00	44.69 2.21 0.00
ARTHUR_KILL_3 23513	48.64 1.81 0.00	41.14 1.39 0.00	35.35 1.19 0.00	34.86 1.24 0.00	33.62 1.22 0.00	34.25 1.12 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.58 1.10 0.00	32.61 1.27 0.00	36.06 1.52 0.00	35.61 1.68 0.00	37.94 2.03 0.00	43.12 2.55 0.00	49.91 3.06 0.00	51.84 3.12 0.00	55.75 3.28 0.00	54.25 2.77 0.00	57.78 3.45 0.00	59.73 3.56 0.00	71.85 4.03 0.00	56.15 2.69 0.00	57.58 2.51 0.00	44.57 2.09 0.00

ARTHUR_KILL_COGEN 323718	48.98 2.16 0.00	41.48 1.73 0.00	35.62 1.46 0.00	35.10 1.48 0.00	33.85 1.45 0.00	34.49 1.36 0.00	33.29 1.35 0.00	33.46 1.35 0.00	32.83 1.34 0.00	32.82 1.48 0.00	36.41 1.86 0.00	35.97 2.04 0.00	38.27 2.36 0.00	43.37 2.80 0.00	50.22 3.37 0.00	52.18 3.46 0.00	56.06 3.60 0.00	54.59 3.11 0.00	58.20 3.86 0.00	60.22 4.05 0.00	72.42 4.59 0.00	56.59 3.13 0.00	57.77 2.71 0.00	44.85 2.37 0.00
ASHOKAN____ 23654	48.05 1.23 0.00	40.71 0.96 0.00	34.98 0.82 0.00	34.48 0.87 0.00	33.25 0.85 0.00	33.93 0.80 0.00	32.72 0.78 0.00	32.86 0.75 0.00	32.12 0.63 0.00	31.99 0.65 0.00	35.23 0.68 0.00	34.59 0.66 0.00	36.82 0.91 0.00	41.78 1.21 0.00	48.45 1.60 0.00	50.36 1.64 0.00	54.29 1.83 0.00	53.62 2.14 0.00	57.06 2.73 0.00	59.27 3.10 0.00	71.38 3.55 0.00	55.94 2.48 0.00	57.26 2.20 0.00	44.05 1.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.48 1.66 0.00	41.11 1.35 0.00	35.29 1.13 0.00	34.77 1.15 0.00	33.56 1.16 0.00	34.19 1.06 0.00	33.00 1.06 0.00	33.20 1.09 0.00	32.57 1.08 0.00	32.60 1.26 0.00	36.03 1.48 0.00	35.61 1.68 0.00	37.92 2.01 0.00	43.00 2.42 0.00	49.77 2.92 0.00	51.65 2.93 0.00	55.44 2.97 0.00	54.04 2.57 0.01	57.49 3.16 0.01	59.49 3.33 0.01	71.57 3.75 0.01	56.01 2.55 0.01	57.43 2.37 0.00	44.52 2.04 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.48 1.66 0.00	41.11 1.35 0.00	35.29 1.13 0.00	34.77 1.15 0.00	33.56 1.16 0.00	34.19 1.06 0.00	33.00 1.06 0.00	33.20 1.09 0.00	32.57 1.08 0.00	32.60 1.26 0.00	36.03 1.48 0.00	35.61 1.68 0.00	37.92 2.01 0.00	43.00 2.42 0.00	49.77 2.92 0.00	51.65 2.93 0.00	55.44 2.97 0.00	54.04 2.57 0.01	57.49 3.16 0.01	59.49 3.33 0.01	71.57 3.75 0.01	56.01 2.55 0.01	57.43 2.37 0.00	44.52 2.04 0.00
ASTORIA_GT2_1 24094	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT2_2 24095	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT2_3 24096	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT2_4 24097	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT3_1 24098	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT3_2 24099	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT3_3 24100	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT3_4 24101	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT4_1 24102	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT4_2 24103	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT4_3 24104	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00

ASTORIA_GT4_4 24105	48.51 1.68 0.00	41.14 1.38 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.21 1.10 0.00	32.59 1.10 0.00	32.61 1.28 0.00	36.05 1.50 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.68 2.96 0.00	55.46 2.99 0.00	54.07 2.60 0.01	57.50 3.18 0.01	59.54 3.39 0.01	71.62 3.80 0.01	56.04 2.58 0.01	57.46 2.40 0.00	44.56 2.07 0.00
ASTORIA_GT_1 23523	48.60 1.77 0.00	41.21 1.46 0.00	35.37 1.21 0.00	34.83 1.22 0.00	33.64 1.23 0.00	34.25 1.12 0.00	33.07 1.13 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.12 1.57 0.00	35.69 1.76 0.00	38.01 2.10 0.00	43.11 2.54 0.00	49.90 3.05 0.00	51.79 3.08 0.00	55.60 3.13 0.00	54.19 2.72 0.01	57.64 3.32 0.01	59.66 3.50 0.01	71.78 3.95 0.01	56.16 2.71 0.01	57.58 2.52 0.00	44.64 2.16 0.00
ASTORIA_GT_10 24110	48.64 1.82 0.00	41.21 1.46 0.00	35.38 1.22 0.00	34.88 1.26 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.11 1.18 0.00	33.28 1.18 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.14 1.60 0.00	35.71 1.77 0.00	38.04 2.12 0.00	43.15 2.57 0.00	49.96 3.11 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.54 3.37 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.44 0.00	44.64 2.15 0.00
ASTORIA_GT_11 24225	48.64 1.82 0.00	41.21 1.46 0.00	35.38 1.22 0.00	34.88 1.26 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.11 1.18 0.00	33.28 1.18 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.14 1.60 0.00	35.71 1.77 0.00	38.04 2.12 0.00	43.15 2.57 0.00	49.96 3.11 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.54 3.37 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.44 0.00	44.64 2.15 0.00
ASTORIA_GT_12 24226	48.64 1.82 0.00	41.21 1.46 0.00	35.38 1.22 0.00	34.88 1.26 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.11 1.18 0.00	33.28 1.18 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.14 1.60 0.00	35.71 1.77 0.00	38.04 2.12 0.00	43.15 2.57 0.00	49.96 3.11 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.54 3.37 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.44 0.00	44.64 2.15 0.00
ASTORIA_GT_13 24227	48.64 1.82 0.00	41.21 1.46 0.00	35.38 1.22 0.00	34.88 1.26 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.11 1.18 0.00	33.28 1.18 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.14 1.60 0.00	35.71 1.77 0.00	38.04 2.12 0.00	43.15 2.57 0.00	49.96 3.11 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.54 3.37 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.44 0.00	44.64 2.15 0.00
ASTORIA_GT_5 24106	48.60 1.77 0.00	41.21 1.46 0.00	35.37 1.21 0.00	34.83 1.22 0.00	33.64 1.23 0.00	34.25 1.12 0.00	33.07 1.13 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.12 1.57 0.00	35.69 1.76 0.00	38.01 2.10 0.00	43.11 2.54 0.00	49.90 3.05 0.00	51.79 3.08 0.00	55.60 3.13 0.00	54.19 2.72 0.01	57.64 3.32 0.01	59.66 3.50 0.01	71.78 3.95 0.01	56.16 2.71 0.01	57.58 2.52 0.00	44.64 2.16 0.00
ASTORIA_GT_7 24107	48.60 1.77 0.00	41.21 1.46 0.00	35.37 1.21 0.00	34.83 1.22 0.00	33.64 1.23 0.00	34.25 1.12 0.00	33.07 1.13 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.12 1.57 0.00	35.69 1.76 0.00	38.01 2.10 0.00	43.11 2.54 0.00	49.90 3.05 0.00	51.79 3.08 0.00	55.60 3.13 0.00	54.19 2.72 0.01	57.64 3.32 0.01	59.66 3.50 0.01	71.78 3.95 0.01	56.16 2.71 0.01	57.58 2.52 0.00	44.64 2.16 0.00
ASTORIA_GT_8 24108	48.60 1.77 0.00	41.21 1.46 0.00	35.37 1.21 0.00	34.83 1.22 0.00	33.64 1.23 0.00	34.25 1.12 0.00	33.07 1.13 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.12 1.57 0.00	35.69 1.76 0.00	38.01 2.10 0.00	43.11 2.54 0.00	49.90 3.05 0.00	51.79 3.08 0.00	55.60 3.13 0.00	54.19 2.72 0.01	57.64 3.32 0.01	59.66 3.50 0.01	71.78 3.95 0.01	56.16 2.71 0.01	57.58 2.52 0.00	44.64 2.16 0.00
ASTORIA___2 24149	48.51 1.69 0.00	41.13 1.37 0.00	35.31 1.15 0.00	34.78 1.17 0.00	33.59 1.19 0.00	34.20 1.07 0.00	33.01 1.07 0.00	33.22 1.12 0.00	32.59 1.10 0.00	32.61 1.27 0.00	36.05 1.51 0.00	35.62 1.69 0.00	37.94 2.03 0.00	43.01 2.44 0.00	49.80 2.95 0.00	51.67 2.96 0.00	55.47 3.01 0.00	54.07 2.60 0.01	57.50 3.17 0.01	59.53 3.37 0.01	71.62 3.80 0.01	56.03 2.58 0.01	57.44 2.38 0.00	44.55 2.07 0.00
ASTORIA___3 23516	48.65 1.82 0.00	41.20 1.45 0.00	35.39 1.23 0.00	34.88 1.26 0.00	33.67 1.26 0.00	34.29 1.16 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.14 1.59 0.00	35.71 1.77 0.00	38.03 2.12 0.00	43.15 2.57 0.00	49.95 3.10 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.22 0.00	59.53 3.36 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.43 0.00	44.64 2.15 0.00
ASTORIA___4 23517	48.64 1.82 0.00	41.21 1.46 0.00	35.38 1.22 0.00	34.88 1.26 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.11 1.18 0.00	33.28 1.18 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.14 1.60 0.00	35.71 1.77 0.00	38.04 2.12 0.00	43.15 2.57 0.00	49.96 3.11 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.54 3.37 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.44 0.00	44.64 2.15 0.00
ASTORIA___5 23518	48.65 1.82 0.00	41.20 1.45 0.00	35.39 1.23 0.00	34.88 1.26 0.00	33.67 1.26 0.00	34.29 1.16 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.14 1.59 0.00	35.71 1.77 0.00	38.03 2.12 0.00	43.15 2.57 0.00	49.95 3.10 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.55 3.22 0.00	59.53 3.36 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.49 2.43 0.00	44.64 2.15 0.00
AST_ENERGY_2_CC3 323677	48.69 1.87 0.00	41.20 1.44 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.10 1.16 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.67 1.33 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.00 2.09 0.00	43.15 2.58 0.00	49.93 3.08 0.00	51.86 3.15 0.00	55.71 3.24 0.00	54.15 2.67 0.00	57.63 3.30 0.00	59.58 3.41 0.00	71.78 3.95 0.00	56.15 2.69 0.00	57.60 2.54 0.00	44.61 2.13 0.00
AST_ENERGY_2_CC4 323678	48.69 1.87 0.00	41.20 1.44 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.10 1.16 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.67 1.33 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.00 2.09 0.00	43.15 2.58 0.00	49.93 3.08 0.00	51.86 3.15 0.00	55.71 3.24 0.00	54.15 2.67 0.00	57.63 3.30 0.00	59.58 3.41 0.00	71.78 3.95 0.00	56.15 2.69 0.00	57.60 2.54 0.00	44.61 2.13 0.00

ATHENS_STG_1 23668	47.47 0.65 0.00	40.35 0.60 0.00	34.72 0.56 0.00	34.24 0.62 0.00	33.02 0.62 0.00	33.74 0.61 0.00	32.53 0.59 0.00	32.69 0.58 0.00	32.00 0.52 0.00	31.85 0.50 0.00	35.09 0.54 0.00	34.52 0.60 0.00	36.66 0.74 0.00	41.50 0.92 0.00	47.87 1.03 0.00	49.60 0.88 0.00	53.29 0.82 0.00	52.16 0.68 0.00	55.38 1.05 0.00	57.31 1.14 0.00	68.97 1.14 0.00	54.18 0.72 0.00	55.71 0.65 0.00	43.06 0.58 0.00
ATHENS_STG_2 23670	47.47 0.65 0.00	40.35 0.60 0.00	34.72 0.56 0.00	34.24 0.62 0.00	33.02 0.62 0.00	33.74 0.61 0.00	32.53 0.59 0.00	32.69 0.58 0.00	32.00 0.52 0.00	31.85 0.50 0.00	35.09 0.54 0.00	34.52 0.60 0.00	36.66 0.74 0.00	41.50 0.92 0.00	47.87 1.03 0.00	49.60 0.88 0.00	53.29 0.82 0.00	52.16 0.68 0.00	55.38 1.05 0.00	57.31 1.14 0.00	68.97 1.14 0.00	54.18 0.72 0.00	55.71 0.65 0.00	43.06 0.58 0.00
ATHENS_STG_3 23677	47.47 0.65 0.00	40.35 0.60 0.00	34.72 0.56 0.00	34.24 0.62 0.00	33.02 0.62 0.00	33.74 0.61 0.00	32.53 0.59 0.00	32.69 0.58 0.00	32.00 0.52 0.00	31.85 0.50 0.00	35.09 0.54 0.00	34.52 0.60 0.00	36.66 0.74 0.00	41.50 0.92 0.00	47.87 1.03 0.00	49.60 0.88 0.00	53.29 0.82 0.00	52.16 0.68 0.00	55.38 1.05 0.00	57.31 1.14 0.00	68.97 1.14 0.00	54.18 0.72 0.00	55.71 0.65 0.00	43.06 0.58 0.00
AUBURN___LFGE 323710	47.00 0.17 0.00	39.85 0.10 0.00	34.06 -0.10 0.00	33.55 -0.08 0.00	32.36 -0.04 0.00	33.11 -0.02 0.00	31.88 -0.06 0.00	31.82 -0.29 0.00	31.30 -0.20 0.00	31.15 -0.19 0.00	34.31 -0.24 0.00	33.64 -0.30 0.00	35.58 -0.33 0.00	40.17 -0.40 0.00	46.58 -0.27 0.00	48.55 -0.17 0.00	52.49 0.02 0.00	51.64 0.16 0.00	54.58 0.25 0.00	56.97 0.80 0.00	68.46 0.63 0.00	53.93 0.47 0.00	55.40 0.34 0.00	42.52 0.03 0.00
BABYLON_RES_REC 323704	49.16 2.33 0.00	41.44 1.69 0.00	35.58 1.42 0.00	35.20 1.58 0.00	33.93 1.53 0.00	34.52 1.39 0.00	33.40 1.46 0.00	33.49 1.39 0.00	32.84 1.35 0.00	32.93 1.58 0.00	36.38 1.84 0.00	35.86 1.93 0.00	38.29 2.38 0.00	43.35 2.78 0.00	49.89 3.04 0.00	51.80 3.08 0.00	55.62 3.15 0.00	54.38 2.90 0.00	58.02 3.69 0.00	59.53 3.36 0.00	71.47 3.64 0.00	56.09 2.63 0.00	57.47 2.40 0.00	44.99 2.51 0.00
BALL_HILL_WT_PWR 323825	44.63 -0.91 1.28	37.19 -1.21 1.35	32.92 -1.23 0.01	32.20 -1.42 0.00	31.04 -1.36 0.00	31.62 -1.43 0.08	30.37 -1.57 0.00	30.18 -1.93 0.00	30.00 -1.49 0.00	30.26 -1.08 0.00	33.61 -0.93 0.00	33.05 -0.88 0.00	34.92 -0.99 0.00	39.67 -0.91 0.00	45.80 -1.05 0.00	48.14 -0.58 0.00	51.68 -0.79 0.00	50.19 -1.29 0.00	53.29 -1.04 0.00	55.66 -0.51 0.00	66.83 -1.00 0.00	49.21 -1.00 3.26	50.85 -0.74 3.47	36.99 -0.84 4.65
BARON_WINDS___WT_PWR 323822	46.91 -0.62 -0.70	39.65 -0.84 -0.74	33.29 -0.88 -0.01	32.60 -1.02 0.00	31.49 -0.92 0.00	32.23 -0.94 -0.04	30.84 -1.10 0.00	30.63 -1.48 0.00	29.99 -1.50 0.00	30.13 -1.21 0.00	33.38 -1.17 0.00	32.80 -1.13 0.00	34.74 -1.17 0.00	39.50 -1.08 0.00	45.61 -1.24 0.00	47.65 -1.07 0.00	51.16 -1.31 0.00	50.04 -1.44 0.00	53.41 -0.91 0.00	55.88 -0.29 0.00	67.47 -0.35 0.00	54.73 -0.53 -1.80	56.52 -0.45 -1.92	44.51 -0.54 -2.57
BARRETT_IC_1 23704	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_10 23701	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_11 23702	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_12 23703	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_2 23705	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_3 23706	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_4 23707	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_5 23708	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00

BARRETT_IC_6 23709	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_7 23710	48.66 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.20 1.66 0.00	35.73 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.08 2.60 0.00	57.61 3.28 0.00	59.12 2.96 0.00	71.10 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.23 0.00
BARRETT_IC_8 23711	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT_IC_9 23700	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT___1 23545	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BARRETT___2 23546	48.67 1.84 0.00	41.16 1.41 0.00	35.36 1.20 0.00	34.95 1.33 0.00	33.69 1.28 0.00	34.28 1.15 0.00	33.13 1.19 0.00	33.26 1.15 0.00	32.64 1.15 0.00	32.72 1.38 0.00	36.21 1.67 0.00	35.74 1.80 0.00	38.13 2.22 0.00	43.15 2.58 0.00	49.68 2.84 0.00	51.55 2.83 0.00	55.40 2.93 0.00	54.09 2.61 0.00	57.61 3.28 0.00	59.12 2.95 0.00	71.11 3.28 0.00	55.80 2.34 0.00	57.31 2.25 0.00	44.71 2.22 0.00
BATAVIA___115KV_TB1 55881	46.57 -0.25 0.00	39.23 -0.53 0.00	33.58 -0.58 0.00	32.74 -0.87 0.00	31.52 -0.88 0.00	32.19 -0.94 0.00	30.83 -1.11 0.00	30.57 -1.54 0.00	30.23 -1.26 0.00	30.24 -1.10 0.00	33.48 -1.06 0.00	32.95 -0.98 0.00	34.93 -0.98 0.00	39.57 -1.01 0.00	45.86 -0.99 0.00	48.24 -0.48 0.00	52.26 -0.21 0.00	50.91 -0.57 0.00	53.82 -0.51 0.00	56.45 0.28 0.00	68.16 0.33 0.00	53.74 0.28 0.00	55.55 0.48 0.00	42.46 -0.02 0.00
BAYONEEC___CTG1 323682	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG10 323750	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG2 323683	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG3 323684	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG4 323685	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG5 323686	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG6 323687	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG7 323688	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00

BAYONEEC___CTG8 323689	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYONEEC___CTG9 323749	48.75 1.93 0.00	41.24 1.50 0.00	35.44 1.28 0.00	34.94 1.32 0.00	33.70 1.29 0.00	34.33 1.20 0.00	33.13 1.19 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.70 1.77 0.00	38.04 2.13 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.94 3.22 0.00	55.80 3.34 0.00	54.26 2.78 0.00	57.77 3.44 0.00	59.72 3.55 0.00	71.88 4.05 0.00	56.21 2.75 0.00	57.68 2.62 0.00	44.66 2.18 0.00
BAYPORT_69_KV_BK 2 356364	49.66 2.83 0.00	41.67 1.92 0.00	35.77 1.62 0.00	35.47 1.85 0.00	34.17 1.77 0.00	34.78 1.65 0.00	33.73 1.79 0.00	33.78 1.67 0.00	33.15 1.66 0.00	33.26 1.92 0.00	36.78 2.23 0.00	36.22 2.29 0.00	38.72 2.81 0.00	43.74 3.17 0.00	50.37 3.52 0.00	52.33 3.61 0.00	56.08 3.61 0.00	54.98 3.50 0.00	58.72 4.39 0.00	60.02 3.86 0.00	71.91 4.08 0.00	56.53 3.07 0.00	57.89 2.83 0.00	45.40 2.92 0.00
BEACON___LESR 323632	47.41 0.58 0.00	40.36 0.60 0.00	34.73 0.57 0.00	34.38 0.76 0.00	33.15 0.74 0.00	33.82 0.70 0.00	32.65 0.72 0.00	32.77 0.66 0.00	32.01 0.52 0.00	31.84 0.50 0.00	34.83 0.29 0.00	34.22 0.29 0.00	36.32 0.41 0.00	41.03 0.45 0.00	47.23 0.39 0.00	49.10 0.38 0.00	52.89 0.43 0.00	52.07 0.59 0.00	55.22 0.89 0.00	57.23 1.06 0.00	68.79 0.96 0.00	54.11 0.65 0.00	55.74 0.68 0.00	42.99 0.51 0.00
BEAVER RIVER___HYD 24048	47.68 0.86 0.00	40.40 0.64 0.00	34.58 0.42 0.00	34.02 0.40 0.00	32.81 0.41 0.00	33.87 0.74 0.00	32.64 0.70 0.00	32.70 0.59 0.00	31.99 0.50 0.00	31.71 0.37 0.00	35.00 0.45 0.00	34.26 0.33 0.00	36.23 0.31 0.00	41.09 0.51 0.00	47.39 0.54 0.00	49.18 0.47 0.00	52.96 0.50 0.00	52.36 0.88 0.00	55.74 1.41 0.00	58.75 2.58 0.00	71.48 3.65 0.00	56.27 2.81 0.00	57.78 2.71 0.00	44.24 1.76 0.00
BEEBEE_GT_13 23619	46.54 -0.28 0.00	39.28 -0.47 0.00	33.63 -0.53 0.00	32.89 -0.73 0.00	31.67 -0.74 0.00	32.33 -0.80 0.00	31.05 -0.89 0.00	30.96 -1.15 0.00	30.66 -0.82 0.00	30.79 -0.55 0.00	34.16 -0.39 0.00	33.64 -0.29 0.00	35.60 -0.31 0.00	40.39 -0.18 0.00	46.65 -0.20 0.00	48.91 0.20 0.00	52.71 0.24 0.00	51.58 0.10 0.00	54.61 0.28 0.00	56.79 0.62 0.00	68.26 0.43 0.00	53.70 0.24 0.00	55.38 0.32 0.00	42.44 -0.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.98 2.15 0.00	41.47 1.72 0.00	35.60 1.44 0.00	35.07 1.45 0.00	33.83 1.42 0.00	34.46 1.33 0.00	33.26 1.32 0.00	33.45 1.34 0.00	32.83 1.34 0.00	32.87 1.52 0.00	36.45 1.91 0.00	36.03 2.10 0.00	38.34 2.43 0.00	43.46 2.89 0.00	50.34 3.49 0.00	52.31 3.60 0.00	56.30 3.83 0.00	54.79 3.31 0.00	58.32 3.99 0.00	60.34 4.17 0.00	72.63 4.80 0.00	56.81 3.35 0.00	58.17 3.10 0.00	45.10 2.62 0.00
BETHLEHEM___GRP 23843	46.63 -0.20 0.00	39.72 -0.02 0.00	34.29 0.13 0.00	34.00 0.38 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.10 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.11 0.00	40.44 -0.14 0.00	46.47 -0.37 0.00	48.21 -0.51 0.00	51.90 -0.56 0.00	51.05 -0.43 0.00	54.10 -0.24 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.15 -0.31 0.00	54.73 -0.34 0.00	42.32 -0.17 0.00
BETHLEHEM___GS1 323560	46.63 -0.20 0.00	39.72 -0.03 0.00	34.29 0.13 0.00	34.00 0.39 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.11 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.10 0.00	40.44 -0.14 0.00	46.47 -0.38 0.00	48.22 -0.50 0.00	51.90 -0.56 0.00	51.06 -0.43 0.00	54.10 -0.23 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.14 -0.32 0.00	54.74 -0.33 0.00	42.31 -0.17 0.00
BETHLEHEM___GS2 323561	46.63 -0.20 0.00	39.72 -0.03 0.00	34.29 0.13 0.00	34.00 0.39 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.11 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.10 0.00	40.44 -0.14 0.00	46.47 -0.38 0.00	48.22 -0.50 0.00	51.90 -0.56 0.00	51.06 -0.43 0.00	54.10 -0.23 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.14 -0.32 0.00	54.74 -0.33 0.00	42.31 -0.17 0.00
BETHLEHEM___GS3 323562	46.63 -0.20 0.00	39.72 -0.03 0.00	34.29 0.13 0.00	34.00 0.39 0.00	32.77 0.37 0.00	33.50 0.37 0.00	32.31 0.37 0.00	32.40 0.29 0.00	31.69 0.20 0.00	31.45 0.11 0.00	34.39 -0.15 0.00	33.75 -0.18 0.00	35.81 -0.10 0.00	40.44 -0.14 0.00	46.47 -0.38 0.00	48.22 -0.50 0.00	51.90 -0.56 0.00	51.06 -0.43 0.00	54.10 -0.23 0.00	56.08 -0.09 0.00	67.42 -0.41 0.00	53.14 -0.32 0.00	54.74 -0.33 0.00	42.31 -0.17 0.00
BETHLEHEM___STEEL 23779	45.84 -0.99 0.00	38.54 -1.21 0.00	32.94 -1.22 0.00	32.15 -1.46 0.00	30.97 -1.44 0.00	31.61 -1.52 0.00	30.27 -1.67 0.00	30.09 -2.02 0.00	29.95 -1.54 0.00	30.21 -1.13 0.00	33.57 -0.97 0.00	33.04 -0.89 0.00	34.89 -1.02 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.62 0.00	51.66 -0.81 0.00	50.22 -1.26 0.00	53.13 -1.20 0.00	55.44 -0.73 0.00	66.60 -1.23 0.00	52.48 -0.98 0.00	54.44 -0.63 0.00	41.72 -0.76 0.00
BETHLHEM_115KV_TB1 79974	46.75 -0.07 0.00	39.81 0.07 0.00	34.36 0.20 0.00	34.03 0.41 0.00	32.79 0.39 0.00	33.53 0.40 0.00	32.33 0.39 0.00	32.43 0.33 0.00	31.72 0.23 0.00	31.50 0.16 0.00	34.47 -0.07 0.00	33.84 -0.09 0.00	35.90 -0.01 0.00	40.54 -0.03 0.00	46.62 -0.23 0.00	48.37 -0.35 0.00	52.07 -0.40 0.00	51.20 -0.28 0.00	54.25 -0.08 0.00	56.24 0.07 0.00	67.64 -0.19 0.00	53.29 -0.17 0.00	54.89 -0.17 0.00	42.43 -0.05 0.00
BETHPAGE_CC_5 323564	49.11 2.29 0.00	41.43 1.68 0.00	35.58 1.42 0.00	35.18 1.57 0.00	33.91 1.51 0.00	34.51 1.38 0.00	33.37 1.43 0.00	33.48 1.37 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.40 1.85 0.00	35.86 1.93 0.00	38.28 2.36 0.00	43.29 2.71 0.00	49.79 2.94 0.00	51.64 2.93 0.00	55.39 2.92 0.00	54.09 2.61 0.00	57.66 3.33 0.00	59.15 2.98 0.00	71.06 3.23 0.00	55.76 2.30 0.00	57.15 2.09 0.00	44.75 2.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.96 -0.87 0.00	38.64 -1.11 0.00	33.02 -1.14 0.00	32.23 -1.39 0.00	31.04 -1.36 0.00	31.68 -1.45 0.00	30.34 -1.60 0.00	30.16 -1.95 0.00	30.03 -1.46 0.00	30.29 -1.05 0.00	33.67 -0.88 0.00	33.15 -0.79 0.00	35.00 -0.91 0.00	39.75 -0.82 0.00	45.87 -0.98 0.00	48.25 -0.47 0.00	51.85 -0.62 0.00	50.39 -1.09 0.00	53.34 -0.99 0.00	55.62 -0.55 0.00	66.81 -1.02 0.00	52.64 -0.82 0.00	54.58 -0.49 0.00	41.85 -0.64 0.00

BINGHAMTON___COGEN 23790	46.61 -0.21 0.00	39.40 -0.35 0.00	33.79 -0.36 0.00	33.23 -0.39 0.00	32.08 -0.32 0.00	32.81 -0.32 0.00	31.58 -0.36 0.00	31.68 -0.43 0.00	31.10 -0.39 0.00	31.08 -0.27 0.00	34.25 -0.29 0.00	33.61 -0.32 0.00	35.55 -0.36 0.00	40.31 -0.27 0.00	46.65 -0.19 0.00	48.66 -0.06 0.00	52.43 -0.04 0.00	51.34 -0.14 0.00	54.62 0.29 0.00	56.71 0.54 0.00	68.18 0.35 0.00	53.43 -0.03 0.00	54.99 -0.07 0.00	42.31 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	46.35 -0.47 0.00	38.91 -0.84 0.00	33.25 -0.91 0.00	32.48 -1.14 0.00	31.27 -1.13 0.00	31.88 -1.25 0.00	30.47 -1.47 0.00	30.44 -1.67 0.00	30.30 -1.19 0.00	30.57 -0.78 0.00	33.98 -0.57 0.00	33.38 -0.55 0.00	35.24 -0.67 0.00	40.03 -0.55 0.00	46.13 -0.71 0.00	48.49 -0.23 0.00	52.16 -0.30 0.00	50.63 -0.85 0.00	53.66 -0.68 0.00	56.08 -0.09 0.00	67.26 -0.57 0.00	52.91 -0.55 0.00	54.83 -0.23 0.00	42.06 -0.43 0.00
BLACK RIVER___HYD 24047	48.19 1.37 0.00	40.80 1.05 0.00	34.88 0.72 0.00	34.29 0.68 0.00	33.09 0.68 0.00	34.17 1.04 0.00	32.93 0.99 0.00	32.89 0.78 0.00	32.16 0.67 0.00	31.90 0.56 0.00	35.18 0.63 0.00	34.47 0.54 0.00	36.46 0.54 0.00	41.31 0.74 0.00	47.59 0.75 0.00	49.36 0.64 0.00	53.13 0.66 0.00	52.57 1.09 0.00	56.26 1.93 0.00	59.88 3.71 0.00	72.98 5.15 0.00	57.39 3.93 0.00	58.72 3.65 0.00	44.80 2.31 0.00
BLACKRVR_115KV_TB2 79977	48.19 1.37 0.00	40.80 1.05 0.00	34.88 0.72 0.00	34.29 0.68 0.00	33.09 0.68 0.00	34.17 1.04 0.00	32.93 0.99 0.00	32.89 0.78 0.00	32.16 0.67 0.00	31.90 0.56 0.00	35.18 0.64 0.00	34.48 0.55 0.00	36.46 0.55 0.00	41.31 0.74 0.00	47.59 0.75 0.00	49.36 0.64 0.00	53.13 0.67 0.00	52.57 1.09 0.00	56.26 1.93 0.00	59.88 3.71 0.00	72.98 5.15 0.00	57.40 3.93 0.00	58.72 3.66 0.00	44.80 2.32 0.00
BLISS_WT_PWR 323608	44.87 -0.48 1.48	37.34 -0.85 1.56	33.24 -0.91 0.01	32.47 -1.15 0.00	31.24 -1.16 0.00	31.75 -1.29 0.09	30.42 -1.52 0.00	30.42 -1.69 0.00	30.30 -1.19 0.00	30.58 -0.77 0.00	33.98 -0.57 0.00	33.38 -0.55 0.00	35.24 -0.67 0.00	40.03 -0.55 0.00	46.12 -0.73 0.00	48.48 -0.24 0.00	52.16 -0.30 0.00	50.60 -0.88 0.00	53.62 -0.71 0.00	56.08 -0.09 0.00	67.25 -0.57 0.00	49.10 -0.58 3.78	50.79 -0.25 4.03	36.66 -0.44 5.39
BLUESTONE___WT_PWR 323821	47.76 0.65 -0.29	40.58 0.52 -0.30	34.50 0.34 0.00	34.15 0.54 0.00	33.13 0.73 0.00	33.81 0.66 -0.02	32.54 0.60 0.00	32.85 0.74 0.00	32.41 0.91 0.00	32.32 0.98 0.00	35.50 0.96 0.00	34.65 0.72 0.00	36.66 0.75 0.00	41.53 0.96 0.00	48.22 1.38 0.00	50.54 1.83 0.00	54.66 2.20 0.00	53.93 2.45 0.00	57.38 3.05 0.00	59.45 3.28 0.00	71.59 3.76 0.00	57.06 2.86 -0.74	58.53 2.68 -0.78	45.39 1.86 -1.05
BLUE_CIRC_CHEM_DRP 24182	47.33 0.50 0.00	40.27 0.52 0.00	34.72 0.56 0.00	34.31 0.69 0.00	33.08 0.68 0.00	33.83 0.70 0.00	32.60 0.66 0.00	32.69 0.58 0.00	31.92 0.43 0.00	31.67 0.33 0.00	34.68 0.14 0.00	34.05 0.12 0.00	36.15 0.24 0.00	40.69 0.12 0.00	46.86 0.02 0.00	48.63 -0.09 0.00	52.34 -0.13 0.00	51.51 0.03 0.00	54.69 0.36 0.00	56.80 0.63 0.00	68.41 0.58 0.00	53.92 0.46 0.00	55.54 0.47 0.00	42.91 0.43 0.00
BOC_GAS_DRP 24189	47.06 0.23 0.00	40.03 0.28 0.00	34.48 0.32 0.00	34.05 0.43 0.00	32.83 0.42 0.00	33.56 0.43 0.00	32.35 0.42 0.00	32.49 0.38 0.00	31.80 0.30 0.00	31.60 0.26 0.00	34.70 0.16 0.00	34.08 0.15 0.00	36.14 0.23 0.00	40.85 0.27 0.00	47.07 0.23 0.00	48.83 0.11 0.00	52.51 0.04 0.00	51.54 0.06 0.00	54.60 0.27 0.00	56.57 0.40 0.00	68.10 0.27 0.00	53.63 0.17 0.00	55.24 0.17 0.00	42.67 0.19 0.00
BOONVILLE_115KV_TB1 79983	47.76 0.94 0.00	40.48 0.73 0.00	34.73 0.57 0.00	34.17 0.55 0.00	32.94 0.54 0.00	33.86 0.72 0.00	32.63 0.69 0.00	32.74 0.63 0.00	32.06 0.57 0.00	31.86 0.52 0.00	35.11 0.56 0.00	34.36 0.43 0.00	36.32 0.41 0.00	41.22 0.64 0.00	47.67 0.82 0.00	49.59 0.87 0.00	53.42 0.96 0.00	52.66 1.18 0.00	56.09 1.76 0.00	58.54 2.37 0.00	70.82 2.99 0.00	55.71 2.26 0.00	57.21 2.15 0.00	43.93 1.45 0.00
BORALEX_4TH_BRANCH 23824	48.06 1.24 0.00	41.02 1.27 0.00	35.34 1.18 0.00	34.81 1.20 0.00	33.52 1.12 0.00	34.29 1.16 0.00	33.09 1.16 0.00	33.21 1.10 0.00	32.26 0.77 0.00	32.03 0.69 0.00	35.13 0.59 0.00	34.33 0.40 0.00	36.24 0.33 0.00	40.95 0.38 0.00	47.04 0.19 0.00	48.64 -0.08 0.00	52.29 -0.17 0.00	51.52 0.04 0.00	54.34 0.01 0.00	56.50 0.33 0.00	67.92 0.09 0.00	54.00 0.54 0.00	56.03 0.97 0.00	43.24 0.75 0.00
BOWLINE___1 23526	48.23 1.41 0.00	40.82 1.07 0.00	35.08 0.92 0.00	34.60 0.99 0.00	33.37 0.97 0.00	34.01 0.88 0.00	32.79 0.85 0.00	32.96 0.85 0.00	32.31 0.82 0.00	32.31 0.97 0.00	35.74 1.20 0.00	35.28 1.35 0.00	37.55 1.64 0.00	42.65 2.08 0.00	49.33 2.48 0.00	51.24 2.52 0.00	55.14 2.68 0.00	53.77 2.29 0.00	57.29 2.96 0.00	59.22 3.05 0.00	71.20 3.37 0.00	55.66 2.20 0.00	57.11 2.05 0.00	44.12 1.64 0.00
BOWLINE___2 23595	48.23 1.41 0.00	40.82 1.07 0.00	35.08 0.92 0.00	34.60 0.99 0.00	33.37 0.97 0.00	34.01 0.88 0.00	32.79 0.85 0.00	32.96 0.85 0.00	32.31 0.82 0.00	32.31 0.97 0.00	35.74 1.20 0.00	35.28 1.35 0.00	37.55 1.64 0.00	42.65 2.08 0.00	49.33 2.48 0.00	51.24 2.52 0.00	55.14 2.68 0.00	53.77 2.29 0.00	57.29 2.96 0.00	59.22 3.05 0.00	71.22 3.39 0.00	55.66 2.20 0.00	57.11 2.05 0.00	44.12 1.64 0.00
BRADY___115KV_TB2 356060	48.09 1.26 0.00	40.73 0.98 0.00	34.94 0.78 0.00	34.28 0.67 0.00	33.03 0.63 0.00	33.77 0.64 0.00	32.58 0.64 0.00	32.91 0.80 0.00	32.23 0.74 0.00	31.84 0.49 0.00	35.09 0.55 0.00	34.50 0.57 0.00	36.49 0.58 0.00	41.17 0.59 0.00	47.67 0.83 0.00	49.58 0.86 0.00	53.41 0.94 0.00	52.67 1.19 0.00	55.12 0.79 0.00	57.28 1.11 0.00	69.57 1.75 0.00	54.79 1.33 0.00	56.54 1.48 0.00	43.58 1.10 0.00
BRANSCOMB___SOLAR 323811	48.47 1.65 0.00	41.26 1.51 0.00	35.47 1.31 0.00	34.91 1.29 0.00	33.63 1.23 0.00	34.39 1.27 0.00	33.16 1.22 0.00	33.15 1.04 0.00	32.23 0.74 0.00	31.87 0.53 0.00	35.02 0.47 0.00	34.39 0.45 0.00	36.53 0.62 0.00	41.21 0.63 0.00	47.35 0.50 0.00	49.09 0.37 0.00	52.93 0.46 0.00	52.42 0.94 0.00	56.09 1.76 0.00	58.41 2.24 0.00	70.38 2.55 0.00	55.47 2.02 0.00	57.16 2.10 0.00	44.03 1.55 0.00
BRDGHMPT_69_KV_BK1 55812	50.25 3.42 0.00	42.00 2.25 0.00	35.96 1.80 0.00	35.66 2.04 0.00	34.39 1.99 0.00	35.04 1.91 0.00	34.00 2.06 0.00	33.97 1.86 0.00	33.34 1.85 0.00	33.56 2.21 0.00	37.06 2.52 0.00	36.36 2.42 0.00	38.79 2.87 0.00	43.68 3.11 0.00	50.46 3.62 0.00	52.64 3.92 0.00	56.52 4.05 0.00	55.67 4.19 0.00	59.56 5.22 0.00	60.96 4.79 0.00	72.89 5.06 0.00	57.46 4.00 0.00	58.74 3.68 0.00	46.13 3.65 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	49.37 2.54 0.00	41.57 1.82 0.00	35.71 1.55 0.00	35.38 1.76 0.00	34.07 1.67 0.00	34.67 1.55 0.00	33.58 1.64 0.00	33.64 1.53 0.00	33.00 1.51 0.00	33.09 1.76 0.00	36.57 2.02 0.00	36.05 2.12 0.00	38.52 2.60 0.00	43.55 2.98 0.00	50.09 3.24 0.00	52.00 3.28 0.00	55.79 3.32 0.00	54.50 3.02 0.00	58.04 3.71 0.00	59.48 3.31 0.00	71.37 3.54 0.00	56.03 2.57 0.00	57.47 2.41 0.00	45.18 2.69 0.00
BRISTLHL_115KV_TB1 79998	45.86 -0.97 0.00	38.94 -0.81 0.00	33.42 -0.74 0.00	32.85 -0.76 0.00	31.66 -0.74 0.00	32.39 -0.74 0.00	31.20 -0.75 0.00	31.29 -0.82 0.00	30.70 -0.79 0.00	30.60 -0.74 0.00	33.75 -0.80 0.00	33.08 -0.85 0.00	34.90 -1.02 0.00	39.47 -1.11 0.00	45.57 -1.28 0.00	47.53 -1.19 0.00	51.26 -1.21 0.00	50.26 -1.22 0.00	53.26 -1.07 0.00	55.29 -0.88 0.00	66.69 -1.14 0.00	52.44 -1.02 0.00	53.92 -1.14 0.00	41.55 -0.94 0.00
BROOKHAVEN___DRP 24191	49.18 2.35 0.00	41.19 1.44 0.00	35.39 1.22 0.00	35.17 1.55 0.00	33.88 1.48 0.00	34.49 1.36 0.00	33.49 1.55 0.00	33.51 1.40 0.00	32.88 1.39 0.00	32.98 1.64 0.00	36.42 1.88 0.00	35.81 1.88 0.00	38.25 2.33 0.00	43.09 2.52 0.00	49.60 2.75 0.00	51.52 2.80 0.00	55.12 2.65 0.00	54.11 2.63 0.00	57.88 3.55 0.00	59.12 2.95 0.00	70.85 3.02 0.00	55.79 2.33 0.00	57.14 2.08 0.00	44.89 2.40 0.00
BROOKLYN_NAVY_YARD 23515	48.72 1.89 0.00	41.22 1.47 0.00	35.42 1.26 0.00	34.91 1.29 0.00	33.67 1.27 0.00	34.31 1.18 0.00	33.10 1.16 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.01 2.10 0.00	43.18 2.61 0.00	49.97 3.12 0.00	51.91 3.19 0.00	55.75 3.29 0.00	54.23 2.75 0.00	57.73 3.40 0.00	59.68 3.51 0.00	71.85 4.02 0.00	56.19 2.73 0.00	57.73 2.67 0.00	44.68 2.20 0.00
BROOKLYN___ARMY_DRP 323595	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
BROOME_2_LFGE 323671	46.95 -0.21 -0.34	39.76 -0.35 -0.36	33.80 -0.36 0.00	33.24 -0.38 0.00	32.08 -0.32 0.00	32.83 -0.32 -0.02	31.58 -0.36 0.00	31.68 -0.43 0.00	31.10 -0.39 0.00	31.07 -0.27 0.00	34.25 -0.30 0.00	33.61 -0.33 0.00	35.55 -0.36 0.00	40.31 -0.27 0.00	46.65 -0.19 0.00	48.66 -0.06 0.00	52.43 -0.04 0.00	51.34 -0.14 0.00	54.62 0.29 0.00	56.71 0.54 0.00	68.18 0.35 0.00	54.30 -0.03 -0.86	55.92 -0.07 -0.92	43.55 -0.17 -1.23
BROOME___LFGE 323600	46.95 -0.21 -0.34	39.76 -0.35 -0.36	33.80 -0.36 0.00	33.24 -0.38 0.00	32.08 -0.32 0.00	32.83 -0.32 -0.02	31.58 -0.36 0.00	31.68 -0.43 0.00	31.10 -0.39 0.00	31.07 -0.27 0.00	34.25 -0.30 0.00	33.61 -0.33 0.00	35.55 -0.36 0.00	40.31 -0.27 0.00	46.65 -0.19 0.00	48.66 -0.06 0.00	52.43 -0.04 0.00	51.34 -0.14 0.00	54.62 0.29 0.00	56.71 0.54 0.00	68.18 0.35 0.00	54.30 -0.03 -0.86	55.92 -0.07 -0.92	43.55 -0.17 -1.23
BROWNFLS_115KV_TB 3_5 80003	47.57 0.75 0.00	40.30 0.54 0.00	34.52 0.36 0.00	33.93 0.31 0.00	32.71 0.31 0.00	33.63 0.50 0.00	32.42 0.48 0.00	32.60 0.49 0.00	31.94 0.45 0.00	31.66 0.33 0.00	34.94 0.39 0.00	34.27 0.34 0.00	36.23 0.32 0.00	41.02 0.44 0.00	47.34 0.50 0.00	49.18 0.46 0.00	53.01 0.55 0.00	52.34 0.86 0.00	55.31 0.98 0.00	57.88 1.71 0.00	70.26 2.43 0.00	55.32 1.86 0.00	56.91 1.84 0.00	43.69 1.21 0.00
BROWNSV1_27_KV_LOAD 356125	49.10 2.27 0.00	41.53 1.78 0.00	35.66 1.50 0.00	35.16 1.55 0.00	33.91 1.51 0.00	34.54 1.41 0.00	33.33 1.39 0.00	33.51 1.40 0.00	32.90 1.41 0.00	32.93 1.59 0.00	36.41 1.86 0.00	35.95 2.02 0.00	38.32 2.41 0.00	43.54 2.96 0.00	50.39 3.55 0.00	52.35 3.64 0.00	56.26 3.79 0.00	54.72 3.24 0.00	58.26 3.93 0.00	60.20 4.03 0.00	72.47 4.64 0.00	56.68 3.22 0.00	58.15 3.08 0.00	45.01 2.53 0.00
BURROWS___LYONSDAL 23803	47.69 0.87 0.00	40.43 0.67 0.00	34.66 0.50 0.00	34.11 0.50 0.00	32.89 0.49 0.00	33.86 0.73 0.00	32.63 0.69 0.00	32.73 0.62 0.00	32.05 0.56 0.00	31.83 0.48 0.00	35.09 0.54 0.00	34.33 0.40 0.00	36.30 0.38 0.00	41.20 0.63 0.00	47.61 0.76 0.00	49.51 0.79 0.00	53.32 0.85 0.00	52.59 1.11 0.00	56.00 1.67 0.00	58.60 2.43 0.00	70.97 3.14 0.00	55.87 2.41 0.00	57.37 2.30 0.00	44.02 1.54 0.00
CAITHNESS_CC_1 323624	49.09 2.26 0.00	41.17 1.42 0.00	35.37 1.21 0.00	35.12 1.50 0.00	33.85 1.45 0.00	34.45 1.33 0.00	33.44 1.50 0.00	33.45 1.35 0.00	32.82 1.33 0.00	32.92 1.58 0.00	36.39 1.84 0.00	35.78 1.85 0.00	38.21 2.30 0.00	43.08 2.51 0.00	49.55 2.71 0.00	51.45 2.73 0.00	55.07 2.61 0.00	54.01 2.53 0.00	57.72 3.39 0.00	58.99 2.82 0.00	70.73 2.90 0.00	55.67 2.21 0.00	57.04 1.97 0.00	44.81 2.32 0.00
CALPINE BETH_PAGE_GT4 24209	49.10 2.28 0.00	41.45 1.70 0.00	35.59 1.43 0.00	35.19 1.58 0.00	33.92 1.51 0.00	34.51 1.39 0.00	33.37 1.43 0.00	33.49 1.38 0.00	32.85 1.37 0.00	32.95 1.61 0.00	36.42 1.88 0.00	35.91 1.98 0.00	38.33 2.42 0.00	43.31 2.73 0.00	49.84 2.99 0.00	51.72 3.00 0.00	55.36 2.89 0.00	54.07 2.59 0.00	57.62 3.29 0.00	59.14 2.97 0.00	71.03 3.20 0.00	55.74 2.28 0.00	57.13 2.07 0.00	44.77 2.29 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.10 2.28 0.00	41.45 1.70 0.00	35.59 1.43 0.00	35.19 1.57 0.00	33.92 1.51 0.00	34.52 1.39 0.00	33.37 1.43 0.00	33.49 1.38 0.00	32.86 1.37 0.00	32.95 1.61 0.00	36.43 1.88 0.00	35.92 1.99 0.00	38.33 2.42 0.00	43.30 2.73 0.00	49.84 2.99 0.00	51.72 3.00 0.00	55.37 2.90 0.00	54.07 2.59 0.00	57.62 3.29 0.00	59.14 2.97 0.00	71.04 3.21 0.00	55.74 2.28 0.00	57.13 2.07 0.00	44.77 2.28 0.00
CALPINE_BP_GT1 23823	49.10 2.28 0.00	41.45 1.70 0.00	35.59 1.43 0.00	35.19 1.57 0.00	33.92 1.51 0.00	34.52 1.39 0.00	33.37 1.43 0.00	33.49 1.38 0.00	32.86 1.37 0.00	32.95 1.61 0.00	36.43 1.88 0.00	35.92 1.99 0.00	38.33 2.42 0.00	43.30 2.73 0.00	49.84 2.99 0.00	51.72 3.00 0.00	55.37 2.90 0.00	54.07 2.59 0.00	57.62 3.29 0.00	59.14 2.97 0.00	71.04 3.21 0.00	55.74 2.28 0.00	57.13 2.07 0.00	44.77 2.28 0.00
CALSPAN___DRP 24200	45.84 -0.99 0.00	38.54 -1.21 0.00	32.94 -1.22 0.00	32.15 -1.46 0.00	30.97 -1.44 0.00	31.61 -1.52 0.00	30.27 -1.67 0.00	30.09 -2.02 0.00	29.95 -1.54 0.00	30.21 -1.13 0.00	33.57 -0.97 0.00	33.04 -0.89 0.00	34.89 -1.02 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.62 0.00	51.66 -0.81 0.00	50.22 -1.26 0.00	53.13 -1.20 0.00	55.44 -0.73 0.00	66.60 -1.23 0.00	52.48 -0.98 0.00	54.44 -0.63 0.00	41.72 -0.76 0.00

CALVERTON___SOLAR 323806	49.31 2.49 0.00	41.26 1.51 0.00	35.44 1.28 0.00	35.22 1.60 0.00	33.95 1.54 0.00	34.56 1.43 0.00	33.57 1.64 0.00	33.59 1.48 0.00	32.95 1.46 0.00	33.06 1.72 0.00	36.52 1.97 0.00	35.87 1.94 0.00	38.30 2.39 0.00	43.15 2.57 0.00	49.68 2.83 0.00	51.63 2.91 0.00	55.26 2.79 0.00	54.29 2.82 0.00	58.12 3.78 0.00	59.32 3.15 0.00	71.09 3.26 0.00	56.01 2.55 0.00	57.34 2.27 0.00	45.02 2.53 0.00
CANDIGU_WT_PWR 323617	46.91 -0.62 -0.70	39.65 -0.84 -0.74	33.29 -0.88 -0.01	32.60 -1.02 0.00	31.49 -0.92 0.00	32.23 -0.94 -0.04	30.84 -1.10 0.00	30.63 -1.48 0.00	29.99 -1.50 0.00	30.13 -1.21 0.00	33.38 -1.17 0.00	32.80 -1.13 0.00	34.74 -1.17 0.00	39.50 -1.08 0.00	45.61 -1.24 0.00	47.65 -1.07 0.00	51.16 -1.31 0.00	50.04 -1.44 0.00	53.41 -0.91 0.00	55.88 -0.29 0.00	67.47 -0.35 0.00	54.73 -0.53 -1.80	56.52 -0.45 -1.92	44.51 -0.54 -2.57
CARR STREET_E_SYR 24060	46.32 -0.51 0.00	39.30 -0.45 0.00	33.71 -0.45 0.00	33.14 -0.47 0.00	31.95 -0.45 0.00	32.67 -0.46 0.00	31.46 -0.48 0.00	31.55 -0.56 0.00	30.98 -0.51 0.00	30.90 -0.44 0.00	34.08 -0.46 0.00	33.45 -0.48 0.00	35.35 -0.56 0.00	39.99 -0.58 0.00	46.24 -0.61 0.00	48.22 -0.50 0.00	52.01 -0.46 0.00	51.03 -0.45 0.00	54.09 -0.24 0.00	56.03 -0.14 0.00	67.46 -0.37 0.00	53.03 -0.43 0.00	54.55 -0.52 0.00	42.01 -0.47 0.00
CARTHAGE___PAPER 23857	48.10 1.28 0.00	40.74 0.99 0.00	34.85 0.69 0.00	34.27 0.65 0.00	33.06 0.65 0.00	34.12 0.99 0.00	32.89 0.95 0.00	32.92 0.81 0.00	32.17 0.68 0.00	31.85 0.51 0.00	35.15 0.61 0.00	34.40 0.47 0.00	36.39 0.48 0.00	41.24 0.67 0.00	47.54 0.70 0.00	49.32 0.60 0.00	53.12 0.66 0.00	52.61 1.13 0.00	56.18 1.85 0.00	59.50 3.33 0.00	72.48 4.65 0.00	57.03 3.56 0.00	58.46 3.39 0.00	44.66 2.18 0.00
CASSADAGA_WT_PWR 323784	45.46 0.03 1.40	37.71 -0.56 1.48	33.39 -0.76 0.01	32.77 -0.85 0.00	31.62 -0.78 0.00	32.16 -0.88 0.08	30.92 -1.02 0.00	30.69 -1.42 0.00	30.53 -0.95 0.00	30.82 -0.52 0.00	34.25 -0.29 0.00	33.68 -0.25 0.00	35.61 -0.30 0.00	40.45 -0.12 0.00	46.73 -0.12 0.00	49.12 0.41 0.00	52.65 0.18 0.00	51.17 -0.31 0.00	54.52 0.19 0.00	56.99 0.82 0.00	68.39 0.56 0.00	49.91 0.03 3.58	51.32 0.06 3.81	37.10 -0.28 5.10
CE_DUNWOOD___DRP 24194	48.48 1.65 0.00	41.03 1.27 0.00	35.25 1.09 0.00	34.77 1.15 0.00	33.54 1.13 0.00	34.18 1.05 0.00	32.96 1.02 0.00	33.13 1.02 0.00	32.48 0.99 0.00	32.48 1.14 0.00	35.91 1.37 0.00	35.44 1.51 0.00	37.75 1.84 0.00	42.87 2.29 0.00	49.57 2.72 0.00	51.49 2.77 0.00	55.36 2.89 0.00	53.95 2.47 0.00	57.43 3.10 0.00	59.37 3.20 0.00	71.40 3.57 0.00	55.87 2.41 0.00	57.32 2.25 0.00	44.35 1.86 0.00
CE_MILLWOOD___DRP 24193	48.38 1.56 0.00	40.96 1.20 0.00	35.19 1.03 0.00	34.71 1.10 0.00	33.48 1.08 0.00	34.12 0.99 0.00	32.90 0.96 0.00	33.08 0.96 0.00	32.41 0.93 0.00	32.41 1.07 0.00	35.83 1.29 0.00	35.37 1.43 0.00	37.65 1.74 0.00	42.76 2.19 0.00	49.45 2.60 0.00	51.36 2.64 0.00	55.24 2.77 0.00	53.84 2.37 0.00	57.33 3.00 0.00	59.26 3.10 0.00	71.27 3.44 0.00	55.76 2.30 0.00	57.20 2.14 0.00	44.24 1.76 0.00
CE_NYC2_DRP 24202	48.68 1.86 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.90 1.29 0.00	33.68 1.28 0.00	34.31 1.18 0.00	33.12 1.18 0.00	33.31 1.20 0.00	32.68 1.20 0.00	32.71 1.37 0.00	36.17 1.63 0.00	35.73 1.80 0.00	38.05 2.14 0.00	43.18 2.61 0.00	49.97 3.13 0.00	51.89 3.18 0.00	55.68 3.22 0.00	54.18 2.70 0.00	57.61 3.28 0.00	59.59 3.42 0.00	71.75 3.92 0.00	56.13 2.67 0.00	57.54 2.48 0.00	44.66 2.18 0.00
CE_NYC_DRP 24195	48.78 1.96 0.00	41.26 1.51 0.00	35.45 1.29 0.00	34.95 1.33 0.00	33.71 1.31 0.00	34.35 1.22 0.00	33.14 1.21 0.00	33.33 1.22 0.00	32.70 1.21 0.00	32.72 1.38 0.00	36.18 1.64 0.00	35.72 1.79 0.00	38.07 2.16 0.00	43.26 2.68 0.00	50.05 3.20 0.00	51.98 3.26 0.00	55.85 3.38 0.00	54.30 2.82 0.00	57.82 3.49 0.00	59.76 3.60 0.00	71.94 4.11 0.00	56.27 2.81 0.00	57.73 2.66 0.00	44.70 2.21 0.00
CHAFFEE___LFGE 323603	44.67 -0.82 1.33	37.25 -1.10 1.41	33.02 -1.13 0.01	32.23 -1.38 0.00	31.05 -1.35 0.00	31.63 -1.42 0.08	30.36 -1.58 0.00	30.18 -1.93 0.00	30.05 -1.44 0.00	30.30 -1.04 0.00	33.68 -0.87 0.00	33.14 -0.79 0.00	35.02 -0.89 0.00	39.82 -0.76 0.00	45.96 -0.89 0.00	48.32 -0.40 0.00	51.92 -0.55 0.00	50.57 -0.91 0.00	53.46 -0.87 0.00	55.79 -0.38 0.00	66.97 -0.86 0.00	49.34 -0.71 3.41	51.05 -0.38 3.64	37.02 -0.60 4.86
CHATEAUG_35_KV_LOAD 355732	47.35 0.53 0.00	40.16 0.41 0.00	34.48 0.32 0.00	33.84 0.22 0.00	32.56 0.15 0.00	33.25 0.12 0.00	32.08 0.15 0.00	32.38 0.27 0.00	31.82 0.33 0.00	31.64 0.30 0.00	34.95 0.41 0.00	34.35 0.42 0.00	36.38 0.47 0.00	41.03 0.46 0.00	47.38 0.53 0.00	49.26 0.54 0.00	53.08 0.62 0.00	52.24 0.76 0.00	54.80 0.47 0.00	56.48 0.31 0.00	68.23 0.40 0.00	53.72 0.26 0.00	55.36 0.29 0.00	42.76 0.28 0.00
CHATEAUG_WT_PWR 323614	47.24 0.42 0.00	40.08 0.33 0.00	34.42 0.26 0.00	33.78 0.16 0.00	32.52 0.12 0.00	33.22 0.09 0.00	32.05 0.11 0.00	32.36 0.25 0.00	31.80 0.31 0.00	31.62 0.29 0.00	34.92 0.38 0.00	34.32 0.39 0.00	36.36 0.45 0.00	41.01 0.43 0.00	47.37 0.53 0.00	49.24 0.52 0.00	53.05 0.59 0.00	52.22 0.74 0.00	54.73 0.40 0.00	56.40 0.23 0.00	68.07 0.24 0.00	53.59 0.13 0.00	55.25 0.18 0.00	42.69 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	47.35 0.53 0.00	40.16 0.41 0.00	34.48 0.32 0.00	33.84 0.22 0.00	32.56 0.15 0.00	33.25 0.12 0.00	32.08 0.15 0.00	32.38 0.27 0.00	31.82 0.33 0.00	31.64 0.30 0.00	34.95 0.41 0.00	34.35 0.42 0.00	36.38 0.47 0.00	41.03 0.46 0.00	47.38 0.53 0.00	49.26 0.54 0.00	53.08 0.62 0.00	52.24 0.76 0.00	54.80 0.47 0.00	56.48 0.31 0.00	68.23 0.40 0.00	53.72 0.26 0.00	55.36 0.29 0.00	42.76 0.28 0.00
CHAUTAUQUA___LFGE 323629	44.96 -0.53 1.34	37.36 -0.97 1.42	33.09 -1.06 0.01	32.43 -1.18 0.00	31.29 -1.11 0.00	31.85 -1.20 0.08	30.60 -1.34 0.00	30.41 -1.70 0.00	30.21 -1.29 0.00	30.48 -0.87 0.00	33.84 -0.70 0.00	33.27 -0.66 0.00	35.17 -0.74 0.00	39.96 -0.61 0.00	46.20 -0.64 0.00	48.56 -0.16 0.00	52.06 -0.40 0.00	50.54 -0.94 0.00	53.81 -0.52 0.00	56.27 0.10 0.00	67.56 -0.27 0.00	49.48 -0.56 3.43	51.02 -0.39 3.65	36.98 -0.62 4.89
CHERRYST_13_KV_LD 356241	48.91 2.08 0.00	41.38 1.62 0.00	35.54 1.38 0.00	35.04 1.42 0.00	33.79 1.39 0.00	34.43 1.30 0.00	33.22 1.28 0.00	33.42 1.31 0.00	32.79 1.30 0.00	32.82 1.48 0.00	36.29 1.75 0.00	35.84 1.91 0.00	38.20 2.28 0.00	43.39 2.82 0.00	50.21 3.36 0.00	52.15 3.43 0.00	56.02 3.55 0.00	54.49 3.01 0.00	57.99 3.66 0.00	59.95 3.78 0.00	72.17 4.34 0.00	56.45 2.99 0.00	57.90 2.84 0.00	44.82 2.34 0.00

CHESTROR_138KV_BK263 355645	48.04 1.21 0.00	40.68 0.93 0.00	34.96 0.80 0.00	34.47 0.85 0.00	33.24 0.84 0.00	33.90 0.77 0.00	32.68 0.74 0.00	32.84 0.73 0.00	32.17 0.68 0.00	32.12 0.78 0.00	35.49 0.95 0.00	35.01 1.08 0.00	37.24 1.33 0.00	42.28 1.70 0.00	48.91 2.07 0.00	50.82 2.11 0.00	54.76 2.29 0.00	53.48 2.00 0.00	56.95 2.62 0.00	58.89 2.73 0.00	70.84 3.01 0.00	55.41 1.95 0.00	56.86 1.80 0.00	43.91 1.43 0.00
CH_MIDHUDSON___DRP 24192	48.30 1.48 0.00	40.94 1.18 0.00	35.20 1.04 0.00	34.72 1.10 0.00	33.50 1.10 0.00	34.13 1.01 0.00	32.90 0.96 0.00	33.07 0.96 0.00	32.38 0.89 0.00	32.31 0.97 0.00	35.69 1.14 0.00	35.20 1.26 0.00	37.45 1.54 0.00	42.52 1.95 0.00	49.19 2.34 0.00	51.10 2.38 0.00	54.99 2.52 0.00	53.73 2.25 0.00	57.16 2.83 0.00	59.12 2.95 0.00	71.07 3.24 0.00	55.65 2.19 0.00	57.11 2.04 0.00	44.11 1.62 0.00
CH_MISC_IPPS 23765	48.60 1.78 0.00	41.16 1.41 0.00	35.37 1.22 0.00	34.87 1.25 0.00	33.64 1.23 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.55 1.06 0.00	32.50 1.15 0.00	35.91 1.36 0.00	35.44 1.51 0.00	37.72 1.81 0.00	42.85 2.28 0.00	49.60 2.75 0.00	51.59 2.87 0.00	55.57 3.11 0.00	54.30 2.82 0.00	57.79 3.46 0.00	59.75 3.58 0.00	71.82 3.99 0.00	56.19 2.73 0.00	57.63 2.56 0.00	44.46 1.98 0.00
CH_RES_BVR_FALLS 23983	46.75 -0.07 0.00	39.68 -0.07 0.00	34.09 -0.07 0.00	33.55 -0.07 0.00	32.33 -0.07 0.00	33.06 -0.07 0.00	31.90 -0.04 0.00	32.11 0.00 0.00	31.52 0.03 0.00	31.36 0.02 0.00	34.59 0.04 0.00	33.99 0.05 0.00	35.98 0.07 0.00	40.62 0.04 0.00	46.90 0.05 0.00	48.76 0.04 0.00	52.52 0.05 0.00	51.56 0.08 0.00	54.31 -0.02 0.00	56.12 -0.05 0.00	67.78 -0.05 0.00	53.43 -0.03 0.00	55.05 -0.02 0.00	42.48 0.00 0.00
CH_RES_NIAGARA 23895	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
CH_RES_SYRACUSE 23985	46.57 -0.25 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.12 -0.28 0.00	32.85 -0.28 0.00	31.64 -0.30 0.00	31.71 -0.40 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.29 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.35 0.18 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.83 -0.24 0.00	42.21 -0.28 0.00
CLINTON_WT_PWR 323605	47.24 0.42 0.00	40.08 0.33 0.00	34.42 0.26 0.00	33.78 0.16 0.00	32.52 0.12 0.00	33.22 0.09 0.00	32.05 0.11 0.00	32.36 0.25 0.00	31.80 0.31 0.00	31.62 0.29 0.00	34.92 0.38 0.00	34.32 0.39 0.00	36.36 0.45 0.00	41.01 0.43 0.00	47.37 0.53 0.00	49.24 0.52 0.00	53.05 0.59 0.00	52.22 0.74 0.00	54.73 0.40 0.00	56.40 0.23 0.00	68.07 0.24 0.00	53.59 0.13 0.00	55.25 0.18 0.00	42.69 0.20 0.00
CLINTON___LFGE 323618	47.88 1.06 0.00	40.62 0.88 0.00	34.88 0.72 0.00	34.23 0.61 0.00	32.94 0.54 0.00	33.64 0.51 0.00	32.45 0.51 0.00	32.72 0.62 0.00	32.08 0.59 0.00	31.89 0.55 0.00	35.21 0.67 0.00	34.62 0.69 0.00	36.78 0.87 0.00	41.45 0.88 0.00	47.94 1.09 0.00	49.86 1.15 0.00	53.64 1.17 0.00	52.91 1.43 0.00	55.54 1.21 0.00	57.41 1.24 0.00	69.34 1.51 0.00	54.39 0.93 0.00	56.07 1.00 0.00	43.30 0.82 0.00
COBBLENY_34_KV_TB1 80064	45.99 -0.84 0.00	38.65 -1.11 0.00	33.03 -1.13 0.00	32.23 -1.39 0.00	31.05 -1.35 0.00	31.71 -1.42 0.00	30.36 -1.58 0.00	30.18 -1.93 0.00	30.05 -1.44 0.00	30.30 -1.04 0.00	33.68 -0.86 0.00	33.16 -0.77 0.00	35.03 -0.89 0.00	39.81 -0.76 0.00	45.96 -0.89 0.00	48.33 -0.39 0.00	51.94 -0.53 0.00	50.58 -0.90 0.00	53.45 -0.88 0.00	55.77 -0.39 0.00	66.96 -0.87 0.00	52.75 -0.72 0.00	54.67 -0.39 0.00	41.87 -0.62 0.00
COFFEEN___115KV_TB3 355620	48.41 1.59 0.00	40.98 1.23 0.00	35.03 0.87 0.00	34.44 0.82 0.00	33.23 0.82 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.00 0.89 0.00	32.26 0.76 0.00	31.99 0.65 0.00	35.26 0.71 0.00	34.56 0.62 0.00	36.53 0.62 0.00	41.41 0.84 0.00	47.68 0.84 0.00	49.47 0.75 0.00	53.31 0.84 0.00	52.71 1.23 0.00	56.47 2.14 0.00	60.14 3.97 0.00	73.31 5.49 0.00	57.65 4.19 0.00	58.95 3.89 0.00	44.96 2.48 0.00
COLDSPRG_115KV_BK1 355956	47.12 0.29 0.00	39.47 -0.28 0.00	33.67 -0.49 0.00	32.98 -0.64 0.00	31.80 -0.60 0.00	32.47 -0.66 0.00	31.11 -0.83 0.00	30.96 -1.15 0.00	30.75 -0.74 0.00	31.00 -0.34 0.00	34.46 -0.08 0.00	33.86 -0.07 0.00	35.75 -0.16 0.00	40.65 0.07 0.00	46.93 0.08 0.00	49.30 0.58 0.00	52.92 0.46 0.00	51.45 -0.03 0.00	54.80 0.47 0.00	57.25 1.09 0.00	68.71 0.88 0.00	53.88 0.42 0.00	55.65 0.59 0.00	42.58 0.10 0.00
COLONIE_LFGE___ 323577	47.78 0.96 0.00	40.68 0.93 0.00	35.04 0.88 0.00	34.54 0.93 0.00	33.27 0.87 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.89 0.78 0.00	32.08 0.59 0.00	31.82 0.48 0.00	34.95 0.40 0.00	34.26 0.32 0.00	36.30 0.39 0.00	41.00 0.43 0.00	47.18 0.33 0.00	48.90 0.18 0.00	52.66 0.19 0.00	51.90 0.42 0.00	55.06 0.73 0.00	57.19 1.02 0.00	68.80 0.97 0.00	54.35 0.89 0.00	56.09 1.03 0.00	43.25 0.77 0.00
COOPERNY_115KV_TB1 80082	47.69 0.87 0.00	40.40 0.64 0.00	34.71 0.55 0.00	34.20 0.58 0.00	32.98 0.57 0.00	33.66 0.53 0.00	32.44 0.50 0.00	32.61 0.50 0.00	31.97 0.48 0.00	31.88 0.54 0.00	35.22 0.67 0.00	34.69 0.76 0.00	36.87 0.95 0.00	41.80 1.23 0.00	48.34 1.50 0.00	50.28 1.56 0.00	54.15 1.68 0.00	52.92 1.44 0.00	56.26 1.93 0.00	58.19 2.02 0.00	70.01 2.18 0.00	54.84 1.38 0.00	56.33 1.27 0.00	43.48 1.00 0.00
COPENHAGEN_WT_PWR 323753	47.68 0.86 0.00	40.38 0.63 0.00	34.51 0.35 0.00	33.95 0.33 0.00	32.77 0.37 0.00	33.88 0.75 0.00	32.67 0.73 0.00	32.65 0.54 0.00	31.99 0.50 0.00	31.77 0.42 0.00	35.04 0.49 0.00	34.34 0.41 0.00	36.31 0.40 0.00	41.13 0.55 0.00	47.37 0.53 0.00	49.08 0.36 0.00	52.76 0.29 0.00	52.17 0.69 0.00	55.82 1.49 0.00	59.36 3.19 0.00	72.32 4.49 0.00	56.90 3.44 0.00	58.21 3.15 0.00	44.43 1.95 0.00
CORNELL_____ 23752	47.23 0.41 0.00	39.97 0.21 0.00	34.26 0.09 0.00	33.70 0.08 0.00	32.51 0.10 0.00	33.26 0.13 0.00	32.03 0.09 0.00	32.12 0.01 0.00	31.48 -0.01 0.00	31.29 -0.05 0.00	34.38 -0.16 0.00	33.65 -0.28 0.00	35.58 -0.34 0.00	40.33 -0.25 0.00	46.75 -0.10 0.00	48.77 0.05 0.00	52.72 0.25 0.00	51.89 0.41 0.00	55.24 0.91 0.00	57.57 1.40 0.00	69.42 1.59 0.00	54.50 1.04 0.00	55.98 0.92 0.00	43.03 0.55 0.00

CORONA_V_69_KV_TB1 355595	48.99 2.16 0.00	41.42 1.66 0.00	35.56 1.40 0.00	35.13 1.51 0.00	33.86 1.46 0.00	34.46 1.33 0.00	33.29 1.35 0.00	33.43 1.32 0.00	32.80 1.31 0.00	32.88 1.54 0.00	36.41 1.86 0.00	35.94 2.01 0.00	38.35 2.44 0.00	43.46 2.88 0.00	50.15 3.30 0.00	52.07 3.36 0.00	55.98 3.52 0.00	54.65 3.17 0.00	58.20 3.87 0.00	59.83 3.66 0.00	71.95 4.12 0.00	56.41 2.95 0.00	57.83 2.76 0.00	44.99 2.51 0.00
CORTLAND_115KV_TB3 80093	46.96 0.14 0.00	39.76 0.01 0.00	34.12 -0.04 0.00	33.56 -0.06 0.00	32.37 -0.04 0.00	33.12 -0.01 0.00	31.90 -0.04 0.00	32.00 -0.10 0.00	31.36 -0.12 0.00	31.25 -0.08 0.00	34.39 -0.15 0.00	33.69 -0.24 0.00	35.62 -0.29 0.00	40.38 -0.20 0.00	46.79 -0.06 0.00	48.82 0.10 0.00	52.65 0.18 0.00	51.64 0.16 0.00	54.95 0.62 0.00	57.12 0.95 0.00	68.81 0.98 0.00	54.04 0.58 0.00	55.54 0.48 0.00	42.73 0.25 0.00
COXSACKIE___GT 23611	48.96 2.13 0.00	41.55 1.80 0.00	35.75 1.59 0.00	35.33 1.72 0.00	34.05 1.65 0.00	34.80 1.68 0.00	33.54 1.60 0.00	33.58 1.47 0.00	32.61 1.12 0.00	32.38 1.05 0.00	35.26 0.72 0.00	34.67 0.74 0.00	36.95 1.03 0.00	41.49 0.92 0.00	47.80 0.96 0.00	49.71 0.99 0.00	53.74 1.27 0.00	53.44 1.96 0.00	57.03 2.70 0.00	59.73 3.56 0.00	72.04 4.22 0.00	56.68 3.22 0.00	58.10 3.03 0.00	44.63 2.15 0.00
CPV_VALLEY___CC1 323721	47.70 0.88 0.00	40.40 0.65 0.00	34.74 0.57 0.00	34.24 0.63 0.00	33.02 0.62 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.64 0.53 0.00	31.98 0.49 0.00	31.93 0.59 0.00	35.29 0.74 0.00	34.79 0.86 0.00	36.99 1.08 0.00	41.96 1.38 0.00	48.53 1.69 0.00	50.43 1.71 0.00	54.28 1.82 0.00	53.01 1.53 0.00	56.42 2.09 0.00	58.33 2.17 0.00	70.18 2.35 0.00	54.94 1.47 0.00	56.40 1.33 0.00	43.54 1.06 0.00
CPV_VALLEY___CC2 323722	47.70 0.88 0.00	40.40 0.65 0.00	34.74 0.57 0.00	34.24 0.63 0.00	33.02 0.62 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.64 0.53 0.00	31.98 0.49 0.00	31.93 0.59 0.00	35.29 0.74 0.00	34.79 0.86 0.00	36.99 1.08 0.00	41.96 1.38 0.00	48.53 1.69 0.00	50.43 1.71 0.00	54.28 1.82 0.00	53.01 1.53 0.00	56.42 2.09 0.00	58.33 2.17 0.00	70.18 2.35 0.00	54.94 1.47 0.00	56.40 1.33 0.00	43.54 1.06 0.00
CRESCENT___HYD 24018	47.78 0.96 0.00	40.68 0.93 0.00	35.04 0.88 0.00	34.54 0.93 0.00	33.27 0.87 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.89 0.78 0.00	32.08 0.59 0.00	31.82 0.48 0.00	34.95 0.40 0.00	34.26 0.32 0.00	36.30 0.39 0.00	41.00 0.43 0.00	47.18 0.33 0.00	48.90 0.18 0.00	52.66 0.19 0.00	51.90 0.42 0.00	55.06 0.73 0.00	57.19 1.02 0.00	68.80 0.97 0.00	54.35 0.89 0.00	56.09 1.03 0.00	43.25 0.77 0.00
CRICKET___VALLEY_CC1 323756	47.61 0.79 0.00	40.45 0.70 0.00	34.83 0.67 0.00	34.40 0.78 0.00	33.23 0.83 0.00	33.80 0.68 0.00	32.54 0.60 0.00	32.69 0.58 0.00	31.95 0.46 0.00	11.36 0.50 20.48	34.04 0.63 1.14	34.03 0.77 0.67	34.01 1.01 2.92	34.03 1.32 7.86	34.03 1.58 14.40	34.03 1.56 16.24	34.52 1.59 19.54	34.75 1.30 18.04	42.01 1.80 14.12	58.10 1.93 0.00	69.85 2.02 0.00	54.69 1.23 0.00	36.70 1.10 19.46	43.43 0.94 0.00
CRICKET___VALLEY_CC2 323757	47.61 0.79 0.00	40.45 0.70 0.00	34.83 0.67 0.00	34.40 0.78 0.00	33.23 0.83 0.00	33.80 0.68 0.00	32.54 0.60 0.00	32.69 0.58 0.00	31.95 0.46 0.00	11.36 0.50 20.48	34.04 0.63 1.14	34.03 0.77 0.67	34.01 1.01 2.92	34.03 1.32 7.86	34.03 1.58 14.40	34.03 1.56 16.24	34.52 1.59 19.54	34.75 1.30 18.04	42.01 1.80 14.12	58.10 1.93 0.00	69.85 2.02 0.00	54.69 1.23 0.00	36.70 1.10 19.46	43.43 0.94 0.00
CRICKET___VALLEY_CC3 323758	47.61 0.79 0.00	40.45 0.70 0.00	34.83 0.67 0.00	34.40 0.78 0.00	33.23 0.83 0.00	33.80 0.68 0.00	32.54 0.60 0.00	32.69 0.58 0.00	31.95 0.46 0.00	11.36 0.50 20.48	34.04 0.63 1.14	34.03 0.77 0.67	34.01 1.01 2.92	34.03 1.32 7.86	34.03 1.58 14.40	34.03 1.56 16.24	34.52 1.59 19.54	34.75 1.30 18.04	42.01 1.80 14.12	58.10 1.93 0.00	69.85 2.02 0.00	54.69 1.23 0.00	36.70 1.10 19.46	43.43 0.94 0.00
CRUCIBLE_METL_DRP 24180	46.57 -0.26 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.13 -0.28 0.00	32.86 -0.28 0.00	31.64 -0.30 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.30 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.34 0.17 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.82 -0.24 0.00	42.21 -0.28 0.00
DAHOWA___HYDRO 323763	48.71 1.89 0.00	41.45 1.70 0.00	35.62 1.47 0.00	35.05 1.44 0.00	33.76 1.36 0.00	34.53 1.40 0.00	33.30 1.36 0.00	33.27 1.17 0.00	32.31 0.82 0.00	31.95 0.61 0.00	35.08 0.54 0.00	34.47 0.54 0.00	36.64 0.72 0.00	41.31 0.74 0.00	47.49 0.64 0.00	49.21 0.49 0.00	53.07 0.60 0.00	52.65 1.17 0.00	56.48 2.15 0.00	58.83 2.66 0.00	70.91 3.08 0.00	55.86 2.40 0.00	57.54 2.48 0.00	44.29 1.81 0.00
DANC___LFGE 323619	47.04 0.21 0.00	39.86 0.11 0.00	34.13 -0.03 0.00	33.55 -0.07 0.00	32.37 -0.03 0.00	33.33 0.20 0.00	32.13 0.18 0.00	32.14 0.03 0.00	31.51 0.02 0.00	31.32 -0.02 0.00	34.55 0.00 0.00	33.88 -0.06 0.00	35.80 -0.11 0.00	40.51 -0.06 0.00	46.71 -0.14 0.00	48.50 -0.22 0.00	52.11 -0.36 0.00	51.42 -0.06 0.00	54.84 0.50 0.00	57.79 1.63 0.00	70.16 2.33 0.00	55.26 1.80 0.00	56.62 1.56 0.00	43.36 0.88 0.00
DANSKAMMER___1 23586	48.60 1.78 0.00	41.16 1.41 0.00	35.37 1.22 0.00	34.87 1.25 0.00	33.64 1.23 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.55 1.06 0.00	32.50 1.15 0.00	35.91 1.36 0.00	35.44 1.51 0.00	37.72 1.81 0.00	42.85 2.28 0.00	49.60 2.75 0.00	51.59 2.87 0.00	55.57 3.11 0.00	54.30 2.82 0.00	57.79 3.46 0.00	59.75 3.58 0.00	71.82 3.99 0.00	56.19 2.73 0.00	57.63 2.56 0.00	44.46 1.98 0.00
DANSKAMMER___2 23589	48.60 1.78 0.00	41.16 1.41 0.00	35.37 1.22 0.00	34.87 1.25 0.00	33.64 1.23 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.55 1.06 0.00	32.50 1.15 0.00	35.91 1.36 0.00	35.44 1.51 0.00	37.72 1.81 0.00	42.85 2.28 0.00	49.60 2.75 0.00	51.59 2.87 0.00	55.57 3.11 0.00	54.30 2.82 0.00	57.79 3.46 0.00	59.75 3.58 0.00	71.82 3.99 0.00	56.19 2.73 0.00	57.63 2.56 0.00	44.46 1.98 0.00
DANSKAMMER___3 23590	48.60 1.78 0.00	41.16 1.41 0.00	35.37 1.22 0.00	34.87 1.25 0.00	33.64 1.23 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.55 1.06 0.00	32.50 1.15 0.00	35.91 1.36 0.00	35.44 1.51 0.00	37.72 1.81 0.00	42.85 2.28 0.00	49.60 2.75 0.00	51.59 2.87 0.00	55.57 3.11 0.00	54.30 2.82 0.00	57.79 3.46 0.00	59.75 3.58 0.00	71.82 3.99 0.00	56.19 2.73 0.00	57.63 2.56 0.00	44.46 1.98 0.00

DANSKAMMER___4 23591	48.60 1.78 0.00	41.16 1.41 0.00	35.37 1.22 0.00	34.87 1.25 0.00	33.64 1.23 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.55 1.06 0.00	32.50 1.15 0.00	35.91 1.36 0.00	35.44 1.51 0.00	37.72 1.81 0.00	42.85 2.28 0.00	49.60 2.75 0.00	51.59 2.87 0.00	55.57 3.11 0.00	54.30 2.82 0.00	57.79 3.46 0.00	59.75 3.58 0.00	71.82 3.99 0.00	56.19 2.73 0.00	57.63 2.56 0.00	44.46 1.98 0.00
DANSKAMMER___DIESEL 23592	48.60 1.78 0.00	41.17 1.41 0.00	35.38 1.22 0.00	34.88 1.26 0.00	33.64 1.23 0.00	34.29 1.16 0.00	33.05 1.11 0.00	33.22 1.11 0.00	32.54 1.06 0.00	32.49 1.15 0.00	35.91 1.36 0.00	35.44 1.50 0.00	37.72 1.81 0.00	42.85 2.28 0.00	49.60 2.75 0.00	51.59 2.87 0.00	55.57 3.11 0.00	54.30 2.82 0.00	57.79 3.46 0.00	59.75 3.58 0.00	71.82 3.99 0.00	56.19 2.73 0.00	57.62 2.55 0.00	44.46 1.98 0.00
DARBY___SOLAR 323810	48.46 1.63 0.00	41.25 1.50 0.00	35.46 1.30 0.00	34.89 1.28 0.00	33.62 1.22 0.00	34.39 1.26 0.00	33.15 1.21 0.00	33.14 1.03 0.00	32.22 0.73 0.00	31.87 0.53 0.00	35.00 0.45 0.00	34.37 0.43 0.00	36.51 0.60 0.00	41.18 0.60 0.00	47.31 0.47 0.00	49.08 0.36 0.00	52.92 0.45 0.00	52.43 0.95 0.00	56.11 1.78 0.00	58.40 2.23 0.00	70.38 2.55 0.00	55.47 2.02 0.00	57.16 2.10 0.00	44.03 1.55 0.00
DASHVILLE___HYD 23610	48.00 1.17 0.00	40.67 0.92 0.00	34.95 0.79 0.00	34.45 0.83 0.00	33.24 0.83 0.00	33.89 0.76 0.00	32.67 0.73 0.00	32.85 0.73 0.00	32.18 0.68 0.00	32.11 0.76 0.00	35.47 0.92 0.00	34.95 1.02 0.00	37.18 1.27 0.00	42.26 1.68 0.00	48.90 2.05 0.00	50.78 2.07 0.00	54.65 2.18 0.00	53.44 1.96 0.00	56.83 2.49 0.00	58.80 2.63 0.00	70.72 2.90 0.00	55.38 1.92 0.00	56.80 1.73 0.00	43.84 1.36 0.00
DELAWARE___LFGE 323621	47.50 0.67 0.00	40.26 0.51 0.00	34.57 0.41 0.00	34.04 0.42 0.00	32.83 0.43 0.00	33.60 0.47 0.00	32.38 0.44 0.00	32.56 0.46 0.00	31.96 0.47 0.00	31.83 0.49 0.00	35.07 0.52 0.00	34.44 0.51 0.00	36.53 0.62 0.00	41.37 0.80 0.00	47.83 0.99 0.00	49.79 1.07 0.00	53.61 1.14 0.00	52.48 1.00 0.00	55.71 1.38 0.00	57.70 1.53 0.00	69.42 1.59 0.00	54.53 1.07 0.00	56.06 1.00 0.00	43.23 0.75 0.00
DERFIELD_115KV_TB7 355931	46.87 0.05 0.00	39.79 0.04 0.00	34.21 0.06 0.00	33.68 0.07 0.00	32.47 0.07 0.00	33.21 0.08 0.00	32.02 0.09 0.00	32.17 0.06 0.00	31.51 0.02 0.00	31.35 0.01 0.00	34.53 -0.02 0.00	33.90 -0.03 0.00	35.88 -0.04 0.00	40.56 -0.02 0.00	46.83 -0.02 0.00	48.69 -0.03 0.00	52.42 -0.05 0.00	51.47 -0.01 0.00	54.47 0.14 0.00	56.41 0.24 0.00	68.06 0.23 0.00	53.60 0.14 0.00	55.17 0.11 0.00	42.57 0.09 0.00
DOGLEVILLE___HYD 23807	47.40 0.57 0.00	40.22 0.47 0.00	34.58 0.42 0.00	34.16 0.54 0.00	32.95 0.55 0.00	33.68 0.55 0.00	32.39 0.45 0.00	32.39 0.28 0.00	31.26 -0.23 0.00	31.05 -0.29 0.00	34.00 -0.55 0.00	33.26 -0.67 0.00	35.08 -0.83 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	47.57 -1.15 0.00	51.52 -0.94 0.00	51.00 -0.48 0.00	55.07 0.74 0.00	57.71 1.54 0.00	69.52 1.69 0.00	54.61 1.15 0.00	56.04 0.97 0.00	43.23 0.74 0.00
DUNKIRK___115KV_TB_200 55889	46.20 -0.62 0.00	38.70 -1.05 0.00	33.05 -1.11 0.00	32.37 -1.24 0.00	31.23 -1.17 0.00	31.89 -1.24 0.00	30.56 -1.38 0.00	30.36 -1.75 0.00	30.15 -1.34 0.00	30.43 -0.91 0.00	33.80 -0.75 0.00	33.24 -0.69 0.00	35.12 -0.79 0.00	39.90 -0.68 0.00	46.12 -0.73 0.00	48.49 -0.23 0.00	51.99 -0.48 0.00	50.47 -1.01 0.00	53.71 -0.62 0.00	56.15 -0.02 0.00	67.42 -0.41 0.00	52.80 -0.66 0.00	54.58 -0.48 0.00	41.78 -0.70 0.00
DUNKIRK___1 23563	46.20 -0.62 0.00	38.70 -1.05 0.00	33.05 -1.11 0.00	32.37 -1.24 0.00	31.23 -1.17 0.00	31.89 -1.24 0.00	30.56 -1.38 0.00	30.36 -1.75 0.00	30.15 -1.34 0.00	30.43 -0.91 0.00	33.80 -0.75 0.00	33.24 -0.69 0.00	35.12 -0.79 0.00	39.90 -0.68 0.00	46.12 -0.73 0.00	48.49 -0.23 0.00	51.99 -0.48 0.00	50.47 -1.01 0.00	53.71 -0.62 0.00	56.15 -0.02 0.00	67.42 -0.41 0.00	52.80 -0.66 0.00	54.58 -0.48 0.00	41.78 -0.70 0.00
DUNKIRK___2 23564	46.20 -0.62 0.00	38.70 -1.05 0.00	33.05 -1.11 0.00	32.37 -1.24 0.00	31.23 -1.17 0.00	31.89 -1.24 0.00	30.56 -1.38 0.00	30.36 -1.75 0.00	30.15 -1.34 0.00	30.43 -0.91 0.00	33.80 -0.75 0.00	33.24 -0.69 0.00	35.12 -0.79 0.00	39.90 -0.68 0.00	46.12 -0.73 0.00	48.49 -0.23 0.00	51.99 -0.48 0.00	50.47 -1.01 0.00	53.71 -0.62 0.00	56.15 -0.02 0.00	67.42 -0.41 0.00	52.80 -0.66 0.00	54.58 -0.48 0.00	41.78 -0.70 0.00
DUNKIRK___3 23565	45.97 -0.85 0.00	38.57 -1.18 0.00	32.95 -1.21 0.00	32.24 -1.37 0.00	31.10 -1.30 0.00	31.76 -1.37 0.00	30.42 -1.52 0.00	30.24 -1.86 0.00	30.05 -1.45 0.00	30.31 -1.03 0.00	33.67 -0.88 0.00	33.12 -0.82 0.00	34.97 -0.94 0.00	39.73 -0.85 0.00	45.89 -0.96 0.00	48.23 -0.49 0.00	51.77 -0.70 0.00	50.28 -1.21 0.00	53.43 -0.90 0.00	55.79 -0.38 0.00	66.98 -0.84 0.00	52.55 -0.92 0.00	54.37 -0.69 0.00	41.65 -0.84 0.00
DUNKIRK___4 23566	45.97 -0.85 0.00	38.57 -1.18 0.00	32.95 -1.21 0.00	32.24 -1.37 0.00	31.10 -1.30 0.00	31.76 -1.37 0.00	30.42 -1.52 0.00	30.24 -1.86 0.00	30.05 -1.45 0.00	30.31 -1.03 0.00	33.67 -0.88 0.00	33.12 -0.82 0.00	34.97 -0.94 0.00	39.73 -0.85 0.00	45.89 -0.96 0.00	48.23 -0.49 0.00	51.77 -0.70 0.00	50.28 -1.21 0.00	53.43 -0.90 0.00	55.79 -0.38 0.00	66.98 -0.84 0.00	52.55 -0.92 0.00	54.37 -0.69 0.00	41.65 -0.84 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.55 1.73 0.00	41.08 1.33 0.00	35.30 1.14 0.00	34.81 1.19 0.00	33.58 1.18 0.00	34.22 1.09 0.00	33.00 1.06 0.00	33.17 1.07 0.00	32.53 1.04 0.00	32.54 1.19 0.00	35.98 1.43 0.00	35.51 1.58 0.00	37.83 1.91 0.00	42.96 2.39 0.00	49.68 2.83 0.00	51.59 2.87 0.00	55.46 2.99 0.00	54.03 2.55 0.00	57.51 3.18 0.00	59.43 3.26 0.00	71.51 3.68 0.00	55.95 2.49 0.00	57.39 2.33 0.00	44.43 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.31 1.49 0.00	40.89 1.15 0.00	35.15 0.98 0.00	34.65 1.03 0.00	33.41 1.01 0.00	34.06 0.93 0.00	32.84 0.90 0.00	33.00 0.89 0.00	32.34 0.85 0.00	32.28 0.94 0.00	35.68 1.13 0.00	35.20 1.26 0.00	37.44 1.53 0.00	42.53 1.96 0.00	49.23 2.38 0.00	51.18 2.46 0.00	55.15 2.68 0.00	53.86 2.38 0.00	57.36 3.03 0.00	59.34 3.17 0.00	71.34 3.51 0.00	55.79 2.33 0.00	57.23 2.17 0.00	44.17 1.69 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.68 1.85 0.00	41.28 1.53 0.00	35.45 1.29 0.00	34.93 1.31 0.00	33.72 1.32 0.00	34.34 1.21 0.00	33.15 1.21 0.00	33.33 1.22 0.00	32.70 1.21 0.00	32.70 1.36 0.00	36.13 1.59 0.00	35.69 1.76 0.00	38.00 2.09 0.00	43.10 2.53 0.00	49.91 3.06 0.00	51.80 3.08 0.00	55.64 3.17 0.00	54.25 2.77 0.00	57.72 3.39 0.00	59.74 3.58 0.00	71.86 4.03 0.00	56.23 2.77 0.00	57.63 2.57 0.00	44.66 2.18 0.00

E179THST_13_KV_LOAD 356214	48.92 2.10 0.00	41.48 1.73 0.00	35.61 1.46 0.00	35.09 1.48 0.00	33.87 1.47 0.00	34.49 1.36 0.00	33.29 1.35 0.00	33.48 1.37 0.00	32.85 1.36 0.00	32.86 1.51 0.00	36.33 1.78 0.00	35.88 1.95 0.00	38.21 2.30 0.00	43.34 2.76 0.00	50.19 3.34 0.00	52.09 3.38 0.00	55.96 3.49 0.00	54.56 3.08 0.00	58.04 3.71 0.00	60.09 3.92 0.00	72.27 4.44 0.00	56.55 3.09 0.00	57.96 2.90 0.00	44.91 2.43 0.00
EAST HAMPTON___GT 23717	50.43 3.60 0.00	42.19 2.44 0.00	36.06 1.90 0.00	35.67 2.05 0.00	34.42 2.02 0.00	35.11 1.98 0.00	34.02 2.08 0.00	33.94 1.83 0.00	33.29 1.80 0.00	33.54 2.20 0.00	37.02 2.48 0.00	36.26 2.33 0.00	38.65 2.74 0.00	43.49 2.91 0.00	50.32 3.48 0.00	52.61 3.89 0.00	56.64 4.17 0.00	55.82 4.34 0.00	59.72 5.39 0.00	61.29 5.12 0.00	73.25 5.42 0.00	57.84 4.38 0.00	59.13 4.06 0.00	46.49 4.01 0.00
EAST RIVER___6 23660	48.85 2.03 0.00	41.32 1.57 0.00	35.49 1.33 0.00	34.99 1.38 0.00	33.76 1.35 0.00	34.39 1.26 0.00	33.19 1.25 0.00	33.37 1.26 0.00	32.75 1.26 0.00	32.79 1.45 0.00	36.26 1.72 0.00	35.80 1.87 0.00	38.18 2.27 0.00	43.37 2.79 0.00	50.18 3.33 0.00	52.12 3.40 0.00	56.00 3.54 0.00	54.45 2.97 0.00	57.95 3.62 0.00	59.91 3.74 0.00	72.14 4.31 0.00	56.42 2.96 0.00	57.86 2.80 0.00	44.79 2.30 0.00
EAST RIVER___7 23524	48.85 2.03 0.00	41.32 1.57 0.00	35.49 1.33 0.00	34.99 1.38 0.00	33.76 1.35 0.00	34.39 1.26 0.00	33.19 1.25 0.00	33.37 1.26 0.00	32.75 1.26 0.00	32.79 1.45 0.00	36.26 1.72 0.00	35.80 1.87 0.00	38.18 2.27 0.00	43.37 2.79 0.00	50.18 3.33 0.00	52.12 3.40 0.00	56.00 3.54 0.00	54.45 2.97 0.00	57.95 3.62 0.00	59.91 3.74 0.00	72.14 4.31 0.00	56.42 2.96 0.00	57.86 2.80 0.00	44.79 2.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.48 1.65 0.00	41.03 1.27 0.00	35.25 1.09 0.00	34.77 1.15 0.00	33.54 1.13 0.00	34.18 1.05 0.00	32.96 1.02 0.00	33.13 1.02 0.00	32.48 0.99 0.00	32.48 1.14 0.00	35.91 1.37 0.00	35.44 1.51 0.00	37.75 1.84 0.00	42.87 2.29 0.00	49.57 2.72 0.00	51.49 2.77 0.00	55.36 2.89 0.00	53.95 2.47 0.00	57.43 3.10 0.00	59.37 3.20 0.00	71.40 3.57 0.00	55.87 2.41 0.00	57.32 2.25 0.00	44.35 1.86 0.00
EAST_HAMPTON___DIESEL 23722	50.40 3.58 0.00	42.18 2.42 0.00	36.04 1.88 0.00	35.65 2.03 0.00	34.40 2.00 0.00	35.09 1.96 0.00	34.00 2.06 0.00	33.91 1.80 0.00	33.26 1.77 0.00	33.51 2.17 0.00	36.99 2.44 0.00	36.22 2.29 0.00	38.61 2.69 0.00	43.44 2.86 0.00	50.26 3.41 0.00	52.55 3.83 0.00	56.59 4.12 0.00	55.77 4.29 0.00	59.67 5.34 0.00	61.25 5.08 0.00	73.23 5.40 0.00	57.81 4.35 0.00	59.12 4.05 0.00	46.49 4.01 0.00
EAST_POINT___SOLAR 323840	49.35 2.53 0.00	41.79 2.04 0.00	35.81 1.65 0.00	35.15 1.54 0.00	33.87 1.47 0.00	34.68 1.55 0.00	33.22 1.28 0.00	32.62 0.51 0.00	31.26 -0.23 0.00	31.83 0.49 0.00	34.58 0.03 0.00	33.57 -0.36 0.00	35.35 -0.56 0.00	39.95 -0.62 0.00	46.42 -0.43 0.00	49.46 0.74 0.00	53.34 0.87 0.00	52.13 0.65 0.00	56.41 2.08 0.00	60.04 3.87 0.00	72.62 4.79 0.00	57.12 3.66 0.00	58.58 3.51 0.00	45.03 2.54 0.00
EAST_PULASKI___ESR 323781	46.45 -0.38 0.00	39.40 -0.36 0.00	33.80 -0.36 0.00	33.22 -0.40 0.00	32.02 -0.39 0.00	32.83 -0.30 0.00	31.62 -0.32 0.00	31.69 -0.42 0.00	31.08 -0.41 0.00	30.92 -0.42 0.00	34.11 -0.44 0.00	33.45 -0.49 0.00	35.31 -0.60 0.00	39.95 -0.63 0.00	46.10 -0.75 0.00	47.93 -0.78 0.00	51.56 -0.91 0.00	50.77 -0.71 0.00	53.96 -0.37 0.00	56.36 0.19 0.00	68.16 0.33 0.00	53.67 0.21 0.00	55.10 0.04 0.00	42.34 -0.14 0.00
EAST_RIVER___1 323558	48.78 1.96 0.00	41.26 1.51 0.00	35.45 1.29 0.00	34.95 1.33 0.00	33.72 1.31 0.00	34.35 1.22 0.00	33.14 1.21 0.00	33.33 1.22 0.00	32.70 1.21 0.00	32.72 1.38 0.00	36.18 1.64 0.00	35.72 1.79 0.00	38.08 2.17 0.00	43.26 2.68 0.00	50.05 3.20 0.00	51.98 3.26 0.00	55.85 3.38 0.00	54.30 2.82 0.00	57.82 3.49 0.00	59.76 3.59 0.00	71.95 4.12 0.00	56.27 2.81 0.00	57.73 2.67 0.00	44.70 2.21 0.00
EAST_RIVER___2 323559	48.85 2.03 0.00	41.32 1.57 0.00	35.49 1.33 0.00	34.99 1.38 0.00	33.76 1.35 0.00	34.39 1.26 0.00	33.19 1.25 0.00	33.37 1.26 0.00	32.75 1.26 0.00	32.79 1.45 0.00	36.26 1.72 0.00	35.80 1.87 0.00	38.18 2.27 0.00	43.37 2.79 0.00	50.18 3.33 0.00	52.12 3.40 0.00	56.00 3.54 0.00	54.45 2.97 0.00	57.95 3.62 0.00	59.91 3.74 0.00	72.14 4.31 0.00	56.42 2.96 0.00	57.86 2.80 0.00	44.79 2.30 0.00
EAST___DELAWARE_HYD 23607	47.82 1.00 0.00	40.44 0.69 0.00	34.72 0.56 0.00	34.19 0.58 0.00	32.96 0.55 0.00	33.61 0.48 0.00	32.39 0.45 0.00	32.56 0.45 0.00	31.91 0.42 0.00	31.81 0.46 0.00	35.11 0.57 0.00	34.62 0.69 0.00	36.83 0.92 0.00	41.88 1.31 0.00	48.54 1.69 0.00	50.66 1.94 0.00	54.70 2.23 0.00	53.50 2.02 0.00	57.01 2.68 0.00	58.96 2.79 0.00	70.86 3.03 0.00	55.38 1.92 0.00	56.75 1.68 0.00	43.71 1.23 0.00
EIGHT_POINT___WT_PWR 323820	46.82 0.00 0.00	39.45 -0.30 0.00	33.69 -0.47 0.00	32.92 -0.70 0.00	31.85 -0.56 0.00	32.58 -0.55 0.00	31.20 -0.74 0.00	30.91 -1.21 0.00	30.19 -1.31 0.00	30.31 -1.03 0.00	33.63 -0.91 0.00	33.04 -0.89 0.00	35.06 -0.85 0.00	39.92 -0.65 0.00	46.11 -0.74 0.00	48.15 -0.56 0.00	51.59 -0.88 0.00	50.54 -0.94 0.00	54.04 -0.29 0.00	56.57 0.40 0.00	68.59 0.76 0.00	53.88 0.42 0.00	55.61 0.55 0.00	42.67 0.19 0.00
ELBRIDGE_115KV_TB2 80188	46.31 -0.52 0.00	39.30 -0.46 0.00	33.68 -0.48 0.00	33.14 -0.48 0.00	31.95 -0.45 0.00	32.68 -0.45 0.00	31.47 -0.47 0.00	31.51 -0.59 0.00	30.96 -0.53 0.00	30.84 -0.50 0.00	34.00 -0.54 0.00	33.36 -0.58 0.00	35.24 -0.67 0.00	39.81 -0.76 0.00	46.07 -0.78 0.00	48.02 -0.70 0.00	51.81 -0.65 0.00	50.87 -0.61 0.00	53.85 -0.48 0.00	55.95 -0.22 0.00	67.33 -0.49 0.00	52.98 -0.48 0.00	54.48 -0.59 0.00	41.93 -0.56 0.00
ELEC_TRO_TEK 24086	48.76 1.94 0.00	41.21 1.46 0.00	35.39 1.23 0.00	34.98 1.37 0.00	33.72 1.32 0.00	34.32 1.19 0.00	33.16 1.23 0.00	33.30 1.19 0.00	32.67 1.18 0.00	32.74 1.41 0.00	36.23 1.68 0.00	35.75 1.82 0.00	38.14 2.23 0.00	43.20 2.62 0.00	49.80 2.95 0.00	51.69 2.97 0.00	55.54 3.07 0.00	54.20 2.72 0.00	57.74 3.41 0.00	59.35 3.18 0.00	71.36 3.53 0.00	55.97 2.51 0.00	57.36 2.30 0.00	44.71 2.22 0.00
ELLENBURG_WT_PWR 323604	47.24 0.42 0.00	40.08 0.33 0.00	34.42 0.26 0.00	33.78 0.16 0.00	32.52 0.12 0.00	33.22 0.09 0.00	32.05 0.11 0.00	32.36 0.25 0.00	31.80 0.31 0.00	31.62 0.29 0.00	34.92 0.38 0.00	34.32 0.39 0.00	36.36 0.45 0.00	41.01 0.43 0.00	47.37 0.53 0.00	49.24 0.52 0.00	53.05 0.59 0.00	52.22 0.74 0.00	54.73 0.40 0.00	56.40 0.23 0.00	68.07 0.24 0.00	53.59 0.13 0.00	55.25 0.18 0.00	42.69 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.59 -1.24 0.00	38.36 -1.39 0.00	32.80 -1.36 0.00	32.01 -1.61 0.00	30.83 -1.57 0.00	31.47 -1.66 0.00	30.14 -1.80 0.00	29.95 -2.16 0.00	29.84 -1.65 0.00	30.09 -1.26 0.00	33.42 -1.12 0.00	32.90 -1.03 0.00	34.73 -1.19 0.00	39.43 -1.15 0.00	45.47 -1.38 0.00	47.82 -0.90 0.00	51.35 -1.11 0.00	49.90 -1.58 0.00	52.79 -1.54 0.00	55.04 -1.13 0.00	66.15 -1.68 0.00	52.16 -1.30 0.00	54.13 -0.93 0.00	41.52 -0.97 0.00
EMPIRE_CC_1 323656	46.88 0.06 0.00	39.99 0.23 0.00	34.55 0.39 0.00	34.10 0.48 0.00	32.85 0.44 0.00	33.60 0.47 0.00	32.40 0.46 0.00	32.38 0.27 0.00	31.74 0.25 0.00	31.51 0.17 0.00	34.55 0.00 0.00	33.71 -0.22 0.00	35.70 -0.21 0.00	40.34 -0.24 0.00	46.41 -0.44 0.00	48.07 -0.65 0.00	51.69 -0.78 0.00	50.83 -0.65 0.00	53.77 -0.57 0.00	55.80 -0.37 0.00	67.09 -0.74 0.00	53.07 -0.39 0.00	54.85 -0.21 0.00	42.40 -0.09 0.00
EMPIRE_CC_2 323658	46.88 0.06 0.00	39.99 0.23 0.00	34.55 0.39 0.00	34.10 0.48 0.00	32.85 0.44 0.00	33.60 0.47 0.00	32.40 0.46 0.00	32.38 0.27 0.00	31.74 0.25 0.00	31.51 0.17 0.00	34.55 0.00 0.00	33.71 -0.22 0.00	35.70 -0.21 0.00	40.34 -0.24 0.00	46.41 -0.44 0.00	48.07 -0.65 0.00	51.69 -0.78 0.00	50.83 -0.65 0.00	53.77 -0.57 0.00	55.80 -0.37 0.00	67.09 -0.74 0.00	53.07 -0.39 0.00	54.85 -0.21 0.00	42.40 -0.09 0.00
ENORWICH_115KV_TB1 80156	48.54 1.71 0.00	40.99 1.24 0.00	35.17 1.01 0.00	34.73 1.11 0.00	33.67 1.27 0.00	34.42 1.29 0.00	33.19 1.25 0.00	33.45 1.34 0.00	32.92 1.43 0.00	32.66 1.32 0.00	35.75 1.20 0.00	34.67 0.74 0.00	36.56 0.64 0.00	41.37 0.80 0.00	48.41 1.56 0.00	51.09 2.37 0.00	55.12 2.65 0.00	54.83 3.35 0.00	58.35 4.02 0.00	60.86 4.69 0.00	73.36 5.53 0.00	57.59 4.14 0.00	58.99 3.93 0.00	45.24 2.76 0.00
ERIE_ST__34_KV_TB1-2 80199	46.11 -0.71 0.00	38.76 -0.99 0.00	33.10 -1.07 0.00	32.28 -1.34 0.00	31.11 -1.30 0.00	31.75 -1.38 0.00	30.40 -1.54 0.00	30.25 -1.86 0.00	30.10 -1.39 0.00	30.36 -0.98 0.00	33.74 -0.80 0.00	33.20 -0.73 0.00	35.08 -0.83 0.00	39.89 -0.68 0.00	46.04 -0.81 0.00	48.43 -0.29 0.00	52.08 -0.39 0.00	50.67 -0.82 0.00	53.63 -0.70 0.00	55.89 -0.28 0.00	67.07 -0.76 0.00	52.85 -0.61 0.00	54.78 -0.28 0.00	41.98 -0.50 0.00
ERIE_WT_PWR 323693	44.67 -0.96 1.20	37.31 -1.18 1.27	32.95 -1.20 0.01	32.17 -1.45 0.00	30.99 -1.41 0.00	31.55 -1.50 0.07	30.29 -1.65 0.00	30.09 -2.01 0.00	29.96 -1.53 0.00	30.22 -1.12 0.00	33.57 -0.98 0.00	33.03 -0.90 0.00	34.88 -1.03 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.63 0.00	51.68 -0.79 0.00	50.24 -1.24 0.00	53.17 -1.16 0.00	55.48 -0.69 0.00	66.64 -1.19 0.00	49.46 -0.95 3.05	51.21 -0.60 3.26	37.41 -0.72 4.36
ESPRGFLD_115KV_TB1 80157	48.43 1.61 0.00	40.99 1.24 0.00	35.10 0.94 0.00	34.46 0.85 0.00	33.22 0.81 0.00	34.02 0.89 0.00	32.78 0.84 0.00	32.81 0.70 0.00	32.25 0.76 0.00	32.21 0.87 0.00	35.50 0.96 0.00	34.84 0.90 0.00	36.85 0.94 0.00	41.76 1.18 0.00	48.41 1.57 0.00	50.62 1.90 0.00	54.58 2.11 0.00	53.48 2.00 0.00	56.79 2.46 0.00	59.13 2.96 0.00	71.26 3.43 0.00	55.97 2.51 0.00	57.43 2.37 0.00	44.22 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.16 0.34 0.00	39.92 0.17 0.00	34.22 0.06 0.00	33.66 0.04 0.00	32.48 0.07 0.00	33.22 0.10 0.00	32.00 0.06 0.00	32.09 -0.02 0.00	31.46 -0.03 0.00	31.29 -0.05 0.00	34.39 -0.15 0.00	33.66 -0.27 0.00	35.58 -0.33 0.00	40.33 -0.25 0.00	46.74 -0.11 0.00	48.76 0.04 0.00	52.69 0.22 0.00	51.84 0.36 0.00	55.16 0.83 0.00	57.45 1.28 0.00	69.25 1.42 0.00	54.39 0.93 0.00	55.87 0.81 0.00	42.95 0.47 0.00
ETNA____115KV_TB2 80207	47.16 0.34 0.00	39.92 0.17 0.00	34.22 0.06 0.00	33.66 0.04 0.00	32.48 0.07 0.00	33.22 0.10 0.00	32.00 0.06 0.00	32.09 -0.02 0.00	31.46 -0.03 0.00	31.29 -0.05 0.00	34.39 -0.15 0.00	33.66 -0.27 0.00	35.58 -0.33 0.00	40.33 -0.25 0.00	46.74 -0.11 0.00	48.76 0.04 0.00	52.69 0.22 0.00	51.84 0.36 0.00	55.16 0.83 0.00	57.45 1.28 0.00	69.25 1.42 0.00	54.39 0.93 0.00	55.87 0.81 0.00	42.95 0.47 0.00
EUCLID__115KV_TB2 356179	46.11 -0.72 0.00	39.13 -0.62 0.00	33.58 -0.58 0.00	33.02 -0.60 0.00	31.82 -0.58 0.00	32.54 -0.59 0.00	31.34 -0.60 0.00	31.43 -0.67 0.00	30.87 -0.62 0.00	30.78 -0.56 0.00	33.96 -0.59 0.00	33.33 -0.61 0.00	35.21 -0.71 0.00	39.81 -0.77 0.00	46.01 -0.84 0.00	47.97 -0.75 0.00	51.71 -0.76 0.00	50.72 -0.76 0.00	53.73 -0.59 0.00	55.69 -0.48 0.00	67.10 -0.73 0.00	52.76 -0.70 0.00	54.27 -0.79 0.00	41.80 -0.68 0.00
E_CANADA_CAP_HY 24051	49.01 2.18 0.00	41.51 1.76 0.00	35.57 1.41 0.00	34.90 1.29 0.00	33.62 1.22 0.00	34.42 1.29 0.00	33.13 1.19 0.00	32.95 0.84 0.00	32.20 0.71 0.00	32.19 0.85 0.00	35.44 0.89 0.00	34.73 0.80 0.00	36.63 0.72 0.00	41.41 0.84 0.00	47.98 1.14 0.00	50.25 1.53 0.00	54.22 1.75 0.00	53.25 1.77 0.00	56.79 2.46 0.00	59.56 3.39 0.00	71.89 4.06 0.00	56.52 3.06 0.00	58.02 2.95 0.00	44.67 2.18 0.00
E_CANADA_MHWK_HY 24050	47.40 0.57 0.00	40.22 0.47 0.00	34.59 0.43 0.00	34.16 0.54 0.00	32.95 0.55 0.00	33.68 0.55 0.00	32.39 0.45 0.00	32.39 0.28 0.00	31.26 -0.23 0.00	31.05 -0.29 0.00	34.00 -0.54 0.00	33.27 -0.67 0.00	35.08 -0.83 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	47.57 -1.15 0.00	51.53 -0.94 0.00	51.00 -0.48 0.00	55.07 0.74 0.00	57.70 1.54 0.00	69.52 1.69 0.00	54.61 1.15 0.00	56.04 0.97 0.00	43.23 0.74 0.00
E_FISHKILL__LBMP 23776	48.09 1.27 0.00	40.76 1.01 0.00	35.05 0.89 0.00	34.58 0.97 0.00	33.37 0.96 0.00	34.00 0.87 0.00	32.78 0.84 0.00	32.94 0.83 0.00	32.26 0.77 0.00	32.22 0.87 0.00	35.58 1.04 0.00	35.10 1.16 0.00	37.35 1.44 0.00	42.39 1.82 0.00	49.00 2.15 0.00	50.87 2.15 0.00	54.70 2.23 0.00	53.38 1.90 0.00	56.79 2.46 0.00	58.72 2.56 0.00	70.65 2.82 0.00	55.31 1.85 0.00	56.78 1.72 0.00	43.91 1.43 0.00
FALCON__SEABRD_CC1 323796	47.75 0.93 0.00	40.54 0.79 0.00	34.82 0.66 0.00	34.18 0.57 0.00	32.90 0.50 0.00	33.60 0.47 0.00	32.41 0.48 0.00	32.69 0.58 0.00	32.08 0.59 0.00	31.89 0.55 0.00	35.21 0.67 0.00	34.62 0.69 0.00	36.74 0.83 0.00	41.45 0.88 0.00	47.91 1.07 0.00	49.81 1.09 0.00	53.60 1.13 0.00	52.87 1.39 0.00	55.46 1.14 0.00	57.21 1.04 0.00	69.05 1.22 0.00	54.18 0.72 0.00	55.88 0.82 0.00	43.19 0.70 0.00
FALCON__SEABRD_CC2 323797	47.75 0.93 0.00	40.54 0.79 0.00	34.82 0.66 0.00	34.18 0.57 0.00	32.90 0.50 0.00	33.60 0.47 0.00	32.41 0.48 0.00	32.69 0.58 0.00	32.08 0.59 0.00	31.89 0.55 0.00	35.21 0.67 0.00	34.62 0.69 0.00	36.74 0.83 0.00	41.45 0.88 0.00	47.91 1.07 0.00	49.81 1.09 0.00	53.60 1.13 0.00	52.87 1.39 0.00	55.46 1.14 0.00	57.21 1.04 0.00	69.05 1.22 0.00	54.18 0.72 0.00	55.88 0.82 0.00	43.19 0.70 0.00

FAR ROCKAWAY____4 23548	49.40 2.58 0.00	41.77 2.02 0.00	35.84 1.68 0.00	35.39 1.77 0.00	34.11 1.71 0.00	34.72 1.59 0.00	33.53 1.59 0.00	33.68 1.57 0.00	33.07 1.58 0.00	33.16 1.82 0.00	36.75 2.20 0.00	36.29 2.36 0.00	38.73 2.82 0.00	43.92 3.35 0.00	50.66 3.81 0.00	52.64 3.92 0.00	56.62 4.15 0.00	55.27 3.79 0.00	58.88 4.55 0.00	60.48 4.31 0.00	72.69 4.86 0.00	56.99 3.53 0.00	58.39 3.33 0.00	45.43 2.94 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.80 1.98 0.00	41.29 1.55 0.00	35.48 1.32 0.00	34.97 1.36 0.00	33.73 1.33 0.00	34.37 1.24 0.00	33.16 1.22 0.00	33.34 1.24 0.00	32.71 1.23 0.00	32.75 1.41 0.00	36.20 1.65 0.00	35.74 1.81 0.00	38.10 2.18 0.00	43.27 2.70 0.00	50.07 3.22 0.00	52.01 3.29 0.00	55.87 3.40 0.00	54.35 2.86 0.00	57.85 3.52 0.00	59.79 3.62 0.00	71.99 4.16 0.00	56.30 2.84 0.00	57.76 2.70 0.00	44.72 2.24 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.81 1.99 0.00	41.30 1.55 0.00	35.48 1.32 0.00	34.98 1.36 0.00	33.74 1.33 0.00	34.37 1.24 0.00	33.16 1.22 0.00	33.34 1.24 0.00	32.71 1.23 0.00	32.74 1.40 0.00	36.19 1.65 0.00	35.74 1.81 0.00	38.09 2.18 0.00	43.27 2.70 0.00	50.07 3.22 0.00	52.01 3.29 0.00	55.87 3.40 0.00	54.35 2.86 0.00	57.85 3.52 0.00	59.79 3.62 0.00	71.99 4.16 0.00	56.31 2.85 0.00	57.77 2.70 0.00	44.73 2.24 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.77 1.95 0.00	41.26 1.51 0.00	35.45 1.29 0.00	34.95 1.33 0.00	33.72 1.31 0.00	34.35 1.22 0.00	33.14 1.21 0.00	33.33 1.22 0.00	32.70 1.21 0.00	32.72 1.38 0.00	36.17 1.62 0.00	35.72 1.78 0.00	38.06 2.15 0.00	43.24 2.67 0.00	50.04 3.19 0.00	51.96 3.24 0.00	55.82 3.35 0.00	54.29 2.81 0.00	57.79 3.46 0.00	59.73 3.57 0.00	71.93 4.10 0.00	56.25 2.79 0.00	57.71 2.64 0.00	44.68 2.20 0.00
FARRAGUT____LBMP 323566	48.74 1.92 0.00	41.23 1.49 0.00	35.42 1.27 0.00	34.93 1.31 0.00	33.69 1.29 0.00	34.32 1.20 0.00	33.12 1.18 0.00	33.30 1.19 0.00	32.67 1.18 0.00	32.70 1.36 0.00	36.15 1.60 0.00	35.69 1.76 0.00	38.04 2.12 0.00	43.21 2.63 0.00	49.99 3.15 0.00	51.92 3.20 0.00	55.78 3.31 0.00	54.25 2.77 0.00	57.74 3.41 0.00	59.70 3.53 0.00	71.86 4.03 0.00	56.21 2.75 0.00	57.66 2.60 0.00	44.66 2.17 0.00
FARRCKWY_69_KV_BK2 55825	49.40 2.58 0.00	41.77 2.02 0.00	35.84 1.68 0.00	35.39 1.77 0.00	34.11 1.71 0.00	34.72 1.59 0.00	33.53 1.59 0.00	33.68 1.57 0.00	33.07 1.58 0.00	33.16 1.82 0.00	36.75 2.20 0.00	36.29 2.36 0.00	38.73 2.82 0.00	43.92 3.35 0.00	50.66 3.81 0.00	52.64 3.92 0.00	56.62 4.15 0.00	55.27 3.79 0.00	58.88 4.55 0.00	60.48 4.31 0.00	72.69 4.86 0.00	56.99 3.53 0.00	58.39 3.33 0.00	45.43 2.94 0.00
FENNER____WINDPWR 24204	47.36 0.53 0.00	40.11 0.36 0.00	34.43 0.27 0.00	33.87 0.25 0.00	32.66 0.26 0.00	33.47 0.34 0.00	32.29 0.35 0.00	32.40 0.29 0.00	31.73 0.24 0.00	31.59 0.25 0.00	34.79 0.24 0.00	34.05 0.11 0.00	35.99 0.08 0.00	40.81 0.24 0.00	47.32 0.47 0.00	49.34 0.63 0.00	53.20 0.73 0.00	52.34 0.86 0.00	55.74 1.41 0.00	57.88 1.71 0.00	69.80 1.97 0.00	54.84 1.38 0.00	56.35 1.29 0.00	43.34 0.86 0.00
FIBERTEK____ENERGY 23856	46.57 -0.26 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.13 -0.28 0.00	32.86 -0.28 0.00	31.64 -0.30 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.30 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.34 0.17 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.82 -0.24 0.00	42.21 -0.28 0.00
FITZPATRICK____ 23598	45.38 -1.45 0.00	38.58 -1.17 0.00	33.13 -1.03 0.00	32.57 -1.04 0.00	31.40 -1.00 0.00	32.10 -1.03 0.00	30.93 -1.01 0.00	31.03 -1.08 0.00	30.47 -1.02 0.00	30.36 -0.99 0.00	33.47 -1.08 0.00	32.83 -1.10 0.00	34.65 -1.26 0.00	39.10 -1.48 0.00	45.17 -1.67 0.00	47.05 -1.67 0.00	50.69 -1.78 0.00	49.73 -1.75 0.00	52.60 -1.73 0.00	54.52 -1.65 0.00	65.72 -2.11 0.00	51.73 -1.73 0.00	53.23 -1.83 0.00	41.07 -1.42 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.70 1.87 0.00	41.24 1.49 0.00	35.43 1.27 0.00	34.93 1.32 0.00	33.70 1.30 0.00	34.35 1.22 0.00	33.11 1.17 0.00	33.28 1.17 0.00	32.61 1.11 0.00	32.55 1.21 0.00	35.97 1.43 0.00	35.51 1.58 0.00	37.81 1.90 0.00	42.95 2.38 0.00	49.72 2.88 0.00	51.70 2.98 0.00	55.71 3.25 0.00	54.45 2.96 0.00	57.94 3.61 0.00	59.91 3.74 0.00	72.00 4.17 0.00	56.32 2.85 0.00	57.73 2.67 0.00	44.54 2.06 0.00
FORT ORANGE____ 23900	47.13 0.31 0.00	40.12 0.37 0.00	34.61 0.45 0.00	34.26 0.64 0.00	33.02 0.62 0.00	33.75 0.62 0.00	32.54 0.60 0.00	32.61 0.50 0.00	31.86 0.36 0.00	31.63 0.29 0.00	34.60 0.06 0.00	33.95 0.02 0.00	36.02 0.10 0.00	40.66 0.08 0.00	46.77 -0.08 0.00	48.54 -0.18 0.00	52.27 -0.20 0.00	51.47 -0.01 0.00	54.64 0.31 0.00	56.76 0.59 0.00	68.30 0.47 0.00	53.84 0.37 0.00	55.41 0.34 0.00	42.79 0.30 0.00
FORT_DRUM_COGEN 23780	48.19 1.36 0.00	40.80 1.05 0.00	34.88 0.72 0.00	34.29 0.68 0.00	33.09 0.68 0.00	34.17 1.04 0.00	32.92 0.98 0.00	32.88 0.78 0.00	32.16 0.67 0.00	31.90 0.56 0.00	35.19 0.65 0.00	34.49 0.56 0.00	36.47 0.56 0.00	41.32 0.74 0.00	47.61 0.76 0.00	49.38 0.67 0.00	53.17 0.70 0.00	52.61 1.13 0.00	56.28 1.95 0.00	59.85 3.68 0.00	72.92 5.09 0.00	57.35 3.89 0.00	58.69 3.62 0.00	44.79 2.30 0.00
FOX_HILLS____ESR 323835	48.73 1.90 0.00	41.27 1.52 0.00	35.44 1.29 0.00	34.92 1.31 0.00	33.69 1.29 0.00	34.32 1.19 0.00	33.13 1.19 0.00	33.30 1.19 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.25 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.19 2.62 0.00	50.00 3.15 0.00	51.94 3.23 0.00	55.86 3.40 0.00	54.37 2.89 0.00	57.91 3.58 0.00	59.91 3.75 0.00	72.10 4.27 0.00	56.36 2.90 0.00	57.65 2.58 0.00	44.73 2.25 0.00
FPL_FAR_ROCK_GT1 24212	49.40 2.58 0.00	41.77 2.01 0.00	35.84 1.68 0.00	35.39 1.77 0.00	34.11 1.71 0.00	34.72 1.59 0.00	33.53 1.59 0.00	33.68 1.57 0.00	33.07 1.58 0.00	33.16 1.82 0.00	36.76 2.21 0.00	36.29 2.36 0.00	38.74 2.83 0.00	43.92 3.35 0.00	50.66 3.81 0.00	52.63 3.91 0.00	56.62 4.15 0.00	55.28 3.80 0.00	58.88 4.55 0.00	60.47 4.31 0.00	72.69 4.86 0.00	56.99 3.53 0.00	58.39 3.32 0.00	45.42 2.94 0.00
FPL_FAR_ROCK_GT2 23815	49.40 2.58 0.00	41.77 2.01 0.00	35.84 1.68 0.00	35.39 1.77 0.00	34.11 1.71 0.00	34.72 1.59 0.00	33.53 1.59 0.00	33.68 1.57 0.00	33.07 1.58 0.00	33.16 1.82 0.00	36.76 2.21 0.00	36.29 2.36 0.00	38.74 2.83 0.00	43.92 3.35 0.00	50.66 3.81 0.00	52.63 3.91 0.00	56.62 4.15 0.00	55.28 3.80 0.00	58.88 4.55 0.00	60.47 4.31 0.00	72.69 4.86 0.00	56.99 3.53 0.00	58.39 3.32 0.00	45.42 2.94 0.00

FRANKLIN_FALL_HYD 24054	47.82 0.99 0.00	40.50 0.75 0.00	34.75 0.59 0.00	34.08 0.46 0.00	32.81 0.41 0.00	33.52 0.39 0.00	32.34 0.40 0.00	32.68 0.58 0.00	32.14 0.65 0.00	31.99 0.65 0.00	35.33 0.79 0.00	34.68 0.75 0.00	36.68 0.76 0.00	41.42 0.85 0.00	47.84 1.00 0.00	49.80 1.08 0.00	53.72 1.26 0.00	52.96 1.48 0.00	55.47 1.15 0.00	57.23 1.06 0.00	69.22 1.40 0.00	54.39 0.93 0.00	56.02 0.96 0.00	43.23 0.75 0.00
FREEPORT_EQUS_GT1 23764	49.13 2.31 0.00	41.46 1.71 0.00	35.60 1.44 0.00	35.18 1.57 0.00	33.91 1.51 0.00	34.51 1.38 0.00	33.34 1.41 0.00	33.48 1.37 0.00	32.86 1.37 0.00	32.96 1.61 0.00	36.47 1.93 0.00	36.00 2.07 0.00	38.44 2.53 0.00	43.54 2.96 0.00	50.18 3.33 0.00	52.11 3.39 0.00	56.02 3.55 0.00	54.69 3.21 0.00	58.26 3.93 0.00	59.82 3.65 0.00	71.87 4.05 0.00	56.39 2.93 0.00	57.80 2.74 0.00	45.07 2.58 0.00
FREEPORT___CT2 23818	49.13 2.31 0.00	41.46 1.71 0.00	35.60 1.44 0.00	35.18 1.57 0.00	33.91 1.51 0.00	34.51 1.38 0.00	33.34 1.41 0.00	33.48 1.37 0.00	32.86 1.37 0.00	32.96 1.61 0.00	36.47 1.93 0.00	36.00 2.07 0.00	38.44 2.53 0.00	43.54 2.96 0.00	50.18 3.33 0.00	52.11 3.39 0.00	56.02 3.55 0.00	54.69 3.21 0.00	58.26 3.93 0.00	59.82 3.65 0.00	71.87 4.05 0.00	56.39 2.93 0.00	57.80 2.74 0.00	45.07 2.58 0.00
FRESHKLS_33_KV_LOAD 356253	48.98 2.16 0.00	41.48 1.73 0.00	35.62 1.46 0.00	35.10 1.48 0.00	33.85 1.45 0.00	34.49 1.36 0.00	33.29 1.35 0.00	33.46 1.35 0.00	32.83 1.34 0.00	32.82 1.48 0.00	36.41 1.86 0.00	35.97 2.04 0.00	38.27 2.36 0.00	43.37 2.80 0.00	50.22 3.37 0.00	52.18 3.46 0.00	56.06 3.60 0.00	54.59 3.11 0.00	58.20 3.86 0.00	60.22 4.05 0.00	72.42 4.59 0.00	56.59 3.13 0.00	57.77 2.71 0.00	44.85 2.37 0.00
FULTON COGEN____ 23766	45.86 -0.97 0.00	38.94 -0.81 0.00	33.42 -0.74 0.00	32.85 -0.76 0.00	31.66 -0.74 0.00	32.39 -0.74 0.00	31.20 -0.75 0.00	31.29 -0.82 0.00	30.70 -0.79 0.00	30.60 -0.74 0.00	33.75 -0.80 0.00	33.08 -0.85 0.00	34.90 -1.02 0.00	39.47 -1.11 0.00	45.57 -1.28 0.00	47.53 -1.19 0.00	51.26 -1.21 0.00	50.26 -1.22 0.00	53.26 -1.07 0.00	55.29 -0.88 0.00	66.69 -1.14 0.00	52.44 -1.02 0.00	53.92 -1.14 0.00	41.55 -0.94 0.00
FULTON___LFGE 323630	49.11 2.28 0.00	41.60 1.85 0.00	35.67 1.51 0.00	35.02 1.41 0.00	33.74 1.34 0.00	34.55 1.42 0.00	33.19 1.25 0.00	32.90 0.79 0.00	31.81 0.32 0.00	31.68 0.34 0.00	35.07 0.53 0.00	34.19 0.26 0.00	35.83 -0.08 0.00	40.43 -0.14 0.00	46.77 -0.07 0.00	48.94 0.22 0.00	52.96 0.49 0.00	52.49 1.02 0.00	56.59 2.26 0.00	59.75 3.59 0.00	72.11 4.28 0.00	56.69 3.23 0.00	58.18 3.12 0.00	44.74 2.26 0.00
G.F.CEMENT___DRP 24184	48.89 2.06 0.00	41.62 1.87 0.00	35.75 1.60 0.00	35.14 1.52 0.00	33.85 1.44 0.00	34.62 1.49 0.00	33.40 1.46 0.00	33.36 1.25 0.00	32.32 0.83 0.00	31.98 0.64 0.00	35.05 0.50 0.00	34.48 0.54 0.00	36.68 0.77 0.00	41.26 0.68 0.00	47.50 0.65 0.00	49.22 0.51 0.00	53.10 0.63 0.00	52.78 1.29 0.00	56.83 2.50 0.00	59.18 3.01 0.00	71.42 3.59 0.00	56.23 2.77 0.00	57.91 2.85 0.00	44.59 2.11 0.00
GARDENVILLE___LBMP 24039	45.73 -1.09 0.00	38.46 -1.30 0.00	32.88 -1.29 0.00	32.09 -1.52 0.00	30.92 -1.48 0.00	31.56 -1.57 0.00	30.22 -1.72 0.00	30.03 -2.08 0.00	29.89 -1.60 0.00	30.15 -1.20 0.00	33.48 -1.06 0.00	32.96 -0.97 0.00	34.80 -1.11 0.00	39.52 -1.06 0.00	45.59 -1.26 0.00	47.94 -0.78 0.00	51.49 -0.98 0.00	50.03 -1.45 0.00	52.96 -1.37 0.00	55.26 -0.91 0.00	66.40 -1.43 0.00	52.32 -1.14 0.00	54.27 -0.79 0.00	41.61 -0.88 0.00
GARDNVLA_35_KV_LD 355827	45.93 -0.89 0.00	38.61 -1.14 0.00	33.00 -1.16 0.00	32.20 -1.42 0.00	31.02 -1.38 0.00	31.65 -1.47 0.00	30.32 -1.62 0.00	30.12 -1.99 0.00	30.00 -1.48 0.00	30.27 -1.07 0.00	33.64 -0.90 0.00	33.13 -0.80 0.00	34.99 -0.92 0.00	39.74 -0.83 0.00	45.86 -0.98 0.00	48.25 -0.46 0.00	51.83 -0.64 0.00	50.39 -1.09 0.00	53.31 -1.02 0.00	55.61 -0.56 0.00	66.79 -1.04 0.00	52.63 -0.84 0.00	54.57 -0.50 0.00	41.84 -0.65 0.00
GELCKHM_115KV_LOAD 80723	46.30 -0.53 0.00	39.27 -0.48 0.00	33.71 -0.45 0.00	33.13 -0.49 0.00	31.94 -0.46 0.00	32.66 -0.48 0.00	31.45 -0.49 0.00	31.54 -0.57 0.00	30.98 -0.51 0.00	30.87 -0.47 0.00	34.06 -0.49 0.00	33.41 -0.52 0.00	35.28 -0.63 0.00	39.91 -0.66 0.00	46.13 -0.72 0.00	48.11 -0.60 0.00	51.88 -0.59 0.00	50.91 -0.57 0.00	53.94 -0.39 0.00	55.93 -0.24 0.00	67.37 -0.46 0.00	52.97 -0.49 0.00	54.47 -0.59 0.00	41.96 -0.52 0.00
GENERAL___MILLS 23808	45.84 -0.99 0.00	38.54 -1.21 0.00	32.94 -1.22 0.00	32.15 -1.46 0.00	30.97 -1.44 0.00	31.61 -1.52 0.00	30.27 -1.67 0.00	30.09 -2.02 0.00	29.95 -1.54 0.00	30.21 -1.13 0.00	33.57 -0.97 0.00	33.04 -0.89 0.00	34.89 -1.02 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.62 0.00	51.66 -0.81 0.00	50.22 -1.26 0.00	53.13 -1.20 0.00	55.44 -0.73 0.00	66.60 -1.23 0.00	52.48 -0.98 0.00	54.44 -0.63 0.00	41.72 -0.76 0.00
GE_PLASTICS___DRP 24183	47.06 0.23 0.00	40.03 0.29 0.00	34.51 0.35 0.00	34.11 0.50 0.00	32.89 0.48 0.00	33.62 0.49 0.00	32.42 0.48 0.00	32.54 0.43 0.00	31.82 0.33 0.00	31.61 0.27 0.00	34.66 0.12 0.00	34.02 0.09 0.00	36.10 0.18 0.00	40.78 0.20 0.00	46.95 0.10 0.00	48.71 -0.01 0.00	52.41 -0.06 0.00	51.49 0.01 0.00	54.57 0.24 0.00	56.58 0.41 0.00	68.08 0.25 0.00	53.66 0.19 0.00	55.25 0.19 0.00	42.69 0.20 0.00
GILBOA___1 23756	47.32 0.49 0.00	40.18 0.43 0.00	34.57 0.41 0.00	34.08 0.46 0.00	32.87 0.46 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.71 0.60 0.00	32.02 0.53 0.00	31.76 0.41 0.00	34.91 0.36 0.00	34.32 0.39 0.00	36.40 0.49 0.00	41.19 0.62 0.00	47.53 0.69 0.00	49.33 0.62 0.00	53.01 0.54 0.00	51.89 0.41 0.00	55.06 0.73 0.00	56.99 0.82 0.00	68.58 0.75 0.00	53.95 0.49 0.00	55.55 0.48 0.00	42.94 0.46 0.00
GILBOA___2 23757	47.32 0.49 0.00	40.18 0.43 0.00	34.57 0.41 0.00	34.08 0.46 0.00	32.87 0.46 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.71 0.60 0.00	32.02 0.53 0.00	31.76 0.41 0.00	34.91 0.36 0.00	34.32 0.39 0.00	36.40 0.49 0.00	41.19 0.62 0.00	47.53 0.69 0.00	49.33 0.62 0.00	53.01 0.54 0.00	51.89 0.41 0.00	55.06 0.73 0.00	56.99 0.82 0.00	68.58 0.75 0.00	53.95 0.49 0.00	55.55 0.48 0.00	42.94 0.46 0.00
GILBOA___3 23758	47.32 0.49 0.00	40.18 0.43 0.00	34.57 0.41 0.00	34.08 0.46 0.00	32.87 0.46 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.71 0.60 0.00	32.02 0.53 0.00	31.76 0.41 0.00	34.91 0.36 0.00	34.32 0.39 0.00	36.40 0.49 0.00	41.19 0.62 0.00	47.53 0.69 0.00	49.33 0.62 0.00	53.01 0.54 0.00	51.89 0.41 0.00	55.06 0.73 0.00	56.99 0.82 0.00	68.58 0.75 0.00	53.95 0.49 0.00	55.55 0.48 0.00	42.94 0.46 0.00

GILBOA___4 23759	47.32 0.49 0.00	40.18 0.43 0.00	34.57 0.41 0.00	34.08 0.46 0.00	32.87 0.46 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.71 0.60 0.00	32.02 0.53 0.00	31.76 0.41 0.00	34.91 0.36 0.00	34.32 0.39 0.00	36.40 0.49 0.00	41.19 0.62 0.00	47.53 0.69 0.00	49.33 0.62 0.00	53.01 0.54 0.00	51.89 0.41 0.00	55.06 0.73 0.00	56.99 0.82 0.00	68.58 0.75 0.00	53.95 0.49 0.00	55.55 0.48 0.00	42.94 0.46 0.00
GILBOA____ 23599	47.32 0.49 0.00	40.18 0.43 0.00	34.57 0.41 0.00	34.08 0.46 0.00	32.87 0.46 0.00	33.69 0.56 0.00	32.48 0.54 0.00	32.71 0.60 0.00	32.02 0.53 0.00	31.76 0.41 0.00	34.91 0.36 0.00	34.31 0.38 0.00	36.40 0.49 0.00	41.19 0.62 0.00	47.54 0.69 0.00	49.33 0.62 0.00	53.00 0.54 0.00	51.89 0.41 0.00	55.06 0.73 0.00	56.99 0.82 0.00	68.58 0.75 0.00	53.95 0.49 0.00	55.54 0.48 0.00	42.94 0.46 0.00
GINNA____ 23603	43.98 -2.44 0.41	37.08 -2.24 0.43	32.11 -2.05 0.00	31.44 -2.18 0.00	30.27 -2.13 0.00	30.89 -2.21 0.03	29.70 -2.24 0.00	29.65 -2.46 0.00	29.34 -2.15 0.00	29.42 -1.92 0.00	32.60 -1.95 0.00	32.10 -1.84 0.00	33.98 -1.93 0.00	38.55 -2.03 0.00	44.52 -2.33 0.00	46.62 -2.10 0.00	50.26 -2.20 0.00	49.23 -2.26 0.00	52.12 -2.21 0.00	54.16 -2.00 0.00	65.09 -2.74 0.00	50.13 -2.29 1.04	51.62 -2.33 1.11	38.95 -2.04 1.49
GLEN PARK____ 23778	48.34 1.52 0.00	40.93 1.17 0.00	34.99 0.83 0.00	34.40 0.78 0.00	33.19 0.79 0.00	34.26 1.13 0.00	33.02 1.08 0.00	32.97 0.86 0.00	32.23 0.74 0.00	31.96 0.62 0.00	35.24 0.70 0.00	34.53 0.60 0.00	36.51 0.60 0.00	41.38 0.81 0.00	47.66 0.81 0.00	49.43 0.71 0.00	53.26 0.79 0.00	52.66 1.18 0.00	56.42 2.09 0.00	60.07 3.91 0.00	73.23 5.40 0.00	57.58 4.12 0.00	58.89 3.82 0.00	44.92 2.43 0.00
GLENDALE_27_KV_LOAD 356172	48.95 2.13 0.00	41.44 1.69 0.00	35.59 1.43 0.00	35.07 1.46 0.00	33.84 1.44 0.00	34.47 1.35 0.00	33.28 1.34 0.00	33.47 1.36 0.00	32.84 1.35 0.00	32.88 1.54 0.00	36.36 1.82 0.00	35.94 2.01 0.00	38.28 2.37 0.00	43.44 2.87 0.00	50.29 3.44 0.00	52.22 3.51 0.00	56.05 3.58 0.00	54.53 3.05 0.00	57.99 3.66 0.00	59.96 3.79 0.00	72.22 4.39 0.00	56.51 3.05 0.00	57.93 2.86 0.00	44.93 2.45 0.00
GLENWOOD_IC_1_G5 23712	48.92 2.09 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.06 1.44 0.00	33.80 1.40 0.00	34.42 1.29 0.00	33.23 1.29 0.00	33.38 1.27 0.00	32.76 1.27 0.00	32.82 1.47 0.00	36.33 1.79 0.00	35.86 1.93 0.00	38.25 2.34 0.00	43.40 2.82 0.00	50.12 3.27 0.00	52.05 3.33 0.00	55.92 3.45 0.00	54.24 2.76 0.00	57.73 3.40 0.00	59.43 3.26 0.00	71.48 3.65 0.00	56.32 2.86 0.00	57.69 2.62 0.00	44.83 2.35 0.00
GLENWOOD_IC_2_G1 23688	48.71 1.88 0.00	41.19 1.44 0.00	35.38 1.23 0.00	34.92 1.31 0.00	33.68 1.28 0.00	34.30 1.17 0.00	33.11 1.17 0.00	33.27 1.16 0.00	32.62 1.14 0.00	32.66 1.32 0.00	36.15 1.60 0.00	35.68 1.75 0.00	38.03 2.11 0.00	43.14 2.57 0.00	49.83 2.98 0.00	51.76 3.04 0.00	55.63 3.16 0.00	54.19 2.72 0.00	57.71 3.38 0.00	59.50 3.33 0.00	71.56 3.73 0.00	56.08 2.62 0.00	57.47 2.40 0.00	44.61 2.12 0.00
GLENWOOD_IC_3_G1 23689	48.71 1.88 0.00	41.19 1.44 0.00	35.38 1.23 0.00	34.92 1.31 0.00	33.68 1.28 0.00	34.30 1.17 0.00	33.11 1.17 0.00	33.27 1.16 0.00	32.62 1.14 0.00	32.66 1.32 0.00	36.15 1.60 0.00	35.68 1.75 0.00	38.03 2.11 0.00	43.14 2.57 0.00	49.83 2.98 0.00	51.76 3.04 0.00	55.63 3.16 0.00	54.19 2.72 0.00	57.71 3.38 0.00	59.50 3.33 0.00	71.56 3.73 0.00	56.08 2.62 0.00	57.47 2.40 0.00	44.61 2.12 0.00
GLENWOOD___4 23550	48.92 2.09 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.06 1.44 0.00	33.80 1.40 0.00	34.42 1.29 0.00	33.23 1.29 0.00	33.38 1.27 0.00	32.76 1.27 0.00	32.82 1.47 0.00	36.33 1.79 0.00	35.86 1.93 0.00	38.25 2.34 0.00	43.40 2.82 0.00	50.12 3.27 0.00	52.05 3.33 0.00	55.93 3.46 0.00	54.35 2.87 0.00	57.86 3.53 0.00	59.56 3.40 0.00	71.63 3.80 0.00	56.32 2.86 0.00	57.69 2.62 0.00	44.83 2.35 0.00
GLENWOOD___5 23614	48.92 2.09 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.06 1.44 0.00	33.80 1.40 0.00	34.42 1.29 0.00	33.23 1.29 0.00	33.38 1.27 0.00	32.76 1.27 0.00	32.82 1.47 0.00	36.33 1.79 0.00	35.86 1.93 0.00	38.25 2.34 0.00	43.40 2.82 0.00	50.12 3.27 0.00	52.05 3.33 0.00	55.93 3.46 0.00	54.35 2.87 0.00	57.86 3.53 0.00	59.56 3.40 0.00	71.63 3.80 0.00	56.32 2.86 0.00	57.69 2.62 0.00	44.83 2.35 0.00
GLOBAL GREEN_PORT_GT1 23814	50.47 3.64 0.00	42.20 2.45 0.00	36.09 1.94 0.00	35.75 2.13 0.00	34.49 2.08 0.00	35.16 2.03 0.00	34.09 2.15 0.00	34.06 1.95 0.00	33.42 1.93 0.00	33.66 2.32 0.00	37.18 2.63 0.00	36.44 2.51 0.00	38.88 2.96 0.00	43.79 3.21 0.00	50.62 3.77 0.00	52.86 4.14 0.00	56.85 4.39 0.00	56.01 4.53 0.00	59.92 5.59 0.00	61.37 5.21 0.00	73.37 5.54 0.00	57.85 4.39 0.00	59.12 4.06 0.00	46.42 3.94 0.00
GLOBE___DSASP 323697	44.39 -2.43 0.00	37.45 -2.30 0.00	31.98 -2.18 0.00	31.18 -2.44 0.00	30.02 -2.38 0.00	30.63 -2.50 0.00	29.35 -2.59 0.00	29.13 -2.98 0.00	29.11 -2.38 0.00	29.33 -2.02 0.00	32.56 -1.99 0.00	32.07 -1.86 0.00	33.83 -2.09 0.00	38.34 -2.24 0.00	44.12 -2.72 0.00	46.42 -2.30 0.00	49.85 -2.62 0.00	48.43 -3.06 0.00	51.09 -3.24 0.00	53.21 -2.96 0.00	64.00 -3.83 0.00	50.81 -2.65 0.00	52.97 -2.10 0.00	40.70 -1.78 0.00
GOETHSLN___LBMP 323567	48.64 1.82 0.00	41.14 1.39 0.00	35.35 1.19 0.00	34.86 1.24 0.00	33.62 1.22 0.00	34.25 1.12 0.00	33.05 1.11 0.00	33.23 1.12 0.00	32.58 1.09 0.00	32.61 1.27 0.00	36.06 1.52 0.00	35.61 1.68 0.00	37.94 2.03 0.00	43.12 2.54 0.00	49.91 3.06 0.00	51.83 3.12 0.00	55.73 3.27 0.00	54.24 2.76 0.00	57.76 3.43 0.00	59.72 3.56 0.00	71.85 4.02 0.00	56.14 2.68 0.00	57.57 2.51 0.00	44.56 2.08 0.00
GOLAH___69_KV_TB 1_2 80279	46.62 -0.20 0.00	39.33 -0.42 0.00	33.67 -0.49 0.00	32.91 -0.71 0.00	31.67 -0.73 0.00	32.34 -0.79 0.00	31.04 -0.90 0.00	30.91 -1.20 0.00	30.55 -0.94 0.00	30.63 -0.71 0.00	33.93 -0.62 0.00	33.40 -0.53 0.00	35.38 -0.53 0.00	40.13 -0.45 0.00	46.40 -0.44 0.00	48.70 -0.02 0.00	52.49 0.02 0.00	51.38 -0.09 0.00	54.42 0.09 0.00	56.76 0.58 0.00	68.34 0.51 0.00	53.80 0.34 0.00	55.50 0.43 0.00	42.51 0.02 0.00
GOODYEAR_LAKE_HYD 323669	47.89 1.07 0.00	40.56 0.81 0.00	34.79 0.63 0.00	34.22 0.60 0.00	33.01 0.61 0.00	33.78 0.65 0.00	32.56 0.62 0.00	32.71 0.60 0.00	32.15 0.66 0.00	32.05 0.71 0.00	35.32 0.77 0.00	34.67 0.73 0.00	36.76 0.84 0.00	41.65 1.07 0.00	48.20 1.35 0.00	50.26 1.55 0.00	54.20 1.74 0.00	53.08 1.60 0.00	56.34 2.01 0.00	58.44 2.27 0.00	70.32 2.49 0.00	55.22 1.75 0.00	56.69 1.63 0.00	43.68 1.20 0.00

GOUDEY___7 345031	46.62 -0.21 0.00	39.40 -0.36 0.00	33.79 -0.37 0.00	33.22 -0.39 0.00	32.07 -0.33 0.00	32.81 -0.32 0.00	31.57 -0.36 0.00	31.67 -0.44 0.00	31.09 -0.40 0.00	31.08 -0.26 0.00	34.26 -0.29 0.00	33.61 -0.32 0.00	35.56 -0.35 0.00	40.32 -0.25 0.00	46.65 -0.19 0.00	48.67 -0.04 0.00	52.42 -0.04 0.00	51.31 -0.17 0.00	54.61 0.28 0.00	56.68 0.51 0.00	68.17 0.34 0.00	53.42 -0.05 0.00	54.96 -0.10 0.00	42.29 -0.19 0.00
GOUDEY___7 23579	46.62 -0.21 0.00	39.40 -0.36 0.00	33.79 -0.37 0.00	33.22 -0.39 0.00	32.07 -0.33 0.00	32.81 -0.32 0.00	31.57 -0.36 0.00	31.67 -0.44 0.00	31.09 -0.40 0.00	31.08 -0.26 0.00	34.26 -0.29 0.00	33.61 -0.32 0.00	35.56 -0.35 0.00	40.32 -0.25 0.00	46.65 -0.19 0.00	48.67 -0.04 0.00	52.42 -0.04 0.00	51.31 -0.17 0.00	54.61 0.28 0.00	56.68 0.51 0.00	68.17 0.34 0.00	53.42 -0.05 0.00	54.96 -0.10 0.00	42.29 -0.19 0.00
GOUDEY___8 23580	46.62 -0.21 0.00	39.40 -0.36 0.00	33.79 -0.37 0.00	33.22 -0.39 0.00	32.07 -0.33 0.00	32.81 -0.32 0.00	31.57 -0.36 0.00	31.67 -0.44 0.00	31.09 -0.40 0.00	31.08 -0.26 0.00	34.26 -0.29 0.00	33.61 -0.32 0.00	35.56 -0.35 0.00	40.32 -0.25 0.00	46.65 -0.19 0.00	48.67 -0.04 0.00	52.42 -0.04 0.00	51.31 -0.17 0.00	54.61 0.28 0.00	56.68 0.51 0.00	68.17 0.34 0.00	53.42 -0.05 0.00	54.96 -0.10 0.00	42.29 -0.19 0.00
GOWANUS_GT1_1 24077	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_2 24078	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_3 24079	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_4 24080	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_5 24084	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_6 24111	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_7 24112	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT1_8 24113	48.68 1.85 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.88 3.41 0.00	54.37 2.90 0.00	57.89 3.56 0.00	59.89 3.72 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
GOWANUS_GT2_1 24114	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT2_2 24115	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT2_3 24116	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT2_4 24117	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00

GOWANUS_GT2_5 24118	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT2_6 24119	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT2_7 24120	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT2_8 24121	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
GOWANUS_GT3_1 24122	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_2 24123	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_3 24124	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_4 24125	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_5 24126	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_6 24127	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_7 24128	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT3_8 24129	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.88 1.26 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.27 1.17 0.00	32.64 1.16 0.00	32.67 1.33 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.11 2.20 0.00	43.17 2.60 0.00	49.99 3.14 0.00	51.93 3.21 0.00	55.89 3.42 0.00	54.37 2.89 0.00	57.88 3.55 0.00	59.88 3.71 0.00	72.10 4.27 0.00	56.40 2.94 0.00	57.75 2.68 0.00	44.79 2.31 0.00
GOWANUS_GT4_1 24130	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GOWANUS_GT4_2 24131	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GOWANUS_GT4_3 24132	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00

GOWANUS_GT4_4 24133	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GOWANUS_GT4_5 24134	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GOWANUS_GT4_6 24135	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GOWANUS_GT4_7 24136	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GOWANUS_GT4_8 24137	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GREENBSH_115KV_TB3 55895	46.84 0.02 0.00	39.89 0.14 0.00	34.43 0.27 0.00	34.09 0.48 0.00	32.87 0.46 0.00	33.60 0.47 0.00	32.40 0.46 0.00	32.48 0.37 0.00	31.77 0.28 0.00	31.54 0.20 0.00	34.51 -0.03 0.00	33.86 -0.07 0.00	35.92 0.01 0.00	40.57 0.00 0.00	46.65 -0.20 0.00	48.40 -0.32 0.00	52.11 -0.36 0.00	51.25 -0.23 0.00	54.31 -0.02 0.00	56.31 0.14 0.00	67.72 -0.10 0.00	53.39 -0.07 0.00	55.00 -0.06 0.00	42.50 0.02 0.00
GREENDGE_115KV_TB5 80291	46.59 -0.23 0.00	39.40 -0.35 0.00	33.73 -0.43 0.00	33.07 -0.54 0.00	31.91 -0.49 0.00	32.63 -0.50 0.00	31.36 -0.58 0.00	31.29 -0.82 0.00	30.66 -0.82 0.00	30.57 -0.77 0.00	33.76 -0.78 0.00	33.09 -0.85 0.00	35.04 -0.88 0.00	39.85 -0.72 0.00	46.14 -0.71 0.00	48.34 -0.38 0.00	51.88 -0.59 0.00	50.92 -0.56 0.00	54.22 -0.11 0.00	56.29 0.12 0.00	67.88 0.05 0.00	53.10 -0.36 0.00	54.68 -0.38 0.00	42.39 -0.10 0.00
GREENIDGE___3 23582	46.59 -0.23 0.00	39.40 -0.35 0.00	33.73 -0.43 0.00	33.07 -0.54 0.00	31.91 -0.49 0.00	32.63 -0.50 0.00	31.36 -0.58 0.00	31.29 -0.82 0.00	30.66 -0.82 0.00	30.57 -0.77 0.00	33.76 -0.78 0.00	33.09 -0.85 0.00	35.04 -0.88 0.00	39.85 -0.72 0.00	46.14 -0.71 0.00	48.34 -0.38 0.00	51.88 -0.59 0.00	50.92 -0.56 0.00	54.22 -0.11 0.00	56.29 0.12 0.00	67.88 0.05 0.00	53.10 -0.36 0.00	54.68 -0.38 0.00	42.39 -0.10 0.00
GREENIDGE___4 23583	47.10 -0.25 -0.53	39.97 -0.34 -0.56	33.74 -0.43 0.00	33.07 -0.55 0.00	31.91 -0.49 0.00	32.66 -0.50 -0.03	31.36 -0.58 0.00	31.29 -0.82 0.00	30.67 -0.82 0.00	30.57 -0.77 0.00	33.76 -0.78 0.00	33.08 -0.85 0.00	35.04 -0.88 0.00	39.85 -0.72 0.00	46.14 -0.71 0.00	48.33 -0.39 0.00	51.87 -0.59 0.00	50.92 -0.56 0.00	54.22 -0.11 0.00	56.29 0.12 0.00	67.87 0.04 0.00	54.46 -0.35 -1.35	56.13 -0.38 -1.44	44.32 -0.09 -1.93
GREENLWN_69_KV_BK 3 55738	48.78 1.96 0.00	41.18 1.43 0.00	35.38 1.22 0.00	35.03 1.41 0.00	33.75 1.35 0.00	34.33 1.20 0.00	33.24 1.30 0.00	33.32 1.21 0.00	32.69 1.20 0.00	32.79 1.45 0.00	36.24 1.69 0.00	35.75 1.81 0.00	38.17 2.26 0.00	43.18 2.60 0.00	49.62 2.78 0.00	51.45 2.73 0.00	55.16 2.69 0.00	53.88 2.40 0.00	57.44 3.11 0.00	58.88 2.71 0.00	70.69 2.86 0.00	55.46 1.99 0.00	56.86 1.80 0.00	44.63 2.14 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00
GRISSOM___SOLAR 323813	48.93 2.10 0.00	41.47 1.72 0.00	35.59 1.43 0.00	34.95 1.34 0.00	33.68 1.28 0.00	34.47 1.34 0.00	33.11 1.17 0.00	32.84 0.73 0.00	31.69 0.19 0.00	31.48 0.14 0.00	34.92 0.37 0.00	33.99 0.06 0.00	35.60 -0.31 0.00	40.16 -0.42 0.00	46.41 -0.44 0.00	48.45 -0.27 0.00	52.44 -0.02 0.00	52.10 0.62 0.00	56.24 1.91 0.00	59.43 3.26 0.00	71.72 3.90 0.00	56.39 2.93 0.00	57.91 2.85 0.00	44.55 2.06 0.00
GROVEVILLE___HYD 323602	48.70 1.87 0.00	41.24 1.49 0.00	35.43 1.27 0.00	34.93 1.32 0.00	33.70 1.30 0.00	34.35 1.22 0.00	33.11 1.17 0.00	33.28 1.17 0.00	32.61 1.11 0.00	32.55 1.21 0.00	35.97 1.43 0.00	35.51 1.58 0.00	37.81 1.90 0.00	42.95 2.38 0.00	49.72 2.88 0.00	51.70 2.98 0.00	55.71 3.25 0.00	54.45 2.96 0.00	57.94 3.61 0.00	59.91 3.74 0.00	72.00 4.17 0.00	56.32 2.85 0.00	57.73 2.67 0.00	44.54 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.57 -0.26 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.13 -0.28 0.00	32.86 -0.28 0.00	31.64 -0.30 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.30 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.34 0.17 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.82 -0.24 0.00	42.21 -0.28 0.00
HAMLTNNY_34_KV_TB 80303	46.65 -0.17 0.00	39.56 -0.19 0.00	33.89 -0.27 0.00	33.33 -0.28 0.00	32.14 -0.26 0.00	32.86 -0.27 0.00	31.64 -0.30 0.00	31.69 -0.42 0.00	31.14 -0.36 0.00	31.00 -0.34 0.00	34.22 -0.32 0.00	33.51 -0.43 0.00	35.40 -0.51 0.00	40.06 -0.52 0.00	46.35 -0.50 0.00	48.33 -0.39 0.00	52.21 -0.26 0.00	51.29 -0.19 0.00	54.32 -0.01 0.00	56.47 0.30 0.00	68.02 0.19 0.00	53.49 0.03 0.00	54.97 -0.09 0.00	42.28 -0.21 0.00

HAMPSHIRE___PAPER_HYD 323593	47.57 0.75 0.00	40.29 0.54 0.00	34.52 0.36 0.00	33.93 0.31 0.00	32.72 0.31 0.00	33.63 0.50 0.00	32.42 0.48 0.00	32.60 0.49 0.00	31.94 0.45 0.00	31.67 0.33 0.00	34.94 0.39 0.00	34.27 0.34 0.00	36.23 0.32 0.00	41.02 0.44 0.00	47.34 0.49 0.00	49.18 0.46 0.00	53.01 0.54 0.00	52.34 0.86 0.00	55.31 0.98 0.00	57.88 1.71 0.00	70.26 2.44 0.00	55.32 1.86 0.00	56.90 1.84 0.00	43.69 1.21 0.00
HARDSCRABBLE_WT_PWR 323673	47.35 0.53 0.00	40.19 0.44 0.00	34.55 0.39 0.00	34.11 0.49 0.00	32.90 0.50 0.00	33.63 0.50 0.00	32.36 0.42 0.00	32.40 0.30 0.00	31.39 -0.09 0.00	31.19 -0.15 0.00	34.19 -0.36 0.00	33.48 -0.46 0.00	35.35 -0.57 0.00	39.93 -0.64 0.00	46.09 -0.76 0.00	47.95 -0.76 0.00	51.88 -0.59 0.00	51.25 -0.23 0.00	55.10 0.77 0.00	57.57 1.41 0.00	69.34 1.51 0.00	54.48 1.01 0.00	55.90 0.84 0.00	43.17 0.69 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.50 1.68 0.00	41.03 1.28 0.00	35.25 1.09 0.00	34.73 1.12 0.00	33.50 1.10 0.00	34.15 1.02 0.00	32.92 0.98 0.00	33.09 0.97 0.00	32.44 0.95 0.00	32.43 1.09 0.00	35.89 1.35 0.00	35.44 1.51 0.00	37.74 1.83 0.00	42.89 2.31 0.00	49.66 2.81 0.00	51.66 2.94 0.00	55.66 3.19 0.00	54.33 2.85 0.00	57.85 3.52 0.00	59.78 3.62 0.00	71.85 4.02 0.00	56.15 2.69 0.00	57.56 2.49 0.00	44.41 1.92 0.00
HARSNRAD_115KV_TB1 81005	45.05 -1.78 0.00	37.95 -1.80 0.00	32.52 -1.64 0.00	31.71 -1.91 0.00	30.52 -1.89 0.00	31.15 -1.98 0.00	29.83 -2.11 0.00	29.59 -2.52 0.00	29.49 -2.00 0.00	29.69 -1.65 0.00	32.96 -1.59 0.00	32.46 -1.47 0.00	34.26 -1.65 0.00	38.87 -1.70 0.00	44.82 -2.03 0.00	47.15 -1.57 0.00	50.69 -1.78 0.00	49.14 -2.34 0.00	51.90 -2.43 0.00	54.18 -1.98 0.00	65.19 -2.64 0.00	51.48 -1.98 0.00	53.49 -1.57 0.00	41.00 -1.48 0.00
HARZA MOOSE___RIVER 24016	47.69 0.87 0.00	40.43 0.67 0.00	34.66 0.50 0.00	34.11 0.50 0.00	32.89 0.49 0.00	33.86 0.73 0.00	32.63 0.69 0.00	32.73 0.62 0.00	32.05 0.56 0.00	31.83 0.48 0.00	35.09 0.54 0.00	34.33 0.40 0.00	36.30 0.38 0.00	41.20 0.63 0.00	47.61 0.76 0.00	49.51 0.79 0.00	53.32 0.85 0.00	52.59 1.11 0.00	56.00 1.67 0.00	58.60 2.43 0.00	70.97 3.14 0.00	55.87 2.41 0.00	57.37 2.30 0.00	44.02 1.54 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.30 -0.53 0.00	39.27 -0.48 0.00	33.71 -0.45 0.00	33.12 -0.50 0.00	31.93 -0.47 0.00	32.65 -0.48 0.00	31.44 -0.50 0.00	31.54 -0.57 0.00	30.97 -0.53 0.00	30.89 -0.45 0.00	34.06 -0.49 0.00	33.44 -0.50 0.00	35.32 -0.58 0.00	39.98 -0.60 0.00	46.21 -0.64 0.00	48.20 -0.52 0.00	51.98 -0.49 0.00	50.98 -0.50 0.00	54.04 -0.29 0.00	55.98 -0.19 0.00	67.40 -0.43 0.00	52.99 -0.48 0.00	54.50 -0.57 0.00	41.97 -0.51 0.00
HELLGATE_13_KV_LD 55870	49.00 2.18 0.00	41.49 1.74 0.00	35.63 1.47 0.00	35.11 1.49 0.00	33.89 1.48 0.00	34.51 1.38 0.00	33.32 1.38 0.00	33.51 1.40 0.00	32.91 1.42 0.00	32.93 1.59 0.00	36.41 1.87 0.00	35.98 2.05 0.00	38.33 2.42 0.00	43.48 2.91 0.00	50.34 3.50 0.00	52.26 3.54 0.00	56.09 3.63 0.00	54.58 3.10 0.00	58.04 3.71 0.00	60.02 3.85 0.00	72.28 4.45 0.00	56.55 3.09 0.00	57.98 2.92 0.00	44.98 2.49 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.00 2.18 0.00	41.49 1.74 0.00	35.63 1.47 0.00	35.11 1.49 0.00	33.89 1.48 0.00	34.51 1.38 0.00	33.32 1.38 0.00	33.51 1.40 0.00	32.91 1.42 0.00	32.93 1.59 0.00	36.41 1.87 0.00	35.98 2.05 0.00	38.33 2.42 0.00	43.48 2.91 0.00	50.34 3.50 0.00	52.26 3.54 0.00	56.09 3.63 0.00	54.58 3.10 0.00	58.04 3.71 0.00	60.02 3.85 0.00	72.28 4.45 0.00	56.55 3.09 0.00	57.98 2.92 0.00	44.98 2.49 0.00
HEMPSTEAD____ 23647	48.78 1.95 0.00	41.20 1.45 0.00	35.38 1.23 0.00	34.96 1.35 0.00	33.70 1.30 0.00	34.31 1.18 0.00	33.15 1.21 0.00	33.29 1.19 0.00	32.66 1.17 0.00	32.74 1.40 0.00	36.23 1.68 0.00	35.74 1.81 0.00	38.14 2.23 0.00	43.21 2.64 0.00	49.83 2.98 0.00	51.72 3.00 0.00	55.55 3.08 0.00	54.14 2.66 0.00	57.68 3.36 0.00	59.27 3.11 0.00	71.25 3.42 0.00	55.93 2.47 0.00	57.31 2.25 0.00	44.67 2.19 0.00
HICKLING___1 23621	46.48 -0.34 0.00	39.13 -0.62 0.00	33.50 -0.66 0.00	32.86 -0.75 0.00	31.76 -0.65 0.00	32.50 -0.63 0.00	31.19 -0.74 0.00	31.15 -0.96 0.00	30.53 -0.96 0.00	30.60 -0.74 0.00	33.85 -0.70 0.00	33.23 -0.71 0.00	35.18 -0.73 0.00	40.04 -0.54 0.00	46.35 -0.50 0.00	48.45 -0.27 0.00	52.18 -0.29 0.00	50.95 -0.53 0.00	54.47 0.14 0.00	56.70 0.53 0.00	68.20 0.37 0.00	53.28 -0.18 0.00	54.87 -0.19 0.00	42.15 -0.33 0.00
HICKLING___2 23622	46.48 -0.34 0.00	39.13 -0.62 0.00	33.50 -0.66 0.00	32.86 -0.75 0.00	31.76 -0.65 0.00	32.50 -0.63 0.00	31.19 -0.74 0.00	31.15 -0.96 0.00	30.53 -0.96 0.00	30.60 -0.74 0.00	33.85 -0.70 0.00	33.23 -0.71 0.00	35.18 -0.73 0.00	40.04 -0.54 0.00	46.35 -0.50 0.00	48.45 -0.27 0.00	52.18 -0.29 0.00	50.95 -0.53 0.00	54.47 0.14 0.00	56.70 0.53 0.00	68.20 0.37 0.00	53.28 -0.18 0.00	54.87 -0.19 0.00	42.15 -0.33 0.00
HIGH FALLS___HY 23754	48.73 1.91 0.00	41.21 1.46 0.00	35.37 1.21 0.00	34.82 1.20 0.00	33.57 1.17 0.00	34.22 1.10 0.00	33.00 1.06 0.00	33.18 1.07 0.00	32.53 1.04 0.00	32.43 1.09 0.00	35.83 1.28 0.00	35.30 1.37 0.00	37.56 1.65 0.00	42.75 2.18 0.00	49.57 2.73 0.00	51.78 3.06 0.00	55.91 3.45 0.00	54.60 3.12 0.00	58.22 3.89 0.00	60.17 4.00 0.00	72.31 4.48 0.00	56.49 3.03 0.00	57.85 2.79 0.00	44.58 2.10 0.00
HIGH_RIVER___SOLAR 323847	48.23 1.40 0.00	40.93 1.18 0.00	35.17 1.01 0.00	34.60 0.98 0.00	33.34 0.94 0.00	34.12 0.99 0.00	32.82 0.88 0.00	32.74 0.63 0.00	31.88 0.39 0.00	31.47 0.13 0.00	34.65 0.11 0.00	34.03 0.09 0.00	35.83 -0.08 0.00	40.35 -0.22 0.00	46.57 -0.27 0.00	48.46 -0.26 0.00	52.34 -0.13 0.00	51.92 0.44 0.00	55.61 1.28 0.00	58.26 2.09 0.00	70.28 2.45 0.00	55.32 1.86 0.00	56.89 1.83 0.00	43.84 1.35 0.00
HILLBURN___GT 23639	48.39 1.57 0.00	40.93 1.18 0.00	35.17 1.02 0.00	34.68 1.06 0.00	33.44 1.03 0.00	34.09 0.96 0.00	32.86 0.92 0.00	33.03 0.92 0.00	32.39 0.90 0.00	32.41 1.07 0.00	35.89 1.34 0.00	35.43 1.50 0.00	37.71 1.80 0.00	42.86 2.28 0.00	49.59 2.75 0.00	51.53 2.81 0.00	55.48 3.01 0.00	54.08 2.60 0.00	57.63 3.29 0.00	59.57 3.41 0.00	71.59 3.76 0.00	55.94 2.48 0.00	57.37 2.31 0.00	44.29 1.81 0.00
HILLSIDE_115KV_TB1 80332	45.76 -1.06 0.00	38.52 -1.23 0.00	32.99 -1.17 0.00	32.41 -1.21 0.00	31.33 -1.08 0.00	32.07 -1.06 0.00	30.80 -1.14 0.00	30.82 -1.29 0.00	30.22 -1.27 0.00	30.32 -1.02 0.00	33.51 -1.04 0.00	32.87 -1.06 0.00	34.80 -1.12 0.00	39.53 -1.05 0.00	45.77 -1.08 0.00	47.81 -0.90 0.00	51.48 -0.99 0.00	50.20 -1.28 0.00	53.62 -0.71 0.00	55.78 -0.39 0.00	67.02 -0.81 0.00	52.32 -1.14 0.00	53.88 -1.19 0.00	41.39 -1.09 0.00

HISHELDN_WT_PWR 323625	45.18 -1.07 0.58	37.89 -1.25 0.61	32.92 -1.24 0.00	32.16 -1.46 0.00	30.99 -1.42 0.00	31.60 -1.50 0.04	30.27 -1.67 0.00	30.06 -2.05 0.00	29.74 -1.75 0.00	29.95 -1.39 0.00	33.23 -1.32 0.00	32.70 -1.24 0.00	34.57 -1.35 0.00	39.26 -1.31 0.00	45.27 -1.57 0.00	47.54 -1.18 0.00	51.02 -1.45 0.00	49.71 -1.77 0.00	52.79 -1.54 0.00	55.22 -0.95 0.00	66.46 -1.37 0.00	50.86 -1.12 1.48	52.63 -0.86 1.58	39.48 -0.89 2.11
HOLTSVILLE_IC_1 23690	49.13 2.31 0.00	41.28 1.53 0.00	35.46 1.30 0.00	35.16 1.55 0.00	33.89 1.49 0.00	34.49 1.36 0.00	33.44 1.50 0.00	33.48 1.38 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.41 1.87 0.00	35.84 1.91 0.00	38.27 2.36 0.00	43.19 2.62 0.00	49.67 2.82 0.00	51.53 2.81 0.00	55.22 2.75 0.00	54.05 2.57 0.00	57.71 3.38 0.00	59.04 2.87 0.00	70.81 2.99 0.00	55.67 2.21 0.00	57.09 2.03 0.00	44.83 2.35 0.00
HOLTSVILLE_IC_10 23699	49.34 2.52 0.00	41.43 1.68 0.00	35.58 1.42 0.00	35.29 1.68 0.00	34.01 1.60 0.00	34.61 1.48 0.00	33.56 1.62 0.00	33.61 1.50 0.00	32.98 1.49 0.00	33.07 1.73 0.00	36.56 2.02 0.00	36.00 2.07 0.00	38.46 2.55 0.00	43.41 2.83 0.00	49.95 3.10 0.00	51.87 3.16 0.00	55.57 3.10 0.00	54.44 2.95 0.00	58.15 3.82 0.00	59.44 3.27 0.00	71.27 3.44 0.00	56.03 2.57 0.00	57.42 2.36 0.00	45.08 2.59 0.00
HOLTSVILLE_IC_2 23691	49.13 2.31 0.00	41.28 1.53 0.00	35.46 1.30 0.00	35.16 1.55 0.00	33.89 1.49 0.00	34.49 1.36 0.00	33.44 1.50 0.00	33.48 1.38 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.41 1.87 0.00	35.84 1.91 0.00	38.27 2.36 0.00	43.19 2.62 0.00	49.67 2.82 0.00	51.53 2.81 0.00	55.22 2.75 0.00	54.05 2.57 0.00	57.71 3.38 0.00	59.04 2.87 0.00	70.81 2.99 0.00	55.67 2.21 0.00	57.09 2.03 0.00	44.83 2.35 0.00
HOLTSVILLE_IC_3 23692	49.13 2.31 0.00	41.28 1.53 0.00	35.46 1.30 0.00	35.16 1.55 0.00	33.89 1.49 0.00	34.49 1.36 0.00	33.44 1.50 0.00	33.48 1.38 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.41 1.87 0.00	35.84 1.91 0.00	38.27 2.36 0.00	43.19 2.62 0.00	49.67 2.82 0.00	51.53 2.81 0.00	55.22 2.75 0.00	54.05 2.57 0.00	57.71 3.38 0.00	59.04 2.87 0.00	70.81 2.99 0.00	55.67 2.21 0.00	57.09 2.03 0.00	44.83 2.35 0.00
HOLTSVILLE_IC_4 23693	49.13 2.31 0.00	41.28 1.53 0.00	35.46 1.30 0.00	35.16 1.55 0.00	33.89 1.49 0.00	34.49 1.36 0.00	33.44 1.50 0.00	33.48 1.38 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.41 1.87 0.00	35.84 1.91 0.00	38.27 2.36 0.00	43.19 2.62 0.00	49.67 2.82 0.00	51.53 2.81 0.00	55.22 2.75 0.00	54.05 2.57 0.00	57.71 3.38 0.00	59.04 2.87 0.00	70.81 2.99 0.00	55.67 2.21 0.00	57.09 2.03 0.00	44.83 2.35 0.00
HOLTSVILLE_IC_5 23694	49.13 2.31 0.00	41.28 1.53 0.00	35.46 1.30 0.00	35.16 1.55 0.00	33.89 1.49 0.00	34.49 1.36 0.00	33.44 1.50 0.00	33.48 1.38 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.41 1.87 0.00	35.84 1.91 0.00	38.27 2.36 0.00	43.19 2.62 0.00	49.67 2.82 0.00	51.53 2.81 0.00	55.22 2.75 0.00	54.05 2.57 0.00	57.71 3.38 0.00	59.04 2.87 0.00	70.81 2.99 0.00	55.67 2.21 0.00	57.09 2.03 0.00	44.83 2.35 0.00
HOLTSVILLE_IC_6 23695	49.34 2.52 0.00	41.43 1.68 0.00	35.58 1.42 0.00	35.29 1.68 0.00	34.01 1.60 0.00	34.61 1.48 0.00	33.56 1.62 0.00	33.61 1.50 0.00	32.98 1.49 0.00	33.07 1.73 0.00	36.56 2.02 0.00	36.00 2.07 0.00	38.46 2.55 0.00	43.41 2.83 0.00	49.95 3.10 0.00	51.87 3.16 0.00	55.57 3.10 0.00	54.44 2.95 0.00	58.15 3.82 0.00	59.44 3.27 0.00	71.27 3.44 0.00	56.03 2.57 0.00	57.42 2.36 0.00	45.08 2.59 0.00
HOLTSVILLE_IC_7 23696	49.34 2.52 0.00	41.43 1.68 0.00	35.58 1.42 0.00	35.29 1.68 0.00	34.01 1.60 0.00	34.61 1.48 0.00	33.56 1.62 0.00	33.61 1.50 0.00	32.98 1.49 0.00	33.07 1.73 0.00	36.56 2.02 0.00	36.00 2.07 0.00	38.46 2.55 0.00	43.41 2.83 0.00	49.95 3.10 0.00	51.87 3.16 0.00	55.57 3.10 0.00	54.44 2.95 0.00	58.15 3.82 0.00	59.44 3.27 0.00	71.27 3.44 0.00	56.03 2.57 0.00	57.42 2.36 0.00	45.08 2.59 0.00
HOLTSVILLE_IC_8 23697	49.34 2.52 0.00	41.43 1.68 0.00	35.58 1.42 0.00	35.29 1.68 0.00	34.01 1.60 0.00	34.61 1.48 0.00	33.56 1.62 0.00	33.61 1.50 0.00	32.98 1.49 0.00	33.07 1.73 0.00	36.56 2.02 0.00	36.00 2.07 0.00	38.46 2.55 0.00	43.41 2.83 0.00	49.95 3.10 0.00	51.87 3.16 0.00	55.57 3.10 0.00	54.44 2.95 0.00	58.15 3.82 0.00	59.44 3.27 0.00	71.27 3.44 0.00	56.03 2.57 0.00	57.42 2.36 0.00	45.08 2.59 0.00
HOLTSVILLE_IC_9 23698	49.34 2.52 0.00	41.43 1.68 0.00	35.58 1.42 0.00	35.29 1.68 0.00	34.01 1.60 0.00	34.61 1.48 0.00	33.56 1.62 0.00	33.61 1.50 0.00	32.98 1.49 0.00	33.07 1.73 0.00	36.56 2.02 0.00	36.00 2.07 0.00	38.46 2.55 0.00	43.41 2.83 0.00	49.95 3.10 0.00	51.87 3.16 0.00	55.57 3.10 0.00	54.44 2.95 0.00	58.15 3.82 0.00	59.44 3.27 0.00	71.27 3.44 0.00	56.03 2.57 0.00	57.42 2.36 0.00	45.08 2.59 0.00
HOMER_HL_115KV_TB2 355744	46.21 -0.62 0.00	38.80 -0.95 0.00	33.12 -1.04 0.00	32.45 -1.17 0.00	31.30 -1.10 0.00	31.96 -1.17 0.00	30.64 -1.30 0.00	30.54 -1.57 0.00	30.26 -1.23 0.00	30.48 -0.86 0.00	33.84 -0.70 0.00	33.12 -0.81 0.00	34.89 -1.02 0.00	39.69 -0.89 0.00	45.76 -1.09 0.00	47.96 -0.76 0.00	51.61 -0.85 0.00	50.17 -1.31 0.00	53.39 -0.94 0.00	55.70 -0.47 0.00	66.82 -1.01 0.00	52.51 -0.95 0.00	54.40 -0.67 0.00	41.74 -0.75 0.00
HOWARD_WT_PWR 323690	47.12 0.07 -0.23	39.75 -0.24 -0.24	33.73 -0.43 0.00	32.96 -0.66 0.00	31.89 -0.51 0.00	32.63 -0.51 -0.01	31.24 -0.70 0.00	30.96 -1.15 0.00	30.24 -1.25 0.00	30.37 -0.97 0.00	33.70 -0.85 0.00	33.09 -0.84 0.00	35.12 -0.79 0.00	39.99 -0.58 0.00	46.22 -0.63 0.00	48.26 -0.46 0.00	51.69 -0.78 0.00	50.64 -0.84 0.00	54.16 -0.17 0.00	56.66 0.49 0.00	68.69 0.86 0.00	54.56 0.51 -0.58	56.34 0.66 -0.62	43.58 0.26 -0.83
HQ_GEN_CEDARS 23644	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.30 0.00	32.67 0.26 0.00	33.39 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.97 0.48 0.00	31.74 0.40 0.00	35.05 0.51 0.00	34.45 0.52 0.00	36.45 0.54 0.00	41.12 0.54 0.00	47.50 0.65 0.00	49.38 0.66 0.00	53.23 0.76 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.57 0.40 0.00	68.51 0.68 0.00	53.97 0.51 0.00	55.71 0.65 0.00	42.99 0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.29 0.00	32.67 0.26 0.00	33.38 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.89 0.48 0.08	31.74 0.40 0.00	35.05 0.51 0.00	34.45 0.52 0.00	36.45 0.54 0.00	41.12 0.54 0.00	47.50 0.65 0.00	49.38 0.66 0.00	53.22 0.76 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.58 0.41 0.00	68.51 0.68 0.00	53.97 0.51 0.00	55.71 0.65 0.00	42.84 0.51 0.15

HQ_GEN_CHPE_PROXY 323851	48.69 1.87 0.00	41.20 1.44 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.10 1.16 0.00	33.27 1.16 0.00	32.65 1.16 0.00	33.98 1.33 -1.31	36.11 1.57 0.00	35.66 1.73 0.00	38.06 2.09 -0.06	43.15 2.58 0.00	49.93 3.08 0.00	51.86 3.15 0.00	55.71 3.24 0.00	54.15 2.67 0.00	57.63 3.30 0.00	59.58 3.41 0.00	71.78 3.95 0.00	56.15 2.69 0.00	57.60 2.54 0.00	42.71 2.13 1.91
HQ_GEN_IMPORT 323601	47.12 0.29 0.00	39.97 0.22 0.00	34.34 0.18 0.00	33.75 0.13 0.00	32.53 0.13 0.00	33.25 0.12 0.00	32.07 0.13 0.00	32.31 0.20 0.00	31.72 0.23 0.00	32.86 0.21 -1.31	34.81 0.27 0.00	34.20 0.27 0.00	36.26 0.29 -0.06	40.86 0.29 0.00	47.17 0.32 0.00	49.06 0.34 0.00	52.85 0.38 0.00	51.89 0.41 0.00	54.41 0.08 0.00	56.07 -0.10 0.00	67.93 0.10 0.00	53.67 0.20 0.00	55.34 0.28 0.00	42.70 0.22 0.00
HQ_GEN_WHEEL 23651	47.12 0.29 0.00	39.97 0.22 0.00	34.34 0.18 0.00	33.75 0.13 0.00	32.53 0.13 0.00	33.25 0.12 0.00	32.07 0.13 0.00	32.31 0.20 0.00	31.72 0.23 0.00	32.86 0.21 -1.31	34.81 0.27 0.00	34.20 0.27 0.00	36.26 0.29 -0.06	40.86 0.29 0.00	47.17 0.32 0.00	49.06 0.34 0.00	52.85 0.38 0.00	51.89 0.41 0.00	54.41 0.08 0.00	56.07 -0.10 0.00	67.93 0.10 0.00	53.67 0.20 0.00	55.34 0.28 0.00	42.70 0.22 0.00
HUDSON_AVE_GT_3 23810	48.82 1.99 0.00	41.30 1.55 0.00	35.48 1.32 0.00	34.98 1.36 0.00	33.75 1.34 0.00	34.38 1.25 0.00	33.17 1.23 0.00	33.35 1.25 0.00	32.73 1.24 0.00	32.76 1.42 0.00	36.21 1.67 0.00	35.76 1.82 0.00	38.11 2.19 0.00	43.29 2.72 0.00	50.10 3.25 0.00	52.03 3.31 0.00	55.90 3.43 0.00	54.36 2.88 0.00	57.88 3.55 0.00	59.82 3.65 0.00	72.00 4.18 0.00	56.32 2.86 0.00	57.79 2.73 0.00	44.75 2.26 0.00
HUDSON_AVE_GT_4 23540	48.82 1.99 0.00	41.30 1.55 0.00	35.48 1.32 0.00	34.98 1.36 0.00	33.75 1.34 0.00	34.38 1.25 0.00	33.17 1.23 0.00	33.35 1.25 0.00	32.73 1.24 0.00	32.76 1.42 0.00	36.21 1.67 0.00	35.76 1.82 0.00	38.11 2.19 0.00	43.29 2.72 0.00	50.10 3.25 0.00	52.03 3.31 0.00	55.90 3.43 0.00	54.36 2.88 0.00	57.88 3.55 0.00	59.82 3.65 0.00	72.00 4.18 0.00	56.32 2.86 0.00	57.79 2.73 0.00	44.75 2.26 0.00
HUDSON_AVE_GT_5 23657	48.82 1.99 0.00	41.30 1.55 0.00	35.48 1.32 0.00	34.98 1.36 0.00	33.75 1.34 0.00	34.38 1.25 0.00	33.17 1.23 0.00	33.35 1.25 0.00	32.73 1.24 0.00	32.76 1.42 0.00	36.21 1.67 0.00	35.76 1.82 0.00	38.11 2.19 0.00	43.29 2.72 0.00	50.10 3.25 0.00	52.03 3.31 0.00	55.90 3.43 0.00	54.36 2.88 0.00	57.88 3.55 0.00	59.82 3.65 0.00	72.00 4.18 0.00	56.32 2.86 0.00	57.79 2.73 0.00	44.75 2.26 0.00
HUDSON_AVE_10 24168	48.72 1.89 0.00	41.22 1.47 0.00	35.42 1.26 0.00	34.91 1.29 0.00	33.67 1.27 0.00	34.31 1.18 0.00	33.10 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.97 3.12 0.00	51.91 3.19 0.00	55.75 3.29 0.00	54.22 2.75 0.00	57.72 3.40 0.00	59.68 3.51 0.00	71.85 4.02 0.00	56.19 2.73 0.00	57.72 2.65 0.00	44.69 2.20 0.00
HUDSON___115KV_TB 4 355613	47.85 1.03 0.00	40.69 0.94 0.00	35.06 0.90 0.00	34.67 1.05 0.00	33.41 1.00 0.00	34.15 1.02 0.00	32.92 0.98 0.00	32.96 0.85 0.00	32.09 0.60 0.00	31.87 0.53 0.00	34.83 0.28 0.00	34.19 0.26 0.00	36.30 0.39 0.00	40.94 0.37 0.00	47.13 0.28 0.00	48.95 0.23 0.00	52.75 0.29 0.00	52.10 0.62 0.00	55.51 1.18 0.00	57.90 1.73 0.00	69.78 1.94 0.00	54.93 1.47 0.00	56.46 1.40 0.00	43.52 1.04 0.00
HUNTER MOUNT___DRP 323613	48.05 1.23 0.00	40.84 1.09 0.00	35.18 1.02 0.00	34.77 1.16 0.00	33.52 1.11 0.00	34.26 1.13 0.00	33.02 1.08 0.00	33.08 0.97 0.00	32.21 0.71 0.00	31.98 0.64 0.00	34.93 0.39 0.00	34.31 0.38 0.00	36.44 0.53 0.00	41.06 0.48 0.00	47.29 0.45 0.00	49.12 0.41 0.00	53.00 0.53 0.00	52.47 0.99 0.00	55.86 1.53 0.00	58.28 2.11 0.00	70.24 2.42 0.00	55.29 1.83 0.00	56.78 1.72 0.00	43.73 1.25 0.00
HUNTINGTON_RES_REC 323705	49.00 2.18 0.00	41.27 1.52 0.00	35.44 1.28 0.00	35.12 1.50 0.00	33.83 1.42 0.00	34.42 1.29 0.00	33.35 1.41 0.00	33.42 1.32 0.00	32.79 1.30 0.00	32.91 1.56 0.00	36.37 1.82 0.00	35.84 1.91 0.00	38.31 2.40 0.00	43.31 2.74 0.00	49.83 2.98 0.00	51.72 3.00 0.00	55.45 2.99 0.00	54.25 2.77 0.00	57.88 3.55 0.00	59.21 3.04 0.00	71.01 3.18 0.00	55.73 2.27 0.00	57.13 2.07 0.00	44.83 2.35 0.00
HUNTLEY___63 23557	45.46 -1.36 0.00	38.28 -1.47 0.00	32.72 -1.43 0.00	31.91 -1.71 0.00	30.71 -1.70 0.00	31.35 -1.78 0.00	30.01 -1.92 0.00	29.81 -2.30 0.00	29.75 -1.75 0.00	29.98 -1.36 0.00	33.30 -1.25 0.00	32.83 -1.11 0.00	34.65 -1.26 0.00	39.33 -1.24 0.00	45.35 -1.50 0.00	47.71 -1.01 0.00	51.26 -1.21 0.00	49.80 -1.68 0.00	52.60 -1.74 0.00	54.84 -1.33 0.00	65.92 -1.91 0.00	52.10 -1.37 0.00	54.16 -0.90 0.00	41.51 -0.97 0.00
HUNTLEY___64 23558	45.46 -1.36 0.00	38.28 -1.47 0.00	32.72 -1.43 0.00	31.91 -1.71 0.00	30.71 -1.70 0.00	31.35 -1.78 0.00	30.01 -1.92 0.00	29.81 -2.30 0.00	29.75 -1.75 0.00	29.98 -1.36 0.00	33.30 -1.25 0.00	32.83 -1.11 0.00	34.65 -1.26 0.00	39.33 -1.24 0.00	45.35 -1.50 0.00	47.71 -1.01 0.00	51.26 -1.21 0.00	49.80 -1.68 0.00	52.60 -1.74 0.00	54.84 -1.33 0.00	65.92 -1.91 0.00	52.10 -1.37 0.00	54.16 -0.90 0.00	41.51 -0.97 0.00
HUNTLEY___65 23559	45.46 -1.36 0.00	38.28 -1.47 0.00	32.72 -1.43 0.00	31.91 -1.71 0.00	30.71 -1.70 0.00	31.35 -1.78 0.00	30.01 -1.92 0.00	29.81 -2.30 0.00	29.75 -1.75 0.00	29.98 -1.36 0.00	33.30 -1.25 0.00	32.83 -1.11 0.00	34.65 -1.26 0.00	39.33 -1.24 0.00	45.35 -1.50 0.00	47.71 -1.01 0.00	51.26 -1.21 0.00	49.80 -1.68 0.00	52.60 -1.74 0.00	54.84 -1.33 0.00	65.92 -1.91 0.00	52.10 -1.37 0.00	54.16 -0.90 0.00	41.51 -0.97 0.00
HUNTLEY___66 23560	45.46 -1.36 0.00	38.28 -1.47 0.00	32.72 -1.43 0.00	31.91 -1.71 0.00	30.71 -1.70 0.00	31.35 -1.78 0.00	30.01 -1.92 0.00	29.81 -2.30 0.00	29.75 -1.75 0.00	29.98 -1.36 0.00	33.30 -1.25 0.00	32.83 -1.11 0.00	34.65 -1.26 0.00	39.33 -1.24 0.00	45.35 -1.50 0.00	47.71 -1.01 0.00	51.26 -1.21 0.00	49.80 -1.68 0.00	52.60 -1.74 0.00	54.84 -1.33 0.00	65.92 -1.91 0.00	52.10 -1.37 0.00	54.16 -0.90 0.00	41.51 -0.97 0.00
HUNTLEY___67 23561	45.26 -1.57 0.00	38.10 -1.66 0.00	32.58 -1.58 0.00	31.79 -1.83 0.00	30.62 -1.79 0.00	31.25 -1.88 0.00	29.93 -2.01 0.00	29.74 -2.37 0.00	29.66 -1.84 0.00	29.89 -1.45 0.00	33.20 -1.34 0.00	32.68 -1.25 0.00	34.49 -1.42 0.00	39.14 -1.44 0.00	45.12 -1.72 0.00	47.46 -1.26 0.00	50.97 -1.49 0.00	49.52 -1.96 0.00	52.34 -1.99 0.00	54.56 -1.61 0.00	65.60 -2.23 0.00	51.76 -1.70 0.00	53.76 -1.30 0.00	41.25 -1.24 0.00

HUNTLEY___68 23562	45.26 -1.57 0.00	38.10 -1.66 0.00	32.58 -1.58 0.00	31.79 -1.83 0.00	30.62 -1.79 0.00	31.25 -1.88 0.00	29.93 -2.01 0.00	29.74 -2.37 0.00	29.66 -1.84 0.00	29.89 -1.45 0.00	33.20 -1.34 0.00	32.68 -1.25 0.00	34.49 -1.42 0.00	39.14 -1.44 0.00	45.12 -1.72 0.00	47.46 -1.26 0.00	50.97 -1.49 0.00	49.52 -1.96 0.00	52.34 -1.99 0.00	54.56 -1.61 0.00	65.60 -2.23 0.00	51.76 -1.70 0.00	53.76 -1.30 0.00	41.25 -1.24 0.00
HYLAND___LFGE 323620	48.81 1.98 0.00	41.07 1.32 0.00	35.12 0.96 0.00	34.29 0.68 0.00	33.04 0.63 0.00	33.75 0.62 0.00	32.38 0.44 0.00	32.12 0.01 0.00	31.06 -0.42 0.00	30.94 -0.40 0.00	34.29 -0.25 0.00	33.83 -0.10 0.00	35.88 -0.03 0.00	40.74 0.16 0.00	47.13 0.28 0.00	49.43 0.71 0.00	53.11 0.64 0.00	52.67 1.19 0.00	56.38 2.05 0.00	59.24 3.07 0.00	72.11 4.29 0.00	56.88 3.42 0.00	58.43 3.37 0.00	44.59 2.10 0.00
INDECK___CORINTH 23802	48.24 1.42 0.00	41.08 1.33 0.00	35.28 1.12 0.00	34.69 1.07 0.00	33.40 1.00 0.00	34.18 1.05 0.00	32.96 1.02 0.00	32.95 0.84 0.00	31.97 0.48 0.00	31.65 0.31 0.00	34.65 0.10 0.00	34.09 0.16 0.00	36.25 0.34 0.00	40.71 0.13 0.00	46.83 -0.02 0.00	48.55 -0.17 0.00	52.41 -0.06 0.00	52.08 0.60 0.00	56.13 1.80 0.00	58.40 2.23 0.00	70.54 2.71 0.00	55.52 2.06 0.00	57.13 2.06 0.00	44.00 1.51 0.00
INDECK___ILION 23567	47.16 0.33 0.00	40.04 0.29 0.00	34.41 0.25 0.00	33.92 0.30 0.00	32.71 0.31 0.00	33.45 0.31 0.00	32.21 0.27 0.00	32.28 0.17 0.00	31.46 -0.03 0.00	31.28 -0.06 0.00	34.37 -0.17 0.00	33.71 -0.23 0.00	35.63 -0.28 0.00	40.28 -0.30 0.00	46.50 -0.34 0.00	48.36 -0.36 0.00	52.21 -0.25 0.00	51.42 -0.06 0.00	54.87 0.53 0.00	57.08 0.91 0.00	68.81 0.98 0.00	54.13 0.67 0.00	55.62 0.56 0.00	42.92 0.44 0.00
INDECK___OLEAN 23982	44.64 -0.62 1.57	37.14 -0.95 1.66	33.11 -1.04 0.01	32.45 -1.17 0.00	31.30 -1.10 0.00	31.86 -1.17 0.10	30.63 -1.30 0.00	30.54 -1.57 0.00	30.26 -1.23 0.00	30.48 -0.86 0.00	33.83 -0.71 0.00	33.11 -0.82 0.00	34.89 -1.02 0.00	39.69 -0.89 0.00	45.76 -1.08 0.00	47.95 -0.77 0.00	51.61 -0.86 0.00	50.17 -1.31 0.00	53.39 -0.94 0.00	55.71 -0.45 0.00	66.83 -1.00 0.00	48.50 -0.94 4.02	50.12 -0.66 4.29	36.02 -0.73 5.73
INDECK___OSWEGO 23783	45.67 -1.16 0.00	38.79 -0.96 0.00	33.31 -0.85 0.00	32.75 -0.87 0.00	31.57 -0.84 0.00	32.30 -0.83 0.00	31.12 -0.82 0.00	31.22 -0.89 0.00	30.64 -0.86 0.00	30.51 -0.83 0.00	33.64 -0.90 0.00	33.00 -0.94 0.00	34.81 -1.10 0.00	39.32 -1.26 0.00	45.39 -1.45 0.00	47.28 -1.44 0.00	50.92 -1.54 0.00	49.99 -1.49 0.00	52.97 -1.36 0.00	54.99 -1.18 0.00	66.36 -1.47 0.00	52.23 -1.24 0.00	53.70 -1.37 0.00	41.38 -1.10 0.00
INDECK___YERKES 23781	44.43 -1.32 1.07	37.19 -1.43 1.13	32.75 -1.40 0.01	31.92 -1.69 0.00	30.73 -1.67 0.00	31.30 -1.76 0.06	30.03 -1.91 0.00	29.83 -2.28 0.00	29.78 -1.72 0.00	30.01 -1.34 0.00	33.32 -1.23 0.00	32.83 -1.10 0.00	34.69 -1.22 0.00	39.37 -1.21 0.00	45.38 -1.46 0.00	47.75 -0.97 0.00	51.29 -1.17 0.00	49.82 -1.66 0.00	52.62 -1.71 0.00	54.91 -1.26 0.00	65.96 -1.87 0.00	49.42 -1.30 2.74	51.30 -0.84 2.92	37.65 -0.93 3.90
INDIAN POINT_GT_1 24139	48.35 1.52 0.00	40.92 1.17 0.00	35.16 1.00 0.00	34.68 1.06 0.00	33.45 1.05 0.00	34.09 0.96 0.00	32.87 0.93 0.00	33.04 0.93 0.00	32.38 0.89 0.00	32.38 1.04 0.00	35.80 1.25 0.00	35.33 1.40 0.00	37.62 1.71 0.00	42.73 2.15 0.00	49.41 2.57 0.00	51.33 2.61 0.00	55.22 2.75 0.00	53.83 2.35 0.00	57.32 2.99 0.00	59.26 3.10 0.00	71.27 3.44 0.00	55.74 2.28 0.00	57.18 2.12 0.00	44.22 1.74 0.00
INDIAN POINT_GT_2 23659	48.35 1.52 0.00	40.92 1.17 0.00	35.16 1.00 0.00	34.68 1.06 0.00	33.45 1.05 0.00	34.09 0.96 0.00	32.87 0.93 0.00	33.04 0.93 0.00	32.38 0.89 0.00	32.38 1.04 0.00	35.80 1.25 0.00	35.33 1.40 0.00	37.62 1.71 0.00	42.73 2.15 0.00	49.41 2.57 0.00	51.33 2.61 0.00	55.22 2.75 0.00	53.83 2.35 0.00	57.32 2.99 0.00	59.26 3.10 0.00	71.27 3.44 0.00	55.74 2.28 0.00	57.18 2.12 0.00	44.22 1.74 0.00
INDIAN POINT_GT_3 24019	48.35 1.52 0.00	40.92 1.17 0.00	35.16 1.00 0.00	34.68 1.06 0.00	33.45 1.05 0.00	34.09 0.96 0.00	32.87 0.93 0.00	33.04 0.93 0.00	32.38 0.89 0.00	32.38 1.04 0.00	35.80 1.25 0.00	35.33 1.40 0.00	37.62 1.71 0.00	42.73 2.15 0.00	49.41 2.57 0.00	51.33 2.61 0.00	55.22 2.75 0.00	53.83 2.35 0.00	57.32 2.99 0.00	59.26 3.10 0.00	71.27 3.44 0.00	55.74 2.28 0.00	57.18 2.12 0.00	44.22 1.74 0.00
INDIAN POINT___2 23530	48.30 1.48 0.00	40.87 1.12 0.00	35.14 0.98 0.00	34.65 1.03 0.00	33.42 1.01 0.00	34.06 0.93 0.00	32.84 0.90 0.00	33.01 0.90 0.00	32.35 0.86 0.00	32.35 1.01 0.00	35.79 1.25 0.00	35.33 1.40 0.00	37.61 1.70 0.00	42.71 2.13 0.00	49.40 2.55 0.00	51.30 2.58 0.00	55.20 2.73 0.00	53.81 2.34 0.00	57.30 2.97 0.00	59.24 3.08 0.00	71.25 3.42 0.00	55.71 2.25 0.00	57.16 2.10 0.00	44.18 1.70 0.00
INDIAN POINT___3 23531	48.30 1.48 0.00	40.89 1.14 0.00	35.15 0.98 0.00	34.66 1.04 0.00	33.43 1.03 0.00	34.06 0.93 0.00	32.85 0.92 0.00	33.02 0.91 0.00	32.36 0.88 0.00	32.35 1.01 0.00	35.79 1.24 0.00	35.31 1.38 0.00	37.60 1.69 0.00	42.70 2.12 0.00	49.38 2.53 0.00	51.29 2.57 0.00	55.17 2.70 0.00	53.78 2.30 0.00	57.27 2.94 0.00	59.21 3.04 0.00	71.20 3.37 0.00	55.68 2.23 0.00	57.15 2.08 0.00	44.18 1.69 0.00
INDIANHD_69_KV_BK1 55831	49.17 2.34 0.00	41.37 1.62 0.00	35.52 1.36 0.00	35.20 1.59 0.00	33.91 1.51 0.00	34.51 1.38 0.00	33.45 1.51 0.00	33.51 1.40 0.00	32.89 1.40 0.00	33.00 1.65 0.00	36.46 1.92 0.00	35.94 2.01 0.00	38.41 2.50 0.00	43.43 2.86 0.00	49.99 3.14 0.00	51.90 3.19 0.00	55.64 3.18 0.00	54.47 2.99 0.00	58.13 3.80 0.00	59.44 3.27 0.00	71.24 3.42 0.00	55.95 2.49 0.00	57.33 2.27 0.00	45.00 2.51 0.00
INGHAM_C_115KV_TB7 356103	47.40 0.57 0.00	40.22 0.47 0.00	34.58 0.42 0.00	34.16 0.54 0.00	32.95 0.55 0.00	33.68 0.55 0.00	32.39 0.45 0.00	32.39 0.28 0.00	31.26 -0.23 0.00	31.05 -0.29 0.00	34.00 -0.55 0.00	33.26 -0.67 0.00	35.08 -0.83 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	47.57 -1.15 0.00	51.52 -0.94 0.00	51.00 -0.48 0.00	55.07 0.74 0.00	57.71 1.54 0.00	69.52 1.69 0.00	54.61 1.15 0.00	56.04 0.97 0.00	43.23 0.74 0.00
IP CORINTH___1 23988	48.50 1.68 0.00	41.29 1.55 0.00	35.47 1.31 0.00	34.86 1.25 0.00	33.57 1.17 0.00	34.35 1.22 0.00	33.13 1.19 0.00	33.12 1.01 0.00	32.13 0.64 0.00	31.81 0.47 0.00	34.82 0.28 0.00	34.26 0.33 0.00	36.44 0.53 0.00	40.92 0.35 0.00	47.08 0.24 0.00	48.81 0.09 0.00	52.71 0.24 0.00	52.36 0.89 0.00	56.43 2.10 0.00	58.70 2.53 0.00	70.92 3.10 0.00	55.81 2.35 0.00	57.46 2.39 0.00	44.22 1.74 0.00

IP__TICONDEROGA 23804	51.22 4.40 0.00	43.67 3.92 0.00	37.44 3.28 0.00	36.70 3.08 0.00	35.28 2.88 0.00	36.09 2.96 0.00	34.86 2.92 0.00	34.47 2.36 0.00	32.77 1.29 0.00	32.43 1.10 0.00	35.60 1.06 0.00	35.11 1.18 0.00	37.49 1.58 0.00	42.17 1.59 0.00	49.11 2.26 0.00	50.79 2.08 0.00	54.45 1.98 0.00	54.91 3.43 0.00	59.52 5.19 0.00	62.25 6.08 0.00	75.43 7.60 0.00	59.10 5.64 0.00	60.93 5.86 0.00	47.01 4.52 0.00
ISLIP_RES_REC 323679	49.53 2.70 0.00	41.56 1.81 0.00	35.68 1.52 0.00	35.39 1.78 0.00	34.10 1.70 0.00	34.71 1.58 0.00	33.66 1.72 0.00	33.70 1.59 0.00	33.07 1.58 0.00	33.17 1.83 0.00	36.69 2.14 0.00	36.12 2.19 0.00	38.61 2.69 0.00	43.60 3.03 0.00	50.19 3.34 0.00	52.14 3.42 0.00	55.87 3.40 0.00	54.77 3.29 0.00	58.51 4.18 0.00	59.79 3.62 0.00	71.64 3.81 0.00	56.31 2.85 0.00	57.70 2.64 0.00	45.27 2.79 0.00
JAMAICA__27_KV_LOAD 355505	48.92 2.10 0.00	41.39 1.63 0.00	35.55 1.39 0.00	35.05 1.43 0.00	33.78 1.38 0.00	34.42 1.29 0.00	33.22 1.28 0.00	33.40 1.30 0.00	32.81 1.32 0.00	32.83 1.49 0.00	36.19 1.65 0.00	35.75 1.82 0.00	38.10 2.19 0.00	43.27 2.69 0.00	50.11 3.27 0.00	52.08 3.36 0.00	55.92 3.45 0.00	54.43 2.95 0.00	57.99 3.66 0.00	59.97 3.80 0.00	72.16 4.34 0.00	56.47 3.01 0.00	58.17 3.11 0.00	45.03 2.55 0.00
JANIS__SOLAR 323808	48.26 1.09 -0.34	40.85 0.74 -0.36	34.72 0.56 0.00	34.20 0.58 0.00	33.07 0.66 0.00	33.83 0.68 -0.02	32.58 0.64 0.00	32.74 0.63 0.00	32.12 0.63 0.00	31.83 0.49 0.00	34.87 0.33 0.00	33.98 0.04 0.00	35.88 -0.03 0.00	40.65 0.07 0.00	47.30 0.45 0.00	49.64 0.92 0.00	53.62 1.16 0.00	53.27 1.79 0.00	56.65 2.32 0.00	59.14 2.97 0.00	71.40 3.57 0.00	56.96 2.63 -0.87	58.43 2.44 -0.93	45.37 1.65 -1.24
JARVIS____ 23743	46.87 0.05 0.00	39.79 0.04 0.00	34.21 0.06 0.00	33.68 0.07 0.00	32.47 0.07 0.00	33.21 0.08 0.00	32.02 0.09 0.00	32.17 0.06 0.00	31.51 0.02 0.00	31.35 0.01 0.00	34.53 -0.01 0.00	33.90 -0.03 0.00	35.88 -0.04 0.00	40.56 -0.02 0.00	46.83 -0.02 0.00	48.69 -0.03 0.00	52.42 -0.05 0.00	51.48 0.00 0.00	54.47 0.14 0.00	56.41 0.24 0.00	68.06 0.23 0.00	53.60 0.14 0.00	55.17 0.11 0.00	42.57 0.09 0.00
JENNISON__1 23625	47.68 0.85 0.00	40.36 0.61 0.00	34.62 0.46 0.00	34.18 0.56 0.00	33.10 0.70 0.00	33.80 0.67 0.00	32.56 0.62 0.00	32.82 0.71 0.00	32.30 0.81 0.00	32.18 0.83 0.00	35.34 0.80 0.00	34.51 0.58 0.00	36.49 0.58 0.00	41.34 0.76 0.00	48.03 1.18 0.00	50.34 1.62 0.00	54.37 1.90 0.00	53.62 2.14 0.00	57.08 2.75 0.00	59.26 3.09 0.00	71.33 3.50 0.00	56.01 2.55 0.00	57.45 2.39 0.00	44.14 1.65 0.00
JENNISON__2 23626	47.68 0.85 0.00	40.36 0.61 0.00	34.62 0.46 0.00	34.18 0.56 0.00	33.10 0.70 0.00	33.80 0.67 0.00	32.56 0.62 0.00	32.82 0.71 0.00	32.30 0.81 0.00	32.18 0.83 0.00	35.34 0.80 0.00	34.51 0.58 0.00	36.49 0.58 0.00	41.34 0.76 0.00	48.03 1.18 0.00	50.34 1.62 0.00	54.37 1.90 0.00	53.62 2.14 0.00	57.08 2.75 0.00	59.26 3.09 0.00	71.33 3.50 0.00	56.01 2.55 0.00	57.45 2.39 0.00	44.14 1.65 0.00
JERICHO_RISE_WT_PWR 323719	47.24 0.42 0.00	40.08 0.32 0.00	34.41 0.25 0.00	33.77 0.15 0.00	32.49 0.09 0.00	33.18 0.06 0.00	32.03 0.09 0.00	32.36 0.25 0.00	31.82 0.33 0.00	31.64 0.30 0.00	34.94 0.40 0.00	34.35 0.42 0.00	36.37 0.46 0.00	41.03 0.46 0.00	47.38 0.53 0.00	49.24 0.53 0.00	53.08 0.61 0.00	52.23 0.75 0.00	54.71 0.38 0.00	56.35 0.18 0.00	68.02 0.19 0.00	53.57 0.10 0.00	55.20 0.14 0.00	42.66 0.17 0.00
KATONAH__115KV_46KV_TB4 355592	48.51 1.69 0.00	41.07 1.32 0.00	35.29 1.13 0.00	34.80 1.19 0.00	33.58 1.17 0.00	34.22 1.09 0.00	32.99 1.05 0.00	33.16 1.05 0.00	32.51 1.02 0.00	32.51 1.17 0.00	35.94 1.39 0.00	35.47 1.54 0.00	37.78 1.87 0.00	42.92 2.34 0.00	49.64 2.79 0.00	51.58 2.86 0.00	55.48 3.01 0.00	54.12 2.65 0.00	57.59 3.25 0.00	59.52 3.35 0.00	71.54 3.71 0.00	55.99 2.53 0.00	57.41 2.34 0.00	44.37 1.89 0.00
KCE_NY_1 323755	48.54 1.72 0.00	41.34 1.59 0.00	35.49 1.33 0.00	34.93 1.31 0.00	33.66 1.26 0.00	34.43 1.30 0.00	33.18 1.24 0.00	33.22 1.11 0.00	32.35 0.86 0.00	32.08 0.74 0.00	35.26 0.72 0.00	34.64 0.71 0.00	36.77 0.86 0.00	41.43 0.85 0.00	47.70 0.85 0.00	49.51 0.79 0.00	53.43 0.97 0.00	52.86 1.38 0.00	56.39 2.06 0.00	58.60 2.44 0.00	70.57 2.74 0.00	55.60 2.14 0.00	57.26 2.20 0.00	44.10 1.61 0.00
KCE_NY_6_ESR 323823	44.67 -0.96 1.20	37.31 -1.18 1.27	32.95 -1.20 0.01	32.17 -1.45 0.00	30.99 -1.41 0.00	31.55 -1.50 0.07	30.29 -1.65 0.00	30.09 -2.01 0.00	29.96 -1.53 0.00	30.22 -1.12 0.00	33.57 -0.98 0.00	33.03 -0.90 0.00	34.88 -1.03 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.63 0.00	51.68 -0.79 0.00	50.24 -1.24 0.00	53.17 -1.16 0.00	55.48 -0.69 0.00	66.64 -1.19 0.00	49.46 -0.95 3.05	51.21 -0.60 3.26	37.41 -0.72 4.36
KEDC_PORT_JEFF_GT2 24210	49.23 2.40 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.23 1.61 0.00	33.94 1.54 0.00	34.55 1.41 0.00	33.50 1.56 0.00	33.54 1.44 0.00	32.92 1.43 0.00	33.03 1.68 0.00	36.50 1.95 0.00	35.94 2.01 0.00	38.40 2.49 0.00	43.35 2.77 0.00	49.87 3.03 0.00	51.76 3.04 0.00	55.42 2.96 0.00	54.22 2.74 0.00	57.88 3.55 0.00	59.15 2.98 0.00	70.93 3.10 0.00	55.79 2.33 0.00	57.26 2.19 0.00	44.98 2.49 0.00
KEDC_PORT_JEFF_GT3 24211	49.23 2.40 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.23 1.61 0.00	33.94 1.54 0.00	34.55 1.41 0.00	33.50 1.56 0.00	33.54 1.44 0.00	32.92 1.43 0.00	33.03 1.68 0.00	36.50 1.95 0.00	35.94 2.01 0.00	38.40 2.49 0.00	43.35 2.77 0.00	49.87 3.03 0.00	51.76 3.04 0.00	55.42 2.96 0.00	54.22 2.74 0.00	57.88 3.55 0.00	59.15 2.98 0.00	70.93 3.10 0.00	55.79 2.33 0.00	57.26 2.19 0.00	44.98 2.49 0.00
KEDC_GLWD_GT4 24219	48.92 2.09 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.05 1.44 0.00	33.80 1.39 0.00	34.42 1.29 0.00	33.23 1.29 0.00	33.39 1.27 0.00	32.76 1.27 0.00	32.82 1.47 0.00	36.34 1.79 0.00	35.86 1.93 0.00	38.25 2.34 0.00	43.40 2.82 0.00	50.12 3.27 0.00	52.05 3.33 0.00	55.92 3.45 0.00	54.24 2.76 0.00	57.74 3.41 0.00	59.42 3.25 0.00	71.48 3.65 0.00	56.32 2.85 0.00	57.69 2.63 0.00	44.82 2.34 0.00
KEDC_GLWD_GT5 24220	48.92 2.09 0.00	41.35 1.60 0.00	35.51 1.35 0.00	35.05 1.44 0.00	33.80 1.39 0.00	34.42 1.29 0.00	33.23 1.29 0.00	33.39 1.27 0.00	32.76 1.27 0.00	32.82 1.47 0.00	36.34 1.79 0.00	35.86 1.93 0.00	38.25 2.34 0.00	43.40 2.82 0.00	50.12 3.27 0.00	52.05 3.33 0.00	55.92 3.45 0.00	54.24 2.76 0.00	57.74 3.41 0.00	59.42 3.25 0.00	71.48 3.65 0.00	56.32 2.85 0.00	57.69 2.63 0.00	44.82 2.34 0.00

KENSICO____ 23655	48.48 1.65 0.00	41.03 1.27 0.00	35.25 1.09 0.00	34.77 1.15 0.00	33.54 1.13 0.00	34.18 1.05 0.00	32.96 1.02 0.00	33.13 1.02 0.00	32.48 0.99 0.00	32.48 1.14 0.00	35.91 1.37 0.00	35.44 1.51 0.00	37.75 1.84 0.00	42.87 2.29 0.00	49.57 2.72 0.00	51.49 2.77 0.00	55.36 2.89 0.00	53.95 2.47 0.00	57.43 3.10 0.00	59.37 3.20 0.00	71.40 3.57 0.00	55.87 2.41 0.00	57.32 2.25 0.00	44.35 1.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.71 1.88 0.00	41.18 1.43 0.00	35.35 1.19 0.00	34.81 1.20 0.00	33.57 1.17 0.00	34.22 1.09 0.00	32.99 1.05 0.00	33.16 1.05 0.00	32.50 1.00 0.00	32.39 1.05 0.00	35.75 1.20 0.00	35.23 1.30 0.00	37.48 1.57 0.00	42.64 2.06 0.00	49.43 2.58 0.00	51.63 2.91 0.00	55.76 3.29 0.00	54.49 3.01 0.00	58.10 3.77 0.00	60.09 3.92 0.00	72.22 4.39 0.00	56.44 2.98 0.00	57.80 2.73 0.00	44.54 2.06 0.00
KIAC_JFK_GT1 23816	48.61 1.79 0.00	41.14 1.39 0.00	35.35 1.19 0.00	34.84 1.23 0.00	33.59 1.19 0.00	34.23 1.10 0.00	33.04 1.10 0.00	33.22 1.11 0.00	32.62 1.13 0.00	32.64 1.30 0.00	35.98 1.44 0.00	35.54 1.61 0.00	37.88 1.97 0.00	43.02 2.44 0.00	49.82 2.97 0.00	51.70 2.98 0.00	55.40 2.93 0.00	53.92 2.44 0.00	57.43 3.10 0.00	59.38 3.21 0.00	71.45 3.62 0.00	55.91 2.45 0.00	57.75 2.68 0.00	44.73 2.25 0.00
KIAC_JFK_GT2 23817	48.61 1.79 0.00	41.14 1.39 0.00	35.35 1.19 0.00	34.84 1.23 0.00	33.59 1.19 0.00	34.23 1.10 0.00	33.04 1.10 0.00	33.22 1.11 0.00	32.62 1.13 0.00	32.64 1.30 0.00	35.98 1.44 0.00	35.54 1.61 0.00	37.88 1.97 0.00	43.02 2.44 0.00	49.82 2.97 0.00	51.70 2.98 0.00	55.40 2.93 0.00	53.92 2.44 0.00	57.43 3.10 0.00	59.38 3.21 0.00	71.45 3.62 0.00	55.91 2.45 0.00	57.75 2.68 0.00	44.73 2.25 0.00
KIAC_JFK____ 323774	48.61 1.79 0.00	41.13 1.38 0.00	35.35 1.19 0.00	34.84 1.23 0.00	33.59 1.19 0.00	34.22 1.09 0.00	33.04 1.10 0.00	33.22 1.11 0.00	32.62 1.13 0.00	32.64 1.30 0.00	35.99 1.44 0.00	35.55 1.62 0.00	37.88 1.97 0.00	43.02 2.44 0.00	49.82 2.97 0.00	51.71 2.99 0.00	55.41 2.94 0.00	53.92 2.44 0.00	57.43 3.10 0.00	59.38 3.21 0.00	71.44 3.62 0.00	55.91 2.45 0.00	57.75 2.69 0.00	44.73 2.25 0.00
KINTIGH_24_KV_GSU 356498	44.42 -1.55 0.86	37.27 -1.57 0.91	32.69 -1.47 0.01	31.95 -1.67 0.00	30.77 -1.63 0.00	31.36 -1.72 0.05	30.13 -1.81 0.00	29.98 -2.13 0.00	29.84 -1.65 0.00	30.02 -1.32 0.00	33.30 -1.25 0.00	32.73 -1.20 0.00	34.56 -1.35 0.00	39.20 -1.38 0.00	45.19 -1.65 0.00	47.43 -1.29 0.00	51.00 -1.47 0.00	49.65 -1.83 0.00	52.51 -1.82 0.00	54.69 -1.48 0.00	65.73 -2.10 0.00	49.64 -1.63 2.19	51.39 -1.34 2.33	38.12 -1.24 3.13
KINTIGH____ 23543	45.25 -1.57 0.00	38.16 -1.59 0.00	32.68 -1.48 0.00	31.93 -1.68 0.00	30.75 -1.65 0.00	31.39 -1.74 0.00	30.11 -1.83 0.00	29.98 -2.13 0.00	29.82 -1.67 0.00	30.01 -1.34 0.00	33.28 -1.26 0.00	32.73 -1.20 0.00	34.54 -1.37 0.00	39.17 -1.40 0.00	45.17 -1.68 0.00	47.42 -1.30 0.00	50.98 -1.49 0.00	49.63 -1.85 0.00	52.48 -1.85 0.00	54.64 -1.53 0.00	65.70 -2.13 0.00	51.80 -1.67 0.00	53.69 -1.37 0.00	41.20 -1.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.88 1.06 0.00	40.62 0.87 0.00	34.88 0.72 0.00	34.23 0.61 0.00	32.94 0.54 0.00	33.64 0.51 0.00	32.45 0.51 0.00	32.72 0.62 0.00	32.08 0.58 0.00	31.89 0.55 0.00	35.22 0.67 0.00	34.62 0.69 0.00	36.78 0.87 0.00	41.45 0.88 0.00	47.93 1.09 0.00	49.87 1.15 0.00	53.64 1.18 0.00	52.91 1.43 0.00	55.55 1.21 0.00	57.41 1.24 0.00	69.34 1.51 0.00	54.39 0.93 0.00	56.07 1.00 0.00	43.30 0.82 0.00
LACHUTE____HYDRO 323717	51.22 4.40 0.00	43.67 3.92 0.00	37.44 3.28 0.00	36.70 3.08 0.00	35.28 2.88 0.00	36.08 2.96 0.00	34.86 2.92 0.00	34.47 2.36 0.00	32.77 1.29 0.00	32.44 1.10 0.00	35.60 1.06 0.00	35.11 1.18 0.00	37.49 1.58 0.00	42.17 1.59 0.00	49.11 2.26 0.00	50.79 2.08 0.00	54.45 1.98 0.00	54.91 3.43 0.00	59.52 5.19 0.00	62.25 6.08 0.00	75.43 7.60 0.00	59.09 5.63 0.00	60.93 5.87 0.00	47.01 4.53 0.00
LAWRNCV_115KV_TB1 80681	47.49 0.66 0.00	40.23 0.48 0.00	34.52 0.36 0.00	33.88 0.27 0.00	32.65 0.25 0.00	33.40 0.27 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.94 0.45 0.00	31.67 0.33 0.00	34.95 0.40 0.00	34.35 0.42 0.00	36.33 0.42 0.00	41.01 0.43 0.00	47.39 0.54 0.00	49.28 0.56 0.00	53.14 0.67 0.00	52.34 0.86 0.00	54.81 0.48 0.00	56.80 0.63 0.00	68.81 0.98 0.00	54.19 0.73 0.00	55.90 0.84 0.00	43.09 0.60 0.00
LEDERLE____ 23769	48.63 1.80 0.00	41.12 1.37 0.00	35.35 1.19 0.00	34.85 1.23 0.00	33.60 1.19 0.00	34.24 1.11 0.00	33.02 1.08 0.00	33.19 1.08 0.00	32.54 1.05 0.00	32.56 1.22 0.00	36.05 1.50 0.00	35.60 1.67 0.00	37.90 1.99 0.00	43.08 2.51 0.00	49.85 3.01 0.00	51.81 3.10 0.00	55.78 3.32 0.00	54.39 2.91 0.00	57.95 3.62 0.00	59.90 3.73 0.00	71.99 4.16 0.00	56.24 2.78 0.00	57.67 2.60 0.00	44.52 2.03 0.00
LIGHTHSE_115KV_TB6 355974	46.60 -0.23 0.00	39.53 -0.22 0.00	33.88 -0.28 0.00	33.31 -0.31 0.00	32.11 -0.29 0.00	32.95 -0.18 0.00	31.74 -0.20 0.00	31.80 -0.31 0.00	31.19 -0.30 0.00	31.03 -0.31 0.00	34.22 -0.32 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.49 0.00	46.26 -0.59 0.00	48.10 -0.62 0.00	51.70 -0.77 0.00	50.91 -0.57 0.00	54.14 -0.19 0.00	56.65 0.48 0.00	68.57 0.74 0.00	54.04 0.58 0.00	55.47 0.41 0.00	42.59 0.11 0.00
LINDEN COGEN____ 23786	48.62 1.79 0.00	41.14 1.38 0.00	35.34 1.19 0.00	34.84 1.23 0.00	33.61 1.21 0.00	34.24 1.11 0.00	33.03 1.09 0.00	33.21 1.10 0.00	32.58 1.09 0.00	32.60 1.26 0.00	36.05 1.50 0.00	35.60 1.67 0.00	37.93 2.02 0.00	43.11 2.53 0.00	49.88 3.04 0.00	51.81 3.10 0.00	55.72 3.25 0.00	54.22 2.74 0.00	57.75 3.42 0.00	59.70 3.53 0.00	71.81 3.98 0.00	56.13 2.67 0.00	57.57 2.50 0.00	44.55 2.07 0.00
LINDHRST_69_KV_BK1 356055	49.46 2.63 0.00	41.67 1.92 0.00	35.78 1.62 0.00	35.39 1.77 0.00	34.09 1.69 0.00	34.69 1.57 0.00	33.57 1.63 0.00	33.68 1.58 0.00	33.04 1.54 0.00	33.15 1.81 0.00	36.64 2.09 0.00	36.13 2.20 0.00	38.60 2.69 0.00	43.69 3.11 0.00	50.33 3.49 0.00	52.28 3.56 0.00	56.13 3.66 0.00	54.86 3.38 0.00	58.50 4.17 0.00	60.01 3.84 0.00	72.00 4.18 0.00	56.52 3.05 0.00	57.90 2.83 0.00	45.32 2.84 0.00
LIPA_MISC_IPP 23656	49.18 2.35 0.00	41.19 1.44 0.00	35.39 1.22 0.00	35.17 1.55 0.00	33.88 1.48 0.00	34.49 1.36 0.00	33.49 1.55 0.00	33.51 1.40 0.00	32.88 1.39 0.00	32.98 1.64 0.00	36.42 1.88 0.00	35.81 1.88 0.00	38.25 2.33 0.00	43.09 2.52 0.00	49.60 2.75 0.00	51.52 2.80 0.00	55.12 2.65 0.00	54.11 2.63 0.00	57.88 3.55 0.00	59.12 2.95 0.00	70.85 3.02 0.00	55.79 2.33 0.00	57.14 2.08 0.00	44.89 2.40 0.00

LISF___SOLAR 323691	49.27 2.45 0.00	41.25 1.50 0.00	35.44 1.28 0.00	35.22 1.60 0.00	33.94 1.54 0.00	34.55 1.42 0.00	33.55 1.61 0.00	33.56 1.45 0.00	32.92 1.43 0.00	33.01 1.67 0.00	36.47 1.92 0.00	35.83 1.90 0.00	38.27 2.35 0.00	43.12 2.55 0.00	49.64 2.79 0.00	51.57 2.85 0.00	55.19 2.72 0.00	54.21 2.73 0.00	58.01 3.68 0.00	59.25 3.08 0.00	71.01 3.18 0.00	55.93 2.46 0.00	57.27 2.21 0.00	44.97 2.49 0.00
LITTLE FALLS___HYD 24013	47.40 0.57 0.00	40.22 0.47 0.00	34.58 0.42 0.00	34.16 0.54 0.00	32.95 0.55 0.00	33.68 0.55 0.00	32.39 0.45 0.00	32.39 0.28 0.00	31.26 -0.23 0.00	31.05 -0.29 0.00	34.00 -0.55 0.00	33.26 -0.67 0.00	35.08 -0.83 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	47.57 -1.15 0.00	51.52 -0.94 0.00	51.00 -0.48 0.00	55.07 0.74 0.00	57.71 1.54 0.00	69.52 1.69 0.00	54.61 1.15 0.00	56.04 0.97 0.00	43.23 0.74 0.00
LITTLRIV_115KV_TB1 356100	48.12 1.30 0.00	40.75 1.00 0.00	34.95 0.78 0.00	34.28 0.66 0.00	33.03 0.63 0.00	33.79 0.66 0.00	32.60 0.66 0.00	32.92 0.81 0.00	32.19 0.70 0.00	31.78 0.44 0.00	35.03 0.49 0.00	34.44 0.51 0.00	36.42 0.51 0.00	41.10 0.52 0.00	47.67 0.82 0.00	49.62 0.90 0.00	53.55 1.08 0.00	52.88 1.40 0.00	55.21 0.88 0.00	57.75 1.58 0.00	69.81 1.98 0.00	54.97 1.51 0.00	56.70 1.63 0.00	43.67 1.18 0.00
LI_NEWBRDGE___DRP 323616	48.62 1.79 0.00	41.06 1.31 0.00	35.27 1.11 0.00	34.88 1.27 0.00	33.62 1.22 0.00	34.22 1.09 0.00	33.08 1.14 0.00	33.21 1.10 0.00	32.56 1.08 0.00	32.65 1.31 0.00	36.10 1.55 0.00	35.61 1.68 0.00	37.99 2.08 0.00	43.02 2.45 0.00	49.55 2.70 0.00	51.42 2.71 0.00	55.21 2.75 0.00	53.90 2.43 0.00	57.45 3.12 0.00	59.00 2.83 0.00	70.92 3.09 0.00	55.64 2.17 0.00	57.04 1.98 0.00	44.55 2.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.04 -1.79 0.00	37.95 -1.80 0.00	32.54 -1.62 0.00	31.71 -1.91 0.00	30.52 -1.89 0.00	31.16 -1.97 0.00	29.83 -2.11 0.00	29.58 -2.53 0.00	29.48 -2.01 0.00	29.67 -1.67 0.00	32.93 -1.62 0.00	32.44 -1.49 0.00	34.25 -1.66 0.00	38.86 -1.72 0.00	44.80 -2.05 0.00	47.13 -1.59 0.00	50.69 -1.78 0.00	49.13 -2.35 0.00	51.89 -2.44 0.00	54.16 -2.01 0.00	65.19 -2.64 0.00	51.48 -1.99 0.00	53.47 -1.59 0.00	40.97 -1.51 0.00
LOCKPORT___CC1 323769	44.09 -1.78 0.96	36.95 -1.79 1.01	32.52 -1.63 0.01	31.70 -1.91 0.00	30.51 -1.89 0.00	31.09 -1.98 0.06	29.83 -2.11 0.00	29.59 -2.52 0.00	29.49 -2.00 0.00	29.69 -1.65 0.00	32.94 -1.60 0.00	32.43 -1.50 0.00	34.26 -1.65 0.00	38.87 -1.70 0.00	44.81 -2.04 0.00	47.13 -1.58 0.00	50.68 -1.79 0.00	49.13 -2.35 0.00	51.91 -2.42 0.00	54.19 -1.98 0.00	65.19 -2.64 0.00	49.03 -1.98 2.45	50.89 -1.56 2.61	37.51 -1.48 3.50
LOCKPORT___CC2 323770	44.09 -1.78 0.96	36.95 -1.79 1.01	32.52 -1.63 0.01	31.70 -1.91 0.00	30.51 -1.89 0.00	31.09 -1.98 0.06	29.83 -2.11 0.00	29.59 -2.52 0.00	29.49 -2.00 0.00	29.69 -1.65 0.00	32.94 -1.60 0.00	32.43 -1.50 0.00	34.26 -1.65 0.00	38.87 -1.70 0.00	44.81 -2.04 0.00	47.13 -1.58 0.00	50.68 -1.79 0.00	49.13 -2.35 0.00	51.91 -2.42 0.00	54.19 -1.98 0.00	65.19 -2.64 0.00	49.03 -1.98 2.45	50.89 -1.56 2.61	37.51 -1.48 3.50
LOCKPORT___CC3 323771	44.09 -1.78 0.96	36.95 -1.79 1.01	32.52 -1.63 0.01	31.70 -1.91 0.00	30.51 -1.89 0.00	31.09 -1.98 0.06	29.83 -2.11 0.00	29.59 -2.52 0.00	29.49 -2.00 0.00	29.69 -1.65 0.00	32.94 -1.60 0.00	32.43 -1.50 0.00	34.26 -1.65 0.00	38.87 -1.70 0.00	44.81 -2.04 0.00	47.13 -1.58 0.00	50.68 -1.79 0.00	49.13 -2.35 0.00	51.91 -2.42 0.00	54.19 -1.98 0.00	65.19 -2.64 0.00	49.03 -1.98 2.45	50.89 -1.56 2.61	37.51 -1.48 3.50
LOCUSVLY_69_KV_BK2 55797	49.03 2.20 0.00	41.41 1.66 0.00	35.56 1.40 0.00	35.13 1.51 0.00	33.88 1.48 0.00	34.50 1.37 0.00	33.33 1.39 0.00	33.46 1.36 0.00	32.85 1.36 0.00	32.93 1.59 0.00	36.45 1.91 0.00	35.97 2.04 0.00	38.41 2.50 0.00	43.54 2.96 0.00	50.24 3.40 0.00	52.21 3.49 0.00	56.09 3.62 0.00	54.65 3.17 0.00	58.13 3.80 0.00	59.72 3.55 0.00	71.79 3.96 0.00	56.38 2.92 0.00	57.73 2.66 0.00	44.99 2.51 0.00
LONG_LAKE_PHOENIX 24014	45.86 -0.97 0.00	38.94 -0.81 0.00	33.42 -0.74 0.00	32.85 -0.76 0.00	31.66 -0.74 0.00	32.39 -0.74 0.00	31.20 -0.75 0.00	31.29 -0.82 0.00	30.70 -0.79 0.00	30.60 -0.74 0.00	33.75 -0.80 0.00	33.08 -0.85 0.00	34.90 -1.02 0.00	39.47 -1.11 0.00	45.57 -1.28 0.00	47.53 -1.19 0.00	51.26 -1.21 0.00	50.26 -1.22 0.00	53.26 -1.07 0.00	55.29 -0.88 0.00	66.69 -1.14 0.00	52.44 -1.02 0.00	53.92 -1.14 0.00	41.55 -0.94 0.00
LOVETT___3 23632	48.26 1.44 0.00	40.84 1.09 0.00	35.11 0.95 0.00	34.62 1.00 0.00	33.40 0.99 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.98 0.87 0.00	32.32 0.84 0.00	32.33 0.99 0.00	35.76 1.22 0.00	35.30 1.37 0.00	37.58 1.67 0.00	42.68 2.10 0.00	49.36 2.51 0.00	51.27 2.55 0.00	55.15 2.68 0.00	53.77 2.29 0.00	57.27 2.94 0.00	59.21 3.04 0.00	71.19 3.36 0.00	55.67 2.21 0.00	57.11 2.05 0.00	44.14 1.66 0.00
LOVETT___4 23642	48.26 1.44 0.00	40.84 1.09 0.00	35.11 0.95 0.00	34.62 1.00 0.00	33.40 0.99 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.98 0.87 0.00	32.32 0.84 0.00	32.33 0.99 0.00	35.76 1.22 0.00	35.30 1.37 0.00	37.58 1.67 0.00	42.68 2.10 0.00	49.36 2.51 0.00	51.27 2.55 0.00	55.15 2.68 0.00	53.77 2.29 0.00	57.27 2.94 0.00	59.21 3.04 0.00	71.19 3.36 0.00	55.67 2.21 0.00	57.11 2.05 0.00	44.14 1.66 0.00
LOVETT___5 23593	48.26 1.44 0.00	40.84 1.09 0.00	35.11 0.95 0.00	34.62 1.00 0.00	33.40 0.99 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.98 0.87 0.00	32.32 0.84 0.00	32.33 0.99 0.00	35.76 1.22 0.00	35.30 1.37 0.00	37.58 1.67 0.00	42.68 2.10 0.00	49.36 2.51 0.00	51.27 2.55 0.00	55.15 2.68 0.00	53.77 2.29 0.00	57.27 2.94 0.00	59.21 3.04 0.00	71.19 3.36 0.00	55.67 2.21 0.00	57.11 2.05 0.00	44.14 1.66 0.00
LOWER RAQUET___HYD 24057	47.49 0.67 0.00	40.23 0.48 0.00	34.51 0.36 0.00	33.88 0.26 0.00	32.64 0.23 0.00	33.39 0.27 0.00	32.22 0.29 0.00	32.55 0.44 0.00	31.92 0.43 0.00	31.64 0.30 0.00	34.92 0.37 0.00	34.31 0.38 0.00	36.29 0.38 0.00	40.98 0.40 0.00	47.36 0.51 0.00	49.24 0.52 0.00	53.10 0.64 0.00	52.34 0.86 0.00	54.81 0.48 0.00	56.87 0.70 0.00	68.89 1.06 0.00	54.25 0.79 0.00	55.94 0.88 0.00	43.12 0.63 0.00
LOWER___HUDSON 24059	47.78 0.96 0.00	40.68 0.93 0.00	35.04 0.88 0.00	34.54 0.93 0.00	33.27 0.87 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.89 0.78 0.00	32.08 0.59 0.00	31.82 0.48 0.00	34.95 0.40 0.00	34.26 0.32 0.00	36.30 0.39 0.00	41.00 0.43 0.00	47.18 0.33 0.00	48.90 0.18 0.00	52.66 0.19 0.00	51.90 0.42 0.00	55.06 0.73 0.00	57.19 1.02 0.00	68.80 0.97 0.00	54.35 0.89 0.00	56.09 1.03 0.00	43.25 0.77 0.00

LOWVILLE_115KV_TB2 356335	47.61 0.79 0.00	40.37 0.61 0.00	34.56 0.40 0.00	34.03 0.41 0.00	32.81 0.41 0.00	33.91 0.78 0.00	32.69 0.75 0.00	32.75 0.65 0.00	32.06 0.57 0.00	31.78 0.43 0.00	35.07 0.53 0.00	34.31 0.38 0.00	36.26 0.35 0.00	41.21 0.63 0.00	47.54 0.70 0.00	49.41 0.69 0.00	53.16 0.70 0.00	52.47 0.99 0.00	55.90 1.58 0.00	58.80 2.63 0.00	71.47 3.64 0.00	56.27 2.81 0.00	57.77 2.71 0.00	44.28 1.79 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.51 1.69 0.00	41.28 1.53 0.00	35.47 1.31 0.00	34.91 1.29 0.00	33.64 1.23 0.00	34.41 1.28 0.00	33.16 1.22 0.00	33.20 1.09 0.00	32.34 0.85 0.00	32.06 0.72 0.00	35.23 0.68 0.00	34.60 0.67 0.00	36.73 0.82 0.00	41.38 0.80 0.00	47.64 0.80 0.00	49.45 0.73 0.00	53.35 0.89 0.00	52.75 1.27 0.00	56.30 1.97 0.00	58.53 2.36 0.00	70.48 2.65 0.00	55.54 2.08 0.00	57.21 2.14 0.00	44.07 1.58 0.00
LUTHERNY_35_KV_BK2 355980	48.55 1.72 0.00	41.34 1.59 0.00	35.49 1.33 0.00	34.93 1.31 0.00	33.66 1.26 0.00	34.43 1.30 0.00	33.18 1.24 0.00	33.22 1.11 0.00	32.35 0.86 0.00	32.08 0.74 0.00	35.26 0.72 0.00	34.64 0.71 0.00	36.77 0.85 0.00	41.43 0.85 0.00	47.70 0.86 0.00	49.51 0.79 0.00	53.43 0.96 0.00	52.86 1.38 0.00	56.39 2.06 0.00	58.61 2.44 0.00	70.58 2.75 0.00	55.60 2.14 0.00	57.26 2.20 0.00	44.10 1.61 0.00
LWR__OSWEGATCHIE_HYD 23850	47.57 0.75 0.00	40.30 0.54 0.00	34.52 0.36 0.00	33.93 0.31 0.00	32.71 0.31 0.00	33.63 0.50 0.00	32.42 0.48 0.00	32.60 0.49 0.00	31.94 0.45 0.00	31.66 0.33 0.00	34.94 0.39 0.00	34.27 0.34 0.00	36.23 0.32 0.00	41.02 0.44 0.00	47.34 0.50 0.00	49.18 0.46 0.00	53.01 0.55 0.00	52.34 0.86 0.00	55.31 0.98 0.00	57.88 1.71 0.00	70.26 2.43 0.00	55.32 1.86 0.00	56.91 1.84 0.00	43.69 1.21 0.00
LYONS_FALL_HYD 23570	47.69 0.87 0.00	40.43 0.67 0.00	34.66 0.50 0.00	34.11 0.50 0.00	32.89 0.49 0.00	33.86 0.73 0.00	32.63 0.69 0.00	32.73 0.62 0.00	32.05 0.56 0.00	31.83 0.48 0.00	35.09 0.54 0.00	34.33 0.40 0.00	36.30 0.39 0.00	41.20 0.63 0.00	47.61 0.76 0.00	49.51 0.79 0.00	53.31 0.85 0.00	52.59 1.11 0.00	56.00 1.67 0.00	58.60 2.43 0.00	70.97 3.14 0.00	55.87 2.41 0.00	57.37 2.30 0.00	44.02 1.53 0.00
MADISON__COUNTY_LFGE 323628	47.79 0.97 0.00	40.49 0.74 0.00	34.76 0.60 0.00	34.19 0.57 0.00	32.95 0.55 0.00	33.75 0.62 0.00	32.54 0.60 0.00	32.65 0.54 0.00	31.93 0.44 0.00	31.77 0.43 0.00	34.98 0.44 0.00	34.22 0.29 0.00	36.17 0.26 0.00	41.04 0.46 0.00	47.62 0.77 0.00	49.63 0.91 0.00	53.52 1.05 0.00	52.71 1.23 0.00	56.25 1.92 0.00	58.44 2.27 0.00	70.44 2.61 0.00	55.35 1.89 0.00	56.84 1.77 0.00	43.69 1.21 0.00
MALONE__115KV_TB1 356076	47.82 0.99 0.00	40.50 0.75 0.00	34.75 0.59 0.00	34.08 0.46 0.00	32.81 0.41 0.00	33.52 0.39 0.00	32.34 0.40 0.00	32.68 0.58 0.00	32.14 0.65 0.00	31.99 0.65 0.00	35.33 0.79 0.00	34.68 0.75 0.00	36.68 0.76 0.00	41.42 0.85 0.00	47.84 1.00 0.00	49.80 1.08 0.00	53.72 1.26 0.00	52.96 1.48 0.00	55.47 1.15 0.00	57.23 1.06 0.00	69.22 1.40 0.00	54.39 0.93 0.00	56.02 0.96 0.00	43.23 0.75 0.00
MAPLEWOD_115KV_TB3 80458	47.49 0.67 0.00	40.41 0.66 0.00	34.84 0.68 0.00	34.43 0.81 0.00	33.17 0.77 0.00	33.91 0.78 0.00	32.69 0.75 0.00	32.77 0.66 0.00	32.04 0.55 0.00	31.81 0.47 0.00	34.89 0.34 0.00	34.21 0.29 0.00	36.31 0.40 0.00	40.99 0.41 0.00	47.15 0.30 0.00	48.96 0.24 0.00	52.76 0.29 0.00	51.97 0.49 0.00	55.13 0.79 0.00	57.18 1.01 0.00	68.72 0.89 0.00	54.20 0.73 0.00	55.83 0.77 0.00	43.09 0.61 0.00
MAPLE_RIDGE_WT_1 323574	46.24 -0.59 0.00	39.23 -0.52 0.00	33.72 -0.44 0.00	33.26 -0.36 0.00	32.05 -0.35 0.00	32.88 -0.25 0.00	31.81 -0.14 0.00	32.00 -0.10 0.00	31.45 -0.03 0.00	31.33 -0.01 0.00	34.55 0.01 0.00	33.95 0.02 0.00	35.92 0.00 0.00	40.58 0.00 0.00	46.85 0.00 0.00	48.72 0.00 0.00	52.40 -0.06 0.00	51.39 -0.09 0.00	54.21 -0.12 0.00	56.08 -0.09 0.00	67.76 -0.07 0.00	53.41 -0.05 0.00	54.99 -0.07 0.00	42.42 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	46.24 -0.59 0.00	39.23 -0.52 0.00	33.72 -0.44 0.00	33.26 -0.36 0.00	32.05 -0.35 0.00	32.88 -0.25 0.00	31.81 -0.14 0.00	32.00 -0.10 0.00	31.45 -0.03 0.00	31.33 -0.01 0.00	34.55 0.01 0.00	33.95 0.02 0.00	35.92 0.00 0.00	40.58 0.00 0.00	46.85 0.00 0.00	48.72 0.00 0.00	52.40 -0.06 0.00	51.39 -0.09 0.00	54.21 -0.12 0.00	56.08 -0.09 0.00	67.76 -0.07 0.00	53.41 -0.05 0.00	54.99 -0.07 0.00	42.42 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	47.25 0.42 0.00	40.09 0.34 0.00	34.43 0.27 0.00	33.79 0.18 0.00	32.53 0.12 0.00	33.22 0.09 0.00	32.06 0.12 0.00	32.38 0.27 0.00	31.82 0.33 0.00	31.63 0.29 0.00	34.93 0.38 0.00	34.33 0.40 0.00	36.37 0.46 0.00	41.03 0.45 0.00	47.38 0.53 0.00	49.24 0.53 0.00	53.07 0.61 0.00	52.23 0.75 0.00	54.74 0.41 0.00	56.42 0.25 0.00	68.09 0.26 0.00	53.60 0.14 0.00	55.27 0.20 0.00	42.69 0.21 0.00
MARSHVLE_115KV_TB1 80742	49.08 2.25 0.00	41.57 1.82 0.00	35.62 1.46 0.00	34.95 1.34 0.00	33.67 1.27 0.00	34.48 1.35 0.00	33.17 1.23 0.00	32.92 0.81 0.00	32.09 0.60 0.00	32.12 0.78 0.00	35.34 0.79 0.00	34.57 0.64 0.00	36.45 0.54 0.00	41.20 0.63 0.00	47.73 0.89 0.00	50.06 1.34 0.00	54.04 1.57 0.00	53.11 1.63 0.00	56.79 2.46 0.00	59.69 3.52 0.00	72.04 4.21 0.00	56.64 3.18 0.00	58.14 3.07 0.00	44.74 2.26 0.00
MARSH_HILL_WT_PWR 323713	46.82 0.00 0.00	39.45 -0.30 0.00	33.68 -0.48 0.00	32.92 -0.70 0.00	31.85 -0.56 0.00	32.58 -0.55 0.00	31.20 -0.74 0.00	30.91 -1.21 0.00	30.19 -1.31 0.00	30.31 -1.03 0.00	33.63 -0.91 0.00	33.04 -0.89 0.00	35.06 -0.85 0.00	39.92 -0.65 0.00	46.11 -0.74 0.00	48.15 -0.56 0.00	51.59 -0.88 0.00	50.54 -0.94 0.00	54.04 -0.29 0.00	56.57 0.40 0.00	68.59 0.76 0.00	53.88 0.42 0.00	55.61 0.55 0.00	42.67 0.19 0.00
MCINTYRE_115KV_TB2 80467	48.55 1.73 0.00	41.10 1.35 0.00	35.25 1.09 0.00	34.58 0.96 0.00	33.32 0.91 0.00	34.06 0.93 0.00	32.87 0.93 0.00	33.18 1.07 0.00	32.43 0.94 0.00	31.89 0.55 0.00	35.13 0.59 0.00	34.55 0.62 0.00	36.54 0.63 0.00	41.22 0.64 0.00	47.85 1.01 0.00	49.76 1.04 0.00	53.59 1.12 0.00	53.01 1.53 0.00	55.37 1.04 0.00	57.84 1.67 0.00	70.38 2.55 0.00	55.43 1.97 0.00	57.19 2.12 0.00	44.03 1.55 0.00
MECO____69_KV_BK1 80468	49.60 2.78 0.00	42.01 2.26 0.00	36.01 1.85 0.00	35.36 1.74 0.00	34.07 1.66 0.00	34.87 1.74 0.00	33.51 1.58 0.00	33.26 1.15 0.00	32.14 0.65 0.00	31.89 0.54 0.00	35.42 0.88 0.00	34.49 0.56 0.00	36.04 0.13 0.00	40.65 0.08 0.00	47.01 0.16 0.00	49.14 0.42 0.00	53.31 0.85 0.00	53.05 1.57 0.00	57.34 3.01 0.00	60.60 4.43 0.00	73.08 5.25 0.00	57.39 3.93 0.00	58.86 3.80 0.00	45.24 2.75 0.00

MENANDS__115KV_TB5 355628	47.16 0.34 0.00	40.16 0.41 0.00	34.64 0.48 0.00	34.27 0.65 0.00	33.02 0.61 0.00	33.75 0.62 0.00	32.55 0.61 0.00	32.63 0.52 0.00	31.91 0.42 0.00	31.68 0.34 0.00	34.72 0.17 0.00	34.05 0.12 0.00	36.12 0.21 0.00	40.78 0.21 0.00	46.91 0.06 0.00	48.67 -0.05 0.00	52.42 -0.05 0.00	51.59 0.11 0.00	54.65 0.32 0.00	56.65 0.48 0.00	68.10 0.26 0.00	53.72 0.26 0.00	55.37 0.31 0.00	42.76 0.27 0.00
MG INDUSTRY__DRP 24185	47.33 0.50 0.00	40.27 0.52 0.00	34.72 0.56 0.00	34.31 0.69 0.00	33.08 0.68 0.00	33.83 0.70 0.00	32.60 0.66 0.00	32.69 0.58 0.00	31.92 0.43 0.00	31.67 0.33 0.00	34.68 0.14 0.00	34.05 0.12 0.00	36.15 0.24 0.00	40.69 0.12 0.00	46.86 0.02 0.00	48.63 -0.09 0.00	52.34 -0.13 0.00	51.51 0.03 0.00	54.69 0.36 0.00	56.80 0.63 0.00	68.41 0.58 0.00	53.92 0.46 0.00	55.54 0.47 0.00	42.91 0.43 0.00
MID__OSWEGATCHIE_HYD 23849	47.57 0.75 0.00	40.30 0.54 0.00	34.52 0.36 0.00	33.93 0.31 0.00	32.71 0.31 0.00	33.63 0.50 0.00	32.42 0.48 0.00	32.60 0.49 0.00	31.94 0.45 0.00	31.66 0.33 0.00	34.94 0.39 0.00	34.27 0.34 0.00	36.23 0.32 0.00	41.02 0.44 0.00	47.34 0.50 0.00	49.18 0.46 0.00	53.01 0.55 0.00	52.34 0.86 0.00	55.31 0.98 0.00	57.88 1.71 0.00	70.26 2.43 0.00	55.32 1.86 0.00	56.91 1.84 0.00	43.69 1.21 0.00
MID__RAQUETTE_HYD 23851	47.49 0.67 0.00	40.23 0.48 0.00	34.51 0.35 0.00	33.88 0.26 0.00	32.63 0.23 0.00	33.40 0.27 0.00	32.22 0.28 0.00	32.55 0.45 0.00	31.92 0.43 0.00	31.64 0.30 0.00	34.92 0.37 0.00	34.31 0.38 0.00	36.29 0.38 0.00	40.97 0.40 0.00	47.36 0.51 0.00	49.24 0.52 0.00	53.11 0.64 0.00	52.34 0.86 0.00	54.81 0.49 0.00	56.87 0.70 0.00	68.89 1.06 0.00	54.25 0.79 0.00	55.96 0.90 0.00	43.12 0.63 0.00
MILLIKEN__1 23584	47.26 0.43 0.00	40.01 0.26 0.00	34.27 0.11 0.00	33.72 0.10 0.00	32.54 0.13 0.00	33.29 0.16 0.00	32.06 0.12 0.00	32.11 0.01 0.00	31.50 0.01 0.00	31.32 -0.02 0.00	34.43 -0.12 0.00	33.68 -0.25 0.00	35.62 -0.30 0.00	40.35 -0.23 0.00	46.79 -0.06 0.00	48.79 0.08 0.00	52.74 0.27 0.00	51.91 0.43 0.00	55.17 0.84 0.00	57.53 1.36 0.00	69.31 1.48 0.00	54.48 1.02 0.00	55.96 0.90 0.00	42.99 0.51 0.00
MILLIKEN__2 23585	47.26 0.43 0.00	40.01 0.26 0.00	34.27 0.11 0.00	33.72 0.10 0.00	32.54 0.13 0.00	33.29 0.16 0.00	32.06 0.12 0.00	32.11 0.01 0.00	31.50 0.01 0.00	31.32 -0.02 0.00	34.43 -0.12 0.00	33.68 -0.25 0.00	35.62 -0.30 0.00	40.35 -0.23 0.00	46.79 -0.06 0.00	48.79 0.08 0.00	52.74 0.27 0.00	51.91 0.43 0.00	55.17 0.84 0.00	57.53 1.36 0.00	69.31 1.48 0.00	54.48 1.02 0.00	55.96 0.90 0.00	42.99 0.51 0.00
MILLIKEN__DIESEL 23629	47.26 0.43 0.00	40.01 0.26 0.00	34.27 0.11 0.00	33.72 0.10 0.00	32.54 0.13 0.00	33.29 0.16 0.00	32.06 0.12 0.00	32.11 0.01 0.00	31.50 0.01 0.00	31.32 -0.02 0.00	34.43 -0.12 0.00	33.68 -0.25 0.00	35.62 -0.30 0.00	40.35 -0.23 0.00	46.79 -0.06 0.00	48.79 0.08 0.00	52.74 0.27 0.00	51.91 0.43 0.00	55.17 0.84 0.00	57.53 1.36 0.00	69.31 1.48 0.00	54.48 1.02 0.00	55.96 0.90 0.00	42.99 0.51 0.00
MILLSEAT__LFGE 323607	45.21 -0.74 0.87	37.90 -0.94 0.92	33.23 -0.92 0.01	32.40 -1.22 0.00	31.19 -1.22 0.00	31.80 -1.28 0.05	30.50 -1.44 0.00	30.24 -1.87 0.00	29.96 -1.53 0.00	30.04 -1.30 0.00	33.27 -1.28 0.00	32.75 -1.18 0.00	34.69 -1.22 0.00	39.31 -1.27 0.00	45.50 -1.35 0.00	47.86 -0.86 0.00	51.76 -0.71 0.00	50.34 -1.14 0.00	53.20 -1.13 0.00	55.76 -0.41 0.00	67.25 -0.58 0.00	50.82 -0.42 2.22	52.55 -0.15 2.37	38.83 -0.49 3.17
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.38 1.56 0.00	40.96 1.20 0.00	35.19 1.03 0.00	34.71 1.10 0.00	33.48 1.08 0.00	34.12 0.99 0.00	32.90 0.96 0.00	33.08 0.96 0.00	32.41 0.93 0.00	32.41 1.07 0.00	35.83 1.29 0.00	35.37 1.43 0.00	37.65 1.74 0.00	42.76 2.19 0.00	49.45 2.60 0.00	51.36 2.64 0.00	55.24 2.77 0.00	53.84 2.37 0.00	57.33 3.00 0.00	59.26 3.10 0.00	71.27 3.44 0.00	55.76 2.30 0.00	57.20 2.14 0.00	44.24 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	48.48 1.65 0.00	41.03 1.28 0.00	35.26 1.10 0.00	34.78 1.16 0.00	33.55 1.14 0.00	34.18 1.05 0.00	32.96 1.03 0.00	33.13 1.02 0.00	32.48 0.98 0.00	32.46 1.12 0.00	35.90 1.35 0.00	35.43 1.50 0.00	37.72 1.81 0.00	42.85 2.27 0.00	49.55 2.71 0.00	51.48 2.76 0.00	55.39 2.93 0.00	54.01 2.53 0.00	57.52 3.19 0.00	59.45 3.28 0.00	71.48 3.65 0.00	55.91 2.45 0.00	57.37 2.30 0.00	44.35 1.87 0.00
MODEL_CITY_ENERGY 24167	43.50 -2.31 1.01	36.47 -2.21 1.07	32.20 -1.95 0.01	31.39 -2.23 0.00	30.21 -2.19 0.00	30.79 -2.28 0.06	29.54 -2.40 0.00	29.29 -2.82 0.00	29.21 -2.28 0.00	29.40 -1.94 0.00	32.63 -1.91 0.00	32.14 -1.79 0.00	33.94 -1.97 0.00	38.50 -2.08 0.00	44.32 -2.53 0.00	46.62 -2.09 0.00	50.13 -2.34 0.00	48.49 -2.99 0.00	51.20 -3.13 0.00	53.43 -2.74 0.00	64.26 -3.57 0.00	48.15 -2.72 2.59	50.02 -2.28 2.76	36.76 -2.03 3.69
MODERN_LFGE__ 323580	43.50 -2.31 1.01	36.47 -2.21 1.07	32.20 -1.95 0.01	31.39 -2.23 0.00	30.21 -2.19 0.00	30.79 -2.28 0.06	29.54 -2.40 0.00	29.29 -2.82 0.00	29.21 -2.28 0.00	29.40 -1.94 0.00	32.63 -1.91 0.00	32.14 -1.79 0.00	33.94 -1.97 0.00	38.50 -2.08 0.00	44.32 -2.53 0.00	46.62 -2.09 0.00	50.13 -2.34 0.00	48.49 -2.99 0.00	51.20 -3.13 0.00	53.43 -2.74 0.00	64.26 -3.57 0.00	48.15 -2.72 2.59	50.02 -2.28 2.76	36.76 -2.03 3.69
MOHAWK_PAPER__DRP 24187	47.49 0.67 0.00	40.41 0.66 0.00	34.84 0.68 0.00	34.43 0.81 0.00	33.17 0.77 0.00	33.91 0.78 0.00	32.69 0.75 0.00	32.77 0.66 0.00	32.04 0.55 0.00	31.81 0.47 0.00	34.89 0.34 0.00	34.21 0.29 0.00	36.31 0.40 0.00	40.99 0.41 0.00	47.15 0.30 0.00	48.96 0.24 0.00	52.76 0.29 0.00	51.97 0.49 0.00	55.13 0.79 0.00	57.18 1.01 0.00	68.72 0.89 0.00	54.20 0.73 0.00	55.83 0.77 0.00	43.09 0.61 0.00
MOHICAN__35_KV_115KV_LD 80490	48.89 2.06 0.00	41.62 1.87 0.00	35.75 1.60 0.00	35.14 1.52 0.00	33.85 1.44 0.00	34.62 1.49 0.00	33.40 1.46 0.00	33.36 1.25 0.00	32.32 0.83 0.00	31.98 0.64 0.00	35.05 0.50 0.00	34.48 0.54 0.00	36.68 0.77 0.00	41.26 0.68 0.00	47.50 0.65 0.00	49.22 0.51 0.00	53.10 0.63 0.00	52.78 1.29 0.00	56.83 2.50 0.00	59.18 3.01 0.00	71.42 3.59 0.00	56.23 2.77 0.00	57.91 2.85 0.00	44.59 2.11 0.00
MONGAUP__HYD 23641	48.60 1.78 0.00	41.12 1.37 0.00	35.31 1.15 0.00	34.78 1.16 0.00	33.54 1.13 0.00	34.22 1.09 0.00	32.97 1.03 0.00	33.05 0.94 0.00	32.24 0.75 0.00	31.98 0.64 0.00	35.29 0.75 0.00	34.79 0.85 0.00	36.99 1.08 0.00	41.99 1.41 0.00	48.55 1.70 0.00	50.49 1.77 0.00	54.67 2.20 0.00	53.93 2.46 0.00	57.40 3.07 0.00	59.61 3.44 0.00	71.95 4.13 0.00	56.32 2.86 0.00	57.73 2.67 0.00	44.48 1.99 0.00

MONTAUK___DIESEL 23721	50.42 3.60 0.00	42.19 2.44 0.00	36.06 1.90 0.00	35.68 2.06 0.00	34.42 2.02 0.00	35.11 1.98 0.00	34.02 2.08 0.00	33.94 1.84 0.00	33.29 1.80 0.00	33.54 2.20 0.00	37.01 2.47 0.00	36.27 2.33 0.00	38.65 2.74 0.00	43.49 2.91 0.00	50.33 3.48 0.00	52.61 3.90 0.00	56.63 4.17 0.00	55.82 4.34 0.00	59.72 5.39 0.00	61.29 5.12 0.00	73.26 5.43 0.00	57.84 4.38 0.00	59.13 4.06 0.00	46.51 4.02 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.85 0.03 0.00	39.19 -0.57 0.00	33.40 -0.76 0.00	32.77 -0.85 0.00	31.62 -0.79 0.00	32.25 -0.88 0.00	30.92 -1.02 0.00	30.69 -1.42 0.00	30.53 -0.95 0.00	30.82 -0.52 0.00	34.26 -0.29 0.00	33.71 -0.22 0.00	35.61 -0.30 0.00	40.45 -0.13 0.00	46.73 -0.12 0.00	49.13 0.41 0.00	52.65 0.18 0.00	51.17 -0.31 0.00	54.52 0.19 0.00	56.97 0.80 0.00	68.38 0.55 0.00	53.49 0.03 0.00	55.11 0.05 0.00	42.19 -0.30 0.00
MORRIS_RIDGE___SOLAR 323848	46.10 -0.72 0.00	38.81 -0.95 0.00	33.18 -0.97 0.00	32.46 -1.16 0.00	31.31 -1.09 0.00	32.00 -1.13 0.00	30.64 -1.30 0.00	30.34 -1.77 0.00	29.71 -1.78 0.00	29.83 -1.51 0.00	33.06 -1.48 0.00	32.53 -1.40 0.00	34.45 -1.46 0.00	39.18 -1.39 0.00	45.20 -1.65 0.00	47.34 -1.37 0.00	50.78 -1.69 0.00	49.70 -1.78 0.00	53.02 -1.31 0.00	55.63 -0.54 0.00	67.18 -0.65 0.00	52.78 -0.68 0.00	54.54 -0.52 0.00	41.86 -0.62 0.00
MORTIMER_115KV_TB3 55949	46.37 -0.45 0.00	39.13 -0.62 0.00	33.51 -0.65 0.00	32.78 -0.83 0.00	31.56 -0.84 0.00	32.22 -0.90 0.00	30.95 -0.99 0.00	30.86 -1.24 0.00	30.56 -0.93 0.00	30.67 -0.67 0.00	34.01 -0.53 0.00	33.49 -0.45 0.00	35.42 -0.49 0.00	40.18 -0.39 0.00	46.41 -0.44 0.00	48.66 -0.06 0.00	52.43 -0.04 0.00	51.29 -0.19 0.00	54.30 -0.03 0.00	56.48 0.31 0.00	67.92 0.09 0.00	53.44 -0.02 0.00	55.13 0.06 0.00	42.27 -0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.70 1.87 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.31 1.18 0.00	33.10 1.17 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.67 1.33 0.00	36.11 1.57 0.00	35.65 1.72 0.00	37.99 2.08 0.00	43.15 2.57 0.00	49.92 3.07 0.00	51.84 3.13 0.00	55.70 3.23 0.00	54.18 2.70 0.00	57.66 3.33 0.00	59.61 3.44 0.00	71.79 3.96 0.00	56.15 2.69 0.00	57.60 2.54 0.00	44.61 2.13 0.00
MUNSVILLE_WIND_PWR 323609	48.95 1.81 -0.31	41.38 1.30 -0.33	35.24 1.08 0.00	34.83 1.21 0.00	33.78 1.37 0.00	34.56 1.41 -0.02	33.32 1.38 0.00	33.61 1.50 0.00	33.09 1.61 0.00	32.83 1.49 0.00	35.92 1.38 0.00	34.79 0.86 0.00	36.68 0.77 0.00	41.49 0.92 0.00	48.56 1.71 0.00	51.39 2.67 0.00	55.35 2.88 0.00	55.18 3.70 0.00	58.69 4.35 0.00	61.30 5.13 0.00	73.85 6.02 0.00	58.77 4.51 -0.80	60.23 4.31 -0.85	46.68 3.05 -1.14
N SALMON___HYD 24042	47.82 0.99 0.00	40.50 0.75 0.00	34.75 0.59 0.00	34.08 0.46 0.00	32.81 0.40 0.00	33.52 0.39 0.00	32.34 0.40 0.00	32.68 0.58 0.00	32.14 0.65 0.00	31.99 0.65 0.00	35.34 0.79 0.00	34.68 0.75 0.00	36.68 0.77 0.00	41.42 0.85 0.00	47.85 1.00 0.00	49.80 1.09 0.00	53.72 1.25 0.00	52.95 1.48 0.00	55.47 1.15 0.00	57.23 1.06 0.00	69.23 1.40 0.00	54.38 0.92 0.00	56.01 0.94 0.00	43.23 0.75 0.00
N.AKRON__115KV_KNAPP 355671	45.82 -1.00 0.00	38.60 -1.15 0.00	33.07 -1.09 0.00	32.23 -1.39 0.00	31.02 -1.38 0.00	31.69 -1.44 0.00	30.33 -1.61 0.00	30.08 -2.03 0.00	29.87 -1.62 0.00	29.99 -1.35 0.00	33.24 -1.30 0.00	32.75 -1.19 0.00	34.61 -1.30 0.00	39.25 -1.32 0.00	45.42 -1.43 0.00	47.78 -0.94 0.00	51.53 -0.93 0.00	50.01 -1.47 0.00	52.88 -1.45 0.00	55.34 -0.83 0.00	66.71 -1.12 0.00	52.64 -0.82 0.00	54.55 -0.51 0.00	41.74 -0.74 0.00
N.BELMOR_69_KV_BK1 55787	49.11 2.29 0.00	41.46 1.71 0.00	35.59 1.43 0.00	35.16 1.55 0.00	33.90 1.49 0.00	34.50 1.37 0.00	33.33 1.40 0.00	33.47 1.36 0.00	32.85 1.36 0.00	32.94 1.60 0.00	36.44 1.90 0.00	35.95 2.02 0.00	38.39 2.47 0.00	43.48 2.90 0.00	50.09 3.24 0.00	52.00 3.28 0.00	55.83 3.36 0.00	54.53 3.05 0.00	58.12 3.79 0.00	59.70 3.53 0.00	71.69 3.86 0.00	56.23 2.77 0.00	57.63 2.57 0.00	44.95 2.47 0.00
N.E._GEN_SANDY PD 24062	46.62 0.73 0.93	42.29 0.77 -1.77	34.92 0.76 0.00	34.45 0.83 0.00	33.21 0.80 0.00	33.92 0.79 0.00	32.71 0.77 0.00	33.04 0.69 -0.23	31.82 0.49 0.16	26.95 0.45 4.84	34.61 0.40 0.34	34.06 0.33 0.20	35.51 0.41 0.82	38.73 0.52 2.36	43.02 0.49 4.32	44.14 0.30 4.87	46.26 0.22 6.42	46.85 0.27 4.89	49.44 0.42 5.32	56.83 0.66 0.00	64.96 0.46 3.33	53.97 0.51 0.00	49.90 0.68 5.84	41.13 0.55 1.91
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.40 1.58 0.00	40.95 1.20 0.00	35.19 1.03 0.00	34.70 1.09 0.00	33.46 1.06 0.00	34.10 0.97 0.00	32.89 0.95 0.00	33.05 0.94 0.00	32.40 0.91 0.00	32.40 1.06 0.00	35.87 1.33 0.00	35.41 1.48 0.00	37.71 1.80 0.00	42.85 2.28 0.00	49.58 2.73 0.00	51.52 2.80 0.00	55.44 2.97 0.00	54.05 2.57 0.00	57.58 3.24 0.00	59.51 3.34 0.00	71.54 3.71 0.00	55.90 2.44 0.00	57.35 2.29 0.00	44.29 1.81 0.00
N.QUEENS_27_KV_LOAD 356247	48.60 1.77 0.00	41.21 1.46 0.00	35.37 1.21 0.00	34.83 1.22 0.00	33.64 1.23 0.00	34.25 1.12 0.00	33.07 1.13 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.12 1.57 0.00	35.69 1.76 0.00	38.01 2.10 0.00	43.11 2.54 0.00	49.90 3.05 0.00	51.79 3.08 0.00	55.60 3.13 0.00	54.19 2.72 0.01	57.64 3.32 0.01	59.66 3.50 0.01	71.78 3.95 0.01	56.16 2.71 0.01	57.58 2.52 0.00	44.64 2.16 0.00
N.TROY___115KV_TB1 355778	47.79 0.96 0.00	40.69 0.94 0.00	35.05 0.88 0.00	34.54 0.93 0.00	33.27 0.87 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.89 0.78 0.00	32.07 0.59 0.00	31.82 0.48 0.00	34.95 0.40 0.00	34.25 0.32 0.00	36.30 0.39 0.00	41.00 0.43 0.00	47.18 0.33 0.00	48.90 0.18 0.00	52.66 0.19 0.00	51.90 0.42 0.00	55.06 0.73 0.00	57.20 1.03 0.00	68.80 0.97 0.00	54.35 0.89 0.00	56.09 1.03 0.00	43.25 0.77 0.00
NARROWS_GT1_1 24228	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT1_2 24229	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00

NARROWS_GT1_3 24230	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT1_4 24231	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT1_5 24232	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT1_6 24233	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT1_7 24234	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT1_8 24235	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_1 24236	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_2 24237	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_3 24238	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_4 24239	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_5 24240	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_6 24241	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_7 24242	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NARROWS_GT2_8 24243	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.40 2.92 0.00	57.91 3.58 0.00	59.89 3.72 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.71 0.00	44.80 2.32 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.05 1.23 0.00	40.84 1.09 0.00	35.18 1.02 0.00	34.77 1.16 0.00	33.52 1.11 0.00	34.26 1.13 0.00	33.02 1.08 0.00	33.08 0.97 0.00	32.21 0.71 0.00	31.98 0.64 0.00	34.93 0.39 0.00	34.31 0.38 0.00	36.44 0.53 0.00	41.06 0.48 0.00	47.29 0.45 0.00	49.12 0.41 0.00	53.00 0.53 0.00	52.47 0.99 0.00	55.86 1.53 0.00	58.28 2.11 0.00	70.24 2.42 0.00	55.29 1.83 0.00	56.78 1.72 0.00	43.73 1.25 0.00

NCHELSEA_115KV_TR2 355582	48.62 1.80 0.00	41.18 1.43 0.00	35.39 1.23 0.00	34.89 1.27 0.00	33.66 1.25 0.00	34.30 1.17 0.00	33.07 1.13 0.00	33.23 1.12 0.00	32.56 1.07 0.00	32.50 1.16 0.00	35.93 1.38 0.00	35.45 1.52 0.00	37.74 1.83 0.00	42.87 2.30 0.00	49.63 2.78 0.00	51.60 2.88 0.00	55.59 3.12 0.00	54.32 2.84 0.00	57.83 3.50 0.00	59.78 3.61 0.00	71.86 4.03 0.00	56.21 2.75 0.00	57.62 2.56 0.00	44.47 1.99 0.00
NEG CAPITAL___MECHNVIL 23645	48.58 1.76 0.00	41.34 1.59 0.00	35.52 1.37 0.00	34.96 1.35 0.00	33.69 1.29 0.00	34.46 1.33 0.00	33.22 1.28 0.00	33.26 1.15 0.00	32.41 0.92 0.00	32.15 0.81 0.00	35.35 0.81 0.00	34.73 0.80 0.00	36.84 0.93 0.00	41.51 0.94 0.00	47.82 0.97 0.00	49.63 0.91 0.00	53.58 1.11 0.00	52.94 1.46 0.00	56.43 2.10 0.00	58.66 2.49 0.00	70.58 2.75 0.00	55.62 2.16 0.00	57.29 2.22 0.00	44.11 1.62 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.21 -1.25 0.37	38.13 -1.23 0.39	32.99 -1.17 0.00	32.31 -1.31 0.00	31.11 -1.30 0.00	31.75 -1.35 0.02	30.53 -1.41 0.00	30.48 -1.63 0.00	30.14 -1.35 0.00	30.19 -1.15 0.00	33.43 -1.12 0.00	32.90 -1.04 0.00	34.83 -1.08 0.00	39.51 -1.06 0.00	45.66 -1.19 0.00	47.80 -0.92 0.00	51.53 -0.93 0.00	50.45 -1.03 0.00	53.44 -0.90 0.00	55.57 -0.60 0.00	66.79 -1.04 0.00	51.56 -0.95 0.94	53.06 -0.99 1.01	40.16 -0.97 1.35
NEG CENTRAL___DRP 24199	46.80 -0.03 0.00	39.60 -0.15 0.00	33.91 -0.25 0.00	33.30 -0.32 0.00	32.11 -0.29 0.00	32.82 -0.31 0.00	31.59 -0.34 0.00	31.57 -0.55 0.00	30.98 -0.51 0.00	30.85 -0.48 0.00	34.04 -0.51 0.00	33.39 -0.54 0.00	35.36 -0.56 0.00	40.13 -0.44 0.00	46.45 -0.39 0.00	48.51 -0.21 0.00	52.34 -0.12 0.00	51.36 -0.12 0.00	54.58 0.25 0.00	56.77 0.60 0.00	68.37 0.54 0.00	53.65 0.19 0.00	55.16 0.10 0.00	42.49 0.01 0.00
NEG CENTRAL___INDECK 23768	48.11 1.28 0.00	40.52 0.77 0.00	34.66 0.50 0.00	33.86 0.24 0.00	32.62 0.22 0.00	33.32 0.20 0.00	31.96 0.02 0.00	31.73 -0.38 0.00	30.94 -0.55 0.00	30.93 -0.41 0.00	34.29 -0.25 0.00	33.83 -0.10 0.00	35.88 -0.03 0.00	40.74 0.16 0.00	47.13 0.28 0.00	49.43 0.71 0.00	53.11 0.64 0.00	52.42 0.94 0.00	55.89 1.56 0.00	58.58 2.41 0.00	70.97 3.14 0.00	55.89 2.43 0.00	57.47 2.40 0.00	43.93 1.44 0.00
NEG CENTRAL___SENECA 23627	46.83 0.00 0.00	39.58 -0.17 0.00	33.89 -0.28 0.00	33.23 -0.39 0.00	32.05 -0.36 0.00	32.76 -0.37 0.00	31.51 -0.43 0.00	31.45 -0.66 0.00	30.86 -0.63 0.00	30.77 -0.58 0.00	33.98 -0.57 0.00	33.33 -0.60 0.00	35.31 -0.60 0.00	40.17 -0.41 0.00	46.50 -0.35 0.00	48.64 -0.08 0.00	52.37 -0.10 0.00	51.37 -0.11 0.00	54.71 0.38 0.00	56.88 0.70 0.00	68.51 0.68 0.00	53.68 0.21 0.00	55.21 0.15 0.00	42.59 0.10 0.00
NEG CENTRAL___STATE_STREET 24147	47.00 0.17 0.00	39.85 0.10 0.00	34.06 -0.10 0.00	33.55 -0.08 0.00	32.36 -0.04 0.00	33.11 -0.02 0.00	31.88 -0.06 0.00	31.82 -0.29 0.00	31.30 -0.20 0.00	31.15 -0.19 0.00	34.31 -0.24 0.00	33.64 -0.30 0.00	35.58 -0.33 0.00	40.17 -0.40 0.00	46.58 -0.27 0.00	48.55 -0.17 0.00	52.49 0.02 0.00	51.64 0.16 0.00	54.58 0.25 0.00	56.97 0.80 0.00	68.46 0.63 0.00	53.93 0.47 0.00	55.40 0.34 0.00	42.52 0.03 0.00
NEG MILLWOOD___DRP 24198	48.70 1.88 0.00	41.23 1.48 0.00	35.42 1.27 0.00	34.92 1.31 0.00	33.69 1.29 0.00	34.33 1.20 0.00	33.10 1.16 0.00	33.27 1.16 0.00	32.62 1.13 0.00	32.59 1.25 0.00	36.03 1.49 0.00	35.56 1.63 0.00	37.88 1.97 0.00	43.04 2.46 0.00	49.82 2.97 0.00	51.80 3.08 0.00	55.75 3.28 0.00	54.45 2.97 0.00	57.95 3.62 0.00	59.90 3.74 0.00	72.00 4.17 0.00	56.31 2.85 0.00	57.71 2.65 0.00	44.55 2.07 0.00
NEG NORTH_FLCN_SEA 23793	47.75 0.93 0.00	40.54 0.79 0.00	34.82 0.66 0.00	34.19 0.57 0.00	32.90 0.50 0.00	33.60 0.47 0.00	32.41 0.48 0.00	32.69 0.58 0.00	32.08 0.59 0.00	31.89 0.55 0.00	35.21 0.67 0.00	34.62 0.69 0.00	36.74 0.83 0.00	41.45 0.88 0.00	47.91 1.07 0.00	49.81 1.09 0.00	53.61 1.14 0.00	52.87 1.39 0.00	55.46 1.13 0.00	57.21 1.04 0.00	69.04 1.22 0.00	54.19 0.73 0.00	55.90 0.83 0.00	43.19 0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	47.35 0.53 0.00	40.16 0.41 0.00	34.48 0.32 0.00	33.84 0.22 0.00	32.56 0.15 0.00	33.25 0.12 0.00	32.08 0.15 0.00	32.38 0.27 0.00	31.82 0.33 0.00	31.64 0.30 0.00	34.95 0.41 0.00	34.35 0.42 0.00	36.38 0.47 0.00	41.03 0.46 0.00	47.38 0.53 0.00	49.26 0.54 0.00	53.08 0.62 0.00	52.24 0.76 0.00	54.80 0.47 0.00	56.48 0.31 0.00	68.23 0.40 0.00	53.72 0.26 0.00	55.36 0.29 0.00	42.76 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	47.88 1.06 0.00	40.62 0.87 0.00	34.88 0.72 0.00	34.23 0.61 0.00	32.94 0.54 0.00	33.64 0.51 0.00	32.45 0.51 0.00	32.72 0.62 0.00	32.08 0.58 0.00	31.89 0.55 0.00	35.22 0.67 0.00	34.62 0.69 0.00	36.78 0.87 0.00	41.45 0.88 0.00	47.93 1.09 0.00	49.87 1.15 0.00	53.64 1.18 0.00	52.91 1.43 0.00	55.55 1.21 0.00	57.41 1.24 0.00	69.34 1.51 0.00	54.39 0.93 0.00	56.07 1.00 0.00	43.30 0.82 0.00
NEG NORTH___LWR_SARANAC 23913	47.88 1.06 0.00	40.62 0.87 0.00	34.88 0.72 0.00	34.23 0.61 0.00	32.94 0.54 0.00	33.64 0.51 0.00	32.45 0.51 0.00	32.72 0.62 0.00	32.08 0.58 0.00	31.89 0.55 0.00	35.22 0.67 0.00	34.62 0.69 0.00	36.78 0.87 0.00	41.45 0.88 0.00	47.93 1.09 0.00	49.87 1.15 0.00	53.64 1.18 0.00	52.91 1.43 0.00	55.55 1.21 0.00	57.41 1.24 0.00	69.34 1.51 0.00	54.39 0.93 0.00	56.07 1.00 0.00	43.30 0.82 0.00
NEG NORTH___PLATTSBURG 23628	47.88 1.06 0.00	40.62 0.88 0.00	34.88 0.72 0.00	34.23 0.61 0.00	32.94 0.54 0.00	33.64 0.51 0.00	32.45 0.51 0.00	32.72 0.62 0.00	32.08 0.59 0.00	31.89 0.55 0.00	35.21 0.67 0.00	34.62 0.69 0.00	36.78 0.87 0.00	41.45 0.88 0.00	47.94 1.09 0.00	49.86 1.15 0.00	53.64 1.17 0.00	52.91 1.43 0.00	55.54 1.21 0.00	57.41 1.24 0.00	69.34 1.51 0.00	54.39 0.93 0.00	56.07 1.00 0.00	43.30 0.82 0.00
NEG WEST_LEA_LOCKPORT 23791	45.05 -1.78 0.00	37.95 -1.80 0.00	32.52 -1.64 0.00	31.71 -1.91 0.00	30.52 -1.89 0.00	31.15 -1.98 0.00	29.83 -2.11 0.00	29.59 -2.52 0.00	29.49 -2.00 0.00	29.69 -1.65 0.00	32.96 -1.59 0.00	32.46 -1.47 0.00	34.26 -1.65 0.00	38.87 -1.70 0.00	44.82 -2.03 0.00	47.15 -1.57 0.00	50.69 -1.78 0.00	49.14 -2.34 0.00	51.90 -2.43 0.00	54.18 -1.98 0.00	65.19 -2.64 0.00	51.48 -1.98 0.00	53.49 -1.57 0.00	41.00 -1.48 0.00
NEG WEST___LANCASTR 23811	45.79 -1.03 0.00	38.51 -1.24 0.00	32.88 -1.28 0.00	32.12 -1.50 0.00	30.96 -1.44 0.00	31.62 -1.51 0.00	30.29 -1.65 0.00	30.15 -1.95 0.00	29.98 -1.51 0.00	30.22 -1.12 0.00	33.56 -0.99 0.00	32.97 -0.96 0.00	34.81 -1.10 0.00	39.54 -1.04 0.00	45.64 -1.21 0.00	47.96 -0.76 0.00	51.56 -0.91 0.00	50.14 -1.34 0.00	53.11 -1.22 0.00	55.32 -0.85 0.00	66.45 -1.38 0.00	52.36 -1.10 0.00	54.30 -0.76 0.00	41.68 -0.81 0.00

NEG_PENN_ALLEGHNY 23528	47.01 -0.14 -0.33	39.81 -0.29 -0.34	33.85 -0.31 0.00	33.28 -0.33 0.00	32.12 -0.29 0.00	32.87 -0.28 -0.02	31.62 -0.32 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.11 -0.23 0.00	34.31 -0.23 0.00	33.65 -0.28 0.00	35.62 -0.29 0.00	40.40 -0.18 0.00	46.75 -0.09 0.00	48.79 0.07 0.00	52.57 0.10 0.00	51.49 0.01 0.00	54.80 0.47 0.00	56.86 0.69 0.00	68.36 0.53 0.00	54.42 0.12 -0.83	56.00 0.05 -0.89	43.59 -0.09 -1.19
NEG___GEN_MONROE 24207	46.62 -0.20 0.00	39.33 -0.42 0.00	33.67 -0.49 0.00	32.91 -0.71 0.00	31.67 -0.73 0.00	32.34 -0.79 0.00	31.04 -0.90 0.00	30.91 -1.20 0.00	30.55 -0.94 0.00	30.63 -0.71 0.00	33.93 -0.62 0.00	33.40 -0.53 0.00	35.38 -0.53 0.00	40.13 -0.45 0.00	46.40 -0.44 0.00	48.70 -0.02 0.00	52.49 0.02 0.00	51.38 -0.09 0.00	54.42 0.09 0.00	56.76 0.58 0.00	68.34 0.51 0.00	53.80 0.34 0.00	55.50 0.43 0.00	42.51 0.02 0.00
NEPA___ENERGY 23901	45.72 -1.11 0.00	38.30 -1.45 0.00	32.73 -1.43 0.00	32.10 -1.52 0.00	30.99 -1.41 0.00	31.68 -1.45 0.00	30.35 -1.59 0.00	30.23 -1.88 0.00	29.94 -1.55 0.00	30.25 -1.09 0.00	33.60 -0.95 0.00	33.01 -0.93 0.00	34.85 -1.06 0.00	39.62 -0.95 0.00	45.83 -1.02 0.00	48.08 -0.64 0.00	51.67 -0.79 0.00	50.11 -1.38 0.00	53.41 -0.92 0.00	55.75 -0.42 0.00	66.83 -1.00 0.00	52.18 -1.28 0.00	53.96 -1.11 0.00	41.28 -1.21 0.00
NEVERSINK___HYD 23608	48.09 1.27 0.00	40.68 0.93 0.00	34.91 0.75 0.00	34.38 0.77 0.00	33.14 0.74 0.00	33.80 0.67 0.00	32.57 0.63 0.00	32.73 0.63 0.00	32.10 0.60 0.00	31.99 0.65 0.00	35.32 0.78 0.00	34.82 0.89 0.00	37.05 1.14 0.00	42.13 1.55 0.00	48.82 1.97 0.00	50.96 2.24 0.00	55.02 2.55 0.00	53.79 2.31 0.00	57.33 3.00 0.00	59.29 3.12 0.00	71.26 3.43 0.00	55.70 2.24 0.00	57.06 1.99 0.00	43.96 1.47 0.00
NEWKRMKL_115KV_TB1 55635	46.99 0.17 0.00	40.01 0.26 0.00	34.53 0.37 0.00	34.21 0.59 0.00	32.96 0.55 0.00	33.69 0.57 0.00	32.49 0.55 0.00	32.58 0.47 0.00	31.87 0.37 0.00	31.63 0.29 0.00	34.63 0.08 0.00	33.98 0.05 0.00	36.06 0.15 0.00	40.70 0.12 0.00	46.81 -0.04 0.00	48.59 -0.13 0.00	52.35 -0.12 0.00	51.53 0.05 0.00	54.60 0.27 0.00	56.60 0.43 0.00	68.03 0.20 0.00	53.62 0.16 0.00	55.22 0.16 0.00	42.67 0.18 0.00
NEWTON___FALLS_HYD 23847	47.57 0.75 0.00	40.30 0.54 0.00	34.52 0.36 0.00	33.93 0.31 0.00	32.71 0.31 0.00	33.63 0.50 0.00	32.42 0.48 0.00	32.60 0.49 0.00	31.94 0.45 0.00	31.66 0.33 0.00	34.94 0.39 0.00	34.27 0.34 0.00	36.23 0.32 0.00	41.02 0.44 0.00	47.34 0.50 0.00	49.18 0.46 0.00	53.01 0.55 0.00	52.34 0.86 0.00	55.31 0.98 0.00	57.88 1.71 0.00	70.26 2.43 0.00	55.32 1.86 0.00	56.91 1.84 0.00	43.69 1.21 0.00
NGRID_A1_DSASP 323792	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
NGRID_A2_DSASP 323793	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
NGRID_A4_DSASP 323807	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
NIAGARA_115E_LBMP 323715	43.18 -2.60 1.04	36.22 -2.43 1.10	32.03 -2.12 0.01	31.21 -2.40 0.00	30.04 -2.37 0.00	30.62 -2.45 0.06	29.37 -2.56 0.00	29.13 -2.98 0.00	29.07 -2.42 0.00	29.26 -2.08 0.00	32.47 -2.07 0.00	32.00 -1.93 0.00	33.77 -2.14 0.00	38.29 -2.29 0.00	44.08 -2.77 0.00	46.36 -2.36 0.00	49.82 -2.65 0.00	48.12 -3.36 0.00	50.80 -3.53 0.00	52.99 -3.18 0.00	63.72 -4.11 0.00	47.66 -3.14 2.66	49.52 -2.71 2.84	36.35 -2.33 3.80
NIAGARA_115W_LBMP 323714	43.33 -2.43 1.06	36.33 -2.30 1.12	31.97 -2.18 0.01	31.18 -2.44 0.00	30.02 -2.38 0.00	30.56 -2.50 0.06	29.35 -2.59 0.00	29.13 -2.98 0.00	29.11 -2.38 0.00	29.32 -2.02 0.00	32.55 -2.00 0.00	32.05 -1.88 0.00	33.82 -2.09 0.00	38.34 -2.24 0.00	44.12 -2.73 0.00	46.40 -2.32 0.00	49.85 -2.62 0.00	48.41 -3.07 0.00	51.09 -3.24 0.00	53.23 -2.94 0.00	64.01 -3.82 0.00	48.10 -2.65 2.72	50.08 -2.08 2.90	36.84 -1.77 3.87
NIAGARA_230_LBMP 323716	43.65 -2.13 1.05	36.57 -2.07 1.12	32.24 -1.91 0.01	31.45 -2.17 0.00	30.29 -2.12 0.00	30.84 -2.22 0.06	29.61 -2.32 0.00	29.41 -2.70 0.00	29.36 -2.12 0.00	29.60 -1.75 0.00	32.84 -1.70 0.00	32.30 -1.63 0.00	34.09 -1.82 0.00	38.66 -1.92 0.00	44.53 -2.32 0.00	46.84 -1.88 0.00	50.29 -2.18 0.00	48.84 -2.64 0.00	51.57 -2.76 0.00	53.75 -2.42 0.00	64.62 -3.21 0.00	48.36 -2.40 2.70	50.25 -1.94 2.87	36.94 -1.70 3.84
NIAGARA___115KV_198_GIBSON 55903	44.39 -2.43 0.00	37.45 -2.30 0.00	31.98 -2.18 0.00	31.18 -2.44 0.00	30.02 -2.38 0.00	30.63 -2.50 0.00	29.35 -2.59 0.00	29.13 -2.98 0.00	29.11 -2.38 0.00	29.33 -2.02 0.00	32.56 -1.99 0.00	32.07 -1.86 0.00	33.83 -2.09 0.00	38.34 -2.24 0.00	44.12 -2.72 0.00	46.42 -2.30 0.00	49.85 -2.62 0.00	48.43 -3.06 0.00	51.09 -3.24 0.00	53.21 -2.96 0.00	64.00 -3.83 0.00	50.81 -2.65 0.00	52.97 -2.10 0.00	40.70 -1.78 0.00
NIAGARA____ 23760	43.65 -2.13 1.05	36.58 -2.07 1.11	32.24 -1.91 0.01	31.45 -2.17 0.00	30.29 -2.12 0.00	30.84 -2.22 0.06	29.61 -2.32 0.00	29.41 -2.70 0.00	29.36 -2.12 0.00	29.60 -1.75 0.00	32.84 -1.70 0.00	32.30 -1.63 0.00	34.09 -1.82 0.00	38.66 -1.92 0.00	44.53 -2.32 0.00	46.84 -1.88 0.00	50.29 -2.18 0.00	48.84 -2.64 0.00	51.57 -2.76 0.00	53.75 -2.42 0.00	64.62 -3.21 0.00	48.38 -2.40 2.68	50.27 -1.94 2.86	36.96 -1.70 3.82
NINE_MILE_1 23575	45.38 -1.44 0.00	38.58 -1.17 0.00	33.12 -1.04 0.00	32.57 -1.04 0.00	31.40 -1.01 0.00	32.10 -1.03 0.00	30.92 -1.02 0.00	31.03 -1.08 0.00	30.47 -1.02 0.00	30.36 -0.99 0.00	33.47 -1.08 0.00	32.83 -1.10 0.00	34.65 -1.26 0.00	39.10 -1.47 0.00	45.17 -1.67 0.00	47.05 -1.67 0.00	50.70 -1.77 0.00	49.73 -1.74 0.00	52.61 -1.72 0.00	54.52 -1.64 0.00	65.73 -2.10 0.00	51.73 -1.73 0.00	53.24 -1.82 0.00	41.07 -1.41 0.00

NINE_MILE_2 23744	45.38 -1.44 0.00	38.58 -1.17 0.00	33.13 -1.03 0.00	32.57 -1.04 0.00	31.40 -1.00 0.00	32.10 -1.03 0.00	30.93 -1.01 0.00	31.03 -1.08 0.00	30.47 -1.02 0.00	30.36 -0.99 0.00	33.47 -1.08 0.00	32.84 -1.10 0.00	34.65 -1.26 0.00	39.10 -1.48 0.00	45.17 -1.67 0.00	47.05 -1.67 0.00	50.69 -1.78 0.00	49.73 -1.74 0.00	52.61 -1.72 0.00	54.52 -1.65 0.00	65.73 -2.10 0.00	51.73 -1.73 0.00	53.23 -1.83 0.00	41.07 -1.42 0.00
NM_CAPITAL___DRP 24208	47.04 0.21 0.00	40.06 0.31 0.00	34.57 0.41 0.00	34.21 0.59 0.00	32.97 0.57 0.00	33.70 0.57 0.00	32.50 0.56 0.00	32.58 0.47 0.00	31.87 0.38 0.00	31.65 0.31 0.00	34.65 0.10 0.00	33.98 0.05 0.00	36.05 0.13 0.00	40.70 0.12 0.00	46.81 -0.04 0.00	48.56 -0.15 0.00	52.30 -0.16 0.00	51.45 -0.03 0.00	54.52 0.19 0.00	56.53 0.36 0.00	67.95 0.12 0.00	53.59 0.13 0.00	55.22 0.16 0.00	42.66 0.18 0.00
NM_CENTRAL___DRP 24181	46.35 -0.47 0.00	39.32 -0.43 0.00	33.75 -0.41 0.00	33.17 -0.45 0.00	31.97 -0.43 0.00	32.69 -0.44 0.00	31.48 -0.46 0.00	31.58 -0.53 0.00	31.01 -0.48 0.00	30.92 -0.41 0.00	34.12 -0.43 0.00	33.48 -0.45 0.00	35.38 -0.53 0.00	40.03 -0.54 0.00	46.28 -0.57 0.00	48.27 -0.44 0.00	52.06 -0.40 0.00	51.08 -0.40 0.00	54.14 -0.19 0.00	56.09 -0.08 0.00	67.54 -0.28 0.00	53.08 -0.38 0.00	54.61 -0.46 0.00	42.05 -0.43 0.00
NM_FRONTIER___DRP 24179	44.39 -2.43 0.00	37.45 -2.30 0.00	31.98 -2.18 0.00	31.18 -2.44 0.00	30.02 -2.38 0.00	30.63 -2.50 0.00	29.35 -2.59 0.00	29.13 -2.98 0.00	29.11 -2.38 0.00	29.33 -2.02 0.00	32.56 -1.99 0.00	32.07 -1.86 0.00	33.83 -2.09 0.00	38.34 -2.24 0.00	44.12 -2.72 0.00	46.42 -2.30 0.00	49.85 -2.62 0.00	48.43 -3.06 0.00	51.09 -3.24 0.00	53.21 -2.96 0.00	64.00 -3.83 0.00	50.81 -2.65 0.00	52.97 -2.10 0.00	40.70 -1.78 0.00
NM_ST_REGIS___HYD 24053	47.63 0.80 0.00	40.35 0.60 0.00	34.61 0.45 0.00	33.96 0.34 0.00	32.71 0.30 0.00	33.46 0.33 0.00	32.29 0.34 0.00	32.60 0.49 0.00	32.00 0.51 0.00	31.77 0.42 0.00	35.05 0.51 0.00	34.42 0.49 0.00	36.41 0.50 0.00	41.12 0.54 0.00	47.50 0.66 0.00	49.40 0.68 0.00	53.30 0.83 0.00	52.56 1.08 0.00	55.00 0.67 0.00	56.99 0.82 0.00	69.04 1.21 0.00	54.35 0.89 0.00	56.02 0.96 0.00	43.19 0.71 0.00
NORTHPORT___1 23551	48.73 1.91 0.00	41.13 1.38 0.00	35.34 1.18 0.00	35.01 1.39 0.00	33.73 1.32 0.00	34.31 1.18 0.00	33.24 1.30 0.00	33.30 1.19 0.00	32.65 1.16 0.00	32.74 1.40 0.00	36.15 1.61 0.00	35.62 1.69 0.00	38.03 2.12 0.00	42.99 2.41 0.00	49.35 2.50 0.00	51.12 2.40 0.00	54.77 2.30 0.00	53.51 2.03 0.00	57.07 2.74 0.00	58.49 2.32 0.00	70.25 2.42 0.00	55.17 1.71 0.00	56.58 1.52 0.00	44.50 2.02 0.00
NORTHPORT___2 23552	48.73 1.91 0.00	41.13 1.38 0.00	35.34 1.18 0.00	35.01 1.39 0.00	33.73 1.32 0.00	34.31 1.18 0.00	33.24 1.30 0.00	33.30 1.19 0.00	32.65 1.16 0.00	32.74 1.40 0.00	36.15 1.61 0.00	35.62 1.69 0.00	38.03 2.12 0.00	42.99 2.41 0.00	49.35 2.50 0.00	51.12 2.40 0.00	54.77 2.30 0.00	53.51 2.03 0.00	57.07 2.74 0.00	58.49 2.32 0.00	70.25 2.42 0.00	55.17 1.71 0.00	56.58 1.52 0.00	44.50 2.02 0.00
NORTHPORT___3 23553	48.70 1.88 0.00	41.12 1.37 0.00	35.33 1.17 0.00	34.99 1.37 0.00	33.72 1.32 0.00	34.29 1.17 0.00	33.22 1.28 0.00	33.29 1.18 0.00	32.64 1.15 0.00	32.73 1.39 0.00	36.16 1.62 0.00	35.63 1.70 0.00	38.06 2.14 0.00	43.01 2.43 0.00	49.38 2.54 0.00	51.14 2.42 0.00	54.78 2.31 0.00	53.53 2.05 0.00	57.08 2.74 0.00	58.50 2.33 0.00	70.26 2.43 0.00	55.17 1.71 0.00	56.58 1.52 0.00	44.48 2.00 0.00
NORTHPORT___4 23650	48.70 1.88 0.00	41.12 1.37 0.00	35.33 1.17 0.00	34.99 1.37 0.00	33.72 1.32 0.00	34.29 1.17 0.00	33.22 1.28 0.00	33.29 1.18 0.00	32.64 1.15 0.00	32.73 1.39 0.00	36.16 1.62 0.00	35.63 1.70 0.00	38.06 2.14 0.00	43.01 2.43 0.00	49.38 2.54 0.00	51.14 2.42 0.00	54.78 2.31 0.00	53.53 2.05 0.00	57.08 2.74 0.00	58.50 2.33 0.00	70.26 2.43 0.00	55.17 1.71 0.00	56.58 1.52 0.00	44.48 2.00 0.00
NORTHPORT___IC 23718	48.73 1.90 0.00	41.13 1.38 0.00	35.34 1.18 0.00	35.01 1.40 0.00	33.73 1.32 0.00	34.31 1.18 0.00	33.24 1.30 0.00	33.30 1.19 0.00	32.65 1.16 0.00	32.74 1.40 0.00	36.15 1.60 0.00	35.62 1.69 0.00	38.03 2.12 0.00	42.98 2.41 0.00	49.35 2.51 0.00	51.12 2.40 0.00	54.76 2.29 0.00	53.50 2.03 0.00	57.07 2.74 0.00	58.49 2.32 0.00	70.25 2.42 0.00	55.17 1.71 0.00	56.57 1.51 0.00	44.51 2.02 0.00
NORTH___COUNTRY_ESR 323785	47.24 0.42 0.00	40.08 0.32 0.00	34.41 0.25 0.00	33.77 0.15 0.00	32.49 0.09 0.00	33.18 0.06 0.00	32.03 0.09 0.00	32.36 0.25 0.00	31.82 0.33 0.00	31.64 0.30 0.00	34.94 0.40 0.00	34.35 0.42 0.00	36.37 0.46 0.00	41.03 0.46 0.00	47.38 0.53 0.00	49.24 0.53 0.00	53.08 0.61 0.00	52.23 0.75 0.00	54.71 0.38 0.00	56.35 0.18 0.00	68.02 0.19 0.00	53.57 0.10 0.00	55.20 0.14 0.00	42.66 0.17 0.00
NPX_GEN_1385_PROXY 323591	48.22 1.40 0.00	40.78 1.03 0.00	35.19 1.03 0.00	35.01 1.39 0.00	33.72 1.32 0.00	34.18 1.05 0.00	33.32 1.38 0.00	33.16 1.05 0.00	32.21 0.80 0.08	32.36 1.02 0.00	35.35 0.80 0.00	34.67 0.74 0.00	17.46 1.08 19.53	18.30 1.24 23.51	25.87 1.15 22.13	33.91 0.99 15.79	53.39 0.93 0.00	52.11 0.63 0.00	55.66 1.33 0.00	57.14 0.97 0.00	68.70 0.87 0.00	54.16 0.70 0.00	55.54 0.48 0.00	43.77 1.43 0.15
NPX_GEN_CSC 323557	49.20 2.38 0.00	41.07 1.31 0.00	35.30 1.14 0.00	35.13 1.51 0.00	33.86 1.45 0.00	34.47 1.34 0.00	33.54 1.60 0.00	33.55 1.44 0.00	32.84 1.43 0.08	33.04 1.70 0.00	36.49 1.95 0.00	35.79 1.86 0.00	38.23 2.32 0.00	43.00 2.43 0.00	49.51 2.67 0.00	51.46 2.74 0.00	54.96 2.49 0.00	54.06 2.58 0.00	57.90 3.57 0.00	59.01 2.84 0.00	70.71 2.88 0.00	55.79 2.33 0.00	57.11 2.05 0.00	44.68 2.35 0.15
NSINS_S_GLNS_FALLS 23858	48.80 1.97 0.00	41.54 1.79 0.00	35.68 1.52 0.00	35.07 1.46 0.00	33.78 1.38 0.00	34.56 1.43 0.00	33.33 1.39 0.00	33.31 1.20 0.00	32.29 0.80 0.00	31.95 0.61 0.00	35.02 0.47 0.00	34.45 0.52 0.00	36.65 0.73 0.00	41.20 0.63 0.00	47.42 0.58 0.00	49.14 0.43 0.00	53.06 0.60 0.00	52.73 1.25 0.00	56.79 2.46 0.00	59.09 2.92 0.00	71.35 3.52 0.00	56.16 2.70 0.00	57.82 2.75 0.00	44.50 2.02 0.00
NUCOR_STEEL___DRP 24197	46.96 0.14 0.00	39.82 0.07 0.00	34.03 -0.13 0.00	33.53 -0.09 0.00	32.34 -0.06 0.00	33.10 -0.03 0.00	31.87 -0.07 0.00	31.81 -0.30 0.00	31.29 -0.20 0.00	31.15 -0.19 0.00	34.31 -0.24 0.00	33.65 -0.28 0.00	35.59 -0.33 0.00	40.14 -0.43 0.00	46.57 -0.28 0.00	48.50 -0.22 0.00	52.45 -0.02 0.00	51.59 0.11 0.00	54.50 0.17 0.00	56.87 0.70 0.00	68.30 0.47 0.00	53.84 0.38 0.00	55.35 0.28 0.00	42.46 -0.03 0.00

NUMBER_THREE_WT_PWR 323818	47.55 0.73 0.00	40.32 0.57 0.00	34.52 0.36 0.00	33.99 0.37 0.00	32.77 0.37 0.00	33.89 0.76 0.00	32.66 0.72 0.00	32.73 0.62 0.00	32.04 0.55 0.00	31.77 0.42 0.00	35.05 0.51 0.00	34.30 0.37 0.00	36.26 0.35 0.00	41.19 0.61 0.00	47.52 0.67 0.00	49.36 0.65 0.00	53.11 0.64 0.00	52.43 0.95 0.00	55.86 1.53 0.00	58.75 2.58 0.00	71.44 3.62 0.00	56.26 2.79 0.00	57.75 2.69 0.00	44.26 1.77 0.00
NYISO_LBMP_REFERENCE 24008	46.83 0.00 0.00	39.75 0.00 0.00	34.16 0.00 0.00	33.62 0.00 0.00	32.40 0.00 0.00	33.13 0.00 0.00	31.94 0.00 0.00	32.11 0.00 0.00	31.49 0.00 0.00	31.34 0.00 0.00	34.55 0.00 0.00	33.93 0.00 0.00	35.91 0.00 0.00	40.58 0.00 0.00	46.85 0.00 0.00	48.72 0.00 0.00	52.47 0.00 0.00	51.48 0.00 0.00	54.33 0.00 0.00	56.17 0.00 0.00	67.83 0.00 0.00	53.46 0.00 0.00	55.06 0.00 0.00	42.48 0.00 0.00
NYPA_BRENTWD____GT 24164	49.37 2.54 0.00	41.57 1.82 0.00	35.71 1.55 0.00	35.37 1.75 0.00	34.07 1.67 0.00	34.68 1.55 0.00	33.58 1.64 0.00	33.64 1.53 0.00	33.00 1.51 0.00	33.09 1.76 0.00	36.57 2.03 0.00	36.05 2.12 0.00	38.52 2.60 0.00	43.55 2.98 0.00	50.09 3.24 0.00	52.00 3.28 0.00	55.80 3.33 0.00	54.50 3.02 0.00	58.04 3.71 0.00	59.47 3.30 0.00	71.37 3.54 0.00	56.03 2.57 0.00	57.47 2.41 0.00	45.17 2.69 0.00
NYPA_GOWANUS____GT5 24156	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.39 2.91 0.00	57.89 3.56 0.00	59.88 3.71 0.00	72.12 4.29 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
NYPA_GOWANUS____GT6 24157	48.70 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.16 0.00	33.10 1.16 0.00	33.28 1.17 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.24 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.91 3.44 0.00	54.39 2.91 0.00	57.89 3.56 0.00	59.88 3.71 0.00	72.12 4.29 0.00	56.40 2.94 0.00	57.76 2.69 0.00	44.80 2.32 0.00
NYPA_HARLEM_RVR_GT1 24160	48.56 1.74 0.00	41.17 1.42 0.00	35.35 1.19 0.00	34.83 1.21 0.00	33.63 1.22 0.00	34.24 1.11 0.00	33.05 1.11 0.00	33.26 1.15 0.00	32.62 1.13 0.00	32.63 1.30 0.00	36.07 1.53 0.00	35.64 1.71 0.00	37.95 2.04 0.00	43.04 2.47 0.00	49.82 2.98 0.00	51.70 2.98 0.00	55.48 3.02 0.01	54.07 2.61 0.02	57.50 3.19 0.02	59.53 3.38 0.02	71.62 3.81 0.02	56.03 2.58 0.02	57.46 2.40 0.01	44.58 2.10 0.00
NYPA_HARLEM_RVR_GT2 24161	48.56 1.74 0.00	41.17 1.42 0.00	35.35 1.19 0.00	34.83 1.21 0.00	33.63 1.22 0.00	34.24 1.11 0.00	33.05 1.11 0.00	33.26 1.15 0.00	32.62 1.13 0.00	32.63 1.30 0.00	36.07 1.53 0.00	35.64 1.71 0.00	37.95 2.04 0.00	43.04 2.47 0.00	49.82 2.98 0.00	51.70 2.98 0.00	55.48 3.02 0.01	54.07 2.61 0.02	57.50 3.19 0.02	59.53 3.38 0.02	71.62 3.81 0.02	56.03 2.58 0.02	57.46 2.40 0.01	44.58 2.10 0.00
NYPA_KENT____GT 24152	48.70 1.88 0.00	41.24 1.50 0.00	35.42 1.26 0.00	34.90 1.29 0.00	33.68 1.28 0.00	34.31 1.18 0.00	33.12 1.18 0.00	33.30 1.20 0.00	32.68 1.19 0.00	32.70 1.36 0.00	36.21 1.67 0.00	35.78 1.85 0.00	38.09 2.18 0.00	43.20 2.62 0.00	50.01 3.16 0.00	51.94 3.22 0.00	55.83 3.37 0.00	54.30 2.82 0.00	57.77 3.45 0.00	59.77 3.60 0.00	71.95 4.13 0.00	56.28 2.82 0.00	57.68 2.62 0.00	44.76 2.27 0.00
NYPA_POUCH1____GT 24155	48.73 1.90 0.00	41.27 1.52 0.00	35.44 1.29 0.00	34.92 1.31 0.00	33.69 1.29 0.00	34.32 1.19 0.00	33.13 1.19 0.00	33.30 1.19 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.25 1.70 0.00	35.82 1.88 0.00	38.12 2.21 0.00	43.19 2.62 0.00	50.00 3.15 0.00	51.94 3.23 0.00	55.86 3.40 0.00	54.37 2.89 0.00	57.91 3.58 0.00	59.91 3.75 0.00	72.10 4.27 0.00	56.36 2.90 0.00	57.65 2.58 0.00	44.73 2.25 0.00
NYPA_VERNON____GT2 24162	48.71 1.89 0.00	41.24 1.50 0.00	35.43 1.27 0.00	34.92 1.31 0.00	33.70 1.30 0.00	34.32 1.20 0.00	33.14 1.21 0.00	33.32 1.21 0.00	32.70 1.21 0.00	32.73 1.39 0.00	36.19 1.65 0.00	35.75 1.82 0.00	38.08 2.17 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.92 3.21 0.00	55.74 3.27 0.00	54.21 2.73 0.00	57.65 3.32 0.00	59.61 3.44 0.00	71.80 3.98 0.00	56.17 2.71 0.00	57.59 2.53 0.00	44.69 2.21 0.00
NYPA_VERNON____GT3 24163	48.71 1.89 0.00	41.24 1.50 0.00	35.43 1.27 0.00	34.92 1.31 0.00	33.70 1.30 0.00	34.32 1.20 0.00	33.14 1.21 0.00	33.32 1.21 0.00	32.70 1.21 0.00	32.73 1.39 0.00	36.19 1.65 0.00	35.75 1.82 0.00	38.08 2.17 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.92 3.21 0.00	55.74 3.27 0.00	54.21 2.73 0.00	57.65 3.32 0.00	59.61 3.44 0.00	71.80 3.98 0.00	56.17 2.71 0.00	57.59 2.53 0.00	44.69 2.21 0.00
NYPA____ASTORIA_CC1 323568	48.65 1.82 0.00	41.20 1.45 0.00	35.39 1.23 0.00	34.88 1.26 0.00	33.67 1.26 0.00	34.29 1.16 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.14 1.59 0.00	35.71 1.77 0.00	38.03 2.12 0.00	43.15 2.57 0.00	49.95 3.10 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.22 0.00	59.53 3.36 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.43 0.00	44.64 2.15 0.00
NYPA____ASTORIA_CC2 323569	48.65 1.82 0.00	41.20 1.45 0.00	35.39 1.23 0.00	34.88 1.26 0.00	33.67 1.26 0.00	34.29 1.16 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.35 0.00	36.14 1.59 0.00	35.71 1.77 0.00	38.03 2.12 0.00	43.15 2.57 0.00	49.95 3.10 0.00	51.85 3.13 0.00	55.63 3.17 0.00	54.13 2.65 0.00	57.56 3.22 0.00	59.53 3.36 0.00	71.68 3.85 0.00	56.09 2.63 0.00	57.50 2.43 0.00	44.64 2.15 0.00
NYPA____HOLTSVILL 23794	49.13 2.31 0.00	41.28 1.53 0.00	35.46 1.30 0.00	35.16 1.55 0.00	33.89 1.49 0.00	34.49 1.36 0.00	33.44 1.50 0.00	33.48 1.38 0.00	32.85 1.36 0.00	32.95 1.60 0.00	36.41 1.87 0.00	35.84 1.91 0.00	38.27 2.36 0.00	43.18 2.60 0.00	49.65 2.81 0.00	51.52 2.81 0.00	55.18 2.72 0.00	54.02 2.55 0.00	57.68 3.35 0.00	59.01 2.84 0.00	70.79 2.96 0.00	55.67 2.21 0.00	57.06 2.00 0.00	44.82 2.34 0.00
NYPA____HELLGATE_GT1 24158	48.56 1.74 0.00	41.17 1.42 0.00	35.35 1.19 0.00	34.83 1.21 0.00	33.63 1.22 0.00	34.24 1.11 0.00	33.05 1.11 0.00	33.26 1.15 0.00	32.62 1.13 0.00	32.63 1.30 0.00	36.07 1.53 0.00	35.64 1.71 0.00	37.95 2.04 0.00	43.04 2.47 0.00	49.82 2.98 0.00	51.71 3.00 0.00	55.52 3.05 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.59 3.43 0.00	71.70 3.87 0.00	56.09 2.64 0.00	57.50 2.44 0.00	44.58 2.10 0.00

NYPY____HELLGATE_GT2 24159	48.56 1.74 0.00	41.17 1.42 0.00	35.35 1.19 0.00	34.83 1.21 0.00	33.63 1.22 0.00	34.24 1.11 0.00	33.05 1.11 0.00	33.26 1.15 0.00	32.62 1.13 0.00	32.63 1.30 0.00	36.07 1.53 0.00	35.64 1.71 0.00	37.95 2.04 0.00	43.04 2.47 0.00	49.82 2.98 0.00	51.71 3.00 0.00	55.52 3.05 0.00	54.13 2.65 0.00	57.56 3.23 0.00	59.59 3.43 0.00	71.70 3.87 0.00	56.09 2.64 0.00	57.50 2.44 0.00	44.58 2.10 0.00
NYS_BARGE____HYD 23848	44.08 -1.79 0.95	36.95 -1.79 1.01	32.53 -1.62 0.01	31.71 -1.91 0.00	30.51 -1.89 0.00	31.11 -1.96 0.06	29.83 -2.11 0.00	29.58 -2.53 0.00	29.49 -2.01 0.00	29.67 -1.67 0.00	32.93 -1.62 0.00	32.43 -1.50 0.00	34.24 -1.67 0.00	38.86 -1.72 0.00	44.80 -2.05 0.00	47.12 -1.60 0.00	50.69 -1.78 0.00	49.12 -2.36 0.00	51.90 -2.44 0.00	54.18 -1.98 0.00	65.19 -2.64 0.00	49.05 -1.98 2.44	50.89 -1.57 2.60	37.50 -1.50 3.48
OAK ORCHARD____HYD 24046	45.86 -0.45 0.52	38.60 -0.61 0.54	33.50 -0.65 0.00	32.78 -0.83 0.00	31.56 -0.84 0.00	32.19 -0.91 0.03	30.95 -0.99 0.00	30.86 -1.24 0.00	30.56 -0.93 0.00	30.68 -0.66 0.00	34.01 -0.54 0.00	33.47 -0.46 0.00	35.42 -0.49 0.00	40.18 -0.39 0.00	46.41 -0.43 0.00	48.65 -0.07 0.00	52.42 -0.05 0.00	51.29 -0.19 0.00	54.30 -0.03 0.00	56.50 0.33 0.00	67.92 0.09 0.00	52.13 -0.02 1.32	53.73 0.07 1.41	40.39 -0.21 1.88
OAKDALE__35_KV_LOAD 356122	46.55 -0.27 0.00	39.36 -0.40 0.00	33.76 -0.40 0.00	33.20 -0.42 0.00	32.05 -0.35 0.00	32.78 -0.35 0.00	31.55 -0.39 0.00	31.66 -0.45 0.00	31.07 -0.42 0.00	31.05 -0.30 0.00	34.23 -0.31 0.00	33.60 -0.34 0.00	35.55 -0.36 0.00	40.30 -0.27 0.00	46.62 -0.23 0.00	48.62 -0.09 0.00	52.39 -0.08 0.00	51.25 -0.22 0.00	54.53 0.20 0.00	56.60 0.43 0.00	68.04 0.21 0.00	53.34 -0.12 0.00	54.90 -0.17 0.00	42.24 -0.24 0.00
OCC_CHEM____DRP 24175	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
OH_GEN_PROXY 24063	43.60 -2.09 1.14	36.49 -2.06 1.20	32.25 -1.90 0.01	31.47 -2.14 0.00	30.31 -2.09 0.00	30.87 -2.19 0.07	29.65 -2.28 0.00	29.47 -2.64 0.00	29.34 -2.07 0.08	29.65 -1.69 0.00	32.91 -1.64 0.00	32.35 -1.58 0.00	34.14 -1.77 0.00	38.72 -1.86 0.00	44.62 -2.23 0.00	46.92 -1.80 0.00	50.38 -2.08 0.00	48.96 -2.52 0.00	51.70 -2.63 0.00	53.88 -2.29 0.00	64.77 -3.06 0.00	48.25 -2.31 2.90	50.06 -1.91 3.09	36.52 -1.68 4.29
OLIN_CORP_DRP 24177	44.32 -2.51 0.00	37.38 -2.36 0.00	32.10 -2.06 0.00	31.27 -2.34 0.00	30.09 -2.31 0.00	30.74 -2.39 0.00	29.43 -2.51 0.00	29.19 -2.92 0.00	29.13 -2.36 0.00	29.33 -2.02 0.00	32.56 -1.98 0.00	32.09 -1.84 0.00	33.85 -2.06 0.00	38.38 -2.20 0.00	44.18 -2.67 0.00	46.48 -2.24 0.00	49.94 -2.53 0.00	48.28 -3.20 0.00	50.97 -3.36 0.00	53.14 -3.03 0.00	63.90 -3.93 0.00	50.47 -2.99 0.00	52.51 -2.56 0.00	40.26 -2.22 0.00
OLIN_CORP_DSASP 323712	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
ONEIDA_HERK_LFGE 323681	47.72 0.90 0.00	40.46 0.70 0.00	34.71 0.55 0.00	34.16 0.54 0.00	32.93 0.53 0.00	33.82 0.69 0.00	32.60 0.66 0.00	32.71 0.60 0.00	32.04 0.55 0.00	31.84 0.49 0.00	35.08 0.53 0.00	34.34 0.41 0.00	36.30 0.39 0.00	41.19 0.61 0.00	47.63 0.78 0.00	49.55 0.83 0.00	53.37 0.91 0.00	52.61 1.13 0.00	56.01 1.68 0.00	58.45 2.28 0.00	70.66 2.84 0.00	55.61 2.15 0.00	57.10 2.04 0.00	43.86 1.38 0.00
ONEIDA____115KV_TB4 55905	47.79 0.97 0.00	40.49 0.74 0.00	34.76 0.60 0.00	34.19 0.57 0.00	32.95 0.55 0.00	33.75 0.62 0.00	32.54 0.60 0.00	32.65 0.54 0.00	31.93 0.44 0.00	31.77 0.43 0.00	34.98 0.44 0.00	34.22 0.29 0.00	36.17 0.26 0.00	41.04 0.46 0.00	47.62 0.77 0.00	49.63 0.91 0.00	53.52 1.05 0.00	52.71 1.23 0.00	56.25 1.92 0.00	58.44 2.27 0.00	70.44 2.61 0.00	55.35 1.89 0.00	56.84 1.77 0.00	43.69 1.21 0.00
ONONDAGA_REF_OCCRA 23987	46.64 -0.19 0.00	39.54 -0.21 0.00	33.93 -0.23 0.00	33.35 -0.27 0.00	32.14 -0.26 0.00	32.88 -0.25 0.00	31.66 -0.28 0.00	31.75 -0.35 0.00	31.17 -0.32 0.00	31.07 -0.27 0.00	34.26 -0.29 0.00	33.61 -0.32 0.00	35.52 -0.39 0.00	40.22 -0.35 0.00	46.53 -0.32 0.00	48.54 -0.17 0.00	52.34 -0.12 0.00	51.37 -0.11 0.00	54.52 0.19 0.00	56.48 0.31 0.00	68.02 0.19 0.00	53.45 -0.01 0.00	54.96 -0.10 0.00	42.31 -0.17 0.00
ONONDAGA____COGEN 23986	46.57 -0.26 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.13 -0.28 0.00	32.86 -0.28 0.00	31.64 -0.30 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.30 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.34 0.17 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.82 -0.24 0.00	42.21 -0.28 0.00
ONTARIO____LFGE 23819	46.82 0.00 0.00	39.58 -0.17 0.00	33.89 -0.27 0.00	33.23 -0.39 0.00	32.05 -0.35 0.00	32.76 -0.37 0.00	31.51 -0.43 0.00	31.44 -0.67 0.00	30.86 -0.63 0.00	30.76 -0.58 0.00	33.97 -0.57 0.00	33.32 -0.61 0.00	35.31 -0.60 0.00	40.17 -0.40 0.00	46.50 -0.35 0.00	48.64 -0.08 0.00	52.37 -0.10 0.00	51.37 -0.11 0.00	54.70 0.37 0.00	56.88 0.70 0.00	68.51 0.68 0.00	53.69 0.22 0.00	55.22 0.16 0.00	42.60 0.11 0.00
ORANGEVILLE_WT_PWR 323706	45.47 -0.97 0.39	38.17 -1.17 0.41	32.99 -1.16 0.00	32.23 -1.39 0.00	31.07 -1.34 0.00	31.69 -1.42 0.02	30.36 -1.58 0.00	30.13 -1.98 0.00	29.72 -1.77 0.00	29.92 -1.43 0.00	33.19 -1.36 0.00	32.65 -1.28 0.00	34.53 -1.38 0.00	39.23 -1.34 0.00	45.24 -1.61 0.00	47.46 -1.26 0.00	50.94 -1.53 0.00	49.69 -1.80 0.00	52.84 -1.49 0.00	55.32 -0.85 0.00	66.62 -1.21 0.00	51.44 -1.03 0.99	53.21 -0.79 1.06	40.23 -0.84 1.41
ORANGEVILLE____ESR 323794	45.47 -0.97 0.39	38.17 -1.17 0.41	32.99 -1.16 0.00	32.23 -1.39 0.00	31.07 -1.34 0.00	31.69 -1.42 0.02	30.36 -1.58 0.00	30.13 -1.98 0.00	29.72 -1.77 0.00	29.92 -1.43 0.00	33.19 -1.36 0.00	32.65 -1.28 0.00	34.53 -1.38 0.00	39.23 -1.34 0.00	45.24 -1.61 0.00	47.46 -1.26 0.00	50.94 -1.53 0.00	49.69 -1.80 0.00	52.84 -1.49 0.00	55.32 -0.85 0.00	66.62 -1.21 0.00	51.44 -1.03 0.99	53.21 -0.79 1.06	40.23 -0.84 1.41

OSWEGATCHIE___HYD 24044	47.57 0.75 0.00	40.29 0.54 0.00	34.52 0.36 0.00	33.93 0.31 0.00	32.72 0.31 0.00	33.63 0.50 0.00	32.42 0.48 0.00	32.60 0.49 0.00	31.94 0.45 0.00	31.67 0.33 0.00	34.94 0.39 0.00	34.27 0.34 0.00	36.23 0.32 0.00	41.02 0.44 0.00	47.34 0.49 0.00	49.18 0.46 0.00	53.01 0.54 0.00	52.34 0.86 0.00	55.31 0.98 0.00	57.88 1.71 0.00	70.26 2.44 0.00	55.32 1.86 0.00	56.90 1.84 0.00	43.69 1.21 0.00
OSWEGO___5 23606	45.70 -1.13 0.00	38.82 -0.93 0.00	33.32 -0.84 0.00	32.77 -0.84 0.00	31.59 -0.81 0.00	32.30 -0.83 0.00	31.11 -0.83 0.00	31.22 -0.89 0.00	30.65 -0.84 0.00	30.54 -0.80 0.00	33.68 -0.87 0.00	33.04 -0.90 0.00	34.88 -1.03 0.00	39.38 -1.20 0.00	45.50 -1.34 0.00	47.41 -1.31 0.00	51.08 -1.39 0.00	50.11 -1.37 0.00	53.03 -1.30 0.00	54.96 -1.20 0.00	66.27 -1.56 0.00	52.14 -1.32 0.00	53.66 -1.40 0.00	41.38 -1.11 0.00
OSWEGO___6 23613	45.70 -1.13 0.00	38.82 -0.93 0.00	33.32 -0.84 0.00	32.77 -0.84 0.00	31.59 -0.81 0.00	32.30 -0.83 0.00	31.11 -0.83 0.00	31.22 -0.89 0.00	30.65 -0.84 0.00	30.54 -0.80 0.00	33.68 -0.87 0.00	33.04 -0.90 0.00	34.88 -1.03 0.00	39.38 -1.20 0.00	45.50 -1.34 0.00	47.41 -1.31 0.00	51.08 -1.39 0.00	50.11 -1.37 0.00	53.03 -1.30 0.00	54.96 -1.20 0.00	66.27 -1.56 0.00	52.14 -1.32 0.00	53.66 -1.40 0.00	41.38 -1.11 0.00
OUTOKUMPU-AB___DRP 24206	45.46 -1.36 0.00	38.28 -1.47 0.00	32.72 -1.43 0.00	31.91 -1.71 0.00	30.71 -1.70 0.00	31.35 -1.78 0.00	30.01 -1.92 0.00	29.81 -2.30 0.00	29.75 -1.75 0.00	29.98 -1.36 0.00	33.30 -1.25 0.00	32.83 -1.11 0.00	34.65 -1.26 0.00	39.33 -1.24 0.00	45.35 -1.50 0.00	47.71 -1.01 0.00	51.26 -1.21 0.00	49.80 -1.68 0.00	52.60 -1.74 0.00	54.84 -1.33 0.00	65.92 -1.91 0.00	52.10 -1.37 0.00	54.16 -0.90 0.00	41.51 -0.97 0.00
OXBOW___BTM 323836	43.88 -1.88 1.07	36.75 -1.87 1.13	32.34 -1.81 0.01	31.54 -2.08 0.00	30.35 -2.05 0.00	30.91 -2.15 0.06	29.67 -2.27 0.00	29.47 -2.64 0.00	29.42 -2.07 0.00	29.65 -1.69 0.00	32.93 -1.61 0.00	32.44 -1.49 0.00	34.26 -1.65 0.00	38.87 -1.70 0.00	44.79 -2.06 0.00	47.11 -1.61 0.00	50.62 -1.85 0.00	49.17 -2.31 0.00	51.91 -2.42 0.00	54.12 -2.05 0.00	65.04 -2.79 0.00	48.79 -1.95 2.73	50.71 -1.44 2.91	37.25 -1.34 3.89
OXBOW___ 24026	44.94 -1.88 0.00	37.87 -1.88 0.00	32.35 -1.81 0.00	31.54 -2.08 0.00	30.35 -2.05 0.00	30.98 -2.15 0.00	29.67 -2.27 0.00	29.47 -2.64 0.00	29.42 -2.07 0.00	29.65 -1.69 0.00	32.94 -1.61 0.00	32.47 -1.46 0.00	34.27 -1.64 0.00	38.87 -1.70 0.00	44.79 -2.06 0.00	47.13 -1.59 0.00	50.62 -1.84 0.00	49.18 -2.30 0.00	51.91 -2.42 0.00	54.10 -2.07 0.00	65.03 -2.80 0.00	51.51 -1.95 0.00	53.60 -1.47 0.00	41.12 -1.36 0.00
OXY_CHEM_DSASP 323612	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
OZONE_PARK_ESR 323760	49.21 2.39 0.00	41.62 1.87 0.00	35.73 1.57 0.00	35.23 1.61 0.00	33.97 1.57 0.00	34.60 1.47 0.00	33.38 1.44 0.00	33.56 1.45 0.00	32.94 1.45 0.00	32.98 1.64 0.00	36.47 1.92 0.00	36.02 2.09 0.00	38.39 2.48 0.00	43.62 3.04 0.00	50.48 3.64 0.00	52.46 3.74 0.00	56.38 3.92 0.00	54.86 3.38 0.00	58.38 4.05 0.00	60.35 4.18 0.00	72.63 4.80 0.00	56.84 3.38 0.00	58.31 3.24 0.00	45.13 2.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.46 -2.36 0.00	37.51 -2.24 0.00	32.04 -2.12 0.00	31.24 -2.38 0.00	30.07 -2.34 0.00	30.68 -2.45 0.00	29.39 -2.55 0.00	29.18 -2.93 0.00	29.16 -2.34 0.00	29.37 -1.97 0.00	32.63 -1.92 0.00	32.13 -1.80 0.00	33.90 -2.02 0.00	38.41 -2.16 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	49.97 -2.50 0.00	48.53 -2.95 0.00	51.21 -3.13 0.00	53.33 -2.84 0.00	64.14 -3.69 0.00	50.90 -2.56 0.00	53.06 -2.01 0.00	40.75 -1.73 0.00
PACKARD___115KV_DUPONT_184 80571	43.41 -2.35 1.06	36.38 -2.24 1.13	32.03 -2.12 0.01	31.24 -2.38 0.00	30.07 -2.34 0.00	30.61 -2.45 0.06	29.39 -2.54 0.00	29.18 -2.93 0.00	29.16 -2.33 0.00	29.38 -1.96 0.00	32.62 -1.92 0.00	32.11 -1.82 0.00	33.89 -2.03 0.00	38.42 -2.16 0.00	44.22 -2.63 0.00	46.51 -2.20 0.00	49.96 -2.51 0.00	48.52 -2.96 0.00	51.20 -3.12 0.00	53.35 -2.82 0.00	64.15 -3.68 0.00	48.18 -2.56 2.72	50.17 -2.00 2.90	36.89 -1.72 3.88
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.67 1.84 0.00	41.27 1.52 0.00	35.44 1.28 0.00	34.92 1.31 0.00	33.71 1.31 0.00	34.33 1.20 0.00	33.14 1.20 0.00	33.32 1.21 0.00	32.69 1.20 0.00	32.68 1.34 0.00	36.13 1.59 0.00	35.68 1.75 0.00	37.99 2.09 0.00	43.09 2.52 0.00	49.91 3.06 0.00	51.79 3.08 0.00	55.64 3.17 0.00	54.25 2.77 0.00	57.72 3.39 0.00	59.76 3.59 0.00	71.86 4.03 0.00	56.23 2.77 0.00	57.65 2.58 0.00	44.66 2.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.69 2.87 0.00	42.15 2.40 0.00	36.15 1.99 0.00	35.66 2.05 0.00	34.43 2.03 0.00	35.08 1.95 0.00	33.86 1.92 0.00	34.02 1.91 0.00	33.39 1.90 0.00	33.42 2.08 0.00	36.96 2.42 0.00	36.46 2.53 0.00	38.84 2.93 0.00	44.05 3.48 0.00	50.98 4.13 0.00	52.93 4.21 0.00	56.85 4.39 0.00	55.47 3.99 0.00	58.97 4.64 0.00	61.08 4.91 0.00	73.47 5.64 0.00	57.47 4.01 0.00	58.89 3.82 0.00	45.63 3.15 0.00
PATROON___115KV_TB1 80586	47.14 0.32 0.00	40.13 0.38 0.00	34.63 0.47 0.00	34.29 0.67 0.00	33.04 0.64 0.00	33.77 0.64 0.00	32.56 0.62 0.00	32.65 0.55 0.00	31.95 0.45 0.00	31.72 0.37 0.00	34.73 0.19 0.00	34.09 0.15 0.00	36.17 0.26 0.00	40.81 0.24 0.00	46.95 0.10 0.00	48.75 0.04 0.00	52.54 0.07 0.00	51.70 0.22 0.00	54.82 0.49 0.00	56.82 0.65 0.00	68.30 0.47 0.00	53.81 0.35 0.00	55.40 0.34 0.00	42.80 0.32 0.00
PATTRSNVILLE___SOLAR 323815	48.08 1.26 0.00	40.82 1.07 0.00	35.08 0.92 0.00	34.52 0.90 0.00	33.27 0.87 0.00	34.03 0.90 0.00	32.75 0.81 0.00	32.74 0.64 0.00	31.91 0.42 0.00	31.61 0.27 0.00	34.81 0.27 0.00	34.20 0.27 0.00	36.10 0.19 0.00	40.69 0.12 0.00	46.95 0.11 0.00	48.82 0.11 0.00	52.67 0.20 0.00	52.03 0.55 0.00	55.57 1.24 0.00	58.05 1.89 0.00	69.99 2.16 0.00	55.10 1.64 0.00	56.68 1.62 0.00	43.69 1.20 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.95 -0.88 0.00	38.63 -1.12 0.00	33.00 -1.16 0.00	32.20 -1.42 0.00	31.03 -1.37 0.00	31.68 -1.45 0.00	30.34 -1.60 0.00	30.19 -1.92 0.00	30.03 -1.46 0.00	30.29 -1.05 0.00	33.67 -0.88 0.00	33.11 -0.82 0.00	34.97 -0.94 0.00	39.74 -0.84 0.00	45.87 -0.98 0.00	48.23 -0.49 0.00	51.84 -0.63 0.00	50.41 -1.07 0.00	53.37 -0.96 0.00	55.63 -0.54 0.00	66.78 -1.05 0.00	52.62 -0.84 0.00	54.54 -0.52 0.00	41.83 -0.65 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.70 1.88 0.00	41.23 1.48 0.00	35.42 1.27 0.00	34.92 1.31 0.00	33.69 1.29 0.00	34.33 1.20 0.00	33.10 1.16 0.00	33.27 1.16 0.00	32.62 1.13 0.00	32.59 1.25 0.00	36.03 1.49 0.00	35.56 1.63 0.00	37.88 1.97 0.00	43.04 2.46 0.00	49.82 2.97 0.00	51.80 3.08 0.00	55.75 3.28 0.00	54.45 2.97 0.00	57.95 3.62 0.00	59.90 3.74 0.00	72.00 4.17 0.00	56.31 2.85 0.00	57.71 2.65 0.00	44.55 2.07 0.00
PEEKSKILL____ 23653	48.35 1.52 0.00	40.92 1.16 0.00	35.16 1.00 0.00	34.68 1.06 0.00	33.45 1.05 0.00	34.09 0.96 0.00	32.87 0.93 0.00	33.03 0.93 0.00	32.38 0.89 0.00	32.38 1.04 0.00	35.80 1.25 0.00	35.33 1.40 0.00	37.62 1.71 0.00	42.73 2.15 0.00	49.42 2.57 0.00	51.33 2.61 0.00	55.21 2.75 0.00	53.83 2.35 0.00	57.32 2.99 0.00	59.25 3.09 0.00	71.27 3.44 0.00	55.75 2.28 0.00	57.19 2.13 0.00	44.21 1.73 0.00
PGE MADISON__WINDPWR 24146	48.63 1.81 0.00	41.05 1.30 0.00	35.24 1.08 0.00	34.83 1.21 0.00	33.78 1.37 0.00	34.54 1.41 0.00	33.32 1.38 0.00	33.61 1.50 0.00	33.10 1.61 0.00	32.83 1.49 0.00	35.93 1.39 0.00	34.79 0.86 0.00	36.68 0.77 0.00	41.49 0.92 0.00	48.56 1.71 0.00	51.39 2.67 0.00	55.35 2.89 0.00	55.18 3.70 0.00	58.67 4.35 0.00	61.30 5.13 0.00	73.84 6.01 0.00	57.97 4.51 0.00	59.37 4.31 0.00	45.53 3.05 0.00
PIERCEFIELD__HYD 23852	47.49 0.67 0.00	40.23 0.48 0.00	34.51 0.35 0.00	33.88 0.26 0.00	32.63 0.23 0.00	33.40 0.27 0.00	32.22 0.28 0.00	32.55 0.45 0.00	31.92 0.43 0.00	31.64 0.30 0.00	34.92 0.37 0.00	34.31 0.38 0.00	36.29 0.38 0.00	40.97 0.40 0.00	47.36 0.51 0.00	49.24 0.52 0.00	53.11 0.64 0.00	52.34 0.86 0.00	54.81 0.49 0.00	56.87 0.70 0.00	68.89 1.06 0.00	54.25 0.79 0.00	55.96 0.90 0.00	43.12 0.63 0.00
PINELAWN_CC_1 323563	49.16 2.33 0.00	41.44 1.69 0.00	35.58 1.42 0.00	35.20 1.58 0.00	33.93 1.53 0.00	34.52 1.39 0.00	33.40 1.46 0.00	33.49 1.39 0.00	32.84 1.35 0.00	32.93 1.58 0.00	36.38 1.84 0.00	35.86 1.93 0.00	38.29 2.38 0.00	43.35 2.78 0.00	49.89 3.04 0.00	51.80 3.08 0.00	55.62 3.15 0.00	54.38 2.90 0.00	58.02 3.69 0.00	59.53 3.36 0.00	71.47 3.64 0.00	56.09 2.63 0.00	57.47 2.40 0.00	44.99 2.51 0.00
PJM_GEN_HTP_PROXY 323702	48.65 1.83 0.00	41.15 1.40 0.00	35.36 1.20 0.00	34.87 1.25 0.00	33.64 1.23 0.00	34.26 1.14 0.00	33.06 1.12 0.00	33.24 1.13 0.00	32.61 1.12 0.00	33.94 1.29 -1.31	36.08 1.54 0.00	35.62 1.69 0.00	38.01 2.05 -0.06	43.11 2.54 0.00	49.88 3.03 0.00	51.80 3.09 0.00	55.67 3.20 0.00	54.17 2.70 0.00	57.66 3.33 0.00	59.59 3.42 0.00	71.72 3.89 0.00	56.10 2.64 0.00	57.56 2.49 0.00	42.66 2.08 1.91
PJM_GEN_KEystone 24065	45.49 -0.11 1.23	25.64 -0.35 13.76	23.24 -0.36 10.55	21.59 -0.37 11.65	19.57 -0.33 12.50	20.63 -0.40 12.10	31.49 -0.45 0.00	31.54 -0.57 0.00	21.91 -0.44 9.14	30.72 -0.18 0.44	35.46 -0.03 -0.95	35.32 0.03 -1.36	36.06 0.09 -0.06	40.91 0.33 0.00	47.28 0.43 0.00	49.27 0.56 0.00	53.03 0.56 0.00	51.61 0.13 0.00	56.27 0.66 -1.27	57.38 0.88 -0.33	64.87 0.68 3.64	44.99 0.12 8.59	51.84 0.12 3.34	36.09 0.01 6.40
PJM_GEN_NEPTUNE_PROXY 323594	48.57 1.75 0.00	41.03 1.28 0.00	35.25 1.09 0.00	34.86 1.24 0.00	33.60 1.20 0.00	34.19 1.07 0.00	33.06 1.12 0.00	33.18 1.08 0.00	32.55 1.06 0.00	33.93 1.28 -1.31	36.08 1.54 0.00	35.59 1.66 0.00	38.04 2.07 -0.06	42.99 2.41 0.00	49.51 2.66 0.00	51.39 2.67 0.00	55.19 2.72 0.00	53.87 2.40 0.00	57.40 3.07 0.00	58.95 2.78 0.00	70.87 3.04 0.00	55.59 2.13 0.00	56.99 1.93 0.00	42.61 2.03 1.91
PJM_GEN_VFT_PROXY 323633	48.62 1.79 0.00	41.14 1.38 0.00	35.34 1.19 0.00	34.84 1.23 0.00	33.61 1.21 0.00	34.24 1.11 0.00	33.03 1.09 0.00	33.21 1.10 0.00	32.58 1.09 0.00	33.91 1.26 -1.31	36.05 1.50 0.00	35.60 1.67 0.00	38.00 2.02 -0.06	43.11 2.53 0.00	49.88 3.04 0.00	51.81 3.10 0.00	55.72 3.25 0.00	54.22 2.74 0.00	57.75 3.42 0.00	59.70 3.53 0.00	71.81 3.98 0.00	56.13 2.67 0.00	57.57 2.50 0.00	42.64 2.07 1.91
PLATSBURG_115KV_PMLD1 355749	47.72 0.90 0.00	40.51 0.76 0.00	34.80 0.64 0.00	34.16 0.54 0.00	32.88 0.47 0.00	33.58 0.45 0.00	32.40 0.46 0.00	32.67 0.56 0.00	32.06 0.57 0.00	31.87 0.53 0.00	35.20 0.66 0.00	34.59 0.66 0.00	36.71 0.80 0.00	41.42 0.85 0.00	47.89 1.04 0.00	49.77 1.05 0.00	53.58 1.11 0.00	52.84 1.36 0.00	55.42 1.09 0.00	57.17 1.00 0.00	68.98 1.15 0.00	54.15 0.69 0.00	55.86 0.79 0.00	43.15 0.67 0.00
PLEASANTVLY__LBMP 24000	48.04 1.22 0.00	40.73 0.98 0.00	35.03 0.87 0.00	34.56 0.94 0.00	33.35 0.95 0.00	33.99 0.86 0.00	32.76 0.82 0.00	32.92 0.81 0.00	32.23 0.74 0.00	32.17 0.83 0.00	35.53 0.98 0.00	35.04 1.12 0.00	37.30 1.39 0.00	42.32 1.75 0.00	48.91 2.06 0.00	50.78 2.06 0.00	54.60 2.13 0.00	53.29 1.81 0.00	56.69 2.36 0.00	58.64 2.47 0.00	70.52 2.69 0.00	55.23 1.77 0.00	56.70 1.63 0.00	43.84 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.46 1.64 0.00	41.02 1.27 0.00	35.25 1.09 0.00	34.76 1.14 0.00	33.54 1.14 0.00	34.17 1.04 0.00	32.95 1.02 0.00	33.12 1.01 0.00	32.47 0.98 0.00	32.47 1.12 0.00	35.88 1.34 0.00	35.41 1.47 0.00	37.72 1.81 0.00	42.83 2.26 0.00	49.54 2.69 0.00	51.45 2.73 0.00	55.32 2.85 0.00	53.94 2.46 0.00	57.42 3.09 0.00	59.34 3.17 0.00	71.39 3.56 0.00	55.85 2.39 0.00	57.31 2.24 0.00	44.32 1.84 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.46 1.64 0.00	41.02 1.27 0.00	35.25 1.09 0.00	34.76 1.14 0.00	33.54 1.14 0.00	34.17 1.04 0.00	32.95 1.02 0.00	33.12 1.01 0.00	32.47 0.98 0.00	32.47 1.12 0.00	35.88 1.34 0.00	35.41 1.47 0.00	37.72 1.81 0.00	42.83 2.26 0.00	49.54 2.69 0.00	51.45 2.73 0.00	55.32 2.85 0.00	53.94 2.46 0.00	57.42 3.09 0.00	59.34 3.17 0.00	71.39 3.56 0.00	55.85 2.39 0.00	57.31 2.24 0.00	44.32 1.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.41 1.59 0.00	41.03 1.28 0.00	35.27 1.11 0.00	34.78 1.17 0.00	33.56 1.16 0.00	34.22 1.09 0.00	32.98 1.04 0.00	33.13 1.02 0.00	32.44 0.94 0.00	32.35 1.01 0.00	35.70 1.16 0.00	35.20 1.26 0.00	37.46 1.55 0.00	42.52 1.95 0.00	49.20 2.35 0.00	51.12 2.40 0.00	55.06 2.59 0.00	53.86 2.38 0.00	57.32 2.99 0.00	59.31 3.14 0.00	71.29 3.46 0.00	55.82 2.36 0.00	57.27 2.21 0.00	44.21 1.72 0.00
POLETTI____ 23519	48.69 1.87 0.00	41.21 1.46 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.10 1.16 0.00	33.27 1.16 0.00	32.65 1.16 0.00	32.67 1.33 0.00	36.11 1.57 0.00	35.66 1.72 0.00	38.00 2.08 0.00	43.15 2.58 0.00	49.93 3.08 0.00	51.86 3.15 0.00	55.70 3.23 0.00	54.15 2.67 0.00	57.63 3.30 0.00	59.58 3.41 0.00	71.79 3.96 0.00	56.15 2.69 0.00	57.60 2.54 0.00	44.61 2.13 0.00

POMONA___ESR 323819	48.40 1.57 0.00	40.95 1.20 0.00	35.19 1.03 0.00	34.70 1.08 0.00	33.46 1.06 0.00	34.10 0.97 0.00	32.89 0.95 0.00	33.05 0.94 0.00	32.40 0.92 0.00	32.41 1.07 0.00	35.87 1.32 0.00	35.42 1.49 0.00	37.71 1.80 0.00	42.85 2.28 0.00	49.58 2.73 0.00	51.51 2.80 0.00	55.44 2.98 0.00	54.05 2.57 0.00	57.57 3.24 0.00	59.51 3.34 0.00	71.54 3.71 0.00	55.91 2.45 0.00	57.34 2.28 0.00	44.29 1.81 0.00
PORT_JEFF_3 23555	49.18 2.35 0.00	41.31 1.56 0.00	35.48 1.32 0.00	35.19 1.58 0.00	33.91 1.51 0.00	34.51 1.38 0.00	33.46 1.52 0.00	33.51 1.40 0.00	32.88 1.39 0.00	32.98 1.63 0.00	36.45 1.90 0.00	35.88 1.95 0.00	38.32 2.41 0.00	43.26 2.68 0.00	49.76 2.92 0.00	51.62 2.90 0.00	55.24 2.77 0.00	54.01 2.53 0.00	57.62 3.29 0.00	58.94 2.77 0.00	70.67 2.84 0.00	55.62 2.16 0.00	57.12 2.06 0.00	44.90 2.42 0.00
PORT_JEFF_4 23616	49.18 2.35 0.00	41.31 1.56 0.00	35.48 1.32 0.00	35.19 1.58 0.00	33.91 1.51 0.00	34.51 1.38 0.00	33.46 1.52 0.00	33.51 1.40 0.00	32.88 1.39 0.00	32.98 1.63 0.00	36.45 1.90 0.00	35.88 1.95 0.00	38.32 2.41 0.00	43.26 2.68 0.00	49.76 2.92 0.00	51.62 2.90 0.00	55.24 2.77 0.00	54.01 2.53 0.00	57.62 3.29 0.00	58.94 2.77 0.00	70.67 2.84 0.00	55.62 2.16 0.00	57.12 2.06 0.00	44.90 2.42 0.00
PORT_JEFF_IC 23713	49.23 2.40 0.00	41.35 1.61 0.00	35.51 1.35 0.00	35.23 1.61 0.00	33.94 1.54 0.00	34.55 1.41 0.00	33.50 1.56 0.00	33.54 1.44 0.00	32.92 1.43 0.00	33.02 1.68 0.00	36.49 1.94 0.00	35.94 2.01 0.00	38.39 2.48 0.00	43.35 2.77 0.00	49.87 3.03 0.00	51.76 3.04 0.00	55.42 2.95 0.00	54.22 2.74 0.00	57.88 3.55 0.00	59.16 2.99 0.00	70.93 3.10 0.00	55.80 2.34 0.00	57.25 2.19 0.00	44.98 2.50 0.00
PPL PILGRIM_ST_GT1 24216	49.37 2.54 0.00	41.57 1.82 0.00	35.71 1.55 0.00	35.37 1.75 0.00	34.07 1.67 0.00	34.68 1.55 0.00	33.58 1.64 0.00	33.64 1.53 0.00	33.00 1.51 0.00	33.09 1.76 0.00	36.57 2.03 0.00	36.05 2.12 0.00	38.52 2.60 0.00	43.55 2.98 0.00	50.09 3.24 0.00	52.00 3.28 0.00	55.80 3.33 0.00	54.50 3.02 0.00	58.04 3.71 0.00	59.47 3.30 0.00	71.37 3.54 0.00	56.03 2.57 0.00	57.47 2.41 0.00	45.17 2.69 0.00
PPL PILGRIM_ST_GT2 24217	49.37 2.54 0.00	41.57 1.82 0.00	35.71 1.55 0.00	35.37 1.75 0.00	34.07 1.67 0.00	34.68 1.55 0.00	33.58 1.64 0.00	33.64 1.53 0.00	33.00 1.51 0.00	33.09 1.76 0.00	36.57 2.03 0.00	36.05 2.12 0.00	38.52 2.60 0.00	43.55 2.98 0.00	50.09 3.24 0.00	52.00 3.28 0.00	55.80 3.33 0.00	54.50 3.02 0.00	58.04 3.71 0.00	59.47 3.30 0.00	71.37 3.54 0.00	56.03 2.57 0.00	57.47 2.41 0.00	45.17 2.69 0.00
PPL_SHRM_GT3 24213	49.24 2.41 0.00	41.09 1.34 0.00	35.31 1.16 0.00	35.15 1.53 0.00	33.88 1.48 0.00	34.49 1.36 0.00	33.55 1.62 0.00	33.57 1.46 0.00	32.93 1.44 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.80 1.87 0.00	38.24 2.33 0.00	43.02 2.44 0.00	49.52 2.67 0.00	51.48 2.76 0.00	54.99 2.52 0.00	54.10 2.62 0.00	57.95 3.62 0.00	59.08 2.91 0.00	70.76 2.94 0.00	55.84 2.38 0.00	57.16 2.09 0.00	44.87 2.39 0.00
PPL_SHRM_GT4 24214	49.24 2.41 0.00	41.09 1.34 0.00	35.31 1.16 0.00	35.15 1.53 0.00	33.88 1.48 0.00	34.49 1.36 0.00	33.55 1.62 0.00	33.57 1.46 0.00	32.93 1.44 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.80 1.87 0.00	38.24 2.33 0.00	43.02 2.44 0.00	49.52 2.67 0.00	51.48 2.76 0.00	54.99 2.52 0.00	54.10 2.62 0.00	57.95 3.62 0.00	59.08 2.91 0.00	70.76 2.94 0.00	55.84 2.38 0.00	57.16 2.09 0.00	44.87 2.39 0.00
PROJECT___ORANGE 1 24174	46.37 -0.45 0.00	39.34 -0.41 0.00	33.75 -0.41 0.00	33.18 -0.44 0.00	31.98 -0.42 0.00	32.70 -0.43 0.00	31.49 -0.45 0.00	31.59 -0.52 0.00	31.01 -0.48 0.00	30.93 -0.41 0.00	34.12 -0.42 0.00	33.49 -0.44 0.00	35.39 -0.52 0.00	40.05 -0.52 0.00	46.30 -0.54 0.00	48.31 -0.41 0.00	52.08 -0.39 0.00	51.10 -0.38 0.00	54.17 -0.16 0.00	56.10 -0.07 0.00	67.57 -0.26 0.00	53.10 -0.36 0.00	54.61 -0.46 0.00	42.06 -0.43 0.00
PROJECT___ORANGE 2 24166	46.37 -0.45 0.00	39.34 -0.41 0.00	33.75 -0.41 0.00	33.18 -0.44 0.00	31.98 -0.42 0.00	32.70 -0.43 0.00	31.49 -0.45 0.00	31.59 -0.52 0.00	31.01 -0.48 0.00	30.93 -0.41 0.00	34.12 -0.42 0.00	33.49 -0.44 0.00	35.39 -0.52 0.00	40.05 -0.52 0.00	46.30 -0.54 0.00	48.31 -0.41 0.00	52.08 -0.39 0.00	51.10 -0.38 0.00	54.17 -0.16 0.00	56.10 -0.07 0.00	67.57 -0.26 0.00	53.10 -0.36 0.00	54.61 -0.46 0.00	42.06 -0.43 0.00
PUCKETT___SOLAR 323809	47.38 0.23 -0.33	40.14 0.04 -0.34	34.12 -0.04 0.00	33.60 -0.02 0.00	32.46 0.06 0.00	33.21 0.06 -0.02	31.94 0.01 0.00	32.07 -0.04 0.00	31.46 -0.03 0.00	31.35 0.01 0.00	34.41 -0.14 0.00	33.73 -0.20 0.00	35.65 -0.27 0.00	40.37 -0.21 0.00	46.85 0.01 0.00	49.04 0.32 0.00	52.83 0.37 0.00	51.89 0.41 0.00	55.46 1.13 0.00	57.66 1.49 0.00	69.35 1.52 0.00	55.25 0.96 -0.83	56.80 0.85 -0.88	44.18 0.52 -1.18
PYRITES___HYD 24023	48.41 1.59 0.00	41.00 1.25 0.00	35.16 1.00 0.00	34.48 0.86 0.00	33.23 0.83 0.00	33.99 0.86 0.00	32.78 0.84 0.00	33.10 0.99 0.00	32.32 0.83 0.00	31.85 0.50 0.00	35.07 0.53 0.00	34.48 0.55 0.00	36.47 0.56 0.00	41.16 0.58 0.00	47.73 0.88 0.00	49.68 0.96 0.00	53.58 1.11 0.00	52.94 1.46 0.00	55.42 1.09 0.00	57.90 1.73 0.00	70.26 2.43 0.00	55.34 1.88 0.00	57.07 2.01 0.00	43.94 1.46 0.00
QUAKERRD_115KV_BK1 80622	45.36 -1.46 0.00	38.34 -1.41 0.00	32.84 -1.32 0.00	32.17 -1.45 0.00	30.98 -1.43 0.00	31.64 -1.49 0.00	30.40 -1.54 0.00	30.36 -1.75 0.00	30.02 -1.47 0.00	30.09 -1.26 0.00	33.33 -1.22 0.00	32.79 -1.14 0.00	34.69 -1.23 0.00	39.31 -1.26 0.00	45.41 -1.44 0.00	47.55 -1.17 0.00	51.23 -1.24 0.00	50.15 -1.33 0.00	53.08 -1.25 0.00	55.16 -1.01 0.00	66.34 -1.49 0.00	52.18 -1.28 0.00	53.80 -1.27 0.00	41.30 -1.19 0.00
QUENSBRY_115KV_TB8 356137	48.89 2.06 0.00	41.62 1.87 0.00	35.74 1.58 0.00	35.13 1.51 0.00	33.82 1.42 0.00	34.60 1.47 0.00	33.38 1.44 0.00	33.34 1.24 0.00	32.29 0.79 0.00	31.95 0.61 0.00	35.00 0.46 0.00	34.46 0.52 0.00	36.67 0.76 0.00	41.21 0.64 0.00	47.46 0.62 0.00	49.18 0.46 0.00	53.06 0.59 0.00	52.80 1.31 0.00	56.93 2.60 0.00	59.25 3.08 0.00	71.55 3.72 0.00	56.30 2.84 0.00	57.96 2.90 0.00	44.63 2.15 0.00
RAMAPO___LBMP 323565	48.18 1.35 0.00	40.76 1.01 0.00	35.04 0.88 0.00	34.55 0.93 0.00	33.33 0.93 0.00	33.96 0.83 0.00	32.76 0.82 0.00	32.91 0.80 0.00	32.26 0.77 0.00	32.26 0.92 0.00	35.69 1.15 0.00	35.23 1.30 0.00	37.49 1.58 0.00	42.59 2.01 0.00	49.26 2.42 0.00	51.16 2.44 0.00	55.08 2.61 0.00	53.71 2.23 0.00	57.24 2.91 0.00	59.17 3.00 0.00	71.13 3.31 0.00	55.59 2.13 0.00	57.05 1.98 0.00	44.06 1.57 0.00

RANKINE____ 23646	45.84 -0.99 0.00	38.54 -1.21 0.00	32.94 -1.22 0.00	32.15 -1.46 0.00	30.97 -1.44 0.00	31.61 -1.52 0.00	30.27 -1.67 0.00	30.09 -2.02 0.00	29.95 -1.54 0.00	30.21 -1.13 0.00	33.57 -0.97 0.00	33.04 -0.89 0.00	34.89 -1.02 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.62 0.00	51.66 -0.81 0.00	50.22 -1.26 0.00	53.13 -1.20 0.00	55.44 -0.73 0.00	66.60 -1.23 0.00	52.48 -0.98 0.00	54.44 -0.63 0.00	41.72 -0.76 0.00
RAVENSWOOD_GT2_1 24244	48.70 1.87 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.31 1.18 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.00 2.09 0.00	43.17 2.59 0.00	49.94 3.09 0.00	51.86 3.15 0.00	55.71 3.25 0.00	54.18 2.70 0.00	57.66 3.33 0.00	59.61 3.44 0.00	71.79 3.96 0.00	56.16 2.70 0.00	57.60 2.54 0.00	44.62 2.14 0.00
RAVENSWOOD_GT2_2 24245	48.70 1.87 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.31 1.18 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.65 1.16 0.00	32.68 1.34 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.00 2.09 0.00	43.17 2.59 0.00	49.94 3.09 0.00	51.86 3.15 0.00	55.71 3.25 0.00	54.18 2.70 0.00	57.66 3.33 0.00	59.61 3.44 0.00	71.79 3.96 0.00	56.16 2.70 0.00	57.60 2.54 0.00	44.62 2.14 0.00
RAVENSWOOD_GT2_3 24246	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.35 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.10 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.27 0.00	54.19 2.71 0.00	57.67 3.35 0.00	59.62 3.45 0.00	71.80 3.97 0.00	56.17 2.71 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD_GT2_4 24247	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.35 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.10 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.27 0.00	54.19 2.71 0.00	57.67 3.35 0.00	59.62 3.45 0.00	71.80 3.97 0.00	56.17 2.71 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD_GT3_1 24248	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.26 0.00	54.19 2.71 0.00	57.67 3.34 0.00	59.61 3.44 0.00	71.80 3.97 0.00	56.16 2.70 0.00	57.61 2.55 0.00	44.62 2.14 0.00
RAVENSWOOD_GT3_2 24249	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.26 0.00	54.19 2.71 0.00	57.67 3.34 0.00	59.61 3.44 0.00	71.80 3.97 0.00	56.16 2.70 0.00	57.61 2.55 0.00	44.62 2.14 0.00
RAVENSWOOD_GT3_3 24250	48.79 1.96 0.00	41.28 1.53 0.00	35.46 1.30 0.00	34.96 1.35 0.00	33.73 1.32 0.00	34.36 1.23 0.00	33.16 1.22 0.00	33.34 1.23 0.00	32.71 1.22 0.00	32.73 1.39 0.00	36.19 1.64 0.00	35.74 1.81 0.00	38.08 2.17 0.00	43.26 2.68 0.00	50.04 3.20 0.00	51.97 3.25 0.00	55.84 3.37 0.00	54.29 2.81 0.00	57.78 3.45 0.00	59.73 3.57 0.00	71.94 4.11 0.00	56.27 2.81 0.00	57.72 2.65 0.00	44.70 2.22 0.00
RAVENSWOOD_GT3_4 24251	48.79 1.96 0.00	41.28 1.53 0.00	35.46 1.30 0.00	34.96 1.35 0.00	33.73 1.32 0.00	34.36 1.23 0.00	33.16 1.22 0.00	33.34 1.23 0.00	32.71 1.22 0.00	32.73 1.39 0.00	36.19 1.64 0.00	35.74 1.81 0.00	38.08 2.17 0.00	43.26 2.68 0.00	50.04 3.20 0.00	51.97 3.25 0.00	55.84 3.37 0.00	54.29 2.81 0.00	57.78 3.45 0.00	59.73 3.57 0.00	71.94 4.11 0.00	56.27 2.81 0.00	57.72 2.65 0.00	44.70 2.22 0.00
RAVENSWOOD_GT_1 23729	48.71 1.89 0.00	41.25 1.50 0.00	35.43 1.27 0.00	34.92 1.31 0.00	33.70 1.30 0.00	34.32 1.20 0.00	33.14 1.21 0.00	33.32 1.21 0.00	32.71 1.22 0.00	32.73 1.39 0.00	36.18 1.64 0.00	35.74 1.81 0.00	38.08 2.16 0.00	43.22 2.64 0.00	50.02 3.17 0.00	51.92 3.21 0.00	55.73 3.26 0.00	54.21 2.73 0.00	57.65 3.32 0.00	59.62 3.45 0.00	71.80 3.98 0.00	56.17 2.72 0.00	57.60 2.53 0.00	44.70 2.21 0.00
RAVENSWOOD_GT_10 24258	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.35 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.27 0.00	54.19 2.71 0.00	57.68 3.35 0.00	59.62 3.45 0.00	71.80 3.98 0.00	56.18 2.72 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD_GT_11 24259	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.35 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.27 0.00	54.19 2.71 0.00	57.68 3.35 0.00	59.62 3.45 0.00	71.80 3.98 0.00	56.18 2.72 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD_GT_4 24252	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.11 1.17 0.00	33.28 1.17 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.13 1.59 0.00	35.68 1.75 0.00	38.01 2.10 0.00	43.17 2.59 0.00	49.95 3.11 0.00	51.87 3.15 0.00	55.69 3.22 0.00	54.16 2.68 0.00	57.63 3.30 0.00	59.59 3.42 0.00	71.75 3.92 0.00	56.13 2.67 0.00	57.57 2.51 0.00	44.62 2.14 0.00
RAVENSWOOD_GT_5 24254	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.11 1.17 0.00	33.28 1.17 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.13 1.59 0.00	35.68 1.75 0.00	38.01 2.10 0.00	43.17 2.59 0.00	49.95 3.11 0.00	51.87 3.15 0.00	55.69 3.22 0.00	54.16 2.68 0.00	57.63 3.30 0.00	59.59 3.42 0.00	71.75 3.92 0.00	56.13 2.67 0.00	57.57 2.51 0.00	44.62 2.14 0.00
RAVENSWOOD_GT_6 24253	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.11 1.17 0.00	33.28 1.17 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.13 1.59 0.00	35.68 1.75 0.00	38.01 2.10 0.00	43.17 2.59 0.00	49.95 3.11 0.00	51.87 3.15 0.00	55.69 3.22 0.00	54.16 2.68 0.00	57.63 3.30 0.00	59.59 3.42 0.00	71.75 3.92 0.00	56.13 2.67 0.00	57.57 2.51 0.00	44.62 2.14 0.00

RAVENSWOOD_GT_7 24255	48.68 1.86 0.00	41.22 1.47 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.67 1.27 0.00	34.30 1.17 0.00	33.11 1.17 0.00	33.28 1.17 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.13 1.59 0.00	35.68 1.75 0.00	38.01 2.10 0.00	43.17 2.59 0.00	49.95 3.11 0.00	51.87 3.15 0.00	55.69 3.22 0.00	54.16 2.68 0.00	57.63 3.30 0.00	59.59 3.42 0.00	71.75 3.92 0.00	56.13 2.67 0.00	57.57 2.51 0.00	44.62 2.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.35 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.27 0.00	54.19 2.71 0.00	57.68 3.35 0.00	59.62 3.45 0.00	71.80 3.98 0.00	56.18 2.72 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD_GT_9 24257	48.70 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.35 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.09 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.73 3.27 0.00	54.19 2.71 0.00	57.68 3.35 0.00	59.62 3.45 0.00	71.80 3.98 0.00	56.18 2.72 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD____1 23533	48.66 1.84 0.00	41.21 1.45 0.00	35.39 1.23 0.00	34.89 1.28 0.00	33.67 1.27 0.00	34.29 1.16 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.36 0.00	36.16 1.61 0.00	35.71 1.78 0.00	38.04 2.13 0.00	43.18 2.60 0.00	49.96 3.11 0.00	51.86 3.15 0.00	55.68 3.21 0.00	54.16 2.68 0.00	57.61 3.28 0.00	59.56 3.39 0.00	71.72 3.89 0.00	56.11 2.65 0.00	57.54 2.47 0.00	44.65 2.16 0.00
RAVENSWOOD____2 23534	48.55 1.72 0.00	41.14 1.39 0.00	35.34 1.19 0.00	34.84 1.22 0.00	33.62 1.22 0.00	34.25 1.12 0.00	33.06 1.12 0.00	33.24 1.13 0.00	32.62 1.13 0.00	32.64 1.30 0.00	36.10 1.56 0.00	35.66 1.73 0.00	37.98 2.07 0.00	43.11 2.53 0.00	49.87 3.03 0.00	51.72 3.00 0.00	55.39 2.93 0.00	53.90 2.42 0.00	57.19 2.86 0.00	59.11 2.94 0.00	71.21 3.38 0.00	55.70 2.24 0.00	57.14 2.07 0.00	44.49 2.01 0.00
RAVENSWOOD____3 23535	48.71 1.88 0.00	41.22 1.47 0.00	35.41 1.25 0.00	34.91 1.29 0.00	33.68 1.28 0.00	34.32 1.19 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.66 1.17 0.00	32.68 1.34 0.00	36.12 1.58 0.00	35.67 1.75 0.00	38.01 2.10 0.00	43.18 2.60 0.00	49.95 3.10 0.00	51.87 3.15 0.00	55.74 3.27 0.00	54.19 2.71 0.00	57.68 3.35 0.00	59.62 3.45 0.00	71.80 3.97 0.00	56.16 2.70 0.00	57.62 2.56 0.00	44.62 2.14 0.00
RAVENSWOOD____4 23820	48.66 1.84 0.00	41.21 1.45 0.00	35.39 1.23 0.00	34.89 1.28 0.00	33.67 1.27 0.00	34.29 1.16 0.00	33.11 1.17 0.00	33.29 1.18 0.00	32.67 1.18 0.00	32.69 1.36 0.00	36.16 1.61 0.00	35.71 1.78 0.00	38.04 2.13 0.00	43.18 2.60 0.00	49.96 3.11 0.00	51.86 3.15 0.00	55.68 3.21 0.00	54.16 2.68 0.00	57.60 3.27 0.00	59.55 3.38 0.00	71.72 3.89 0.00	56.11 2.65 0.00	57.54 2.47 0.00	44.64 2.16 0.00
RCPI_TRUST____DRP 24196	48.69 1.87 0.00	41.20 1.45 0.00	35.39 1.23 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.30 1.17 0.00	33.09 1.16 0.00	33.27 1.17 0.00	32.64 1.15 0.00	32.67 1.33 0.00	36.11 1.57 0.00	35.66 1.73 0.00	38.00 2.09 0.00	43.17 2.59 0.00	49.94 3.09 0.00	51.88 3.16 0.00	55.74 3.28 0.00	54.24 2.76 0.00	57.73 3.40 0.00	59.67 3.50 0.00	71.80 3.97 0.00	56.16 2.70 0.00	57.60 2.54 0.00	44.62 2.14 0.00
RED____ROCHESTER 323720	46.32 0.01 0.52	38.97 -0.23 0.55	33.81 -0.35 0.00	33.07 -0.54 0.00	31.84 -0.57 0.00	32.48 -0.62 0.03	31.20 -0.74 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.37 -0.17 0.00	33.86 -0.08 0.00	35.87 -0.04 0.00	40.71 0.14 0.00	47.04 0.19 0.00	49.34 0.62 0.00	53.16 0.69 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.34 1.17 0.00	68.87 1.04 0.00	52.83 0.69 1.33	54.40 0.75 1.41	40.85 0.26 1.89
REGAN____SOLAR 323812	49.32 2.49 0.00	41.78 2.03 0.00	35.83 1.67 0.00	35.21 1.59 0.00	33.91 1.51 0.00	34.71 1.58 0.00	33.34 1.40 0.00	33.05 0.94 0.00	31.77 0.28 0.00	31.46 0.12 0.00	35.13 0.59 0.00	34.07 0.13 0.00	35.51 -0.41 0.00	40.03 -0.54 0.00	46.28 -0.56 0.00	48.33 -0.39 0.00	52.47 0.00 0.00	52.34 0.86 0.00	56.71 2.38 0.00	60.11 3.94 0.00	72.51 4.69 0.00	56.96 3.50 0.00	58.46 3.40 0.00	44.94 2.46 0.00
RENSSELAER____COGEN 23796	46.85 0.02 0.00	39.90 0.15 0.00	34.43 0.27 0.00	34.10 0.48 0.00	32.87 0.46 0.00	33.60 0.47 0.00	32.40 0.46 0.00	32.49 0.38 0.00	31.77 0.28 0.00	31.54 0.21 0.00	34.52 -0.03 0.00	33.86 -0.07 0.00	35.92 0.01 0.00	40.57 0.00 0.00	46.65 -0.20 0.00	48.41 -0.31 0.00	52.11 -0.36 0.00	51.25 -0.23 0.00	54.31 -0.02 0.00	56.31 0.14 0.00	67.72 -0.10 0.00	53.39 -0.07 0.00	55.00 -0.06 0.00	42.50 0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.65 4.82 0.00	43.99 4.24 0.00	37.72 3.57 0.00	36.97 3.35 0.00	35.54 3.13 0.00	36.35 3.22 0.00	35.11 3.17 0.00	34.73 2.62 0.00	33.00 1.51 0.00	32.67 1.33 0.00	35.88 1.33 0.00	35.40 1.46 0.00	37.80 1.89 0.00	42.46 1.88 0.00	49.49 2.64 0.00	51.23 2.52 0.00	54.94 2.47 0.00	55.48 4.00 0.00	60.16 5.83 0.00	62.88 6.71 0.00	76.26 8.44 0.00	59.67 6.21 0.00	61.47 6.41 0.00	47.42 4.93 0.00
REVERE_CPPR_DRP 24186	48.24 1.41 0.00	40.86 1.11 0.00	35.06 0.90 0.00	34.50 0.88 0.00	33.24 0.84 0.00	34.07 0.94 0.00	32.84 0.90 0.00	32.95 0.84 0.00	32.23 0.74 0.00	32.06 0.72 0.00	35.27 0.72 0.00	34.47 0.53 0.00	36.40 0.48 0.00	41.36 0.79 0.00	48.01 1.16 0.00	50.02 1.30 0.00	53.95 1.49 0.00	53.23 1.74 0.00	56.86 2.53 0.00	59.23 3.06 0.00	71.43 3.60 0.00	56.13 2.67 0.00	57.59 2.53 0.00	44.23 1.74 0.00
REYNLDDPA_13_KV_LD 356490	47.38 0.56 0.00	40.16 0.41 0.00	34.49 0.33 0.00	33.86 0.24 0.00	32.63 0.22 0.00	33.34 0.21 0.00	32.16 0.22 0.00	32.52 0.41 0.00	31.94 0.45 0.00	31.75 0.40 0.00	35.05 0.50 0.00	34.45 0.52 0.00	36.45 0.54 0.00	41.10 0.53 0.00	47.45 0.60 0.00	49.33 0.62 0.00	53.15 0.69 0.00	52.39 0.91 0.00	54.87 0.54 0.00	56.50 0.33 0.00	68.24 0.41 0.00	53.80 0.33 0.00	55.62 0.56 0.00	42.85 0.37 0.00
REYNOLDS_115KV_TB3 80639	47.13 0.31 0.00	40.15 0.40 0.00	34.64 0.48 0.00	34.24 0.62 0.00	33.00 0.59 0.00	33.73 0.60 0.00	32.53 0.59 0.00	32.61 0.50 0.00	31.88 0.39 0.00	31.65 0.32 0.00	34.70 0.16 0.00	34.00 0.07 0.00	36.05 0.14 0.00	40.73 0.16 0.00	46.86 0.01 0.00	48.59 -0.13 0.00	52.29 -0.18 0.00	51.44 -0.04 0.00	54.47 0.14 0.00	56.49 0.32 0.00	67.92 0.09 0.00	53.61 0.15 0.00	55.28 0.22 0.00	42.71 0.22 0.00

RIVERBAY____ 323610	49.69 2.87 0.00	42.15 2.40 0.00	36.15 1.99 0.00	35.66 2.05 0.00	34.43 2.03 0.00	35.08 1.95 0.00	33.86 1.92 0.00	34.02 1.91 0.00	33.39 1.90 0.00	33.42 2.08 0.00	36.96 2.42 0.00	36.46 2.53 0.00	38.84 2.93 0.00	44.05 3.48 0.00	50.98 4.13 0.00	52.93 4.21 0.00	56.85 4.39 0.00	55.47 3.99 0.00	58.97 4.64 0.00	61.08 4.91 0.00	73.47 5.64 0.00	57.47 4.01 0.00	58.89 3.82 0.00	45.63 3.15 0.00
RIVERSDE_115KV_TB3 55908	47.04 0.21 0.00	40.06 0.31 0.00	34.57 0.41 0.00	34.21 0.59 0.00	32.97 0.57 0.00	33.70 0.57 0.00	32.50 0.56 0.00	32.58 0.47 0.00	31.87 0.38 0.00	31.65 0.31 0.00	34.65 0.10 0.00	33.98 0.05 0.00	36.05 0.13 0.00	40.70 0.12 0.00	46.81 -0.04 0.00	48.56 -0.15 0.00	52.30 -0.16 0.00	51.45 -0.03 0.00	54.52 0.19 0.00	56.53 0.36 0.00	67.95 0.12 0.00	53.59 0.13 0.00	55.22 0.16 0.00	42.66 0.18 0.00
ROARING__BROOK_WT_PWR 323790	46.24 -0.59 0.00	39.23 -0.52 0.00	33.72 -0.44 0.00	33.26 -0.36 0.00	32.05 -0.35 0.00	32.88 -0.25 0.00	31.81 -0.14 0.00	32.00 -0.10 0.00	31.45 -0.03 0.00	31.33 -0.01 0.00	34.55 0.01 0.00	33.95 0.02 0.00	35.92 0.00 0.00	40.58 0.00 0.00	46.85 0.00 0.00	48.72 0.00 0.00	52.40 -0.06 0.00	51.39 -0.09 0.00	54.21 -0.12 0.00	56.08 -0.09 0.00	67.76 -0.07 0.00	53.41 -0.05 0.00	54.99 -0.07 0.00	42.42 -0.07 0.00
ROCHESRG_115KV_T4 355643	46.09 -0.73 0.00	38.92 -0.83 0.00	33.33 -0.82 0.00	32.61 -1.00 0.00	31.41 -1.00 0.00	32.07 -1.06 0.00	30.80 -1.14 0.00	30.72 -1.39 0.00	30.43 -1.06 0.00	30.53 -0.81 0.00	33.85 -0.69 0.00	33.31 -0.62 0.00	35.23 -0.69 0.00	39.95 -0.63 0.00	46.12 -0.73 0.00	48.34 -0.38 0.00	52.07 -0.40 0.00	50.93 -0.56 0.00	53.88 -0.45 0.00	56.03 -0.13 0.00	67.38 -0.45 0.00	53.04 -0.42 0.00	54.74 -0.32 0.00	42.00 -0.48 0.00
ROCHESTER_9_IC 23652	46.54 -0.28 0.00	39.28 -0.47 0.00	33.63 -0.53 0.00	32.89 -0.73 0.00	31.67 -0.74 0.00	32.33 -0.80 0.00	31.05 -0.89 0.00	30.96 -1.15 0.00	30.66 -0.82 0.00	30.79 -0.55 0.00	34.16 -0.39 0.00	33.64 -0.29 0.00	35.60 -0.31 0.00	40.39 -0.18 0.00	46.65 -0.20 0.00	48.91 0.20 0.00	52.71 0.24 0.00	51.58 0.10 0.00	54.61 0.28 0.00	56.79 0.62 0.00	68.26 0.43 0.00	53.70 0.24 0.00	55.38 0.32 0.00	42.44 -0.04 0.00
ROCKVIEW_13_KV_LD 356306	48.69 1.87 0.00	41.19 1.44 0.00	35.39 1.22 0.00	34.89 1.27 0.00	33.66 1.25 0.00	34.29 1.16 0.00	33.08 1.14 0.00	33.25 1.14 0.00	32.61 1.12 0.00	32.62 1.28 0.00	36.08 1.53 0.00	35.61 1.68 0.00	37.95 2.04 0.00	43.11 2.53 0.00	49.85 3.00 0.00	51.81 3.10 0.00	55.69 3.23 0.00	54.27 2.79 0.00	57.75 3.42 0.00	59.67 3.51 0.00	71.79 3.96 0.00	56.17 2.71 0.00	57.60 2.53 0.00	44.58 2.10 0.00
ROME____115KV_TB2 80656	48.24 1.41 0.00	40.86 1.11 0.00	35.06 0.90 0.00	34.50 0.88 0.00	33.24 0.84 0.00	34.07 0.94 0.00	32.84 0.90 0.00	32.95 0.84 0.00	32.23 0.74 0.00	32.06 0.72 0.00	35.27 0.72 0.00	34.47 0.53 0.00	36.40 0.48 0.00	41.36 0.79 0.00	48.01 1.16 0.00	50.02 1.30 0.00	53.95 1.49 0.00	53.23 1.74 0.00	56.86 2.53 0.00	59.23 3.06 0.00	71.43 3.60 0.00	56.13 2.67 0.00	57.59 2.53 0.00	44.23 1.74 0.00
ROSETON__1 23587	48.03 1.21 0.00	40.70 0.95 0.00	35.00 0.84 0.00	34.51 0.90 0.00	33.30 0.90 0.00	33.96 0.83 0.00	32.73 0.79 0.00	32.89 0.79 0.00	32.22 0.73 0.00	32.16 0.81 0.00	35.53 0.98 0.00	35.03 1.10 0.00	37.28 1.37 0.00	42.30 1.72 0.00	48.89 2.04 0.00	50.77 2.05 0.00	54.60 2.13 0.00	53.30 1.82 0.00	56.69 2.36 0.00	58.64 2.47 0.00	70.53 2.70 0.00	55.24 1.78 0.00	56.71 1.64 0.00	43.84 1.35 0.00
ROSETON__2 23588	48.03 1.21 0.00	40.70 0.95 0.00	35.00 0.84 0.00	34.51 0.90 0.00	33.30 0.90 0.00	33.96 0.83 0.00	32.73 0.79 0.00	32.89 0.79 0.00	32.22 0.73 0.00	32.16 0.81 0.00	35.53 0.98 0.00	35.03 1.10 0.00	37.28 1.37 0.00	42.30 1.72 0.00	48.89 2.04 0.00	50.77 2.05 0.00	54.60 2.13 0.00	53.30 1.82 0.00	56.69 2.36 0.00	58.64 2.47 0.00	70.53 2.70 0.00	55.24 1.78 0.00	56.71 1.64 0.00	43.84 1.35 0.00
ROTTDRAM_115KV_TB3 80664	47.67 0.85 0.00	40.50 0.75 0.00	34.84 0.68 0.00	34.29 0.68 0.00	33.05 0.65 0.00	33.82 0.69 0.00	32.58 0.64 0.00	32.67 0.57 0.00	31.93 0.43 0.00	31.70 0.36 0.00	34.88 0.33 0.00	34.25 0.31 0.00	36.29 0.38 0.00	40.96 0.39 0.00	47.24 0.39 0.00	49.06 0.34 0.00	52.85 0.39 0.00	52.01 0.53 0.00	55.29 0.96 0.00	57.42 1.25 0.00	69.17 1.34 0.00	54.49 1.03 0.00	56.09 1.03 0.00	43.28 0.79 0.00
RUSSELL__1 23602	46.84 0.01 0.00	39.52 -0.23 0.00	33.81 -0.35 0.00	33.08 -0.54 0.00	31.84 -0.57 0.00	32.51 -0.62 0.00	31.21 -0.73 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.38 -0.16 0.00	33.87 -0.06 0.00	35.88 -0.04 0.00	40.72 0.14 0.00	47.04 0.19 0.00	49.34 0.63 0.00	53.17 0.70 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.33 1.16 0.00	68.87 1.04 0.00	54.15 0.69 0.00	55.81 0.74 0.00	42.73 0.25 0.00
RUSSELL__2 23532	46.84 0.01 0.00	39.52 -0.23 0.00	33.81 -0.35 0.00	33.08 -0.54 0.00	31.84 -0.57 0.00	32.51 -0.62 0.00	31.21 -0.73 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.38 -0.16 0.00	33.87 -0.06 0.00	35.88 -0.04 0.00	40.72 0.14 0.00	47.04 0.19 0.00	49.34 0.63 0.00	53.17 0.70 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.33 1.16 0.00	68.87 1.04 0.00	54.15 0.69 0.00	55.81 0.74 0.00	42.73 0.25 0.00
RUSSELL__3 23549	46.84 0.01 0.00	39.52 -0.23 0.00	33.81 -0.35 0.00	33.08 -0.54 0.00	31.84 -0.57 0.00	32.51 -0.62 0.00	31.21 -0.73 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.38 -0.16 0.00	33.87 -0.06 0.00	35.88 -0.04 0.00	40.72 0.14 0.00	47.04 0.19 0.00	49.34 0.63 0.00	53.17 0.70 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.33 1.16 0.00	68.87 1.04 0.00	54.15 0.69 0.00	55.81 0.74 0.00	42.73 0.25 0.00
RUSSELL__4 23556	46.84 0.01 0.00	39.52 -0.23 0.00	33.81 -0.35 0.00	33.08 -0.54 0.00	31.84 -0.57 0.00	32.51 -0.62 0.00	31.21 -0.73 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.38 -0.16 0.00	33.87 -0.06 0.00	35.88 -0.04 0.00	40.72 0.14 0.00	47.04 0.19 0.00	49.34 0.63 0.00	53.17 0.70 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.33 1.16 0.00	68.87 1.04 0.00	54.15 0.69 0.00	55.81 0.74 0.00	42.73 0.25 0.00
RUSSELL__STATION 23914	46.84 0.01 0.00	39.52 -0.23 0.00	33.81 -0.35 0.00	33.08 -0.54 0.00	31.84 -0.57 0.00	32.51 -0.62 0.00	31.21 -0.73 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.38 -0.16 0.00	33.87 -0.06 0.00	35.88 -0.04 0.00	40.72 0.14 0.00	47.04 0.19 0.00	49.34 0.63 0.00	53.17 0.70 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.33 1.16 0.00	68.87 1.04 0.00	54.15 0.69 0.00	55.81 0.74 0.00	42.73 0.25 0.00

S SALMON___HYD 24043	46.60 -0.22 0.00	39.53 -0.22 0.00	33.88 -0.28 0.00	33.31 -0.31 0.00	32.11 -0.29 0.00	32.95 -0.18 0.00	31.74 -0.19 0.00	31.80 -0.31 0.00	31.19 -0.30 0.00	31.03 -0.31 0.00	34.22 -0.33 0.00	33.56 -0.38 0.00	35.44 -0.47 0.00	40.09 -0.49 0.00	46.26 -0.59 0.00	48.09 -0.63 0.00	51.70 -0.77 0.00	50.91 -0.57 0.00	54.15 -0.18 0.00	56.65 0.48 0.00	68.57 0.74 0.00	54.04 0.58 0.00	55.47 0.41 0.00	42.59 0.11 0.00
S.PERRY___115KV_TB1 80734	48.11 1.28 0.00	40.52 0.77 0.00	34.66 0.50 0.00	33.85 0.24 0.00	32.62 0.22 0.00	33.32 0.19 0.00	31.96 0.02 0.00	31.73 -0.38 0.00	30.94 -0.55 0.00	30.93 -0.41 0.00	34.30 -0.25 0.00	33.84 -0.09 0.00	35.88 -0.03 0.00	40.74 0.16 0.00	47.13 0.28 0.00	49.44 0.72 0.00	53.12 0.65 0.00	52.42 0.94 0.00	55.88 1.56 0.00	58.57 2.40 0.00	70.96 3.13 0.00	55.88 2.42 0.00	57.46 2.39 0.00	43.92 1.43 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.40 -1.43 0.00	38.22 -1.54 0.00	32.68 -1.48 0.00	31.88 -1.74 0.00	30.70 -1.70 0.00	31.33 -1.80 0.00	30.02 -1.92 0.00	29.82 -2.29 0.00	29.74 -1.75 0.00	29.98 -1.36 0.00	33.31 -1.24 0.00	32.79 -1.14 0.00	34.61 -1.30 0.00	39.29 -1.29 0.00	45.28 -1.56 0.00	47.63 -1.09 0.00	51.17 -1.30 0.00	49.71 -1.77 0.00	52.55 -1.78 0.00	54.78 -1.39 0.00	65.84 -1.99 0.00	51.96 -1.50 0.00	53.96 -1.10 0.00	41.39 -1.09 0.00
SAWYER___23_KV_LOAD 55526	45.40 -1.43 0.00	38.22 -1.54 0.00	32.68 -1.48 0.00	31.88 -1.74 0.00	30.70 -1.70 0.00	31.33 -1.80 0.00	30.02 -1.92 0.00	29.82 -2.29 0.00	29.74 -1.75 0.00	29.98 -1.36 0.00	33.31 -1.24 0.00	32.79 -1.14 0.00	34.61 -1.30 0.00	39.29 -1.29 0.00	45.28 -1.56 0.00	47.63 -1.09 0.00	51.17 -1.30 0.00	49.71 -1.77 0.00	52.55 -1.78 0.00	54.78 -1.39 0.00	65.84 -1.99 0.00	51.96 -1.50 0.00	53.96 -1.10 0.00	41.39 -1.09 0.00
SELKIRK___I 23801	47.33 0.50 0.00	40.27 0.52 0.00	34.72 0.56 0.00	34.31 0.69 0.00	33.08 0.68 0.00	33.83 0.70 0.00	32.60 0.66 0.00	32.69 0.58 0.00	31.92 0.43 0.00	31.67 0.33 0.00	34.69 0.14 0.00	34.05 0.12 0.00	36.15 0.24 0.00	40.69 0.12 0.00	46.86 0.02 0.00	48.64 -0.08 0.00	52.35 -0.12 0.00	51.51 0.03 0.00	54.69 0.36 0.00	56.80 0.63 0.00	68.41 0.58 0.00	53.91 0.45 0.00	55.54 0.47 0.00	42.91 0.42 0.00
SELKIRK___II 23799	47.06 0.23 0.00	40.03 0.29 0.00	34.51 0.35 0.00	34.12 0.50 0.00	32.89 0.49 0.00	33.62 0.49 0.00	32.42 0.48 0.00	32.53 0.43 0.00	31.82 0.33 0.00	31.61 0.27 0.00	34.66 0.12 0.00	34.03 0.10 0.00	36.10 0.18 0.00	40.78 0.20 0.00	46.95 0.10 0.00	48.71 -0.01 0.00	52.41 -0.06 0.00	51.49 0.01 0.00	54.57 0.24 0.00	56.58 0.41 0.00	68.09 0.26 0.00	53.64 0.18 0.00	55.25 0.19 0.00	42.68 0.20 0.00
SENECA OSWGO___HYD 24041	45.85 -0.97 0.00	38.94 -0.81 0.00	33.42 -0.74 0.00	32.85 -0.76 0.00	31.67 -0.74 0.00	32.39 -0.74 0.00	31.20 -0.75 0.00	31.29 -0.82 0.00	30.70 -0.79 0.00	30.61 -0.73 0.00	33.74 -0.80 0.00	33.07 -0.86 0.00	34.90 -1.02 0.00	39.47 -1.10 0.00	45.57 -1.28 0.00	47.53 -1.19 0.00	51.26 -1.21 0.00	50.26 -1.22 0.00	53.26 -1.07 0.00	55.29 -0.88 0.00	66.69 -1.14 0.00	52.44 -1.02 0.00	53.93 -1.14 0.00	41.55 -0.94 0.00
SENECA___115KV_TB3 355854	44.73 -0.90 1.20	37.36 -1.13 1.27	33.00 -1.15 0.01	32.20 -1.41 0.00	31.02 -1.38 0.00	31.59 -1.47 0.07	30.32 -1.62 0.00	30.13 -1.98 0.00	30.00 -1.49 0.00	30.26 -1.08 0.00	33.62 -0.93 0.00	33.09 -0.84 0.00	34.95 -0.96 0.00	39.70 -0.87 0.00	45.82 -1.03 0.00	48.18 -0.54 0.00	51.76 -0.71 0.00	50.31 -1.17 0.00	53.25 -1.08 0.00	55.57 -0.60 0.00	66.73 -1.09 0.00	49.54 -0.87 3.05	51.31 -0.50 3.26	37.47 -0.66 4.36
SENECA___ENERGY 23797	46.62 -0.20 0.00	39.46 -0.30 0.00	33.78 -0.39 0.00	33.16 -0.45 0.00	31.98 -0.43 0.00	32.68 -0.45 0.00	31.46 -0.48 0.00	31.42 -0.69 0.00	30.85 -0.64 0.00	30.76 -0.58 0.00	33.94 -0.60 0.00	33.32 -0.61 0.00	35.30 -0.61 0.00	40.06 -0.52 0.00	46.40 -0.45 0.00	48.38 -0.34 0.00	52.31 -0.15 0.00	51.22 -0.26 0.00	54.41 0.08 0.00	56.61 0.44 0.00	68.17 0.34 0.00	53.49 0.03 0.00	55.00 -0.06 0.00	42.35 -0.13 0.00
SHOEMAKER___GT 23640	47.96 1.14 0.00	40.63 0.88 0.00	34.91 0.75 0.00	34.42 0.81 0.00	33.20 0.79 0.00	33.86 0.73 0.00	32.64 0.70 0.00	32.79 0.68 0.00	32.11 0.61 0.00	31.99 0.66 0.00	35.32 0.78 0.00	34.81 0.87 0.00	37.03 1.11 0.00	42.01 1.43 0.00	48.59 1.74 0.00	50.53 1.81 0.00	54.47 2.01 0.00	53.31 1.84 0.00	56.74 2.41 0.00	58.71 2.54 0.00	70.65 2.82 0.00	55.31 1.84 0.00	56.76 1.70 0.00	43.82 1.33 0.00
SHOEMAKR_138KV_BK 111 55601	47.95 1.13 0.00	40.61 0.86 0.00	34.91 0.75 0.00	34.40 0.79 0.00	33.18 0.78 0.00	33.85 0.72 0.00	32.63 0.69 0.00	32.78 0.67 0.00	32.10 0.61 0.00	32.01 0.67 0.00	35.35 0.80 0.00	34.85 0.92 0.00	37.06 1.15 0.00	42.07 1.49 0.00	48.64 1.79 0.00	50.57 1.85 0.00	54.49 2.03 0.00	53.31 1.83 0.00	56.73 2.40 0.00	58.68 2.51 0.00	70.61 2.78 0.00	55.28 1.82 0.00	56.74 1.67 0.00	43.80 1.32 0.00
SHOREHAM_IC_1 23715	49.24 2.41 0.00	41.09 1.34 0.00	35.31 1.16 0.00	35.15 1.53 0.00	33.88 1.48 0.00	34.49 1.36 0.00	33.55 1.62 0.00	33.57 1.46 0.00	32.93 1.44 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.80 1.87 0.00	38.24 2.33 0.00	43.02 2.44 0.00	49.52 2.67 0.00	51.48 2.76 0.00	54.99 2.52 0.00	54.10 2.62 0.00	57.95 3.62 0.00	59.08 2.91 0.00	70.76 2.94 0.00	55.84 2.38 0.00	57.16 2.09 0.00	44.87 2.39 0.00
SHOREHAM_IC_2 23716	49.24 2.41 0.00	41.09 1.34 0.00	35.31 1.16 0.00	35.15 1.53 0.00	33.88 1.48 0.00	34.49 1.36 0.00	33.55 1.62 0.00	33.57 1.46 0.00	32.93 1.44 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.80 1.87 0.00	38.24 2.33 0.00	43.02 2.44 0.00	49.52 2.67 0.00	51.48 2.76 0.00	54.99 2.52 0.00	54.10 2.62 0.00	57.95 3.62 0.00	59.08 2.91 0.00	70.76 2.94 0.00	55.84 2.38 0.00	57.16 2.09 0.00	44.87 2.39 0.00
SISSONVILLE____ 23735	47.49 0.67 0.00	40.23 0.48 0.00	34.51 0.35 0.00	33.88 0.26 0.00	32.63 0.23 0.00	33.40 0.27 0.00	32.22 0.28 0.00	32.55 0.45 0.00	31.92 0.43 0.00	31.64 0.30 0.00	34.92 0.37 0.00	34.31 0.38 0.00	36.29 0.38 0.00	40.97 0.40 0.00	47.36 0.51 0.00	49.24 0.52 0.00	53.11 0.64 0.00	52.34 0.86 0.00	54.81 0.49 0.00	56.87 0.70 0.00	68.89 1.06 0.00	54.25 0.79 0.00	55.96 0.90 0.00	43.12 0.63 0.00
SITHE_IND_GS1 24169	45.40 -1.43 0.00	38.59 -1.16 0.00	33.14 -1.02 0.00	32.59 -1.03 0.00	31.42 -0.99 0.00	32.12 -1.01 0.00	30.94 -1.00 0.00	31.06 -1.05 0.00	30.48 -1.01 0.00	30.38 -0.97 0.00	33.48 -1.06 0.00	32.85 -1.08 0.00	34.65 -1.26 0.00	39.08 -1.49 0.00	45.15 -1.70 0.00	47.04 -1.68 0.00	50.67 -1.80 0.00	49.72 -1.76 0.00	52.58 -1.74 0.00	54.49 -1.68 0.00	65.69 -2.14 0.00	51.70 -1.76 0.00	53.22 -1.84 0.00	41.06 -1.43 0.00

SITHE_IND_GS2 24170	45.40 -1.43 0.00	38.59 -1.16 0.00	33.14 -1.02 0.00	32.59 -1.03 0.00	31.42 -0.99 0.00	32.12 -1.01 0.00	30.94 -1.00 0.00	31.06 -1.05 0.00	30.48 -1.01 0.00	30.38 -0.97 0.00	33.48 -1.06 0.00	32.85 -1.08 0.00	34.65 -1.26 0.00	39.08 -1.49 0.00	45.15 -1.70 0.00	47.04 -1.68 0.00	50.67 -1.80 0.00	49.72 -1.76 0.00	52.58 -1.74 0.00	54.49 -1.68 0.00	65.69 -2.14 0.00	51.70 -1.76 0.00	53.22 -1.84 0.00	41.06 -1.43 0.00
SITHE_IND_GS3 24171	45.40 -1.43 0.00	38.59 -1.16 0.00	33.14 -1.02 0.00	32.59 -1.03 0.00	31.42 -0.99 0.00	32.12 -1.01 0.00	30.94 -1.00 0.00	31.06 -1.05 0.00	30.48 -1.01 0.00	30.38 -0.97 0.00	33.48 -1.06 0.00	32.85 -1.08 0.00	34.65 -1.26 0.00	39.08 -1.49 0.00	45.15 -1.70 0.00	47.04 -1.68 0.00	50.67 -1.80 0.00	49.72 -1.76 0.00	52.58 -1.74 0.00	54.49 -1.68 0.00	65.69 -2.14 0.00	51.70 -1.76 0.00	53.22 -1.84 0.00	41.06 -1.43 0.00
SITHE_IND_GS4 24172	45.40 -1.43 0.00	38.59 -1.16 0.00	33.14 -1.02 0.00	32.59 -1.03 0.00	31.42 -0.99 0.00	32.12 -1.01 0.00	30.94 -1.00 0.00	31.06 -1.05 0.00	30.48 -1.01 0.00	30.38 -0.97 0.00	33.48 -1.06 0.00	32.85 -1.08 0.00	34.65 -1.26 0.00	39.08 -1.49 0.00	45.15 -1.70 0.00	47.04 -1.68 0.00	50.67 -1.80 0.00	49.72 -1.76 0.00	52.58 -1.74 0.00	54.49 -1.68 0.00	65.69 -2.14 0.00	51.70 -1.76 0.00	53.22 -1.84 0.00	41.06 -1.43 0.00
SITHE___BATAVIA 24024	45.84 -0.18 0.81	38.44 -0.45 0.85	33.62 -0.53 0.01	32.79 -0.82 0.00	31.57 -0.84 0.00	32.18 -0.90 0.05	30.87 -1.07 0.00	30.62 -1.49 0.00	30.27 -1.22 0.00	30.28 -1.06 0.00	33.51 -1.04 0.00	32.97 -0.96 0.00	34.97 -0.94 0.00	39.62 -0.96 0.00	45.91 -0.94 0.00	48.27 -0.45 0.00	52.31 -0.16 0.00	50.97 -0.51 0.00	53.91 -0.42 0.00	56.57 0.41 0.00	68.31 0.48 0.00	51.79 0.39 2.06	53.46 0.59 2.20	39.60 0.06 2.94
SITHE___INDEPEND 23800	45.40 -1.43 0.00	38.59 -1.16 0.00	33.14 -1.02 0.00	32.59 -1.03 0.00	31.42 -0.99 0.00	32.12 -1.01 0.00	30.94 -1.00 0.00	31.06 -1.05 0.00	30.48 -1.01 0.00	30.38 -0.97 0.00	33.48 -1.06 0.00	32.85 -1.08 0.00	34.65 -1.26 0.00	39.08 -1.50 0.00	45.15 -1.70 0.00	47.04 -1.68 0.00	50.67 -1.80 0.00	49.72 -1.76 0.00	52.59 -1.75 0.00	54.49 -1.68 0.00	65.69 -2.14 0.00	51.70 -1.76 0.00	53.21 -1.85 0.00	41.06 -1.43 0.00
SITHE___MASSENA 23902	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.30 0.00	32.67 0.27 0.00	33.39 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.98 0.49 0.00	31.76 0.41 0.00	35.06 0.51 0.00	34.46 0.53 0.00	36.47 0.56 0.00	41.14 0.56 0.00	47.51 0.66 0.00	49.39 0.68 0.00	53.25 0.78 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.56 0.39 0.00	68.48 0.66 0.00	53.95 0.49 0.00	55.69 0.62 0.00	42.99 0.50 0.00
SITHE___OGDNSBRG 24021	48.41 1.58 0.00	40.99 1.24 0.00	35.16 1.00 0.00	34.49 0.87 0.00	33.23 0.83 0.00	33.97 0.84 0.00	32.77 0.83 0.00	33.10 0.99 0.00	32.37 0.87 0.00	31.88 0.54 0.00	35.12 0.58 0.00	34.53 0.60 0.00	36.52 0.61 0.00	41.20 0.63 0.00	47.80 0.95 0.00	49.70 0.98 0.00	53.54 1.07 0.00	52.91 1.43 0.00	55.29 0.96 0.00	57.68 1.51 0.00	70.13 2.30 0.00	55.24 1.78 0.00	56.99 1.93 0.00	43.90 1.41 0.00
SITHE___STERLING 23777	47.79 0.97 0.00	40.49 0.74 0.00	34.76 0.60 0.00	34.18 0.57 0.00	32.95 0.55 0.00	33.75 0.62 0.00	32.53 0.60 0.00	32.65 0.54 0.00	31.93 0.44 0.00	31.77 0.43 0.00	34.98 0.44 0.00	34.22 0.29 0.00	36.17 0.26 0.00	41.04 0.46 0.00	47.61 0.77 0.00	49.63 0.91 0.00	53.51 1.05 0.00	52.71 1.23 0.00	56.24 1.92 0.00	58.44 2.27 0.00	70.44 2.61 0.00	55.35 1.90 0.00	56.83 1.77 0.00	43.69 1.21 0.00
SLEIGHT__34_KV_TB1 80719	46.31 -0.52 0.00	39.14 -0.61 0.00	33.50 -0.66 0.00	32.85 -0.77 0.00	31.63 -0.77 0.00	32.34 -0.79 0.00	31.09 -0.85 0.00	31.03 -1.08 0.00	30.58 -0.91 0.00	30.51 -0.83 0.00	33.76 -0.78 0.00	33.18 -0.75 0.00	35.11 -0.80 0.00	39.87 -0.71 0.00	46.08 -0.76 0.00	48.26 -0.46 0.00	52.01 -0.46 0.00	50.98 -0.50 0.00	54.02 -0.31 0.00	56.33 0.16 0.00	67.78 -0.05 0.00	53.34 -0.12 0.00	54.88 -0.18 0.00	42.09 -0.40 0.00
SOUTH CAIRO___GT 23612	48.61 1.79 0.00	41.28 1.53 0.00	35.53 1.37 0.00	35.12 1.50 0.00	33.85 1.44 0.00	34.59 1.46 0.00	33.34 1.40 0.00	33.39 1.28 0.00	32.46 0.97 0.00	32.24 0.90 0.00	35.15 0.60 0.00	34.56 0.63 0.00	36.70 0.79 0.00	41.33 0.76 0.00	47.62 0.77 0.00	49.50 0.78 0.00	53.49 1.03 0.00	53.12 1.64 0.00	56.62 2.29 0.00	59.21 3.04 0.00	71.36 3.53 0.00	56.14 2.69 0.00	57.60 2.53 0.00	44.29 1.81 0.00
SOUTH HAMPTN___IC 23720	49.90 3.07 0.00	41.69 1.94 0.00	35.75 1.59 0.00	35.49 1.88 0.00	34.23 1.82 0.00	34.86 1.73 0.00	33.85 1.91 0.00	33.85 1.74 0.00	33.22 1.73 0.00	33.40 2.06 0.00	36.91 2.36 0.00	36.21 2.28 0.00	38.66 2.75 0.00	43.55 2.97 0.00	50.23 3.39 0.00	52.29 3.58 0.00	56.06 3.59 0.00	55.16 3.68 0.00	59.03 4.70 0.00	60.32 4.15 0.00	72.17 4.34 0.00	56.86 3.40 0.00	58.16 3.10 0.00	45.66 3.18 0.00
SOUTHDOW__115KV_TB1 355954	47.25 0.42 0.00	39.54 -0.21 0.00	33.72 -0.44 0.00	33.04 -0.58 0.00	31.86 -0.55 0.00	32.52 -0.61 0.00	31.17 -0.77 0.00	30.99 -1.12 0.00	30.81 -0.68 0.00	31.09 -0.25 0.00	34.56 0.02 0.00	33.99 0.06 0.00	35.91 0.00 0.00	40.81 0.23 0.00	47.14 0.29 0.00	49.56 0.84 0.00	53.14 0.67 0.00	51.66 0.18 0.00	55.05 0.72 0.00	57.54 1.37 0.00	69.04 1.21 0.00	54.09 0.63 0.00	55.82 0.75 0.00	42.71 0.22 0.00
SOUTHOLD_69_KV_BK 2 55809	50.46 3.64 0.00	42.20 2.45 0.00	36.09 1.94 0.00	35.75 2.13 0.00	34.49 2.08 0.00	35.16 2.03 0.00	34.09 2.15 0.00	34.06 1.95 0.00	33.42 1.93 0.00	33.66 2.32 0.00	37.16 2.62 0.00	36.44 2.51 0.00	38.88 2.96 0.00	43.78 3.21 0.00	50.62 3.77 0.00	52.86 4.14 0.00	56.84 4.38 0.00	56.01 4.53 0.00	59.92 5.59 0.00	61.38 5.21 0.00	73.37 5.54 0.00	57.85 4.39 0.00	59.12 4.05 0.00	46.42 3.94 0.00
SOUTHOLD___IC 23719	50.47 3.64 0.00	42.20 2.45 0.00	36.09 1.94 0.00	35.75 2.13 0.00	34.49 2.08 0.00	35.16 2.03 0.00	34.09 2.15 0.00	34.06 1.95 0.00	33.42 1.93 0.00	33.66 2.32 0.00	37.18 2.63 0.00	36.44 2.51 0.00	38.88 2.96 0.00	43.79 3.21 0.00	50.62 3.77 0.00	52.86 4.14 0.00	56.85 4.39 0.00	56.01 4.53 0.00	59.92 5.59 0.00	61.37 5.21 0.00	73.37 5.54 0.00	57.85 4.39 0.00	59.12 4.06 0.00	46.42 3.94 0.00
SOUTH_FORK_WT_PWR 323839	50.40 3.58 0.00	42.18 2.42 0.00	36.04 1.88 0.00	35.65 2.03 0.00	34.40 2.00 0.00	35.09 1.96 0.00	34.00 2.06 0.00	33.91 1.80 0.00	33.26 1.77 0.00	33.51 2.17 0.00	36.99 2.44 0.00	36.22 2.29 0.00	38.61 2.69 0.00	43.44 2.86 0.00	50.26 3.41 0.00	52.55 3.83 0.00	56.59 4.12 0.00	55.77 4.29 0.00	59.67 5.34 0.00	61.25 5.08 0.00	73.23 5.40 0.00	57.81 4.35 0.00	59.12 4.05 0.00	46.49 4.01 0.00

SPIERFLS_115KV_TB 1 80737	48.50 1.68 0.00	41.29 1.55 0.00	35.47 1.31 0.00	34.86 1.25 0.00	33.57 1.17 0.00	34.35 1.22 0.00	33.13 1.19 0.00	33.12 1.01 0.00	32.13 0.64 0.00	31.81 0.47 0.00	34.82 0.28 0.00	34.26 0.33 0.00	36.44 0.53 0.00	40.92 0.35 0.00	47.08 0.24 0.00	48.81 0.09 0.00	52.71 0.24 0.00	52.36 0.89 0.00	56.43 2.10 0.00	58.70 2.53 0.00	70.92 3.10 0.00	55.81 2.35 0.00	57.46 2.39 0.00	44.22 1.74 0.00
ST LAWRENCE____ 23600	46.96 0.14 0.00	39.83 0.08 0.00	34.20 0.04 0.00	33.59 -0.03 0.00	32.36 -0.04 0.00	33.06 -0.07 0.00	31.90 -0.04 0.00	32.23 0.12 0.00	31.65 0.16 0.00	31.47 0.13 0.00	34.74 0.20 0.00	34.16 0.22 0.00	36.15 0.24 0.00	40.76 0.19 0.00	47.07 0.22 0.00	48.93 0.21 0.00	52.74 0.27 0.00	51.85 0.37 0.00	54.27 -0.06 0.00	55.93 -0.24 0.00	67.69 -0.14 0.00	53.40 -0.06 0.00	55.10 0.04 0.00	42.52 0.04 0.00
STATE_CA_115KV_115_LB 55624	47.15 0.33 0.00	40.13 0.38 0.00	34.63 0.47 0.00	34.29 0.67 0.00	33.04 0.64 0.00	33.78 0.64 0.00	32.56 0.62 0.00	32.65 0.55 0.00	31.95 0.45 0.00	31.72 0.38 0.00	34.73 0.19 0.00	34.09 0.15 0.00	36.17 0.26 0.00	40.82 0.25 0.00	46.95 0.10 0.00	48.76 0.04 0.00	52.55 0.08 0.00	51.71 0.23 0.00	54.83 0.50 0.00	56.82 0.65 0.00	68.30 0.47 0.00	53.82 0.36 0.00	55.40 0.34 0.00	42.80 0.32 0.00
STATE_ST_34_KV_LOAD 55959	47.00 0.17 0.00	39.85 0.10 0.00	34.06 -0.10 0.00	33.55 -0.08 0.00	32.36 -0.04 0.00	33.11 -0.02 0.00	31.88 -0.06 0.00	31.82 -0.29 0.00	31.30 -0.20 0.00	31.15 -0.19 0.00	34.31 -0.24 0.00	33.64 -0.30 0.00	35.58 -0.33 0.00	40.17 -0.40 0.00	46.58 -0.27 0.00	48.55 -0.17 0.00	52.49 0.02 0.00	51.64 0.16 0.00	54.58 0.25 0.00	56.97 0.80 0.00	68.46 0.63 0.00	53.93 0.47 0.00	55.40 0.34 0.00	42.52 0.03 0.00
STATION 5_MISC_HYD 23604	46.02 -0.28 0.52	38.73 -0.47 0.55	33.63 -0.53 0.00	32.89 -0.73 0.00	31.67 -0.74 0.00	32.30 -0.80 0.03	31.04 -0.90 0.00	30.96 -1.15 0.00	30.66 -0.82 0.00	30.79 -0.55 0.00	34.15 -0.39 0.00	33.63 -0.31 0.00	35.60 -0.31 0.00	40.39 -0.18 0.00	46.65 -0.20 0.00	48.90 0.19 0.00	52.71 0.24 0.00	51.57 0.09 0.00	54.61 0.28 0.00	56.80 0.63 0.00	68.26 0.43 0.00	52.38 0.25 1.32	53.98 0.33 1.41	40.56 -0.04 1.89
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.58 -0.24 0.00	39.36 -0.39 0.00	33.70 -0.46 0.00	33.02 -0.60 0.00	31.81 -0.59 0.00	32.50 -0.63 0.00	31.24 -0.70 0.00	31.20 -0.91 0.00	30.79 -0.70 0.00	30.82 -0.52 0.00	34.11 -0.43 0.00	33.55 -0.38 0.00	35.51 -0.41 0.00	40.30 -0.27 0.00	46.59 -0.26 0.00	48.77 0.06 0.00	52.59 0.12 0.00	51.56 0.08 0.00	54.67 0.34 0.00	56.83 0.66 0.00	68.34 0.51 0.00	53.67 0.21 0.00	55.23 0.17 0.00	42.41 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.24 -0.58 0.00	39.05 -0.71 0.00	33.44 -0.72 0.00	32.71 -0.91 0.00	31.49 -0.91 0.00	32.16 -0.97 0.00	30.89 -1.05 0.00	30.81 -1.30 0.00	30.51 -0.98 0.00	30.63 -0.72 0.00	33.97 -0.58 0.00	33.45 -0.49 0.00	35.39 -0.52 0.00	40.15 -0.42 0.00	46.38 -0.47 0.00	48.62 -0.10 0.00	52.40 -0.07 0.00	51.28 -0.19 0.00	54.28 -0.05 0.00	56.43 0.26 0.00	67.81 -0.01 0.00	53.34 -0.12 0.00	54.99 -0.07 0.00	42.15 -0.33 0.00
STA_56____34_KV_BUS2 355983	46.24 -0.58 0.00	39.05 -0.71 0.00	33.44 -0.72 0.00	32.71 -0.91 0.00	31.49 -0.91 0.00	32.16 -0.97 0.00	30.89 -1.05 0.00	30.81 -1.30 0.00	30.51 -0.98 0.00	30.63 -0.72 0.00	33.97 -0.58 0.00	33.45 -0.49 0.00	35.39 -0.52 0.00	40.15 -0.42 0.00	46.38 -0.47 0.00	48.62 -0.10 0.00	52.40 -0.07 0.00	51.28 -0.19 0.00	54.28 -0.05 0.00	56.43 0.26 0.00	67.81 -0.01 0.00	53.34 -0.12 0.00	54.99 -0.07 0.00	42.15 -0.33 0.00
STA_67____115KV_BK2 355882	46.42 -0.41 0.00	39.18 -0.57 0.00	33.54 -0.62 0.00	32.81 -0.80 0.00	31.59 -0.81 0.00	32.26 -0.87 0.00	30.98 -0.96 0.00	30.89 -1.22 0.00	30.60 -0.89 0.00	30.72 -0.63 0.00	34.06 -0.48 0.00	33.54 -0.39 0.00	35.49 -0.42 0.00	40.25 -0.32 0.00	46.49 -0.36 0.00	48.75 0.03 0.00	52.52 0.05 0.00	51.39 -0.09 0.00	54.40 0.07 0.00	56.56 0.39 0.00	68.01 0.18 0.00	53.51 0.05 0.00	55.21 0.14 0.00	42.32 -0.17 0.00
STA_7____115KV_9TRANS 80674	46.84 0.01 0.00	39.52 -0.23 0.00	33.81 -0.35 0.00	33.08 -0.54 0.00	31.84 -0.57 0.00	32.51 -0.62 0.00	31.21 -0.73 0.00	31.12 -0.99 0.00	30.83 -0.66 0.00	30.98 -0.36 0.00	34.38 -0.16 0.00	33.87 -0.06 0.00	35.88 -0.04 0.00	40.72 0.14 0.00	47.04 0.19 0.00	49.34 0.63 0.00	53.17 0.70 0.00	52.05 0.57 0.00	55.14 0.81 0.00	57.33 1.16 0.00	68.87 1.04 0.00	54.15 0.69 0.00	55.81 0.74 0.00	42.73 0.25 0.00
STA_82____115KV_TB1 80780	46.35 -0.47 0.00	39.13 -0.62 0.00	33.51 -0.66 0.00	32.77 -0.84 0.00	31.56 -0.85 0.00	32.22 -0.91 0.00	30.94 -1.00 0.00	30.85 -1.25 0.00	30.56 -0.94 0.00	30.67 -0.67 0.00	34.01 -0.54 0.00	33.48 -0.45 0.00	35.42 -0.49 0.00	40.18 -0.40 0.00	46.39 -0.45 0.00	48.65 -0.07 0.00	52.41 -0.06 0.00	51.29 -0.19 0.00	54.29 -0.04 0.00	56.45 0.28 0.00	67.91 0.08 0.00	53.43 -0.03 0.00	55.12 0.05 0.00	42.25 -0.23 0.00
STEEL____WIND 323596	44.67 -0.96 1.20	37.31 -1.18 1.27	32.95 -1.20 0.01	32.17 -1.45 0.00	30.99 -1.41 0.00	31.55 -1.50 0.07	30.29 -1.65 0.00	30.09 -2.01 0.00	29.96 -1.53 0.00	30.22 -1.12 0.00	33.57 -0.98 0.00	33.03 -0.90 0.00	34.88 -1.03 0.00	39.63 -0.94 0.00	45.73 -1.12 0.00	48.09 -0.63 0.00	51.68 -0.79 0.00	50.24 -1.24 0.00	53.17 -1.16 0.00	55.48 -0.69 0.00	66.64 -1.19 0.00	49.46 -0.95 3.05	51.21 -0.60 3.26	37.41 -0.72 4.36
STEPHTWN_115KV_BK_2 55603	47.41 0.58 0.00	40.35 0.60 0.00	34.73 0.57 0.00	34.38 0.76 0.00	33.15 0.74 0.00	33.82 0.70 0.00	32.65 0.72 0.00	32.77 0.66 0.00	32.01 0.52 0.00	31.84 0.50 0.00	34.83 0.28 0.00	34.22 0.29 0.00	36.32 0.41 0.00	41.03 0.45 0.00	47.23 0.39 0.00	49.09 0.37 0.00	52.88 0.41 0.00	52.07 0.59 0.00	55.22 0.89 0.00	57.23 1.07 0.00	68.80 0.97 0.00	54.11 0.65 0.00	55.74 0.68 0.00	43.00 0.52 0.00
STEUBEN_REC_LFGE 323667	47.15 0.32 0.00	39.69 -0.06 0.00	33.89 -0.27 0.00	33.13 -0.49 0.00	32.03 -0.37 0.00	32.76 -0.37 0.00	31.37 -0.57 0.00	31.13 -0.98 0.00	30.45 -1.05 0.00	30.56 -0.78 0.00	33.89 -0.65 0.00	33.27 -0.66 0.00	35.31 -0.61 0.00	40.21 -0.36 0.00	46.52 -0.32 0.00	48.61 -0.10 0.00	52.06 -0.41 0.00	51.04 -0.44 0.00	54.60 0.27 0.00	57.07 0.90 0.00	69.08 1.25 0.00	54.29 0.83 0.00	55.99 0.93 0.00	42.95 0.46 0.00
STILLWATER____SOLAR 323814	48.46 1.63 0.00	41.23 1.49 0.00	35.44 1.28 0.00	34.88 1.26 0.00	33.62 1.21 0.00	34.38 1.25 0.00	33.14 1.20 0.00	33.16 1.05 0.00	32.29 0.79 0.00	31.98 0.64 0.00	35.14 0.60 0.00	34.51 0.59 0.00	36.64 0.73 0.00	41.29 0.71 0.00	47.51 0.67 0.00	49.30 0.58 0.00	53.18 0.71 0.00	52.61 1.13 0.00	56.16 1.83 0.00	58.41 2.24 0.00	70.35 2.52 0.00	55.45 1.99 0.00	57.13 2.07 0.00	44.01 1.52 0.00

STONY___BROOK 24151	49.28 2.45 0.00	41.40 1.64 0.00	35.55 1.39 0.00	35.25 1.63 0.00	33.96 1.56 0.00	34.56 1.43 0.00	33.52 1.58 0.00	33.57 1.47 0.00	32.95 1.46 0.00	33.06 1.72 0.00	36.54 2.00 0.00	35.98 2.05 0.00	38.46 2.55 0.00	43.44 2.87 0.00	50.00 3.15 0.00	51.91 3.19 0.00	55.61 3.14 0.00	54.43 2.95 0.00	58.10 3.77 0.00	59.36 3.19 0.00	71.16 3.33 0.00	55.95 2.49 0.00	57.38 2.32 0.00	45.05 2.56 0.00
STURGEON_POOL_HYD 23609	48.15 1.33 0.00	40.80 1.05 0.00	35.06 0.90 0.00	34.55 0.93 0.00	33.33 0.93 0.00	33.99 0.86 0.00	32.77 0.82 0.00	32.94 0.83 0.00	32.28 0.79 0.00	32.22 0.88 0.00	35.62 1.07 0.00	35.11 1.17 0.00	37.35 1.44 0.00	42.44 1.87 0.00	49.13 2.29 0.00	51.04 2.33 0.00	54.94 2.47 0.00	53.67 2.18 0.00	57.07 2.74 0.00	59.01 2.84 0.00	70.96 3.13 0.00	55.54 2.07 0.00	56.97 1.90 0.00	43.98 1.49 0.00
ST_LAW_115_BK7_LBMP 345037	46.96 0.13 0.00	39.82 0.07 0.00	34.20 0.04 0.00	33.58 -0.04 0.00	32.34 -0.06 0.00	33.05 -0.08 0.00	31.89 -0.04 0.00	32.23 0.12 0.00	31.66 0.17 0.00	31.46 0.12 0.00	34.74 0.20 0.00	34.15 0.22 0.00	36.15 0.23 0.00	40.75 0.18 0.00	47.05 0.20 0.00	48.93 0.21 0.00	52.74 0.27 0.00	51.84 0.36 0.00	54.26 -0.07 0.00	55.89 -0.28 0.00	67.64 -0.19 0.00	53.37 -0.09 0.00	55.09 0.03 0.00	42.52 0.03 0.00
ST_LAW_115_BK8_LBMP 345038	46.96 0.13 0.00	39.82 0.07 0.00	34.20 0.04 0.00	33.58 -0.04 0.00	32.34 -0.06 0.00	33.05 -0.08 0.00	31.89 -0.04 0.00	32.23 0.12 0.00	31.66 0.17 0.00	31.46 0.12 0.00	34.74 0.20 0.00	34.15 0.22 0.00	36.15 0.23 0.00	40.75 0.18 0.00	47.05 0.20 0.00	48.93 0.21 0.00	52.74 0.27 0.00	51.84 0.36 0.00	54.26 -0.07 0.00	55.89 -0.28 0.00	67.64 -0.19 0.00	53.37 -0.09 0.00	55.09 0.03 0.00	42.52 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	46.96 0.14 0.00	39.83 0.08 0.00	34.20 0.04 0.00	33.59 -0.03 0.00	32.36 -0.04 0.00	33.06 -0.07 0.00	31.90 -0.04 0.00	32.23 0.12 0.00	31.65 0.16 0.00	31.47 0.13 0.00	34.74 0.20 0.00	34.16 0.22 0.00	36.15 0.24 0.00	40.76 0.19 0.00	47.07 0.22 0.00	48.93 0.21 0.00	52.74 0.27 0.00	51.85 0.37 0.00	54.27 -0.06 0.00	55.93 -0.24 0.00	67.69 -0.14 0.00	53.40 -0.06 0.00	55.10 0.04 0.00	42.52 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	46.96 0.14 0.00	39.83 0.08 0.00	34.20 0.04 0.00	33.59 -0.03 0.00	32.36 -0.04 0.00	33.06 -0.07 0.00	31.90 -0.04 0.00	32.23 0.12 0.00	31.65 0.16 0.00	31.47 0.13 0.00	34.74 0.20 0.00	34.16 0.22 0.00	36.15 0.24 0.00	40.76 0.19 0.00	47.07 0.22 0.00	48.93 0.21 0.00	52.74 0.27 0.00	51.85 0.37 0.00	54.27 -0.06 0.00	55.93 -0.24 0.00	67.69 -0.14 0.00	53.40 -0.06 0.00	55.10 0.04 0.00	42.52 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.12 1.30 0.00	40.73 0.98 0.00	35.01 0.85 0.00	34.51 0.90 0.00	33.28 0.88 0.00	33.93 0.80 0.00	32.71 0.77 0.00	32.88 0.77 0.00	32.22 0.73 0.00	32.19 0.84 0.00	35.59 1.05 0.00	35.12 1.19 0.00	37.36 1.45 0.00	42.42 1.85 0.00	49.09 2.24 0.00	51.01 2.29 0.00	54.94 2.47 0.00	53.64 2.15 0.00	57.12 2.79 0.00	59.05 2.88 0.00	71.00 3.17 0.00	55.52 2.06 0.00	56.97 1.91 0.00	43.99 1.50 0.00
SWANROAD_115KV_TB1 355699	44.39 -2.43 0.00	37.44 -2.31 0.00	32.14 -2.02 0.00	31.31 -2.30 0.00	30.14 -2.27 0.00	30.78 -2.35 0.00	29.47 -2.47 0.00	29.22 -2.89 0.00	29.15 -2.34 0.00	29.34 -2.01 0.00	32.57 -1.97 0.00	32.10 -1.83 0.00	33.86 -2.05 0.00	38.40 -2.17 0.00	44.22 -2.63 0.00	46.53 -2.19 0.00	50.00 -2.47 0.00	48.34 -3.15 0.00	51.02 -3.31 0.00	53.22 -2.95 0.00	64.02 -3.82 0.00	50.56 -2.90 0.00	52.59 -2.48 0.00	40.31 -2.18 0.00
SYNERGY___BIOGAS 323694	46.63 -0.19 0.00	39.29 -0.47 0.00	33.63 -0.53 0.00	32.79 -0.82 0.00	31.57 -0.83 0.00	32.23 -0.90 0.00	30.87 -1.06 0.00	30.62 -1.49 0.00	30.27 -1.22 0.00	30.27 -1.07 0.00	33.52 -1.03 0.00	32.98 -0.95 0.00	34.97 -0.94 0.00	39.61 -0.96 0.00	45.91 -0.93 0.00	48.29 -0.43 0.00	52.32 -0.15 0.00	50.98 -0.50 0.00	53.91 -0.42 0.00	56.56 0.39 0.00	68.32 0.49 0.00	53.85 0.38 0.00	55.64 0.58 0.00	42.54 0.06 0.00
SYRACUSE___ENERGY_ST1 323597	46.57 -0.26 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.13 -0.28 0.00	32.86 -0.28 0.00	31.64 -0.30 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.30 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.34 0.17 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.82 -0.24 0.00	42.21 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	46.57 -0.26 0.00	39.51 -0.24 0.00	33.88 -0.28 0.00	33.32 -0.30 0.00	32.13 -0.28 0.00	32.86 -0.28 0.00	31.64 -0.30 0.00	31.72 -0.39 0.00	31.14 -0.35 0.00	31.02 -0.32 0.00	34.21 -0.33 0.00	33.56 -0.37 0.00	35.44 -0.47 0.00	40.09 -0.48 0.00	46.37 -0.48 0.00	48.35 -0.37 0.00	52.17 -0.30 0.00	51.23 -0.25 0.00	54.31 -0.02 0.00	56.34 0.17 0.00	67.85 0.02 0.00	53.33 -0.13 0.00	54.82 -0.24 0.00	42.21 -0.28 0.00
SYRACUSE___POWER 24017	46.59 -0.23 0.00	39.50 -0.25 0.00	33.91 -0.25 0.00	33.31 -0.30 0.00	32.12 -0.28 0.00	32.84 -0.29 0.00	31.63 -0.31 0.00	31.73 -0.38 0.00	31.14 -0.35 0.00	31.05 -0.29 0.00	34.23 -0.31 0.00	33.59 -0.34 0.00	35.50 -0.42 0.00	40.19 -0.39 0.00	46.48 -0.37 0.00	48.50 -0.22 0.00	52.29 -0.18 0.00	51.33 -0.15 0.00	54.45 0.12 0.00	56.42 0.25 0.00	67.94 0.11 0.00	53.39 -0.07 0.00	54.89 -0.17 0.00	42.27 -0.22 0.00
TALLMAN__138KV_BK151 55660	48.34 1.51 0.00	40.89 1.14 0.00	35.14 0.98 0.00	34.65 1.03 0.00	33.42 1.01 0.00	34.06 0.93 0.00	32.83 0.90 0.00	33.00 0.90 0.00	32.35 0.86 0.00	32.37 1.03 0.00	35.84 1.30 0.00	35.38 1.45 0.00	37.66 1.75 0.00	42.80 2.23 0.00	49.52 2.68 0.00	51.44 2.72 0.00	55.37 2.90 0.00	53.98 2.50 0.00	57.51 3.18 0.00	59.45 3.28 0.00	71.46 3.63 0.00	55.84 2.38 0.00	57.28 2.21 0.00	44.24 1.75 0.00
TEALLAVE_115KV_TB7 355573	46.35 -0.47 0.00	39.32 -0.43 0.00	33.75 -0.41 0.00	33.17 -0.45 0.00	31.97 -0.43 0.00	32.69 -0.44 0.00	31.48 -0.46 0.00	31.58 -0.53 0.00	31.01 -0.48 0.00	30.92 -0.41 0.00	34.12 -0.43 0.00	33.48 -0.45 0.00	35.38 -0.53 0.00	40.03 -0.54 0.00	46.28 -0.57 0.00	48.27 -0.44 0.00	52.06 -0.40 0.00	51.08 -0.40 0.00	54.14 -0.19 0.00	56.09 -0.08 0.00	67.54 -0.28 0.00	53.08 -0.38 0.00	54.61 -0.46 0.00	42.05 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	45.59 -1.23 0.00	38.42 -1.33 0.00	32.93 -1.23 0.00	32.09 -1.53 0.00	30.89 -1.51 0.00	31.54 -1.59 0.00	30.20 -1.73 0.00	29.97 -2.14 0.00	29.80 -1.70 0.00	29.94 -1.40 0.00	33.22 -1.32 0.00	32.72 -1.21 0.00	34.57 -1.34 0.00	39.22 -1.35 0.00	45.31 -1.54 0.00	47.65 -1.06 0.00	51.33 -1.14 0.00	49.83 -1.66 0.00	52.68 -1.65 0.00	55.04 -1.13 0.00	66.28 -1.55 0.00	52.32 -1.15 0.00	54.24 -0.83 0.00	41.50 -0.98 0.00

TEMPLE___115KV_TB 2 55572	46.37 -0.45 0.00	39.34 -0.41 0.00	33.75 -0.41 0.00	33.18 -0.44 0.00	31.98 -0.42 0.00	32.70 -0.43 0.00	31.49 -0.45 0.00	31.59 -0.52 0.00	31.01 -0.48 0.00	30.93 -0.41 0.00	34.12 -0.42 0.00	33.49 -0.44 0.00	35.39 -0.52 0.00	40.05 -0.52 0.00	46.30 -0.54 0.00	48.31 -0.41 0.00	52.08 -0.39 0.00	51.10 -0.38 0.00	54.17 -0.16 0.00	56.10 -0.07 0.00	67.57 -0.26 0.00	53.10 -0.36 0.00	54.61 -0.46 0.00	42.06 -0.43 0.00
TIANA___69_KV_BK 1 55817	49.72 2.90 0.00	41.56 1.81 0.00	35.65 1.49 0.00	35.43 1.81 0.00	34.15 1.74 0.00	34.77 1.64 0.00	33.78 1.84 0.00	33.79 1.68 0.00	33.17 1.68 0.00	33.33 1.98 0.00	36.81 2.27 0.00	36.15 2.22 0.00	38.61 2.70 0.00	43.50 2.93 0.00	50.14 3.29 0.00	52.18 3.46 0.00	55.86 3.39 0.00	54.96 3.48 0.00	58.83 4.50 0.00	60.05 3.89 0.00	71.88 4.05 0.00	56.63 3.17 0.00	57.92 2.85 0.00	45.46 2.98 0.00
TILDEN___115KV_TB1 80814	46.59 -0.23 0.00	39.50 -0.25 0.00	33.91 -0.25 0.00	33.31 -0.30 0.00	32.12 -0.28 0.00	32.84 -0.29 0.00	31.63 -0.31 0.00	31.73 -0.38 0.00	31.14 -0.35 0.00	31.05 -0.29 0.00	34.23 -0.31 0.00	33.59 -0.34 0.00	35.50 -0.42 0.00	40.19 -0.39 0.00	46.48 -0.37 0.00	48.50 -0.22 0.00	52.29 -0.18 0.00	51.33 -0.15 0.00	54.45 0.12 0.00	56.42 0.25 0.00	67.94 0.11 0.00	53.39 -0.07 0.00	54.89 -0.17 0.00	42.27 -0.22 0.00
TRIGEN___CC 323695	48.76 1.94 0.00	41.21 1.46 0.00	35.39 1.23 0.00	34.98 1.37 0.00	33.72 1.32 0.00	34.32 1.19 0.00	33.16 1.23 0.00	33.30 1.19 0.00	32.67 1.18 0.00	32.74 1.41 0.00	36.23 1.68 0.00	35.75 1.82 0.00	38.14 2.23 0.00	43.20 2.62 0.00	49.80 2.95 0.00	51.69 2.97 0.00	55.54 3.07 0.00	54.20 2.72 0.00	57.74 3.41 0.00	59.35 3.18 0.00	71.36 3.53 0.00	55.97 2.51 0.00	57.36 2.30 0.00	44.71 2.22 0.00
TRINITY___115KV___ 4 BK 55933	46.92 0.09 0.00	39.97 0.22 0.00	34.49 0.32 0.00	34.15 0.53 0.00	32.91 0.51 0.00	33.64 0.51 0.00	32.44 0.50 0.00	32.54 0.43 0.00	31.82 0.33 0.00	31.58 0.24 0.00	34.57 0.03 0.00	33.91 -0.02 0.00	35.98 0.06 0.00	40.62 0.04 0.00	46.71 -0.14 0.00	48.46 -0.26 0.00	52.19 -0.28 0.00	51.35 -0.13 0.00	54.41 0.08 0.00	56.42 0.24 0.00	67.82 -0.01 0.00	53.47 0.01 0.00	55.09 0.03 0.00	42.57 0.08 0.00
UNION___PROCESSING_DRP 323587	46.37 -0.45 0.00	39.13 -0.62 0.00	33.51 -0.65 0.00	32.78 -0.83 0.00	31.56 -0.84 0.00	32.22 -0.90 0.00	30.95 -0.99 0.00	30.86 -1.24 0.00	30.56 -0.93 0.00	30.67 -0.67 0.00	34.01 -0.53 0.00	33.49 -0.45 0.00	35.42 -0.49 0.00	40.18 -0.39 0.00	46.41 -0.44 0.00	48.66 -0.06 0.00	52.43 -0.04 0.00	51.29 -0.19 0.00	54.30 -0.03 0.00	56.48 0.31 0.00	67.92 0.09 0.00	53.44 -0.02 0.00	55.13 0.06 0.00	42.27 -0.22 0.00
UPPER HUDSON___HYD 24058	48.50 1.68 0.00	41.29 1.54 0.00	35.47 1.31 0.00	34.86 1.24 0.00	33.57 1.17 0.00	34.35 1.22 0.00	33.13 1.19 0.00	33.12 1.01 0.00	32.13 0.64 0.00	31.81 0.47 0.00	34.82 0.28 0.00	34.26 0.33 0.00	36.44 0.53 0.00	40.93 0.35 0.00	47.08 0.24 0.00	48.81 0.09 0.00	52.71 0.24 0.00	52.36 0.89 0.00	56.44 2.11 0.00	58.69 2.53 0.00	70.93 3.10 0.00	55.81 2.35 0.00	57.46 2.39 0.00	44.22 1.74 0.00
UPPER RAQUET___HYD 24056	47.49 0.67 0.00	40.23 0.48 0.00	34.51 0.36 0.00	33.88 0.26 0.00	32.64 0.23 0.00	33.39 0.27 0.00	32.22 0.29 0.00	32.55 0.44 0.00	31.92 0.43 0.00	31.64 0.30 0.00	34.92 0.37 0.00	34.31 0.38 0.00	36.29 0.38 0.00	40.98 0.40 0.00	47.36 0.51 0.00	49.24 0.52 0.00	53.10 0.64 0.00	52.34 0.86 0.00	54.81 0.48 0.00	56.87 0.70 0.00	68.89 1.06 0.00	54.25 0.79 0.00	55.94 0.88 0.00	43.12 0.63 0.00
VALLEY44_115KV_TB2 355964	46.12 -0.70 0.00	38.73 -1.02 0.00	33.07 -1.09 0.00	32.39 -1.23 0.00	31.23 -1.17 0.00	31.88 -1.25 0.00	30.57 -1.37 0.00	30.46 -1.65 0.00	30.20 -1.29 0.00	30.41 -0.93 0.00	33.76 -0.79 0.00	33.06 -0.87 0.00	34.83 -1.08 0.00	39.64 -0.94 0.00	45.70 -1.15 0.00	47.92 -0.80 0.00	51.60 -0.87 0.00	50.14 -1.34 0.00	53.29 -1.04 0.00	55.60 -0.57 0.00	66.71 -1.12 0.00	52.46 -1.00 0.00	54.36 -0.71 0.00	41.71 -0.78 0.00
VALLEY___115KV_TB 1-4 80826	47.36 0.53 0.00	40.20 0.45 0.00	34.56 0.40 0.00	34.08 0.46 0.00	32.88 0.47 0.00	33.61 0.48 0.00	32.35 0.42 0.00	32.42 0.31 0.00	31.52 0.03 0.00	31.31 -0.03 0.00	34.36 -0.19 0.00	33.67 -0.26 0.00	35.58 -0.33 0.00	40.23 -0.35 0.00	46.45 -0.40 0.00	48.30 -0.42 0.00	52.22 -0.25 0.00	51.50 0.02 0.00	55.15 0.82 0.00	57.50 1.33 0.00	69.26 1.43 0.00	54.44 0.98 0.00	55.91 0.85 0.00	43.16 0.68 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.97 1.15 0.00	40.64 0.88 0.00	34.87 0.72 0.00	34.33 0.72 0.00	33.12 0.72 0.00	33.90 0.77 0.00	32.66 0.72 0.00	32.90 0.79 0.00	32.33 0.84 0.00	32.21 0.86 0.00	35.47 0.92 0.00	34.87 0.94 0.00	37.00 1.08 0.00	41.95 1.38 0.00	48.46 1.61 0.00	50.47 1.75 0.00	54.31 1.85 0.00	53.09 1.61 0.00	56.35 2.02 0.00	58.27 2.10 0.00	70.06 2.23 0.00	55.00 1.54 0.00	56.52 1.45 0.00	43.57 1.09 0.00
VISCHER___FERRY HYD 24020	47.78 0.96 0.00	40.68 0.93 0.00	35.04 0.88 0.00	34.54 0.93 0.00	33.27 0.87 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.89 0.78 0.00	32.08 0.59 0.00	31.82 0.48 0.00	34.95 0.40 0.00	34.26 0.32 0.00	36.30 0.39 0.00	41.00 0.43 0.00	47.18 0.33 0.00	48.90 0.18 0.00	52.66 0.19 0.00	51.90 0.42 0.00	55.06 0.73 0.00	57.19 1.02 0.00	68.80 0.97 0.00	54.35 0.89 0.00	56.09 1.03 0.00	43.25 0.77 0.00
V_A_10_SYNC_DSASP 323832	45.25 -1.57 0.00	38.16 -1.59 0.00	32.68 -1.48 0.00	31.93 -1.68 0.00	30.75 -1.65 0.00	31.39 -1.74 0.00	30.11 -1.83 0.00	29.98 -2.13 0.00	29.82 -1.67 0.00	30.01 -1.34 0.00	33.28 -1.26 0.00	32.73 -1.20 0.00	34.54 -1.37 0.00	39.17 -1.40 0.00	45.17 -1.68 0.00	47.42 -1.30 0.00	50.98 -1.49 0.00	49.63 -1.85 0.00	52.48 -1.85 0.00	54.64 -1.53 0.00	65.70 -2.13 0.00	51.80 -1.67 0.00	53.69 -1.37 0.00	41.20 -1.29 0.00
V_CMM_10_SYNC_DSASP 323787	47.16 0.34 0.00	39.99 0.24 0.00	34.34 0.18 0.00	33.72 0.10 0.00	32.49 0.08 0.00	33.19 0.06 0.00	32.03 0.09 0.00	32.36 0.25 0.00	31.81 0.32 0.00	31.60 0.26 0.00	34.89 0.34 0.00	34.30 0.37 0.00	36.31 0.39 0.00	40.93 0.35 0.00	47.25 0.40 0.00	49.12 0.40 0.00	52.95 0.48 0.00	52.12 0.64 0.00	54.57 0.24 0.00	56.20 0.03 0.00	67.94 0.11 0.00	53.59 0.13 0.00	55.37 0.30 0.00	42.68 0.19 0.00
V_CMP_10_SYNC_DSASP 323788	47.72 0.90 0.00	40.51 0.76 0.00	34.80 0.64 0.00	34.16 0.54 0.00	32.88 0.47 0.00	33.58 0.45 0.00	32.40 0.46 0.00	32.67 0.56 0.00	32.06 0.57 0.00	31.87 0.53 0.00	35.20 0.66 0.00	34.59 0.66 0.00	36.71 0.80 0.00	41.42 0.85 0.00	47.89 1.04 0.00	49.77 1.05 0.00	53.58 1.11 0.00	52.84 1.36 0.00	55.42 1.09 0.00	57.17 1.00 0.00	68.98 1.15 0.00	54.15 0.69 0.00	55.86 0.79 0.00	43.15 0.67 0.00

V_D_10_SYNC_DSASP 323841	47.48 0.66 0.00	40.23 0.48 0.00	34.54 0.38 0.00	33.91 0.30 0.00	32.67 0.27 0.00	33.39 0.26 0.00	32.22 0.28 0.00	32.56 0.45 0.00	31.98 0.48 0.00	31.75 0.41 0.00	35.06 0.51 0.00	34.47 0.53 0.00	36.48 0.57 0.00	41.14 0.56 0.00	47.51 0.66 0.00	49.39 0.67 0.00	53.25 0.78 0.00	52.35 0.87 0.00	54.78 0.45 0.00	56.54 0.37 0.00	68.48 0.65 0.00	53.95 0.49 0.00	55.69 0.63 0.00	42.98 0.50 0.00
V_E_10_SYNC_DSASP 323830	48.63 1.81 0.00	41.05 1.30 0.00	35.24 1.08 0.00	34.83 1.21 0.00	33.78 1.37 0.00	34.54 1.41 0.00	33.32 1.38 0.00	33.61 1.50 0.00	33.10 1.61 0.00	32.83 1.49 0.00	35.93 1.39 0.00	34.79 0.86 0.00	36.68 0.77 0.00	41.49 0.92 0.00	48.56 1.71 0.00	51.39 2.67 0.00	55.35 2.89 0.00	55.18 3.70 0.00	58.67 4.35 0.00	61.30 5.13 0.00	73.84 6.01 0.00	57.97 4.51 0.00	59.37 4.31 0.00	45.53 3.05 0.00
V_F_30_NSYNC___DSASP 323816	48.51 1.69 0.00	41.28 1.53 0.00	35.47 1.31 0.00	34.91 1.29 0.00	33.64 1.23 0.00	34.41 1.28 0.00	33.16 1.22 0.00	33.20 1.09 0.00	32.34 0.85 0.00	32.06 0.72 0.00	35.23 0.68 0.00	34.60 0.67 0.00	36.73 0.82 0.00	41.38 0.80 0.00	47.64 0.80 0.00	49.45 0.73 0.00	53.35 0.89 0.00	52.75 1.27 0.00	56.30 1.97 0.00	58.53 2.36 0.00	70.48 2.65 0.00	55.54 2.08 0.00	57.21 2.14 0.00	44.07 1.58 0.00
V_F_30_SYNC_DSASP 323786	47.14 0.32 0.00	40.13 0.38 0.00	34.63 0.47 0.00	34.29 0.67 0.00	33.04 0.64 0.00	33.77 0.64 0.00	32.56 0.62 0.00	32.65 0.55 0.00	31.95 0.45 0.00	31.72 0.37 0.00	34.73 0.19 0.00	34.09 0.15 0.00	36.17 0.26 0.00	40.81 0.24 0.00	46.95 0.10 0.00	48.75 0.04 0.00	52.54 0.07 0.00	51.70 0.22 0.00	54.82 0.49 0.00	56.82 0.65 0.00	68.30 0.47 0.00	53.81 0.35 0.00	55.40 0.34 0.00	42.80 0.32 0.00
V_XM_10_SYNC_DSASP 323789	47.72 0.90 0.00	40.51 0.76 0.00	34.80 0.64 0.00	34.16 0.54 0.00	32.88 0.47 0.00	33.58 0.45 0.00	32.40 0.46 0.00	32.67 0.56 0.00	32.06 0.57 0.00	31.87 0.53 0.00	35.20 0.66 0.00	34.59 0.66 0.00	36.71 0.80 0.00	41.42 0.85 0.00	47.89 1.04 0.00	49.77 1.05 0.00	53.58 1.11 0.00	52.84 1.36 0.00	55.42 1.09 0.00	57.17 1.00 0.00	68.98 1.15 0.00	54.15 0.69 0.00	55.86 0.79 0.00	43.15 0.67 0.00
W.BABYLN_69_KV_BK1 56697	49.62 2.80 0.00	41.77 2.02 0.00	35.86 1.70 0.00	35.48 1.86 0.00	34.19 1.78 0.00	34.79 1.66 0.00	33.66 1.72 0.00	33.77 1.66 0.00	33.11 1.62 0.00	33.23 1.88 0.00	36.73 2.18 0.00	36.21 2.28 0.00	38.70 2.79 0.00	43.81 3.23 0.00	50.45 3.60 0.00	52.39 3.67 0.00	56.25 3.78 0.00	55.00 3.52 0.00	58.67 4.34 0.00	60.17 4.00 0.00	72.16 4.32 0.00	56.63 3.17 0.00	58.02 2.95 0.00	45.44 2.96 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.55 1.72 0.00	41.07 1.32 0.00	35.29 1.13 0.00	34.80 1.18 0.00	33.56 1.16 0.00	34.20 1.07 0.00	32.98 1.04 0.00	33.15 1.04 0.00	32.50 1.01 0.00	32.51 1.17 0.00	35.98 1.44 0.00	35.53 1.60 0.00	37.83 1.92 0.00	42.99 2.42 0.00	49.75 2.91 0.00	51.71 2.99 0.00	55.66 3.20 0.00	54.28 2.80 0.00	57.82 3.49 0.00	59.76 3.59 0.00	71.85 4.02 0.00	56.13 2.67 0.00	57.56 2.49 0.00	44.45 1.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.70 1.87 0.00	41.21 1.46 0.00	35.40 1.24 0.00	34.90 1.29 0.00	33.66 1.26 0.00	34.30 1.17 0.00	33.09 1.16 0.00	33.28 1.17 0.00	32.65 1.16 0.00	32.67 1.34 0.00	36.12 1.58 0.00	35.67 1.74 0.00	38.01 2.10 0.00	43.18 2.60 0.00	49.96 3.11 0.00	51.89 3.17 0.00	55.75 3.29 0.00	54.25 2.77 0.00	57.74 3.41 0.00	59.67 3.50 0.00	71.80 3.98 0.00	56.18 2.72 0.00	57.63 2.57 0.00	44.62 2.14 0.00
W50THST__13_KV_LOAD 356117	48.93 2.10 0.00	41.38 1.63 0.00	35.55 1.39 0.00	35.04 1.43 0.00	33.80 1.40 0.00	34.44 1.31 0.00	33.24 1.30 0.00	33.43 1.32 0.00	32.81 1.32 0.00	32.85 1.50 0.00	36.31 1.77 0.00	35.86 1.93 0.00	38.22 2.31 0.00	43.42 2.85 0.00	50.26 3.41 0.00	52.21 3.49 0.00	56.12 3.65 0.00	54.60 3.12 0.00	58.05 3.72 0.00	59.99 3.83 0.00	72.19 4.37 0.00	56.46 3.00 0.00	57.91 2.84 0.00	44.86 2.38 0.00
WADING RIVER_IC_1 23522	49.21 2.39 0.00	41.06 1.30 0.00	35.29 1.13 0.00	35.13 1.51 0.00	33.86 1.45 0.00	34.48 1.35 0.00	33.54 1.60 0.00	33.56 1.45 0.00	32.92 1.43 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.79 1.86 0.00	38.23 2.32 0.00	43.00 2.43 0.00	49.51 2.66 0.00	51.46 2.74 0.00	54.95 2.49 0.00	54.07 2.59 0.00	57.92 3.59 0.00	59.02 2.85 0.00	70.71 2.88 0.00	55.80 2.34 0.00	57.12 2.05 0.00	44.84 2.35 0.00
WADING RIVER_IC_2 23547	49.21 2.39 0.00	41.06 1.30 0.00	35.29 1.13 0.00	35.13 1.51 0.00	33.86 1.45 0.00	34.48 1.35 0.00	33.54 1.60 0.00	33.56 1.45 0.00	32.92 1.43 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.79 1.86 0.00	38.23 2.32 0.00	43.00 2.43 0.00	49.51 2.66 0.00	51.46 2.74 0.00	54.95 2.49 0.00	54.07 2.59 0.00	57.92 3.59 0.00	59.02 2.85 0.00	70.71 2.88 0.00	55.80 2.34 0.00	57.12 2.05 0.00	44.84 2.35 0.00
WADING RIVER_IC_3 23601	49.21 2.39 0.00	41.06 1.30 0.00	35.29 1.13 0.00	35.13 1.51 0.00	33.86 1.45 0.00	34.48 1.35 0.00	33.54 1.60 0.00	33.56 1.45 0.00	32.92 1.43 0.00	33.04 1.70 0.00	36.51 1.96 0.00	35.79 1.86 0.00	38.23 2.32 0.00	43.00 2.43 0.00	49.51 2.66 0.00	51.46 2.74 0.00	54.95 2.49 0.00	54.07 2.59 0.00	57.92 3.59 0.00	59.02 2.85 0.00	70.71 2.88 0.00	55.80 2.34 0.00	57.12 2.05 0.00	44.84 2.35 0.00
WALDENNY_12_KV_BK2 80841	45.86 -0.97 0.00	38.58 -1.18 0.00	32.98 -1.18 0.00	32.17 -1.45 0.00	30.99 -1.41 0.00	31.64 -1.49 0.00	30.29 -1.65 0.00	30.09 -2.02 0.00	29.98 -1.51 0.00	30.23 -1.11 0.00	33.61 -0.94 0.00	33.10 -0.83 0.00	34.95 -0.96 0.00	39.70 -0.87 0.00	45.81 -1.04 0.00	48.18 -0.54 0.00	51.76 -0.71 0.00	50.31 -1.17 0.00	53.19 -1.14 0.00	55.48 -0.69 0.00	66.63 -1.20 0.00	52.52 -0.94 0.00	54.47 -0.59 0.00	41.76 -0.72 0.00
WALDEN___HYDRO 24148	48.33 1.51 0.00	40.92 1.17 0.00	35.16 1.00 0.00	34.66 1.04 0.00	33.43 1.03 0.00	34.09 0.96 0.00	32.85 0.92 0.00	33.02 0.91 0.00	32.34 0.85 0.00	32.28 0.94 0.00	35.68 1.14 0.00	35.20 1.26 0.00	37.45 1.54 0.00	42.54 1.96 0.00	49.24 2.39 0.00	51.21 2.49 0.00	55.18 2.71 0.00	53.89 2.41 0.00	57.39 3.06 0.00	59.40 3.23 0.00	71.41 3.58 0.00	55.86 2.40 0.00	57.29 2.23 0.00	44.21 1.72 0.00
WARRENSBURG____ 23737	48.50 1.68 0.00	41.29 1.55 0.00	35.47 1.31 0.00	34.86 1.25 0.00	33.57 1.17 0.00	34.35 1.22 0.00	33.13 1.19 0.00	33.12 1.01 0.00	32.13 0.64 0.00	31.81 0.47 0.00	34.82 0.28 0.00	34.26 0.33 0.00	36.44 0.53 0.00	40.92 0.35 0.00	47.08 0.24 0.00	48.81 0.09 0.00	52.71 0.24 0.00	52.36 0.89 0.00	56.43 2.10 0.00	58.70 2.53 0.00	70.92 3.10 0.00	55.81 2.35 0.00	57.46 2.39 0.00	44.22 1.74 0.00

WATERSIDE___6 8 9 23538	48.66 1.84 0.00	41.21 1.46 0.00	35.39 1.23 0.00	34.89 1.28 0.00	33.67 1.27 0.00	34.29 1.16 0.00	33.11 1.18 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.69 1.36 0.00	36.15 1.61 0.00	35.71 1.78 0.00	38.04 2.13 0.00	43.18 2.60 0.00	49.96 3.11 0.00	51.86 3.15 0.00	55.67 3.21 0.00	54.16 2.68 0.00	57.60 3.27 0.00	59.56 3.39 0.00	71.72 3.89 0.00	56.11 2.65 0.00	57.54 2.48 0.00	44.64 2.16 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.16 0.33 0.00	40.04 0.29 0.00	34.41 0.25 0.00	33.92 0.30 0.00	32.71 0.31 0.00	33.45 0.31 0.00	32.21 0.27 0.00	32.28 0.17 0.00	31.46 -0.03 0.00	31.28 -0.06 0.00	34.37 -0.17 0.00	33.71 -0.23 0.00	35.63 -0.28 0.00	40.28 -0.30 0.00	46.50 -0.34 0.00	48.36 -0.36 0.00	52.21 -0.25 0.00	51.42 -0.06 0.00	54.87 0.53 0.00	57.08 0.91 0.00	68.81 0.98 0.00	54.13 0.67 0.00	55.62 0.56 0.00	42.92 0.44 0.00
WDELAWARE___HYD 323627	47.84 1.02 0.00	40.46 0.71 0.00	34.73 0.57 0.00	34.20 0.58 0.00	32.97 0.56 0.00	33.62 0.49 0.00	32.40 0.46 0.00	32.57 0.46 0.00	31.93 0.44 0.00	31.82 0.48 0.00	35.13 0.58 0.00	34.63 0.70 0.00	36.84 0.93 0.00	41.89 1.31 0.00	48.56 1.71 0.00	50.68 1.96 0.00	54.72 2.25 0.00	53.52 2.04 0.00	57.02 2.69 0.00	58.97 2.80 0.00	70.88 3.05 0.00	55.39 1.93 0.00	56.75 1.68 0.00	43.73 1.24 0.00
WEST BABYLON___IC 23714	49.62 2.80 0.00	41.77 2.02 0.00	35.86 1.70 0.00	35.48 1.86 0.00	34.19 1.78 0.00	34.79 1.66 0.00	33.66 1.72 0.00	33.77 1.66 0.00	33.11 1.62 0.00	33.23 1.88 0.00	36.73 2.18 0.00	36.21 2.28 0.00	38.70 2.79 0.00	43.81 3.23 0.00	50.45 3.60 0.00	52.39 3.67 0.00	56.25 3.78 0.00	55.00 3.52 0.00	58.67 4.34 0.00	60.17 4.00 0.00	72.16 4.32 0.00	56.63 3.17 0.00	58.02 2.95 0.00	45.44 2.96 0.00
WEST CANADA___HYD 24049	46.87 0.05 0.00	39.79 0.04 0.00	34.21 0.06 0.00	33.68 0.07 0.00	32.47 0.07 0.00	33.21 0.08 0.00	32.02 0.09 0.00	32.17 0.06 0.00	31.51 0.02 0.00	31.35 0.01 0.00	34.53 -0.01 0.00	33.90 -0.03 0.00	35.88 -0.04 0.00	40.56 -0.02 0.00	46.83 -0.02 0.00	48.69 -0.03 0.00	52.42 -0.05 0.00	51.48 0.00 0.00	54.47 0.14 0.00	56.41 0.24 0.00	68.06 0.23 0.00	53.60 0.14 0.00	55.17 0.11 0.00	42.57 0.09 0.00
WESTERN_NY_WIND 24143	46.57 -0.25 0.00	39.23 -0.53 0.00	33.58 -0.58 0.00	32.74 -0.87 0.00	31.52 -0.88 0.00	32.19 -0.94 0.00	30.83 -1.11 0.00	30.57 -1.54 0.00	30.23 -1.26 0.00	30.24 -1.10 0.00	33.48 -1.06 0.00	32.95 -0.98 0.00	34.93 -0.98 0.00	39.57 -1.01 0.00	45.86 -0.99 0.00	48.24 -0.48 0.00	52.26 -0.21 0.00	50.91 -0.57 0.00	53.82 -0.51 0.00	56.45 0.28 0.00	68.16 0.33 0.00	53.74 0.28 0.00	55.55 0.48 0.00	42.46 -0.02 0.00
WESTOVER___LESR 323668	46.62 -0.21 0.00	39.40 -0.36 0.00	33.79 -0.37 0.00	33.22 -0.39 0.00	32.07 -0.33 0.00	32.81 -0.32 0.00	31.57 -0.36 0.00	31.67 -0.44 0.00	31.09 -0.40 0.00	31.08 -0.26 0.00	34.26 -0.29 0.00	33.61 -0.32 0.00	35.56 -0.35 0.00	40.32 -0.25 0.00	46.65 -0.19 0.00	48.67 -0.04 0.00	52.42 -0.04 0.00	51.31 -0.17 0.00	54.61 0.28 0.00	56.68 0.51 0.00	68.17 0.34 0.00	53.42 -0.05 0.00	54.96 -0.10 0.00	42.29 -0.19 0.00
WETHRSFD_WT_PWR 323626	45.54 -0.95 0.34	38.25 -1.15 0.36	33.01 -1.15 0.00	32.25 -1.36 0.00	31.09 -1.32 0.00	31.72 -1.39 0.02	30.38 -1.56 0.00	30.15 -1.96 0.00	29.72 -1.77 0.00	29.90 -1.44 0.00	33.17 -1.38 0.00	32.64 -1.29 0.00	34.53 -1.39 0.00	39.22 -1.35 0.00	45.24 -1.61 0.00	47.45 -1.27 0.00	50.93 -1.54 0.00	49.69 -1.80 0.00	52.86 -1.47 0.00	55.34 -0.83 0.00	66.68 -1.15 0.00	51.60 -0.99 0.86	53.37 -0.77 0.92	40.45 -0.81 1.23
WHAVSTOR_138KV_BK127 55557	48.27 1.45 0.00	40.85 1.10 0.00	35.11 0.95 0.00	34.62 1.01 0.00	33.40 0.99 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.98 0.88 0.00	32.33 0.84 0.00	32.34 1.00 0.00	35.77 1.23 0.00	35.31 1.38 0.00	37.59 1.68 0.00	42.71 2.13 0.00	49.40 2.55 0.00	51.30 2.59 0.00	55.21 2.74 0.00	53.82 2.34 0.00	57.35 3.02 0.00	59.27 3.11 0.00	71.26 3.43 0.00	55.70 2.24 0.00	57.16 2.09 0.00	44.17 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.27 1.45 0.00	40.85 1.10 0.00	35.11 0.95 0.00	34.62 1.01 0.00	33.40 0.99 0.00	34.03 0.90 0.00	32.82 0.88 0.00	32.98 0.88 0.00	32.33 0.84 0.00	32.34 1.00 0.00	35.77 1.23 0.00	35.31 1.38 0.00	37.59 1.68 0.00	42.71 2.13 0.00	49.40 2.55 0.00	51.30 2.59 0.00	55.21 2.74 0.00	53.82 2.34 0.00	57.35 3.02 0.00	59.27 3.11 0.00	71.26 3.43 0.00	55.70 2.24 0.00	57.16 2.09 0.00	44.17 1.68 0.00
WHITEHAL_115KV_TB1 80871	50.00 3.18 0.00	42.73 2.98 0.00	36.66 2.50 0.00	35.93 2.31 0.00	34.55 2.15 0.00	35.32 2.20 0.00	34.17 2.23 0.00	33.93 1.82 0.00	32.35 0.86 0.00	31.99 0.64 0.00	35.06 0.52 0.00	34.57 0.64 0.00	36.91 0.99 0.00	41.60 1.02 0.00	48.37 1.53 0.00	49.92 1.20 0.00	53.37 0.91 0.00	53.59 2.11 0.00	57.88 3.55 0.00	60.50 4.34 0.00	73.10 5.27 0.00	57.46 4.00 0.00	59.37 4.30 0.00	45.86 3.38 0.00
WHITEPLN_13_KV_LOAD 356215	48.94 2.11 0.00	41.39 1.64 0.00	35.56 1.40 0.00	35.06 1.44 0.00	33.81 1.40 0.00	34.45 1.32 0.00	33.22 1.28 0.00	33.40 1.29 0.00	32.76 1.27 0.00	32.77 1.43 0.00	36.25 1.71 0.00	35.79 1.86 0.00	38.13 2.22 0.00	43.33 2.76 0.00	50.14 3.29 0.00	52.13 3.41 0.00	56.06 3.59 0.00	54.68 3.20 0.00	58.18 3.85 0.00	60.16 3.99 0.00	72.34 4.51 0.00	56.57 3.11 0.00	57.99 2.93 0.00	44.83 2.35 0.00
WM_FLOYD_69_KV_BK2 356380	49.37 2.55 0.00	41.33 1.58 0.00	35.50 1.34 0.00	35.27 1.66 0.00	33.99 1.59 0.00	34.61 1.48 0.00	33.60 1.66 0.00	33.62 1.51 0.00	32.97 1.48 0.00	33.07 1.73 0.00	36.52 1.97 0.00	35.89 1.96 0.00	38.33 2.42 0.00	43.21 2.64 0.00	49.75 2.90 0.00	51.69 2.97 0.00	55.32 2.86 0.00	54.35 2.87 0.00	58.16 3.83 0.00	59.42 3.25 0.00	71.21 3.38 0.00	56.07 2.61 0.00	57.41 2.35 0.00	45.08 2.60 0.00
WOODARD__115KV_TB2 355635	46.29 -0.53 0.00	39.27 -0.48 0.00	33.71 -0.45 0.00	33.13 -0.49 0.00	31.94 -0.46 0.00	32.66 -0.47 0.00	31.45 -0.49 0.00	31.55 -0.57 0.00	30.98 -0.51 0.00	30.89 -0.45 0.00	34.06 -0.49 0.00	33.43 -0.50 0.00	35.32 -0.60 0.00	39.95 -0.62 0.00	46.18 -0.67 0.00	48.16 -0.56 0.00	51.92 -0.55 0.00	50.95 -0.53 0.00	53.99 -0.34 0.00	55.95 -0.21 0.00	67.38 -0.45 0.00	52.97 -0.49 0.00	54.48 -0.58 0.00	41.97 -0.52 0.00
YORK___WARBASSE 23770	48.69 1.87 0.00	41.24 1.49 0.00	35.41 1.25 0.00	34.90 1.28 0.00	33.66 1.26 0.00	34.29 1.17 0.00	33.10 1.16 0.00	33.28 1.18 0.00	32.67 1.18 0.00	32.68 1.34 0.00	36.25 1.70 0.00	35.81 1.88 0.00	38.12 2.21 0.00	43.18 2.61 0.00	50.00 3.15 0.00	51.96 3.24 0.00	55.90 3.43 0.00	54.39 2.91 0.00	57.91 3.58 0.00	59.90 3.73 0.00	72.12 4.29 0.00	56.41 2.95 0.00	57.77 2.70 0.00	44.81 2.33 0.00