

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/03/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	35.05	31.27	30.75	30.72	30.92	33.65	34.18	40.79	39.22	39.66	37.00	49.45	48.75	51.32	48.99	42.01	53.15	80.20	71.97	74.50	70.82	56.97	44.73	38.84
24138	2.60	2.20	2.03	2.02	2.04	2.05	1.99	2.21	2.14	2.16	2.10	2.78	2.91	3.22	3.36	2.91	3.60	5.93	5.25	5.17	4.55	3.24	2.41	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.10	31.31	30.78	30.75	30.93	33.68	34.21	40.84	39.27	39.72	37.05	49.56	48.86	51.42	49.08	42.06	53.24	80.32	72.10	74.64	70.99	57.14	44.86	38.94
24260	2.64	2.24	2.05	2.05	2.06	2.08	2.02	2.26	2.19	2.21	2.15	2.88	3.02	3.32	3.45	2.97	3.69	6.06	5.37	5.31	4.72	3.41	2.53	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.10	31.31	30.78	30.75	30.93	33.68	34.21	40.84	39.27	39.72	37.05	49.56	48.86	51.42	49.08	42.06	53.24	80.32	72.10	74.64	70.99	57.14	44.86	38.94
24261	2.64	2.24	2.05	2.05	2.06	2.08	2.02	2.26	2.19	2.21	2.15	2.88	3.02	3.32	3.45	2.97	3.69	6.06	5.37	5.31	4.72	3.41	2.53	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.38	30.69	30.24	30.19	30.37	33.29	33.96	40.54	38.90	39.48	36.58	49.15	48.14	50.49	47.85	40.40	51.08	76.57	68.76	71.21	68.10	55.04	43.38	38.36
24011	1.93	1.62	1.52	1.49	1.49	1.70	1.77	1.96	1.82	1.97	1.68	2.48	2.30	2.39	2.21	1.31	1.52	2.31	2.03	1.88	1.83	1.31	1.06	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.56	30.82	30.35	30.29	30.49	33.47	34.13	40.69	39.03	39.69	36.78	49.40	48.37	50.81	48.17	40.63	51.32	76.74	68.86	71.32	68.20	55.13	43.45	38.44
23798	2.11	1.75	1.62	1.60	1.61	1.87	1.94	2.12	1.95	2.18	1.87	2.73	2.52	2.71	2.54	1.53	1.76	2.48	2.13	1.99	1.93	1.40	1.12	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.38	30.69	30.24	30.19	30.37	33.29	33.96	40.54	38.90	39.48	36.58	49.15	48.14	50.49	47.85	40.40	51.08	76.57	68.76	71.21	68.10	55.04	43.38	38.36
24028	1.93	1.62	1.52	1.49	1.49	1.70	1.77	1.96	1.82	1.97	1.68	2.48	2.30	2.39	2.21	1.31	1.52	2.31	2.03	1.88	1.83	1.31	1.06	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.81	30.27	29.83	29.80	29.96	32.82	33.07	39.51	37.75	37.85	35.05	47.04	46.10	48.90	46.46	39.85	51.08	76.72	68.97	71.36	68.39	55.27	43.64	37.87
23527	1.36	1.20	1.11	1.10	1.09	1.22	0.88	0.93	0.67	0.35	0.14	0.37	0.25	0.81	0.83	0.76	1.52	2.46	2.25	2.03	2.12	1.54	1.32	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.96	29.52	29.12	29.09	29.26	31.98	32.39	38.66	37.14	37.44	34.74	46.41	45.66	48.18	45.82	39.34	49.93	75.02	67.45	69.87	66.78	54.02	42.51	36.91
24190	0.50	0.45	0.40	0.39	0.38	0.39	0.20	0.08	0.06	-0.07	-0.17	-0.26	-0.19	0.08	0.19	0.24	0.38	0.75	0.72	0.54	0.51	0.28	0.19	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.05	28.78	28.52	28.49	28.69	31.49	32.44	39.24	37.64	38.12	35.51	47.44	46.51	48.55	46.07	39.57	49.98	74.97	67.37	70.17	67.20	54.86	43.30	37.69
355683	-0.40	-0.29	-0.20	-0.21	-0.19	-0.11	0.25	0.66	0.56	0.62	0.60	0.76	0.66	0.46	0.43	0.47	0.43	0.70	0.64	0.84	0.93	1.12	0.98	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.57	30.06	29.68	29.65	29.82	32.60	32.99	39.23	37.64	38.12	35.16	46.88	46.27	48.81	46.50	39.91	50.57	76.04	68.59	71.19	68.10	55.11	43.39	37.66
323833	1.12	0.99	0.96	0.95	0.94	1.01	0.80	0.65	0.56	0.61	0.26	0.20	0.43	0.72	0.86	0.82	1.01	1.78	1.87	1.86	1.83	1.38	1.07	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.57	30.06	29.67	29.65	29.81	32.59	32.98	39.21	37.63	38.11	35.15	46.86	46.27	48.80	46.48	39.90	50.57	76.02	68.58	71.18	68.07	55.09	43.38	37.66
323834	1.11	0.99	0.94	0.95	0.93	1.00	0.79	0.64	0.55	0.60	0.25	0.19	0.43	0.70	0.85	0.81	1.01	1.75	1.85	1.85	1.80	1.36	1.06	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.96	29.52	29.12	29.09	29.26	31.98	32.39	38.66	37.14	37.44	34.74	46.41	45.66	48.18	45.82	39.34	49.93	75.02	67.45	69.87	66.78	54.02	42.51	36.91
23571	0.50	0.45	0.40	0.39	0.38	0.39	0.20	0.08	0.06	-0.07	-0.17	-0.26	-0.19	0.08	0.19	0.24	0.38	0.75	0.72	0.54	0.51	0.28	0.19	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	32.96 0.50 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.74 -0.17 0.00	46.41 -0.26 0.00	45.66 -0.19 0.00	48.18 0.08 0.00	45.82 0.19 0.00	39.34 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.72 0.00	69.87 0.54 0.00	66.78 0.51 0.00	54.02 0.28 0.00	42.51 0.19 0.00	36.91 0.05 0.00
ALBANY___3 23573	32.96 0.50 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.74 -0.17 0.00	46.41 -0.26 0.00	45.66 -0.19 0.00	48.18 0.08 0.00	45.82 0.19 0.00	39.34 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.72 0.00	69.87 0.54 0.00	66.78 0.51 0.00	54.02 0.28 0.00	42.51 0.19 0.00	36.91 0.05 0.00
ALBANY___4 23574	32.96 0.50 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.74 -0.17 0.00	46.41 -0.26 0.00	45.66 -0.19 0.00	48.18 0.08 0.00	45.82 0.19 0.00	39.34 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.72 0.00	69.87 0.54 0.00	66.78 0.51 0.00	54.02 0.28 0.00	42.51 0.19 0.00	36.91 0.05 0.00
ALBANY___LFGE 323615	33.27 0.81 0.00	29.80 0.73 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.52 0.65 0.00	32.27 0.67 0.00	32.67 0.48 0.00	39.03 0.45 0.00	37.50 0.42 0.00	37.82 0.31 0.00	35.08 0.18 0.00	46.92 0.25 0.00	46.19 0.35 0.00	48.74 0.65 0.00	46.36 0.73 0.00	39.78 0.68 0.00	50.51 0.95 0.00	75.96 1.70 0.00	68.26 1.54 0.00	70.68 1.35 0.00	67.57 1.30 0.00	54.62 0.89 0.00	42.99 0.67 0.00	37.30 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	32.05 -0.40 0.00	28.78 -0.29 0.00	28.53 -0.19 0.00	28.50 -0.20 0.00	28.70 -0.18 0.00	31.51 -0.09 0.00	32.48 0.29 0.00	39.43 0.86 0.00	37.82 0.75 0.00	38.31 0.80 0.00	35.68 0.77 0.00	47.63 0.96 0.00	46.69 0.85 0.00	48.72 0.62 0.00	46.23 0.60 0.00	39.68 0.59 0.00	49.96 0.41 0.00	74.96 0.70 0.00	67.39 0.66 0.00	70.24 0.91 0.00	67.29 1.02 0.00	54.93 1.20 0.00	43.52 1.20 0.00	37.89 1.04 0.00
ALCOA_RYNLDS___DRP 24188	32.05 -0.40 0.00	28.78 -0.29 0.00	28.53 -0.19 0.00	28.50 -0.20 0.00	28.70 -0.18 0.00	31.51 -0.09 0.00	32.48 0.29 0.00	39.43 0.86 0.00	37.82 0.75 0.00	38.31 0.80 0.00	35.68 0.77 0.00	47.63 0.96 0.00	46.69 0.85 0.00	48.72 0.62 0.00	46.23 0.60 0.00	39.68 0.59 0.00	49.96 0.41 0.00	74.96 0.70 0.00	67.39 0.66 0.00	70.24 0.91 0.00	67.29 1.02 0.00	54.93 1.20 0.00	43.52 1.20 0.00	37.89 1.04 0.00
ALCOA___DSASP 323711	32.05 -0.40 0.00	28.78 -0.29 0.00	28.53 -0.19 0.00	28.51 -0.20 0.00	28.70 -0.18 0.00	31.51 -0.09 0.00	32.48 0.29 0.00	39.43 0.86 0.00	37.83 0.75 0.00	38.31 0.80 0.00	35.68 0.77 0.00	47.63 0.96 0.00	46.69 0.85 0.00	48.72 0.62 0.00	46.23 0.60 0.00	39.68 0.59 0.00	49.96 0.41 0.00	74.96 0.70 0.00	67.39 0.66 0.00	70.24 0.91 0.00	67.29 1.02 0.00	54.94 1.20 0.00	43.52 1.20 0.00	37.89 1.04 0.00
ALLEGHENY___COGEN 23514	32.96 0.51 0.00	29.49 0.42 0.00	29.22 0.49 0.00	29.21 0.51 0.00	29.23 0.35 0.00	32.03 0.43 0.00	32.53 0.34 0.00	38.80 0.22 0.00	37.59 0.51 0.00	38.14 0.64 0.00	35.60 0.69 0.00	47.15 0.47 0.00	46.00 0.16 0.00	47.88 -0.22 0.00	44.68 -0.95 0.00	38.55 -0.54 0.00	48.86 -0.70 0.00	72.44 -1.83 0.00	65.33 -1.40 0.00	68.34 -0.99 0.00	65.84 -0.43 0.00	53.42 -0.31 0.00	41.98 -0.34 0.00	36.82 -0.03 0.00
ALTAMONT_115KV_TB 2 55880	33.31 0.85 0.00	29.81 0.74 0.00	29.42 0.69 0.00	29.39 0.69 0.00	29.56 0.68 0.00	32.31 0.71 0.00	32.76 0.57 0.00	39.13 0.55 0.00	37.55 0.48 0.00	37.90 0.39 0.00	35.17 0.26 0.00	47.11 0.43 0.00	46.35 0.50 0.00	48.81 0.71 0.00	46.42 0.79 0.00	39.78 0.68 0.00	50.48 0.93 0.00	75.81 1.55 0.00	68.17 1.44 0.00	70.66 1.34 0.00	67.52 1.25 0.00	54.67 0.93 0.00	43.03 0.71 0.00	37.39 0.54 0.00
ALTONA_WT_PWR 323606	32.05 -0.41 0.00	28.93 -0.14 0.00	28.64 -0.09 0.00	28.65 -0.05 0.00	28.86 -0.02 0.00	31.76 0.17 0.00	32.63 0.44 0.00	39.48 0.91 0.00	37.97 0.89 0.00	38.42 0.92 0.00	35.87 0.96 0.00	48.00 1.33 0.00	47.08 1.24 0.00	49.10 1.00 0.00	46.48 0.84 0.00	39.93 0.83 0.00	50.59 1.03 0.00	75.84 1.58 0.00	68.14 1.42 0.00	70.93 1.61 0.00	67.86 1.59 0.00	55.35 1.62 0.00	43.80 1.49 0.00	38.01 1.16 0.00
AMERICAN_REF_FUEL 24010	30.83 -1.62 0.00	27.65 -1.43 0.00	27.43 -1.30 0.00	27.42 -1.28 0.00	27.43 -1.45 0.00	30.00 -1.60 0.00	30.44 -1.75 0.00	36.00 -2.57 0.00	34.93 -2.15 0.00	35.62 -1.89 0.00	33.30 -1.61 0.00	44.22 -2.46 0.00	43.37 -2.48 0.00	44.95 -3.15 0.00	41.98 -3.65 0.00	35.68 -3.41 0.00	44.77 -4.79 0.00	65.48 -8.78 0.00	58.76 -7.97 0.00	61.23 -8.09 0.00	59.03 -7.24 0.00	48.46 -5.28 0.00	38.61 -3.72 0.00	34.26 -2.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.18 -0.27 0.00	28.74 -0.33 0.00	28.53 -0.20 0.00	28.50 -0.20 0.00	28.40 -0.48 0.00	31.07 -0.53 0.00	31.51 -0.68 0.00	37.40 -1.18 0.00	36.20 -0.88 0.00	36.96 -0.54 0.00	34.71 -0.19 0.00	46.26 -0.42 0.00	45.41 -0.44 0.00	47.06 -1.03 0.00	44.08 -1.55 0.00	37.70 -1.39 0.00	47.42 -2.13 0.00	69.99 -4.28 0.00	62.61 -4.11 0.00	65.51 -3.81 0.00	62.45 -3.82 0.00	50.20 -3.53 0.00	39.89 -2.43 0.00	35.31 -1.54 0.00
ARTHUR KILL_GT_1 23520	34.97 2.52 0.00	31.25 2.18 0.00	30.69 1.97 0.00	30.69 1.99 0.00	30.86 1.99 0.00	33.61 2.02 0.00	34.16 1.97 0.00	40.72 2.14 0.00	39.10 2.02 0.00	39.49 1.98 0.00	36.79 1.89 0.00	49.27 2.60 0.00	48.70 2.86 0.00	51.09 3.00 0.00	48.93 3.29 0.00	42.90 2.85 -0.95	52.78 3.22 0.00	79.83 5.57 0.00	71.71 4.98 0.00	74.30 4.97 0.00	70.60 4.34 0.00	56.88 3.14 0.00	46.12 2.38 -1.42	39.44 2.02 -0.57
ARTHUR_KILL_2 23512	34.88 2.43 0.00	31.17 2.10 0.00	30.61 1.89 0.00	30.61 1.91 0.00	30.78 1.91 0.00	33.53 1.94 0.00	34.07 1.88 0.00	40.63 2.06 0.00	39.01 1.93 0.00	39.39 1.88 0.00	36.72 1.81 0.00	49.14 2.47 0.00	48.58 2.74 0.00	50.97 2.87 0.00	48.79 3.15 0.00	42.80 2.76 -0.95	52.65 3.09 0.00	79.61 5.34 0.00	71.48 4.75 0.00	74.06 4.73 0.00	70.38 4.11 0.00	56.69 2.96 0.00	45.97 2.23 -1.42	39.32 1.90 -0.57
ARTHUR_KILL_3 23513	34.76 2.31 0.00	31.02 1.95 0.00	30.51 1.78 0.00	30.48 1.78 0.00	30.67 1.79 0.00	33.38 1.79 0.00	33.91 1.72 0.00	40.45 1.87 0.00	38.88 1.80 0.00	39.31 1.81 0.00	36.68 1.77 0.00	48.99 2.32 0.00	48.30 2.45 0.00	50.87 2.78 0.00	48.57 2.93 0.00	42.25 2.55 -0.60	52.69 3.14 0.00	79.54 5.28 0.00	71.39 4.66 0.00	73.94 4.61 0.00	70.32 4.05 0.00	56.51 2.78 0.00	45.26 2.03 -0.90	38.90 1.69 -0.36

ARTHUR_KILL_COGEN 323718	34.98 2.53 0.00	31.25 2.18 0.00	30.69 1.96 0.00	30.69 1.99 0.00	30.86 1.99 0.00	33.61 2.02 0.00	34.16 1.96 0.00	40.72 2.14 0.00	39.09 2.02 0.00	39.49 1.98 0.00	36.79 1.89 0.00	49.26 2.59 0.00	48.69 2.85 0.00	51.10 3.00 0.00	48.92 3.28 0.00	42.92 2.88 -0.95	52.79 3.24 0.00	79.84 5.57 0.00	71.71 4.98 0.00	74.30 4.97 0.00	70.61 4.35 0.00	56.87 3.14 0.00	46.12 2.38 -1.42	39.44 2.02 -0.57
ASHOKAN____ 23654	34.23 1.78 0.00	30.53 1.46 0.00	30.09 1.36 0.00	30.05 1.35 0.00	30.24 1.37 0.00	33.00 1.41 0.00	33.50 1.31 0.00	40.14 1.56 0.00	38.30 1.22 0.00	38.67 1.17 0.00	35.94 1.04 0.00	48.08 1.41 0.00	47.53 1.69 0.00	50.32 2.22 0.00	48.09 2.45 0.00	41.20 2.11 0.00	51.84 2.29 0.00	78.50 4.24 0.00	70.55 3.82 0.00	73.32 3.99 0.00	69.96 3.69 0.00	56.47 2.74 0.00	44.31 1.99 0.00	38.37 1.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.85 2.40 0.00	31.14 2.06 0.00	30.51 1.78 0.00	30.51 1.81 0.00	30.67 1.80 0.00	33.42 1.82 0.00	33.91 1.72 0.00	40.46 1.89 0.00	38.89 1.81 0.00	39.32 1.82 0.00	36.66 1.76 0.00	49.03 2.35 0.00	48.30 2.47 0.01	50.86 2.77 0.00	48.58 2.95 0.00	41.66 2.56 0.00	52.70 3.15 0.00	79.56 5.30 0.00	71.32 4.60 0.01	73.93 4.61 0.01	70.30 4.04 0.00	56.60 2.86 0.00	44.45 2.13 0.00	38.59 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.85 2.40 0.00	31.14 2.06 0.00	30.51 1.78 0.00	30.51 1.81 0.00	30.67 1.80 0.00	33.42 1.82 0.00	33.91 1.72 0.00	40.46 1.89 0.00	38.89 1.81 0.00	39.32 1.82 0.00	36.66 1.76 0.00	49.03 2.35 0.00	48.30 2.47 0.01	50.86 2.77 0.00	48.58 2.95 0.00	41.66 2.57 0.00	52.70 3.15 0.00	79.56 5.30 0.00	71.32 4.60 0.01	73.93 4.61 0.01	70.30 4.04 0.00	56.60 2.86 0.00	44.45 2.13 0.00	38.59 1.74 0.00
ASTORIA_GT2_1 24094	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT2_2 24095	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT2_3 24096	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT2_4 24097	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT3_1 24098	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT3_2 24099	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT3_3 24100	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT3_4 24101	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT4_1 24102	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT4_2 24103	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT4_3 24104	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00

ASTORIA_GT4_4 24105	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.80 0.00	30.53 1.83 0.00	30.68 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.04 2.36 0.00	48.33 2.49 0.00	50.89 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.17 0.00	79.62 5.35 0.00	71.37 4.64 0.00	73.97 4.64 0.00	70.33 4.07 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA_GT_1 23523	34.91 2.46 0.00	31.19 2.12 0.00	30.56 1.83 0.00	30.57 1.86 0.00	30.73 1.85 0.00	33.47 1.88 0.00	33.97 1.78 0.00	40.53 1.95 0.00	38.96 1.88 0.00	39.40 1.89 0.00	36.73 1.82 0.00	49.13 2.45 0.00	48.41 2.56 0.00	50.96 2.87 0.00	48.69 3.05 0.00	41.74 2.65 0.00	52.81 3.25 0.00	79.73 5.46 0.00	71.48 4.75 0.00	74.09 4.76 0.00	70.44 4.17 0.00	56.71 2.98 0.00	44.53 2.21 0.00	38.66 1.81 0.00
ASTORIA_GT_10 24110	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.62 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.90 0.00	49.24 2.56 0.00	48.55 2.71 0.00	51.08 2.98 0.00	48.77 3.14 0.00	41.79 2.70 0.00	52.87 3.31 0.00	79.88 5.62 0.00	71.66 4.93 0.00	74.23 4.90 0.00	70.54 4.27 0.00	56.77 3.04 0.00	44.55 2.22 0.00	38.68 1.82 0.00
ASTORIA_GT_11 24225	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.62 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.90 0.00	49.24 2.56 0.00	48.55 2.71 0.00	51.08 2.98 0.00	48.77 3.14 0.00	41.79 2.70 0.00	52.87 3.31 0.00	79.88 5.62 0.00	71.66 4.93 0.00	74.23 4.90 0.00	70.54 4.27 0.00	56.77 3.04 0.00	44.55 2.22 0.00	38.68 1.82 0.00
ASTORIA_GT_12 24226	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.62 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.90 0.00	49.24 2.56 0.00	48.55 2.71 0.00	51.08 2.98 0.00	48.77 3.14 0.00	41.79 2.70 0.00	52.87 3.31 0.00	79.88 5.62 0.00	71.66 4.93 0.00	74.23 4.90 0.00	70.54 4.27 0.00	56.77 3.04 0.00	44.55 2.22 0.00	38.68 1.82 0.00
ASTORIA_GT_13 24227	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.62 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.90 0.00	49.24 2.56 0.00	48.55 2.71 0.00	51.08 2.98 0.00	48.77 3.14 0.00	41.79 2.70 0.00	52.87 3.31 0.00	79.88 5.62 0.00	71.66 4.93 0.00	74.23 4.90 0.00	70.54 4.27 0.00	56.77 3.04 0.00	44.55 2.22 0.00	38.68 1.82 0.00
ASTORIA_GT_5 24106	34.91 2.46 0.00	31.19 2.12 0.00	30.56 1.83 0.00	30.57 1.86 0.00	30.73 1.85 0.00	33.47 1.88 0.00	33.97 1.78 0.00	40.53 1.95 0.00	38.96 1.88 0.00	39.40 1.89 0.00	36.73 1.82 0.00	49.13 2.45 0.00	48.41 2.56 0.00	50.96 2.87 0.00	48.69 3.05 0.00	41.74 2.65 0.00	52.81 3.25 0.00	79.73 5.46 0.00	71.48 4.75 0.00	74.09 4.76 0.00	70.44 4.17 0.00	56.71 2.98 0.00	44.53 2.21 0.00	38.66 1.81 0.00
ASTORIA_GT_7 24107	34.91 2.46 0.00	31.19 2.12 0.00	30.56 1.83 0.00	30.57 1.86 0.00	30.73 1.85 0.00	33.47 1.88 0.00	33.97 1.78 0.00	40.53 1.95 0.00	38.96 1.88 0.00	39.40 1.89 0.00	36.73 1.82 0.00	49.13 2.45 0.00	48.41 2.56 0.00	50.96 2.87 0.00	48.69 3.05 0.00	41.74 2.65 0.00	52.81 3.25 0.00	79.73 5.46 0.00	71.48 4.75 0.00	74.09 4.76 0.00	70.44 4.17 0.00	56.71 2.98 0.00	44.53 2.21 0.00	38.66 1.81 0.00
ASTORIA_GT_8 24108	34.91 2.46 0.00	31.19 2.12 0.00	30.56 1.83 0.00	30.57 1.86 0.00	30.73 1.85 0.00	33.47 1.88 0.00	33.97 1.78 0.00	40.53 1.95 0.00	38.96 1.88 0.00	39.40 1.89 0.00	36.73 1.82 0.00	49.13 2.45 0.00	48.41 2.56 0.00	50.96 2.87 0.00	48.69 3.05 0.00	41.74 2.65 0.00	52.81 3.25 0.00	79.73 5.46 0.00	71.48 4.75 0.00	74.09 4.76 0.00	70.44 4.17 0.00	56.71 2.98 0.00	44.53 2.21 0.00	38.66 1.81 0.00
ASTORIA___2 24149	34.86 2.41 0.00	31.15 2.08 0.00	30.52 1.79 0.00	30.53 1.83 0.00	30.69 1.81 0.00	33.43 1.84 0.00	33.93 1.74 0.00	40.48 1.90 0.00	38.90 1.82 0.00	39.34 1.84 0.00	36.68 1.77 0.00	49.03 2.36 0.00	48.32 2.48 0.01	50.88 2.79 0.00	48.61 2.98 0.00	41.68 2.58 0.00	52.72 3.17 0.00	79.60 5.34 0.00	71.36 4.64 0.01	73.96 4.64 0.01	70.33 4.06 0.00	56.62 2.89 0.00	44.47 2.15 0.00	38.61 1.76 0.00
ASTORIA___3 23516	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.63 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.91 0.00	49.23 2.55 0.00	48.55 2.71 0.00	51.08 2.99 0.00	48.77 3.14 0.00	41.80 2.70 0.00	52.87 3.32 0.00	79.88 5.62 0.00	71.66 4.94 0.00	74.23 4.90 0.00	70.55 4.28 0.00	56.77 3.03 0.00	44.55 2.23 0.00	38.68 1.82 0.00
ASTORIA___4 23517	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.62 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.90 0.00	49.24 2.56 0.00	48.55 2.71 0.00	51.08 2.98 0.00	48.77 3.14 0.00	41.79 2.70 0.00	52.87 3.31 0.00	79.88 5.62 0.00	71.66 4.93 0.00	74.23 4.90 0.00	70.54 4.27 0.00	56.77 3.04 0.00	44.55 2.22 0.00	38.68 1.82 0.00
ASTORIA___5 23518	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.63 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.91 0.00	49.23 2.55 0.00	48.55 2.71 0.00	51.08 2.99 0.00	48.77 3.14 0.00	41.80 2.70 0.00	52.87 3.32 0.00	79.88 5.62 0.00	71.66 4.94 0.00	74.23 4.90 0.00	70.55 4.28 0.00	56.77 3.03 0.00	44.55 2.23 0.00	38.68 1.82 0.00
AST_ENERGY_2_CC3 323677	34.81 2.36 0.00	31.07 2.00 0.00	30.57 1.84 0.00	30.54 1.84 0.00	30.72 1.85 0.00	33.43 1.83 0.00	33.95 1.76 0.00	40.51 1.93 0.00	38.93 1.85 0.00	39.36 1.85 0.00	36.70 1.79 0.00	49.06 2.39 0.00	48.37 2.53 0.00	50.93 2.83 0.00	48.61 2.97 0.00	41.66 2.57 0.00	52.73 3.17 0.00	79.57 5.31 0.00	71.44 4.71 0.00	73.96 4.63 0.00	70.33 4.06 0.00	56.61 2.88 0.00	44.46 2.14 0.00	38.60 1.75 0.00
AST_ENERGY_2_CC4 323678	34.81 2.36 0.00	31.07 2.00 0.00	30.57 1.84 0.00	30.54 1.84 0.00	30.72 1.85 0.00	33.43 1.83 0.00	33.95 1.76 0.00	40.51 1.93 0.00	38.93 1.85 0.00	39.36 1.85 0.00	36.70 1.79 0.00	49.06 2.39 0.00	48.37 2.53 0.00	50.93 2.83 0.00	48.61 2.97 0.00	41.66 2.57 0.00	52.73 3.17 0.00	79.57 5.31 0.00	71.44 4.71 0.00	73.96 4.63 0.00	70.33 4.06 0.00	56.61 2.88 0.00	44.46 2.14 0.00	38.60 1.75 0.00

ATHENS_STG_1 23668	33.56 1.11 0.00	30.02 0.95 0.00	29.64 0.91 0.00	29.60 0.90 0.00	29.78 0.90 0.00	32.50 0.90 0.00	32.96 0.77 0.00	39.34 0.76 0.00	37.77 0.69 0.00	38.12 0.62 0.00	35.46 0.56 0.00	47.48 0.80 0.00	46.72 0.88 0.00	49.20 1.11 0.00	46.83 1.20 0.00	40.12 1.02 0.00	50.92 1.36 0.00	76.48 2.22 0.00	68.67 1.94 0.00	71.16 1.83 0.00	67.93 1.66 0.00	54.96 1.22 0.00	43.24 0.92 0.00	37.57 0.72 0.00
ATHENS_STG_2 23670	33.56 1.11 0.00	30.02 0.95 0.00	29.64 0.91 0.00	29.60 0.90 0.00	29.78 0.90 0.00	32.50 0.90 0.00	32.96 0.77 0.00	39.34 0.76 0.00	37.77 0.69 0.00	38.12 0.62 0.00	35.46 0.56 0.00	47.48 0.80 0.00	46.72 0.88 0.00	49.20 1.11 0.00	46.83 1.20 0.00	40.12 1.02 0.00	50.92 1.36 0.00	76.48 2.22 0.00	68.67 1.94 0.00	71.16 1.83 0.00	67.93 1.66 0.00	54.96 1.22 0.00	43.24 0.92 0.00	37.57 0.72 0.00
ATHENS_STG_3 23677	33.56 1.11 0.00	30.02 0.95 0.00	29.64 0.91 0.00	29.60 0.90 0.00	29.78 0.90 0.00	32.50 0.90 0.00	32.96 0.77 0.00	39.34 0.76 0.00	37.77 0.69 0.00	38.12 0.62 0.00	35.46 0.56 0.00	47.48 0.80 0.00	46.72 0.88 0.00	49.20 1.11 0.00	46.83 1.20 0.00	40.12 1.02 0.00	50.92 1.36 0.00	76.48 2.22 0.00	68.67 1.94 0.00	71.16 1.83 0.00	67.93 1.66 0.00	54.96 1.22 0.00	43.24 0.92 0.00	37.57 0.72 0.00
AUBURN____LFGE 323710	32.38 -0.07 0.00	29.03 -0.05 0.00	28.68 -0.04 0.00	28.68 -0.02 0.00	28.81 -0.06 0.00	31.51 -0.08 0.00	31.98 -0.21 0.00	38.14 -0.44 0.00	36.78 -0.29 0.00	37.30 -0.20 0.00	34.75 -0.16 0.00	46.39 -0.28 0.00	45.50 -0.34 0.00	47.58 -0.51 0.00	45.17 -0.46 0.00	38.54 -0.56 0.00	48.89 -0.67 0.00	73.28 -0.98 0.00	65.61 -1.12 0.00	68.25 -1.07 0.00	65.30 -0.97 0.00	53.00 -0.73 0.00	41.75 -0.57 0.00	36.46 -0.39 0.00
BABYLON_RES_REC 323704	35.33 2.88 0.00	31.34 2.27 0.00	30.77 2.04 0.00	30.67 1.98 0.00	30.88 2.00 0.00	33.62 2.03 0.00	34.07 1.88 0.00	40.40 1.82 0.00	38.75 1.67 0.00	39.10 1.59 0.00	36.60 1.70 0.00	49.38 2.20 -0.51	48.23 2.39 0.00	50.28 2.18 0.00	47.69 2.05 0.00	40.95 1.85 0.00	51.52 1.97 0.00	77.80 3.54 0.00	69.82 3.10 0.00	72.66 3.33 0.00	69.34 3.08 0.00	56.22 2.49 0.00	44.01 1.69 0.00	38.56 1.71 0.00
BALL_HILL_WT_PWR 323825	31.75 -0.70 0.00	28.41 -0.67 0.00	28.19 -0.54 0.00	28.18 -0.51 0.00	28.16 -0.71 0.00	30.81 -0.78 0.00	31.24 -0.95 0.00	37.07 -1.51 0.00	35.90 -1.17 0.00	36.65 -0.86 0.00	34.32 -0.59 0.00	45.66 -1.02 0.00	44.78 -1.06 0.00	46.47 -1.63 0.00	43.48 -2.16 0.00	37.09 -2.00 0.00	46.67 -2.89 0.00	68.84 -5.42 0.00	61.65 -5.08 0.00	64.38 -4.94 0.00	61.63 -4.64 0.00	50.02 -3.71 0.00	39.59 -2.73 0.00	35.08 -1.77 0.00
BARON_WINDS____WT_PWR 323822	32.10 -0.35 0.00	28.74 -0.33 0.00	28.53 -0.20 0.00	28.54 -0.16 0.00	28.54 -0.33 0.00	31.21 -0.39 0.00	31.57 -0.62 0.00	37.71 -0.86 0.00	36.49 -0.59 0.00	37.11 -0.40 0.00	34.64 -0.26 0.00	46.03 -0.64 0.00	45.12 -0.72 0.00	46.95 -1.15 0.00	44.06 -1.57 0.00	37.83 -1.27 0.00	47.84 -1.72 0.00	71.08 -3.19 0.00	63.68 -3.04 0.00	66.41 -2.92 0.00	63.58 -2.69 0.00	51.55 -2.19 0.00	40.61 -1.71 0.00	35.66 -1.19 0.00
BARRETT_IC_1 23704	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_10 23701	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	42.49 1.47 -3.51	55.69 1.67 -19.11	82.21 2.05 -33.48	58.39 2.23 -10.32	74.56 2.30 -24.16	74.69 2.36 -26.70	56.89 2.19 -15.61	65.02 2.51 -12.96	99.96 4.47 -21.22	80.48 3.79 -9.97	90.73 4.03 -17.37	85.67 3.63 -15.77	82.54 2.65 -26.16	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_11 23702	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	42.49 1.47 -3.51	55.69 1.67 -19.11	82.21 2.05 -33.48	58.39 2.23 -10.32	74.56 2.30 -24.16	74.69 2.36 -26.70	56.89 2.19 -15.61	65.02 2.51 -12.96	99.96 4.47 -21.22	80.48 3.79 -9.97	90.73 4.03 -17.37	85.67 3.63 -15.77	82.54 2.65 -26.16	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_12 23703	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	42.49 1.47 -3.51	55.69 1.67 -19.11	82.21 2.05 -33.48	58.39 2.23 -10.32	74.56 2.30 -24.16	74.69 2.36 -26.70	56.89 2.19 -15.61	65.02 2.51 -12.96	99.96 4.47 -21.22	80.48 3.79 -9.97	90.73 4.03 -17.37	85.67 3.63 -15.77	82.54 2.65 -26.16	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_2 23705	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_3 23706	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_4 23707	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_5 23708	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00

BARRETT_IC_6 23709	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_7 23710	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.78 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.70 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.49 1.66 -69.93	169.87 2.07 -121.13	85.81 2.22 -37.74	138.78 2.29 -88.39	145.70 2.37 -97.69	98.39 2.18 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	107.00 3.80 -36.47	136.90 4.03 -63.54	127.59 3.63 -57.69	152.08 2.65 -95.69	44.09 1.77 0.00	38.40 1.55 0.00
BARRETT_IC_8 23711	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT_IC_9 23700	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	42.49 1.47 -3.51	55.69 1.67 -19.11	82.21 2.05 -33.48	58.39 2.23 -10.32	74.56 2.30 -24.16	74.69 2.36 -26.70	56.89 2.19 -15.61	65.02 2.51 -12.96	99.96 4.47 -21.22	80.48 3.79 -9.97	90.73 4.03 -17.37	85.67 3.63 -15.77	82.54 2.65 -26.16	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT___1 23545	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	51.83 1.47 -12.85	106.50 1.67 -69.93	169.86 2.05 -121.13	85.81 2.23 -37.74	138.79 2.30 -88.39	145.69 2.36 -97.69	98.39 2.19 -57.11	99.46 2.51 -47.40	156.38 4.47 -77.64	106.99 3.79 -36.47	136.90 4.03 -63.54	127.58 3.63 -57.69	152.07 2.65 -95.69	44.10 1.78 0.00	38.40 1.55 0.00
BARRETT___2 23546	35.09 2.55 -0.09	31.11 2.04 0.00	30.55 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.44 1.84 0.00	33.89 1.69 0.00	40.18 1.61 0.00	38.59 1.51 0.00	42.49 1.47 -3.51	55.69 1.67 -19.11	82.21 2.05 -33.48	58.39 2.23 -10.32	74.56 2.30 -24.16	74.69 2.36 -26.70	56.89 2.19 -15.61	65.02 2.51 -12.96	99.96 4.47 -21.22	80.48 3.79 -9.97	90.73 4.03 -17.37	85.67 3.63 -15.77	82.54 2.65 -26.16	44.10 1.78 0.00	38.40 1.55 0.00
BATAVIA___115KV_TB1 55881	31.95 -0.50 0.00	28.61 -0.46 0.00	28.35 -0.38 0.00	28.32 -0.38 0.00	28.37 -0.51 0.00	31.04 -0.55 0.00	31.55 -0.64 0.00	37.43 -1.14 0.00	36.33 -0.74 0.00	37.01 -0.49 0.00	34.52 -0.38 0.00	45.88 -0.79 0.00	44.98 -0.86 0.00	46.68 -1.42 0.00	43.60 -2.03 0.00	37.19 -1.91 0.00	46.89 -2.67 0.00	69.10 -5.17 0.00	62.09 -4.64 0.00	64.68 -4.64 0.00	62.33 -3.94 0.00	50.92 -2.81 0.00	40.30 -2.02 0.00	35.60 -1.25 0.00
BAYONEEC___CTG1 323682	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG10 323750	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG2 323683	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG3 323684	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG4 323685	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG5 323686	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG6 323687	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG7 323688	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00

BAYONEEC___CTG8 323689	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BAYONEEC___CTG9 323749	34.86 2.41 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.42 1.92 0.00	36.77 1.86 0.00	49.15 2.47 0.00	48.45 2.61 0.00	51.01 2.91 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.79 3.24 0.00	79.67 5.40 0.00	71.50 4.78 0.00	74.05 4.72 0.00	70.42 4.15 0.00	56.68 2.94 0.00	44.52 2.19 0.00	38.67 1.82 0.00
BEACON___LESR 323632	33.49 1.04 0.00	29.94 0.87 0.00	29.53 0.80 0.00	29.46 0.76 0.00	29.64 0.76 0.00	32.45 0.86 0.00	32.80 0.61 0.00	39.23 0.65 0.00	37.53 0.45 0.00	38.08 0.57 0.00	35.35 0.44 0.00	47.27 0.60 0.00	46.49 0.65 0.00	49.06 0.97 0.00	46.76 1.13 0.00	40.13 1.04 0.00	51.04 1.48 0.00	76.68 2.42 0.00	68.84 2.12 0.00	71.47 2.15 0.00	68.05 1.78 0.00	55.01 1.28 0.00	43.24 0.92 0.00	37.50 0.65 0.00
BEAVER RIVER___HYD 24048	31.90 -0.55 0.00	28.79 -0.28 0.00	28.45 -0.28 0.00	28.48 -0.22 0.00	28.68 -0.20 0.00	31.43 -0.16 0.00	32.09 -0.10 0.00	38.69 0.11 0.00	37.26 0.18 0.00	37.81 0.31 0.00	35.15 0.24 0.00	46.78 0.10 0.00	45.87 0.03 0.00	47.98 -0.11 0.00	45.29 -0.35 0.00	38.68 -0.41 0.00	49.05 -0.50 0.00	73.89 -0.37 0.00	66.82 0.09 0.00	69.60 0.27 0.00	66.82 0.55 0.00	54.14 0.40 0.00	42.61 0.29 0.00	37.01 0.16 0.00
BEEBEE_GT_13 23619	31.80 -0.65 0.00	28.50 -0.58 0.00	28.21 -0.52 0.00	28.19 -0.51 0.00	28.28 -0.60 0.00	30.94 -0.65 0.00	31.43 -0.76 0.00	37.35 -1.23 0.00	36.16 -0.92 0.00	36.78 -0.73 0.00	34.32 -0.59 0.00	45.73 -0.95 0.00	44.84 -1.00 0.00	46.70 -1.40 0.00	43.89 -1.75 0.00	37.43 -1.67 0.00	47.27 -2.29 0.00	70.13 -4.13 0.00	63.01 -3.71 0.00	65.59 -3.74 0.00	63.00 -3.27 0.00	51.28 -2.46 0.00	40.45 -1.87 0.00	35.56 -1.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.22 2.76 0.00	31.45 2.37 0.00	30.88 2.15 0.00	30.86 2.17 0.00	31.03 2.16 0.00	33.78 2.19 0.00	34.33 2.14 0.00	40.98 2.40 0.00	39.40 2.32 0.00	39.85 2.34 0.00	37.16 2.25 0.00	49.73 3.06 0.00	49.11 3.27 0.00	51.63 3.53 0.00	49.32 3.69 0.00	43.24 3.19 -0.95	53.39 3.84 0.00	80.73 6.46 0.00	72.47 5.74 0.00	75.05 5.72 0.00	71.32 5.05 0.00	57.34 3.60 0.00	46.43 2.69 -1.42	39.63 2.21 -0.57
BETHLEHEM___GRP 23843	32.96 0.50 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.74 -0.17 0.00	46.41 -0.26 0.00	45.66 -0.19 0.00	48.18 0.08 0.00	45.82 0.19 0.00	39.34 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.72 0.00	69.87 0.54 0.00	66.78 0.51 0.00	54.02 0.28 0.00	42.51 0.19 0.00	36.91 0.05 0.00
BETHLEHEM___GS1 323560	32.95 0.49 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.75 -0.17 0.00	46.42 -0.26 0.00	45.66 -0.19 0.00	48.18 0.09 0.00	45.82 0.19 0.00	39.33 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.73 0.00	69.86 0.54 0.00	66.79 0.51 0.00	54.01 0.28 0.00	42.52 0.20 0.00	36.91 0.05 0.00
BETHLEHEM___GS2 323561	32.95 0.49 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.75 -0.17 0.00	46.42 -0.26 0.00	45.66 -0.19 0.00	48.18 0.09 0.00	45.82 0.19 0.00	39.33 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.73 0.00	69.86 0.54 0.00	66.79 0.51 0.00	54.01 0.28 0.00	42.52 0.20 0.00	36.91 0.05 0.00
BETHLEHEM___GS3 323562	32.95 0.49 0.00	29.52 0.45 0.00	29.12 0.40 0.00	29.09 0.39 0.00	29.26 0.38 0.00	31.98 0.39 0.00	32.39 0.20 0.00	38.66 0.08 0.00	37.14 0.06 0.00	37.44 -0.07 0.00	34.75 -0.17 0.00	46.42 -0.26 0.00	45.66 -0.19 0.00	48.18 0.09 0.00	45.82 0.19 0.00	39.33 0.24 0.00	49.93 0.38 0.00	75.02 0.75 0.00	67.45 0.73 0.00	69.86 0.54 0.00	66.79 0.51 0.00	54.01 0.28 0.00	42.52 0.20 0.00	36.91 0.05 0.00
BETHLEHEM___STEEL 23779	31.53 -0.92 0.00	28.24 -0.84 0.00	28.01 -0.72 0.00	28.00 -0.70 0.00	28.01 -0.87 0.00	30.64 -0.96 0.00	31.09 -1.11 0.00	36.85 -1.73 0.00	35.72 -1.36 0.00	36.45 -1.06 0.00	34.09 -0.81 0.00	45.33 -1.35 0.00	44.45 -1.39 0.00	46.12 -1.98 0.00	43.09 -2.54 0.00	36.72 -2.38 0.00	46.18 -3.37 0.00	68.00 -6.26 0.00	61.00 -5.73 0.00	63.64 -5.69 0.00	61.13 -5.13 0.00	49.88 -3.86 0.00	39.46 -2.86 0.00	34.97 -1.88 0.00
BETHLHEM_115KV_TB1 79974	33.03 0.58 0.00	29.58 0.51 0.00	29.19 0.46 0.00	29.16 0.46 0.00	29.32 0.45 0.00	32.05 0.45 0.00	32.47 0.27 0.00	38.76 0.18 0.00	37.24 0.16 0.00	37.54 0.04 0.00	34.84 -0.07 0.00	46.57 -0.11 0.00	45.81 -0.03 0.00	48.34 0.25 0.00	45.96 0.32 0.00	39.45 0.35 0.00	50.07 0.52 0.00	75.22 0.95 0.00	67.60 0.88 0.00	70.04 0.72 0.00	66.95 0.69 0.00	54.16 0.43 0.00	42.63 0.30 0.00	37.01 0.15 0.00
BETHPAGE_CC_5 323564	35.26 2.80 0.00	31.28 2.21 0.00	30.71 1.99 0.00	30.63 1.93 0.00	30.83 1.96 0.00	33.59 1.99 0.00	34.03 1.84 0.00	40.38 1.81 0.00	38.74 1.67 0.00	39.34 1.52 -0.31	38.28 1.68 -1.70	52.33 2.19 -3.46	49.05 2.29 -0.91	52.49 2.26 -2.14	50.35 2.35 -2.37	42.57 2.09 -1.39	53.06 2.36 -1.15	80.33 4.19 -1.88	71.25 3.64 -0.88	74.71 3.85 -1.54	71.17 3.50 -1.40	58.71 2.65 -2.32	44.11 1.79 0.00	38.44 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.58 -0.87 0.00	28.28 -0.79 0.00	28.05 -0.67 0.00	28.05 -0.65 0.00	28.06 -0.82 0.00	30.69 -0.90 0.00	31.13 -1.06 0.00	36.92 -1.66 0.00	35.79 -1.28 0.00	36.53 -0.98 0.00	34.17 -0.74 0.00	45.44 -1.24 0.00	44.55 -1.30 0.00	46.23 -1.86 0.00	43.20 -2.44 0.00	36.81 -2.29 0.00	46.30 -3.25 0.00	68.21 -6.05 0.00	61.18 -5.55 0.00	63.81 -5.52 0.00	61.30 -4.97 0.00	49.99 -3.74 0.00	39.53 -2.79 0.00	35.03 -1.82 0.00
BINGHAMTON___COGEN 23790	32.52 0.07 0.00	29.13 0.06 0.00	28.80 0.07 0.00	28.79 0.09 0.00	28.92 0.05 0.00	31.62 0.03 0.00	32.07 -0.13 0.00	38.29 -0.29 0.00	36.92 -0.16 0.00	37.46 -0.04 0.00	34.94 0.03 0.00	46.64 -0.04 0.00	45.77 -0.08 0.00	47.85 -0.25 0.00	45.21 -0.42 0.00	38.73 -0.37 0.00	49.11 -0.45 0.00	73.34 -0.92 0.00	65.75 -0.98 0.00	68.43 -0.90 0.00	65.26 -1.01 0.00	52.88 -0.85 0.00	41.67 -0.65 0.00	36.44 -0.41 0.00

BIXINCNT_115KV_LOAD 355685	31.97 -0.48 0.00	28.64 -0.43 0.00	28.40 -0.33 0.00	28.40 -0.30 0.00	28.40 -0.47 0.00	31.08 -0.51 0.00	31.57 -0.62 0.00	37.45 -1.13 0.00	36.28 -0.80 0.00	37.03 -0.48 0.00	34.67 -0.24 0.00	46.11 -0.56 0.00	45.18 -0.66 0.00	46.91 -1.18 0.00	43.84 -1.79 0.00	37.37 -1.72 0.00	47.02 -2.54 0.00	69.52 -4.75 0.00	62.23 -4.50 0.00	64.95 -4.38 0.00	62.28 -3.99 0.00	50.57 -3.16 0.00	39.63 -2.69 0.00	35.24 -1.62 0.00
BLACK RIVER___HYD 24047	32.06 -0.40 0.00	28.95 -0.12 0.00	28.60 -0.13 0.00	28.66 -0.04 0.00	28.85 -0.03 0.00	31.61 0.01 0.00	32.21 0.02 0.00	38.76 0.19 0.00	37.36 0.28 0.00	38.02 0.51 0.00	35.30 0.39 0.00	46.88 0.20 0.00	45.92 0.08 0.00	48.06 -0.04 0.00	45.32 -0.31 0.00	38.69 -0.40 0.00	49.15 -0.41 0.00	73.89 -0.37 0.00	67.03 0.31 0.00	69.89 0.56 0.00	67.17 0.90 0.00	54.31 0.58 0.00	42.64 0.32 0.00	37.01 0.16 0.00
BLACKRVR_115KV_TB2 79977	32.06 -0.40 0.00	28.95 -0.12 0.00	28.60 -0.13 0.00	28.66 -0.04 0.00	28.85 -0.03 0.00	31.61 0.01 0.00	32.21 0.02 0.00	38.76 0.18 0.00	37.36 0.28 0.00	38.02 0.52 0.00	35.30 0.39 0.00	46.88 0.20 0.00	45.92 0.08 0.00	48.05 -0.04 0.00	45.32 -0.31 0.00	38.69 -0.41 0.00	49.15 -0.41 0.00	73.89 -0.37 0.00	67.03 0.31 0.00	69.89 0.56 0.00	67.17 0.90 0.00	54.31 0.58 0.00	42.64 0.32 0.00	37.01 0.16 0.00
BLDWN_LI_69_KV_BK4 356085	35.24 2.77 -0.02	31.26 2.19 0.00	30.69 1.97 0.00	30.62 1.92 0.00	30.83 1.96 0.00	33.58 1.99 0.00	34.03 1.84 0.00	40.39 1.81 0.00	38.77 1.69 0.00	42.58 1.64 -3.44	55.42 1.81 -18.70	81.94 2.39 -32.88	58.32 2.38 -10.10	74.29 2.55 -23.64	74.40 2.63 -26.13	56.75 2.37 -15.28	65.04 2.81 -12.68	99.84 4.81 -20.77	80.64 4.16 -9.76	90.74 4.41 -16.99	85.75 4.05 -15.43	82.33 3.00 -25.60	44.44 2.11 0.00	38.63 1.78 0.00
BLISS_WT_PWR 323608	31.97 -0.49 0.00	28.64 -0.43 0.00	28.39 -0.33 0.00	28.40 -0.30 0.00	28.39 -0.49 0.00	31.07 -0.52 0.00	31.57 -0.62 0.00	37.45 -1.12 0.00	36.28 -0.80 0.00	37.04 -0.47 0.00	34.66 -0.25 0.00	46.14 -0.53 0.00	45.22 -0.63 0.00	46.95 -1.15 0.00	43.89 -1.75 0.00	37.40 -1.70 0.00	47.04 -2.52 0.00	69.58 -4.68 0.00	62.27 -4.46 0.00	65.00 -4.33 0.00	62.32 -3.95 0.00	50.59 -3.15 0.00	39.57 -2.75 0.00	35.20 -1.66 0.00
BLUESTONE___WT_PWR 323821	33.72 1.27 0.00	30.14 1.07 0.00	29.55 0.82 0.00	29.65 0.95 0.00	29.97 1.10 0.00	32.90 1.30 0.00	33.38 1.19 0.00	39.84 1.27 0.00	38.61 1.53 0.00	39.19 1.69 0.00	36.50 1.59 0.00	48.75 2.07 0.00	47.77 1.92 0.00	49.80 1.71 0.00	47.05 1.42 0.00	40.11 1.01 0.00	51.13 1.57 0.00	77.01 2.75 0.00	68.81 2.09 0.00	71.77 2.45 0.00	68.66 2.39 0.00	55.59 1.86 0.00	43.69 1.37 0.00	38.09 1.24 0.00
BLUE_CIRC_CHEM_DRP 24182	33.35 0.90 0.00	29.87 0.79 0.00	29.49 0.76 0.00	29.46 0.76 0.00	29.62 0.74 0.00	32.38 0.79 0.00	32.78 0.59 0.00	39.00 0.42 0.00	37.42 0.34 0.00	37.83 0.33 0.00	35.01 0.10 0.00	46.75 0.07 0.00	46.04 0.19 0.00	48.54 0.44 0.00	46.16 0.53 0.00	39.63 0.53 0.00	50.27 0.71 0.00	75.48 1.21 0.00	67.97 1.24 0.00	70.56 1.23 0.00	67.55 1.28 0.00	54.69 0.95 0.00	43.08 0.76 0.00	37.41 0.56 0.00
BOC_GAS_DRP 24189	33.20 0.75 0.00	29.72 0.65 0.00	29.34 0.61 0.00	29.31 0.60 0.00	29.48 0.60 0.00	32.20 0.61 0.00	32.66 0.46 0.00	39.00 0.43 0.00	37.45 0.37 0.00	37.78 0.28 0.00	35.10 0.19 0.00	46.96 0.28 0.00	46.18 0.34 0.00	48.66 0.56 0.00	46.27 0.64 0.00	39.68 0.58 0.00	50.36 0.80 0.00	75.60 1.33 0.00	67.93 1.20 0.00	70.39 1.06 0.00	67.25 0.98 0.00	54.45 0.72 0.00	42.88 0.55 0.00	37.24 0.39 0.00
BOONVILLE_115KV_TB1 79983	32.70 0.25 0.00	29.38 0.31 0.00	29.01 0.29 0.00	29.01 0.31 0.00	29.19 0.32 0.00	31.96 0.37 0.00	32.55 0.36 0.00	39.06 0.48 0.00	37.60 0.52 0.00	38.11 0.60 0.00	35.46 0.55 0.00	47.35 0.67 0.00	46.48 0.63 0.00	48.69 0.60 0.00	46.01 0.37 0.00	39.35 0.26 0.00	49.97 0.41 0.00	75.14 0.87 0.00	67.69 0.96 0.00	70.39 1.06 0.00	67.37 1.11 0.00	54.56 0.83 0.00	42.90 0.58 0.00	37.30 0.45 0.00
BORALEX_4TH_BRANCH 23824	33.81 1.35 0.00	30.27 1.20 0.00	29.83 1.11 0.00	29.80 1.10 0.00	29.96 1.09 0.00	32.82 1.22 0.00	33.07 0.88 0.00	39.51 0.93 0.00	37.75 0.67 0.00	37.86 0.35 0.00	35.04 0.13 0.00	47.04 0.37 0.00	46.10 0.25 0.00	48.90 0.81 0.00	46.46 0.83 0.00	39.85 0.75 0.00	51.08 1.52 0.00	76.72 2.46 0.00	68.97 2.25 0.00	71.36 2.03 0.00	68.39 2.12 0.00	55.26 1.53 0.00	43.64 1.32 0.00	37.87 1.02 0.00
BOWLINE___1 23526	34.51 2.06 0.00	30.79 1.72 0.00	30.31 1.58 0.00	30.27 1.57 0.00	30.49 1.62 0.00	33.23 1.63 0.00	33.73 1.54 0.00	40.25 1.67 0.00	38.64 1.57 0.00	39.05 1.55 0.00	36.43 1.53 0.00	48.72 2.04 0.00	48.06 2.21 0.00	50.63 2.53 0.00	48.30 2.67 0.00	41.39 2.29 0.00	52.45 2.90 0.00	79.06 4.79 0.00	70.98 4.25 0.00	73.53 4.21 0.00	69.97 3.70 0.00	56.32 2.58 0.00	44.23 1.91 0.00	38.43 1.58 0.00
BOWLINE___2 23595	34.51 2.06 0.00	30.79 1.72 0.00	30.31 1.58 0.00	30.27 1.57 0.00	30.49 1.62 0.00	33.23 1.63 0.00	33.73 1.54 0.00	40.25 1.67 0.00	38.64 1.57 0.00	39.05 1.55 0.00	36.43 1.53 0.00	48.72 2.04 0.00	48.06 2.21 0.00	50.63 2.53 0.00	48.30 2.67 0.00	41.39 2.29 0.00	52.45 2.90 0.00	79.06 4.79 0.00	70.98 4.25 0.00	73.53 4.21 0.00	69.97 3.70 0.00	56.32 2.58 0.00	44.23 1.91 0.00	38.43 1.58 0.00
BRADY___115KV_TB2 356060	32.15 -0.30 0.00	28.87 -0.20 0.00	28.61 -0.11 0.00	28.59 -0.11 0.00	28.78 -0.09 0.00	31.62 0.02 0.00	32.64 0.45 0.00	39.68 1.11 0.00	38.05 0.98 0.00	38.52 1.01 0.00	35.83 0.92 0.00	47.69 1.02 0.00	46.65 0.81 0.00	48.67 0.57 0.00	46.18 0.55 0.00	39.58 0.49 0.00	49.81 0.26 0.00	74.90 0.64 0.00	67.53 0.80 0.00	70.61 1.28 0.00	67.81 1.54 0.00	55.35 1.62 0.00	43.85 1.53 0.00	38.16 1.30 0.00
BRANSCOMB___SOLAR 323811	34.03 1.58 0.00	30.40 1.33 0.00	29.97 1.25 0.00	29.93 1.23 0.00	30.11 1.23 0.00	32.97 1.38 0.00	33.53 1.34 0.00	40.01 1.44 0.00	38.35 1.27 0.00	38.79 1.28 0.00	35.95 1.04 0.00	48.29 1.62 0.00	47.39 1.55 0.00	49.83 1.73 0.00	47.27 1.63 0.00	40.22 1.12 0.00	51.00 1.44 0.00	76.59 2.32 0.00	68.86 2.13 0.00	71.36 2.03 0.00	68.25 1.98 0.00	55.17 1.44 0.00	43.47 1.15 0.00	38.08 1.23 0.00
BRDGHMPT_69_KV_BK1 55812	35.92 3.48 0.00	31.21 2.14 0.00	30.67 1.94 0.00	30.50 1.80 0.00	30.71 1.83 0.00	33.42 1.83 0.00	33.93 1.75 0.00	40.31 1.73 0.00	38.50 1.43 0.00	38.10 1.20 0.61	32.85 1.26 3.32	42.91 1.50 5.27	45.85 1.80 1.79	45.61 1.71 4.20	42.61 1.62 4.64	38.10 1.72 2.71	49.29 1.99 2.25	74.86 4.29 3.69	68.89 3.90 1.73	71.01 4.70 3.02	68.27 4.74 2.74	53.11 3.92 4.55	44.88 2.56 0.00	38.86 2.00 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	35.57 3.12 0.00	31.55 2.48 0.00	30.97 2.24 0.00	30.86 2.16 0.00	31.07 2.19 0.00	33.81 2.22 0.00	34.27 2.08 0.00	40.60 2.02 0.00	38.94 1.86 0.00	38.77 1.78 0.52	33.95 1.86 2.82	44.57 2.30 4.40	46.84 2.52 1.52	46.84 2.31 3.57	44.11 2.42 3.94	39.13 2.34 2.30	50.29 2.65 1.91	76.02 4.89 3.13	69.28 4.02 1.47	70.93 4.16 2.56	67.83 3.89 2.33	52.97 3.09 3.86	44.53 2.21 0.00	38.69 1.84 0.00
BRISTLHL_115KV_TB1 79998	31.72 -0.73 0.00	28.48 -0.59 0.00	28.14 -0.59 0.00	28.12 -0.58 0.00	28.27 -0.60 0.00	30.92 -0.67 0.00	31.36 -0.83 0.00	37.35 -1.22 0.00	36.03 -1.05 0.00	36.50 -1.00 0.00	34.01 -0.90 0.00	45.42 -1.25 0.00	44.55 -1.29 0.00	46.65 -1.44 0.00	44.19 -1.45 0.00	37.84 -1.26 0.00	48.02 -1.54 0.00	71.76 -2.51 0.00	64.52 -2.20 0.00	67.07 -2.26 0.00	64.15 -2.12 0.00	51.86 -1.88 0.00	40.81 -1.51 0.00	35.59 -1.26 0.00
BROOKHAVEN___DRP 24191	35.52 3.07 0.00	31.40 2.33 0.00	30.83 2.10 0.00	30.71 2.01 0.00	30.92 2.04 0.00	33.63 2.03 0.00	34.10 1.91 0.00	40.39 1.82 0.00	38.68 1.60 0.00	38.38 1.49 0.61	33.12 1.55 3.34	43.21 1.84 5.30	46.15 2.11 1.80	45.78 1.90 4.22	42.92 1.94 4.66	38.36 1.99 2.73	49.51 2.22 2.26	74.90 4.33 3.71	68.85 3.87 1.74	70.58 4.28 3.03	67.59 4.08 2.76	52.39 3.22 4.57	44.47 2.15 0.00	38.60 1.75 0.00
BROOKLYN_NAVY_YARD 23515	34.80 2.34 0.00	31.06 1.99 0.00	30.55 1.82 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.87 0.00	33.98 1.79 0.00	40.53 1.95 0.00	38.95 1.88 0.00	39.39 1.88 0.00	36.69 1.79 0.00	49.10 2.42 0.00	48.37 2.52 0.00	50.91 2.81 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.72 3.16 0.00	79.56 5.30 0.00	71.42 4.69 0.00	73.95 4.62 0.00	70.33 4.06 0.00	56.60 2.87 0.00	44.47 2.15 0.00	38.61 1.75 0.00
BROOKLYN___ARMY_DRP 323595	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
BROOME_2_LFGE 323671	32.52 0.07 0.00	29.13 0.06 0.00	28.80 0.07 0.00	28.79 0.09 0.00	28.92 0.05 0.00	31.63 0.03 0.00	32.06 -0.13 0.00	38.28 -0.30 0.00	36.92 -0.16 0.00	37.46 -0.04 0.00	34.93 0.03 0.00	46.63 -0.04 0.00	45.77 -0.08 0.00	47.85 -0.25 0.00	45.21 -0.42 0.00	38.73 -0.37 0.00	49.10 -0.46 0.00	73.35 -0.92 0.00	65.75 -0.98 0.00	68.43 -0.90 0.00	65.26 -1.01 0.00	52.88 -0.85 0.00	41.67 -0.65 0.00	36.44 -0.41 0.00
BROOME___LFGE 323600	32.52 0.07 0.00	29.13 0.06 0.00	28.80 0.07 0.00	28.79 0.09 0.00	28.92 0.05 0.00	31.63 0.03 0.00	32.06 -0.13 0.00	38.28 -0.30 0.00	36.92 -0.16 0.00	37.46 -0.04 0.00	34.93 0.03 0.00	46.63 -0.04 0.00	45.77 -0.08 0.00	47.85 -0.25 0.00	45.21 -0.42 0.00	38.73 -0.37 0.00	49.10 -0.46 0.00	73.35 -0.92 0.00	65.75 -0.98 0.00	68.43 -0.90 0.00	65.26 -1.01 0.00	52.88 -0.85 0.00	41.67 -0.65 0.00	36.44 -0.41 0.00
BROWNFLS_115KV_TB 3_5 80003	31.39 -1.06 0.00	28.28 -0.79 0.00	27.97 -0.75 0.00	27.99 -0.71 0.00	28.18 -0.69 0.00	30.92 -0.67 0.00	31.73 -0.46 0.00	38.43 -0.15 0.00	36.95 -0.13 0.00	37.47 -0.04 0.00	34.84 -0.07 0.00	46.40 -0.27 0.00	45.47 -0.37 0.00	47.51 -0.58 0.00	44.94 -0.69 0.00	38.46 -0.64 0.00	48.57 -0.98 0.00	73.13 -1.13 0.00	66.01 -0.71 0.00	68.84 -0.49 0.00	66.07 -0.20 0.00	53.71 -0.02 0.00	42.42 0.09 0.00	36.86 0.01 0.00
BROWNSV1_27_KV_LOAD 356125	35.16 2.71 0.00	31.36 2.29 0.00	30.83 2.10 0.00	30.80 2.10 0.00	30.98 2.10 0.00	33.73 2.14 0.00	34.27 2.08 0.00	40.90 2.33 0.00	39.33 2.26 0.00	39.79 2.28 0.00	37.12 2.21 0.00	49.65 2.98 0.00	48.94 3.10 0.00	51.51 3.41 0.00	49.17 3.53 0.00	42.16 3.06 0.00	53.34 3.78 0.00	80.48 6.21 0.00	72.24 5.52 0.00	74.80 5.47 0.00	71.12 4.85 0.00	57.25 3.52 0.00	44.96 2.64 0.00	39.04 2.18 0.00
BURROWS___LYONSDAL 23803	32.51 0.06 0.00	29.25 0.18 0.00	28.88 0.15 0.00	28.89 0.18 0.00	29.08 0.20 0.00	31.84 0.24 0.00	32.44 0.25 0.00	38.96 0.38 0.00	37.52 0.44 0.00	38.03 0.52 0.00	35.38 0.47 0.00	47.20 0.53 0.00	46.34 0.50 0.00	48.52 0.43 0.00	45.82 0.19 0.00	39.17 0.07 0.00	49.74 0.18 0.00	74.83 0.57 0.00	67.48 0.75 0.00	70.20 0.87 0.00	67.24 0.97 0.00	54.45 0.72 0.00	42.82 0.50 0.00	37.22 0.37 0.00
CAITHNESS_CC_1 323624	35.43 2.98 0.00	31.36 2.29 0.00	30.79 2.06 0.00	30.67 1.97 0.00	30.88 2.00 0.00	33.59 1.99 0.00	34.05 1.86 0.00	40.33 1.75 0.00	38.65 1.57 0.00	38.35 1.46 0.62	33.09 1.54 3.35	43.17 1.82 5.32	46.11 2.07 1.81	45.74 1.88 4.23	42.89 1.93 4.68	38.32 1.97 2.74	49.46 2.17 2.27	74.77 4.22 3.72	68.68 3.70 1.75	70.37 4.09 3.04	67.37 3.87 2.77	52.17 3.02 4.59	44.35 2.03 0.00	38.50 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	35.20 2.74 -0.01	31.24 2.17 0.00	30.67 1.94 0.00	30.60 1.90 0.00	30.80 1.93 0.00	33.54 1.95 0.00	33.99 1.80 0.00	40.34 1.76 0.00	38.68 1.60 0.00	39.72 1.51 -0.71	40.42 1.66 -3.86	56.09 2.18 -7.23	50.20 2.28 -2.08	55.22 2.25 -4.87	53.39 2.36 -5.39	44.29 2.04 -3.15	54.51 2.33 -2.61	82.72 4.17 -4.28	72.35 3.61 -2.01	76.66 3.83 -3.51	72.92 3.47 -3.18	61.60 2.59 -5.28	44.06 1.74 0.00	38.44 1.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.20 2.75 -0.01	31.24 2.17 0.00	30.67 1.94 0.00	30.60 1.90 0.00	30.80 1.92 0.00	33.54 1.95 0.00	33.99 1.80 0.00	40.35 1.77 0.00	38.68 1.60 0.00	39.72 1.51 -0.71	40.42 1.66 -3.86	56.09 2.18 -7.23	50.21 2.28 -2.08	55.23 2.26 -4.87	53.39 2.36 -5.39	44.30 2.05 -3.15	54.51 2.34 -2.61	82.72 4.17 -4.28	72.33 3.59 -2.01	76.66 3.83 -3.51	72.91 3.46 -3.18	61.60 2.59 -5.28	44.06 1.74 0.00	38.44 1.59 0.00
CALPINE_BP_GT1 23823	35.20 2.75 -0.01	31.24 2.17 0.00	30.67 1.94 0.00	30.60 1.90 0.00	30.80 1.92 0.00	33.54 1.95 0.00	33.99 1.80 0.00	40.35 1.77 0.00	38.68 1.60 0.00	39.72 1.51 -0.71	40.42 1.66 -3.86	56.09 2.18 -7.23	50.21 2.28 -2.08	55.23 2.26 -4.87	53.39 2.36 -5.39	44.30 2.05 -3.15	54.51 2.34 -2.61	82.72 4.17 -4.28	72.33 3.59 -2.01	76.66 3.83 -3.51	72.91 3.46 -3.18	61.60 2.59 -5.28	44.06 1.74 0.00	38.44 1.59 0.00
CALSPAN___DRP 24200	31.53 -0.92 0.00	28.24 -0.84 0.00	28.01 -0.72 0.00	28.00 -0.70 0.00	28.01 -0.87 0.00	30.64 -0.96 0.00	31.09 -1.11 0.00	36.85 -1.73 0.00	35.72 -1.36 0.00	36.45 -1.06 0.00	34.09 -0.81 0.00	45.33 -1.35 0.00	44.45 -1.39 0.00	46.12 -1.98 0.00	43.09 -2.54 0.00	36.72 -2.38 0.00	46.18 -3.37 0.00	68.00 -6.26 0.00	61.00 -5.73 0.00	63.64 -5.69 0.00	61.13 -5.13 0.00	49.88 -3.86 0.00	39.46 -2.86 0.00	34.97 -1.88 0.00

CALVERTON___SOLAR 323806	35.62 3.17 0.00	31.43 2.36 0.00	30.86 2.13 0.00	30.73 2.03 0.00	30.94 2.06 0.00	33.65 2.06 0.00	34.13 1.94 0.00	40.43 1.85 0.00	38.71 1.63 0.00	38.38 1.49 0.61	33.12 1.54 3.33	43.22 1.83 5.29	46.19 2.14 1.80	45.82 1.94 4.21	42.92 1.94 4.65	38.37 2.00 2.72	49.55 2.25 2.26	75.02 4.45 3.70	68.96 3.97 1.74	70.75 4.45 3.03	67.79 4.28 2.75	52.55 3.38 4.56	44.59 2.28 0.00	38.68 1.83 0.00
CANDIGU_WT_PWR 323617	32.10 -0.35 0.00	28.74 -0.33 0.00	28.53 -0.20 0.00	28.54 -0.16 0.00	28.54 -0.33 0.00	31.21 -0.39 0.00	31.57 -0.62 0.00	37.71 -0.86 0.00	36.49 -0.59 0.00	37.11 -0.40 0.00	34.64 -0.26 0.00	46.03 -0.64 0.00	45.12 -0.72 0.00	46.95 -1.15 0.00	44.06 -1.57 0.00	37.83 -1.27 0.00	47.84 -1.72 0.00	71.08 -3.19 0.00	63.68 -3.04 0.00	66.41 -2.92 0.00	63.58 -2.69 0.00	51.55 -2.19 0.00	40.61 -1.71 0.00	35.66 -1.19 0.00
CARR STREET_E_SYR 24060	32.11 -0.35 0.00	28.80 -0.27 0.00	28.46 -0.27 0.00	28.44 -0.26 0.00	28.58 -0.29 0.00	31.26 -0.33 0.00	31.71 -0.49 0.00	37.78 -0.79 0.00	36.43 -0.65 0.00	36.91 -0.60 0.00	34.40 -0.51 0.00	45.94 -0.73 0.00	45.08 -0.76 0.00	47.22 -0.87 0.00	44.68 -0.95 0.00	38.26 -0.84 0.00	48.54 -1.01 0.00	72.55 -1.72 0.00	65.18 -1.55 0.00	67.75 -1.58 0.00	64.77 -1.50 0.00	52.35 -1.38 0.00	41.20 -1.12 0.00	35.95 -0.90 0.00
CARTHAGE___PAPER 23857	32.17 -0.28 0.00	29.04 -0.03 0.00	28.69 -0.04 0.00	28.74 0.04 0.00	28.94 0.07 0.00	31.73 0.13 0.00	32.38 0.19 0.00	39.04 0.46 0.00	37.61 0.53 0.00	38.22 0.71 0.00	35.50 0.59 0.00	47.20 0.53 0.00	46.26 0.42 0.00	48.38 0.28 0.00	45.62 -0.01 0.00	38.98 -0.11 0.00	49.48 -0.08 0.00	74.52 0.25 0.00	67.48 0.75 0.00	70.32 0.99 0.00	67.55 1.28 0.00	54.68 0.94 0.00	42.99 0.67 0.00	37.33 0.47 0.00
CASSADAGA_WT_PWR 323784	32.41 -0.05 0.00	28.95 -0.12 0.00	28.73 0.01 0.00	28.70 0.00 0.00	28.64 -0.24 0.00	31.34 -0.26 0.00	31.79 -0.40 0.00	37.71 -0.86 0.00	36.51 -0.57 0.00	37.26 -0.24 0.00	34.94 0.04 0.00	46.63 -0.05 0.00	45.70 -0.14 0.00	47.32 -0.77 0.00	44.37 -1.26 0.00	37.97 -1.13 0.00	47.76 -1.79 0.00	70.60 -3.66 0.00	63.17 -3.56 0.00	66.06 -3.27 0.00	62.94 -3.33 0.00	50.54 -3.20 0.00	40.19 -2.13 0.00	35.55 -1.30 0.00
CE_DUNWOOD___DRP 24194	34.69 2.24 0.00	30.96 1.89 0.00	30.45 1.72 0.00	30.40 1.70 0.00	30.60 1.73 0.00	33.34 1.75 0.00	33.84 1.65 0.00	40.38 1.80 0.00	38.79 1.71 0.00	39.20 1.70 0.00	36.55 1.64 0.00	48.90 2.23 0.00	48.21 2.36 0.00	50.76 2.66 0.00	48.43 2.79 0.00	41.51 2.41 0.00	52.61 3.05 0.00	79.32 5.05 0.00	71.21 4.48 0.00	73.76 4.43 0.00	70.20 3.94 0.00	56.53 2.80 0.00	44.40 2.08 0.00	38.56 1.70 0.00
CE_MILLWOOD___DRP 24193	34.60 2.15 0.00	30.88 1.81 0.00	30.39 1.67 0.00	30.35 1.65 0.00	30.55 1.68 0.00	33.29 1.70 0.00	33.79 1.60 0.00	40.31 1.74 0.00	38.73 1.65 0.00	39.13 1.62 0.00	36.48 1.57 0.00	48.80 2.13 0.00	48.11 2.27 0.00	50.67 2.57 0.00	48.34 2.70 0.00	41.43 2.33 0.00	52.51 2.96 0.00	79.17 4.91 0.00	71.09 4.36 0.00	73.65 4.32 0.00	70.08 3.81 0.00	56.44 2.71 0.00	44.33 2.01 0.00	38.51 1.65 0.00
CE_NYC2_DRP 24202	34.91 2.46 0.00	31.18 2.10 0.00	30.64 1.91 0.00	30.63 1.93 0.00	30.81 1.94 0.00	33.51 1.92 0.00	34.06 1.87 0.00	40.64 2.06 0.00	39.07 1.99 0.00	39.51 2.00 0.00	36.84 1.93 0.00	49.28 2.60 0.00	48.60 2.75 0.00	51.12 3.03 0.00	48.82 3.19 0.00	41.83 2.74 0.00	52.91 3.35 0.00	79.94 5.68 0.00	71.72 4.99 0.00	74.28 4.96 0.00	70.60 4.33 0.00	56.81 3.08 0.00	44.58 2.26 0.00	38.70 1.85 0.00
CE_NYC_DRP 24195	34.94 2.49 0.00	31.17 2.10 0.00	30.66 1.93 0.00	30.63 1.93 0.00	30.81 1.94 0.00	33.54 1.95 0.00	34.07 1.88 0.00	40.67 2.09 0.00	39.10 2.02 0.00	39.53 2.02 0.00	36.87 1.97 0.00	49.31 2.63 0.00	48.61 2.77 0.00	51.17 3.07 0.00	48.83 3.20 0.00	41.79 2.76 0.06	52.97 3.42 0.00	79.94 5.67 0.00	71.73 5.00 0.00	74.28 4.96 0.00	70.64 4.37 0.00	56.84 3.11 0.00	44.54 2.32 0.09	38.72 1.90 0.04
CHAFFEE___LFGE 323603	31.64 -0.81 0.00	28.32 -0.75 0.00	28.09 -0.64 0.00	28.08 -0.62 0.00	28.10 -0.77 0.00	30.74 -0.86 0.00	31.17 -1.02 0.00	36.98 -1.59 0.00	35.89 -1.19 0.00	36.63 -0.87 0.00	34.26 -0.64 0.00	45.57 -1.10 0.00	44.66 -1.18 0.00	46.35 -1.74 0.00	43.32 -2.32 0.00	36.90 -2.19 0.00	46.43 -3.13 0.00	68.44 -5.82 0.00	61.38 -5.35 0.00	64.01 -5.32 0.00	61.47 -4.80 0.00	50.15 -3.59 0.00	39.64 -2.68 0.00	35.10 -1.75 0.00
CHATEAUG_35_KV_LOAD 355732	31.92 -0.53 0.00	28.75 -0.32 0.00	28.51 -0.21 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.60 0.01 0.00	32.52 0.33 0.00	39.37 0.80 0.00	37.82 0.74 0.00	38.29 0.79 0.00	35.69 0.78 0.00	47.72 1.05 0.00	46.80 0.96 0.00	48.75 0.65 0.00	46.20 0.57 0.00	39.69 0.59 0.00	50.22 0.67 0.00	75.34 1.07 0.00	67.77 1.05 0.00	70.62 1.30 0.00	67.67 1.40 0.00	55.23 1.50 0.00	43.64 1.32 0.00	37.91 1.05 0.00
CHATEAUG_WT_PWR 323614	31.92 -0.53 0.00	28.76 -0.32 0.00	28.50 -0.22 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.59 0.00 0.00	32.50 0.31 0.00	39.32 0.74 0.00	37.78 0.70 0.00	38.24 0.73 0.00	35.67 0.76 0.00	47.71 1.04 0.00	46.78 0.93 0.00	48.80 0.71 0.00	46.24 0.61 0.00	39.72 0.62 0.00	50.28 0.72 0.00	75.40 1.13 0.00	67.75 1.03 0.00	70.54 1.21 0.00	67.52 1.25 0.00	55.07 1.34 0.00	43.54 1.22 0.00	37.82 0.97 0.00
CHAT_HIGH_FALL_HYD 323578	31.92 -0.53 0.00	28.75 -0.32 0.00	28.51 -0.21 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.60 0.01 0.00	32.52 0.33 0.00	39.37 0.80 0.00	37.82 0.74 0.00	38.29 0.79 0.00	35.69 0.78 0.00	47.72 1.05 0.00	46.80 0.96 0.00	48.75 0.65 0.00	46.20 0.57 0.00	39.69 0.59 0.00	50.22 0.67 0.00	75.34 1.07 0.00	67.77 1.05 0.00	70.62 1.30 0.00	67.67 1.40 0.00	55.23 1.50 0.00	43.64 1.32 0.00	37.91 1.05 0.00
CHAUTAUQUA___LFGE 323629	32.08 -0.37 0.00	28.67 -0.40 0.00	28.45 -0.28 0.00	28.44 -0.26 0.00	28.40 -0.48 0.00	31.06 -0.53 0.00	31.48 -0.71 0.00	37.38 -1.19 0.00	36.19 -0.89 0.00	36.95 -0.56 0.00	34.65 -0.25 0.00	46.14 -0.54 0.00	45.27 -0.57 0.00	46.98 -1.12 0.00	43.98 -1.66 0.00	37.58 -1.52 0.00	47.28 -2.27 0.00	69.80 -4.47 0.00	62.45 -4.28 0.00	65.31 -4.02 0.00	62.30 -3.96 0.00	50.33 -3.40 0.00	39.89 -2.43 0.00	35.32 -1.53 0.00
CHERRYST_13_KV_LD 356241	35.03 2.58 0.00	31.26 2.18 0.00	30.74 2.01 0.00	30.70 2.00 0.00	30.89 2.01 0.00	33.63 2.03 0.00	34.16 1.97 0.00	40.76 2.18 0.00	39.20 2.13 0.00	39.65 2.14 0.00	36.98 2.08 0.00	49.46 2.78 0.00	48.76 2.92 0.00	51.31 3.22 0.00	48.98 3.35 0.00	41.98 2.88 0.00	53.13 3.58 0.00	80.17 5.91 0.00	71.94 5.22 0.00	74.49 5.16 0.00	70.83 4.56 0.00	57.00 3.26 0.00	44.75 2.43 0.00	38.86 2.01 0.00

CHESTROR_138KV_BK263 355645	34.34 1.89 0.00	30.65 1.58 0.00	30.19 1.46 0.00	30.18 1.48 0.00	30.41 1.54 0.00	33.16 1.57 0.00	33.66 1.47 0.00	40.18 1.60 0.00	38.56 1.48 0.00	38.94 1.44 0.00	36.30 1.39 0.00	48.56 1.89 0.00	47.91 2.06 0.00	50.49 2.39 0.00	48.18 2.55 0.00	41.19 2.10 0.00	52.26 2.71 0.00	78.79 4.53 0.00	70.77 4.05 0.00	73.38 4.05 0.00	69.87 3.60 0.00	56.28 2.55 0.00	44.20 1.88 0.00	38.38 1.53 0.00
CH_MIDHUDSON___DRP 24192	34.48 2.03 0.00	30.77 1.70 0.00	30.33 1.61 0.00	30.29 1.59 0.00	30.49 1.62 0.00	33.25 1.66 0.00	33.73 1.54 0.00	40.26 1.68 0.00	38.66 1.58 0.00	39.00 1.49 0.00	36.31 1.41 0.00	48.62 1.95 0.00	47.93 2.08 0.00	50.53 2.43 0.00	48.19 2.56 0.00	41.27 2.18 0.00	52.36 2.81 0.00	78.97 4.71 0.00	70.94 4.21 0.00	73.51 4.19 0.00	70.04 3.77 0.00	56.50 2.77 0.00	44.37 2.05 0.00	38.50 1.64 0.00
CH_MISC_IPPS 23765	34.67 2.22 0.00	30.94 1.87 0.00	30.49 1.76 0.00	30.45 1.75 0.00	30.66 1.79 0.00	33.44 1.84 0.00	33.93 1.74 0.00	40.50 1.92 0.00	38.89 1.81 0.00	39.25 1.75 0.00	36.57 1.67 0.00	48.97 2.30 0.00	48.31 2.47 0.00	50.94 2.84 0.00	48.59 2.96 0.00	41.53 2.43 0.00	52.75 3.19 0.00	79.57 5.31 0.00	71.48 4.75 0.00	74.08 4.75 0.00	70.56 4.29 0.00	56.88 3.15 0.00	44.65 2.33 0.00	38.74 1.89 0.00
CH_RES_BVR_FALLS 23983	32.02 -0.43 0.00	28.77 -0.30 0.00	28.48 -0.24 0.00	28.46 -0.24 0.00	28.64 -0.23 0.00	31.39 -0.20 0.00	32.20 0.01 0.00	38.80 0.23 0.00	37.24 0.16 0.00	37.70 0.19 0.00	35.11 0.20 0.00	46.92 0.24 0.00	46.03 0.18 0.00	48.13 0.03 0.00	45.68 0.05 0.00	39.20 0.11 0.00	49.60 0.05 0.00	74.36 0.09 0.00	66.83 0.10 0.00	69.52 0.19 0.00	66.54 0.27 0.00	54.17 0.43 0.00	42.71 0.39 0.00	37.19 0.34 0.00
CH_RES_NIAGARA 23895	30.69 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.73 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.14 -1.77 0.00	44.03 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.86 0.00	35.50 -3.60 0.00	44.56 -4.99 0.00	65.44 -8.82 0.00	58.76 -7.96 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.42 -3.91 0.00	34.12 -2.73 0.00
CH_RES_SYRACUSE 23985	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.38 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.43 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.27 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.87 0.00	36.17 -0.69 0.00
CLINTON_WT_PWR 323605	31.92 -0.53 0.00	28.76 -0.32 0.00	28.50 -0.22 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.59 0.00 0.00	32.50 0.31 0.00	39.32 0.74 0.00	37.78 0.70 0.00	38.24 0.73 0.00	35.67 0.76 0.00	47.71 1.04 0.00	46.78 0.93 0.00	48.80 0.71 0.00	46.24 0.61 0.00	39.72 0.62 0.00	50.28 0.72 0.00	75.40 1.13 0.00	67.75 1.03 0.00	70.54 1.21 0.00	67.52 1.25 0.00	55.07 1.34 0.00	43.54 1.22 0.00	37.82 0.97 0.00
CLINTON___LFGE 323618	32.21 -0.24 0.00	29.06 -0.01 0.00	28.75 0.03 0.00	28.76 0.06 0.00	28.98 0.11 0.00	31.91 0.31 0.00	32.79 0.60 0.00	39.62 1.05 0.00	38.11 1.03 0.00	38.57 1.06 0.00	36.01 1.11 0.00	48.22 1.55 0.00	47.32 1.47 0.00	49.28 1.19 0.00	46.67 1.04 0.00	40.08 0.98 0.00	50.79 1.23 0.00	76.12 1.86 0.00	68.52 1.80 0.00	71.31 1.98 0.00	68.23 1.96 0.00	55.66 1.93 0.00	44.04 1.72 0.00	38.17 1.32 0.00
COBBLENY_34_KV_TB1 80064	31.64 -0.82 0.00	28.32 -0.75 0.00	28.09 -0.63 0.00	28.08 -0.62 0.00	28.10 -0.77 0.00	30.73 -0.86 0.00	31.18 -1.02 0.00	36.99 -1.59 0.00	35.89 -1.19 0.00	36.63 -0.87 0.00	34.27 -0.63 0.00	45.56 -1.11 0.00	44.66 -1.19 0.00	46.36 -1.74 0.00	43.32 -2.31 0.00	36.91 -2.18 0.00	46.44 -3.12 0.00	68.44 -5.83 0.00	61.38 -5.35 0.00	64.01 -5.32 0.00	61.48 -4.79 0.00	50.15 -3.59 0.00	39.64 -2.68 0.00	35.10 -1.75 0.00
COFFEEN___115KV_TB3 355620	32.18 -0.28 0.00	29.04 -0.04 0.00	28.68 -0.05 0.00	28.74 0.04 0.00	28.93 0.06 0.00	31.70 0.11 0.00	32.31 0.11 0.00	38.88 0.30 0.00	37.49 0.41 0.00	38.19 0.68 0.00	35.42 0.51 0.00	46.99 0.31 0.00	46.02 0.18 0.00	48.18 0.08 0.00	45.40 -0.23 0.00	38.75 -0.35 0.00	49.24 -0.31 0.00	73.99 -0.28 0.00	67.23 0.51 0.00	70.12 0.80 0.00	67.44 1.17 0.00	54.50 0.77 0.00	42.77 0.45 0.00	37.11 0.26 0.00
COLDSPRG_115KV_BK1 355956	32.61 0.15 0.00	29.16 0.09 0.00	28.94 0.22 0.00	28.94 0.24 0.00	28.94 0.07 0.00	31.68 0.08 0.00	32.14 -0.05 0.00	38.17 -0.41 0.00	36.96 -0.12 0.00	37.75 0.24 0.00	35.39 0.49 0.00	47.09 0.42 0.00	46.12 0.28 0.00	47.79 -0.30 0.00	44.74 -0.89 0.00	38.23 -0.87 0.00	48.15 -1.40 0.00	71.27 -3.00 0.00	63.75 -2.98 0.00	66.56 -2.77 0.00	63.58 -2.69 0.00	51.31 -2.43 0.00	40.57 -1.75 0.00	35.91 -0.94 0.00
COLONIE_LFGE___ 323577	33.58 1.13 0.00	30.03 0.96 0.00	29.61 0.88 0.00	29.58 0.89 0.00	29.75 0.87 0.00	32.55 0.96 0.00	32.97 0.78 0.00	39.39 0.81 0.00	37.74 0.66 0.00	38.04 0.53 0.00	35.29 0.38 0.00	47.31 0.64 0.00	46.44 0.60 0.00	49.03 0.94 0.00	46.57 0.93 0.00	39.85 0.75 0.00	50.74 1.18 0.00	76.22 1.96 0.00	68.54 1.81 0.00	70.98 1.66 0.00	67.93 1.66 0.00	54.92 1.19 0.00	43.26 0.94 0.00	37.64 0.79 0.00
COOPERNY_115KV_TB1 80082	34.06 1.61 0.00	30.41 1.34 0.00	29.96 1.23 0.00	29.96 1.26 0.00	30.23 1.35 0.00	32.96 1.37 0.00	33.49 1.29 0.00	39.99 1.41 0.00	38.40 1.32 0.00	38.79 1.28 0.00	36.15 1.24 0.00	48.37 1.70 0.00	47.68 1.83 0.00	50.21 2.11 0.00	47.84 2.21 0.00	40.93 1.83 0.00	51.92 2.37 0.00	78.21 3.94 0.00	70.25 3.52 0.00	72.86 3.53 0.00	69.42 3.15 0.00	55.95 2.21 0.00	43.95 1.63 0.00	38.16 1.31 0.00
COPENHAGEN_WT_PWR 323753	31.93 -0.52 0.00	28.88 -0.19 0.00	28.53 -0.20 0.00	28.61 -0.09 0.00	28.79 -0.08 0.00	31.54 -0.05 0.00	32.12 -0.07 0.00	38.62 0.04 0.00	37.23 0.15 0.00	37.88 0.38 0.00	35.16 0.25 0.00	46.73 0.05 0.00	45.79 -0.05 0.00	47.93 -0.17 0.00	45.21 -0.42 0.00	38.60 -0.49 0.00	49.01 -0.55 0.00	73.68 -0.59 0.00	66.77 0.04 0.00	69.61 0.28 0.00	66.89 0.62 0.00	54.09 0.35 0.00	42.47 0.15 0.00	36.87 0.02 0.00
CORNELL_____ 23752	32.89 0.43 0.00	29.46 0.39 0.00	29.11 0.38 0.00	29.09 0.39 0.00	29.22 0.35 0.00	31.96 0.37 0.00	32.45 0.25 0.00	38.74 0.17 0.00	37.37 0.29 0.00	37.95 0.44 0.00	35.36 0.45 0.00	47.19 0.51 0.00	46.27 0.43 0.00	48.30 0.20 0.00	45.73 0.10 0.00	39.18 0.08 0.00	49.72 0.17 0.00	74.55 0.29 0.00	66.95 0.22 0.00	69.65 0.33 0.00	66.58 0.31 0.00	53.90 0.17 0.00	42.40 0.08 0.00	36.98 0.13 0.00

CORONA_69_KV_TB1 355595	35.28 2.78 -0.05	31.30 2.23 0.00	30.74 2.01 0.00	30.68 1.98 0.00	30.88 2.00 0.00	33.64 2.05 0.00	34.10 1.91 0.00	40.48 1.90 0.00	38.88 1.81 0.00	47.04 1.79 -7.75	79.03 1.98 -42.15	122.85 2.62 -73.56	71.28 2.68 -22.75	104.16 2.79 -53.28	107.42 2.90 -58.88	76.15 2.63 -34.42	81.23 3.11 -28.57	126.41 5.34 -46.80	93.30 4.59 -21.98	112.46 4.83 -38.30	105.43 4.39 -34.77	114.66 3.25 -57.68	44.52 2.20 0.00	38.72 1.87 0.00
CORTLAND_115KV_TB3 80093	32.65 0.20 0.00	29.25 0.18 0.00	28.91 0.18 0.00	28.89 0.19 0.00	29.03 0.15 0.00	31.75 0.16 0.00	32.22 0.03 0.00	38.46 -0.11 0.00	37.09 0.01 0.00	37.60 0.10 0.00	35.04 0.13 0.00	46.79 0.11 0.00	45.90 0.05 0.00	48.03 -0.06 0.00	45.43 -0.20 0.00	38.93 -0.17 0.00	49.41 -0.14 0.00	73.95 -0.31 0.00	66.42 -0.31 0.00	69.07 -0.25 0.00	65.98 -0.29 0.00	53.42 -0.31 0.00	42.04 -0.28 0.00	36.67 -0.18 0.00
COXSACKIE___GT 23611	34.09 1.64 0.00	30.49 1.42 0.00	30.06 1.33 0.00	30.01 1.31 0.00	30.18 1.30 0.00	33.03 1.43 0.00	33.47 1.28 0.00	40.17 1.60 0.00	38.30 1.22 0.00	39.02 1.52 0.00	35.82 0.92 0.00	47.75 1.07 0.00	47.31 1.46 0.00	50.45 2.36 0.00	47.84 2.21 0.00	41.07 1.97 0.00	51.66 2.11 0.00	78.03 3.76 0.00	70.47 3.75 0.00	73.02 3.69 0.00	69.60 3.32 0.00	56.25 2.52 0.00	44.20 1.88 0.00	38.27 1.42 0.00
CPV_VALLEY___CC1 323721	34.16 1.71 0.00	30.49 1.42 0.00	30.04 1.31 0.00	30.05 1.35 0.00	30.32 1.45 0.00	33.07 1.47 0.00	33.57 1.38 0.00	40.08 1.50 0.00	38.47 1.39 0.00	38.86 1.36 0.00	36.23 1.33 0.00	48.47 1.79 0.00	47.79 1.95 0.00	50.34 2.25 0.00	48.01 2.38 0.00	41.10 2.00 0.00	52.12 2.56 0.00	78.53 4.26 0.00	70.52 3.79 0.00	73.11 3.78 0.00	69.62 3.35 0.00	56.08 2.35 0.00	44.06 1.74 0.00	38.26 1.41 0.00
CPV_VALLEY___CC2 323722	34.16 1.71 0.00	30.49 1.42 0.00	30.04 1.31 0.00	30.05 1.35 0.00	30.32 1.45 0.00	33.07 1.47 0.00	33.57 1.38 0.00	40.08 1.50 0.00	38.47 1.39 0.00	38.86 1.36 0.00	36.23 1.33 0.00	48.47 1.79 0.00	47.79 1.95 0.00	50.34 2.25 0.00	48.01 2.38 0.00	41.10 2.00 0.00	52.12 2.56 0.00	78.53 4.26 0.00	70.52 3.79 0.00	73.11 3.78 0.00	69.62 3.35 0.00	56.08 2.35 0.00	44.06 1.74 0.00	38.26 1.41 0.00
CRESCENT___HYD 24018	33.58 1.13 0.00	30.03 0.96 0.00	29.61 0.88 0.00	29.58 0.89 0.00	29.75 0.87 0.00	32.55 0.96 0.00	32.97 0.78 0.00	39.39 0.81 0.00	37.74 0.66 0.00	38.04 0.53 0.00	35.29 0.38 0.00	47.31 0.64 0.00	46.44 0.60 0.00	49.03 0.94 0.00	46.57 0.93 0.00	39.85 0.75 0.00	50.74 1.18 0.00	76.22 1.96 0.00	68.54 1.81 0.00	70.98 1.66 0.00	67.93 1.66 0.00	54.92 1.19 0.00	43.26 0.94 0.00	37.64 0.79 0.00
CRICKET___VALLEY_CC1 323756	34.18 1.73 0.00	30.50 1.43 0.00	30.08 1.35 0.00	30.05 1.35 0.00	30.23 1.36 0.00	32.99 1.40 0.00	33.43 1.24 0.00	39.91 1.33 0.00	38.26 1.18 0.00	38.55 1.04 0.00	35.84 0.93 0.00	47.99 1.32 0.00	47.22 1.38 0.00	49.80 1.70 0.00	47.47 1.84 0.00	40.74 1.64 0.00	51.85 2.29 0.00	78.25 3.99 0.00	70.27 3.54 0.00	72.73 3.41 0.00	69.36 3.09 0.00	55.98 2.25 0.00	43.99 1.67 0.00	38.16 1.31 0.00
CRICKET___VALLEY_CC2 323757	34.18 1.73 0.00	30.50 1.43 0.00	30.08 1.35 0.00	30.05 1.35 0.00	30.23 1.36 0.00	32.99 1.40 0.00	33.43 1.24 0.00	39.91 1.33 0.00	38.26 1.18 0.00	38.55 1.04 0.00	35.84 0.93 0.00	47.99 1.32 0.00	47.22 1.38 0.00	49.80 1.70 0.00	47.47 1.84 0.00	40.74 1.64 0.00	51.85 2.29 0.00	78.25 3.99 0.00	70.27 3.54 0.00	72.73 3.41 0.00	69.36 3.09 0.00	55.98 2.25 0.00	43.99 1.67 0.00	38.16 1.31 0.00
CRICKET___VALLEY_CC3 323758	34.18 1.73 0.00	30.50 1.43 0.00	30.08 1.35 0.00	30.05 1.35 0.00	30.23 1.36 0.00	32.99 1.40 0.00	33.43 1.24 0.00	39.91 1.33 0.00	38.26 1.18 0.00	38.55 1.04 0.00	35.84 0.93 0.00	47.99 1.32 0.00	47.22 1.38 0.00	49.80 1.70 0.00	47.47 1.84 0.00	40.74 1.64 0.00	51.85 2.29 0.00	78.25 3.99 0.00	70.27 3.54 0.00	72.73 3.41 0.00	69.36 3.09 0.00	55.98 2.25 0.00	43.99 1.67 0.00	38.16 1.31 0.00
CRUCIBLE_METL_DRP 24180	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.37 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.44 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.26 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.86 0.00	36.17 -0.68 0.00
DAHOWA___HYDRO 323763	34.13 1.68 0.00	30.49 1.41 0.00	30.05 1.32 0.00	30.01 1.31 0.00	30.19 1.32 0.00	33.07 1.47 0.00	33.65 1.46 0.00	40.16 1.58 0.00	38.50 1.42 0.00	38.97 1.46 0.00	36.12 1.21 0.00	48.53 1.86 0.00	47.60 1.76 0.00	50.00 1.91 0.00	47.43 1.80 0.00	40.27 1.18 0.00	51.03 1.47 0.00	76.60 2.33 0.00	68.86 2.13 0.00	71.34 2.01 0.00	68.24 1.97 0.00	55.16 1.43 0.00	43.45 1.13 0.00	38.16 1.31 0.00
DANC___LFGE 323619	31.87 -0.58 0.00	28.75 -0.32 0.00	28.40 -0.33 0.00	28.44 -0.26 0.00	28.61 -0.27 0.00	31.32 -0.27 0.00	31.83 -0.36 0.00	38.16 -0.42 0.00	36.78 -0.30 0.00	37.39 -0.12 0.00	34.75 -0.16 0.00	46.27 -0.41 0.00	45.35 -0.49 0.00	47.47 -0.62 0.00	44.85 -0.78 0.00	38.34 -0.76 0.00	48.66 -0.89 0.00	72.95 -1.32 0.00	65.93 -0.79 0.00	68.67 -0.66 0.00	65.91 -0.36 0.00	53.28 -0.45 0.00	41.88 -0.44 0.00	36.41 -0.44 0.00
DANSKAMMER___1 23586	34.67 2.22 0.00	30.94 1.87 0.00	30.49 1.76 0.00	30.45 1.75 0.00	30.66 1.79 0.00	33.44 1.84 0.00	33.93 1.74 0.00	40.50 1.92 0.00	38.89 1.81 0.00	39.25 1.75 0.00	36.57 1.67 0.00	48.97 2.30 0.00	48.31 2.47 0.00	50.94 2.84 0.00	48.59 2.96 0.00	41.53 2.43 0.00	52.75 3.19 0.00	79.57 5.31 0.00	71.48 4.75 0.00	74.08 4.75 0.00	70.56 4.29 0.00	56.88 3.15 0.00	44.65 2.33 0.00	38.74 1.89 0.00
DANSKAMMER___2 23589	34.67 2.22 0.00	30.94 1.87 0.00	30.49 1.76 0.00	30.45 1.75 0.00	30.66 1.79 0.00	33.44 1.84 0.00	33.93 1.74 0.00	40.50 1.92 0.00	38.89 1.81 0.00	39.25 1.75 0.00	36.57 1.67 0.00	48.97 2.30 0.00	48.31 2.47 0.00	50.94 2.84 0.00	48.59 2.96 0.00	41.53 2.43 0.00	52.75 3.19 0.00	79.57 5.31 0.00	71.48 4.75 0.00	74.08 4.75 0.00	70.56 4.29 0.00	56.88 3.15 0.00	44.65 2.33 0.00	38.74 1.89 0.00
DANSKAMMER___3 23590	34.67 2.22 0.00	30.94 1.87 0.00	30.49 1.76 0.00	30.45 1.75 0.00	30.66 1.79 0.00	33.44 1.84 0.00	33.93 1.74 0.00	40.50 1.92 0.00	38.89 1.81 0.00	39.25 1.75 0.00	36.57 1.67 0.00	48.97 2.30 0.00	48.31 2.47 0.00	50.94 2.84 0.00	48.59 2.96 0.00	41.53 2.43 0.00	52.75 3.19 0.00	79.57 5.31 0.00	71.48 4.75 0.00	74.08 4.75 0.00	70.56 4.29 0.00	56.88 3.15 0.00	44.65 2.33 0.00	38.74 1.89 0.00

DANSKAMMER___4 23591	34.67 2.22 0.00	30.94 1.87 0.00	30.49 1.76 0.00	30.45 1.75 0.00	30.66 1.79 0.00	33.44 1.84 0.00	33.93 1.74 0.00	40.50 1.92 0.00	38.89 1.81 0.00	39.25 1.75 0.00	36.57 1.67 0.00	48.97 2.30 0.00	48.31 2.47 0.00	50.94 2.84 0.00	48.59 2.96 0.00	41.53 2.43 0.00	52.75 3.19 0.00	79.57 5.31 0.00	71.48 4.75 0.00	74.08 4.75 0.00	70.56 4.29 0.00	56.88 3.15 0.00	44.65 2.33 0.00	38.74 1.89 0.00
DANSKAMMER___DIESEL 23592	34.67 2.22 0.00	30.94 1.87 0.00	30.49 1.76 0.00	30.45 1.75 0.00	30.66 1.79 0.00	33.44 1.84 0.00	33.93 1.74 0.00	40.50 1.92 0.00	38.89 1.81 0.00	39.25 1.75 0.00	36.57 1.67 0.00	48.98 2.30 0.00	48.32 2.47 0.00	50.94 2.84 0.00	48.59 2.96 0.00	41.53 2.43 0.00	52.74 3.19 0.00	79.57 5.31 0.00	71.48 4.75 0.00	74.08 4.75 0.00	70.56 4.29 0.00	56.88 3.15 0.00	44.65 2.33 0.00	38.74 1.89 0.00
DARBY___SOLAR 323810	34.05 1.60 0.00	30.42 1.35 0.00	29.99 1.26 0.00	29.95 1.26 0.00	30.13 1.26 0.00	33.00 1.40 0.00	33.57 1.37 0.00	40.06 1.48 0.00	38.40 1.32 0.00	38.84 1.33 0.00	36.00 1.10 0.00	48.36 1.69 0.00	47.46 1.62 0.00	49.88 1.79 0.00	47.33 1.70 0.00	40.23 1.14 0.00	51.00 1.44 0.00	76.59 2.32 0.00	68.85 2.13 0.00	71.34 2.01 0.00	68.23 1.96 0.00	55.16 1.43 0.00	43.46 1.14 0.00	38.10 1.25 0.00
DASHVILLE___HYD 23610	34.32 1.87 0.00	30.64 1.57 0.00	30.20 1.47 0.00	30.17 1.47 0.00	30.37 1.50 0.00	33.11 1.52 0.00	33.61 1.41 0.00	40.11 1.54 0.00	38.48 1.40 0.00	38.82 1.32 0.00	36.17 1.26 0.00	48.44 1.76 0.00	47.76 1.92 0.00	50.35 2.26 0.00	48.09 2.45 0.00	41.13 2.04 0.00	52.10 2.55 0.00	78.58 4.31 0.00	70.56 3.83 0.00	73.21 3.88 0.00	69.82 3.55 0.00	56.33 2.59 0.00	44.23 1.91 0.00	38.38 1.53 0.00
DELAWARE___LFGE 323621	33.17 0.72 0.00	29.70 0.62 0.00	29.33 0.60 0.00	29.31 0.60 0.00	29.48 0.60 0.00	32.24 0.65 0.00	32.76 0.57 0.00	39.15 0.58 0.00	37.70 0.62 0.00	38.17 0.66 0.00	35.54 0.64 0.00	47.52 0.85 0.00	46.68 0.83 0.00	48.94 0.84 0.00	46.38 0.74 0.00	39.70 0.60 0.00	50.34 0.78 0.00	75.29 1.03 0.00	67.55 0.82 0.00	70.16 0.83 0.00	67.03 0.76 0.00	54.42 0.68 0.00	42.86 0.54 0.00	37.36 0.51 0.00
DERFIELD_115KV_TB7 355931	32.48 0.03 0.00	29.10 0.03 0.00	28.75 0.02 0.00	28.73 0.03 0.00	28.89 0.02 0.00	31.59 0.00 0.00	32.12 -0.07 0.00	38.42 -0.16 0.00	36.93 -0.15 0.00	37.32 -0.18 0.00	34.73 -0.17 0.00	46.46 -0.22 0.00	45.64 -0.21 0.00	47.93 -0.17 0.00	45.48 -0.15 0.00	38.94 -0.15 0.00	49.41 -0.15 0.00	74.04 -0.22 0.00	66.53 -0.20 0.00	69.12 -0.21 0.00	66.05 -0.22 0.00	53.53 -0.20 0.00	42.16 -0.16 0.00	36.71 -0.14 0.00
DOGLEVILLE___HYD 23807	32.19 -0.26 0.00	28.79 -0.28 0.00	28.34 -0.39 0.00	28.31 -0.39 0.00	28.49 -0.38 0.00	31.17 -0.42 0.00	31.39 -0.80 0.00	37.50 -1.08 0.00	36.04 -1.04 0.00	36.31 -1.20 0.00	33.48 -1.43 0.00	45.25 -1.42 0.00	44.44 -1.41 0.00	46.74 -1.36 0.00	44.50 -1.13 0.00	37.91 -1.19 0.00	48.27 -1.29 0.00	73.21 -1.05 0.00	65.92 -0.80 0.00	68.55 -0.78 0.00	65.40 -0.87 0.00	52.83 -0.90 0.00	41.50 -0.82 0.00	35.98 -0.87 0.00
DUNKIRK__115KV_TB_200 55889	32.03 -0.42 0.00	28.63 -0.44 0.00	28.42 -0.31 0.00	28.41 -0.29 0.00	28.37 -0.51 0.00	31.03 -0.56 0.00	31.45 -0.75 0.00	37.35 -1.23 0.00	36.15 -0.93 0.00	36.91 -0.59 0.00	34.61 -0.30 0.00	46.06 -0.62 0.00	45.21 -0.64 0.00	46.92 -1.18 0.00	43.91 -1.73 0.00	37.52 -1.58 0.00	47.23 -2.32 0.00	69.69 -4.57 0.00	62.36 -4.37 0.00	65.20 -4.12 0.00	62.23 -4.04 0.00	50.32 -3.42 0.00	39.86 -2.46 0.00	35.30 -1.55 0.00
DUNKIRK___1 23563	32.03 -0.42 0.00	28.63 -0.44 0.00	28.42 -0.31 0.00	28.41 -0.29 0.00	28.37 -0.51 0.00	31.03 -0.56 0.00	31.45 -0.75 0.00	37.35 -1.23 0.00	36.15 -0.93 0.00	36.91 -0.59 0.00	34.61 -0.30 0.00	46.06 -0.62 0.00	45.21 -0.64 0.00	46.92 -1.18 0.00	43.91 -1.73 0.00	37.52 -1.58 0.00	47.23 -2.32 0.00	69.69 -4.57 0.00	62.36 -4.37 0.00	65.20 -4.12 0.00	62.23 -4.04 0.00	50.32 -3.42 0.00	39.86 -2.46 0.00	35.30 -1.55 0.00
DUNKIRK___2 23564	32.03 -0.42 0.00	28.63 -0.44 0.00	28.42 -0.31 0.00	28.41 -0.29 0.00	28.37 -0.51 0.00	31.03 -0.56 0.00	31.45 -0.75 0.00	37.35 -1.23 0.00	36.15 -0.93 0.00	36.91 -0.59 0.00	34.61 -0.30 0.00	46.06 -0.62 0.00	45.21 -0.64 0.00	46.92 -1.18 0.00	43.91 -1.73 0.00	37.52 -1.58 0.00	47.23 -2.32 0.00	69.69 -4.57 0.00	62.36 -4.37 0.00	65.20 -4.12 0.00	62.23 -4.04 0.00	50.32 -3.42 0.00	39.86 -2.46 0.00	35.30 -1.55 0.00
DUNKIRK___3 23565	31.85 -0.59 0.00	28.49 -0.58 0.00	28.27 -0.46 0.00	28.27 -0.43 0.00	28.26 -0.62 0.00	30.90 -0.69 0.00	31.33 -0.87 0.00	37.19 -1.39 0.00	36.00 -1.08 0.00	36.75 -0.75 0.00	34.43 -0.48 0.00	45.80 -0.88 0.00	44.94 -0.90 0.00	46.64 -1.46 0.00	43.64 -1.99 0.00	37.26 -1.83 0.00	46.91 -2.65 0.00	69.19 -5.08 0.00	61.94 -4.79 0.00	64.72 -4.61 0.00	61.86 -4.41 0.00	50.15 -3.58 0.00	39.71 -2.61 0.00	35.17 -1.69 0.00
DUNKIRK___4 23566	31.85 -0.59 0.00	28.49 -0.58 0.00	28.27 -0.46 0.00	28.27 -0.43 0.00	28.26 -0.62 0.00	30.90 -0.69 0.00	31.33 -0.87 0.00	37.19 -1.39 0.00	36.00 -1.08 0.00	36.75 -0.75 0.00	34.43 -0.48 0.00	45.80 -0.88 0.00	44.94 -0.90 0.00	46.64 -1.46 0.00	43.64 -1.99 0.00	37.26 -1.83 0.00	46.91 -2.65 0.00	69.19 -5.08 0.00	61.94 -4.79 0.00	64.72 -4.61 0.00	61.86 -4.41 0.00	50.15 -3.58 0.00	39.71 -2.61 0.00	35.17 -1.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.82 2.37 0.00	31.06 1.99 0.00	30.53 1.80 0.00	30.46 1.76 0.00	30.66 1.78 0.00	33.39 1.80 0.00	33.90 1.71 0.00	40.44 1.87 0.00	38.84 1.77 0.00	39.26 1.75 0.00	36.62 1.71 0.00	49.01 2.33 0.00	48.32 2.48 0.00	50.87 2.78 0.00	48.54 2.90 0.00	41.61 2.51 0.00	52.71 3.16 0.00	79.51 5.25 0.00	71.36 4.63 0.00	73.93 4.60 0.00	70.34 4.07 0.00	56.65 2.91 0.00	44.49 2.16 0.00	38.63 1.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.51 2.06 0.00	30.79 1.72 0.00	30.33 1.60 0.00	30.30 1.61 0.00	30.53 1.66 0.00	33.30 1.70 0.00	33.79 1.60 0.00	40.33 1.76 0.00	38.71 1.63 0.00	39.08 1.58 0.00	36.42 1.51 0.00	48.75 2.07 0.00	48.10 2.25 0.00	50.70 2.61 0.00	48.41 2.78 0.00	41.35 2.25 0.00	52.48 2.92 0.00	79.17 4.91 0.00	71.11 4.38 0.00	73.72 4.40 0.00	70.21 3.95 0.00	56.56 2.83 0.00	44.41 2.09 0.00	38.55 1.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.83 2.38 0.00	31.12 2.05 0.00	30.51 1.78 0.00	30.58 1.88 0.00	30.76 1.88 0.00	33.50 1.90 0.00	34.04 1.85 0.00	40.60 2.03 0.00	38.99 1.91 0.00	39.41 1.90 0.00	36.73 1.83 0.00	49.10 2.42 0.00	48.35 2.51 0.00	50.89 2.80 0.00	48.60 2.97 0.00	41.63 2.53 0.00	52.66 3.11 0.00	79.58 5.31 0.00	71.35 4.62 0.00	73.94 4.62 0.00	70.30 4.04 0.00	56.60 2.86 0.00	44.44 2.12 0.00	38.58 1.73 0.00

E179THST_13_KV_LOAD 356214	34.97 2.52 0.00	31.24 2.16 0.00	30.62 1.89 0.00	30.69 1.99 0.00	30.87 2.00 0.00	33.62 2.03 0.00	34.17 1.98 0.00	40.78 2.20 0.00	39.15 2.07 0.00	39.57 2.06 0.00	36.90 2.00 0.00	49.32 2.65 0.00	48.59 2.74 0.00	51.14 3.05 0.00	48.84 3.21 0.00	41.83 2.74 0.00	52.93 3.38 0.00	79.97 5.71 0.00	71.67 4.95 0.00	74.30 4.97 0.00	70.64 4.37 0.00	56.87 3.13 0.00	44.65 2.32 0.00	38.75 1.90 0.00
EAST HAMPTON___GT 23717	35.86 3.41 0.00	30.68 1.61 0.00	30.15 1.42 0.00	29.95 1.25 0.00	30.16 1.29 0.00	32.85 1.25 0.00	33.38 1.19 0.00	39.75 1.18 0.00	37.88 0.80 0.00	37.41 0.51 0.61	32.23 0.64 3.32	42.05 0.65 5.27	45.02 0.97 1.79	44.82 0.92 4.20	41.81 0.81 4.64	37.41 1.03 2.71	48.44 1.14 2.25	73.72 3.14 3.69	67.86 2.87 1.73	70.29 3.98 3.02	67.81 4.28 2.74	52.91 3.72 4.55	44.60 2.28 0.00	38.57 1.71 0.00
EAST RIVER___6 23660	35.01 2.56 0.00	31.23 2.16 0.00	30.71 1.99 0.00	30.68 1.98 0.00	30.86 1.99 0.00	33.60 2.01 0.00	34.15 1.96 0.00	40.75 2.17 0.00	39.18 2.10 0.00	39.63 2.12 0.00	36.97 2.07 0.00	49.44 2.76 0.00	48.76 2.91 0.00	51.35 3.25 0.00	48.99 3.35 0.00	42.01 2.91 0.00	53.13 3.58 0.00	80.17 5.91 0.00	71.93 5.21 0.00	74.49 5.16 0.00	70.83 4.57 0.00	56.98 3.25 0.00	44.74 2.42 0.00	38.84 1.99 0.00
EAST RIVER___7 23524	35.01 2.56 0.00	31.23 2.16 0.00	30.71 1.99 0.00	30.68 1.98 0.00	30.86 1.99 0.00	33.60 2.01 0.00	34.15 1.96 0.00	40.75 2.17 0.00	39.18 2.10 0.00	39.63 2.12 0.00	36.97 2.07 0.00	49.44 2.76 0.00	48.76 2.91 0.00	51.35 3.25 0.00	48.99 3.35 0.00	42.01 2.91 0.00	53.13 3.58 0.00	80.17 5.91 0.00	71.93 5.21 0.00	74.49 5.16 0.00	70.83 4.57 0.00	56.98 3.25 0.00	44.74 2.42 0.00	38.84 1.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.69 2.24 0.00	30.96 1.89 0.00	30.45 1.72 0.00	30.40 1.70 0.00	30.60 1.73 0.00	33.34 1.75 0.00	33.84 1.65 0.00	40.38 1.80 0.00	38.79 1.71 0.00	39.20 1.70 0.00	36.55 1.64 0.00	48.90 2.23 0.00	48.21 2.36 0.00	50.76 2.66 0.00	48.43 2.79 0.00	41.51 2.41 0.00	52.61 3.05 0.00	79.32 5.05 0.00	71.21 4.48 0.00	73.76 4.43 0.00	70.20 3.94 0.00	56.53 2.80 0.00	44.40 2.08 0.00	38.56 1.70 0.00
EAST_HAMPTON___DIESEL 23722	35.83 3.38 0.00	30.58 1.51 0.00	30.06 1.33 0.00	29.86 1.16 0.00	30.06 1.19 0.00	32.74 1.15 0.00	33.28 1.09 0.00	39.65 1.07 0.00	37.77 0.69 0.00	37.29 0.40 0.61	32.12 0.53 3.32	41.89 0.48 5.27	44.88 0.82 1.79	44.67 0.77 4.20	41.66 0.67 4.64	37.29 0.91 2.71	48.28 0.98 2.25	73.48 2.90 3.69	67.66 3.80 1.73	70.11 3.80 3.02	67.68 4.15 2.74	52.82 3.63 4.55	44.52 2.20 0.00	38.50 1.65 0.00
EAST_POINT___SOLAR 323840	34.73 2.28 0.00	31.06 1.99 0.00	30.68 1.96 0.00	30.66 1.95 0.00	30.82 1.95 0.00	33.73 2.14 0.00	34.38 2.19 0.00	41.20 2.62 0.00	39.52 2.44 0.00	39.93 2.42 0.00	37.00 2.09 0.00	49.92 3.25 0.00	48.99 3.15 0.00	51.07 2.98 0.00	48.52 2.89 0.00	41.30 2.20 0.00	52.25 2.69 0.00	79.25 4.99 0.00	71.34 4.61 0.00	74.44 5.12 0.00	71.23 4.97 0.00	57.75 4.02 0.00	45.36 3.04 0.00	39.39 2.54 0.00
EAST_PULASKI___ESR 323781	31.85 -0.60 0.00	28.64 -0.44 0.00	28.30 -0.43 0.00	28.30 -0.40 0.00	28.46 -0.41 0.00	31.14 -0.45 0.00	31.59 -0.60 0.00	37.74 -0.83 0.00	36.40 -0.68 0.00	36.95 -0.56 0.00	34.37 -0.54 0.00	45.86 -0.82 0.00	44.94 -0.90 0.00	47.05 -1.05 0.00	44.53 -1.10 0.00	38.12 -0.98 0.00	48.34 -1.21 0.00	72.34 -1.92 0.00	65.19 -1.53 0.00	67.81 -1.52 0.00	64.99 -1.27 0.00	52.56 -1.17 0.00	41.33 -0.99 0.00	36.01 -0.85 0.00
EAST_RIVER___1 323558	34.94 2.49 0.00	31.18 2.10 0.00	30.66 1.93 0.00	30.63 1.93 0.00	30.81 1.94 0.00	33.54 1.95 0.00	34.07 1.88 0.00	40.66 2.08 0.00	39.09 2.02 0.00	39.53 2.02 0.00	36.87 1.97 0.00	49.30 2.63 0.00	48.61 2.77 0.00	51.17 3.08 0.00	48.83 3.20 0.00	41.86 2.76 0.00	52.97 3.42 0.00	79.94 5.67 0.00	71.73 5.00 0.00	74.28 4.96 0.00	70.63 4.37 0.00	56.84 3.11 0.00	44.63 2.31 0.00	38.76 1.91 0.00
EAST_RIVER___2 323559	35.01 2.56 0.00	31.23 2.16 0.00	30.71 1.99 0.00	30.68 1.98 0.00	30.86 1.99 0.00	33.60 2.01 0.00	34.15 1.96 0.00	40.75 2.17 0.00	39.18 2.10 0.00	39.63 2.12 0.00	36.97 2.07 0.00	49.44 2.76 0.00	48.76 2.91 0.00	51.35 3.25 0.00	48.99 3.35 0.00	42.01 2.91 0.00	53.13 3.58 0.00	80.17 5.91 0.00	71.93 5.21 0.00	74.49 5.16 0.00	70.83 4.57 0.00	56.98 3.25 0.00	44.74 2.42 0.00	38.84 1.99 0.00
EAST___DELAWARE_HYD 23607	34.82 2.37 0.00	31.05 1.98 0.00	30.57 1.84 0.00	30.56 1.86 0.00	30.82 1.94 0.00	33.61 2.01 0.00	34.12 1.93 0.00	40.70 2.12 0.00	39.08 2.00 0.00	39.39 1.88 0.00	36.65 1.75 0.00	49.12 2.45 0.00	48.56 2.71 0.00	51.25 3.15 0.00	48.95 3.32 0.00	41.57 2.47 0.00	52.80 3.24 0.00	79.81 5.55 0.00	71.82 5.09 0.00	74.57 5.24 0.00	71.08 4.81 0.00	57.27 3.54 0.00	44.93 2.61 0.00	38.97 2.11 0.00
EIGHT_POINT___WT_PWR 323820	32.25 -0.20 0.00	28.90 -0.17 0.00	28.80 0.07 0.00	28.82 0.12 0.00	28.69 -0.19 0.00	31.47 -0.12 0.00	31.76 -0.43 0.00	37.98 -0.59 0.00	36.86 -0.21 0.00	37.53 0.02 0.00	35.06 0.15 0.00	46.55 -0.13 0.00	45.57 -0.27 0.00	47.30 -0.79 0.00	44.21 -1.42 0.00	37.95 -1.14 0.00	48.05 -1.50 0.00	71.35 -2.91 0.00	63.81 -2.92 0.00	66.88 -2.45 0.00	64.15 -2.12 0.00	52.01 -1.72 0.00	40.93 -1.39 0.00	35.91 -0.94 0.00
ELBRIDGE_115KV_TB2 80188	32.03 -0.42 0.00	28.74 -0.33 0.00	28.40 -0.33 0.00	28.39 -0.31 0.00	28.53 -0.35 0.00	31.20 -0.39 0.00	31.66 -0.53 0.00	37.73 -0.85 0.00	36.36 -0.72 0.00	36.84 -0.67 0.00	34.31 -0.59 0.00	45.83 -0.84 0.00	44.97 -0.88 0.00	47.09 -1.00 0.00	44.64 -1.00 0.00	38.16 -0.93 0.00	48.40 -1.15 0.00	72.41 -1.85 0.00	64.98 -1.75 0.00	67.57 -1.76 0.00	64.61 -1.67 0.00	52.38 -1.36 0.00	41.25 -1.07 0.00	36.00 -0.85 0.00
ELEC_TRO_TEK 24086	35.09 2.61 -0.02	31.14 2.07 0.00	30.59 1.86 0.00	30.53 1.83 0.00	30.73 1.85 0.00	33.48 1.88 0.00	33.93 1.74 0.00	40.31 1.73 0.00	38.72 1.64 0.00	42.06 1.61 -2.93	52.66 1.79 -15.96	77.39 2.36 -28.35	56.89 2.43 -8.61	70.83 2.56 -20.17	70.61 2.68 -22.29	54.55 2.42 -13.03	63.23 2.86 -10.82	96.93 4.95 -17.72	79.30 4.25 -8.32	88.29 4.47 -14.50	83.46 4.03 -13.17	78.53 2.96 -21.84	44.29 1.97 0.00	38.50 1.65 0.00
ELLENBURG_WT_PWR 323604	31.92 -0.53 0.00	28.76 -0.32 0.00	28.50 -0.22 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.59 0.00 0.00	32.50 0.31 0.00	39.32 0.74 0.00	37.78 0.70 0.00	38.24 0.73 0.00	35.67 0.76 0.00	47.71 1.04 0.00	46.78 0.93 0.00	48.80 0.71 0.00	46.24 0.61 0.00	39.72 0.62 0.00	50.28 0.72 0.00	75.40 1.13 0.00	67.75 1.03 0.00	70.54 1.21 0.00	67.52 1.25 0.00	55.07 1.34 0.00	43.54 1.22 0.00	37.82 0.97 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.40 -1.05 0.00	28.13 -0.94 0.00	27.90 -0.82 0.00	27.90 -0.81 0.00	27.91 -0.96 0.00	30.52 -1.07 0.00	30.97 -1.22 0.00	36.71 -1.87 0.00	35.58 -1.50 0.00	36.30 -1.21 0.00	33.95 -0.96 0.00	45.13 -1.54 0.00	44.25 -1.60 0.00	45.91 -2.19 0.00	42.89 -2.75 0.00	36.52 -2.58 0.00	45.91 -3.64 0.00	67.59 -6.67 0.00	60.64 -6.09 0.00	63.25 -6.08 0.00	60.80 -5.47 0.00	49.64 -4.09 0.00	39.30 -3.03 0.00	34.84 -2.01 0.00
EMPIRE_CC_1 323656	33.53 1.07 0.00	30.00 0.92 0.00	29.59 0.86 0.00	29.57 0.87 0.00	29.74 0.86 0.00	32.52 0.93 0.00	32.90 0.71 0.00	39.28 0.70 0.00	37.64 0.56 0.00	37.89 0.39 0.00	35.16 0.25 0.00	47.11 0.44 0.00	46.26 0.42 0.00	48.87 0.78 0.00	46.46 0.82 0.00	39.83 0.74 0.00	50.73 1.18 0.00	76.25 1.99 0.00	68.57 1.85 0.00	70.98 1.65 0.00	67.91 1.64 0.00	54.91 1.17 0.00	43.25 0.93 0.00	37.54 0.69 0.00
EMPIRE_CC_2 323658	33.53 1.07 0.00	30.00 0.92 0.00	29.59 0.86 0.00	29.57 0.87 0.00	29.74 0.86 0.00	32.52 0.93 0.00	32.90 0.71 0.00	39.28 0.70 0.00	37.64 0.56 0.00	37.89 0.39 0.00	35.16 0.25 0.00	47.11 0.44 0.00	46.26 0.42 0.00	48.87 0.78 0.00	46.46 0.82 0.00	39.83 0.74 0.00	50.73 1.18 0.00	76.25 1.99 0.00	68.57 1.85 0.00	70.98 1.65 0.00	67.91 1.64 0.00	54.91 1.17 0.00	43.25 0.93 0.00	37.54 0.69 0.00
ENORWICH_115KV_TB1 80156	34.26 1.81 0.00	30.72 1.65 0.00	30.28 1.55 0.00	30.30 1.60 0.00	30.51 1.64 0.00	33.45 1.85 0.00	33.95 1.76 0.00	40.57 1.99 0.00	39.29 2.21 0.00	39.91 2.40 0.00	37.13 2.23 0.00	49.52 2.85 0.00	48.40 2.56 0.00	50.49 2.39 0.00	47.82 2.19 0.00	40.88 1.79 0.00	52.02 2.46 0.00	78.45 4.19 0.00	70.44 3.71 0.00	73.42 4.09 0.00	70.17 3.90 0.00	56.68 2.95 0.00	44.49 2.17 0.00	38.75 1.90 0.00
ERIE_ST__34_KV_TB1-2 80199	31.62 -0.84 0.00	28.31 -0.77 0.00	28.07 -0.66 0.00	28.06 -0.64 0.00	28.09 -0.79 0.00	30.72 -0.87 0.00	31.18 -1.02 0.00	36.99 -1.59 0.00	35.87 -1.21 0.00	36.59 -0.92 0.00	34.24 -0.67 0.00	45.52 -1.15 0.00	44.62 -1.22 0.00	46.30 -1.80 0.00	43.27 -2.36 0.00	36.85 -2.25 0.00	46.40 -3.16 0.00	68.40 -5.86 0.00	61.31 -5.41 0.00	63.95 -5.38 0.00	61.42 -4.85 0.00	50.09 -3.64 0.00	39.62 -2.70 0.00	35.10 -1.76 0.00
ERIE_WT_PWR 323693	31.54 -0.91 0.00	28.23 -0.84 0.00	28.01 -0.71 0.00	28.01 -0.69 0.00	28.01 -0.86 0.00	30.64 -0.95 0.00	31.10 -1.09 0.00	36.87 -1.71 0.00	35.73 -1.35 0.00	36.46 -1.05 0.00	34.08 -0.82 0.00	45.36 -1.31 0.00	44.47 -1.37 0.00	46.12 -1.97 0.00	43.10 -2.53 0.00	36.73 -2.37 0.00	46.17 -3.38 0.00	67.99 -6.27 0.00	61.04 -5.69 0.00	63.65 -5.68 0.00	61.16 -5.11 0.00	49.88 -3.85 0.00	39.45 -2.87 0.00	34.96 -1.89 0.00
ESPRGFLD_115KV_TB1 80157	34.02 1.57 0.00	30.45 1.38 0.00	30.11 1.38 0.00	30.09 1.39 0.00	30.26 1.39 0.00	33.12 1.53 0.00	33.87 1.68 0.00	40.51 1.93 0.00	39.06 1.98 0.00	39.62 2.11 0.00	36.90 1.99 0.00	49.48 2.80 0.00	48.51 2.66 0.00	50.54 2.44 0.00	47.87 2.23 0.00	40.89 1.79 0.00	51.66 2.11 0.00	77.63 3.37 0.00	69.71 2.98 0.00	72.52 3.19 0.00	69.38 3.11 0.00	56.34 2.61 0.00	44.34 2.02 0.00	38.63 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.82 0.37 0.00	29.40 0.33 0.00	29.05 0.32 0.00	29.03 0.33 0.00	29.17 0.30 0.00	31.91 0.32 0.00	32.39 0.19 0.00	38.67 0.09 0.00	37.30 0.22 0.00	37.86 0.35 0.00	35.28 0.37 0.00	47.07 0.39 0.00	46.15 0.30 0.00	48.21 0.11 0.00	45.65 0.01 0.00	39.10 0.00 0.00	49.62 0.07 0.00	74.38 0.11 0.00	66.77 0.04 0.00	69.47 0.15 0.00	66.41 0.14 0.00	53.77 0.03 0.00	42.30 -0.02 0.00	36.89 0.04 0.00
ETNA____115KV_TB2 80207	32.82 0.37 0.00	29.40 0.33 0.00	29.05 0.32 0.00	29.03 0.33 0.00	29.17 0.30 0.00	31.91 0.32 0.00	32.39 0.19 0.00	38.67 0.09 0.00	37.30 0.22 0.00	37.86 0.35 0.00	35.28 0.37 0.00	47.07 0.39 0.00	46.15 0.30 0.00	48.21 0.11 0.00	45.65 0.01 0.00	39.10 0.00 0.00	49.62 0.07 0.00	74.38 0.11 0.00	66.77 0.04 0.00	69.47 0.15 0.00	66.41 0.14 0.00	53.77 0.03 0.00	42.30 -0.02 0.00	36.89 0.04 0.00
EUCLID___115KV_TB2 356179	32.01 -0.44 0.00	28.72 -0.35 0.00	28.38 -0.35 0.00	28.36 -0.34 0.00	28.50 -0.37 0.00	31.18 -0.41 0.00	31.62 -0.57 0.00	37.69 -0.89 0.00	36.32 -0.75 0.00	36.80 -0.71 0.00	34.29 -0.62 0.00	45.80 -0.87 0.00	44.94 -0.91 0.00	47.07 -1.02 0.00	44.56 -1.08 0.00	38.14 -0.95 0.00	48.39 -1.17 0.00	72.32 -1.95 0.00	64.99 -1.74 0.00	67.55 -1.77 0.00	64.57 -1.69 0.00	52.13 -1.61 0.00	41.04 -1.28 0.00	35.81 -1.04 0.00
E_CANADA_CAP_HY 24051	34.55 2.10 0.00	30.91 1.84 0.00	30.57 1.85 0.00	30.56 1.86 0.00	30.72 1.85 0.00	33.62 2.02 0.00	34.40 2.21 0.00	41.13 2.55 0.00	39.58 2.51 0.00	40.06 2.55 0.00	37.15 2.24 0.00	50.06 3.38 0.00	49.07 3.22 0.00	51.09 2.99 0.00	48.52 2.89 0.00	41.37 2.27 0.00	52.18 2.62 0.00	78.89 4.63 0.00	70.94 4.21 0.00	73.86 4.53 0.00	70.67 4.40 0.00	57.37 3.63 0.00	45.12 2.80 0.00	39.28 2.42 0.00
E_CANADA_MHWK_HY 24050	32.19 -0.26 0.00	28.79 -0.28 0.00	28.34 -0.39 0.00	28.31 -0.39 0.00	28.49 -0.38 0.00	31.17 -0.42 0.00	31.39 -0.80 0.00	37.49 -1.08 0.00	36.04 -1.04 0.00	36.31 -1.20 0.00	33.48 -1.43 0.00	45.25 -1.42 0.00	44.44 -1.41 0.00	46.74 -1.36 0.00	44.50 -1.13 0.00	37.91 -1.19 0.00	48.27 -1.29 0.00	73.21 -1.05 0.00	65.93 -0.80 0.00	68.56 -0.77 0.00	65.40 -0.87 0.00	52.83 -0.90 0.00	41.50 -0.82 0.00	35.98 -0.87 0.00
E_FISHKILL___LBMP 23776	34.32 1.87 0.00	30.65 1.58 0.00	30.22 1.49 0.00	30.18 1.49 0.00	30.38 1.51 0.00	33.12 1.53 0.00	33.60 1.41 0.00	40.10 1.53 0.00	38.50 1.42 0.00	38.87 1.36 0.00	36.20 1.30 0.00	48.45 1.77 0.00	47.74 1.90 0.00	50.30 2.20 0.00	47.96 2.32 0.00	41.10 2.01 0.00	52.14 2.59 0.00	78.59 4.33 0.00	70.57 3.85 0.00	73.11 3.78 0.00	69.64 3.37 0.00	56.16 2.43 0.00	44.12 1.80 0.00	38.31 1.46 0.00
FALCON___SEABRD_CC1 323796	32.22 -0.23 0.00	29.09 0.03 0.00	28.78 0.05 0.00	28.80 0.10 0.00	29.02 0.15 0.00	31.94 0.35 0.00	32.80 0.61 0.00	39.66 1.09 0.00	38.16 1.07 0.00	38.61 1.10 0.00	36.05 1.15 0.00	48.29 1.62 0.00	47.37 1.52 0.00	49.38 1.29 0.00	46.72 1.09 0.00	40.13 1.03 0.00	50.88 1.33 0.00	76.28 2.01 0.00	68.53 1.80 0.00	71.32 1.99 0.00	68.21 1.94 0.00	55.63 1.90 0.00	44.07 1.74 0.00	38.20 1.35 0.00
FALCON___SEABRD_CC2 323797	32.22 -0.23 0.00	29.09 0.03 0.00	28.78 0.05 0.00	28.80 0.10 0.00	29.02 0.15 0.00	31.94 0.35 0.00	32.80 0.61 0.00	39.66 1.09 0.00	38.16 1.07 0.00	38.61 1.10 0.00	36.05 1.15 0.00	48.29 1.62 0.00	47.37 1.52 0.00	49.38 1.29 0.00	46.72 1.09 0.00	40.13 1.03 0.00	50.88 1.33 0.00	76.28 2.01 0.00	68.53 1.80 0.00	71.32 1.99 0.00	68.21 1.94 0.00	55.63 1.90 0.00	44.07 1.74 0.00	38.20 1.35 0.00

FAR ROCKAWAY___4 23548	35.52 3.01 -0.06	31.49 2.42 0.00	30.92 2.19 0.00	30.85 2.16 0.00	31.06 2.18 0.00	33.84 2.24 0.00	34.28 2.09 0.00	40.70 2.13 0.00	39.10 2.02 0.00	47.79 2.00 -8.29	82.17 2.18 -45.08	128.15 2.93 -78.54	73.13 2.95 -24.33	108.12 3.04 -56.99	111.77 3.16 -62.98	78.77 2.85 -36.82	83.53 3.42 -30.56	129.97 5.65 -50.06	95.04 4.80 -23.51	115.40 5.10 -40.97	108.08 4.62 -37.19	118.90 3.47 -61.69	44.77 2.46 0.00	38.94 2.09 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.91 2.46 0.00	31.15 2.08 0.00	30.63 1.91 0.00	30.61 1.91 0.00	30.80 1.92 0.00	33.53 1.93 0.00	34.05 1.86 0.00	40.63 2.06 0.00	39.06 1.99 0.00	39.50 1.99 0.00	36.84 1.93 0.00	49.25 2.58 0.00	48.56 2.71 0.00	51.11 3.01 0.00	48.78 3.15 0.00	41.81 2.71 0.00	52.91 3.36 0.00	79.85 5.59 0.00	71.64 4.92 0.00	74.22 4.89 0.00	70.57 4.30 0.00	56.80 3.07 0.00	44.60 2.28 0.00	38.73 1.88 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.93 2.48 0.00	31.17 2.09 0.00	30.65 1.92 0.00	30.61 1.91 0.00	30.80 1.93 0.00	33.53 1.94 0.00	34.07 1.88 0.00	40.64 2.06 0.00	39.07 1.99 0.00	39.50 2.00 0.00	36.84 1.93 0.00	49.27 2.60 0.00	48.57 2.73 0.00	51.12 3.02 0.00	48.79 3.16 0.00	41.82 2.72 0.00	52.92 3.37 0.00	79.86 5.60 0.00	71.69 4.96 0.00	74.23 4.90 0.00	70.59 4.32 0.00	56.82 3.09 0.00	44.62 2.30 0.00	38.75 1.90 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.90 2.45 0.00	31.14 2.07 0.00	30.62 1.90 0.00	30.60 1.90 0.00	30.78 1.91 0.00	33.51 1.92 0.00	34.04 1.85 0.00	40.60 2.03 0.00	39.04 1.96 0.00	39.48 1.97 0.00	36.82 1.91 0.00	49.23 2.56 0.00	48.53 2.69 0.00	51.08 2.98 0.00	48.76 3.13 0.00	41.78 2.68 0.00	52.88 3.32 0.00	79.80 5.54 0.00	71.63 4.90 0.00	74.16 4.83 0.00	70.52 4.26 0.00	56.77 3.04 0.00	44.58 2.26 0.00	38.71 1.86 0.00
FARRAGUT___LBMP 323566	34.87 2.42 0.00	31.12 2.05 0.00	30.60 1.88 0.00	30.58 1.88 0.00	30.76 1.89 0.00	33.49 1.90 0.00	34.01 1.82 0.00	40.59 2.01 0.00	39.01 1.94 0.00	39.44 1.94 0.00	36.78 1.88 0.00	49.19 2.51 0.00	48.49 2.64 0.00	51.03 2.94 0.00	48.72 3.09 0.00	41.75 2.65 0.00	52.84 3.28 0.00	79.73 5.47 0.00	71.57 4.84 0.00	74.10 4.77 0.00	70.47 4.20 0.00	56.73 3.00 0.00	44.54 2.22 0.00	38.68 1.83 0.00
FENNER___WINDPWR 24204	32.84 0.39 0.00	29.43 0.35 0.00	29.06 0.33 0.00	29.03 0.33 0.00	29.20 0.33 0.00	31.95 0.36 0.00	32.46 0.27 0.00	38.83 0.25 0.00	37.41 0.33 0.00	37.89 0.38 0.00	35.30 0.39 0.00	47.14 0.47 0.00	46.27 0.42 0.00	48.48 0.38 0.00	45.84 0.21 0.00	39.26 0.16 0.00	49.87 0.32 0.00	74.79 0.52 0.00	67.24 0.52 0.00	69.89 0.57 0.00	66.81 0.54 0.00	54.08 0.34 0.00	42.54 0.21 0.00	37.04 0.19 0.00
FIBERTEK___ENERGY 23856	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.37 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.44 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.26 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.86 0.00	36.17 -0.68 0.00
FITZPATRICK___ 23598	31.45 -1.00 0.00	28.25 -0.82 0.00	27.93 -0.80 0.00	27.91 -0.79 0.00	28.06 -0.81 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.10 -1.47 0.00	35.72 -1.36 0.00	36.17 -1.33 0.00	33.68 -1.23 0.00	45.00 -1.68 0.00	44.15 -1.69 0.00	46.26 -1.83 0.00	43.82 -1.82 0.00	37.52 -1.58 0.00	47.55 -2.01 0.00	71.10 -3.16 0.00	63.89 -2.83 0.00	66.41 -2.92 0.00	63.51 -2.76 0.00	51.49 -2.24 0.00	40.56 -1.77 0.00	35.38 -1.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.73 2.28 0.00	30.99 1.92 0.00	30.54 1.81 0.00	30.49 1.79 0.00	30.70 1.83 0.00	33.48 1.89 0.00	33.98 1.79 0.00	40.56 1.98 0.00	38.95 1.87 0.00	39.32 1.81 0.00	36.63 1.72 0.00	49.06 2.39 0.00	48.40 2.56 0.00	51.04 2.94 0.00	48.68 3.05 0.00	41.60 2.50 0.00	52.85 3.30 0.00	79.72 5.46 0.00	71.61 4.89 0.00	74.22 4.89 0.00	70.69 4.42 0.00	56.98 3.25 0.00	44.72 2.40 0.00	38.80 1.94 0.00
FORT ORANGE___ 23900	33.28 0.83 0.00	29.80 0.73 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.52 0.64 0.00	32.27 0.67 0.00	32.68 0.49 0.00	38.91 0.33 0.00	37.50 0.42 0.00	37.66 0.16 0.00	34.91 0.00 0.00	46.64 -0.03 0.00	45.87 0.03 0.00	48.46 0.36 0.00	46.05 0.42 0.00	39.64 0.54 0.00	50.26 0.71 0.00	75.44 1.17 0.00	67.96 1.24 0.00	70.53 1.20 0.00	67.52 1.26 0.00	54.60 0.87 0.00	42.97 0.65 0.00	37.28 0.43 0.00
FORT_DRUM_COGEN 23780	32.05 -0.40 0.00	28.94 -0.13 0.00	28.59 -0.13 0.00	28.65 -0.05 0.00	28.85 -0.03 0.00	31.60 0.01 0.00	32.21 0.02 0.00	38.76 0.18 0.00	37.36 0.28 0.00	38.02 0.52 0.00	35.29 0.38 0.00	46.88 0.21 0.00	45.93 0.09 0.00	48.07 -0.03 0.00	45.33 -0.30 0.00	38.70 -0.39 0.00	49.15 -0.41 0.00	73.91 -0.35 0.00	67.04 0.31 0.00	69.88 0.56 0.00	67.16 0.89 0.00	54.32 0.59 0.00	42.64 0.32 0.00	37.02 0.17 0.00
FOX_HILLS___ESR 323835	34.99 2.54 0.00	31.26 2.19 0.00	30.70 1.98 0.00	30.69 1.99 0.00	30.87 1.99 0.00	33.61 2.02 0.00	34.16 1.97 0.00	40.73 2.16 0.00	39.14 2.06 0.00	39.55 2.04 0.00	36.86 1.96 0.00	49.35 2.67 0.00	48.75 2.91 0.00	51.20 3.10 0.00	48.97 3.33 0.00	42.94 2.89 -0.95	52.91 3.35 0.00	80.01 5.74 0.00	71.85 5.12 0.00	74.43 5.10 0.00	70.72 4.45 0.00	56.91 3.17 0.00	46.12 2.38 -1.42	39.41 1.99 -0.57
FPL_FAR_ROCK_GT1 24212	35.52 3.01 -0.06	31.49 2.42 0.00	30.92 2.19 0.00	30.85 2.15 0.00	31.06 2.18 0.00	33.84 2.25 0.00	34.29 2.10 0.00	40.70 2.13 0.00	39.10 2.02 0.00	47.79 2.00 -8.29	82.17 2.17 -45.08	128.15 2.93 -78.54	73.14 2.96 -24.33	108.14 3.05 -56.99	111.77 3.15 -62.98	78.77 2.86 -36.82	83.53 3.42 -30.56	129.97 5.65 -50.06	95.04 4.80 -23.51	115.40 5.10 -40.97	108.09 4.62 -37.19	118.90 3.47 -61.69	44.77 2.46 0.00	38.94 2.09 0.00
FPL_FAR_ROCK_GT2 23815	35.52 3.01 -0.06	31.49 2.42 0.00	30.92 2.19 0.00	30.85 2.15 0.00	31.06 2.18 0.00	33.84 2.25 0.00	34.29 2.10 0.00	40.70 2.13 0.00	39.10 2.02 0.00	47.79 2.00 -8.29	82.17 2.17 -45.08	128.15 2.93 -78.54	73.14 2.96 -24.33	108.14 3.05 -56.99	111.77 3.15 -62.98	78.77 2.86 -36.82	83.53 3.42 -30.56	129.97 5.65 -50.06	95.04 4.80 -23.51	115.40 5.10 -40.97	108.09 4.62 -37.19	118.90 3.47 -61.69	44.77 2.46 0.00	38.94 2.09 0.00
FRANKLIN_FALL_HYD 24054	31.84 -0.62 0.00	28.64 -0.43 0.00	28.40 -0.32 0.00	28.39 -0.31 0.00	28.60 -0.27 0.00	31.47 -0.13 0.00	32.45 0.26 0.00	39.34 0.77 0.00	37.80 0.72 0.00	38.32 0.81 0.00	35.72 0.82 0.00	47.73 1.06 0.00	46.76 0.92 0.00	48.72 0.62 0.00	46.21 0.57 0.00	39.66 0.56 0.00	50.01 0.46 0.00	75.15 0.89 0.00	67.72 0.99 0.00	70.60 1.27 0.00	67.66 1.39 0.00	55.23 1.50 0.00	43.64 1.32 0.00	37.89 1.04 0.00

FREEMONT___GT1 23764	35.27 2.80 -0.02	31.29 2.22 0.00	30.72 1.99 0.00	30.64 1.94 0.00	30.84 1.97 0.00	33.61 2.01 0.00	34.05 1.86 0.00	40.42 1.84 0.00	38.80 1.72 0.00	41.44 1.66 -2.28	49.10 1.82 -12.38	71.05 2.40 -21.98	54.91 2.39 -6.68	66.29 2.55 -15.65	65.56 2.63 -17.29	51.59 2.39 -10.11	60.75 2.80 -8.39	92.76 4.75 -13.74	77.24 4.06 -6.45	84.90 4.32 -11.25	80.44 3.96 -10.21	73.62 2.95 -16.94	44.42 2.10 0.00	38.63 1.78 0.00
FREEPORT___CT2 23818	35.27 2.80 -0.02	31.29 2.22 0.00	30.72 1.99 0.00	30.64 1.94 0.00	30.84 1.97 0.00	33.61 2.01 0.00	34.05 1.86 0.00	40.42 1.84 0.00	38.80 1.72 0.00	41.44 1.66 -2.28	49.10 1.82 -12.38	71.05 2.40 -21.98	54.91 2.39 -6.68	66.29 2.55 -15.65	65.56 2.63 -17.29	51.59 2.39 -10.11	60.75 2.80 -8.39	92.76 4.75 -13.74	77.24 4.06 -6.45	84.90 4.32 -11.25	80.44 3.96 -10.21	73.62 2.95 -16.94	44.42 2.10 0.00	38.63 1.78 0.00
FRESHKLS_33_KV_LOAD 356253	34.97 2.52 0.00	31.25 2.18 0.00	30.69 1.97 0.00	30.69 1.99 0.00	30.86 1.99 0.00	33.61 2.02 0.00	34.16 1.97 0.00	40.72 2.14 0.00	39.10 2.02 0.00	39.49 1.98 0.00	36.79 1.89 0.00	49.27 2.60 0.00	48.70 2.86 0.00	51.09 3.00 0.00	48.93 3.29 0.00	42.90 2.85 -0.95	52.78 3.22 0.00	79.83 5.57 0.00	71.71 4.98 0.00	74.30 4.97 0.00	70.60 4.34 0.00	56.88 3.14 0.00	46.12 2.38 -1.42	39.44 2.02 -0.57
FULTON COGEN____ 23766	31.72 -0.73 0.00	28.48 -0.59 0.00	28.14 -0.59 0.00	28.12 -0.58 0.00	28.27 -0.60 0.00	30.92 -0.67 0.00	31.36 -0.83 0.00	37.35 -1.22 0.00	36.03 -1.05 0.00	36.50 -1.00 0.00	34.01 -0.90 0.00	45.42 -1.25 0.00	44.55 -1.29 0.00	46.65 -1.44 0.00	44.19 -1.45 0.00	37.84 -1.26 0.00	48.02 -1.54 0.00	71.76 -2.51 0.00	64.52 -2.20 0.00	67.07 -2.26 0.00	64.15 -2.12 0.00	51.86 -1.88 0.00	40.81 -1.51 0.00	35.59 -1.26 0.00
FULTON___LFGE 323630	34.52 2.07 0.00	30.88 1.81 0.00	30.51 1.78 0.00	30.49 1.78 0.00	30.63 1.76 0.00	33.51 1.92 0.00	34.15 1.96 0.00	40.83 2.25 0.00	39.23 2.15 0.00	39.58 2.07 0.00	36.60 1.69 0.00	49.49 2.81 0.00	48.48 2.64 0.00	50.55 2.45 0.00	48.19 2.56 0.00	40.99 1.89 0.00	51.69 2.13 0.00	78.62 4.35 0.00	70.76 4.04 0.00	73.71 4.38 0.00	70.55 4.28 0.00	57.16 3.43 0.00	44.92 2.60 0.00	39.08 2.23 0.00
G.F.CEMENT___DRP 24184	34.38 1.93 0.00	30.69 1.62 0.00	30.24 1.52 0.00	30.19 1.49 0.00	30.37 1.49 0.00	33.29 1.70 0.00	33.96 1.77 0.00	40.54 1.96 0.00	38.90 1.82 0.00	39.48 1.97 0.00	36.58 1.68 0.00	49.15 2.48 0.00	48.14 2.30 0.00	50.49 2.39 0.00	47.85 2.21 0.00	40.40 1.31 0.00	51.08 1.52 0.00	76.57 2.31 0.00	68.76 2.03 0.00	71.21 1.88 0.00	68.10 1.83 0.00	55.04 1.31 0.00	43.38 1.06 0.00	38.36 1.51 0.00
GARDENVILLE___LBMP 24039	31.50 -0.95 0.00	28.21 -0.86 0.00	27.98 -0.74 0.00	27.98 -0.72 0.00	27.98 -0.90 0.00	30.61 -0.99 0.00	31.05 -1.14 0.00	36.81 -1.76 0.00	35.68 -1.39 0.00	36.40 -1.11 0.00	34.05 -0.85 0.00	45.27 -1.40 0.00	44.39 -1.45 0.00	46.05 -2.04 0.00	43.05 -2.59 0.00	36.67 -2.42 0.00	46.12 -3.43 0.00	67.92 -6.34 0.00	60.91 -5.81 0.00	63.55 -5.78 0.00	61.05 -5.22 0.00	49.79 -3.94 0.00	39.40 -2.92 0.00	34.92 -1.93 0.00
GARDNVLA_35_KV_LD 355827	31.58 -0.87 0.00	28.26 -0.81 0.00	28.04 -0.69 0.00	28.03 -0.67 0.00	28.04 -0.84 0.00	30.67 -0.93 0.00	31.11 -1.08 0.00	36.89 -1.69 0.00	35.76 -1.32 0.00	36.50 -1.01 0.00	34.14 -0.77 0.00	45.40 -1.27 0.00	44.52 -1.33 0.00	46.19 -1.91 0.00	43.15 -2.48 0.00	36.76 -2.33 0.00	46.24 -3.32 0.00	68.10 -6.16 0.00	61.10 -5.62 0.00	63.72 -5.60 0.00	61.22 -5.05 0.00	49.95 -3.78 0.00	39.51 -2.81 0.00	35.02 -1.83 0.00
GELCKHM___115KV_LOAD 80723	32.08 -0.37 0.00	28.79 -0.28 0.00	28.45 -0.28 0.00	28.43 -0.28 0.00	28.57 -0.30 0.00	31.25 -0.35 0.00	31.70 -0.49 0.00	37.78 -0.80 0.00	36.42 -0.66 0.00	36.90 -0.60 0.00	34.37 -0.54 0.00	45.92 -0.75 0.00	45.06 -0.79 0.00	47.21 -0.89 0.00	44.68 -0.95 0.00	38.24 -0.85 0.00	48.52 -1.03 0.00	72.55 -1.72 0.00	65.16 -1.56 0.00	67.74 -1.59 0.00	64.77 -1.50 0.00	52.33 -1.40 0.00	41.20 -1.12 0.00	35.95 -0.90 0.00
GENERAL___MILLS 23808	31.53 -0.92 0.00	28.24 -0.84 0.00	28.01 -0.72 0.00	28.00 -0.70 0.00	28.01 -0.87 0.00	30.64 -0.96 0.00	31.09 -1.11 0.00	36.85 -1.73 0.00	35.72 -1.36 0.00	36.45 -1.06 0.00	34.09 -0.81 0.00	45.33 -1.35 0.00	44.45 -1.39 0.00	46.12 -1.98 0.00	43.09 -2.54 0.00	36.72 -2.38 0.00	46.18 -3.37 0.00	68.00 -6.26 0.00	61.00 -5.73 0.00	63.64 -5.69 0.00	61.13 -5.13 0.00	49.88 -3.86 0.00	39.46 -2.86 0.00	34.97 -1.88 0.00
GE_PLASTICS___DRP 24183	33.21 0.76 0.00	29.74 0.67 0.00	29.35 0.62 0.00	29.32 0.61 0.00	29.49 0.62 0.00	32.23 0.63 0.00	32.65 0.46 0.00	38.99 0.42 0.00	37.43 0.35 0.00	37.77 0.27 0.00	35.06 0.15 0.00	46.87 0.20 0.00	46.11 0.27 0.00	48.63 0.54 0.00	46.25 0.61 0.00	39.67 0.57 0.00	50.34 0.79 0.00	75.61 1.34 0.00	67.97 1.25 0.00	70.44 1.11 0.00	67.30 1.04 0.00	54.47 0.74 0.00	42.88 0.55 0.00	37.24 0.39 0.00
GILBOA___1 23756	33.26 0.81 0.00	29.77 0.70 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.53 0.66 0.00	32.26 0.66 0.00	32.72 0.53 0.00	39.07 0.50 0.00	37.54 0.46 0.00	37.92 0.42 0.00	35.26 0.35 0.00	47.20 0.53 0.00	46.41 0.57 0.00	48.81 0.72 0.00	46.39 0.75 0.00	39.75 0.65 0.00	50.40 0.84 0.00	75.25 0.99 0.00	67.53 0.80 0.00	70.00 0.67 0.00	66.88 0.61 0.00	54.39 0.65 0.00	42.87 0.55 0.00	37.29 0.43 0.00
GILBOA___2 23757	33.26 0.81 0.00	29.77 0.70 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.53 0.66 0.00	32.26 0.66 0.00	32.72 0.53 0.00	39.07 0.50 0.00	37.54 0.46 0.00	37.92 0.42 0.00	35.26 0.35 0.00	47.20 0.53 0.00	46.41 0.57 0.00	48.81 0.72 0.00	46.39 0.75 0.00	39.75 0.65 0.00	50.40 0.84 0.00	75.25 0.99 0.00	67.53 0.80 0.00	70.00 0.67 0.00	66.88 0.61 0.00	54.39 0.65 0.00	42.87 0.55 0.00	37.29 0.43 0.00
GILBOA___3 23758	33.26 0.81 0.00	29.77 0.70 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.53 0.66 0.00	32.26 0.66 0.00	32.72 0.53 0.00	39.07 0.50 0.00	37.54 0.46 0.00	37.92 0.42 0.00	35.26 0.35 0.00	47.20 0.53 0.00	46.41 0.57 0.00	48.81 0.72 0.00	46.39 0.75 0.00	39.75 0.65 0.00	50.40 0.84 0.00	75.25 0.99 0.00	67.53 0.80 0.00	70.00 0.67 0.00	66.88 0.61 0.00	54.39 0.65 0.00	42.87 0.55 0.00	37.29 0.43 0.00
GILBOA___4 23759	33.26 0.81 0.00	29.77 0.70 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.53 0.66 0.00	32.26 0.66 0.00	32.72 0.53 0.00	39.07 0.50 0.00	37.54 0.46 0.00	37.92 0.42 0.00	35.26 0.35 0.00	47.20 0.53 0.00	46.41 0.57 0.00	48.81 0.72 0.00	46.39 0.75 0.00	39.75 0.65 0.00	50.40 0.84 0.00	75.25 0.99 0.00	67.53 0.80 0.00	70.00 0.67 0.00	66.88 0.61 0.00	54.39 0.65 0.00	42.87 0.55 0.00	37.29 0.43 0.00

GILBOA____ 23599	33.26 0.81 0.00	29.77 0.70 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.53 0.66 0.00	32.26 0.66 0.00	32.72 0.53 0.00	39.07 0.50 0.00	37.54 0.46 0.00	37.92 0.41 0.00	35.26 0.35 0.00	47.20 0.53 0.00	46.41 0.57 0.00	48.81 0.72 0.00	46.39 0.76 0.00	39.75 0.65 0.00	50.40 0.84 0.00	75.25 0.99 0.00	67.53 0.80 0.00	70.00 0.68 0.00	66.88 0.61 0.00	54.38 0.65 0.00	42.88 0.55 0.00	37.28 0.43 0.00
GINNA____ 23603	30.44 -2.01 0.00	27.29 -1.78 0.00	27.00 -1.73 0.00	26.98 -1.72 0.00	27.08 -1.79 0.00	29.64 -1.96 0.00	30.11 -2.09 0.00	35.81 -2.77 0.00	34.65 -2.43 0.00	35.22 -2.29 0.00	32.84 -2.07 0.00	43.79 -2.89 0.00	42.96 -2.88 0.00	44.79 -3.31 0.00	42.16 -3.47 0.00	35.97 -3.13 0.00	45.47 -4.09 0.00	67.57 -6.69 0.00	60.71 -6.02 0.00	63.17 -6.16 0.00	60.63 -5.64 0.00	49.29 -4.45 0.00	38.86 -3.47 0.00	34.09 -2.76 0.00
GLEN PARK____ 23778	32.11 -0.34 0.00	28.98 -0.09 0.00	28.62 -0.10 0.00	28.69 -0.02 0.00	28.88 0.00 0.00	31.64 0.04 0.00	32.24 0.05 0.00	38.81 0.23 0.00	37.42 0.34 0.00	38.11 0.60 0.00	35.35 0.44 0.00	46.92 0.24 0.00	45.95 0.10 0.00	48.09 -0.01 0.00	45.34 -0.30 0.00	38.70 -0.40 0.00	49.16 -0.40 0.00	73.88 -0.38 0.00	67.11 0.38 0.00	69.99 0.66 0.00	67.29 1.02 0.00	54.40 0.66 0.00	42.69 0.36 0.00	37.05 0.20 0.00
GLENDALE_27_KV_LOAD 356172	35.04 2.59 0.00	31.29 2.22 0.00	30.73 2.01 0.00	30.74 2.04 0.00	30.90 2.03 0.00	33.63 2.03 0.00	34.17 1.98 0.00	40.78 2.21 0.00	39.21 2.14 0.00	39.66 2.16 0.00	36.99 2.09 0.00	49.47 2.79 0.00	48.80 2.95 0.00	51.34 3.25 0.00	49.02 3.38 0.00	42.01 2.91 0.00	53.14 3.59 0.00	80.27 6.01 0.00	72.04 5.31 0.00	74.58 5.25 0.00	70.91 4.64 0.00	57.07 3.34 0.00	44.78 2.47 0.00	38.87 2.02 0.00
GLENWOOD_IC_1_G5 23712	35.10 2.64 -0.01	31.22 2.15 0.00	30.68 1.95 0.00	30.61 1.91 0.00	30.81 1.94 0.00	33.57 1.97 0.00	34.04 1.85 0.00	40.51 1.94 0.00	38.93 1.85 0.00	40.53 1.83 -1.19	43.33 1.94 -6.49	61.27 2.60 -12.00	52.03 2.68 -3.50	59.19 2.89 -8.20	57.73 3.03 -9.07	47.06 2.66 -5.30	57.05 3.10 -4.40	86.71 5.24 -7.21	74.69 4.58 -3.39	79.88 4.66 -5.90	75.77 4.15 -5.35	65.67 3.06 -8.88	44.57 2.25 0.00	38.72 1.87 0.00
GLENWOOD_IC_2_G1 23688	34.91 2.46 0.00	31.09 2.02 0.00	30.56 1.83 0.00	30.50 1.80 0.00	30.70 1.83 0.00	33.44 1.85 0.00	33.93 1.74 0.00	40.42 1.84 0.00	38.83 1.75 0.00	39.23 1.73 0.00	36.68 1.78 0.00	49.08 2.37 -0.03	48.34 2.50 0.00	50.82 2.72 0.00	48.48 2.85 0.00	41.60 2.51 0.00	52.62 3.06 0.00	79.42 5.15 0.00	71.24 4.51 0.00	73.90 4.57 0.00	70.34 4.07 0.00	56.69 2.96 0.00	44.43 2.11 0.00	38.60 1.75 0.00
GLENWOOD_IC_3_G1 23689	34.91 2.46 0.00	31.09 2.02 0.00	30.56 1.83 0.00	30.50 1.80 0.00	30.70 1.83 0.00	33.44 1.85 0.00	33.93 1.74 0.00	40.42 1.84 0.00	38.83 1.75 0.00	39.23 1.73 0.00	36.68 1.78 0.00	49.08 2.37 -0.03	48.34 2.50 0.00	50.82 2.72 0.00	48.48 2.85 0.00	41.60 2.51 0.00	52.62 3.06 0.00	79.42 5.15 0.00	71.24 4.51 0.00	73.90 4.57 0.00	70.34 4.07 0.00	56.69 2.96 0.00	44.43 2.11 0.00	38.60 1.75 0.00
GLENWOOD____4 23550	35.10 2.64 -0.01	31.22 2.15 0.00	30.68 1.95 0.00	30.61 1.91 0.00	30.81 1.94 0.00	33.57 1.97 0.00	34.04 1.85 0.00	40.51 1.94 0.00	38.93 1.85 0.00	40.53 1.83 -1.19	43.33 1.94 -6.49	61.27 2.60 -12.00	52.03 2.68 -3.50	59.19 2.89 -8.20	57.73 3.03 -9.07	47.06 2.67 -5.30	57.11 3.16 -4.40	86.81 5.34 -7.21	74.77 4.66 -3.39	79.97 4.74 -5.90	75.87 4.24 -5.35	65.74 3.12 -8.88	44.57 2.25 0.00	38.72 1.87 0.00
GLENWOOD____5 23614	35.10 2.64 -0.01	31.22 2.15 0.00	30.68 1.95 0.00	30.61 1.91 0.00	30.81 1.94 0.00	33.57 1.97 0.00	34.04 1.85 0.00	40.51 1.94 0.00	38.93 1.85 0.00	40.53 1.83 -1.19	43.33 1.94 -6.49	61.27 2.60 -12.00	52.03 2.68 -3.50	59.19 2.89 -8.20	57.73 3.03 -9.07	47.06 2.67 -5.30	57.11 3.16 -4.40	86.81 5.34 -7.21	74.77 4.66 -3.39	79.97 4.74 -5.90	75.87 4.24 -5.35	65.74 3.12 -8.88	44.57 2.25 0.00	38.72 1.87 0.00
GLOBAL GREEN_PORT_GT1 23814	35.96 3.51 0.00	31.03 1.96 0.00	30.49 1.77 0.00	30.31 1.61 0.00	30.52 1.65 0.00	33.23 1.64 0.00	33.75 1.56 0.00	40.14 1.56 0.00	38.31 1.23 0.00	37.89 0.99 0.61	32.66 1.07 3.32	42.64 1.24 5.27	45.61 1.55 1.79	45.39 1.49 4.20	42.36 1.37 4.64	37.91 1.53 2.71	49.05 1.75 2.25	74.54 3.96 3.69	68.61 3.61 1.73	70.87 4.56 3.02	68.24 4.71 2.74	53.14 3.95 4.54	44.85 2.53 0.00	38.80 1.95 0.00
GLOBE____DSASP 323697	30.58 -1.87 0.00	27.43 -1.64 0.00	27.22 -1.51 0.00	27.21 -1.49 0.00	27.22 -1.65 0.00	29.75 -1.84 0.00	30.19 -2.00 0.00	35.74 -2.84 0.00	34.66 -2.42 0.00	35.35 -2.16 0.00	33.04 -1.87 0.00	43.89 -2.78 0.00	43.05 -2.80 0.00	44.61 -3.48 0.00	41.66 -3.98 0.00	35.39 -3.71 0.00	44.41 -5.14 0.00	65.23 -9.03 0.00	58.57 -8.15 0.00	61.05 -8.28 0.00	58.85 -7.42 0.00	48.26 -5.48 0.00	38.29 -4.03 0.00	34.01 -2.84 0.00
GOETHSLN____LBMP 323567	34.75 2.30 0.00	31.02 1.94 0.00	30.50 1.77 0.00	30.47 1.77 0.00	30.66 1.78 0.00	33.38 1.79 0.00	33.90 1.71 0.00	40.44 1.86 0.00	38.87 1.80 0.00	39.31 1.80 0.00	36.66 1.76 0.00	48.99 2.32 0.00	48.29 2.45 0.00	50.87 2.77 0.00	48.56 2.92 0.00	41.63 2.54 0.00	52.68 3.12 0.00	79.53 5.26 0.00	71.38 4.66 0.00	73.91 4.59 0.00	70.28 4.01 0.00	56.50 2.77 0.00	44.35 2.03 0.00	38.53 1.68 0.00
GOLAH____69_KV_TB 1_2 80279	31.90 -0.55 0.00	28.59 -0.49 0.00	28.30 -0.43 0.00	28.28 -0.42 0.00	28.36 -0.52 0.00	31.03 -0.57 0.00	31.52 -0.68 0.00	37.45 -1.13 0.00	36.29 -0.79 0.00	36.92 -0.58 0.00	34.45 -0.46 0.00	45.84 -0.84 0.00	44.95 -0.89 0.00	46.78 -1.32 0.00	43.91 -1.73 0.00	37.47 -1.63 0.00	47.30 -2.25 0.00	70.11 -4.15 0.00	62.99 -3.74 0.00	65.58 -3.75 0.00	63.04 -3.22 0.00	51.36 -2.37 0.00	40.53 -1.79 0.00	35.67 -1.18 0.00
GOODYEAR_LAKE_HYD 323669	33.47 1.02 0.00	29.96 0.89 0.00	29.59 0.86 0.00	29.57 0.87 0.00	29.75 0.88 0.00	32.54 0.95 0.00	33.14 0.95 0.00	39.64 1.06 0.00	38.19 1.11 0.00	38.71 1.20 0.00	36.08 1.17 0.00	48.26 1.58 0.00	47.37 1.53 0.00	49.57 1.47 0.00	46.93 1.29 0.00	40.15 1.05 0.00	50.86 1.30 0.00	76.14 1.88 0.00	68.33 1.60 0.00	71.00 1.67 0.00	67.87 1.60 0.00	55.08 1.35 0.00	43.37 1.05 0.00	37.79 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.58 0.13 0.00	29.16 0.09 0.00	28.85 0.12 0.00	28.84 0.14 0.00	28.97 0.09 0.00	31.68 0.08 0.00	32.11 -0.08 0.00	38.34 -0.24 0.00	36.96 -0.11 0.00	37.52 0.02 0.00	34.98 0.08 0.00	46.71 0.03 0.00	45.83 -0.01 0.00	47.91 -0.18 0.00	45.27 -0.36 0.00	38.78 -0.32 0.00	49.15 -0.41 0.00	73.43 -0.83 0.00	65.82 -0.91 0.00	68.51 -0.82 0.00	65.32 -0.95 0.00	52.93 -0.80 0.00	41.71 -0.61 0.00	36.48 -0.37 0.00

GOUDEY___7 23579	32.58 0.13 0.00	29.16 0.09 0.00	28.85 0.12 0.00	28.84 0.14 0.00	28.97 0.09 0.00	31.68 0.08 0.00	32.11 -0.08 0.00	38.34 -0.24 0.00	36.96 -0.11 0.00	37.52 0.02 0.00	34.98 0.08 0.00	46.71 0.03 0.00	45.83 -0.01 0.00	47.91 -0.18 0.00	45.27 -0.36 0.00	38.78 -0.32 0.00	49.15 -0.41 0.00	73.43 -0.83 0.00	65.82 -0.91 0.00	68.51 -0.82 0.00	65.32 -0.95 0.00	52.93 -0.80 0.00	41.71 -0.61 0.00	36.48 -0.37 0.00
GOUDEY___8 23580	32.58 0.13 0.00	29.16 0.09 0.00	28.85 0.12 0.00	28.84 0.14 0.00	28.97 0.09 0.00	31.68 0.08 0.00	32.11 -0.08 0.00	38.34 -0.24 0.00	36.96 -0.11 0.00	37.52 0.02 0.00	34.98 0.08 0.00	46.71 0.03 0.00	45.83 -0.01 0.00	47.91 -0.18 0.00	45.27 -0.36 0.00	38.78 -0.32 0.00	49.15 -0.41 0.00	73.43 -0.83 0.00	65.82 -0.91 0.00	68.51 -0.82 0.00	65.32 -0.95 0.00	52.93 -0.80 0.00	41.71 -0.61 0.00	36.48 -0.37 0.00
GOWANUS_GT1_1 24077	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT1_2 24078	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT1_3 24079	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT1_4 24080	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT1_5 24084	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT1_6 24111	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00																

GOWANUS_GT2_6 24119	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT2_7 24120	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT2_8 24121	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_1 24122	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_2 24123	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_3 24124	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_4 24125	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_5 24126	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_6 24127	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_7 24128	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT3_8 24129	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_1 24130	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_2 24131	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_3 24132	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_4 24133	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57

GOWANUS_GT4_5 24134	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_6 24135	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_7 24136	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GOWANUS_GT4_8 24137	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GREATVRV_69_KV_BK1 356245	35.76 3.32 0.00	31.69 2.62 0.00	31.11 2.39 0.00	31.00 2.30 0.00	31.20 2.33 0.00	33.97 2.38 0.00	34.42 2.23 0.00	40.78 2.20 0.00	39.11 2.04 0.00	39.00 1.95 0.45	34.48 2.01 2.44	45.45 2.51 3.74	47.28 2.76 1.32	47.50 2.49 3.09	44.83 2.61 3.41	39.64 2.53 1.99	50.79 2.89 1.65	76.82 5.27 2.71	70.05 4.59 1.27	72.00 4.89 2.22	68.84 4.59 2.01	54.00 3.61 3.34	44.84 2.52 0.00	38.95 2.09 0.00
GREENBSH_115KV_TB3 55895	33.11 0.66 0.00	29.65 0.58 0.00	29.26 0.53 0.00	29.23 0.53 0.00	29.39 0.52 0.00	32.13 0.54 0.00	32.53 0.34 0.00	38.83 0.25 0.00	37.29 0.21 0.00	37.59 0.08 0.00	34.88 -0.03 0.00	46.64 -0.04 0.00	45.86 0.02 0.00	48.40 0.30 0.00	46.04 0.40 0.00	39.51 0.42 0.00	50.17 0.61 0.00	75.37 1.11 0.00	67.78 1.06 0.00	70.21 0.88 0.00	67.12 0.85 0.00	54.29 0.56 0.00	42.73 0.41 0.00	37.09 0.23 0.00
GREENDGE_115KV_TB5 80291	32.35 -0.10 0.00	28.96 -0.11 0.00	28.68 -0.05 0.00	28.66 -0.04 0.00	28.74 -0.14 0.00	31.46 -0.14 0.00	31.90 -0.29 0.00	38.10 -0.47 0.00	36.85 -0.22 0.00	37.49 -0.02 0.00	34.97 0.07 0.00	46.52 -0.15 0.00	45.63 -0.21 0.00	47.46 -0.64 0.00	44.73 -0.90 0.00	38.38 -0.71 0.00	48.49 -1.07 0.00	71.97 -2.29 0.00	64.58 -2.15 0.00	67.34 -1.99 0.00	64.39 -1.88 0.00	52.15 -1.58 0.00	41.26 -1.06 0.00	36.18 -0.67 0.00
GREENIDGE___3 23582	32.35 -0.10 0.00	28.96 -0.11 0.00	28.68 -0.05 0.00	28.66 -0.04 0.00	28.74 -0.14 0.00	31.46 -0.14 0.00	31.90 -0.29 0.00	38.10 -0.47 0.00	36.85 -0.22 0.00	37.49 -0.02 0.00	34.97 0.07 0.00	46.52 -0.15 0.00	45.63 -0.21 0.00	47.46 -0.64 0.00	44.73 -0.90 0.00	38.38 -0.71 0.00	48.49 -1.07 0.00	71.97 -2.29 0.00	64.58 -2.15 0.00	67.34 -1.99 0.00	64.39 -1.88 0.00	52.15 -1.58 0.00	41.26 -1.06 0.00	36.18 -0.67 0.00
GREENIDGE___4 23583	32.35 -0.10 0.00	28.96 -0.11 0.00	28.68 -0.05 0.00	28.66 -0.04 0.00	28.74 -0.14 0.00	31.46 -0.14 0.00	31.90 -0.29 0.00	38.10 -0.47 0.00	36.86 -0.22 0.00	37.49 -0.02 0.00	34.97 0.06 0.00	46.51 -0.16 0.00	45.62 -0.22 0.00	47.46 -0.63 0.00	44.74 -0.89 0.00	38.38 -0.71 0.00	48.48 -1.07 0.00	71.98 -2.29 0.00	64.58 -2.15 0.00	67.34 -1.99 0.00	64.39 -1.88 0.00	52.16 -1.57 0.00	41.26 -1.06 0.00	36.18 -0.67 0.00
GREENLWN_69_KV_BK 3 55738	35.12 2.67 0.00	31.17 2.10 0.00	30.60 1.88 0.00	30.52 1.82 0.00	30.72 1.84 0.00	33.45 1.85 0.00	33.89 1.70 0.00	40.19 1.62 0.00	38.57 1.49 0.00	38.42 1.43 0.52	33.69 1.62 2.83	44.32 2.06 4.41	46.48 2.16 1.53	46.64 2.12 3.58	43.91 2.24 3.95	38.91 2.13 2.31	50.08 2.44 1.92	75.56 4.43 3.14	69.09 3.83 1.48	70.84 4.08 2.57	67.67 3.74 2.34	52.62 2.76 3.87	44.09 1.77 0.00	38.32 1.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
GRISSOM___SOLAR 323813	34.46 2.01 0.00	30.82 1.75 0.00	30.44 1.71 0.00	30.41 1.71 0.00	30.55 1.68 0.00	33.43 1.83 0.00	34.02 1.83 0.00	40.69 2.11 0.00	39.07 1.99 0.00	39.37 1.86 0.00	36.37 1.46 0.00	49.20 2.52 0.00	48.19 2.35 0.00	50.31 2.21 0.00	48.00 2.36 0.00	40.81 1.71 0.00	51.47 1.92 0.00	78.33 4.07 0.00	70.53 3.81 0.00	73.44 4.11 0.00	70.30 4.03 0.00	56.95 3.21 0.00	44.75 2.43 0.00	38.94 2.09 0.00
GROVEVILLE___HYD 323602	34.73 2.28 0.00	30.99 1.92 0.00	30.54 1.81 0.00	30.49 1.79 0.00	30.70 1.83 0.00	33.48 1.89 0.00	33.98 1.79 0.00	40.56 1.98 0.00	38.95 1.87 0.00	39.32 1.81 0.00	36.63 1.72 0.00	49.06 2.39 0.00	48.40 2.56 0.00	51.04 2.94 0.00	48.68 3.05 0.00	41.60 2.50 0.00	52.85 3.30 0.00	79.72 5.46 0.00	71.61 4.89 0.00	74.22 4.89 0.00	70.69 4.42 0.00	56.98 3.25 0.00	44.72 2.40 0.00	38.80 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.37 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.44 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.26 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.86 0.00	36.17 -0.68 0.00
HAMLTNNY_34_KV_TB 80303	32.22 -0.23 0.00	28.89 -0.18 0.00	28.55 -0.18 0.00	28.55 -0.15 0.00	28.68 -0.20 0.00	31.36 -0.23 0.00	31.84 -0.36 0.00	37.93 -0.65 0.00	36.58 -0.50 0.00	37.10 -0.41 0.00	34.55 -0.35 0.00	46.16 -0.52 0.00	45.26 -0.58 0.00	47.35 -0.75 0.00	44.80 -0.84 0.00	38.29 -0.81 0.00	48.54 -1.01 0.00	72.52 -1.74 0.00	65.02 -1.70 0.00	67.62 -1.71 0.00	64.73 -1.54 0.00	52.51 -1.23 0.00	41.39 -0.93 0.00	36.14 -0.71 0.00

HAMPSHIRE___PAPER_HYD 323593	31.39 -1.06 0.00	28.28 -0.79 0.00	27.98 -0.75 0.00	27.99 -0.71 0.00	28.18 -0.69 0.00	30.92 -0.67 0.00	31.73 -0.46 0.00	38.43 -0.15 0.00	36.95 -0.13 0.00	37.47 -0.04 0.00	34.84 -0.07 0.00	46.40 -0.27 0.00	45.47 -0.37 0.00	47.51 -0.58 0.00	44.94 -0.69 0.00	38.46 -0.64 0.00	48.57 -0.98 0.00	73.13 -1.14 0.00	66.01 -0.71 0.00	68.84 -0.49 0.00	66.07 -0.20 0.00	53.71 -0.02 0.00	42.42 0.09 0.00	36.86 0.01 0.00
HARDSCRABBLE_WT_PWR 323673	32.30 -0.16 0.00	28.90 -0.18 0.00	28.47 -0.26 0.00	28.44 -0.26 0.00	28.62 -0.26 0.00	31.31 -0.28 0.00	31.60 -0.59 0.00	37.74 -0.84 0.00	36.29 -0.79 0.00	36.62 -0.89 0.00	33.84 -1.07 0.00	45.62 -1.06 0.00	44.79 -1.06 0.00	47.06 -1.03 0.00	44.77 -0.87 0.00	38.19 -0.90 0.00	48.59 -0.96 0.00	73.52 -0.75 0.00	66.18 -0.55 0.00	68.80 -0.53 0.00	65.67 -0.60 0.00	53.09 -0.65 0.00	41.72 -0.60 0.00	36.20 -0.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.64 2.19 0.00	30.91 1.84 0.00	30.42 1.70 0.00	30.40 1.70 0.00	30.63 1.76 0.00	33.39 1.80 0.00	33.89 1.70 0.00	40.46 1.89 0.00	38.86 1.78 0.00	39.27 1.77 0.00	36.64 1.74 0.00	49.08 2.40 0.00	48.45 2.60 0.00	51.07 2.97 0.00	48.73 3.10 0.00	41.62 2.53 0.00	52.83 3.28 0.00	79.68 5.42 0.00	71.54 4.81 0.00	74.15 4.82 0.00	70.54 4.27 0.00	56.77 3.04 0.00	44.56 2.24 0.00	38.69 1.84 0.00
HARSNRAD_115KV_TB1 81005	31.15 -1.30 0.00	27.92 -1.15 0.00	27.70 -1.03 0.00	27.69 -1.02 0.00	27.70 -1.17 0.00	30.30 -1.29 0.00	30.74 -1.45 0.00	36.40 -2.18 0.00	35.31 -1.77 0.00	36.01 -1.50 0.00	33.65 -1.26 0.00	44.69 -1.99 0.00	43.83 -2.01 0.00	45.43 -2.67 0.00	42.41 -3.22 0.00	36.08 -3.02 0.00	45.33 -4.23 0.00	66.47 -7.79 0.00	59.67 -7.06 0.00	62.19 -7.14 0.00	59.95 -6.32 0.00	49.13 -4.61 0.00	39.01 -3.31 0.00	34.61 -2.24 0.00
HARZA MOOSE___RIVER 24016	32.51 0.06 0.00	29.25 0.18 0.00	28.88 0.15 0.00	28.89 0.18 0.00	29.08 0.20 0.00	31.84 0.24 0.00	32.44 0.25 0.00	38.96 0.38 0.00	37.52 0.44 0.00	38.03 0.52 0.00	35.38 0.47 0.00	47.20 0.53 0.00	46.34 0.50 0.00	48.52 0.43 0.00	45.82 0.19 0.00	39.17 0.07 0.00	49.74 0.18 0.00	74.83 0.57 0.00	67.48 0.75 0.00	70.20 0.87 0.00	67.24 0.97 0.00	54.45 0.72 0.00	42.82 0.50 0.00	37.22 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.09 -0.36 0.00	28.79 -0.28 0.00	28.45 -0.28 0.00	28.43 -0.28 0.00	28.57 -0.30 0.00	31.25 -0.35 0.00	31.69 -0.50 0.00	37.76 -0.81 0.00	36.40 -0.68 0.00	36.90 -0.61 0.00	34.37 -0.54 0.00	45.91 -0.76 0.00	45.05 -0.79 0.00	47.20 -0.90 0.00	44.65 -0.98 0.00	38.24 -0.86 0.00	48.51 -1.05 0.00	72.49 -1.78 0.00	65.14 -1.59 0.00	67.71 -1.62 0.00	64.72 -1.55 0.00	52.33 -1.41 0.00	41.19 -1.13 0.00	35.95 -0.90 0.00
HELLGATE_13_KV_LD 55870	35.08 2.63 0.00	31.34 2.27 0.00	30.79 2.06 0.00	30.79 2.09 0.00	30.97 2.09 0.00	33.67 2.07 0.00	34.22 2.03 0.00	40.84 2.26 0.00	39.26 2.18 0.00	39.72 2.21 0.00	37.05 2.14 0.00	49.56 2.88 0.00	48.87 3.03 0.00	51.41 3.32 0.00	49.10 3.47 0.00	42.08 2.98 0.00	53.23 3.68 0.00	80.42 6.16 0.00	72.14 5.42 0.00	74.72 5.39 0.00	70.99 4.73 0.00	57.14 3.41 0.00	44.83 2.51 0.00	38.91 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.08 2.63 0.00	31.34 2.27 0.00	30.79 2.06 0.00	30.79 2.09 0.00	30.97 2.09 0.00	33.67 2.07 0.00	34.22 2.03 0.00	40.84 2.26 0.00	39.26 2.18 0.00	39.72 2.21 0.00	37.05 2.14 0.00	49.56 2.88 0.00	48.87 3.03 0.00	51.41 3.32 0.00	49.10 3.47 0.00	42.08 2.98 0.00	53.23 3.68 0.00	80.42 6.16 0.00	72.14 5.42 0.00	74.72 5.39 0.00	70.99 4.73 0.00	57.14 3.41 0.00	44.83 2.51 0.00	38.91 2.06 0.00
HEMPSTEAD____ 23647	35.03 2.57 -0.01	31.11 2.04 0.00	30.56 1.83 0.00	30.49 1.79 0.00	30.69 1.82 0.00	33.43 1.83 0.00	33.89 1.70 0.00	40.27 1.69 0.00	38.67 1.59 0.00	40.51 1.54 -1.46	44.52 1.69 -7.92	63.28 2.25 -14.36	52.44 2.32 -4.28	60.54 2.43 -10.02	59.27 2.57 -11.07	47.87 2.30 -6.47	57.61 2.69 -5.37	87.73 4.67 -8.80	74.90 4.04 -4.13	80.71 4.19 -7.20	76.58 3.77 -6.54	67.35 2.77 -10.84	44.23 1.91 0.00	38.46 1.60 0.00
HICKLING___1 23621	32.50 0.05 0.00	29.08 0.01 0.00	28.82 0.09 0.00	28.83 0.13 0.00	28.87 0.00 0.00	31.58 -0.01 0.00	31.96 -0.23 0.00	38.19 -0.38 0.00	36.91 -0.17 0.00	37.56 0.06 0.00	35.06 0.15 0.00	46.70 0.03 0.00	45.82 -0.02 0.00	47.71 -0.39 0.00	44.90 -0.73 0.00	38.53 -0.57 0.00	48.80 -0.76 0.00	72.70 -1.57 0.00	65.02 -1.71 0.00	67.80 -1.53 0.00	64.64 -1.63 0.00	52.32 -1.41 0.00	41.23 -1.09 0.00	36.17 -0.68 0.00
HICKLING___2 23622	32.50 0.05 0.00	29.08 0.01 0.00	28.82 0.09 0.00	28.83 0.13 0.00	28.87 0.00 0.00	31.58 -0.01 0.00	31.96 -0.23 0.00	38.19 -0.38 0.00	36.91 -0.17 0.00	37.56 0.06 0.00	35.06 0.15 0.00	46.70 0.03 0.00	45.82 -0.02 0.00	47.71 -0.39 0.00	44.90 -0.73 0.00	38.53 -0.57 0.00	48.80 -0.76 0.00	72.70 -1.57 0.00	65.02 -1.71 0.00	67.80 -1.53 0.00	64.64 -1.63 0.00	52.32 -1.41 0.00	41.23 -1.09 0.00	36.17 -0.68 0.00
HIGH FALLS___HY 23754	34.86 2.41 0.00	31.08 2.01 0.00	30.61 1.88 0.00	30.57 1.87 0.00	30.81 1.94 0.00	33.58 1.99 0.00	34.12 1.92 0.00	40.67 2.09 0.00	39.04 1.96 0.00	39.30 1.79 0.00	36.59 1.68 0.00	49.01 2.33 0.00	48.48 2.63 0.00	51.12 3.03 0.00	49.00 3.37 0.00	41.54 2.44 0.00	52.74 3.18 0.00	79.78 5.52 0.00	71.79 5.06 0.00	74.64 5.31 0.00	71.14 4.87 0.00	57.30 3.57 0.00	44.95 2.63 0.00	38.98 2.13 0.00
HIGH_RIVER___SOLAR 323847	34.09 1.64 0.00	30.50 1.43 0.00	30.11 1.38 0.00	30.08 1.38 0.00	30.25 1.37 0.00	33.08 1.48 0.00	33.59 1.40 0.00	40.06 1.48 0.00	38.43 1.35 0.00	38.79 1.28 0.00	35.50 0.59 0.00	48.41 1.74 0.00	47.53 1.68 0.00	49.71 1.61 0.00	47.37 1.74 0.00	40.32 1.22 0.00	51.00 1.44 0.00	77.59 3.32 0.00	69.83 3.11 0.00	72.62 3.29 0.00	69.47 3.20 0.00	56.26 2.53 0.00	44.25 1.93 0.00	38.48 1.63 0.00
HILLBURN___GT 23639	34.63 2.18 0.00	30.91 1.84 0.00	30.40 1.67 0.00	30.37 1.67 0.00	30.59 1.72 0.00	33.34 1.75 0.00	33.85 1.66 0.00	40.40 1.82 0.00	38.81 1.73 0.00	39.24 1.74 0.00	36.62 1.71 0.00	48.98 2.30 0.00	48.34 2.49 0.00	50.93 2.83 0.00	48.57 2.94 0.00	41.62 2.52 0.00	52.77 3.21 0.00	79.50 5.24 0.00	71.35 4.62 0.00	73.93 4.60 0.00	70.33 4.06 0.00	56.57 2.83 0.00	44.41 2.09 0.00	38.59 1.73 0.00
HILLSIDE_115KV_TB1 80332	32.21 -0.24 0.00	28.81 -0.26 0.00	28.55 -0.18 0.00	28.56 -0.14 0.00	28.63 -0.25 0.00	31.30 -0.29 0.00	31.66 -0.53 0.00	37.83 -0.75 0.00	36.51 -0.57 0.00	37.15 -0.36 0.00	34.69 -0.21 0.00	46.22 -0.45 0.00	45.37 -0.48 0.00	47.30 -0.80 0.00	44.56 -1.07 0.00	38.24 -0.86 0.00	48.43 -1.13 0.00	72.19 -2.08 0.00	64.55 -2.18 0.00	67.32 -2.01 0.00	64.03 -2.24 0.00	51.83 -1.90 0.00	40.87 -1.45 0.00	35.86 -0.99 0.00

HISHELDN_WT_PWR 323625	31.58 -0.87 0.00	28.27 -0.80 0.00	28.05 -0.67 0.00	28.06 -0.64 0.00	28.04 -0.84 0.00	30.67 -0.92 0.00	31.08 -1.11 0.00	36.92 -1.66 0.00	35.78 -1.30 0.00	36.46 -1.05 0.00	34.07 -0.83 0.00	45.31 -1.36 0.00	44.41 -1.43 0.00	46.11 -1.98 0.00	43.15 -2.49 0.00	36.83 -2.27 0.00	46.40 -3.16 0.00	68.49 -5.77 0.00	61.44 -5.29 0.00	64.03 -5.30 0.00	61.51 -4.76 0.00	50.10 -3.63 0.00	39.49 -2.83 0.00	34.93 -1.92 0.00
HOLTSVILLE_IC_1 23690	35.41 2.96 0.00	31.38 2.31 0.00	30.81 2.08 0.00	30.71 2.01 0.00	30.91 2.04 0.00	33.63 2.03 0.00	34.09 1.90 0.00	40.38 1.81 0.00	38.72 1.64 0.00	38.44 1.55 0.62	33.17 1.64 3.37	43.25 1.94 5.36	46.18 2.16 1.82	45.83 2.00 4.27	42.99 2.08 4.72	38.40 2.06 2.76	49.56 2.29 2.29	74.83 4.32 3.75	68.71 3.74 1.76	70.34 4.08 3.07	67.31 3.82 2.78	52.09 2.98 4.62	44.31 1.99 0.00	38.49 1.64 0.00
HOLTSVILLE_IC_10 23699	35.58 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.04 2.16 0.00	33.77 2.18 0.00	34.24 2.05 0.00	40.56 1.98 0.00	38.90 1.82 0.00	38.63 1.71 0.58	33.52 1.77 3.15	43.81 2.12 4.98	46.50 2.36 1.70	46.28 2.17 3.99	43.48 2.25 4.41	38.78 2.26 2.58	49.94 2.53 2.14	75.47 4.71 3.50	69.23 4.15 1.65	70.97 4.51 2.87	67.92 4.25 2.60	52.76 3.34 4.32	44.58 2.26 0.00	38.70 1.85 0.00
HOLTSVILLE_IC_2 23691	35.41 2.96 0.00	31.38 2.31 0.00	30.81 2.08 0.00	30.71 2.01 0.00	30.91 2.04 0.00	33.63 2.03 0.00	34.09 1.90 0.00	40.38 1.81 0.00	38.72 1.64 0.00	38.44 1.55 0.62	33.17 1.64 3.37	43.25 1.94 5.36	46.18 2.16 1.82	45.83 2.00 4.27	42.99 2.08 4.72	38.40 2.06 2.76	49.56 2.29 2.29	74.83 4.32 3.75	68.71 3.74 1.76	70.34 4.08 3.07	67.31 3.82 2.78	52.09 2.98 4.62	44.31 1.99 0.00	38.49 1.64 0.00
HOLTSVILLE_IC_3 23692	35.41 2.96 0.00	31.38 2.31 0.00	30.81 2.08 0.00	30.71 2.01 0.00	30.91 2.04 0.00	33.63 2.03 0.00	34.09 1.90 0.00	40.38 1.81 0.00	38.72 1.64 0.00	38.44 1.55 0.62	33.17 1.64 3.37	43.25 1.94 5.36	46.18 2.16 1.82	45.83 2.00 4.27	42.99 2.08 4.72	38.40 2.06 2.76	49.56 2.29 2.29	74.83 4.32 3.75	68.71 3.74 1.76	70.34 4.08 3.07	67.31 3.82 2.78	52.09 2.98 4.62	44.31 1.99 0.00	38.49 1.64 0.00
HOLTSVILLE_IC_4 23693	35.41 2.96 0.00	31.38 2.31 0.00	30.81 2.08 0.00	30.71 2.01 0.00	30.91 2.04 0.00	33.63 2.03 0.00	34.09 1.90 0.00	40.38 1.81 0.00	38.72 1.64 0.00	38.44 1.55 0.62	33.17 1.64 3.37	43.25 1.94 5.36	46.18 2.16 1.82	45.83 2.00 4.27	42.99 2.08 4.72	38.40 2.06 2.76	49.56 2.29 2.29	74.83 4.32 3.75	68.71 3.74 1.76	70.34 4.08 3.07	67.31 3.82 2.78	52.09 2.98 4.62	44.31 1.99 0.00	38.49 1.64 0.00
HOLTSVILLE_IC_5 23694	35.41 2.96 0.00	31.38 2.31 0.00	30.81 2.08 0.00	30.71 2.01 0.00	30.91 2.04 0.00	33.63 2.03 0.00	34.09 1.90 0.00	40.38 1.81 0.00	38.72 1.64 0.00	38.44 1.55 0.62	33.17 1.64 3.37	43.25 1.94 5.36	46.18 2.16 1.82	45.83 2.00 4.27	42.99 2.08 4.72	38.40 2.06 2.76	49.56 2.29 2.29	74.83 4.32 3.75	68.71 3.74 1.76	70.34 4.08 3.07	67.31 3.82 2.78	52.09 2.98 4.62	44.31 1.99 0.00	38.49 1.64 0.00
HOLTSVILLE_IC_6 23695	35.58 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.04 2.16 0.00	33.77 2.18 0.00	34.24 2.05 0.00	40.56 1.98 0.00	38.90 1.82 0.00	38.63 1.71 0.58	33.52 1.77 3.15	43.81 2.12 4.98	46.50 2.36 1.70	46.28 2.17 3.99	43.48 2.25 4.41	38.78 2.26 2.58	49.94 2.53 2.14	75.47 4.71 3.50	69.23 4.15 1.65	70.97 4.51 2.87	67.92 4.25 2.60	52.76 3.34 4.32	44.58 2.26 0.00	38.70 1.85 0.00
HOLTSVILLE_IC_7 23696	35.58 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.04 2.16 0.00	33.77 2.18 0.00	34.24 2.05 0.00	40.56 1.98 0.00	38.90 1.82 0.00	38.63 1.71 0.58	33.52 1.77 3.15	43.81 2.12 4.98	46.50 2.36 1.70	46.28 2.17 3.99	43.48 2.25 4.41	38.78 2.26 2.58	49.94 2.53 2.14	75.47 4.71 3.50	69.23 4.15 1.65	70.97 4.51 2.87	67.92 4.25 2.60	52.76 3.34 4.32	44.58 2.26 0.00	38.70 1.85 0.00
HOLTSVILLE_IC_8 23697	35.58 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.04 2.16 0.00	33.77 2.18 0.00	34.24 2.05 0.00	40.56 1.98 0.00	38.90 1.82 0.00	38.63 1.71 0.58	33.52 1.77 3.15	43.81 2.12 4.98	46.50 2.36 1.70	46.28 2.17 3.99	43.48 2.25 4.41	38.78 2.26 2.58	49.94 2.53 2.14	75.47 4.71 3.50	69.23 4.15 1.65	70.97 4.51 2.87	67.92 4.25 2.60	52.76 3.34 4.32	44.58 2.26 0.00	38.70 1.85 0.00
HOLTSVILLE_IC_9 23698	35.58 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.04 2.16 0.00	33.77 2.18 0.00	34.24 2.05 0.00	40.56 1.98 0.00	38.90 1.82 0.00	38.63 1.71 0.58	33.52 1.77 3.15	43.81 2.12 4.98	46.50 2.36 1.70	46.28 2.17 3.99	43.48 2.25 4.41	38.78 2.26 2.58	49.94 2.53 2.14	75.47 4.71 3.50	69.23 4.15 1.65	70.97 4.51 2.87	67.92 4.25 2.60	52.76 3.34 4.32	44.58 2.26 0.00	38.70 1.85 0.00
HOMER_HL_115KV_TB2 355744	32.11 -0.35 0.00	28.76 -0.31 0.00	28.56 -0.16 0.00	28.60 -0.09 0.00	28.66 -0.21 0.00	31.36 -0.24 0.00	31.79 -0.40 0.00	37.72 -0.86 0.00	36.50 -0.58 0.00	37.23 -0.28 0.00	34.86 -0.05 0.00	46.27 -0.40 0.00	45.27 -0.57 0.00	46.95 -1.15 0.00	43.94 -1.70 0.00	37.46 -1.63 0.00	47.27 -2.29 0.00	70.13 -4.14 0.00	62.69 -4.04 0.00	65.32 -4.00 0.00	62.46 -3.81 0.00	50.55 -3.19 0.00	39.84 -2.48 0.00	35.35 -1.50 0.00
HOWARD_WT_PWR 323690	32.27 -0.18 0.00	28.93 -0.14 0.00	28.82 0.09 0.00	28.85 0.15 0.00	28.72 -0.16 0.00	31.49 -0.10 0.00	31.79 -0.39 0.00	38.02 -0.56 0.00	36.90 -0.17 0.00	37.59 0.08 0.00	35.11 0.20 0.00	46.60 -0.08 0.00	45.62 -0.22 0.00	47.35 -0.74 0.00	44.26 -1.37 0.00	37.99 -1.10 0.00	48.08 -1.47 0.00	71.42 -2.84 0.00	63.85 -2.87 0.00	66.93 -2.40 0.00	64.22 -2.05 0.00	52.05 -1.69 0.00	40.96 -1.36 0.00	35.93 -0.92 0.00
HQ_GEN_CEDARS 23644	31.95 -0.50 0.00	28.70 -0.37 0.00	28.45 -0.28 0.00	28.42 -0.28 0.00	28.62 -0.26 0.00	31.41 -0.18 0.00	32.40 0.21 0.00	39.45 0.88 0.00	37.84 0.76 0.00	38.33 0.82 0.00	35.70 0.79 0.00	47.65 0.98 0.00	46.70 0.85 0.00	48.73 0.63 0.00	46.23 0.60 0.00	39.68 0.58 0.00	49.83 0.27 0.00	74.78 0.51 0.00	67.25 0.53 0.00	70.10 0.77 0.00	67.19 0.92 0.00	54.86 1.13 0.00	43.56 1.23 0.00	37.91 1.06 0.00
HQ_GEN_CEDARS_PROXY 323590	31.95 -0.50 0.00	28.70 -0.37 0.00	28.45 -0.28 0.00	28.42 -0.28 0.00	28.45 -0.26 0.17	31.41 -0.18 0.00	32.40 0.21 0.00	39.45 0.88 0.00	37.84 0.76 0.00	38.33 0.82 0.00	35.70 0.79 0.00	47.65 0.98 0.00	46.70 0.86 0.00	48.73 0.63 0.00	46.23 0.60 0.00	39.68 0.58 0.00	49.83 0.27 0.00	74.78 0.51 0.00	67.26 0.53 0.00	70.10 0.77 0.00	67.18 0.92 0.00	54.86 1.13 0.00	43.56 1.23 0.00	37.91 1.06 0.00

HQ_GEN_IMPORT 323601	32.18 -0.27 0.00	28.83 -0.25 0.00	28.53 -0.19 0.00	28.49 -0.21 0.00	28.68 -0.20 0.00	31.44 -0.16 0.00	32.30 0.11 0.00	39.02 0.43 0.00	37.46 0.39 0.00	37.92 0.41 0.00	35.31 0.40 0.00	47.19 0.52 0.00	46.31 0.47 0.00	48.47 0.37 0.00	45.98 0.34 0.00	39.43 0.33 0.00	49.90 0.35 0.00	74.79 0.53 0.00	67.21 0.48 0.00	69.94 0.61 0.00	66.94 0.67 0.00	54.42 0.69 0.00	42.91 0.59 0.00	37.36 0.51 0.00
HQ_GEN_WHEEL 23651	32.18 -0.27 0.00	28.83 -0.25 0.00	28.53 -0.19 0.00	28.49 -0.21 0.00	28.68 -0.20 0.00	31.44 -0.16 0.00	32.30 0.11 0.00	39.02 0.43 0.00	37.46 0.39 0.00	37.92 0.41 0.00	35.31 0.40 0.00	47.19 0.52 0.00	46.31 0.47 0.00	48.47 0.37 0.00	45.98 0.34 0.00	39.43 0.33 0.00	49.90 0.35 0.00	74.79 0.53 0.00	67.21 0.48 0.00	69.94 0.61 0.00	66.94 0.67 0.00	54.42 0.69 0.00	42.91 0.59 0.00	37.36 0.51 0.00
HUDSON AVE_GT_3 23810	34.93 2.48 0.00	31.17 2.10 0.00	30.65 1.92 0.00	30.63 1.93 0.00	30.80 1.93 0.00	33.54 1.94 0.00	34.07 1.88 0.00	40.64 2.06 0.00	39.08 2.00 0.00	39.52 2.01 0.00	36.85 1.95 0.00	49.28 2.61 0.00	48.58 2.74 0.00	51.13 3.03 0.00	48.81 3.18 0.00	41.83 2.74 0.00	52.94 3.38 0.00	79.89 5.63 0.00	71.70 4.98 0.00	74.25 4.92 0.00	70.60 4.33 0.00	56.83 3.10 0.00	44.62 2.30 0.00	38.75 1.90 0.00
HUDSON AVE_GT_4 23540	34.93 2.48 0.00	31.17 2.10 0.00	30.65 1.92 0.00	30.63 1.93 0.00	30.80 1.93 0.00	33.54 1.94 0.00	34.07 1.88 0.00	40.64 2.06 0.00	39.08 2.00 0.00	39.52 2.01 0.00	36.85 1.95 0.00	49.28 2.61 0.00	48.58 2.74 0.00	51.13 3.03 0.00	48.81 3.18 0.00	41.83 2.74 0.00	52.94 3.38 0.00	79.89 5.63 0.00	71.70 4.98 0.00	74.25 4.92 0.00	70.60 4.33 0.00	56.83 3.10 0.00	44.62 2.30 0.00	38.75 1.90 0.00
HUDSON AVE_GT_5 23657	34.93 2.48 0.00	31.17 2.10 0.00	30.65 1.92 0.00	30.63 1.93 0.00	30.80 1.93 0.00	33.54 1.94 0.00	34.07 1.88 0.00	40.64 2.06 0.00	39.08 2.00 0.00	39.52 2.01 0.00	36.85 1.95 0.00	49.28 2.61 0.00	48.58 2.74 0.00	51.13 3.03 0.00	48.81 3.18 0.00	41.83 2.74 0.00	52.94 3.38 0.00	79.89 5.63 0.00	71.70 4.98 0.00	74.25 4.92 0.00	70.60 4.33 0.00	56.83 3.10 0.00	44.62 2.30 0.00	38.75 1.90 0.00
HUDSON_AVE_10 24168	34.80 2.34 0.00	31.06 1.99 0.00	30.55 1.82 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.47 1.87 0.00	33.98 1.79 0.00	40.53 1.95 0.00	38.95 1.88 0.00	39.39 1.88 0.00	36.70 1.79 0.00	49.10 2.42 0.00	48.37 2.52 0.00	50.91 2.82 0.00	48.61 2.98 0.00	41.66 2.56 0.00	52.71 3.16 0.00	79.56 5.29 0.00	71.42 4.69 0.00	73.94 4.61 0.00	70.33 4.06 0.00	56.60 2.87 0.00	44.47 2.15 0.00	38.61 1.75 0.00
HUDSON___115KV_TB 4 355613	33.66 1.21 0.00	30.12 1.05 0.00	29.71 0.98 0.00	29.66 0.96 0.00	29.82 0.95 0.00	32.61 1.01 0.00	33.01 0.82 0.00	39.05 0.47 0.00	37.93 0.85 0.00	37.74 0.23 0.00	34.93 0.03 0.00	46.66 -0.02 0.00	45.88 0.03 0.00	48.49 0.39 0.00	46.12 0.49 0.00	39.93 0.83 0.00	50.47 0.91 0.00	75.53 1.26 0.00	68.30 1.58 0.00	71.23 1.91 0.00	68.46 2.19 0.00	55.35 1.62 0.00	43.53 1.21 0.00	37.72 0.87 0.00
HUNTER MOUNT___DRP 323613	33.70 1.25 0.00	30.16 1.08 0.00	29.75 1.02 0.00	29.71 1.01 0.00	29.86 0.99 0.00	32.67 1.07 0.00	33.10 0.91 0.00	39.75 1.17 0.00	37.97 0.89 0.00	38.54 1.03 0.00	35.53 0.62 0.00	47.40 0.73 0.00	46.85 1.01 0.00	49.67 1.57 0.00	47.20 1.57 0.00	40.54 1.44 0.00	51.13 1.58 0.00	77.09 2.83 0.00	69.54 2.81 0.00	71.95 2.62 0.00	68.61 2.34 0.00	55.48 1.75 0.00	43.63 1.31 0.00	37.81 0.96 0.00
HUNTINGTON_RES_REC 323705	35.34 2.89 0.00	31.34 2.26 0.00	30.76 2.04 0.00	30.66 1.96 0.00	30.85 1.98 0.00	33.57 1.97 0.00	34.02 1.83 0.00	40.33 1.76 0.00	38.67 1.60 0.00	38.45 1.52 0.58	33.43 1.68 3.16	43.77 2.08 4.99	46.38 2.24 1.71	46.23 2.12 3.99	43.42 2.20 4.41	38.71 2.19 2.58	49.92 2.51 2.14	75.32 4.56 3.50	69.08 4.00 1.65	70.76 4.29 2.87	67.66 4.00 2.60	52.48 3.07 4.32	44.34 2.02 0.00	38.49 1.64 0.00
HUNTLEY___63 23557	31.31 -1.13 0.00	28.05 -1.02 0.00	27.82 -0.91 0.00	27.80 -0.90 0.00	27.81 -1.06 0.00	30.42 -1.18 0.00	30.86 -1.33 0.00	36.56 -2.02 0.00	35.47 -1.60 0.00	36.17 -1.34 0.00	33.77 -1.14 0.00	44.82 -1.85 0.00	43.94 -1.91 0.00	45.56 -2.54 0.00	42.53 -3.11 0.00	36.19 -2.90 0.00	45.48 -4.08 0.00	66.80 -7.47 0.00	59.95 -6.78 0.00	62.48 -6.84 0.00	60.33 -5.93 0.00	49.43 -4.31 0.00	39.20 -3.12 0.00	34.75 -2.10 0.00
HUNTLEY___64 23558	31.31 -1.13 0.00	28.05 -1.02 0.00	27.82 -0.91 0.00	27.80 -0.90 0.00	27.81 -1.06 0.00	30.42 -1.18 0.00	30.86 -1.33 0.00	36.56 -2.02 0.00	35.47 -1.60 0.00	36.17 -1.34 0.00	33.77 -1.14 0.00	44.82 -1.85 0.00	43.94 -1.91 0.00	45.56 -2.54 0.00	42.53 -3.11 0.00	36.19 -2.90 0.00	45.48 -4.08 0.00	66.80 -7.47 0.00	59.95 -6.78 0.00	62.48 -6.84 0.00	60.33 -5.93 0.00	49.43 -4.31 0.00	39.20 -3.12 0.00	34.75 -2.10 0.00
HUNTLEY___65 23559	31.31 -1.13 0.00	28.05 -1.02 0.00	27.82 -0.91 0.00	27.80 -0.90 0.00	27.81 -1.06 0.00	30.42 -1.18 0.00	30.86 -1.33 0.00	36.56 -2.02 0.00	35.47 -1.60 0.00	36.17 -1.34 0.00	33.77 -1.14 0.00	44.82 -1.85 0.00	43.94 -1.91 0.00	45.56 -2.54 0.00	42.53 -3.11 0.00	36.19 -2.90 0.00	45.48 -4.08 0.00	66.80 -7.47 0.00	59.95 -6.78 0.00	62.48 -6.84 0.00	60.33 -5.93 0.00	49.43 -4.31 0.00	39.20 -3.12 0.00	34.75 -2.10 0.00
HUNTLEY___66 23560	31.31 -1.13 0.00	28.05 -1.02 0.00	27.82 -0.91 0.00	27.80 -0.90 0.00	27.81 -1.06 0.00	30.42 -1.18 0.00	30.86 -1.33 0.00	36.56 -2.02 0.00	35.47 -1.60 0.00	36.17 -1.34 0.00	33.77 -1.14 0.00	44.82 -1.85 0.00	43.94 -1.91 0.00	45.56 -2.54 0.00	42.53 -3.11 0.00	36.19 -2.90 0.00	45.48 -4.08 0.00	66.80 -7.47 0.00	59.95 -6.78 0.00	62.48 -6.84 0.00	60.33 -5.93 0.00	49.43 -4.31 0.00	39.20 -3.12 0.00	34.75 -2.10 0.00
HUNTLEY___67 23561	31.19 -1.26 0.00	27.96 -1.12 0.00	27.74 -0.99 0.00	27.72 -0.97 0.00	27.74 -1.14 0.00	30.33 -1.26 0.00	30.78 -1.41 0.00	36.45 -2.12 0.00	35.35 -1.73 0.00	36.05 -1.46 0.00	33.71 -1.20 0.00	44.82 -1.86 0.00	43.94 -1.91 0.00	45.58 -2.52 0.00	42.57 -3.07 0.00	36.22 -2.88 0.00	45.54 -4.02 0.00	67.00 -7.27 0.00	60.13 -6.60 0.00	62.69 -6.64 0.00	60.30 -5.97 0.00	49.29 -4.44 0.00	39.05 -3.28 0.00	34.64 -2.21 0.00
HUNTLEY___68 23562	31.19 -1.26 0.00	27.96 -1.12 0.00	27.74 -0.99 0.00	27.72 -0.97 0.00	27.74 -1.14 0.00	30.33 -1.26 0.00	30.78 -1.41 0.00	36.45 -2.12 0.00	35.35 -1.73 0.00	36.05 -1.46 0.00	33.71 -1.20 0.00	44.82 -1.86 0.00	43.94 -1.91 0.00	45.58 -2.52 0.00	42.57 -3.07 0.00	36.22 -2.88 0.00	45.54 -4.02 0.00	67.00 -7.27 0.00	60.13 -6.60 0.00	62.69 -6.64 0.00	60.30 -5.97 0.00	49.29 -4.44 0.00	39.05 -3.28 0.00	34.64 -2.21 0.00

HYLAND___LFGE 323620	33.07 0.62 0.00	29.58 0.51 0.00	29.31 0.59 0.00	29.30 0.60 0.00	29.32 0.44 0.00	32.14 0.54 0.00	32.63 0.44 0.00	38.93 0.35 0.00	37.71 0.64 0.00	38.24 0.73 0.00	35.70 0.79 0.00	47.23 0.55 0.00	46.05 0.21 0.00	47.91 -0.19 0.00	44.65 -0.98 0.00	38.60 -0.49 0.00	48.94 -0.61 0.00	72.55 -1.71 0.00	65.52 -1.21 0.00	68.60 -0.73 0.00	66.11 -0.16 0.00	53.65 -0.08 0.00	42.15 -0.17 0.00	36.95 0.10 0.00
INDECK___CORINTH 23802	34.27 1.82 0.00	30.59 1.52 0.00	30.15 1.42 0.00	30.10 1.40 0.00	30.28 1.40 0.00	33.18 1.59 0.00	33.92 1.73 0.00	40.51 1.94 0.00	38.90 1.82 0.00	39.47 1.96 0.00	36.59 1.68 0.00	49.15 2.47 0.00	48.05 2.20 0.00	50.20 2.11 0.00	47.49 1.86 0.00	39.90 0.80 0.00	50.38 0.82 0.00	75.57 1.30 0.00	67.86 1.13 0.00	70.29 0.96 0.00	67.19 0.92 0.00	54.32 0.59 0.00	42.86 0.54 0.00	38.24 1.38 0.00
INDECK___ILION 23567	32.43 -0.02 0.00	29.02 -0.05 0.00	28.63 -0.10 0.00	28.61 -0.10 0.00	28.79 -0.09 0.00	31.49 -0.10 0.00	31.90 -0.30 0.00	38.13 -0.45 0.00	36.65 -0.42 0.00	37.02 -0.48 0.00	34.34 -0.57 0.00	46.10 -0.57 0.00	45.28 -0.57 0.00	47.57 -0.53 0.00	45.19 -0.44 0.00	38.62 -0.47 0.00	49.06 -0.49 0.00	73.90 -0.36 0.00	66.45 -0.28 0.00	69.05 -0.28 0.00	65.95 -0.33 0.00	53.38 -0.35 0.00	41.99 -0.34 0.00	36.49 -0.37 0.00
INDECK___OLEAN 23982	32.11 -0.35 0.00	28.76 -0.31 0.00	28.56 -0.16 0.00	28.61 -0.09 0.00	28.66 -0.21 0.00	31.36 -0.24 0.00	31.79 -0.40 0.00	37.72 -0.86 0.00	36.50 -0.58 0.00	37.23 -0.28 0.00	34.85 -0.06 0.00	46.27 -0.40 0.00	45.28 -0.57 0.00	46.93 -1.16 0.00	43.95 -1.69 0.00	37.46 -1.64 0.00	47.26 -2.29 0.00	70.14 -4.12 0.00	62.69 -4.04 0.00	65.33 -4.00 0.00	62.46 -3.81 0.00	50.54 -3.19 0.00	39.84 -2.48 0.00	35.35 -1.50 0.00
INDECK___OSWEGO 23783	31.60 -0.85 0.00	28.39 -0.68 0.00	28.06 -0.67 0.00	28.05 -0.65 0.00	28.20 -0.68 0.00	30.84 -0.75 0.00	31.27 -0.92 0.00	37.27 -1.31 0.00	35.89 -1.18 0.00	36.38 -1.13 0.00	33.87 -1.03 0.00	45.22 -1.45 0.00	44.37 -1.48 0.00	46.48 -1.62 0.00	44.03 -1.61 0.00	37.70 -1.40 0.00	47.80 -1.75 0.00	71.46 -2.81 0.00	64.27 -2.45 0.00	66.81 -2.52 0.00	63.93 -2.34 0.00	51.80 -1.93 0.00	40.77 -1.55 0.00	35.55 -1.30 0.00
INDECK___YERKES 23781	31.35 -1.10 0.00	28.08 -0.99 0.00	27.85 -0.88 0.00	27.82 -0.87 0.00	27.83 -1.05 0.00	30.43 -1.16 0.00	30.88 -1.31 0.00	36.59 -1.98 0.00	35.50 -1.57 0.00	36.19 -1.31 0.00	33.76 -1.14 0.00	44.82 -1.86 0.00	43.93 -1.92 0.00	45.54 -2.56 0.00	42.52 -3.12 0.00	36.16 -2.93 0.00	45.44 -4.12 0.00	66.77 -7.49 0.00	59.92 -6.80 0.00	62.46 -6.87 0.00	60.34 -5.93 0.00	49.46 -4.28 0.00	39.23 -3.09 0.00	34.78 -2.07 0.00
INDIAN POINT_GT_1 24139	34.58 2.13 0.00	30.85 1.78 0.00	30.37 1.64 0.00	30.32 1.63 0.00	30.53 1.66 0.00	33.27 1.67 0.00	33.76 1.57 0.00	40.30 1.72 0.00	38.70 1.62 0.00	39.10 1.60 0.00	36.45 1.55 0.00	48.77 2.10 0.00	48.10 2.25 0.00	50.65 2.55 0.00	48.33 2.70 0.00	41.42 2.33 0.00	52.50 2.95 0.00	79.15 4.88 0.00	71.05 4.33 0.00	73.61 4.28 0.00	70.06 3.80 0.00	56.41 2.68 0.00	44.30 1.98 0.00	38.47 1.62 0.00
INDIAN POINT_GT_2 23659	34.58 2.13 0.00	30.85 1.78 0.00	30.37 1.64 0.00	30.32 1.63 0.00	30.53 1.66 0.00	33.27 1.67 0.00	33.76 1.57 0.00	40.30 1.72 0.00	38.70 1.62 0.00	39.10 1.60 0.00	36.45 1.55 0.00	48.77 2.10 0.00	48.10 2.25 0.00	50.65 2.55 0.00	48.33 2.70 0.00	41.42 2.33 0.00	52.50 2.95 0.00	79.15 4.88 0.00	71.05 4.33 0.00	73.61 4.28 0.00	70.06 3.80 0.00	56.41 2.68 0.00	44.30 1.98 0.00	38.47 1.62 0.00
INDIAN POINT_GT_3 24019	34.58 2.13 0.00	30.85 1.78 0.00	30.37 1.64 0.00	30.32 1.63 0.00	30.53 1.66 0.00	33.27 1.67 0.00	33.76 1.57 0.00	40.30 1.72 0.00	38.70 1.62 0.00	39.10 1.60 0.00	36.45 1.55 0.00	48.77 2.10 0.00	48.10 2.25 0.00	50.65 2.55 0.00	48.33 2.70 0.00	41.42 2.33 0.00	52.50 2.95 0.00	79.15 4.88 0.00	71.05 4.33 0.00	73.61 4.28 0.00	70.06 3.80 0.00	56.41 2.68 0.00	44.30 1.98 0.00	38.47 1.62 0.00
INDIAN POINT___2 23530	34.57 2.12 0.00	30.85 1.77 0.00	30.35 1.62 0.00	30.31 1.61 0.00	30.52 1.65 0.00	33.26 1.67 0.00	33.76 1.57 0.00	40.28 1.71 0.00	38.69 1.61 0.00	39.10 1.59 0.00	36.47 1.56 0.00	48.77 2.09 0.00	48.11 2.26 0.00	50.67 2.57 0.00	48.34 2.70 0.00	41.42 2.32 0.00	52.49 2.94 0.00	79.13 4.87 0.00	71.04 4.31 0.00	73.60 4.27 0.00	70.02 3.76 0.00	56.37 2.64 0.00	44.28 1.95 0.00	38.46 1.61 0.00
INDIAN POINT___3 23531	34.55 2.10 0.00	30.84 1.77 0.00	30.34 1.62 0.00	30.31 1.61 0.00	30.52 1.64 0.00	33.25 1.66 0.00	33.75 1.56 0.00	40.27 1.70 0.00	38.68 1.60 0.00	39.08 1.58 0.00	36.44 1.53 0.00	48.75 2.07 0.00	48.07 2.22 0.00	50.64 2.55 0.00	48.30 2.66 0.00	41.39 2.29 0.00	52.47 2.91 0.00	79.09 4.82 0.00	71.00 4.28 0.00	73.57 4.24 0.00	70.01 3.74 0.00	56.37 2.64 0.00	44.27 1.95 0.00	38.46 1.61 0.00
INGHAM_C_115KV_TB7 356103	32.19 -0.26 0.00	28.79 -0.28 0.00	28.34 -0.39 0.00	28.31 -0.39 0.00	28.49 -0.38 0.00	31.17 -0.42 0.00	31.39 -0.80 0.00	37.50 -1.08 0.00	36.04 -1.04 0.00	36.31 -1.20 0.00	33.48 -1.43 0.00	45.25 -1.42 0.00	44.44 -1.41 0.00	46.74 -1.36 0.00	44.50 -1.13 0.00	37.91 -1.19 0.00	48.27 -1.29 0.00	73.21 -1.05 0.00	65.92 -0.80 0.00	68.55 -0.78 0.00	65.40 -0.87 0.00	52.83 -0.90 0.00	41.50 -0.82 0.00	35.98 -0.87 0.00
IP CORINTH___1 23988	34.27 1.82 0.00	30.59 1.52 0.00	30.15 1.42 0.00	30.10 1.40 0.00	30.28 1.40 0.00	33.19 1.59 0.00	33.92 1.73 0.00	40.51 1.94 0.00	38.90 1.82 0.00	39.47 1.96 0.00	36.59 1.68 0.00	49.16 2.48 0.00	48.09 2.25 0.00	50.32 2.23 0.00	47.63 2.00 0.00	40.10 1.00 0.00	50.65 1.10 0.00	75.99 1.72 0.00	68.22 1.50 0.00	70.67 1.34 0.00	67.56 1.29 0.00	54.61 0.88 0.00	43.06 0.74 0.00	38.26 1.41 0.00
IP___TICONDEROGA 23804	35.37 2.92 0.00	31.47 2.40 0.00	30.96 2.24 0.00	30.90 2.20 0.00	31.16 2.29 0.00	34.27 2.67 0.00	34.79 2.60 0.00	41.40 2.82 0.00	39.60 2.52 0.00	40.60 3.09 0.00	37.55 2.64 0.00	50.59 3.92 0.00	49.32 3.48 0.00	52.24 4.14 0.00	49.80 4.17 0.00	41.86 2.77 0.00	52.81 3.26 0.00	78.67 4.41 0.00	70.17 3.45 0.00	72.72 3.39 0.00	69.59 3.33 0.00	56.27 2.53 0.00	44.29 1.97 0.00	39.05 2.21 0.00
ISLIP_RES_REC 323679	35.74 3.30 0.00	31.66 2.59 0.00	31.08 2.36 0.00	30.96 2.26 0.00	31.17 2.29 0.00	33.91 2.31 0.00	34.38 2.19 0.00	40.73 2.15 0.00	39.04 1.96 0.00	38.82 1.86 0.55	33.81 1.91 3.00	44.26 2.30 4.72	46.78 2.56 1.62	46.63 2.34 3.80	43.86 2.43 4.20	39.06 2.42 2.46	50.25 2.73 2.04	76.00 5.07 3.34	69.66 4.50 1.57	71.48 4.88 2.73	68.41 4.62 2.48	53.27 3.65 4.11	44.80 2.49 0.00	38.89 2.04 0.00

JAMAICA__27_KV_LOAD 355505	34.76 2.31 0.00	31.04 1.97 0.00	30.56 1.83 0.00	30.70 1.99 0.00	30.84 1.97 0.00	33.57 1.98 0.00	34.08 1.89 0.00	40.60 2.02 0.00	39.02 1.94 0.00	39.43 1.92 0.00	36.65 1.74 0.00	49.09 2.42 0.00	48.24 2.40 0.00	50.74 2.65 0.00	48.47 2.84 0.00	41.57 2.47 0.00	52.56 3.01 0.00	79.38 5.11 0.00	71.28 4.56 0.00	73.81 4.48 0.00	70.26 3.99 0.00	56.54 2.81 0.00	44.48 2.16 0.00	38.56 1.71 0.00
JANIS__SOLAR 323808	33.50 1.05 0.00	30.02 0.95 0.00	29.63 0.90 0.00	29.64 0.94 0.00	29.80 0.93 0.00	32.63 1.04 0.00	33.13 0.94 0.00	39.56 0.98 0.00	38.24 1.16 0.00	38.84 1.33 0.00	36.14 1.23 0.00	48.11 1.44 0.00	47.09 1.24 0.00	49.02 0.92 0.00	46.50 0.87 0.00	39.76 0.67 0.00	50.50 0.94 0.00	76.13 1.87 0.00	68.51 1.79 0.00	71.35 2.02 0.00	68.25 1.98 0.00	55.18 1.45 0.00	43.35 1.03 0.00	37.78 0.93 0.00
JARVIS____ 23743	32.48 0.03 0.00	29.10 0.03 0.00	28.75 0.02 0.00	28.73 0.03 0.00	28.89 0.02 0.00	31.59 0.00 0.00	32.12 -0.07 0.00	38.42 -0.16 0.00	36.93 -0.15 0.00	37.32 -0.18 0.00	34.74 -0.17 0.00	46.46 -0.22 0.00	45.64 -0.21 0.00	47.93 -0.17 0.00	45.48 -0.15 0.00	38.94 -0.15 0.00	49.41 -0.15 0.00	74.04 -0.22 0.00	66.53 -0.20 0.00	69.12 -0.21 0.00	66.05 -0.22 0.00	53.53 -0.20 0.00	42.16 -0.16 0.00	36.71 -0.14 0.00
JENNISON____1 23625	33.64 1.19 0.00	30.10 1.03 0.00	29.61 0.89 0.00	29.66 0.96 0.00	29.91 1.04 0.00	32.79 1.19 0.00	33.27 1.08 0.00	39.75 1.17 0.00	38.45 1.37 0.00	39.02 1.51 0.00	36.34 1.43 0.00	48.52 1.85 0.00	47.55 1.71 0.00	49.65 1.56 0.00	46.90 1.27 0.00	40.06 0.96 0.00	50.98 1.43 0.00	76.68 2.42 0.00	68.67 1.94 0.00	71.55 2.22 0.00	68.38 2.11 0.00	55.34 1.61 0.00	43.51 1.19 0.00	37.94 1.09 0.00
JENNISON____2 23626	33.64 1.19 0.00	30.10 1.03 0.00	29.61 0.89 0.00	29.66 0.96 0.00	29.91 1.04 0.00	32.79 1.19 0.00	33.27 1.08 0.00	39.75 1.17 0.00	38.45 1.37 0.00	39.02 1.51 0.00	36.34 1.43 0.00	48.52 1.85 0.00	47.55 1.71 0.00	49.65 1.56 0.00	46.90 1.27 0.00	40.06 0.96 0.00	50.98 1.43 0.00	76.68 2.42 0.00	68.67 1.94 0.00	71.55 2.22 0.00	68.38 2.11 0.00	55.34 1.61 0.00	43.51 1.19 0.00	37.94 1.09 0.00
JERICOHO_RISE_WT_PWR 323719	31.83 -0.62 0.00	28.68 -0.40 0.00	28.45 -0.28 0.00	28.44 -0.26 0.00	28.66 -0.21 0.00	31.53 -0.06 0.00	32.47 0.28 0.00	39.30 0.72 0.00	37.75 0.67 0.00	38.22 0.71 0.00	35.64 0.73 0.00	47.67 0.99 0.00	46.73 0.89 0.00	48.74 0.64 0.00	46.20 0.57 0.00	39.69 0.59 0.00	50.21 0.66 0.00	75.31 1.05 0.00	67.71 0.98 0.00	70.50 1.17 0.00	67.49 1.22 0.00	55.08 1.35 0.00	43.53 1.21 0.00	37.82 0.97 0.00
KATONAH__115KV_46KV_TB4 355592	34.63 2.18 0.00	30.92 1.85 0.00	30.48 1.75 0.00	30.41 1.71 0.00	30.60 1.73 0.00	33.36 1.77 0.00	33.85 1.66 0.00	40.41 1.84 0.00	38.83 1.75 0.00	39.23 1.73 0.00	36.58 1.67 0.00	48.96 2.29 0.00	48.28 2.43 0.00	50.84 2.74 0.00	48.51 2.87 0.00	41.58 2.48 0.00	52.71 3.15 0.00	79.45 5.19 0.00	71.34 4.62 0.00	73.88 4.55 0.00	70.34 4.07 0.00	56.67 2.93 0.00	44.50 2.18 0.00	38.62 1.76 0.00
KCE_NY_1 323755	34.13 1.68 0.00	30.47 1.40 0.00	30.05 1.32 0.00	30.00 1.29 0.00	30.17 1.30 0.00	33.04 1.45 0.00	33.65 1.46 0.00	40.21 1.64 0.00	38.54 1.47 0.00	39.02 1.51 0.00	36.15 1.24 0.00	48.56 1.88 0.00	47.64 1.80 0.00	50.08 1.99 0.00	47.49 1.86 0.00	40.40 1.31 0.00	51.29 1.74 0.00	77.05 2.78 0.00	69.21 2.49 0.00	71.75 2.43 0.00	68.55 2.29 0.00	55.38 1.65 0.00	43.64 1.32 0.00	38.22 1.37 0.00
KCE_NY_6_ESR 323823	31.54 -0.91 0.00	28.23 -0.84 0.00	28.01 -0.71 0.00	28.01 -0.69 0.00	28.01 -0.86 0.00	30.64 -0.95 0.00	31.10 -1.09 0.00	36.87 -1.71 0.00	35.73 -1.35 0.00	36.46 -1.05 0.00	34.08 -0.82 0.00	45.36 -1.31 0.00	44.47 -1.37 0.00	46.12 -1.97 0.00	43.10 -2.53 0.00	36.73 -2.37 0.00	46.17 -3.38 0.00	67.99 -6.27 0.00	61.04 -5.69 0.00	63.65 -5.68 0.00	61.16 -5.11 0.00	49.88 -3.85 0.00	39.45 -2.87 0.00	34.96 -1.89 0.00
KEDC_PORT_JEFF_GT2 24210	35.59 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.03 2.16 0.00	33.75 2.16 0.00	34.22 2.03 0.00	40.54 1.97 0.00	38.87 1.79 0.00	38.62 1.71 0.60	33.46 1.79 3.24	43.72 2.16 5.12	46.47 2.38 1.75	46.23 2.22 4.09	43.39 2.28 4.52	38.73 2.28 2.64	49.93 2.57 2.19	75.22 4.54 3.59	69.03 3.99 1.69	70.71 4.32 2.94	67.71 4.11 2.67	52.65 3.34 4.43	44.57 2.25 0.00	38.70 1.85 0.00
KEDC_PORT_JEFF_GT3 24211	35.59 3.14 0.00	31.53 2.46 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.03 2.16 0.00	33.75 2.16 0.00	34.22 2.03 0.00	40.54 1.97 0.00	38.87 1.79 0.00	38.62 1.71 0.60	33.46 1.79 3.24	43.72 2.16 5.12	46.47 2.38 1.75	46.23 2.22 4.09	43.39 2.28 4.52	38.73 2.28 2.64	49.93 2.57 2.19	75.22 4.54 3.59	69.03 3.99 1.69	70.71 4.32 2.94	67.71 4.11 2.67	52.65 3.34 4.43	44.57 2.25 0.00	38.70 1.85 0.00
KEDC_GLWD_GT4 24219	35.09 2.63 -0.01	31.22 2.15 0.00	30.68 1.95 0.00	30.61 1.91 0.00	30.81 1.94 0.00	33.57 1.97 0.00	34.04 1.85 0.00	40.51 1.93 0.00	38.93 1.85 0.00	40.53 1.83 -1.19	43.33 1.94 -6.49	61.26 2.59 -12.00	52.04 2.69 -3.50	59.20 2.90 -8.20	57.72 3.02 -9.07	47.07 2.67 -5.30	57.05 3.10 -4.40	86.71 5.24 -7.21	74.69 4.57 -3.39	79.88 4.66 -5.90	75.77 4.15 -5.35	65.67 3.05 -8.88	44.57 2.25 0.00	38.72 1.87 0.00
KEDC_GLWD_GT5 24220	35.09 2.63 -0.01	31.22 2.15 0.00	30.68 1.95 0.00	30.61 1.91 0.00	30.81 1.94 0.00	33.57 1.97 0.00	34.04 1.85 0.00	40.51 1.93 0.00	38.93 1.85 0.00	40.53 1.83 -1.19	43.33 1.94 -6.49	61.26 2.59 -12.00	52.04 2.69 -3.50	59.20 2.90 -8.20	57.72 3.02 -9.07	47.07 2.67 -5.30	57.05 3.10 -4.40	86.71 5.24 -7.21	74.69 4.57 -3.39	79.88 4.66 -5.90	75.77 4.15 -5.35	65.67 3.05 -8.88	44.57 2.25 0.00	38.72 1.87 0.00
KENSICO____ 23655	34.69 2.24 0.00	30.96 1.89 0.00	30.45 1.72 0.00	30.40 1.70 0.00	30.60 1.73 0.00	33.34 1.75 0.00	33.84 1.65 0.00	40.38 1.80 0.00	38.79 1.71 0.00	39.20 1.70 0.00	36.55 1.64 0.00	48.90 2.23 0.00	48.21 2.36 0.00	50.76 2.66 0.00	48.43 2.79 0.00	41.51 2.41 0.00	52.61 3.05 0.00	79.32 5.05 0.00	71.21 4.48 0.00	73.76 4.43 0.00	70.20 3.94 0.00	56.53 2.80 0.00	44.40 2.08 0.00	38.56 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.81 2.36 0.00	31.05 1.98 0.00	30.57 1.85 0.00	30.55 1.85 0.00	30.78 1.91 0.00	33.56 1.96 0.00	34.09 1.90 0.00	40.65 2.08 0.00	39.01 1.93 0.00	39.27 1.77 0.00	36.55 1.64 0.00	48.94 2.27 0.00	48.39 2.55 0.00	51.08 2.99 0.00	48.93 3.29 0.00	41.48 2.39 0.00	52.68 3.12 0.00	79.68 5.41 0.00	71.71 4.99 0.00	74.51 5.19 0.00	71.03 4.76 0.00	57.23 3.50 0.00	44.90 2.58 0.00	38.94 2.08 0.00

KIAC_JFK_GT1 23816	34.55 2.10 0.00	30.89 1.82 0.00	30.41 1.69 0.00	30.54 1.84 0.00	30.70 1.83 0.00	33.41 1.82 0.00	33.91 1.72 0.00	40.35 1.78 0.00	38.82 1.74 0.00	39.22 1.72 0.00	36.46 1.55 0.00	48.82 2.14 0.00	48.00 2.16 0.00	50.49 2.40 0.00	48.19 2.55 0.00	41.32 2.23 0.00	52.24 2.69 0.00	78.90 4.63 0.00	70.85 4.13 0.00	73.35 4.02 0.00	69.80 3.53 0.00	56.16 2.43 0.00	44.20 1.88 0.00	38.31 1.45 0.00
KIAC_JFK_GT2 23817	34.55 2.10 0.00	30.89 1.82 0.00	30.41 1.69 0.00	30.54 1.84 0.00	30.70 1.83 0.00	33.41 1.82 0.00	33.91 1.72 0.00	40.35 1.78 0.00	38.82 1.74 0.00	39.22 1.72 0.00	36.46 1.55 0.00	48.82 2.14 0.00	48.00 2.16 0.00	50.49 2.40 0.00	48.19 2.55 0.00	41.32 2.23 0.00	52.24 2.69 0.00	78.90 4.63 0.00	70.85 4.13 0.00	73.35 4.02 0.00	69.80 3.53 0.00	56.16 2.43 0.00	44.20 1.88 0.00	38.31 1.45 0.00
KIAC_JFK____ 323774	34.55 2.10 0.00	30.89 1.82 0.00	30.41 1.69 0.00	30.54 1.84 0.00	30.70 1.82 0.00	33.41 1.82 0.00	33.91 1.71 0.00	40.35 1.78 0.00	38.82 1.74 0.00	39.22 1.72 0.00	36.46 1.55 0.00	48.81 2.14 0.00	48.00 2.16 0.00	50.49 2.40 0.00	48.19 2.55 0.00	41.32 2.23 0.00	52.24 2.69 0.00	78.90 4.64 0.00	70.85 4.13 0.00	73.35 4.02 0.00	69.80 3.53 0.00	56.16 2.43 0.00	44.20 1.88 0.00	38.30 1.45 0.00
KINTIGH__24_KV_GSU 356498	31.34 -1.11 0.00	28.10 -0.97 0.00	27.86 -0.87 0.00	27.86 -0.84 0.00	27.91 -0.97 0.00	30.52 -1.07 0.00	30.98 -1.21 0.00	36.71 -1.87 0.00	35.56 -1.52 0.00	36.23 -1.28 0.00	33.84 -1.07 0.00	45.01 -1.67 0.00	44.13 -1.71 0.00	45.83 -2.26 0.00	42.91 -2.72 0.00	36.51 -2.59 0.00	45.98 -3.58 0.00	67.88 -6.39 0.00	60.93 -5.80 0.00	63.48 -5.85 0.00	61.03 -5.24 0.00	49.83 -3.90 0.00	39.42 -2.90 0.00	34.88 -1.97 0.00
KINTIGH____ 23543	31.31 -1.14 0.00	28.07 -1.00 0.00	27.83 -0.90 0.00	27.83 -0.87 0.00	27.88 -1.00 0.00	30.49 -1.10 0.00	30.95 -1.24 0.00	36.68 -1.90 0.00	35.53 -1.55 0.00	36.20 -1.31 0.00	33.81 -1.10 0.00	44.96 -1.71 0.00	44.09 -1.75 0.00	45.79 -2.30 0.00	42.87 -2.76 0.00	36.48 -2.62 0.00	45.93 -3.63 0.00	67.82 -6.45 0.00	60.88 -5.84 0.00	63.42 -5.91 0.00	60.98 -5.29 0.00	49.79 -3.95 0.00	39.39 -2.93 0.00	34.86 -1.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.21 -0.25 0.00	29.06 -0.01 0.00	28.75 0.03 0.00	28.76 0.06 0.00	28.98 0.11 0.00	31.91 0.31 0.00	32.79 0.60 0.00	39.62 1.05 0.00	38.11 1.03 0.00	38.57 1.06 0.00	36.02 1.11 0.00	48.22 1.55 0.00	47.31 1.47 0.00	49.28 1.19 0.00	46.67 1.03 0.00	40.07 0.98 0.00	50.79 1.23 0.00	76.12 1.86 0.00	68.52 1.80 0.00	71.30 1.98 0.00	68.24 1.97 0.00	55.66 1.93 0.00	44.04 1.72 0.00	38.17 1.32 0.00
LACHUTE____HYDRO 323717	35.37 2.92 0.00	31.47 2.40 0.00	30.96 2.24 0.00	30.90 2.20 0.00	31.16 2.29 0.00	34.27 2.67 0.00	34.79 2.60 0.00	41.40 2.82 0.00	39.60 2.52 0.00	40.60 3.09 0.00	37.55 2.64 0.00	50.59 3.91 0.00	49.32 3.48 0.00	52.24 4.14 0.00	49.80 4.17 0.00	41.86 2.76 0.00	52.81 3.26 0.00	78.67 4.41 0.00	70.17 3.44 0.00	72.71 3.38 0.00	69.59 3.33 0.00	56.27 2.53 0.00	44.29 1.97 0.00	39.05 2.20 0.00
LAWRNCV_115KV_TB1 80681	31.38 -1.07 0.00	28.21 -0.86 0.00	27.96 -0.77 0.00	27.93 -0.76 0.00	28.14 -0.74 0.00	30.90 -0.69 0.00	31.90 -0.29 0.00	38.86 0.28 0.00	37.28 0.20 0.00	37.78 0.27 0.00	35.16 0.25 0.00	46.87 0.20 0.00	45.92 0.07 0.00	47.90 -0.20 0.00	45.43 -0.20 0.00	38.96 -0.13 0.00	48.96 -0.60 0.00	73.60 -0.67 0.00	66.29 -0.44 0.00	69.19 -0.14 0.00	66.36 0.10 0.00	54.17 0.44 0.00	42.96 0.64 0.00	37.37 0.52 0.00
LEDERLE____ 23769	34.73 2.28 0.00	30.99 1.92 0.00	30.49 1.76 0.00	30.46 1.76 0.00	30.68 1.80 0.00	33.43 1.84 0.00	33.94 1.75 0.00	40.51 1.93 0.00	38.90 1.82 0.00	39.33 1.82 0.00	36.70 1.80 0.00	49.12 2.44 0.00	48.47 2.63 0.00	51.07 2.97 0.00	48.71 3.07 0.00	41.73 2.63 0.00	52.91 3.36 0.00	79.72 5.46 0.00	71.55 4.82 0.00	74.13 4.81 0.00	70.54 4.27 0.00	56.74 3.00 0.00	44.55 2.23 0.00	38.69 1.84 0.00
LIGHTHSE_115KV_TB6 355974	31.88 -0.57 0.00	28.68 -0.39 0.00	28.34 -0.39 0.00	28.35 -0.35 0.00	28.51 -0.36 0.00	31.20 -0.39 0.00	31.65 -0.54 0.00	37.84 -0.73 0.00	36.48 -0.60 0.00	37.07 -0.44 0.00	34.47 -0.43 0.00	45.96 -0.72 0.00	45.07 -0.77 0.00	47.19 -0.91 0.00	44.62 -1.01 0.00	38.19 -0.91 0.00	48.45 -1.11 0.00	72.48 -1.79 0.00	65.36 -1.37 0.00	68.01 -1.32 0.00	65.22 -1.05 0.00	52.71 -1.02 0.00	41.46 -0.86 0.00	36.09 -0.76 0.00
LINDEN COGEN____ 23786	33.12 2.28 1.61	30.99 1.92 0.00	30.48 1.75 0.00	30.46 1.76 0.00	30.64 1.77 0.00	33.36 1.76 0.00	33.87 1.68 0.00	40.41 1.83 0.00	38.84 1.76 0.00	39.28 1.77 0.00	36.65 1.74 0.00	48.96 2.28 0.00	48.26 2.42 0.00	50.83 2.74 0.00	48.53 2.90 0.00	33.22 2.51 8.38	45.91 3.09 6.73	79.47 5.21 0.00	71.32 4.60 0.00	60.80 4.54 13.06	57.11 3.99 13.14	45.21 2.73 11.25	35.77 1.99 8.55	34.13 1.65 4.37
LINDHRST_69_KV_BK1 356055	35.52 3.06 0.00	31.49 2.42 0.00	30.91 2.19 0.00	30.80 2.11 0.00	31.02 2.14 0.00	33.78 2.19 0.00	34.23 2.03 0.00	40.58 2.00 0.00	38.94 1.86 0.00	39.28 1.78 0.00	36.80 1.90 0.00	49.68 2.49 -0.52	48.47 2.63 0.00	50.54 2.45 0.00	48.18 2.54 0.00	41.48 2.39 0.00	52.30 2.74 0.00	79.12 4.86 0.00	70.94 4.22 0.00	73.83 4.51 0.00	70.45 4.18 0.00	56.95 3.22 0.00	44.53 2.21 0.00	38.74 1.89 0.00
LIPA_MISC_IPP 23656	35.52 3.07 0.00	31.40 2.33 0.00	30.83 2.10 0.00	30.71 2.01 0.00	30.92 2.04 0.00	33.63 2.03 0.00	34.10 1.91 0.00	40.39 1.82 0.00	38.68 1.60 0.00	38.38 1.49 0.61	33.12 1.55 3.34	43.21 1.84 5.30	46.15 2.11 1.80	45.78 1.90 4.22	42.92 1.94 4.66	38.36 1.99 2.73	49.51 2.22 2.26	74.90 4.33 3.71	68.85 3.87 1.74	70.58 4.28 3.03	67.59 4.08 2.76	52.39 3.22 4.57	44.47 2.15 0.00	38.60 1.75 0.00
LISF____SOLAR 323691	35.58 3.13 0.00	31.45 2.38 0.00	30.88 2.16 0.00	30.76 2.06 0.00	30.96 2.09 0.00	33.67 2.08 0.00	34.14 1.95 0.00	40.44 1.87 0.00	38.73 1.65 0.00	38.41 1.50 0.61	33.17 1.56 3.30	43.29 1.84 5.23	46.22 2.16 1.78	45.86 1.93 4.17	42.97 1.94 4.61	38.40 2.00 2.69	49.58 2.26 2.23	75.03 4.42 3.66	68.97 3.96 1.72	70.75 4.42 3.00	67.75 4.20 2.72	52.53 3.31 4.51	44.55 2.22 0.00	38.65 1.80 0.00
LITTLE FALLS____HYD 24013	32.19 -0.26 0.00	28.79 -0.28 0.00	28.34 -0.39 0.00	28.31 -0.39 0.00	28.49 -0.38 0.00	31.17 -0.42 0.00	31.39 -0.80 0.00	37.50 -1.08 0.00	36.04 -1.04 0.00	36.31 -1.20 0.00	33.48 -1.43 0.00	45.25 -1.42 0.00	44.44 -1.41 0.00	46.74 -1.36 0.00	44.50 -1.13 0.00	37.91 -1.19 0.00	48.27 -1.29 0.00	73.21 -1.05 0.00	65.92 -0.80 0.00	68.55 -0.78 0.00	65.40 -0.87 0.00	52.83 -0.90 0.00	41.50 -0.82 0.00	35.98 -0.87 0.00

LITTLRIV_115KV_TB1 356100	31.81 -0.64 0.00	28.58 -0.49 0.00	28.32 -0.40 0.00	28.30 -0.40 0.00	28.50 -0.38 0.00	31.32 -0.27 0.00	32.37 0.18 0.00	39.43 0.85 0.00	37.82 0.75 0.00	38.28 0.77 0.00	35.61 0.70 0.00	47.33 0.66 0.00	46.27 0.43 0.00	48.26 0.16 0.00	45.80 0.16 0.00	39.18 0.08 0.00	49.29 -0.27 0.00	74.27 0.01 0.00	66.99 0.27 0.00	70.17 0.84 0.00	67.44 1.17 0.00	55.06 1.32 0.00	43.62 1.30 0.00	37.93 1.07 0.00
LI_NEWBRDGE___DRP 323616	34.98 2.54 0.01	31.05 1.98 0.00	30.50 1.77 0.00	30.43 1.73 0.00	30.64 1.76 0.00	33.37 1.78 0.00	33.82 1.63 0.00	40.14 1.56 0.00	38.55 1.47 0.00	37.93 1.43 1.00	31.06 1.60 5.45	39.77 2.08 8.98	45.06 2.16 2.94	43.42 2.21 6.89	40.37 2.35 7.62	36.81 2.16 4.45	48.35 2.49 3.70	72.66 4.45 6.05	67.68 3.80 2.84	68.42 4.04 4.95	65.42 3.64 4.50	48.96 2.69 7.46	44.08 1.76 0.00	38.31 1.46 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.17 -1.28 0.00	27.94 -1.13 0.00	27.71 -1.02 0.00	27.69 -1.01 0.00	27.70 -1.17 0.00	30.30 -1.29 0.00	30.76 -1.43 0.00	36.41 -2.17 0.00	35.33 -1.74 0.00	36.03 -1.48 0.00	33.67 -1.24 0.00	44.70 -1.97 0.00	43.84 -2.01 0.00	45.44 -2.66 0.00	42.42 -3.21 0.00	36.10 -3.00 0.00	45.34 -4.22 0.00	66.43 -7.84 0.00	59.63 -7.10 0.00	62.15 -7.18 0.00	59.93 -6.34 0.00	49.13 -4.60 0.00	39.05 -3.28 0.00	34.64 -2.21 0.00
LOCKPORT___CC1 323769	31.15 -1.30 0.00	27.92 -1.15 0.00	27.70 -1.03 0.00	27.69 -1.02 0.00	27.70 -1.18 0.00	30.30 -1.29 0.00	30.74 -1.45 0.00	36.40 -2.18 0.00	35.31 -1.76 0.00	36.01 -1.49 0.00	33.65 -1.26 0.00	44.71 -1.96 0.00	43.83 -2.01 0.00	45.41 -2.68 0.00	42.42 -3.22 0.00	36.07 -3.03 0.00	45.31 -4.25 0.00	66.48 -7.79 0.00	59.67 -7.05 0.00	62.19 -7.14 0.00	59.94 -6.33 0.00	49.13 -4.60 0.00	39.01 -3.31 0.00	34.61 -2.24 0.00
LOCKPORT___CC2 323770	31.15 -1.30 0.00	27.92 -1.15 0.00	27.70 -1.03 0.00	27.69 -1.02 0.00	27.70 -1.18 0.00	30.30 -1.29 0.00	30.74 -1.45 0.00	36.40 -2.18 0.00	35.31 -1.76 0.00	36.01 -1.49 0.00	33.65 -1.26 0.00	44.71 -1.96 0.00	43.83 -2.01 0.00	45.41 -2.68 0.00	42.42 -3.22 0.00	36.07 -3.03 0.00	45.31 -4.25 0.00	66.48 -7.79 0.00	59.67 -7.05 0.00	62.19 -7.14 0.00	59.94 -6.33 0.00	49.13 -4.60 0.00	39.01 -3.31 0.00	34.61 -2.24 0.00
LOCKPORT___CC3 323771	31.15 -1.30 0.00	27.92 -1.15 0.00	27.70 -1.03 0.00	27.69 -1.02 0.00	27.70 -1.18 0.00	30.30 -1.29 0.00	30.74 -1.45 0.00	36.40 -2.18 0.00	35.31 -1.76 0.00	36.01 -1.49 0.00	33.65 -1.26 0.00	44.71 -1.96 0.00	43.83 -2.01 0.00	45.41 -2.68 0.00	42.42 -3.22 0.00	36.07 -3.03 0.00	45.31 -4.25 0.00	66.48 -7.79 0.00	59.67 -7.05 0.00	62.19 -7.14 0.00	59.94 -6.33 0.00	49.13 -4.60 0.00	39.01 -3.31 0.00	34.61 -2.24 0.00
LOCUSVLY_69_KV_BK2 55797	35.24 2.79 -0.01	31.31 2.24 0.00	30.75 2.03 0.00	30.67 1.97 0.00	30.88 2.00 0.00	33.64 2.04 0.00	34.10 1.90 0.00	40.53 1.95 0.00	38.95 1.87 0.00	40.13 1.84 -0.78	41.12 1.98 -4.23	57.33 2.65 -8.01	50.86 2.74 -2.29	56.33 2.89 -5.35	54.57 3.03 -5.91	45.28 2.73 -3.45	55.62 3.20 -2.87	84.42 5.46 -4.70	73.69 4.75 -2.21	78.04 4.87 -3.84	74.14 4.38 -3.49	62.79 3.26 -5.79	44.60 2.27 0.00	38.75 1.90 0.00
LONG_LAKE_PHOENIX 24014	31.72 -0.73 0.00	28.48 -0.59 0.00	28.14 -0.59 0.00	28.12 -0.58 0.00	28.27 -0.60 0.00	30.92 -0.67 0.00	31.36 -0.83 0.00	37.35 -1.22 0.00	36.03 -1.05 0.00	36.50 -1.00 0.00	34.01 -0.90 0.00	45.42 -1.25 0.00	44.55 -1.29 0.00	46.65 -1.44 0.00	44.19 -1.45 0.00	37.84 -1.26 0.00	48.02 -1.54 0.00	71.76 -2.51 0.00	64.52 -2.20 0.00	67.07 -2.26 0.00	64.15 -2.12 0.00	51.86 -1.88 0.00	40.81 -1.51 0.00	35.59 -1.26 0.00
LOVETT___3 23632	34.54 2.09 0.00	30.82 1.74 0.00	30.32 1.60 0.00	30.29 1.59 0.00	30.51 1.63 0.00	33.24 1.65 0.00	33.73 1.54 0.00	40.26 1.68 0.00	38.66 1.58 0.00	39.07 1.56 0.00	36.44 1.53 0.00	48.74 2.06 0.00	48.07 2.22 0.00	50.64 2.54 0.00	48.30 2.67 0.00	41.39 2.29 0.00	52.46 2.91 0.00	79.08 4.81 0.00	70.99 4.27 0.00	73.54 4.22 0.00	69.98 3.71 0.00	56.33 2.60 0.00	44.24 1.92 0.00	38.43 1.58 0.00
LOVETT___4 23642	34.54 2.09 0.00	30.82 1.74 0.00	30.32 1.60 0.00	30.29 1.59 0.00	30.51 1.63 0.00	33.24 1.65 0.00	33.73 1.54 0.00	40.26 1.68 0.00	38.66 1.58 0.00	39.07 1.56 0.00	36.44 1.53 0.00	48.74 2.06 0.00	48.07 2.22 0.00	50.64 2.54 0.00	48.30 2.67 0.00	41.39 2.29 0.00	52.46 2.91 0.00	79.08 4.81 0.00	70.99 4.27 0.00	73.54 4.22 0.00	69.98 3.71 0.00	56.33 2.60 0.00	44.24 1.92 0.00	38.43 1.58 0.00
LOVETT___5 23593	34.54 2.09 0.00	30.82 1.74 0.00	30.32 1.60 0.00	30.29 1.59 0.00	30.51 1.63 0.00	33.24 1.65 0.00	33.73 1.54 0.00	40.26 1.68 0.00	38.66 1.58 0.00	39.07 1.56 0.00	36.44 1.53 0.00	48.74 2.06 0.00	48.07 2.22 0.00	50.64 2.54 0.00	48.30 2.67 0.00	41.39 2.29 0.00	52.46 2.91 0.00	79.08 4.81 0.00	70.99 4.27 0.00	73.54 4.22 0.00	69.98 3.71 0.00	56.33 2.60 0.00	44.24 1.92 0.00	38.43 1.58 0.00
LOWER RAQUET___HYD 24057	31.20 -1.25 0.00	28.05 -1.02 0.00	27.80 -0.93 0.00	27.78 -0.91 0.00	27.98 -0.89 0.00	30.74 -0.85 0.00	31.74 -0.45 0.00	38.67 0.09 0.00	37.10 0.02 0.00	37.58 0.08 0.00	34.98 0.07 0.00	46.63 -0.04 0.00	45.66 -0.18 0.00	47.63 -0.47 0.00	45.17 -0.47 0.00	38.72 -0.38 0.00	48.68 -0.87 0.00	73.20 -1.07 0.00	65.97 -0.76 0.00	68.89 -0.44 0.00	66.10 -0.17 0.00	53.96 0.22 0.00	42.77 0.45 0.00	37.19 0.34 0.00
LOWER___HUDSON 24059	33.58 1.13 0.00	30.03 0.96 0.00	29.61 0.88 0.00	29.58 0.89 0.00	29.75 0.87 0.00	32.55 0.96 0.00	32.97 0.78 0.00	39.39 0.81 0.00	37.74 0.66 0.00	38.04 0.53 0.00	35.29 0.38 0.00	47.31 0.64 0.00	46.44 0.60 0.00	49.03 0.94 0.00	46.57 0.93 0.00	39.85 0.75 0.00	50.74 1.18 0.00	76.22 1.96 0.00	68.54 1.81 0.00	70.98 1.66 0.00	67.93 1.66 0.00	54.92 1.19 0.00	43.26 0.94 0.00	37.64 0.79 0.00
LOWVILLE_115KV_TB2 356335	32.24 -0.22 0.00	29.09 0.02 0.00	28.73 0.01 0.00	28.76 0.06 0.00	28.96 0.09 0.00	31.73 0.13 0.00	32.37 0.18 0.00	38.96 0.38 0.00	37.51 0.44 0.00	38.04 0.53 0.00	35.36 0.45 0.00	47.11 0.44 0.00	46.24 0.39 0.00	48.38 0.28 0.00	45.63 0.00 0.00	38.95 -0.15 0.00	49.45 -0.11 0.00	74.55 0.28 0.00	67.36 0.63 0.00	70.12 0.80 0.00	67.24 0.97 0.00	54.47 0.73 0.00	42.86 0.54 0.00	37.23 0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.10 1.65 0.00	30.47 1.40 0.00	30.05 1.33 0.00	30.01 1.31 0.00	30.18 1.30 0.00	33.04 1.45 0.00	33.65 1.46 0.00	40.19 1.61 0.00	38.55 1.47 0.00	38.99 1.49 0.00	36.14 1.24 0.00	48.55 1.87 0.00	47.64 1.80 0.00	50.07 1.97 0.00	47.51 1.87 0.00	40.40 1.31 0.00	51.26 1.70 0.00	77.00 2.74 0.00	69.19 2.46 0.00	71.72 2.39 0.00	68.55 2.28 0.00	55.42 1.68 0.00	43.66 1.34 0.00	38.23 1.37 0.00

LUTHERNY_35_KV_BK2 355980	34.14 1.69 0.00	30.47 1.40 0.00	30.05 1.32 0.00	29.99 1.29 0.00	30.17 1.30 0.00	33.04 1.45 0.00	33.65 1.46 0.00	40.21 1.64 0.00	38.55 1.47 0.00	39.02 1.51 0.00	36.15 1.24 0.00	48.56 1.89 0.00	47.64 1.79 0.00	50.08 1.98 0.00	47.49 1.86 0.00	40.40 1.31 0.00	51.29 1.73 0.00	77.05 2.78 0.00	69.22 2.49 0.00	71.76 2.43 0.00	68.56 2.29 0.00	55.38 1.65 0.00	43.65 1.33 0.00	38.22 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	31.39 -1.06 0.00	28.28 -0.79 0.00	27.97 -0.75 0.00	27.99 -0.71 0.00	28.18 -0.69 0.00	30.92 -0.67 0.00	31.73 -0.46 0.00	38.43 -0.15 0.00	36.95 -0.13 0.00	37.47 -0.04 0.00	34.84 -0.07 0.00	46.40 -0.27 0.00	45.47 -0.37 0.00	47.51 -0.58 0.00	44.94 -0.69 0.00	38.46 -0.64 0.00	48.57 -0.98 0.00	73.13 -1.13 0.00	66.01 -0.71 0.00	68.84 -0.49 0.00	66.07 -0.20 0.00	53.71 -0.02 0.00	42.42 0.09 0.00	36.86 0.01 0.00
LYONS_FALL_HYD 23570	32.51 0.06 0.00	29.25 0.18 0.00	28.88 0.15 0.00	28.89 0.18 0.00	29.08 0.20 0.00	31.84 0.24 0.00	32.44 0.25 0.00	38.96 0.38 0.00	37.52 0.44 0.00	38.03 0.52 0.00	35.38 0.47 0.00	47.20 0.53 0.00	46.34 0.50 0.00	48.52 0.42 0.00	45.83 0.19 0.00	39.17 0.07 0.00	49.73 0.18 0.00	74.83 0.57 0.00	67.48 0.75 0.00	70.20 0.87 0.00	67.24 0.97 0.00	54.45 0.72 0.00	42.82 0.50 0.00	37.22 0.37 0.00
MADISON___COUNTY_LFGE 323628	33.03 0.57 0.00	29.59 0.52 0.00	29.21 0.48 0.00	29.18 0.48 0.00	29.35 0.48 0.00	32.12 0.53 0.00	32.65 0.46 0.00	39.05 0.48 0.00	37.62 0.55 0.00	38.10 0.59 0.00	35.48 0.57 0.00	47.45 0.78 0.00	46.57 0.73 0.00	48.80 0.70 0.00	46.11 0.48 0.00	39.48 0.39 0.00	50.18 0.63 0.00	75.29 1.03 0.00	67.73 1.01 0.00	70.41 1.08 0.00	67.30 1.03 0.00	54.47 0.74 0.00	42.82 0.50 0.00	37.26 0.40 0.00
MALONE___115KV_TB1 356076	31.84 -0.62 0.00	28.64 -0.43 0.00	28.40 -0.32 0.00	28.39 -0.31 0.00	28.60 -0.27 0.00	31.47 -0.13 0.00	32.45 0.26 0.00	39.34 0.77 0.00	37.80 0.72 0.00	38.32 0.81 0.00	35.72 0.82 0.00	47.73 1.06 0.00	46.76 0.92 0.00	48.72 0.62 0.00	46.21 0.57 0.00	39.66 0.56 0.00	50.01 0.46 0.00	75.15 0.89 0.00	67.72 0.99 0.00	70.60 1.27 0.00	67.66 1.39 0.00	55.23 1.50 0.00	43.64 1.32 0.00	37.89 1.04 0.00
MAPLEWOD_115KV_TB3 80458	33.48 1.03 0.00	29.97 0.90 0.00	29.56 0.83 0.00	29.52 0.82 0.00	29.69 0.82 0.00	32.46 0.86 0.00	32.87 0.68 0.00	39.26 0.68 0.00	37.68 0.60 0.00	37.98 0.48 0.00	35.24 0.33 0.00	47.20 0.52 0.00	46.45 0.61 0.00	49.02 0.92 0.00	46.59 0.96 0.00	39.95 0.86 0.00	50.76 1.20 0.00	76.28 2.02 0.00	68.60 1.87 0.00	71.06 1.73 0.00	67.96 1.69 0.00	54.97 1.23 0.00	43.26 0.93 0.00	37.56 0.71 0.00
MAPLE_RIDGE_WT_1 323574	32.10 -0.35 0.00	28.85 -0.22 0.00	28.55 -0.18 0.00	28.53 -0.17 0.00	28.71 -0.17 0.00	31.45 -0.15 0.00	32.18 -0.01 0.00	38.71 0.13 0.00	37.17 0.09 0.00	37.61 0.11 0.00	35.01 0.10 0.00	46.78 0.11 0.00	45.93 0.09 0.00	48.08 -0.02 0.00	45.62 -0.01 0.00	39.14 0.04 0.00	49.55 -0.01 0.00	74.27 0.01 0.00	66.74 0.01 0.00	69.40 0.08 0.00	66.41 0.14 0.00	53.99 0.26 0.00	42.57 0.25 0.00	37.07 0.22 0.00
MAPLE_RIDGE_WT_2 323611	32.10 -0.35 0.00	28.85 -0.22 0.00	28.55 -0.18 0.00	28.53 -0.17 0.00	28.71 -0.17 0.00	31.45 -0.15 0.00	32.18 -0.01 0.00	38.71 0.13 0.00	37.17 0.09 0.00	37.61 0.11 0.00	35.01 0.10 0.00	46.78 0.11 0.00	45.93 0.09 0.00	48.08 -0.02 0.00	45.62 -0.01 0.00	39.14 0.04 0.00	49.55 -0.01 0.00	74.27 0.01 0.00	66.74 0.01 0.00	69.40 0.08 0.00	66.41 0.14 0.00	53.99 0.26 0.00	42.57 0.25 0.00	37.07 0.22 0.00
MARBLE_RIVER_WT_PWR 323696	31.92 -0.53 0.00	28.76 -0.31 0.00	28.51 -0.22 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.60 0.01 0.00	32.50 0.31 0.00	39.33 0.75 0.00	37.79 0.71 0.00	38.25 0.74 0.00	35.68 0.78 0.00	47.73 1.06 0.00	46.81 0.97 0.00	48.84 0.74 0.00	46.26 0.63 0.00	39.73 0.63 0.00	50.31 0.75 0.00	75.42 1.16 0.00	67.78 1.05 0.00	70.57 1.24 0.00	67.54 1.27 0.00	55.09 1.36 0.00	43.56 1.24 0.00	37.84 0.99 0.00
MARSHVLE_115KV_TB1 80742	34.60 2.15 0.00	30.96 1.89 0.00	30.60 1.88 0.00	30.59 1.89 0.00	30.75 1.87 0.00	33.65 2.05 0.00	34.41 2.22 0.00	41.13 2.55 0.00	39.57 2.49 0.00	40.03 2.52 0.00	37.10 2.19 0.00	50.03 3.36 0.00	49.04 3.20 0.00	51.07 2.97 0.00	48.54 2.90 0.00	41.35 2.25 0.00	52.17 2.62 0.00	78.99 4.73 0.00	71.03 4.31 0.00	73.98 4.65 0.00	70.80 4.53 0.00	57.45 3.72 0.00	45.17 2.85 0.00	39.30 2.45 0.00
MARSH_HILL_WT_PWR 323713	32.25 -0.20 0.00	28.90 -0.17 0.00	28.80 0.07 0.00	28.82 0.12 0.00	28.69 -0.19 0.00	31.47 -0.12 0.00	31.76 -0.43 0.00	37.98 -0.59 0.00	36.86 -0.21 0.00	37.53 0.02 0.00	35.06 0.15 0.00	46.55 -0.13 0.00	45.57 -0.27 0.00	47.30 -0.79 0.00	44.21 -1.42 0.00	37.95 -1.14 0.00	48.05 -1.50 0.00	71.35 -2.91 0.00	63.81 -2.92 0.00	66.87 -2.45 0.00	64.15 -2.12 0.00	52.01 -1.72 0.00	40.93 -1.39 0.00	35.91 -0.94 0.00
MCINTYRE_115KV_TB2 80467	32.19 -0.26 0.00	28.91 -0.16 0.00	28.65 -0.08 0.00	28.62 -0.08 0.00	28.83 -0.05 0.00	31.68 0.09 0.00	32.76 0.57 0.00	39.90 1.33 0.00	38.27 1.19 0.00	38.71 1.21 0.00	35.97 1.06 0.00	47.79 1.12 0.00	46.68 0.84 0.00	48.67 0.58 0.00	46.19 0.55 0.00	39.53 0.44 0.00	49.73 0.18 0.00	74.95 0.69 0.00	67.64 0.92 0.00	70.94 1.62 0.00	68.24 1.97 0.00	55.73 2.00 0.00	44.15 1.83 0.00	38.39 1.53 0.00
MECO_____69_KV_BK1 80468	34.82 2.37 0.00	31.12 2.05 0.00	30.74 2.01 0.00	30.72 2.02 0.00	30.87 2.00 0.00	33.79 2.20 0.00	34.42 2.23 0.00	41.11 2.53 0.00	39.53 2.45 0.00	39.79 2.28 0.00	36.72 1.81 0.00	49.89 3.21 0.00	48.84 2.99 0.00	50.85 2.76 0.00	48.58 2.95 0.00	41.25 2.16 0.00	51.87 2.31 0.00	79.40 5.14 0.00	71.54 4.82 0.00	74.55 5.22 0.00	71.40 5.13 0.00	57.81 4.08 0.00	45.37 3.05 0.00	39.46 2.61 0.00
MENANDS___115KV_TB5 355628	33.31 0.86 0.00	29.83 0.76 0.00	29.42 0.70 0.00	29.40 0.70 0.00	29.56 0.68 0.00	32.31 0.72 0.00	32.71 0.52 0.00	39.07 0.49 0.00	37.49 0.41 0.00	37.80 0.29 0.00	35.07 0.17 0.00	46.94 0.26 0.00	46.16 0.32 0.00	48.73 0.64 0.00	46.33 0.69 0.00	39.74 0.64 0.00	50.51 0.95 0.00	75.90 1.64 0.00	68.25 1.53 0.00	70.66 1.33 0.00	67.57 1.31 0.00	54.64 0.91 0.00	43.01 0.69 0.00	37.34 0.49 0.00
MG INDUSTRY___DRP 24185	33.35 0.90 0.00	29.87 0.79 0.00	29.49 0.76 0.00	29.46 0.76 0.00	29.62 0.74 0.00	32.38 0.79 0.00	32.78 0.59 0.00	39.00 0.42 0.00	37.42 0.34 0.00	37.83 0.33 0.00	35.01 0.10 0.00	46.75 0.07 0.00	46.04 0.19 0.00	48.54 0.44 0.00	46.16 0.53 0.00	39.63 0.53 0.00	50.27 0.71 0.00	75.48 1.21 0.00	67.97 1.24 0.00	70.56 1.23 0.00	67.55 1.28 0.00	54.69 0.95 0.00	43.08 0.76 0.00	37.41 0.56 0.00

MID___OSWEGATCHIE_HYD 23849	31.39 -1.06 0.00	28.28 -0.79 0.00	27.97 -0.75 0.00	27.99 -0.71 0.00	28.18 -0.69 0.00	30.92 -0.67 0.00	31.73 -0.46 0.00	38.43 -0.15 0.00	36.95 -0.13 0.00	37.47 -0.04 0.00	34.84 -0.07 0.00	46.40 -0.27 0.00	45.47 -0.37 0.00	47.51 -0.58 0.00	44.94 -0.69 0.00	38.46 -0.64 0.00	48.57 -0.98 0.00	73.13 -1.13 0.00	66.01 -0.71 0.00	68.84 -0.49 0.00	66.07 -0.20 0.00	53.71 -0.02 0.00	42.42 0.09 0.00	36.86 0.01 0.00
MID___RAQUETTE_HYD 23851	31.20 -1.25 0.00	28.05 -1.01 0.00	27.80 -0.93 0.00	27.79 -0.91 0.00	27.98 -0.89 0.00	30.74 -0.85 0.00	31.74 -0.45 0.00	38.67 0.09 0.00	37.10 0.02 0.00	37.58 0.08 0.00	34.98 0.07 0.00	46.63 -0.04 0.00	45.66 -0.18 0.00	47.62 -0.47 0.00	45.17 -0.47 0.00	38.72 -0.38 0.00	48.68 -0.87 0.00	73.20 -1.07 0.00	65.97 -0.76 0.00	68.89 -0.44 0.00	66.10 -0.17 0.00	53.95 0.22 0.00	42.78 0.45 0.00	37.19 0.34 0.00
MILLIKEN___1 23584	32.79 0.34 0.00	29.38 0.31 0.00	29.03 0.30 0.00	29.01 0.31 0.00	29.15 0.27 0.00	31.89 0.29 0.00	32.36 0.17 0.00	38.63 0.06 0.00	37.28 0.20 0.00	37.82 0.32 0.00	35.25 0.34 0.00	47.02 0.35 0.00	46.11 0.27 0.00	48.17 0.08 0.00	45.65 0.01 0.00	39.07 -0.02 0.00	49.58 0.02 0.00	74.32 0.06 0.00	66.70 -0.03 0.00	69.39 0.06 0.00	66.34 0.07 0.00	53.74 0.00 0.00	42.28 -0.04 0.00	36.89 0.04 0.00
MILLIKEN___2 23585	32.79 0.34 0.00	29.38 0.31 0.00	29.03 0.30 0.00	29.01 0.31 0.00	29.15 0.27 0.00	31.89 0.29 0.00	32.36 0.17 0.00	38.63 0.06 0.00	37.28 0.20 0.00	37.82 0.32 0.00	35.25 0.34 0.00	47.02 0.35 0.00	46.11 0.27 0.00	48.17 0.08 0.00	45.65 0.01 0.00	39.07 -0.02 0.00	49.58 0.02 0.00	74.32 0.06 0.00	66.70 -0.03 0.00	69.39 0.06 0.00	66.34 0.07 0.00	53.74 0.00 0.00	42.28 -0.04 0.00	36.89 0.04 0.00
MILLIKEN___DIESEL 23629	32.79 0.34 0.00	29.38 0.31 0.00	29.03 0.30 0.00	29.01 0.31 0.00	29.15 0.27 0.00	31.89 0.29 0.00	32.36 0.17 0.00	38.63 0.06 0.00	37.28 0.20 0.00	37.82 0.32 0.00	35.25 0.34 0.00	47.02 0.35 0.00	46.11 0.27 0.00	48.17 0.08 0.00	45.65 0.01 0.00	39.07 -0.02 0.00	49.58 0.02 0.00	74.32 0.06 0.00	66.70 -0.03 0.00	69.39 0.06 0.00	66.34 0.07 0.00	53.74 0.00 0.00	42.28 -0.04 0.00	36.89 0.04 0.00
MILLSEAT___LFGE 323607	31.68 -0.77 0.00	28.38 -0.70 0.00	28.13 -0.60 0.00	28.11 -0.60 0.00	28.14 -0.73 0.00	30.79 -0.81 0.00	31.28 -0.91 0.00	37.09 -1.49 0.00	36.00 -1.08 0.00	36.68 -0.82 0.00	34.23 -0.68 0.00	45.50 -1.17 0.00	44.60 -1.25 0.00	46.25 -1.85 0.00	43.19 -2.45 0.00	36.81 -2.29 0.00	46.36 -3.19 0.00	68.23 -6.04 0.00	61.29 -5.44 0.00	63.85 -5.47 0.00	61.54 -4.73 0.00	50.32 -3.41 0.00	39.88 -2.44 0.00	35.28 -1.58 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.60 2.15 0.00	30.88 1.81 0.00	30.39 1.67 0.00	30.35 1.65 0.00	30.55 1.68 0.00	33.29 1.70 0.00	33.79 1.60 0.00	40.31 1.74 0.00	38.73 1.65 0.00	39.13 1.62 0.00	36.48 1.57 0.00	48.80 2.13 0.00	48.11 2.27 0.00	50.67 2.57 0.00	48.34 2.70 0.00	41.43 2.33 0.00	52.51 2.96 0.00	79.17 4.91 0.00	71.09 4.36 0.00	73.65 4.32 0.00	70.08 3.81 0.00	56.44 2.71 0.00	44.33 2.01 0.00	38.51 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	34.64 2.19 0.00	30.91 1.84 0.00	30.43 1.71 0.00	30.38 1.69 0.00	30.58 1.71 0.00	33.33 1.74 0.00	33.83 1.64 0.00	40.37 1.79 0.00	38.77 1.69 0.00	39.17 1.67 0.00	36.52 1.61 0.00	48.86 2.19 0.00	48.17 2.33 0.00	50.74 2.64 0.00	48.41 2.78 0.00	41.50 2.40 0.00	52.60 3.05 0.00	79.30 5.03 0.00	71.20 4.48 0.00	73.75 4.42 0.00	70.20 3.93 0.00	56.53 2.80 0.00	44.39 2.07 0.00	38.54 1.69 0.00
MODEL_CITY_ENERGY 24167	30.91 -1.54 0.00	27.72 -1.35 0.00	27.50 -1.23 0.00	27.49 -1.21 0.00	27.50 -1.38 0.00	30.08 -1.52 0.00	30.52 -1.67 0.00	36.11 -2.47 0.00	35.04 -2.04 0.00	35.73 -1.78 0.00	33.39 -1.52 0.00	44.34 -2.33 0.00	43.48 -2.36 0.00	45.06 -3.04 0.00	42.08 -3.56 0.00	35.79 -3.31 0.00	44.92 -4.64 0.00	65.72 -8.54 0.00	58.99 -7.74 0.00	61.48 -7.85 0.00	59.25 -7.02 0.00	48.63 -5.10 0.00	38.72 -3.60 0.00	34.36 -2.50 0.00
MODERN_LFGE___ 323580	30.91 -1.54 0.00	27.72 -1.35 0.00	27.50 -1.23 0.00	27.49 -1.21 0.00	27.50 -1.38 0.00	30.08 -1.52 0.00	30.52 -1.67 0.00	36.11 -2.47 0.00	35.04 -2.04 0.00	35.73 -1.78 0.00	33.39 -1.52 0.00	44.34 -2.33 0.00	43.48 -2.36 0.00	45.06 -3.04 0.00	42.08 -3.56 0.00	35.79 -3.31 0.00	44.92 -4.64 0.00	65.72 -8.54 0.00	58.99 -7.74 0.00	61.48 -7.85 0.00	59.25 -7.02 0.00	48.63 -5.10 0.00	38.72 -3.60 0.00	34.36 -2.50 0.00
MOHAWK_PAPER___DRP 24187	33.48 1.03 0.00	29.97 0.90 0.00	29.56 0.83 0.00	29.52 0.82 0.00	29.69 0.82 0.00	32.46 0.86 0.00	32.87 0.68 0.00	39.26 0.68 0.00	37.68 0.60 0.00	37.98 0.48 0.00	35.24 0.33 0.00	47.20 0.52 0.00	46.45 0.61 0.00	49.02 0.92 0.00	46.59 0.96 0.00	39.95 0.86 0.00	50.76 1.20 0.00	76.28 2.02 0.00	68.60 1.87 0.00	71.06 1.73 0.00	67.96 1.69 0.00	54.97 1.23 0.00	43.26 0.93 0.00	37.56 0.71 0.00
MOHICAN___35_KV_115KV_LD 80490	34.38 1.93 0.00	30.69 1.62 0.00	30.24 1.52 0.00	30.19 1.49 0.00	30.37 1.49 0.00	33.29 1.70 0.00	33.96 1.77 0.00	40.54 1.96 0.00	38.90 1.82 0.00	39.48 1.97 0.00	36.58 1.68 0.00	49.15 2.48 0.00	48.14 2.30 0.00	50.49 2.39 0.00	47.85 2.21 0.00	40.40 1.31 0.00	51.08 1.52 0.00	76.57 2.31 0.00	68.76 2.03 0.00	71.21 1.88 0.00	68.10 1.83 0.00	55.04 1.31 0.00	43.38 1.06 0.00	38.36 1.51 0.00
MONGAUP___HYD 23641	34.58 2.13 0.00	30.86 1.79 0.00	30.38 1.66 0.00	30.37 1.67 0.00	30.62 1.74 0.00	33.40 1.81 0.00	33.92 1.73 0.00	40.42 1.85 0.00	38.58 1.50 0.00	38.80 1.29 0.00	36.13 1.22 0.00	48.32 1.65 0.00	47.68 1.84 0.00	50.36 2.27 0.00	48.39 2.76 0.00	40.99 1.89 0.00	52.08 2.53 0.00	78.47 4.21 0.00	70.64 3.91 0.00	73.70 4.37 0.00	70.38 4.11 0.00	57.00 3.27 0.00	44.68 2.36 0.00	38.74 1.89 0.00
MONTAUK___DIESEL 23721	35.85 3.41 0.00	30.68 1.60 0.00	30.15 1.42 0.00	29.95 1.25 0.00	30.16 1.28 0.00	32.84 1.25 0.00	33.38 1.19 0.00	39.75 1.18 0.00	37.88 0.80 0.00	37.41 0.51 0.61	32.23 0.64 3.32	42.06 0.65 5.27	45.01 0.95 1.79	44.82 0.92 4.20	41.80 0.80 4.64	37.41 1.02 2.71	48.44 1.14 2.25	73.72 3.14 3.69	67.86 2.87 1.73	70.29 3.98 3.02	67.81 4.28 2.74	52.91 3.72 4.55	44.60 2.28 0.00	38.57 1.71 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.41 -0.05 0.00	28.95 -0.12 0.00	28.73 0.00 0.00	28.70 0.00 0.00	28.64 -0.24 0.00	31.33 -0.26 0.00	31.79 -0.40 0.00	37.71 -0.87 0.00	36.51 -0.57 0.00	37.26 -0.24 0.00	34.95 0.04 0.00	46.61 -0.07 0.00	45.70 -0.14 0.00	47.34 -0.76 0.00	44.37 -1.26 0.00	37.98 -1.12 0.00	47.77 -1.79 0.00	70.59 -3.67 0.00	63.17 -3.56 0.00	66.05 -3.27 0.00	62.94 -3.34 0.00	50.53 -3.21 0.00	40.19 -2.13 0.00	35.55 -1.30 0.00

MORRIS_RIDGE___SOLAR 323848	31.92 -0.53 0.00	28.58 -0.50 0.00	28.37 -0.36 0.00	28.37 -0.33 0.00	28.36 -0.52 0.00	31.02 -0.57 0.00	31.40 -0.79 0.00	37.41 -1.16 0.00	36.22 -0.85 0.00	36.85 -0.65 0.00	34.42 -0.49 0.00	45.70 -0.98 0.00	44.77 -1.07 0.00	46.57 -1.52 0.00	43.65 -1.98 0.00	37.41 -1.68 0.00	47.25 -2.31 0.00	70.02 -4.24 0.00	62.77 -3.95 0.00	65.49 -3.84 0.00	62.81 -3.46 0.00	51.01 -2.72 0.00	40.17 -2.15 0.00	35.38 -1.47 0.00
MORTIMER_115KV_TB3 55949	31.74 -0.71 0.00	28.46 -0.62 0.00	28.17 -0.56 0.00	28.14 -0.55 0.00	28.24 -0.64 0.00	30.89 -0.70 0.00	31.37 -0.82 0.00	37.29 -1.29 0.00	36.09 -0.99 0.00	36.70 -0.81 0.00	34.25 -0.66 0.00	45.64 -1.04 0.00	44.75 -1.09 0.00	46.61 -1.49 0.00	43.79 -1.84 0.00	37.36 -1.74 0.00	47.17 -2.39 0.00	70.01 -4.25 0.00	62.88 -3.84 0.00	65.45 -3.87 0.00	62.88 -3.39 0.00	51.18 -2.55 0.00	40.37 -1.94 0.00	35.51 -1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.84 2.39 0.00	31.10 2.03 0.00	30.58 1.85 0.00	30.54 1.84 0.00	30.73 1.85 0.00	33.47 1.87 0.00	33.98 1.80 0.00	40.55 1.98 0.00	38.98 1.90 0.00	39.40 1.90 0.00	36.74 1.84 0.00	49.15 2.47 0.00	48.45 2.61 0.00	50.99 2.90 0.00	48.67 3.04 0.00	41.70 2.61 0.00	52.80 3.25 0.00	79.67 5.41 0.00	71.50 4.78 0.00	74.07 4.74 0.00	70.45 4.18 0.00	56.72 2.99 0.00	44.54 2.22 0.00	38.68 1.82 0.00
MUNSVILLE_WIND_PWR 323609	34.42 1.97 0.00	30.89 1.82 0.00	30.45 1.72 0.00	30.47 1.77 0.00	30.69 1.81 0.00	33.64 2.05 0.00	34.15 1.96 0.00	40.80 2.23 0.00	39.53 2.45 0.00	40.17 2.66 0.00	37.37 2.46 0.00	49.84 3.17 0.00	48.66 2.82 0.00	50.79 2.69 0.00	48.14 2.51 0.00	41.14 2.05 0.00	52.37 2.81 0.00	79.03 4.76 0.00	70.95 4.22 0.00	73.94 4.61 0.00	70.64 4.37 0.00	57.06 3.33 0.00	44.77 2.45 0.00	39.00 2.15 0.00
N SALMON___HYD 24042	31.84 -0.62 0.00	28.64 -0.43 0.00	28.40 -0.32 0.00	28.39 -0.31 0.00	28.60 -0.27 0.00	31.47 -0.13 0.00	32.45 0.26 0.00	39.34 0.77 0.00	37.80 0.72 0.00	38.32 0.81 0.00	35.72 0.81 0.00	47.73 1.05 0.00	46.76 0.92 0.00	48.72 0.62 0.00	46.20 0.57 0.00	39.66 0.56 0.00	50.01 0.46 0.00	75.15 0.89 0.00	67.72 0.99 0.00	70.60 1.27 0.00	67.66 1.39 0.00	55.23 1.50 0.00	43.64 1.32 0.00	37.89 1.04 0.00
N.AKRON__115KV_KNAPP 355671	31.57 -0.89 0.00	28.28 -0.79 0.00	28.04 -0.69 0.00	28.02 -0.68 0.00	28.04 -0.83 0.00	30.69 -0.91 0.00	31.16 -1.03 0.00	36.93 -1.65 0.00	35.85 -1.23 0.00	36.54 -0.97 0.00	34.12 -0.79 0.00	45.32 -1.35 0.00	44.43 -1.41 0.00	46.08 -2.02 0.00	43.03 -2.60 0.00	36.64 -2.46 0.00	46.11 -3.45 0.00	67.73 -6.53 0.00	60.82 -5.91 0.00	63.37 -5.95 0.00	61.09 -5.18 0.00	49.99 -3.74 0.00	39.67 -2.65 0.00	35.12 -1.73 0.00
N.E_GEN_SANDY PD 24062	33.90 1.45 0.00	30.29 1.22 0.00	29.84 1.14 0.03	29.85 1.15 0.00	30.02 1.14 0.00	32.80 1.21 0.00	32.07 1.00 1.13	39.63 1.05 0.00	37.95 0.88 0.00	38.17 0.67 0.00	35.43 0.52 0.00	48.74 0.82 -1.25	44.52 0.79 2.11	50.07 1.20 -0.77	46.92 1.28 0.00	40.23 1.14 0.00	51.82 1.76 -0.51	77.20 3.03 0.10	69.91 2.77 -0.42	71.89 2.56 0.00	68.73 2.46 0.00	55.51 1.77 0.00	43.69 1.37 0.00	37.90 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.61 2.16 0.00	30.88 1.81 0.00	30.39 1.66 0.00	30.36 1.66 0.00	30.57 1.70 0.00	33.31 1.72 0.00	33.81 1.62 0.00	40.35 1.77 0.00	38.75 1.67 0.00	39.17 1.66 0.00	36.55 1.64 0.00	48.89 2.21 0.00	48.25 2.41 0.00	50.83 2.74 0.00	48.49 2.86 0.00	41.54 2.45 0.00	52.67 3.11 0.00	79.36 5.09 0.00	71.24 4.51 0.00	73.80 4.47 0.00	70.21 3.95 0.00	56.50 2.76 0.00	44.36 2.04 0.00	38.54 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	34.91 2.46 0.00	31.19 2.12 0.00	30.56 1.83 0.00	30.57 1.86 0.00	30.73 1.85 0.00	33.47 1.88 0.00	33.97 1.78 0.00	40.53 1.95 0.00	38.96 1.88 0.00	39.40 1.89 0.00	36.73 1.82 0.00	49.13 2.45 0.00	48.41 2.56 0.00	50.96 2.87 0.00	48.69 3.05 0.00	41.74 2.65 0.00	52.81 3.25 0.00	79.73 5.46 0.00	71.48 4.75 0.00	74.09 4.76 0.00	70.44 4.17 0.00	56.71 2.98 0.00	44.53 2.21 0.00	38.66 1.81 0.00
N.TROY___115KV_TB1 355778	33.58 1.13 0.00	30.02 0.96 0.00	29.61 0.88 0.00	29.58 0.89 0.00	29.75 0.87 0.00	32.55 0.96 0.00	32.97 0.78 0.00	39.39 0.81 0.00	37.74 0.66 0.00	38.04 0.53 0.00	35.29 0.38 0.00	47.31 0.64 0.00	46.44 0.60 0.00	49.03 0.94 0.00	46.57 0.93 0.00	39.85 0.75 0.00	50.74 1.18 0.00	76.22 1.96 0.00	68.54 1.81 0.00	70.99 1.66 0.00	67.93 1.66 0.00	54.92 1.18 0.00	43.26 0.94 0.00	37.64 0.79 0.00
NARROWS_GT1_1 24228	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT1_2 24229	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT1_3 24230	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT1_4 24231	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT1_5 24232	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57

NARROWS_GT1_6 24233	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT1_7 24234	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT1_8 24235	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_1 24236	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_2 24237	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_3 24238	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_4 24239	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_5 24240	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_6 24241	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_7 24242	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NARROWS_GT2_8 24243	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.70 1.25 0.00	30.16 1.08 0.00	29.75 1.02 0.00	29.71 1.01 0.00	29.86 0.99 0.00	32.67 1.07 0.00	33.10 0.91 0.00	39.75 1.17 0.00	37.97 0.89 0.00	38.54 1.03 0.00	35.53 0.62 0.00	47.40 0.73 0.00	46.85 1.01 0.00	49.67 1.57 0.00	47.20 1.57 0.00	40.54 1.44 0.00	51.13 1.58 0.00	77.09 2.83 0.00	69.54 2.81 0.00	71.95 2.62 0.00	68.61 2.34 0.00	55.48 1.75 0.00	43.63 1.31 0.00	37.81 0.96 0.00
NCHELSEA_115KV_TR2 355582	34.68 2.23 0.00	30.95 1.88 0.00	30.50 1.78 0.00	30.46 1.76 0.00	30.67 1.79 0.00	33.44 1.85 0.00	33.94 1.75 0.00	40.51 1.93 0.00	38.90 1.82 0.00	39.26 1.76 0.00	36.58 1.67 0.00	48.99 2.32 0.00	48.32 2.48 0.00	50.95 2.86 0.00	48.60 2.97 0.00	41.54 2.44 0.00	52.75 3.20 0.00	79.59 5.33 0.00	71.50 4.77 0.00	74.09 4.77 0.00	70.58 4.31 0.00	56.90 3.17 0.00	44.67 2.34 0.00	38.75 1.89 0.00
NEG CAPITAL___MECHNVIL 23645	34.12 1.67 0.00	30.49 1.42 0.00	30.07 1.34 0.00	30.04 1.34 0.00	30.20 1.33 0.00	33.07 1.47 0.00	33.63 1.44 0.00	40.15 1.58 0.00	38.53 1.46 0.00	38.95 1.44 0.00	36.12 1.22 0.00	48.50 1.83 0.00	47.63 1.78 0.00	50.11 2.02 0.00	47.54 1.91 0.00	40.48 1.39 0.00	51.41 1.85 0.00	77.24 2.97 0.00	69.42 2.69 0.00	71.94 2.61 0.00	68.80 2.52 0.00	55.60 1.87 0.00	43.79 1.46 0.00	38.25 1.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.28 -1.17 0.00	28.04 -1.04 0.00	27.74 -0.99 0.00	27.72 -0.98 0.00	27.82 -1.06 0.00	30.45 -1.15 0.00	30.93 -1.27 0.00	36.78 -1.79 0.00	35.61 -1.47 0.00	36.20 -1.31 0.00	33.75 -1.16 0.00	44.99 -1.69 0.00	44.12 -1.73 0.00	46.00 -2.10 0.00	43.31 -2.32 0.00	36.96 -2.14 0.00	46.73 -2.83 0.00	69.46 -4.81 0.00	62.43 -4.29 0.00	64.95 -4.38 0.00	62.30 -3.97 0.00	50.63 -3.10 0.00	39.91 -2.41 0.00	35.01 -1.84 0.00

NEG CENTRAL___DRP 24199	32.25 -0.20 0.00	28.89 -0.18 0.00	28.57 -0.16 0.00	28.57 -0.13 0.00	28.67 -0.20 0.00	31.37 -0.23 0.00	31.83 -0.36 0.00	37.97 -0.60 0.00	36.68 -0.39 0.00	37.25 -0.26 0.00	34.73 -0.17 0.00	46.31 -0.36 0.00	45.43 -0.42 0.00	47.40 -0.69 0.00	44.77 -0.87 0.00	38.32 -0.78 0.00	48.53 -1.03 0.00	72.37 -1.89 0.00	64.92 -1.81 0.00	67.60 -1.73 0.00	64.65 -1.62 0.00	52.42 -1.32 0.00	41.33 -0.99 0.00	36.15 -0.71 0.00
NEG CENTRAL___INDECK 23768	32.75 0.30 0.00	29.31 0.24 0.00	29.05 0.32 0.00	29.03 0.33 0.00	29.05 0.18 0.00	31.84 0.24 0.00	32.32 0.13 0.00	38.53 -0.04 0.00	37.34 0.27 0.00	37.95 0.44 0.00	35.41 0.50 0.00	47.01 0.34 0.00	45.93 0.09 0.00	47.81 -0.29 0.00	44.74 -0.89 0.00	38.46 -0.64 0.00	48.69 -0.86 0.00	72.21 -2.06 0.00	64.98 -1.75 0.00	67.86 -1.47 0.00	65.29 -0.99 0.00	52.99 -0.74 0.00	41.66 -0.66 0.00	36.55 -0.30 0.00
NEG CENTRAL___SENECA 23627	32.34 -0.11 0.00	28.95 -0.12 0.00	28.65 -0.07 0.00	28.64 -0.06 0.00	28.73 -0.14 0.00	31.43 -0.16 0.00	31.89 -0.30 0.00	38.07 -0.51 0.00	36.81 -0.27 0.00	37.43 -0.08 0.00	34.92 0.02 0.00	46.51 -0.16 0.00	45.62 -0.22 0.00	47.51 -0.58 0.00	44.80 -0.84 0.00	38.37 -0.72 0.00	48.55 -1.01 0.00	72.21 -2.06 0.00	64.79 -1.93 0.00	67.53 -1.80 0.00	64.58 -1.69 0.00	52.33 -1.40 0.00	41.31 -1.01 0.00	36.19 -0.66 0.00
NEG CENTRAL___STATE_STREET 24147	32.38 -0.07 0.00	29.03 -0.05 0.00	28.68 -0.04 0.00	28.68 -0.02 0.00	28.81 -0.06 0.00	31.51 -0.08 0.00	31.98 -0.21 0.00	38.14 -0.44 0.00	36.78 -0.29 0.00	37.30 -0.20 0.00	34.75 -0.16 0.00	46.39 -0.28 0.00	45.50 -0.34 0.00	47.58 -0.51 0.00	45.17 -0.46 0.00	38.54 -0.56 0.00	48.89 -0.67 0.00	73.28 -0.98 0.00	65.61 -1.12 0.00	68.25 -1.07 0.00	65.30 -0.97 0.00	53.00 -0.73 0.00	41.75 -0.57 0.00	36.46 -0.39 0.00
NEG MILLWOOD___DRP 24198	34.73 2.28 0.00	31.01 1.94 0.00	30.58 1.85 0.00	30.50 1.80 0.00	30.69 1.82 0.00	33.47 1.87 0.00	33.97 1.78 0.00	40.54 1.97 0.00	38.96 1.88 0.00	39.35 1.84 0.00	36.68 1.77 0.00	49.11 2.44 0.00	48.43 2.58 0.00	51.04 2.94 0.00	48.68 3.05 0.00	41.71 2.62 0.00	52.89 3.33 0.00	79.75 5.48 0.00	71.64 4.92 0.00	74.22 4.89 0.00	70.68 4.41 0.00	56.96 3.23 0.00	44.71 2.39 0.00	38.78 1.93 0.00
NEG NORTH_FLCN_SEA 23793	32.22 -0.23 0.00	29.09 0.02 0.00	28.78 0.05 0.00	28.80 0.10 0.00	29.02 0.14 0.00	31.94 0.35 0.00	32.80 0.61 0.00	39.66 1.09 0.00	38.16 1.08 0.00	38.61 1.10 0.00	36.05 1.15 0.00	48.29 1.62 0.00	47.37 1.52 0.00	49.38 1.29 0.00	46.72 1.09 0.00	40.13 1.03 0.00	50.88 1.33 0.00	76.28 2.02 0.00	68.53 1.80 0.00	71.32 1.99 0.00	68.21 1.94 0.00	55.63 1.90 0.00	44.07 1.74 0.00	38.20 1.35 0.00
NEG NORTH_KES_CHATEGAY 23792	31.92 -0.53 0.00	28.75 -0.32 0.00	28.51 -0.21 0.00	28.51 -0.19 0.00	28.72 -0.15 0.00	31.60 0.01 0.00	32.52 0.33 0.00	39.37 0.80 0.00	37.82 0.74 0.00	38.29 0.79 0.00	35.69 0.78 0.00	47.72 1.05 0.00	46.80 0.96 0.00	48.75 0.65 0.00	46.20 0.57 0.00	39.69 0.59 0.00	50.22 0.67 0.00	75.34 1.07 0.00	67.77 1.05 0.00	70.62 1.30 0.00	67.67 1.40 0.00	55.23 1.50 0.00	43.64 1.32 0.00	37.91 1.05 0.00
NEG NORTH___ALICE_FALLS 23915	32.21 -0.25 0.00	29.06 -0.01 0.00	28.75 0.03 0.00	28.76 0.06 0.00	28.98 0.11 0.00	31.91 0.31 0.00	32.79 0.60 0.00	39.62 1.05 0.00	38.11 1.03 0.00	38.57 1.06 0.00	36.02 1.11 0.00	48.22 1.55 0.00	47.31 1.47 0.00	49.28 1.19 0.00	46.67 1.03 0.00	40.07 0.98 0.00	50.79 1.23 0.00	76.12 1.86 0.00	68.52 1.80 0.00	71.30 1.98 0.00	68.24 1.97 0.00	55.66 1.93 0.00	44.04 1.72 0.00	38.17 1.32 0.00
NEG NORTH___LWR_SARANAC 23913	32.21 -0.25 0.00	29.06 -0.01 0.00	28.75 0.03 0.00	28.76 0.06 0.00	28.98 0.11 0.00	31.91 0.31 0.00	32.79 0.60 0.00	39.62 1.05 0.00	38.11 1.03 0.00	38.57 1.06 0.00	36.02 1.11 0.00	48.22 1.55 0.00	47.31 1.47 0.00	49.28 1.19 0.00	46.67 1.03 0.00	40.07 0.98 0.00	50.79 1.23 0.00	76.12 1.86 0.00	68.52 1.80 0.00	71.30 1.98 0.00	68.24 1.97 0.00	55.66 1.93 0.00	44.04 1.72 0.00	38.17 1.32 0.00
NEG NORTH___PLATTSBURG 23628	32.21 -0.24 0.00	29.06 -0.01 0.00	28.75 0.03 0.00	28.76 0.06 0.00	28.98 0.11 0.00	31.91 0.31 0.00	32.79 0.60 0.00	39.62 1.05 0.00	38.11 1.03 0.00	38.57 1.06 0.00	36.01 1.11 0.00	48.22 1.55 0.00	47.32 1.47 0.00	49.28 1.19 0.00	46.67 1.04 0.00	40.08 0.98 0.00	50.79 1.23 0.00	76.12 1.86 0.00	68.52 1.80 0.00	71.31 1.98 0.00	68.23 1.96 0.00	55.66 1.93 0.00	44.04 1.72 0.00	38.17 1.32 0.00
NEG WEST_LEA_LOCKPORT 23791	31.15 -1.30 0.00	27.92 -1.15 0.00	27.70 -1.03 0.00	27.69 -1.02 0.00	27.70 -1.17 0.00	30.30 -1.29 0.00	30.74 -1.45 0.00	36.40 -2.18 0.00	35.31 -1.77 0.00	36.01 -1.50 0.00	33.65 -1.26 0.00	44.69 -1.99 0.00	43.83 -2.01 0.00	45.43 -2.67 0.00	42.41 -3.22 0.00	36.08 -3.02 0.00	45.33 -4.23 0.00	66.47 -7.79 0.00	59.67 -7.06 0.00	62.19 -7.14 0.00	59.95 -6.32 0.00	49.13 -4.61 0.00	39.01 -3.31 0.00	34.61 -2.24 0.00
NEG WEST___LANCASTR 23811	31.43 -1.01 0.00	28.15 -0.92 0.00	27.93 -0.80 0.00	27.94 -0.76 0.00	27.97 -0.91 0.00	30.60 -1.00 0.00	31.02 -1.17 0.00	36.81 -1.76 0.00	35.66 -1.41 0.00	36.37 -1.14 0.00	34.03 -0.88 0.00	45.23 -1.44 0.00	44.35 -1.50 0.00	46.03 -2.07 0.00	43.04 -2.59 0.00	36.69 -2.41 0.00	46.23 -3.32 0.00	68.28 -5.98 0.00	61.17 -5.56 0.00	63.81 -5.52 0.00	61.15 -5.11 0.00	49.81 -3.92 0.00	39.37 -2.95 0.00	34.88 -1.97 0.00
NEG_PENN_ALLEGHNY 23528	32.55 0.10 0.00	29.14 0.07 0.00	28.82 0.10 0.00	28.81 0.11 0.00	28.94 0.06 0.00	31.65 0.05 0.00	32.09 -0.10 0.00	38.32 -0.26 0.00	36.95 -0.12 0.00	37.52 0.01 0.00	34.98 0.08 0.00	46.71 0.03 0.00	45.83 -0.01 0.00	47.91 -0.18 0.00	45.26 -0.37 0.00	38.78 -0.32 0.00	49.18 -0.38 0.00	73.45 -0.81 0.00	65.82 -0.91 0.00	68.50 -0.82 0.00	65.33 -0.94 0.00	52.94 -0.80 0.00	41.72 -0.60 0.00	36.47 -0.38 0.00
NEG___GEN_MONROE 24207	31.90 -0.55 0.00	28.59 -0.49 0.00	28.30 -0.43 0.00	28.28 -0.42 0.00	28.36 -0.52 0.00	31.03 -0.57 0.00	31.52 -0.68 0.00	37.45 -1.13 0.00	36.29 -0.79 0.00	36.92 -0.58 0.00	34.45 -0.46 0.00	45.84 -0.84 0.00	44.95 -0.89 0.00	46.78 -1.32 0.00	43.91 -1.73 0.00	37.47 -1.63 0.00	47.30 -2.25 0.00	70.11 -4.15 0.00	62.99 -3.74 0.00	65.58 -3.75 0.00	63.04 -3.22 0.00	51.36 -2.37 0.00	40.53 -1.79 0.00	35.67 -1.18 0.00
NEPA___ENERGY 23901	31.95 -0.50 0.00	28.56 -0.51 0.00	28.35 -0.38 0.00	28.36 -0.34 0.00	28.38 -0.50 0.00	31.02 -0.57 0.00	31.38 -0.81 0.00	37.31 -1.26 0.00	36.07 -1.00 0.00	36.85 -0.66 0.00	34.54 -0.36 0.00	45.94 -0.73 0.00	45.11 -0.73 0.00	46.89 -1.21 0.00	43.91 -1.73 0.00	37.56 -1.54 0.00	47.32 -2.24 0.00	69.91 -4.36 0.00	62.44 -4.29 0.00	65.33 -3.99 0.00	62.14 -4.13 0.00	50.26 -3.48 0.00	39.77 -2.55 0.00	35.24 -1.61 0.00

NEVERSINK___HYD 23608	34.82 2.37 0.00	31.06 1.99 0.00	30.58 1.86 0.00	30.57 1.87 0.00	30.82 1.94 0.00	33.62 2.03 0.00	34.14 1.95 0.00	40.73 2.15 0.00	39.10 2.02 0.00	39.42 1.91 0.00	36.69 1.78 0.00	49.16 2.49 0.00	48.59 2.75 0.00	51.28 3.18 0.00	48.97 3.34 0.00	41.58 2.49 0.00	52.85 3.30 0.00	79.84 5.58 0.00	71.86 5.13 0.00	74.60 5.27 0.00	71.10 4.83 0.00	57.28 3.55 0.00	44.95 2.62 0.00	38.98 2.13 0.00
NEWKRMKL_115KV_TB1 55635	33.18 0.73 0.00	29.71 0.64 0.00	29.31 0.59 0.00	29.28 0.58 0.00	29.45 0.57 0.00	32.19 0.60 0.00	32.59 0.39 0.00	38.91 0.33 0.00	37.39 0.31 0.00	37.71 0.20 0.00	34.98 0.07 0.00	46.77 0.10 0.00	46.03 0.19 0.00	48.58 0.48 0.00	46.19 0.56 0.00	39.64 0.55 0.00	50.33 0.78 0.00	75.68 1.42 0.00	68.00 1.28 0.00	70.44 1.11 0.00	67.33 1.06 0.00	54.45 0.71 0.00	42.84 0.52 0.00	37.18 0.33 0.00
NEWTON___FALLS_HYD 23847	31.39 -1.06 0.00	28.28 -0.79 0.00	27.97 -0.75 0.00	27.99 -0.71 0.00	28.18 -0.69 0.00	30.92 -0.67 0.00	31.73 -0.46 0.00	38.43 -0.15 0.00	36.95 -0.13 0.00	37.47 -0.04 0.00	34.84 -0.07 0.00	46.40 -0.27 0.00	45.47 -0.37 0.00	47.51 -0.58 0.00	44.94 -0.69 0.00	38.46 -0.64 0.00	48.57 -0.98 0.00	73.13 -1.13 0.00	66.01 -0.71 0.00	68.84 -0.49 0.00	66.07 -0.20 0.00	53.71 -0.02 0.00	42.42 0.09 0.00	36.86 0.01 0.00
NGRID_A1_DSASP 323792	30.68 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.74 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.13 -1.78 0.00	44.04 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.85 0.00	35.49 -3.61 0.00	44.55 -5.01 0.00	65.47 -8.80 0.00	58.76 -7.97 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.41 -3.91 0.00	34.12 -2.73 0.00
NGRID_A2_DSASP 323793	30.68 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.74 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.13 -1.78 0.00	44.04 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.85 0.00	35.49 -3.61 0.00	44.55 -5.01 0.00	65.47 -8.80 0.00	58.76 -7.97 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.41 -3.91 0.00	34.12 -2.73 0.00
NGRID_A4_DSASP 323807	30.68 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.74 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.13 -1.78 0.00	44.04 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.85 0.00	35.49 -3.61 0.00	44.55 -5.01 0.00	65.47 -8.80 0.00	58.76 -7.97 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.41 -3.91 0.00	34.12 -2.73 0.00
NIAGARA_115E_LBMP 323715	30.78 -1.67 0.00	27.61 -1.46 0.00	27.39 -1.34 0.00	27.38 -1.31 0.00	27.38 -1.49 0.00	29.95 -1.64 0.00	30.40 -1.79 0.00	35.94 -2.64 0.00	34.89 -2.19 0.00	35.57 -1.93 0.00	33.25 -1.66 0.00	44.15 -2.53 0.00	43.29 -2.55 0.00	44.86 -3.23 0.00	41.89 -3.74 0.00	35.63 -3.47 0.00	44.68 -4.88 0.00	65.31 -8.95 0.00	58.60 -8.13 0.00	61.08 -8.25 0.00	58.86 -7.41 0.00	48.34 -5.39 0.00	38.55 -3.78 0.00	34.21 -2.64 0.00
NIAGARA_115W_LBMP 323714	30.59 -1.86 0.00	27.43 -1.65 0.00	27.22 -1.51 0.00	27.21 -1.49 0.00	27.23 -1.65 0.00	29.75 -1.84 0.00	30.19 -2.00 0.00	35.74 -2.84 0.00	34.66 -2.42 0.00	35.35 -2.16 0.00	33.03 -1.88 0.00	43.91 -2.77 0.00	43.05 -2.79 0.00	44.60 -3.49 0.00	41.66 -3.97 0.00	35.38 -3.72 0.00	44.41 -5.15 0.00	65.25 -9.02 0.00	58.58 -8.15 0.00	61.05 -8.27 0.00	58.84 -7.43 0.00	48.26 -5.47 0.00	38.29 -4.03 0.00	34.01 -2.84 0.00
NIAGARA_230_LBMP 323716	30.87 -1.58 0.00	27.68 -1.39 0.00	27.46 -1.26 0.00	27.46 -1.25 0.00	27.49 -1.39 0.00	30.04 -1.55 0.00	30.48 -1.71 0.00	36.07 -2.50 0.00	34.99 -2.09 0.00	35.67 -1.84 0.00	33.33 -1.58 0.00	44.31 -2.37 0.00	43.44 -2.40 0.00	45.03 -3.06 0.00	42.08 -3.56 0.00	35.75 -3.34 0.00	44.91 -4.64 0.00	66.07 -8.19 0.00	59.32 -7.40 0.00	61.82 -7.50 0.00	59.53 -6.74 0.00	48.75 -4.99 0.00	38.65 -3.68 0.00	34.33 -2.53 0.00
NIAGARA___115KV_198_GIBSON 55903	30.58 -1.87 0.00	27.43 -1.64 0.00	27.22 -1.51 0.00	27.21 -1.49 0.00	27.22 -1.65 0.00	29.75 -1.84 0.00	30.19 -2.00 0.00	35.74 -2.84 0.00	34.66 -2.42 0.00	35.35 -2.16 0.00	33.04 -1.87 0.00	43.89 -2.78 0.00	43.05 -2.80 0.00	44.61 -3.48 0.00	41.66 -3.98 0.00	35.39 -3.71 0.00	44.41 -5.14 0.00	65.23 -9.03 0.00	58.57 -8.15 0.00	61.05 -8.28 0.00	58.85 -7.42 0.00	48.26 -5.48 0.00	38.29 -4.03 0.00	34.01 -2.84 0.00
NIAGARA____ 23760	30.87 -1.58 0.00	27.68 -1.39 0.00	27.46 -1.26 0.00	27.46 -1.25 0.00	27.49 -1.39 0.00	30.04 -1.55 0.00	30.48 -1.71 0.00	36.07 -2.50 0.00	34.99 -2.09 0.00	35.67 -1.84 0.00	33.33 -1.58 0.00	44.31 -2.37 0.00	43.44 -2.40 0.00	45.03 -3.06 0.00	42.08 -3.56 0.00	35.75 -3.34 0.00	44.91 -4.64 0.00	66.07 -8.19 0.00	59.32 -7.40 0.00	61.82 -7.50 0.00	59.53 -6.74 0.00	48.75 -4.99 0.00	38.65 -3.68 0.00	34.33 -2.53 0.00
NINE_MILE_1 23575	31.45 -1.00 0.00	28.25 -0.82 0.00	27.93 -0.80 0.00	27.91 -0.79 0.00	28.06 -0.81 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.10 -1.48 0.00	35.72 -1.36 0.00	36.17 -1.33 0.00	33.68 -1.23 0.00	45.00 -1.68 0.00	44.15 -1.69 0.00	46.26 -1.84 0.00	43.81 -1.82 0.00	37.52 -1.58 0.00	47.55 -2.01 0.00	71.10 -3.16 0.00	63.88 -2.84 0.00	66.41 -2.92 0.00	63.51 -2.76 0.00	51.49 -2.25 0.00	40.56 -1.77 0.00	35.38 -1.47 0.00
NINE_MILE_2 23744	31.45 -1.00 0.00	28.25 -0.82 0.00	27.93 -0.80 0.00	27.91 -0.79 0.00	28.06 -0.81 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.10 -1.47 0.00	35.72 -1.36 0.00	36.17 -1.33 0.00	33.68 -1.23 0.00	45.00 -1.68 0.00	44.15 -1.69 0.00	46.26 -1.83 0.00	43.82 -1.82 0.00	37.52 -1.58 0.00	47.55 -2.01 0.00	71.10 -3.16 0.00	63.89 -2.84 0.00	66.41 -2.92 0.00	63.51 -2.76 0.00	51.49 -2.24 0.00	40.56 -1.77 0.00	35.38 -1.47 0.00
NM_CAPITAL___DRP 24208	33.25 0.80 0.00	29.77 0.70 0.00	29.37 0.64 0.00	29.34 0.64 0.00	29.50 0.63 0.00	32.25 0.66 0.00	32.65 0.46 0.00	38.99 0.41 0.00	37.42 0.35 0.00	37.72 0.22 0.00	35.01 0.10 0.00	46.83 0.16 0.00	46.05 0.21 0.00	48.62 0.53 0.00	46.23 0.60 0.00	39.66 0.56 0.00	50.40 0.84 0.00	75.73 1.46 0.00	68.08 1.35 0.00	70.51 1.18 0.00	67.42 1.15 0.00	54.51 0.78 0.00	42.91 0.59 0.00	37.25 0.40 0.00
NM_CENTRAL___DRP 24181	32.13 -0.32 0.00	28.83 -0.24 0.00	28.48 -0.24 0.00	28.47 -0.24 0.00	28.61 -0.27 0.00	31.29 -0.30 0.00	31.73 -0.46 0.00	37.81 -0.77 0.00	36.46 -0.61 0.00	36.95 -0.56 0.00	34.43 -0.48 0.00	45.99 -0.68 0.00	45.13 -0.72 0.00	47.27 -0.83 0.00	44.72 -0.91 0.00	38.29 -0.80 0.00	48.59 -0.97 0.00	72.62 -1.64 0.00	65.25 -1.48 0.00	67.82 -1.51 0.00	64.83 -1.44 0.00	52.39 -1.34 0.00	41.24 -1.08 0.00	35.98 -0.87 0.00

NM_FRONTIER___DRP 24179	30.58 -1.87 0.00	27.43 -1.64 0.00	27.22 -1.51 0.00	27.21 -1.49 0.00	27.22 -1.65 0.00	29.75 -1.84 0.00	30.19 -2.00 0.00	35.74 -2.84 0.00	34.66 -2.42 0.00	35.35 -2.16 0.00	33.04 -1.87 0.00	43.89 -2.78 0.00	43.05 -2.80 0.00	44.61 -3.48 0.00	41.66 -3.98 0.00	35.39 -3.71 0.00	44.41 -5.14 0.00	65.23 -9.03 0.00	58.57 -8.15 0.00	61.05 -8.28 0.00	58.85 -7.42 0.00	48.26 -5.48 0.00	38.29 -4.03 0.00	34.01 -2.84 0.00
NM_ST_REGIS___HYD 24053	31.37 -1.08 0.00	28.22 -0.85 0.00	27.97 -0.76 0.00	27.95 -0.75 0.00	28.16 -0.72 0.00	30.95 -0.64 0.00	31.95 -0.24 0.00	38.88 0.30 0.00	37.31 0.23 0.00	37.81 0.30 0.00	35.21 0.31 0.00	46.96 0.28 0.00	45.98 0.13 0.00	47.92 -0.17 0.00	45.47 -0.17 0.00	38.98 -0.12 0.00	49.05 -0.51 0.00	73.74 -0.52 0.00	66.48 -0.24 0.00	69.40 0.07 0.00	66.58 0.31 0.00	54.37 0.64 0.00	43.05 0.73 0.00	37.42 0.56 0.00
NORTHPORT___1 23551	35.24 2.79 0.00	31.29 2.22 0.00	30.72 1.99 0.00	30.63 1.93 0.00	30.84 1.96 0.00	33.57 1.98 0.00	34.01 1.82 0.00	40.21 1.63 0.00	38.59 1.51 0.00	38.26 1.44 0.69	32.76 1.60 3.76	42.52 1.87 6.02	45.89 2.07 2.03	45.28 1.93 4.75	42.41 2.02 5.25	38.00 1.97 3.07	49.15 2.14 2.55	74.13 4.03 4.17	68.21 3.45 1.96	69.66 3.75 3.41	66.59 3.42 3.10	51.18 2.59 5.14	43.99 1.67 0.00	38.22 1.37 0.00
NORTHPORT___2 23552	35.24 2.79 0.00	31.29 2.22 0.00	30.72 1.99 0.00	30.63 1.93 0.00	30.84 1.96 0.00	33.57 1.98 0.00	34.01 1.82 0.00	40.21 1.63 0.00	38.59 1.51 0.00	38.26 1.44 0.69	32.76 1.60 3.76	42.52 1.87 6.02	45.89 2.07 2.03	45.28 1.93 4.75	42.41 2.02 5.25	38.00 1.97 3.07	49.15 2.14 2.55	74.13 4.03 4.17	68.21 3.45 1.96	69.66 3.75 3.41	66.59 3.42 3.10	51.18 2.59 5.14	43.99 1.67 0.00	38.22 1.37 0.00
NORTHPORT___3 23553	35.04 2.60 0.01	31.11 2.04 0.00	30.56 1.83 0.00	30.48 1.78 0.00	30.67 1.79 0.00	33.40 1.81 0.00	33.83 1.64 0.00	40.11 1.54 0.00	38.49 1.41 0.00	38.14 1.34 0.70	32.60 1.52 3.83	42.43 1.91 6.15	45.81 2.04 2.07	45.21 1.96 4.84	42.35 2.06 5.35	37.95 1.99 3.13	49.22 2.26 2.60	74.15 4.14 4.25	68.30 3.57 2.00	69.65 3.80 3.48	66.59 3.48 3.16	51.08 2.59 5.24	43.99 1.67 0.00	38.21 1.36 0.00
NORTHPORT___4 23650	35.04 2.60 0.01	31.11 2.04 0.00	30.56 1.83 0.00	30.48 1.78 0.00	30.67 1.79 0.00	33.40 1.81 0.00	33.83 1.64 0.00	40.11 1.54 0.00	38.49 1.41 0.00	38.14 1.34 0.70	32.60 1.52 3.83	42.43 1.91 6.15	45.81 2.04 2.07	45.21 1.96 4.84	42.35 2.06 5.35	37.95 1.99 3.13	49.22 2.26 2.60	74.15 4.14 4.25	68.30 3.57 2.00	69.65 3.80 3.48	66.59 3.48 3.16	51.08 2.59 5.24	43.99 1.67 0.00	38.21 1.36 0.00
NORTHPORT___IC 23718	35.22 2.78 0.00	31.29 2.22 0.00	30.72 1.99 0.00	30.63 1.93 0.00	30.84 1.96 0.00	33.57 1.98 0.00	34.01 1.82 0.00	40.21 1.63 0.00	38.59 1.51 0.00	38.26 1.44 0.69	32.75 1.60 3.76	42.52 1.88 6.02	45.87 2.05 2.03	45.27 1.92 4.75	42.40 2.01 5.25	37.99 1.96 3.07	49.15 2.14 2.55	74.14 4.04 4.17	68.23 3.46 1.96	69.67 3.75 3.41	66.60 3.42 3.10	51.18 2.59 5.14	43.99 1.67 0.00	38.23 1.37 0.00
NORTH___COUNTRY_ESR 323785	31.83 -0.62 0.00	28.68 -0.40 0.00	28.45 -0.28 0.00	28.44 -0.26 0.00	28.66 -0.21 0.00	31.53 -0.06 0.00	32.47 0.28 0.00	39.30 0.72 0.00	37.75 0.67 0.00	38.22 0.71 0.00	35.64 0.73 0.00	47.67 0.99 0.00	46.73 0.89 0.00	48.74 0.64 0.00	46.20 0.57 0.00	39.69 0.59 0.00	50.21 0.66 0.00	75.31 1.05 0.00	67.71 0.98 0.00	70.50 1.17 0.00	67.49 1.22 0.00	55.08 1.35 0.00	43.53 1.21 0.00	37.82 0.97 0.00
NPX_GEN_1385_PROXY 323591	34.89 2.45 0.00	31.23 2.16 0.00	30.66 1.93 0.00	30.57 1.86 0.00	30.60 1.90 0.17	33.49 1.90 0.00	33.75 1.56 0.00	39.79 1.21 0.00	38.19 1.11 0.00	37.75 0.93 0.69	32.10 0.95 3.76	41.66 1.01 6.02	45.06 1.24 2.03	44.48 1.13 4.75	41.64 1.25 5.25	37.41 1.37 3.07	48.48 1.47 2.55	73.24 3.14 4.17	67.53 2.76 1.96	69.20 3.29 3.41	66.12 2.95 3.10	50.79 2.19 5.14	43.53 1.21 0.00	37.76 0.91 0.00
NPX_GEN_CSC 323557	35.66 3.21 0.00	31.46 2.39 0.00	30.88 2.16 0.00	30.76 2.06 0.00	30.80 2.09 0.17	33.68 2.09 0.00	34.15 1.96 0.00	40.47 1.89 0.00	38.74 1.66 0.00	38.41 1.52 0.61	33.15 1.58 3.33	43.27 1.88 5.29	46.24 2.20 1.80	45.87 1.98 4.21	42.96 1.98 4.65	38.41 2.04 2.72	49.61 2.31 2.26	75.11 4.54 3.70	69.06 4.07 1.74	70.85 4.55 3.03	67.88 4.36 2.75	52.65 3.47 4.56	44.67 2.34 0.00	38.74 1.89 0.00
NSINS_S_GLNS_FALLS 23858	34.37 1.92 0.00	30.68 1.61 0.00	30.22 1.49 0.00	30.17 1.48 0.00	30.36 1.49 0.00	33.28 1.69 0.00	33.98 1.79 0.00	40.57 1.99 0.00	38.94 1.86 0.00	39.52 2.01 0.00	36.62 1.72 0.00	49.20 2.53 0.00	48.18 2.33 0.00	50.49 2.39 0.00	47.85 2.21 0.00	40.37 1.27 0.00	51.04 1.48 0.00	76.54 2.27 0.00	68.73 2.00 0.00	71.18 1.85 0.00	68.06 1.79 0.00	55.02 1.28 0.00	43.36 1.04 0.00	38.40 1.55 0.00
NUCOR_STEEL___DRP 24197	32.34 -0.11 0.00	29.00 -0.07 0.00	28.66 -0.07 0.00	28.65 -0.05 0.00	28.78 -0.09 0.00	31.48 -0.11 0.00	31.95 -0.24 0.00	38.10 -0.48 0.00	36.73 -0.35 0.00	37.25 -0.26 0.00	34.69 -0.22 0.00	46.32 -0.35 0.00	45.42 -0.42 0.00	47.53 -0.57 0.00	45.15 -0.48 0.00	38.50 -0.59 0.00	48.84 -0.72 0.00	73.27 -0.99 0.00	65.56 -1.16 0.00	68.18 -1.14 0.00	65.27 -1.00 0.00	52.99 -0.75 0.00	41.75 -0.57 0.00	36.45 -0.41 0.00
NUMBER_THREE_WT_PWR 323818	32.18 -0.28 0.00	29.05 -0.02 0.00	28.69 -0.04 0.00	28.73 0.03 0.00	28.91 0.04 0.00	31.68 0.09 0.00	32.32 0.13 0.00	38.91 0.34 0.00	37.47 0.39 0.00	38.00 0.49 0.00	35.33 0.42 0.00	47.05 0.38 0.00	46.18 0.33 0.00	48.32 0.23 0.00	45.59 -0.05 0.00	38.91 -0.18 0.00	49.38 -0.17 0.00	74.46 0.20 0.00	67.27 0.55 0.00	70.03 0.70 0.00	67.17 0.90 0.00	54.41 0.68 0.00	42.82 0.50 0.00	37.19 0.34 0.00
NYISO_LBMP_REFERENCE 24008	32.45 0.00 0.00	29.07 0.00 0.00	28.73 0.00 0.00	28.70 0.00 0.00	28.87 0.00 0.00	31.59 0.00 0.00	32.19 0.00 0.00	38.58 0.00 0.00	37.08 0.00 0.00	37.51 0.00 0.00	34.91 0.00 0.00	46.68 0.00 0.00	45.84 0.00 0.00	48.10 0.00 0.00	45.63 0.00 0.00	39.10 0.00 0.00	49.55 0.00 0.00	74.26 0.00 0.00	66.73 0.00 0.00	69.33 0.00 0.00	66.27 0.00 0.00	53.73 0.00 0.00	42.32 0.00 0.00	36.85 0.00 0.00
NYPA_BRENTWD____GT 24164	35.57 3.13 0.00	31.55 2.48 0.00	30.97 2.24 0.00	30.86 2.16 0.00	31.07 2.20 0.00	33.81 2.22 0.00	34.27 2.08 0.00	40.60 2.02 0.00	38.93 1.86 0.00	38.77 1.78 0.52	33.95 1.86 2.82	44.57 2.29 4.40	46.85 2.53 1.52	46.85 2.32 3.57	44.11 2.41 3.94	39.13 2.34 2.30	50.30 2.65 1.91	76.01 4.88 3.13	69.27 4.01 1.47	70.92 4.16 2.56	67.82 3.88 2.33	52.97 3.09 3.86	44.53 2.21 0.00	38.69 1.84 0.00

NYPA_GOWANUS____GT5 24156	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NYPA_GOWANUS____GT6 24157	35.05 2.60 0.00	31.31 2.24 0.00	30.75 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.14 0.00	36.97 2.06 0.00	49.46 2.79 0.00	48.84 3.00 0.00	51.33 3.24 0.00	49.07 3.43 0.00	43.02 2.98 -0.95	53.11 3.55 0.00	80.28 6.01 0.00	72.07 5.34 0.00	74.64 5.31 0.00	70.92 4.66 0.00	57.01 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57
NYPA_HARLEM__RVR__GT1 24160	34.85 2.40 0.00	31.14 2.07 0.00	30.51 1.78 0.00	30.54 1.84 0.00	30.71 1.83 0.00	33.45 1.86 0.00	33.96 1.77 0.00	40.51 1.94 0.00	38.93 1.85 0.00	39.36 1.85 0.00	36.69 1.79 0.00	49.06 2.38 0.00	48.34 2.50 0.01	50.88 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.70 3.15 0.00	79.55 5.29 0.00	71.31 4.60 0.01	73.93 4.61 0.01	70.28 4.02 0.00	56.58 2.85 0.00	44.43 2.11 0.00	38.57 1.72 0.00
NYPA_HARLEM__RVR__GT2 24161	34.85 2.40 0.00	31.14 2.07 0.00	30.51 1.78 0.00	30.54 1.84 0.00	30.71 1.83 0.00	33.45 1.86 0.00	33.96 1.77 0.00	40.51 1.94 0.00	38.93 1.85 0.00	39.36 1.85 0.00	36.69 1.79 0.00	49.06 2.38 0.00	48.34 2.50 0.01	50.88 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.70 3.15 0.00	79.55 5.29 0.00	71.31 4.60 0.01	73.93 4.61 0.01	70.28 4.02 0.00	56.58 2.85 0.00	44.43 2.11 0.00	38.57 1.72 0.00
NYPA_KENT____GT 24152	35.01 2.55 0.00	31.26 2.19 0.00	30.70 1.97 0.00	30.70 2.00 0.00	30.87 2.00 0.00	33.60 2.00 0.00	34.14 1.95 0.00	40.74 2.17 0.00	39.16 2.08 0.00	39.60 2.09 0.00	36.93 2.02 0.00	49.39 2.72 0.00	48.74 2.90 0.00	51.25 3.16 0.00	48.95 3.32 0.00	42.55 2.88 -0.57	53.03 3.48 0.00	80.13 5.87 0.00	71.91 5.18 0.00	74.49 5.16 0.00	70.80 4.53 0.00	56.94 3.21 0.00	45.55 2.37 -0.86	39.15 1.95 -0.34
NYPA_POUCHI____GT 24155	34.99 2.54 0.00	31.26 2.19 0.00	30.70 1.97 0.00	30.69 1.99 0.00	30.87 1.99 0.00	33.61 2.02 0.00	34.16 1.96 0.00	40.73 2.16 0.00	39.14 2.06 0.00	39.55 2.04 0.00	36.86 1.96 0.00	49.35 2.67 0.00	48.75 2.90 0.00	51.20 3.11 0.00	48.96 3.33 0.00	42.96 2.91 -0.95	52.92 3.37 0.00	80.01 5.74 0.00	71.85 5.12 0.00	74.43 5.10 0.00	70.72 4.45 0.00	56.90 3.17 0.00	46.12 2.38 -1.42	39.41 1.99 -0.57
NYPA_VERNON____GT2 24162	34.95 2.50 0.00	31.21 2.13 0.00	30.67 1.94 0.00	30.66 1.96 0.00	30.84 1.96 0.00	33.54 1.95 0.00	34.09 1.90 0.00	40.67 2.10 0.00	39.10 2.02 0.00	39.54 2.04 0.00	36.88 1.97 0.00	49.32 2.64 0.00	48.64 2.80 0.00	51.18 3.08 0.00	48.85 3.22 0.00	42.07 2.78 -0.20	52.96 3.40 0.00	79.99 5.73 0.00	71.78 5.05 0.00	74.34 5.01 0.00	70.67 4.40 0.00	56.86 3.13 0.00	44.92 2.29 -0.30	38.86 1.89 -0.12
NYPA_VERNON____GT3 24163	34.95 2.50 0.00	31.21 2.13 0.00	30.67 1.94 0.00	30.66 1.96 0.00	30.84 1.96 0.00	33.54 1.95 0.00	34.09 1.90 0.00	40.67 2.10 0.00	39.10 2.02 0.00	39.54 2.04 0.00	36.88 1.97 0.00	49.32 2.64 0.00	48.64 2.80 0.00	51.18 3.08 0.00	48.85 3.22 0.00	42.07 2.78 -0.20	52.96 3.40 0.00	79.99 5.73 0.00	71.78 5.05 0.00	74.34 5.01 0.00	70.67 4.40 0.00	56.86 3.13 0.00	44.92 2.29 -0.30	38.86 1.89 -0.12
NYPA____ASTORIA_CC1 323568	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.63 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.91 0.00	49.23 2.55 0.00	48.55 2.71 0.00	51.08 2.99 0.00	48.77 3.14 0.00	41.80 2.70 0.00	52.87 3.32 0.00	79.88 5.62 0.00	71.66 4.94 0.00	74.23 4.90 0.00	70.55 4.28 0.00	56.77 3.03 0.00	44.55 2.23 0.00	38.68 1.82 0.00
NYPA____ASTORIA_CC2 323569	34.89 2.44 0.00	31.17 2.10 0.00	30.62 1.89 0.00	30.63 1.92 0.00	30.80 1.93 0.00	33.49 1.90 0.00	34.05 1.86 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.47 1.97 0.00	36.81 1.91 0.00	49.23 2.55 0.00	48.55 2.71 0.00	51.08 2.99 0.00	48.77 3.14 0.00	41.80 2.70 0.00	52.87 3.32 0.00	79.88 5.62 0.00	71.66 4.94 0.00	74.23 4.90 0.00	70.55 4.28 0.00	56.77 3.03 0.00	44.55 2.23 0.00	38.68 1.82 0.00
NYPA____HOLTSVILL 23794	35.41 2.96 0.00	31.38 2.31 0.00	30.81 2.08 0.00	30.71 2.01 0.00	30.91 2.04 0.00	33.63 2.03 0.00	34.09 1.90 0.00	40.38 1.81 0.00	38.72 1.64 0.00	38.44 1.55 0.62	33.17 1.64 3.37	43.25 1.94 5.36	46.16 2.14 1.82	45.81 1.98 4.27	42.99 2.07 4.72	38.40 2.06 2.76	49.55 2.28 2.29	74.79 4.28 3.75	68.68 3.71 1.76	70.31 4.04 3.07	67.29 3.80 2.78	52.08 2.96 4.62	44.31 1.99 0.00	38.47 1.62 0.00
NYPA____HELLGATE_GT1 24158	34.85 2.40 0.00	31.14 2.07 0.00	30.51 1.78 0.00	30.54 1.84 0.00	30.71 1.83 0.00	33.45 1.86 0.00	33.96 1.77 0.00	40.51 1.94 0.00	38.93 1.85 0.00	39.36 1.85 0.00	36.69 1.79 0.00	49.06 2.38 0.00	48.34 2.50 0.01	50.88 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.70 3.15 0.00	79.55 5.29 0.00	71.31 4.60 0.01	73.93 4.61 0.01	70.28 4.02 0.00	56.58 2.85 0.00	44.43 2.11 0.00	38.57 1.72 0.00
NYPA____HELLGATE_GT2 24159	34.85 2.40 0.00	31.14 2.07 0.00	30.51 1.78 0.00	30.54 1.84 0.00	30.71 1.83 0.00	33.45 1.86 0.00	33.96 1.77 0.00	40.51 1.94 0.00	38.93 1.85 0.00	39.36 1.85 0.00	36.69 1.79 0.00	49.06 2.38 0.00	48.34 2.50 0.01	50.88 2.79 0.00	48.61 2.98 0.00	41.67 2.57 0.00	52.70 3.15 0.00	79.55 5.29 0.00	71.31 4.60 0.01	73.93 4.61 0.01	70.28 4.02 0.00	56.58 2.85 0.00	44.43 2.11 0.00	38.57 1.72 0.00
NYS_BARGE__HYD 23848	31.17 -1.28 0.00	27.94 -1.13 0.00	27.71 -1.02 0.00	27.69 -1.01 0.00	27.70 -1.17 0.00	30.30 -1.29 0.00	30.76 -1.43 0.00	36.41 -2.17 0.00	35.33 -1.75 0.00	36.03 -1.48 0.00	33.66 -1.25 0.00	44.71 -1.96 0.00	43.84 -2.01 0.00	45.44 -2.66 0.00	42.42 -3.22 0.00	36.09 -3.01 0.00	45.33 -4.23 0.00	66.45 -7.82 0.00	59.64 -7.09 0.00	62.15 -7.18 0.00	59.92 -6.35 0.00	49.13 -4.60 0.00	39.05 -3.28 0.00	34.64 -2.22 0.00
OAK_ORCHARD__HYD 24046	31.74 -0.71 0.00	28.45 -0.62 0.00	28.17 -0.56 0.00	28.14 -0.55 0.00	28.24 -0.64 0.00	30.89 -0.70 0.00	31.38 -0.82 0.00	37.29 -1.29 0.00	36.09 -0.99 0.00	36.70 -0.81 0.00	34.25 -0.66 0.00	45.64 -1.04 0.00	44.75 -1.09 0.00	46.59 -1.51 0.00	43.80 -1.84 0.00	37.36 -1.74 0.00	47.17 -2.38 0.00	70.02 -4.25 0.00	62.89 -3.84 0.00	65.47 -3.86 0.00	62.87 -3.40 0.00	51.18 -2.55 0.00	40.37 -1.95 0.00	35.51 -1.34 0.00

OAKDALE___35_KV_LOAD 356122	32.50 0.05 0.00	29.10 0.03 0.00	28.78 0.06 0.00	28.78 0.08 0.00	28.90 0.03 0.00	31.61 0.01 0.00	32.05 -0.14 0.00	38.26 -0.31 0.00	36.88 -0.20 0.00	37.43 -0.08 0.00	34.90 -0.01 0.00	46.59 -0.08 0.00	45.72 -0.12 0.00	47.82 -0.28 0.00	45.19 -0.44 0.00	38.71 -0.39 0.00	49.06 -0.50 0.00	73.28 -0.99 0.00	65.68 -1.04 0.00	68.36 -0.97 0.00	65.19 -1.08 0.00	52.83 -0.90 0.00	41.64 -0.68 0.00	36.41 -0.44 0.00
OCC_CHEM___DRP 24175	30.69 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.73 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.14 -1.77 0.00	44.03 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.86 0.00	35.50 -3.60 0.00	44.56 -4.99 0.00	65.44 -8.82 0.00	58.76 -7.96 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.42 -3.91 0.00	34.12 -2.73 0.00
OH_GEN_PROXY 24063	30.91 -1.54 0.00	27.71 -1.36 0.00	27.50 -1.23 0.00	27.49 -1.21 0.00	27.35 -1.36 0.17	30.09 -1.50 0.00	30.52 -1.67 0.00	36.14 -2.44 0.00	35.04 -2.04 0.00	35.72 -1.78 0.00	33.38 -1.52 0.00	44.39 -2.29 0.00	43.52 -2.33 0.00	45.12 -2.98 0.00	42.16 -3.47 0.00	35.82 -3.27 0.00	45.03 -4.53 0.00	66.35 -7.91 0.00	59.54 -7.19 0.00	62.05 -7.28 0.00	59.70 -6.56 0.00	48.86 -4.87 0.00	38.72 -3.60 0.00	34.36 -2.49 0.00
OLIN_CORP_DRP 24177	30.83 -1.62 0.00	27.64 -1.43 0.00	27.43 -1.30 0.00	27.42 -1.28 0.00	27.42 -1.45 0.00	30.00 -1.60 0.00	30.44 -1.75 0.00	36.00 -2.58 0.00	34.93 -2.15 0.00	35.62 -1.89 0.00	33.30 -1.61 0.00	44.21 -2.46 0.00	43.36 -2.48 0.00	44.96 -3.13 0.00	41.98 -3.66 0.00	35.69 -3.40 0.00	44.78 -4.77 0.00	65.48 -8.78 0.00	58.77 -7.96 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.46 -5.28 0.00	38.62 -3.71 0.00	34.26 -2.59 0.00
OLIN_CORP_DSASP 323712	30.68 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.74 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.13 -1.78 0.00	44.04 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.85 0.00	35.49 -3.61 0.00	44.55 -5.01 0.00	65.47 -8.80 0.00	58.76 -7.97 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.41 -3.91 0.00	34.12 -2.73 0.00
ONEIDA_HERK_LFGE 323681	32.70 0.25 0.00	29.37 0.30 0.00	29.00 0.28 0.00	28.99 0.29 0.00	29.17 0.30 0.00	31.94 0.35 0.00	32.54 0.35 0.00	39.02 0.45 0.00	37.59 0.51 0.00	38.08 0.58 0.00	35.43 0.52 0.00	47.31 0.64 0.00	46.45 0.61 0.00	48.68 0.58 0.00	45.99 0.36 0.00	39.35 0.25 0.00	49.96 0.40 0.00	75.10 0.84 0.00	67.67 0.94 0.00	70.34 1.01 0.00	67.31 1.04 0.00	54.52 0.79 0.00	42.88 0.56 0.00	37.28 0.42 0.00
ONEIDA___115KV_TB4 55905	33.03 0.57 0.00	29.59 0.52 0.00	29.21 0.48 0.00	29.18 0.48 0.00	29.35 0.48 0.00	32.12 0.53 0.00	32.65 0.46 0.00	39.05 0.48 0.00	37.62 0.55 0.00	38.10 0.59 0.00	35.48 0.57 0.00	47.45 0.78 0.00	46.57 0.73 0.00	48.80 0.70 0.00	46.11 0.48 0.00	39.48 0.39 0.00	50.18 0.63 0.00	75.29 1.03 0.00	67.73 1.01 0.00	70.41 1.08 0.00	67.30 1.03 0.00	54.47 0.74 0.00	42.82 0.50 0.00	37.26 0.40 0.00
ONONDAGA_REF_OCCRA 23987	32.30 -0.15 0.00	28.97 -0.10 0.00	28.62 -0.10 0.00	28.61 -0.09 0.00	28.75 -0.13 0.00	31.45 -0.15 0.00	31.89 -0.30 0.00	38.03 -0.54 0.00	36.66 -0.42 0.00	37.17 -0.34 0.00	34.63 -0.28 0.00	46.25 -0.42 0.00	45.38 -0.46 0.00	47.55 -0.55 0.00	44.98 -0.65 0.00	38.52 -0.57 0.00	48.89 -0.67 0.00	73.08 -1.18 0.00	65.67 -1.06 0.00	68.27 -1.06 0.00	65.25 -1.01 0.00	52.78 -0.96 0.00	41.53 -0.79 0.00	36.22 -0.63 0.00
ONONDAGA___COGEN 23986	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.37 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.44 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.26 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.86 0.00	36.17 -0.68 0.00
ONTARIO___LFGE 23819	32.34 -0.11 0.00	28.95 -0.12 0.00	28.65 -0.08 0.00	28.64 -0.06 0.00	28.73 -0.15 0.00	31.43 -0.16 0.00	31.89 -0.30 0.00	38.07 -0.51 0.00	36.82 -0.26 0.00	37.43 -0.08 0.00	34.92 0.02 0.00	46.51 -0.17 0.00	45.62 -0.23 0.00	47.51 -0.59 0.00	44.80 -0.84 0.00	38.37 -0.72 0.00	48.54 -1.01 0.00	72.21 -2.06 0.00	64.80 -1.93 0.00	67.53 -1.80 0.00	64.58 -1.69 0.00	52.33 -1.40 0.00	41.31 -1.01 0.00	36.19 -0.66 0.00
ORANGEVILLE_WT_PWR 323706	31.67 -0.78 0.00	28.36 -0.72 0.00	28.13 -0.60 0.00	28.13 -0.57 0.00	28.11 -0.76 0.00	30.75 -0.85 0.00	31.16 -1.03 0.00	37.04 -1.53 0.00	35.89 -1.19 0.00	36.55 -0.96 0.00	34.15 -0.76 0.00	45.41 -1.26 0.00	44.49 -1.35 0.00	46.22 -1.88 0.00	43.27 -2.36 0.00	36.99 -2.11 0.00	46.63 -2.93 0.00	68.90 -5.36 0.00	61.80 -4.93 0.00	64.42 -4.91 0.00	61.87 -4.40 0.00	50.33 -3.40 0.00	39.63 -2.69 0.00	35.01 -1.85 0.00
ORANGEVILLE___ESR 323794	31.67 -0.78 0.00	28.36 -0.72 0.00	28.13 -0.60 0.00	28.13 -0.57 0.00	28.11 -0.76 0.00	30.75 -0.85 0.00	31.16 -1.03 0.00	37.04 -1.53 0.00	35.89 -1.19 0.00	36.55 -0.96 0.00	34.15 -0.76 0.00	45.41 -1.26 0.00	44.49 -1.35 0.00	46.22 -1.88 0.00	43.27 -2.36 0.00	36.99 -2.11 0.00	46.63 -2.93 0.00	68.90 -5.36 0.00	61.80 -4.93 0.00	64.42 -4.91 0.00	61.87 -4.40 0.00	50.33 -3.40 0.00	39.63 -2.69 0.00	35.01 -1.85 0.00
OSWEGATCHIE___HYD 24044	31.39 -1.06 0.00	28.28 -0.79 0.00	27.98 -0.75 0.00	27.99 -0.71 0.00	28.18 -0.69 0.00	30.92 -0.67 0.00	31.73 -0.46 0.00	38.43 -0.15 0.00	36.95 -0.13 0.00	37.47 -0.04 0.00	34.84 -0.07 0.00	46.40 -0.27 0.00	45.47 -0.37 0.00	47.51 -0.58 0.00	44.94 -0.69 0.00	38.46 -0.64 0.00	48.57 -0.98 0.00	73.13 -1.14 0.00	66.01 -0.71 0.00	68.84 -0.49 0.00	66.07 -0.20 0.00	53.71 -0.02 0.00	42.42 0.09 0.00	36.86 0.01 0.00
OSWEGO___5 23606	31.67 -0.78 0.00	28.44 -0.64 0.00	28.11 -0.62 0.00	28.09 -0.61 0.00	28.24 -0.63 0.00	30.89 -0.70 0.00	31.35 -0.84 0.00	37.37 -1.21 0.00	35.99 -1.09 0.00	36.45 -1.06 0.00	33.94 -0.96 0.00	45.33 -1.34 0.00	44.48 -1.36 0.00	46.62 -1.48 0.00	44.15 -1.48 0.00	37.79 -1.30 0.00	47.91 -1.64 0.00	71.64 -2.63 0.00	64.37 -2.36 0.00	66.90 -2.43 0.00	63.99 -2.28 0.00	51.87 -1.87 0.00	40.85 -1.47 0.00	35.64 -1.21 0.00
OSWEGO___6 23613	31.67 -0.78 0.00	28.44 -0.64 0.00	28.11 -0.62 0.00	28.09 -0.61 0.00	28.24 -0.63 0.00	30.89 -0.70 0.00	31.35 -0.84 0.00	37.37 -1.21 0.00	35.99 -1.09 0.00	36.45 -1.06 0.00	33.94 -0.96 0.00	45.33 -1.34 0.00	44.48 -1.36 0.00	46.62 -1.48 0.00	44.15 -1.48 0.00	37.79 -1.30 0.00	47.91 -1.64 0.00	71.64 -2.63 0.00	64.37 -2.36 0.00	66.90 -2.43 0.00	63.99 -2.28 0.00	51.87 -1.87 0.00	40.85 -1.47 0.00	35.64 -1.21 0.00

OUTOKUMPU-AB___DRP 24206	31.31 -1.13 0.00	28.05 -1.02 0.00	27.82 -0.91 0.00	27.80 -0.90 0.00	27.81 -1.06 0.00	30.42 -1.18 0.00	30.86 -1.33 0.00	36.56 -2.02 0.00	35.47 -1.60 0.00	36.17 -1.34 0.00	33.77 -1.14 0.00	44.82 -1.85 0.00	43.94 -1.91 0.00	45.56 -2.54 0.00	42.53 -3.11 0.00	36.19 -2.90 0.00	45.48 -4.08 0.00	66.80 -7.47 0.00	59.95 -6.78 0.00	62.48 -6.84 0.00	60.33 -5.93 0.00	49.43 -4.31 0.00	39.20 -3.12 0.00	34.75 -2.10 0.00
OXBOW___BTM 323836	30.97 -1.48 0.00	27.75 -1.32 0.00	27.53 -1.19 0.00	27.52 -1.18 0.00	27.53 -1.35 0.00	30.10 -1.50 0.00	30.54 -1.65 0.00	36.17 -2.41 0.00	35.09 -1.99 0.00	35.78 -1.72 0.00	33.42 -1.49 0.00	44.40 -2.27 0.00	43.53 -2.32 0.00	45.12 -2.98 0.00	42.13 -3.50 0.00	35.81 -3.28 0.00	44.98 -4.57 0.00	66.09 -8.18 0.00	59.32 -7.40 0.00	61.82 -7.50 0.00	59.65 -6.62 0.00	48.89 -4.84 0.00	38.77 -3.55 0.00	34.41 -2.44 0.00
OXBOW___ 24026	30.97 -1.48 0.00	27.76 -1.31 0.00	27.54 -1.19 0.00	27.52 -1.18 0.00	27.53 -1.35 0.00	30.10 -1.50 0.00	30.53 -1.66 0.00	36.17 -2.41 0.00	35.09 -1.99 0.00	35.78 -1.72 0.00	33.43 -1.48 0.00	44.40 -2.28 0.00	43.52 -2.32 0.00	45.13 -2.96 0.00	42.13 -3.50 0.00	35.82 -3.28 0.00	45.00 -4.56 0.00	66.09 -8.17 0.00	59.32 -7.41 0.00	61.82 -7.50 0.00	59.65 -6.62 0.00	48.89 -4.84 0.00	38.78 -3.54 0.00	34.41 -2.44 0.00
OXY_CHEM_DSASP 323612	30.69 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.73 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.14 -1.77 0.00	44.03 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.86 0.00	35.50 -3.60 0.00	44.56 -4.99 0.00	65.44 -8.82 0.00	58.76 -7.96 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.42 -3.91 0.00	34.12 -2.73 0.00
OZONE_PARK_ESR 323760	35.17 2.72 0.00	31.37 2.30 0.00	30.85 2.12 0.00	30.80 2.10 0.00	30.99 2.12 0.00	33.73 2.14 0.00	34.27 2.07 0.00	40.88 2.31 0.00	39.32 2.25 0.00	39.78 2.27 0.00	37.10 2.19 0.00	49.63 2.95 0.00	48.90 3.06 0.00	51.46 3.37 0.00	49.12 3.49 0.00	42.12 3.02 0.00	53.32 3.76 0.00	80.45 6.19 0.00	72.23 5.51 0.00	74.79 5.46 0.00	71.12 4.85 0.00	57.26 3.52 0.00	44.96 2.64 0.00	39.04 2.19 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.69 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.73 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.14 -1.77 0.00	44.03 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.86 0.00	35.50 -3.60 0.00	44.56 -4.99 0.00	65.44 -8.82 0.00	58.76 -7.96 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.42 -3.91 0.00	34.12 -2.73 0.00
PACKARD___115KV_DUPONT_184 80571	30.69 -1.77 0.00	27.51 -1.56 0.00	27.30 -1.43 0.00	27.29 -1.41 0.00	27.31 -1.57 0.00	29.85 -1.75 0.00	30.28 -1.91 0.00	35.84 -2.73 0.00	34.77 -2.31 0.00	35.46 -2.05 0.00	33.14 -1.77 0.00	44.03 -2.64 0.00	43.19 -2.66 0.00	44.75 -3.35 0.00	41.78 -3.86 0.00	35.50 -3.60 0.00	44.56 -4.99 0.00	65.44 -8.82 0.00	58.76 -7.96 0.00	61.24 -8.09 0.00	59.03 -7.24 0.00	48.42 -5.31 0.00	38.42 -3.91 0.00	34.12 -2.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.81 2.36 0.00	31.10 2.03 0.00	30.49 1.76 0.00	30.56 1.86 0.00	30.73 1.85 0.00	33.48 1.89 0.00	34.02 1.83 0.00	40.59 2.01 0.00	38.97 1.89 0.00	39.40 1.89 0.00	36.73 1.82 0.00	49.09 2.42 0.00	48.34 2.49 0.00	50.87 2.78 0.00	48.58 2.95 0.00	41.61 2.52 0.00	52.64 3.09 0.00	79.56 5.30 0.00	71.32 4.59 0.00	73.93 4.60 0.00	70.29 4.02 0.00	56.58 2.84 0.00	44.43 2.11 0.00	38.56 1.71 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.55 3.10 0.00	31.78 2.70 0.00	31.17 2.44 0.00	31.35 2.65 0.00	31.60 2.73 0.00	34.46 2.87 0.00	35.03 2.84 0.00	41.56 2.98 0.00	39.78 2.71 0.00	40.24 2.74 0.00	37.59 2.69 0.00	50.20 3.53 0.00	49.33 3.49 0.00	51.93 3.84 0.00	49.62 3.99 0.00	42.52 3.42 0.00	53.81 4.25 0.00	81.26 6.99 0.00	72.82 6.10 0.00	75.49 6.16 0.00	71.72 5.45 0.00	57.73 4.00 0.00	45.33 3.00 0.00	39.37 2.52 0.00
PATROON___115KV_TB1 80586	33.27 0.82 0.00	29.80 0.73 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.52 0.65 0.00	32.27 0.67 0.00	32.67 0.48 0.00	39.02 0.45 0.00	37.50 0.42 0.00	37.82 0.31 0.00	35.08 0.18 0.00	46.92 0.25 0.00	46.19 0.35 0.00	48.74 0.65 0.00	46.36 0.72 0.00	39.78 0.68 0.00	50.51 0.95 0.00	75.95 1.69 0.00	68.26 1.54 0.00	70.68 1.36 0.00	67.57 1.30 0.00	54.63 0.89 0.00	42.99 0.67 0.00	37.30 0.45 0.00
PATTRSNVILLE___SOLAR 323815	34.33 1.88 0.00	30.70 1.63 0.00	30.31 1.59 0.00	30.29 1.60 0.00	30.45 1.58 0.00	33.31 1.72 0.00	33.85 1.66 0.00	40.36 1.78 0.00	38.76 1.68 0.00	39.11 1.60 0.00	35.77 0.86 0.00	48.85 2.17 0.00	47.94 2.10 0.00	50.06 1.97 0.00	47.74 2.10 0.00	40.58 1.48 0.00	51.28 1.72 0.00	78.17 3.90 0.00	70.38 3.65 0.00	73.24 3.91 0.00	70.08 3.81 0.00	56.77 3.04 0.00	44.63 2.31 0.00	38.81 1.96 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.54 -0.91 0.00	28.24 -0.84 0.00	28.01 -0.72 0.00	28.00 -0.70 0.00	28.03 -0.84 0.00	30.66 -0.93 0.00	31.10 -1.09 0.00	36.91 -1.67 0.00	35.78 -1.30 0.00	36.49 -1.02 0.00	34.15 -0.76 0.00	45.40 -1.27 0.00	44.49 -1.35 0.00	46.17 -1.92 0.00	43.16 -2.47 0.00	36.76 -2.33 0.00	46.30 -3.26 0.00	68.28 -5.98 0.00	61.19 -5.53 0.00	63.83 -5.50 0.00	61.27 -5.00 0.00	49.96 -3.78 0.00	39.51 -2.81 0.00	35.00 -1.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.73 2.28 0.00	31.01 1.94 0.00	30.58 1.85 0.00	30.50 1.80 0.00	30.69 1.82 0.00	33.47 1.87 0.00	33.97 1.78 0.00	40.54 1.97 0.00	38.96 1.88 0.00	39.35 1.84 0.00	36.68 1.77 0.00	49.11 2.44 0.00	48.43 2.58 0.00	51.04 2.94 0.00	48.68 3.05 0.00	41.71 2.62 0.00	52.89 3.33 0.00	79.75 5.48 0.00	71.64 4.92 0.00	74.22 4.89 0.00	70.68 4.41 0.00	56.96 3.23 0.00	44.71 2.39 0.00	38.78 1.93 0.00
PEEKSKILL___ 23653	34.58 2.13 0.00	30.85 1.78 0.00	30.37 1.64 0.00	30.32 1.62 0.00	30.53 1.66 0.00	33.27 1.67 0.00	33.76 1.57 0.00	40.30 1.72 0.00	38.70 1.62 0.00	39.10 1.60 0.00	36.46 1.55 0.00	48.77 2.09 0.00	48.10 2.25 0.00	50.65 2.56 0.00	48.33 2.69 0.00	41.43 2.33 0.00	52.50 2.95 0.00	79.15 4.88 0.00	71.05 4.33 0.00	73.61 4.28 0.00	70.07 3.80 0.00	56.41 2.68 0.00	44.30 1.98 0.00	38.47 1.62 0.00
PGE MADISON___WINDPWR 24146	34.42 1.97 0.00	30.89 1.82 0.00	30.45 1.72 0.00	30.47 1.77 0.00	30.69 1.81 0.00	33.64 2.05 0.00	34.15 1.96 0.00	40.80 2.23 0.00	39.53 2.45 0.00	40.17 2.66 0.00	37.37 2.46 0.00	49.84 3.17 0.00	48.66 2.82 0.00	50.79 2.69 0.00	48.14 2.51 0.00	41.14 2.05 0.00	52.37 2.81 0.00	79.03 4.76 0.00	70.95 4.22 0.00	73.94 4.61 0.00	70.64 4.37 0.00	57.06 3.33 0.00	44.77 2.45 0.00	39.00 2.15 0.00

PIERCEFIELD___HYD 23852	31.20 -1.25 0.00	28.05 -1.01 0.00	27.80 -0.93 0.00	27.79 -0.91 0.00	27.98 -0.89 0.00	30.74 -0.85 0.00	31.74 -0.45 0.00	38.67 0.09 0.00	37.10 0.02 0.00	37.58 0.08 0.00	34.98 0.07 0.00	46.63 -0.04 0.00	45.66 -0.18 0.00	47.62 -0.47 0.00	45.17 -0.47 0.00	38.72 -0.38 0.00	48.68 -0.87 0.00	73.20 -1.07 0.00	65.97 -0.76 0.00	68.89 -0.44 0.00	66.10 -0.17 0.00	53.95 0.22 0.00	42.78 0.45 0.00	37.19 0.34 0.00
PINELAWN_CC_1 323563	35.33 2.88 0.00	31.34 2.27 0.00	30.77 2.04 0.00	30.67 1.98 0.00	30.88 2.00 0.00	33.62 2.03 0.00	34.07 1.88 0.00	40.40 1.82 0.00	38.75 1.67 0.00	39.10 1.59 0.00	36.60 1.70 0.00	49.38 2.20 -0.51	48.23 2.39 0.00	50.28 2.18 0.00	47.69 2.05 0.00	40.95 1.85 0.00	51.52 1.97 0.00	77.80 3.54 0.00	69.82 3.10 0.00	72.66 3.33 0.00	69.34 3.08 0.00	56.22 2.49 0.00	44.01 1.69 0.00	38.56 1.71 0.00
PJM_GEN_HTTP_PROXY 323702	34.85 2.40 0.00	31.10 2.03 0.00	30.58 1.86 0.00	30.55 1.85 0.00	30.74 1.87 0.00	33.47 1.88 0.00	33.99 1.80 0.00	40.55 1.97 0.00	38.98 1.90 0.00	39.40 1.90 0.00	36.75 1.85 0.00	49.14 2.46 0.00	48.44 2.60 0.00	50.99 2.89 0.00	48.67 3.04 0.00	41.70 2.61 0.00	52.80 3.24 0.00	79.66 5.40 0.00	71.49 4.77 0.00	74.02 4.69 0.00	70.39 4.12 0.00	56.67 2.93 0.00	44.50 2.18 0.00	38.64 1.79 0.00
PJM_GEN_KEystone 24065	33.06 0.61 0.00	29.55 0.48 0.00	29.18 0.45 0.00	29.18 0.49 0.00	29.33 0.46 0.00	32.01 0.41 0.00	32.45 0.26 0.00	38.65 0.08 0.00	37.23 0.15 0.00	37.78 0.27 0.00	35.28 0.37 0.00	47.04 0.36 0.00	46.28 0.44 0.00	48.47 0.37 0.00	45.90 0.26 0.00	39.24 0.15 0.00	49.62 0.07 0.00	74.26 0.00 0.00	66.56 -0.16 0.00	69.16 -0.17 0.00	65.87 -0.40 0.00	53.17 -0.56 0.00	41.86 -0.46 0.00	36.69 -0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.96 2.52 0.01	31.04 1.97 0.00	30.48 1.75 0.00	30.41 1.71 0.00	30.62 1.74 0.00	33.35 1.76 0.00	33.80 1.60 0.00	40.13 1.55 0.00	38.52 1.44 0.00	37.90 1.40 1.00	31.04 1.59 5.45	39.73 2.04 8.98	45.05 2.15 2.94	43.40 2.19 6.89	40.34 2.32 7.62	36.78 2.14 4.45	48.33 2.47 3.70	72.61 4.39 6.05	67.63 3.75 2.84	68.36 3.98 4.95	65.36 3.59 4.50	48.92 2.65 7.46	44.04 1.72 0.00	38.28 1.43 0.00
PJM_GEN_VFT_PROXY 323633	33.12 2.28 1.61	30.99 1.92 0.00	30.48 1.75 0.00	30.46 1.76 0.00	30.64 1.77 0.00	33.36 1.76 0.00	33.87 1.68 0.00	40.41 1.83 0.00	38.84 1.76 0.00	39.28 1.77 0.00	36.65 1.74 0.00	48.96 2.28 0.00	48.26 2.42 0.00	50.83 2.74 0.00	48.53 2.90 0.00	33.22 2.51 8.38	45.91 3.09 6.73	79.47 5.21 0.00	71.32 4.60 0.00	60.80 4.54 13.06	57.11 3.99 13.14	45.21 2.73 11.25	35.77 1.99 8.55	34.13 1.65 4.37
PLATSBURG_115KV_PMLD1 355749	32.21 -0.24 0.00	29.08 0.01 0.00	28.77 0.04 0.00	28.78 0.08 0.00	29.00 0.12 0.00	31.93 0.33 0.00	32.78 0.59 0.00	39.64 1.07 0.00	38.15 1.07 0.00	38.58 1.08 0.00	36.04 1.14 0.00	48.26 1.59 0.00	47.33 1.49 0.00	49.35 1.26 0.00	46.68 1.05 0.00	40.11 1.01 0.00	50.85 1.30 0.00	76.25 1.99 0.00	68.48 1.76 0.00	71.27 1.94 0.00	68.16 1.89 0.00	55.61 1.88 0.00	44.04 1.72 0.00	38.17 1.32 0.00
PLEASANTVLY___LBMP 24000	34.29 1.84 0.00	30.62 1.55 0.00	30.18 1.46 0.00	30.14 1.45 0.00	30.34 1.47 0.00	33.09 1.50 0.00	33.56 1.37 0.00	40.05 1.47 0.00	38.45 1.37 0.00	38.80 1.30 0.00	36.13 1.23 0.00	48.36 1.69 0.00	47.65 1.80 0.00	50.20 2.10 0.00	47.86 2.23 0.00	41.02 1.93 0.00	52.07 2.51 0.00	78.48 4.22 0.00	70.47 3.75 0.00	72.98 3.66 0.00	69.56 3.29 0.00	56.08 2.35 0.00	44.07 1.75 0.00	38.26 1.41 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.56 2.10 0.00	30.98 1.91 0.00	30.43 1.71 0.00	30.38 1.69 0.00	30.57 1.70 0.00	33.31 1.72 0.00	33.80 1.61 0.00	40.34 1.76 0.00	38.77 1.69 0.00	39.17 1.66 0.00	36.52 1.61 0.00	48.87 2.20 0.00	48.17 2.32 0.00	50.72 2.62 0.00	48.39 2.76 0.00	41.47 2.37 0.00	52.60 3.05 0.00	79.28 5.02 0.00	71.19 4.46 0.00	73.72 4.39 0.00	70.16 3.89 0.00	56.54 2.81 0.00	44.40 2.08 0.00	38.55 1.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.56 2.10 0.00	30.98 1.91 0.00	30.43 1.71 0.00	30.38 1.69 0.00	30.57 1.70 0.00	33.31 1.72 0.00	33.80 1.61 0.00	40.34 1.76 0.00	38.77 1.69 0.00	39.17 1.66 0.00	36.52 1.61 0.00	48.87 2.20 0.00	48.17 2.32 0.00	50.72 2.62 0.00	48.39 2.76 0.00	41.47 2.37 0.00	52.60 3.05 0.00	79.28 5.02 0.00	71.19 4.46 0.00	73.72 4.39 0.00	70.16 3.89 0.00	56.54 2.81 0.00	44.40 2.08 0.00	38.55 1.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.60 2.15 0.00	30.88 1.81 0.00	30.43 1.70 0.00	30.38 1.69 0.00	30.58 1.71 0.00	33.35 1.76 0.00	33.84 1.65 0.00	40.39 1.81 0.00	38.79 1.71 0.00	39.11 1.60 0.00	36.40 1.49 0.00	48.73 2.06 0.00	48.04 2.20 0.00	50.70 2.61 0.00	48.40 2.76 0.00	41.45 2.35 0.00	52.53 2.97 0.00	79.27 5.01 0.00	71.24 4.51 0.00	73.86 4.53 0.00	70.37 4.10 0.00	56.75 3.01 0.00	44.56 2.24 0.00	38.64 1.79 0.00
POLETTI_____ 23519	34.81 2.36 0.00	31.07 2.00 0.00	30.57 1.84 0.00	30.54 1.84 0.00	30.72 1.84 0.00	33.43 1.84 0.00	33.95 1.76 0.00	40.51 1.93 0.00	38.94 1.86 0.00	39.37 1.86 0.00	36.70 1.79 0.00	49.07 2.40 0.00	48.37 2.53 0.00	50.93 2.83 0.00	48.61 2.98 0.00	41.66 2.56 0.00	52.72 3.17 0.00	79.58 5.32 0.00	71.44 4.71 0.00	73.97 4.64 0.00	70.34 4.07 0.00	56.62 2.89 0.00	44.46 2.14 0.00	38.60 1.75 0.00
POMONA___ESR 323819	34.61 2.16 0.00	30.88 1.81 0.00	30.39 1.66 0.00	30.36 1.66 0.00	30.57 1.70 0.00	33.31 1.72 0.00	33.81 1.62 0.00	40.35 1.77 0.00	38.75 1.67 0.00	39.16 1.66 0.00	36.55 1.64 0.00	48.89 2.22 0.00	48.25 2.40 0.00	50.83 2.74 0.00	48.49 2.86 0.00	41.55 2.45 0.00	52.67 3.12 0.00	79.36 5.09 0.00	71.24 4.51 0.00	73.80 4.47 0.00	70.21 3.95 0.00	56.49 2.76 0.00	44.36 2.04 0.00	38.54 1.69 0.00
PORT_JEFF_3 23555	35.55 3.10 0.00	31.49 2.42 0.00	30.92 2.19 0.00	30.80 2.10 0.00	31.00 2.13 0.00	33.73 2.14 0.00	34.20 2.01 0.00	40.52 1.94 0.00	38.84 1.77 0.00	38.57 1.67 0.61	33.34 1.75 3.32	43.52 2.11 5.27	46.38 2.33 1.79	46.07 2.17 4.20	43.23 2.23 4.64	38.61 2.23 2.71	49.80 2.50 2.25	75.12 4.54 3.69	68.98 3.98 1.73	70.64 4.32 3.02	67.61 4.08 2.74	52.45 3.26 4.54	44.51 2.19 0.00	38.65 1.79 0.00
PORT_JEFF_4 23616	35.55 3.10 0.00	31.49 2.42 0.00	30.92 2.19 0.00	30.80 2.10 0.00	31.00 2.13 0.00	33.73 2.14 0.00	34.20 2.01 0.00	40.52 1.94 0.00	38.84 1.77 0.00	38.57 1.67 0.61	33.34 1.75 3.32	43.52 2.11 5.27	46.38 2.33 1.79	46.07 2.17 4.20	43.23 2.23 4.64	38.61 2.23 2.71	49.80 2.50 2.25	75.12 4.54 3.69	68.98 3.98 1.73	70.64 4.32 3.02	67.61 4.08 2.74	52.45 3.26 4.54	44.51 2.19 0.00	38.65 1.79 0.00

PORT_JEFF_IC 23713	35.59 3.14 0.00	31.52 2.45 0.00	30.95 2.22 0.00	30.83 2.13 0.00	31.03 2.16 0.00	33.75 2.16 0.00	34.22 2.03 0.00	40.55 1.97 0.00	38.87 1.79 0.00	38.62 1.71 0.60	33.46 1.79 3.24	43.73 2.18 5.12	46.46 2.37 1.75	46.21 2.21 4.09	43.40 2.28 4.52	38.72 2.27 2.64	49.93 2.57 2.19	75.22 4.54 3.59	69.04 4.00 1.69	70.71 4.32 2.94	67.71 4.11 2.67	52.65 3.34 4.43	44.57 2.25 0.00	38.69 1.84 0.00
PPL PILGRIM_ST_GT1 24216	35.57 3.13 0.00	31.55 2.48 0.00	30.97 2.24 0.00	30.86 2.16 0.00	31.07 2.20 0.00	33.81 2.22 0.00	34.27 2.08 0.00	40.60 2.02 0.00	38.93 1.86 0.00	38.77 1.78 0.52	33.95 1.86 2.82	44.57 2.29 4.40	46.85 2.53 1.52	46.85 2.32 3.57	44.11 2.41 3.94	39.13 2.34 2.30	50.30 2.65 1.91	76.01 4.88 3.13	69.27 4.01 1.47	70.92 4.16 2.56	67.82 3.88 2.33	52.97 3.09 3.86	44.53 2.21 0.00	38.69 1.84 0.00
PPL PILGRIM_ST_GT2 24217	35.57 3.13 0.00	31.55 2.48 0.00	30.97 2.24 0.00	30.86 2.16 0.00	31.07 2.20 0.00	33.81 2.22 0.00	34.27 2.08 0.00	40.60 2.02 0.00	38.93 1.86 0.00	38.77 1.78 0.52	33.95 1.86 2.82	44.57 2.29 4.40	46.85 2.53 1.52	46.85 2.32 3.57	44.11 2.41 3.94	39.13 2.34 2.30	50.30 2.65 1.91	76.01 4.88 3.13	69.27 4.01 1.47	70.92 4.16 2.56	67.82 3.88 2.33	52.97 3.09 3.86	44.53 2.21 0.00	38.69 1.84 0.00
PPL_SHRM_GT3 24213	35.65 3.21 0.00	31.47 2.40 0.00	30.90 2.17 0.00	30.77 2.07 0.00	30.97 2.10 0.00	33.69 2.09 0.00	34.16 1.97 0.00	40.47 1.89 0.00	38.74 1.66 0.00	38.42 1.52 0.60	33.19 1.57 3.28	43.33 1.86 5.21	46.26 2.19 1.77	45.90 1.96 4.15	43.01 1.97 4.59	38.44 2.03 2.68	49.60 2.27 2.23	75.20 4.58 3.65	69.09 4.08 1.72	70.90 4.56 2.99	67.93 4.37 2.71	52.70 3.46 4.50	44.64 2.33 0.00	38.73 1.88 0.00
PPL_SHRM_GT4 24214	35.65 3.21 0.00	31.47 2.40 0.00	30.90 2.17 0.00	30.77 2.07 0.00	30.97 2.10 0.00	33.69 2.09 0.00	34.16 1.97 0.00	40.47 1.89 0.00	38.74 1.66 0.00	38.42 1.52 0.60	33.19 1.57 3.28	43.33 1.86 5.21	46.26 2.19 1.77	45.90 1.96 4.15	43.01 1.97 4.59	38.44 2.03 2.68	49.60 2.27 2.23	75.20 4.58 3.65	69.09 4.08 1.72	70.90 4.56 2.99	67.93 4.37 2.71	52.70 3.46 4.50	44.64 2.33 0.00	38.73 1.88 0.00
PROJECT___ORANGE 1 24174	32.14 -0.32 0.00	28.84 -0.24 0.00	28.49 -0.24 0.00	28.47 -0.23 0.00	28.61 -0.27 0.00	31.29 -0.30 0.00	31.74 -0.46 0.00	37.82 -0.76 0.00	36.47 -0.61 0.00	36.96 -0.55 0.00	34.44 -0.47 0.00	45.99 -0.68 0.00	45.13 -0.72 0.00	47.29 -0.81 0.00	44.73 -0.90 0.00	38.31 -0.79 0.00	48.60 -0.96 0.00	72.64 -1.63 0.00	65.26 -1.46 0.00	67.83 -1.50 0.00	64.84 -1.43 0.00	52.41 -1.33 0.00	41.25 -1.07 0.00	35.99 -0.87 0.00
PROJECT___ORANGE 2 24166	32.14 -0.32 0.00	28.84 -0.24 0.00	28.49 -0.24 0.00	28.47 -0.23 0.00	28.61 -0.27 0.00	31.29 -0.30 0.00	31.74 -0.46 0.00	37.82 -0.76 0.00	36.47 -0.61 0.00	36.96 -0.55 0.00	34.44 -0.47 0.00	45.99 -0.68 0.00	45.13 -0.72 0.00	47.29 -0.81 0.00	44.73 -0.90 0.00	38.31 -0.79 0.00	48.60 -0.96 0.00	72.64 -1.63 0.00	65.26 -1.46 0.00	67.83 -1.50 0.00	64.84 -1.43 0.00	52.41 -1.33 0.00	41.25 -1.07 0.00	35.99 -0.87 0.00
PUCKETT___SOLAR 323809	32.94 0.49 0.00	29.49 0.42 0.00	29.11 0.39 0.00	29.13 0.43 0.00	29.29 0.41 0.00	32.06 0.47 0.00	32.51 0.32 0.00	38.82 0.24 0.00	37.46 0.38 0.00	38.02 0.52 0.00	35.43 0.52 0.00	47.31 0.63 0.00	46.37 0.53 0.00	48.41 0.32 0.00	45.73 0.10 0.00	39.09 -0.01 0.00	49.66 0.11 0.00	74.53 0.27 0.00	66.86 0.13 0.00	69.60 0.27 0.00	66.44 0.17 0.00	53.81 0.08 0.00	42.36 0.04 0.00	37.00 0.15 0.00
PYRITES___HYD 24023	31.99 -0.46 0.00	28.74 -0.33 0.00	28.48 -0.25 0.00	28.45 -0.25 0.00	28.65 -0.22 0.00	31.49 -0.11 0.00	32.56 0.37 0.00	39.66 1.09 0.00	38.05 0.97 0.00	38.49 0.98 0.00	35.78 0.88 0.00	47.52 0.85 0.00	46.45 0.60 0.00	48.44 0.34 0.00	45.94 0.31 0.00	39.29 0.19 0.00	49.43 -0.12 0.00	74.55 0.28 0.00	67.27 0.55 0.00	70.54 1.21 0.00	67.84 1.58 0.00	55.39 1.66 0.00	43.88 1.55 0.00	38.15 1.30 0.00
QUAKERRD_115KV_BK1 80622	31.18 -1.27 0.00	27.96 -1.11 0.00	27.66 -1.07 0.00	27.64 -1.06 0.00	27.75 -1.13 0.00	30.36 -1.24 0.00	30.83 -1.36 0.00	36.67 -1.91 0.00	35.46 -1.61 0.00	36.04 -1.46 0.00	33.62 -1.29 0.00	44.81 -1.87 0.00	43.96 -1.88 0.00	45.82 -2.27 0.00	43.14 -2.49 0.00	36.81 -2.28 0.00	46.53 -3.02 0.00	69.16 -5.11 0.00	62.13 -4.60 0.00	64.65 -4.68 0.00	62.03 -4.24 0.00	50.44 -3.29 0.00	39.77 -2.55 0.00	34.92 -1.94 0.00
QUENSBRY_115KV_TB8 356137	34.42 1.96 0.00	30.71 1.64 0.00	30.25 1.53 0.00	30.20 1.50 0.00	30.39 1.52 0.00	33.33 1.74 0.00	34.04 1.84 0.00	40.63 2.05 0.00	39.00 1.92 0.00	39.62 2.11 0.00	36.71 1.81 0.00	49.33 2.66 0.00	48.27 2.43 0.00	50.56 2.46 0.00	47.89 2.26 0.00	40.32 1.23 0.00	50.92 1.36 0.00	76.29 2.03 0.00	68.48 1.75 0.00	70.93 1.60 0.00	67.83 1.56 0.00	54.82 1.08 0.00	43.22 0.90 0.00	38.34 1.49 0.00
RAMAPO___LBMP 323565	34.47 2.02 0.00	30.76 1.69 0.00	30.26 1.54 0.00	30.24 1.54 0.00	30.47 1.59 0.00	33.20 1.60 0.00	33.70 1.51 0.00	40.22 1.64 0.00	38.61 1.53 0.00	39.02 1.51 0.00	36.40 1.49 0.00	48.67 2.00 0.00	48.02 2.17 0.00	50.60 2.50 0.00	48.28 2.65 0.00	41.35 2.25 0.00	52.41 2.85 0.00	78.98 4.72 0.00	70.91 4.18 0.00	73.48 4.15 0.00	69.90 3.63 0.00	56.25 2.52 0.00	44.17 1.85 0.00	38.39 1.54 0.00
RANKINE____ 23646	31.53 -0.92 0.00	28.24 -0.84 0.00	28.01 -0.72 0.00	28.00 -0.70 0.00	28.01 -0.87 0.00	30.64 -0.96 0.00	31.09 -1.11 0.00	36.85 -1.73 0.00	35.72 -1.36 0.00	36.45 -1.06 0.00	34.09 -0.81 0.00	45.33 -1.35 0.00	44.45 -1.39 0.00	46.12 -1.98 0.00	43.09 -2.54 0.00	36.72 -2.38 0.00	46.18 -3.37 0.00	68.00 -6.26 0.00	61.00 -5.73 0.00	63.64 -5.69 0.00	61.13 -5.13 0.00	49.88 -3.86 0.00	39.46 -2.86 0.00	34.97 -1.88 0.00
RAVENSWOOD_GT2_1 24244	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.87 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.83 3.27 0.00	79.71 5.45 0.00	71.55 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.72 2.99 0.00	44.54 2.22 0.00	38.68 1.82 0.00
RAVENSWOOD_GT2_2 24245	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.87 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.83 3.27 0.00	79.71 5.45 0.00	71.55 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.72 2.99 0.00	44.54 2.22 0.00	38.68 1.82 0.00

RAVENSWOOD_GT2_3 24246	34.87 2.42 0.00	31.12 2.05 0.00	30.60 1.87 0.00	30.57 1.88 0.00	30.76 1.88 0.00	33.49 1.90 0.00	34.02 1.83 0.00	40.59 2.02 0.00	39.02 1.95 0.00	39.44 1.94 0.00	36.79 1.89 0.00	49.19 2.52 0.00	48.50 2.66 0.00	51.05 2.96 0.00	48.73 3.10 0.00	41.75 2.66 0.00	52.85 3.29 0.00	79.76 5.49 0.00	71.57 4.84 0.00	74.13 4.81 0.00	70.50 4.23 0.00	56.75 3.01 0.00	44.56 2.24 0.00	38.69 1.84 0.00
RAVENSWOOD_GT2_4 24247	34.87 2.42 0.00	31.12 2.05 0.00	30.60 1.87 0.00	30.57 1.88 0.00	30.76 1.88 0.00	33.49 1.90 0.00	34.02 1.83 0.00	40.59 2.02 0.00	39.02 1.95 0.00	39.44 1.94 0.00	36.79 1.89 0.00	49.19 2.52 0.00	48.50 2.66 0.00	51.05 2.96 0.00	48.73 3.10 0.00	41.75 2.66 0.00	52.85 3.29 0.00	79.76 5.49 0.00	71.57 4.84 0.00	74.13 4.81 0.00	70.50 4.23 0.00	56.75 3.01 0.00	44.56 2.24 0.00	38.69 1.84 0.00
RAVENSWOOD_GT3_1 24248	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.87 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.18 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.83 3.27 0.00	79.72 5.45 0.00	71.55 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.73 2.99 0.00	44.54 2.22 0.00	38.68 1.82 0.00
RAVENSWOOD_GT3_2 24249	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.87 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.18 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.73 2.64 0.00	52.83 3.27 0.00	79.72 5.45 0.00	71.55 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.73 2.99 0.00	44.54 2.22 0.00	38.68 1.82 0.00
RAVENSWOOD_GT3_3 24250	34.91 2.46 0.00	31.16 2.08 0.00	30.63 1.90 0.00	30.60 1.90 0.00	30.79 1.91 0.00	33.52 1.92 0.00	34.05 1.86 0.00	40.63 2.06 0.00	39.06 1.99 0.00	39.49 1.99 0.00	36.84 1.93 0.00	49.26 2.58 0.00	48.56 2.72 0.00	51.11 3.02 0.00	48.78 3.15 0.00	41.81 2.71 0.00	52.92 3.37 0.00	79.86 5.59 0.00	71.66 4.94 0.00	74.22 4.89 0.00	70.58 4.31 0.00	56.82 3.09 0.00	44.61 2.29 0.00	38.74 1.89 0.00
RAVENSWOOD_GT3_4 24251	34.91 2.46 0.00	31.16 2.08 0.00	30.63 1.90 0.00	30.60 1.90 0.00	30.79 1.91 0.00	33.52 1.92 0.00	34.05 1.86 0.00	40.63 2.06 0.00	39.06 1.99 0.00	39.49 1.99 0.00	36.84 1.93 0.00	49.26 2.58 0.00	48.56 2.72 0.00	51.11 3.02 0.00	48.78 3.15 0.00	41.81 2.71 0.00	52.92 3.37 0.00	79.86 5.59 0.00	71.66 4.94 0.00	74.22 4.89 0.00	70.58 4.31 0.00	56.82 3.09 0.00	44.61 2.29 0.00	38.74 1.89 0.00
RAVENSWOOD_GT_1 23729	34.95 2.49 0.00	31.21 2.13 0.00	30.67 1.94 0.00	30.66 1.96 0.00	30.84 1.96 0.00	33.54 1.95 0.00	34.09 1.90 0.00	40.67 2.10 0.00	39.10 2.02 0.00	39.54 2.04 0.00	36.87 1.97 0.00	49.32 2.65 0.00	48.64 2.80 0.00	51.17 3.07 0.00	48.85 3.22 0.00	42.07 2.77 -0.20	52.96 3.40 0.00	80.00 5.73 0.00	71.78 5.05 0.00	74.34 5.01 0.00	70.67 4.40 0.00	56.86 3.13 0.00	44.92 2.30 -0.30	38.86 1.89 -0.12
RAVENSWOOD_GT_10 24258	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.75 2.64 -0.02	52.83 3.27 0.00	79.71 5.45 0.00	71.54 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.72 2.99 0.00	44.58 2.22 -0.04	38.69 1.83 -0.01
RAVENSWOOD_GT_11 24259	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.75 2.64 -0.02	52.83 3.27 0.00	79.71 5.45 0.00	71.54 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.72 2.99 0.00	44.58 2.22 -0.04	38.69 1.83 -0.01
RAVENSWOOD_GT_4 24252	34.87 2.42 0.00	31.10 2.03 0.00	30.58 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.43 1.92 0.00	36.76 1.86 0.00	49.17 2.49 0.00	48.46 2.62 0.00	51.01 2.92 0.00	48.69 3.05 0.00	41.88 2.63 -0.15	52.82 3.27 0.00	79.68 5.42 0.00	71.52 4.79 0.00	74.07 4.74 0.00	70.45 4.18 0.00	56.71 2.98 0.00	44.77 2.22 -0.23	38.77 1.83 -0.09
RAVENSWOOD_GT_5 24254	34.87 2.42 0.00	31.10 2.03 0.00	30.58 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.43 1.92 0.00	36.76 1.86 0.00	49.17 2.49 0.00	48.46 2.62 0.00	51.01 2.92 0.00	48.69 3.05 0.00	41.88 2.63 -0.15	52.82 3.27 0.00	79.68 5.42 0.00	71.52 4.79 0.00	74.07 4.74 0.00	70.45 4.18 0.00	56.71 2.98 0.00	44.77 2.22 -0.23	38.77 1.83 -0.09
RAVENSWOOD_GT_6 24253	34.87 2.42 0.00	31.10 2.03 0.00	30.58 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.43 1.92 0.00	36.76 1.86 0.00	49.17 2.49 0.00	48.46 2.62 0.00	51.01 2.92 0.00	48.69 3.05 0.00	41.88 2.63 -0.15	52.82 3.27 0.00	79.68 5.42 0.00	71.52 4.79 0.00	74.07 4.74 0.00	70.45 4.18 0.00	56.71 2.98 0.00	44.77 2.22 -0.23	38.77 1.83 -0.09
RAVENSWOOD_GT_7 24255	34.87 2.42 0.00	31.10 2.03 0.00	30.58 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.56 1.98 0.00	38.99 1.91 0.00	39.43 1.92 0.00	36.76 1.86 0.00	49.17 2.49 0.00	48.46 2.62 0.00	51.01 2.92 0.00	48.69 3.05 0.00	41.88 2.63 -0.15	52.82 3.27 0.00	79.68 5.42 0.00	71.52 4.79 0.00	74.07 4.74 0.00	70.45 4.18 0.00	56.71 2.98 0.00	44.77 2.22 -0.23	38.77 1.83 -0.09
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.75 2.64 -0.02	52.83 3.27 0.00	79.71 5.45 0.00	71.54 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.72 2.99 0.00	44.58 2.22 -0.04	38.69 1.83 -0.01
RAVENSWOOD_GT_9 24257	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.86 0.00	30.56 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 1.99 0.00	38.99 1.92 0.00	39.43 1.92 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.48 2.64 0.00	51.03 2.93 0.00	48.69 3.06 0.00	41.75 2.64 -0.02	52.83 3.27 0.00	79.71 5.45 0.00	71.54 4.82 0.00	74.09 4.76 0.00	70.46 4.19 0.00	56.72 2.99 0.00	44.58 2.22 -0.04	38.69 1.83 -0.01

RAVENSWOOD___1 23533	34.88 2.43 0.00	31.15 2.08 0.00	30.61 1.88 0.00	30.60 1.90 0.00	30.79 1.91 0.00	33.49 1.90 0.00	34.04 1.85 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.48 1.97 0.00	36.82 1.92 0.00	49.25 2.58 0.00	48.57 2.73 0.00	51.11 3.02 0.00	48.79 3.15 0.00	41.62 2.72 0.20	52.90 3.34 0.00	79.90 5.63 0.00	71.70 4.97 0.00	74.23 4.90 0.00	70.58 4.31 0.00	56.80 3.07 0.00	44.28 2.25 0.30	38.58 1.85 0.12
RAVENSWOOD___2 23534	34.88 2.43 0.00	31.15 2.08 0.00	30.61 1.88 0.00	30.60 1.90 0.00	30.79 1.91 0.00	33.49 1.90 0.00	34.04 1.85 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.48 1.97 0.00	36.82 1.92 0.00	49.25 2.58 0.00	48.57 2.73 0.00	51.11 3.02 0.00	48.79 3.15 0.00	41.62 2.72 0.20	52.90 3.34 0.00	79.90 5.63 0.00	71.70 4.97 0.00	74.23 4.90 0.00	70.58 4.31 0.00	56.80 3.07 0.00	44.28 2.25 0.30	38.58 1.85 0.12
RAVENSWOOD___3 23535	34.87 2.42 0.00	31.11 2.04 0.00	30.59 1.87 0.00	30.57 1.86 0.00	30.75 1.87 0.00	33.48 1.88 0.00	34.00 1.81 0.00	40.57 2.00 0.00	38.99 1.92 0.00	39.43 1.93 0.00	36.77 1.86 0.00	49.17 2.50 0.00	48.49 2.64 0.00	51.03 2.94 0.00	48.70 3.07 0.00	41.74 2.65 0.00	52.84 3.28 0.00	79.72 5.46 0.00	71.55 4.83 0.00	74.09 4.76 0.00	70.47 4.20 0.00	56.72 2.99 0.00	44.54 2.22 0.00	38.68 1.83 0.00
RAVENSWOOD___4 23820	34.88 2.43 0.00	31.15 2.08 0.00	30.61 1.88 0.00	30.60 1.90 0.00	30.79 1.91 0.00	33.49 1.90 0.00	34.04 1.85 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.48 1.97 0.00	36.82 1.92 0.00	49.25 2.58 0.00	48.57 2.73 0.00	51.11 3.02 0.00	48.79 3.15 0.00	41.62 2.72 0.20	52.90 3.34 0.00	79.90 5.63 0.00	71.70 4.97 0.00	74.23 4.90 0.00	70.58 4.31 0.00	56.80 3.07 0.00	44.28 2.25 0.30	38.58 1.85 0.12
RCPL_TRUST___DRP 24196	34.85 2.40 0.00	31.10 2.03 0.00	30.58 1.86 0.00	30.55 1.85 0.00	30.74 1.87 0.00	33.47 1.88 0.00	33.99 1.80 0.00	40.55 1.98 0.00	38.98 1.90 0.00	39.41 1.90 0.00	36.75 1.84 0.00	49.14 2.46 0.00	48.44 2.60 0.00	50.99 2.89 0.00	48.67 3.04 0.00	41.70 2.60 0.00	52.79 3.24 0.00	79.66 5.40 0.00	71.49 4.77 0.00	74.02 4.69 0.00	70.39 4.12 0.00	56.66 2.93 0.00	44.50 2.18 0.00	38.64 1.79 0.00
RED___ROCHESTER 323720	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.40 0.00	28.30 -0.41 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.56 0.00	34.48 -0.43 0.00	45.95 -0.72 0.00	45.07 -0.78 0.00	46.92 -1.17 0.00	44.12 -1.52 0.00	37.62 -1.47 0.00	47.51 -2.04 0.00	70.51 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.64 -1.68 0.00	35.73 -1.12 0.00
REGAN___SOLAR 323812	34.68 2.23 0.00	31.00 1.93 0.00	30.61 1.88 0.00	30.58 1.88 0.00	30.74 1.86 0.00	33.63 2.04 0.00	34.22 2.03 0.00	40.88 2.31 0.00	39.27 2.19 0.00	39.49 1.99 0.00	36.44 1.53 0.00	49.51 2.83 0.00	48.41 2.57 0.00	50.48 2.38 0.00	48.25 2.62 0.00	40.94 1.84 0.00	51.47 1.91 0.00	78.88 4.61 0.00	71.07 4.34 0.00	74.09 4.76 0.00	70.95 4.68 0.00	57.44 3.70 0.00	45.10 2.78 0.00	39.24 2.39 0.00
RENSSELAER___COGEN 23796	33.10 0.65 0.00	29.65 0.58 0.00	29.25 0.53 0.00	29.23 0.53 0.00	29.39 0.52 0.00	32.13 0.54 0.00	32.53 0.34 0.00	38.83 0.25 0.00	37.29 0.21 0.00	37.59 0.09 0.00	34.88 -0.03 0.00	46.63 -0.04 0.00	45.86 0.02 0.00	48.41 0.31 0.00	46.04 0.40 0.00	39.51 0.42 0.00	50.17 0.62 0.00	75.37 1.11 0.00	67.78 1.06 0.00	70.21 0.88 0.00	67.12 0.85 0.00	54.29 0.56 0.00	42.73 0.41 0.00	37.09 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.55 3.10 0.00	31.64 2.56 0.00	31.14 2.41 0.00	31.07 2.37 0.00	31.34 2.47 0.00	34.45 2.86 0.00	34.98 2.79 0.00	41.66 3.08 0.00	39.85 2.77 0.00	40.89 3.38 0.00	37.80 2.90 0.00	50.95 4.28 0.00	49.68 3.84 0.00	52.62 4.52 0.00	50.16 4.52 0.00	42.15 3.05 0.00	53.16 3.61 0.00	79.29 5.02 0.00	70.68 3.95 0.00	73.25 3.92 0.00	70.11 3.85 0.00	56.66 2.93 0.00	44.58 2.26 0.00	39.30 2.44 0.00
REVERE_CPPR_DRP 24186	33.22 0.77 0.00	29.78 0.71 0.00	29.39 0.66 0.00	29.37 0.67 0.00	29.54 0.67 0.00	32.34 0.75 0.00	32.90 0.71 0.00	39.42 0.84 0.00	37.98 0.90 0.00	38.49 0.98 0.00	35.86 0.95 0.00	47.93 1.25 0.00	47.03 1.18 0.00	49.27 1.17 0.00	46.51 0.88 0.00	39.81 0.71 0.00	50.60 1.05 0.00	76.02 1.76 0.00	68.44 1.72 0.00	71.14 1.82 0.00	68.03 1.76 0.00	55.05 1.32 0.00	43.26 0.94 0.00	37.61 0.76 0.00
REYNLDPA_13_KV_LD 356490	32.18 -0.27 0.00	28.90 -0.17 0.00	28.64 -0.09 0.00	28.61 -0.09 0.00	28.80 -0.07 0.00	31.61 0.02 0.00	32.58 0.38 0.00	39.40 0.82 0.00	37.79 0.71 0.00	38.27 0.76 0.00	35.65 0.74 0.00	47.62 0.95 0.00	46.69 0.85 0.00	48.74 0.64 0.00	46.24 0.61 0.00	39.72 0.63 0.00	50.17 0.62 0.00	75.25 0.98 0.00	67.63 0.91 0.00	70.44 1.12 0.00	67.45 1.18 0.00	55.07 1.33 0.00	43.47 1.15 0.00	37.84 0.99 0.00
REYNOLDS_115KV_TB3 80639	33.35 0.90 0.00	29.85 0.78 0.00	29.45 0.72 0.00	29.42 0.72 0.00	29.59 0.71 0.00	32.34 0.75 0.00	32.74 0.55 0.00	39.11 0.53 0.00	37.51 0.43 0.00	37.79 0.28 0.00	35.07 0.17 0.00	46.95 0.28 0.00	46.14 0.30 0.00	48.73 0.64 0.00	46.32 0.69 0.00	39.73 0.64 0.00	50.53 0.98 0.00	75.92 1.66 0.00	68.26 1.54 0.00	70.67 1.34 0.00	67.59 1.32 0.00	54.66 0.93 0.00	43.04 0.71 0.00	37.37 0.52 0.00
RIVERBAY____ 323610	35.55 3.10 0.00	31.78 2.70 0.00	31.17 2.44 0.00	31.35 2.65 0.00	31.60 2.73 0.00	34.46 2.87 0.00	35.03 2.84 0.00	41.56 2.98 0.00	39.78 2.71 0.00	40.24 2.74 0.00	37.59 2.69 0.00	50.20 3.53 0.00	49.33 3.49 0.00	51.93 3.84 0.00	49.62 3.99 0.00	42.52 3.42 0.00	53.81 4.25 0.00	81.26 6.99 0.00	72.82 6.10 0.00	75.49 6.16 0.00	71.72 5.45 0.00	57.73 4.00 0.00	45.33 3.00 0.00	39.37 2.52 0.00
RIVERSDE_115KV_TB3 55908	33.25 0.80 0.00	29.77 0.70 0.00	29.37 0.64 0.00	29.34 0.64 0.00	29.50 0.63 0.00	32.25 0.66 0.00	32.65 0.46 0.00	38.99 0.41 0.00	37.42 0.35 0.00	37.72 0.22 0.00	35.01 0.10 0.00	46.83 0.16 0.00	46.05 0.21 0.00	48.62 0.53 0.00	46.23 0.60 0.00	39.66 0.56 0.00	50.40 0.84 0.00	75.73 1.46 0.00	68.08 1.35 0.00	70.51 1.18 0.00	67.42 1.15 0.00	54.51 0.78 0.00	42.91 0.59 0.00	37.25 0.40 0.00
ROARING___BROOK_WT_PWR 323790	32.10 -0.35 0.00	28.85 -0.22 0.00	28.55 -0.18 0.00	28.53 -0.17 0.00	28.71 -0.17 0.00	31.45 -0.15 0.00	32.18 -0.01 0.00	38.71 0.13 0.00	37.17 0.09 0.00	37.61 0.11 0.00	35.01 0.10 0.00	46.78 0.11 0.00	45.93 0.09 0.00	48.08 -0.02 0.00	45.62 -0.01 0.00	39.14 0.04 0.00	49.55 -0.01 0.00	74.27 0.01 0.00	66.74 0.01 0.00	69.40 0.08 0.00	66.41 0.14 0.00	53.99 0.26 0.00	42.57 0.25 0.00	37.07 0.22 0.00

ROCHESRG_115KV_T4 355643	31.65 -0.81 0.00	28.38 -0.69 0.00	28.09 -0.63 0.00	28.08 -0.63 0.00	28.16 -0.71 0.00	30.81 -0.79 0.00	31.29 -0.91 0.00	37.17 -1.41 0.00	35.98 -1.10 0.00	36.59 -0.92 0.00	34.14 -0.77 0.00	45.48 -1.19 0.00	44.61 -1.24 0.00	46.45 -1.65 0.00	43.66 -1.98 0.00	37.23 -1.87 0.00	47.01 -2.54 0.00	69.75 -4.52 0.00	62.66 -4.07 0.00	65.23 -4.10 0.00	62.62 -3.64 0.00	50.99 -2.74 0.00	40.23 -2.09 0.00	35.40 -1.46 0.00
ROCHESTER_9_IC 23652	31.80 -0.65 0.00	28.50 -0.58 0.00	28.21 -0.52 0.00	28.19 -0.51 0.00	28.28 -0.60 0.00	30.94 -0.65 0.00	31.43 -0.76 0.00	37.35 -1.23 0.00	36.16 -0.92 0.00	36.78 -0.73 0.00	34.32 -0.59 0.00	45.73 -0.95 0.00	44.84 -1.00 0.00	46.70 -1.40 0.00	43.89 -1.75 0.00	37.43 -1.67 0.00	47.27 -2.29 0.00	70.13 -4.13 0.00	63.01 -3.71 0.00	65.59 -3.74 0.00	63.00 -3.27 0.00	51.28 -2.46 0.00	40.45 -1.87 0.00	35.56 -1.29 0.00
ROCKVIEW_13_KV_LD 356306	34.92 2.47 0.00	31.13 2.06 0.00	30.60 1.88 0.00	30.52 1.82 0.00	30.72 1.84 0.00	33.46 1.86 0.00	33.96 1.77 0.00	40.52 1.94 0.00	38.92 1.85 0.00	39.35 1.84 0.00	36.72 1.81 0.00	49.14 2.46 0.00	48.46 2.61 0.00	51.03 2.93 0.00	48.68 3.05 0.00	41.74 2.65 0.00	52.90 3.34 0.00	79.74 5.48 0.00	71.61 4.88 0.00	74.16 4.83 0.00	70.58 4.31 0.00	56.83 3.10 0.00	44.62 2.30 0.00	38.73 1.88 0.00
ROME____115KV_TB2 80656	33.22 0.77 0.00	29.78 0.71 0.00	29.39 0.66 0.00	29.37 0.67 0.00	29.54 0.67 0.00	32.34 0.75 0.00	32.90 0.71 0.00	39.42 0.84 0.00	37.98 0.90 0.00	38.49 0.98 0.00	35.86 0.95 0.00	47.93 1.25 0.00	47.03 1.18 0.00	49.27 1.17 0.00	46.51 0.88 0.00	39.81 0.71 0.00	50.60 1.05 0.00	76.02 1.76 0.00	68.44 1.72 0.00	71.14 1.82 0.00	68.03 1.76 0.00	55.05 1.32 0.00	43.26 0.94 0.00	37.61 0.76 0.00
ROSETON___1 23587	34.27 1.82 0.00	30.60 1.53 0.00	30.16 1.43 0.00	30.13 1.43 0.00	30.35 1.47 0.00	33.09 1.49 0.00	33.57 1.38 0.00	40.06 1.49 0.00	38.47 1.39 0.00	38.84 1.33 0.00	36.18 1.27 0.00	48.41 1.73 0.00	47.71 1.87 0.00	50.26 2.16 0.00	47.92 2.29 0.00	41.06 1.97 0.00	52.09 2.54 0.00	78.50 4.23 0.00	70.47 3.74 0.00	73.03 3.71 0.00	69.56 3.29 0.00	56.08 2.35 0.00	44.07 1.75 0.00	38.27 1.42 0.00
ROSETON___2 23588	34.27 1.82 0.00	30.60 1.53 0.00	30.16 1.43 0.00	30.13 1.43 0.00	30.35 1.47 0.00	33.09 1.49 0.00	33.57 1.38 0.00	40.06 1.49 0.00	38.47 1.39 0.00	38.84 1.33 0.00	36.18 1.27 0.00	48.41 1.73 0.00	47.71 1.87 0.00	50.26 2.16 0.00	47.92 2.29 0.00	41.06 1.97 0.00	52.09 2.54 0.00	78.50 4.23 0.00	70.47 3.74 0.00	73.03 3.71 0.00	69.56 3.29 0.00	56.08 2.35 0.00	44.07 1.75 0.00	38.27 1.42 0.00
ROTRRDAM_115KV_TB3 80664	33.53 1.08 0.00	29.99 0.92 0.00	29.61 0.88 0.00	29.57 0.88 0.00	29.74 0.87 0.00	32.51 0.92 0.00	33.02 0.83 0.00	39.46 0.88 0.00	37.87 0.79 0.00	38.27 0.76 0.00	35.54 0.63 0.00	47.65 0.98 0.00	46.83 0.99 0.00	49.23 1.13 0.00	46.78 1.15 0.00	39.98 0.89 0.00	50.70 1.15 0.00	76.17 1.90 0.00	68.44 1.71 0.00	71.00 1.67 0.00	67.83 1.56 0.00	54.92 1.18 0.00	43.23 0.91 0.00	37.67 0.81 0.00
RUSSELL___1 23602	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.57 0.00	34.49 -0.42 0.00	45.95 -0.73 0.00	45.07 -0.77 0.00	46.93 -1.17 0.00	44.11 -1.53 0.00	37.62 -1.48 0.00	47.52 -2.04 0.00	70.50 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.65 -1.68 0.00	35.73 -1.12 0.00
RUSSELL___2 23532	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.57 0.00	34.49 -0.42 0.00	45.95 -0.73 0.00	45.07 -0.77 0.00	46.93 -1.17 0.00	44.11 -1.53 0.00	37.62 -1.48 0.00	47.52 -2.04 0.00	70.50 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.65 -1.68 0.00	35.73 -1.12 0.00
RUSSELL___3 23549	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.57 0.00	34.49 -0.42 0.00	45.95 -0.73 0.00	45.07 -0.77 0.00	46.93 -1.17 0.00	44.11 -1.53 0.00	37.62 -1.48 0.00	47.52 -2.04 0.00	70.50 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.65 -1.68 0.00	35.73 -1.12 0.00
RUSSELL___4 23556	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.57 0.00	34.49 -0.42 0.00	45.95 -0.73 0.00	45.07 -0.77 0.00	46.93 -1.17 0.00	44.11 -1.53 0.00	37.62 -1.48 0.00	47.52 -2.04 0.00	70.50 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.65 -1.68 0.00	35.73 -1.12 0.00
RUSSELL___STATION 23914	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.57 0.00	34.49 -0.42 0.00	45.95 -0.73 0.00	45.07 -0.77 0.00	46.93 -1.17 0.00	44.11 -1.53 0.00	37.62 -1.48 0.00	47.52 -2.04 0.00	70.50 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.65 -1.68 0.00	35.73 -1.12 0.00
S SALMON___HYD 24043	31.88 -0.57 0.00	28.68 -0.39 0.00	28.34 -0.39 0.00	28.35 -0.35 0.00	28.51 -0.36 0.00	31.20 -0.39 0.00	31.65 -0.54 0.00	37.84 -0.73 0.00	36.48 -0.60 0.00	37.07 -0.44 0.00	34.48 -0.43 0.00	45.96 -0.72 0.00	45.07 -0.77 0.00	47.19 -0.91 0.00	44.62 -1.01 0.00	38.19 -0.91 0.00	48.44 -1.11 0.00	72.48 -1.79 0.00	65.36 -1.37 0.00	68.01 -1.32 0.00	65.22 -1.05 0.00	52.71 -1.02 0.00	41.46 -0.86 0.00	36.09 -0.76 0.00
S.PERRY__115KV_TB1 80734	32.75 0.30 0.00	29.31 0.24 0.00	29.05 0.32 0.00	29.03 0.33 0.00	29.05 0.18 0.00	31.84 0.24 0.00	32.31 0.12 0.00	38.53 -0.04 0.00	37.35 0.27 0.00	37.95 0.44 0.00	35.42 0.51 0.00	47.01 0.33 0.00	45.93 0.09 0.00	47.82 -0.28 0.00	44.74 -0.90 0.00	38.46 -0.64 0.00	48.69 -0.86 0.00	72.21 -2.06 0.00	64.98 -1.75 0.00	67.85 -1.48 0.00	65.28 -0.99 0.00	52.99 -0.74 0.00	41.66 -0.66 0.00	36.56 -0.30 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.26 -1.19 0.00	28.02 -1.06 0.00	27.79 -0.93 0.00	27.77 -0.92 0.00	27.80 -1.08 0.00	30.40 -1.20 0.00	30.84 -1.35 0.00	36.53 -2.05 0.00	35.43 -1.65 0.00	36.14 -1.37 0.00	33.79 -1.12 0.00	44.92 -1.76 0.00	44.04 -1.80 0.00	45.68 -2.41 0.00	42.67 -2.96 0.00	36.31 -2.79 0.00	45.65 -3.91 0.00	67.15 -7.11 0.00	60.28 -6.45 0.00	62.85 -6.48 0.00	60.46 -5.81 0.00	49.43 -4.31 0.00	39.15 -3.17 0.00	34.73 -2.12 0.00

SAWYER___23_KV_LOAD 55526	31.26 -1.19 0.00	28.02 -1.06 0.00	27.79 -0.93 0.00	27.77 -0.92 0.00	27.80 -1.08 0.00	30.40 -1.20 0.00	30.84 -1.35 0.00	36.53 -2.05 0.00	35.43 -1.65 0.00	36.14 -1.37 0.00	33.79 -1.12 0.00	44.92 -1.76 0.00	44.04 -1.80 0.00	45.68 -2.41 0.00	42.67 -2.96 0.00	36.31 -2.79 0.00	45.65 -3.91 0.00	67.15 -7.11 0.00	60.28 -6.45 0.00	62.85 -6.48 0.00	60.46 -5.81 0.00	49.43 -4.31 0.00	39.15 -3.17 0.00	34.73 -2.12 0.00
SELKIRK___I 23801	33.34 0.89 0.00	29.87 0.80 0.00	29.49 0.76 0.00	29.46 0.76 0.00	29.62 0.74 0.00	32.38 0.79 0.00	32.78 0.59 0.00	39.00 0.42 0.00	37.42 0.34 0.00	37.83 0.33 0.00	35.01 0.10 0.00	46.75 0.07 0.00	46.04 0.20 0.00	48.53 0.44 0.00	46.16 0.53 0.00	39.62 0.53 0.00	50.27 0.72 0.00	75.48 1.21 0.00	67.97 1.24 0.00	70.56 1.23 0.00	67.54 1.28 0.00	54.69 0.96 0.00	43.08 0.76 0.00	37.41 0.56 0.00
SELKIRK___II 23799	33.21 0.76 0.00	29.74 0.67 0.00	29.35 0.62 0.00	29.32 0.61 0.00	29.49 0.62 0.00	32.22 0.63 0.00	32.65 0.46 0.00	39.00 0.42 0.00	37.42 0.35 0.00	37.77 0.26 0.00	35.06 0.15 0.00	46.87 0.20 0.00	46.11 0.27 0.00	48.64 0.54 0.00	46.25 0.61 0.00	39.67 0.58 0.00	50.34 0.79 0.00	75.61 1.34 0.00	67.97 1.25 0.00	70.43 1.11 0.00	67.31 1.04 0.00	54.48 0.74 0.00	42.87 0.55 0.00	37.24 0.39 0.00
SENECA OSWGO___HYD 24041	31.72 -0.73 0.00	28.48 -0.59 0.00	28.14 -0.59 0.00	28.12 -0.58 0.00	28.27 -0.60 0.00	30.92 -0.67 0.00	31.36 -0.83 0.00	37.35 -1.22 0.00	36.03 -1.05 0.00	36.50 -1.01 0.00	34.01 -0.90 0.00	45.42 -1.25 0.00	44.55 -1.29 0.00	46.65 -1.44 0.00	44.18 -1.45 0.00	37.84 -1.26 0.00	48.02 -1.54 0.00	71.76 -2.51 0.00	64.52 -2.20 0.00	67.07 -2.26 0.00	64.15 -2.12 0.00	51.86 -1.88 0.00	40.81 -1.51 0.00	35.59 -1.26 0.00
SENECA___115KV_TB3 355854	31.58 -0.87 0.00	28.27 -0.80 0.00	28.04 -0.68 0.00	28.04 -0.67 0.00	28.05 -0.83 0.00	30.67 -0.92 0.00	31.12 -1.07 0.00	36.90 -1.67 0.00	35.77 -1.31 0.00	36.50 -1.01 0.00	34.14 -0.77 0.00	45.40 -1.27 0.00	44.52 -1.33 0.00	46.19 -1.91 0.00	43.15 -2.48 0.00	36.77 -2.33 0.00	46.24 -3.31 0.00	68.10 -6.16 0.00	61.10 -5.62 0.00	63.72 -5.61 0.00	61.22 -5.05 0.00	49.95 -3.78 0.00	39.52 -2.80 0.00	35.02 -1.83 0.00
SENECA___ENERGY 23797	32.02 -0.43 0.00	28.68 -0.39 0.00	28.36 -0.36 0.00	28.37 -0.33 0.00	28.47 -0.40 0.00	31.15 -0.45 0.00	31.62 -0.57 0.00	37.70 -0.87 0.00	36.42 -0.66 0.00	36.99 -0.52 0.00	34.50 -0.41 0.00	46.01 -0.66 0.00	45.14 -0.70 0.00	47.11 -0.99 0.00	44.49 -1.15 0.00	38.03 -1.06 0.00	48.16 -1.40 0.00	71.88 -2.39 0.00	64.45 -2.28 0.00	67.09 -2.24 0.00	64.18 -2.09 0.00	52.06 -1.68 0.00	41.06 -1.26 0.00	35.91 -0.94 0.00
SHOEMAKER___GT 23640	34.25 1.80 0.00	30.58 1.51 0.00	30.12 1.40 0.00	30.12 1.42 0.00	30.37 1.50 0.00	33.12 1.53 0.00	33.62 1.43 0.00	40.12 1.55 0.00	38.47 1.39 0.00	38.82 1.32 0.00	36.17 1.26 0.00	48.37 1.69 0.00	47.72 1.88 0.00	50.32 2.22 0.00	48.05 2.42 0.00	41.00 1.90 0.00	52.06 2.51 0.00	78.53 4.26 0.00	70.54 3.82 0.00	73.23 3.90 0.00	69.76 3.50 0.00	56.24 2.50 0.00	44.16 1.84 0.00	38.33 1.48 0.00
SHOEMAKR_138KV_BK 111 55601	34.25 1.80 0.00	30.58 1.51 0.00	30.12 1.39 0.00	30.12 1.42 0.00	30.37 1.49 0.00	33.12 1.52 0.00	33.62 1.43 0.00	40.12 1.55 0.00	38.49 1.41 0.00	38.85 1.34 0.00	36.20 1.29 0.00	48.42 1.75 0.00	47.77 1.93 0.00	50.35 2.25 0.00	48.07 2.44 0.00	41.05 1.96 0.00	52.10 2.54 0.00	78.57 4.31 0.00	70.58 3.85 0.00	73.23 3.91 0.00	69.76 3.49 0.00	56.22 2.49 0.00	44.16 1.84 0.00	38.33 1.47 0.00
SHOREHAM_IC_1 23715	35.65 3.21 0.00	31.47 2.40 0.00	30.90 2.17 0.00	30.77 2.07 0.00	30.97 2.10 0.00	33.69 2.09 0.00	34.16 1.97 0.00	40.47 1.89 0.00	38.74 1.66 0.00	38.42 1.52 0.60	33.19 1.57 3.28	43.33 1.86 5.21	46.26 2.19 1.77	45.90 1.96 4.15	43.01 1.97 4.59	38.44 2.03 2.68	49.60 2.27 2.23	75.20 4.58 3.65	69.09 4.08 1.72	70.90 4.56 2.99	67.93 4.37 2.71	52.70 3.46 4.50	44.64 2.33 0.00	38.73 1.88 0.00
SHOREHAM_IC_2 23716	35.64 3.20 0.00	31.46 2.39 0.00	30.90 2.17 0.00	30.77 2.07 0.00	30.97 2.10 0.00	33.69 2.09 0.00	34.16 1.97 0.00	40.47 1.89 0.00	38.74 1.66 0.00	38.42 1.52 0.60	33.18 1.56 3.28	43.34 1.87 5.21	46.25 2.18 1.77	45.89 1.95 4.15	43.01 1.97 4.59	38.43 2.02 2.68	49.60 2.27 2.23	75.20 4.58 3.65	69.10 4.08 1.72	70.90 4.56 2.99	67.93 4.37 2.71	52.70 3.46 4.50	44.65 2.33 0.00	38.73 1.88 0.00
SISSONVILLE____ 23735	31.20 -1.25 0.00	28.05 -1.01 0.00	27.80 -0.93 0.00	27.79 -0.91 0.00	27.98 -0.89 0.00	30.74 -0.85 0.00	31.74 -0.45 0.00	38.67 0.09 0.00	37.10 0.02 0.00	37.58 0.08 0.00	34.98 0.07 0.00	46.63 -0.04 0.00	45.66 -0.18 0.00	47.62 -0.47 0.00	45.17 -0.47 0.00	38.72 -0.38 0.00	48.68 -0.87 0.00	73.20 -1.07 0.00	65.97 -0.76 0.00	68.89 -0.44 0.00	66.10 -0.17 0.00	53.95 0.22 0.00	42.78 0.45 0.00	37.19 0.34 0.00
SITHE_IND_GS1 24169	31.45 -1.00 0.00	28.26 -0.81 0.00	27.94 -0.79 0.00	27.92 -0.78 0.00	28.07 -0.80 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.08 -1.50 0.00	35.71 -1.37 0.00	36.16 -1.34 0.00	33.66 -1.24 0.00	44.97 -1.71 0.00	44.12 -1.73 0.00	46.25 -1.85 0.00	43.79 -1.84 0.00	37.50 -1.60 0.00	47.52 -2.03 0.00	71.05 -3.21 0.00	63.86 -2.87 0.00	66.37 -2.96 0.00	63.49 -2.78 0.00	51.45 -2.28 0.00	40.53 -1.80 0.00	35.37 -1.48 0.00
SITHE_IND_GS2 24170	31.45 -1.00 0.00	28.26 -0.81 0.00	27.94 -0.79 0.00	27.92 -0.78 0.00	28.07 -0.80 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.08 -1.50 0.00	35.71 -1.37 0.00	36.16 -1.34 0.00	33.66 -1.24 0.00	44.97 -1.71 0.00	44.12 -1.73 0.00	46.25 -1.85 0.00	43.79 -1.84 0.00	37.50 -1.60 0.00	47.52 -2.03 0.00	71.05 -3.21 0.00	63.86 -2.87 0.00	66.37 -2.96 0.00	63.49 -2.78 0.00	51.45 -2.28 0.00	40.53 -1.80 0.00	35.37 -1.48 0.00
SITHE_IND_GS3 24171	31.45 -1.00 0.00	28.26 -0.81 0.00	27.94 -0.79 0.00	27.92 -0.78 0.00	28.07 -0.80 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.08 -1.50 0.00	35.71 -1.37 0.00	36.16 -1.34 0.00	33.66 -1.24 0.00	44.97 -1.71 0.00	44.12 -1.73 0.00	46.25 -1.85 0.00	43.79 -1.84 0.00	37.50 -1.60 0.00	47.52 -2.03 0.00	71.05 -3.21 0.00	63.86 -2.87 0.00	66.37 -2.96 0.00	63.49 -2.78 0.00	51.45 -2.28 0.00	40.53 -1.80 0.00	35.37 -1.48 0.00
SITHE_IND_GS4 24172	31.45 -1.00 0.00	28.26 -0.81 0.00	27.94 -0.79 0.00	27.92 -0.78 0.00	28.07 -0.80 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.08 -1.50 0.00	35.71 -1.37 0.00	36.16 -1.34 0.00	33.66 -1.24 0.00	44.97 -1.71 0.00	44.12 -1.73 0.00	46.25 -1.85 0.00	43.79 -1.84 0.00	37.50 -1.60 0.00	47.52 -2.03 0.00	71.05 -3.21 0.00	63.86 -2.87 0.00	66.37 -2.96 0.00	63.49 -2.78 0.00	51.45 -2.28 0.00	40.53 -1.80 0.00	35.37 -1.48 0.00

SITHE___BATAVIA 24024	31.99 -0.46 0.00	28.65 -0.43 0.00	28.38 -0.35 0.00	28.35 -0.35 0.00	28.40 -0.48 0.00	31.08 -0.51 0.00	31.59 -0.61 0.00	37.48 -1.10 0.00	36.38 -0.70 0.00	37.06 -0.45 0.00	34.56 -0.35 0.00	45.94 -0.74 0.00	45.05 -0.80 0.00	46.73 -1.36 0.00	43.68 -1.96 0.00	37.24 -1.85 0.00	46.96 -2.60 0.00	69.25 -5.01 0.00	62.22 -4.51 0.00	64.82 -4.50 0.00	62.45 -3.82 0.00	51.01 -2.72 0.00	40.37 -1.95 0.00	35.65 -1.20 0.00
SITHE___INDEPEND 23800	31.45 -1.00 0.00	28.26 -0.81 0.00	27.94 -0.79 0.00	27.92 -0.78 0.00	28.07 -0.80 0.00	30.70 -0.89 0.00	31.14 -1.05 0.00	37.08 -1.49 0.00	35.71 -1.37 0.00	36.16 -1.35 0.00	33.67 -1.24 0.00	44.97 -1.71 0.00	44.12 -1.72 0.00	46.25 -1.85 0.00	43.79 -1.84 0.00	37.50 -1.60 0.00	47.52 -2.03 0.00	71.05 -3.21 0.00	63.86 -2.87 0.00	66.36 -2.96 0.00	63.49 -2.78 0.00	51.45 -2.29 0.00	40.52 -1.80 0.00	35.37 -1.48 0.00
SITHE___MASSENA 23902	32.05 -0.40 0.00	28.78 -0.29 0.00	28.53 -0.20 0.00	28.50 -0.20 0.00	28.69 -0.18 0.00	31.49 -0.11 0.00	32.47 0.28 0.00	39.43 0.86 0.00	37.83 0.75 0.00	38.31 0.81 0.00	35.68 0.77 0.00	47.63 0.96 0.00	46.69 0.85 0.00	48.73 0.63 0.00	46.23 0.60 0.00	39.68 0.59 0.00	49.95 0.40 0.00	74.94 0.68 0.00	67.39 0.66 0.00	70.24 0.91 0.00	67.28 1.02 0.00	54.93 1.20 0.00	43.53 1.20 0.00	37.89 1.04 0.00
SITHE___OGDNSBRG 24021	32.18 -0.27 0.00	28.90 -0.17 0.00	28.64 -0.09 0.00	28.62 -0.09 0.00	28.81 -0.07 0.00	31.66 0.07 0.00	32.72 0.53 0.00	39.84 1.26 0.00	38.20 1.12 0.00	38.65 1.15 0.00	35.93 1.02 0.00	47.76 1.09 0.00	46.67 0.83 0.00	48.67 0.58 0.00	46.18 0.55 0.00	39.55 0.45 0.00	49.76 0.21 0.00	74.96 0.69 0.00	67.62 0.89 0.00	70.85 1.52 0.00	68.11 1.84 0.00	55.61 1.88 0.00	44.05 1.73 0.00	38.31 1.46 0.00
SITHE___STERLING 23777	33.03 0.57 0.00	29.59 0.52 0.00	29.21 0.48 0.00	29.18 0.48 0.00	29.35 0.48 0.00	32.12 0.53 0.00	32.65 0.46 0.00	39.05 0.48 0.00	37.63 0.55 0.00	38.10 0.59 0.00	35.48 0.57 0.00	47.45 0.78 0.00	46.56 0.72 0.00	48.80 0.70 0.00	46.11 0.48 0.00	39.48 0.39 0.00	50.18 0.63 0.00	75.29 1.02 0.00	67.73 1.01 0.00	70.40 1.07 0.00	67.30 1.03 0.00	54.47 0.74 0.00	42.83 0.50 0.00	37.26 0.40 0.00
SLEIGHT__34_KV_TB1 80719	31.75 -0.70 0.00	28.46 -0.62 0.00	28.14 -0.59 0.00	28.12 -0.58 0.00	28.23 -0.65 0.00	30.90 -0.70 0.00	31.38 -0.81 0.00	37.38 -1.20 0.00	36.14 -0.94 0.00	36.74 -0.77 0.00	34.25 -0.66 0.00	45.68 -0.99 0.00	44.78 -1.06 0.00	46.74 -1.35 0.00	44.08 -1.55 0.00	37.64 -1.46 0.00	47.64 -1.92 0.00	70.96 -3.31 0.00	63.70 -3.02 0.00	66.30 -3.03 0.00	63.56 -2.71 0.00	51.62 -2.11 0.00	40.64 -1.68 0.00	35.61 -1.24 0.00
SMITHTWN_69_KV_BK 1 55830	35.63 3.18 0.00	31.56 2.49 0.00	30.98 2.25 0.00	30.86 2.16 0.00	31.05 2.17 0.00	33.77 2.17 0.00	34.24 2.05 0.00	40.56 1.99 0.00	38.89 1.82 0.00	38.67 1.76 0.59	33.60 1.88 3.19	43.97 2.33 5.04	46.62 2.50 1.72	46.41 2.34 4.03	43.57 2.38 4.45	38.88 2.38 2.60	50.12 2.72 2.16	75.62 4.89 3.53	69.41 4.34 1.66	71.09 4.66 2.89	68.03 4.39 2.63	52.83 3.46 4.35	44.65 2.32 0.00	38.74 1.89 0.00
SOUTH CAIRO___GT 23612	34.02 1.57 0.00	30.42 1.35 0.00	30.00 1.28 0.00	29.96 1.26 0.00	30.12 1.24 0.00	32.95 1.36 0.00	33.40 1.21 0.00	40.09 1.52 0.00	38.20 1.12 0.00	38.86 1.35 0.00	35.74 0.83 0.00	47.63 0.95 0.00	47.21 1.37 0.00	50.23 2.14 0.00	47.71 2.07 0.00	40.92 1.83 0.00	51.46 1.90 0.00	77.82 3.55 0.00	70.26 3.54 0.00	72.79 3.47 0.00	69.40 3.13 0.00	56.11 2.38 0.00	44.10 1.78 0.00	38.18 1.33 0.00
SOUTH HAMPTN___IC 23720	35.88 3.43 0.00	31.36 2.29 0.00	30.80 2.07 0.00	30.65 1.94 0.00	30.85 1.98 0.00	33.58 1.99 0.00	34.08 1.89 0.00	40.43 1.85 0.00	38.66 1.58 0.00	38.29 1.39 0.61	33.02 1.44 3.32	43.12 1.72 5.27	46.10 2.04 1.79	45.83 1.93 4.20	42.83 1.83 4.64	38.31 1.92 2.71	49.50 2.19 2.25	75.11 4.54 3.69	69.08 4.09 1.73	71.10 4.79 3.02	68.27 4.74 2.74	53.04 3.85 4.55	44.88 2.56 0.00	38.87 2.02 0.00
SOUTHDOW_115KV_TB1 355954	32.65 0.20 0.00	29.18 0.11 0.00	28.96 0.23 0.00	28.95 0.25 0.00	28.92 0.04 0.00	31.65 0.06 0.00	32.11 -0.08 0.00	38.14 -0.44 0.00	36.94 -0.14 0.00	37.73 0.22 0.00	35.39 0.48 0.00	47.14 0.46 0.00	46.18 0.34 0.00	47.87 -0.23 0.00	44.81 -0.82 0.00	38.31 -0.79 0.00	48.22 -1.33 0.00	71.29 -2.97 0.00	63.78 -2.94 0.00	66.65 -2.68 0.00	63.61 -2.66 0.00	51.29 -2.45 0.00	40.63 -1.69 0.00	35.93 -0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	35.95 3.50 0.00	31.03 1.96 0.00	30.49 1.77 0.00	30.31 1.61 0.00	30.52 1.65 0.00	33.23 1.64 0.00	33.75 1.56 0.00	40.14 1.57 0.00	38.31 1.23 0.00	37.89 0.99 0.61	32.66 1.08 3.32	42.64 1.23 5.27	45.59 1.54 1.79	45.38 1.48 4.20	42.37 1.37 4.64	37.91 1.52 2.71	49.05 1.75 2.25	74.54 3.97 3.69	68.62 3.63 1.73	70.87 4.56 3.02	68.24 4.71 2.74	53.14 3.95 4.54	44.85 2.53 0.00	38.80 1.95 0.00
SOUTHOLD___IC 23719	35.96 3.51 0.00	31.03 1.96 0.00	30.49 1.77 0.00	30.31 1.61 0.00	30.52 1.65 0.00	33.23 1.64 0.00	33.75 1.56 0.00	40.14 1.56 0.00	38.31 1.23 0.00	37.89 0.99 0.61	32.66 1.07 3.32	42.64 1.24 5.27	45.61 1.55 1.79	45.39 1.49 4.20	42.36 1.37 4.64	37.91 1.53 2.71	49.05 1.75 2.25	74.54 3.96 3.69	68.61 3.61 1.73	70.87 4.56 3.02	68.24 4.71 2.74	53.14 3.95 4.54	44.85 2.53 0.00	38.80 1.95 0.00
SOUTH_FORK_WT_PWR 323839	35.83 3.38 0.00	30.58 1.51 0.00	30.06 1.33 0.00	29.86 1.16 0.00	30.06 1.19 0.00	32.74 1.15 0.00	33.28 1.09 0.00	39.65 1.07 0.00	37.77 0.69 0.00	37.29 0.40 0.61	32.12 0.53 3.32	41.89 0.48 5.27	44.88 0.82 1.79	44.67 0.77 4.20	41.66 0.67 4.64	37.29 0.91 2.71	48.28 0.98 2.25	73.48 2.90 3.69	67.66 2.66 1.73	70.11 3.80 3.02	67.68 4.15 2.74	52.82 3.63 4.55	44.52 2.20 0.00	38.50 1.65 0.00
SPIERFLS_115KV_TB 1 80737	34.27 1.82 0.00	30.59 1.52 0.00	30.15 1.42 0.00	30.10 1.40 0.00	30.28 1.40 0.00	33.19 1.59 0.00	33.92 1.73 0.00	40.51 1.94 0.00	38.90 1.82 0.00	39.47 1.96 0.00	36.59 1.68 0.00	49.16 2.48 0.00	48.09 2.25 0.00	50.32 2.23 0.00	47.63 2.00 0.00	40.10 1.00 0.00	50.65 1.10 0.00	75.99 1.72 0.00	68.22 1.50 0.00	70.67 1.34 0.00	67.56 1.29 0.00	54.61 0.88 0.00	43.06 0.74 0.00	38.26 1.41 0.00
ST LAWRENCE____ 23600	31.89 -0.56 0.00	28.64 -0.44 0.00	28.38 -0.35 0.00	28.34 -0.36 0.00	28.54 -0.33 0.00	31.31 -0.28 0.00	32.24 0.05 0.00	38.98 0.40 0.00	37.39 0.31 0.00	37.86 0.36 0.00	35.28 0.37 0.00	47.13 0.45 0.00	46.21 0.37 0.00	48.24 0.15 0.00	45.79 0.16 0.00	39.33 0.24 0.00	49.72 0.16 0.00	74.54 0.28 0.00	66.99 0.26 0.00	69.77 0.44 0.00	66.79 0.52 0.00	54.48 0.75 0.00	43.00 0.68 0.00	37.43 0.57 0.00

STATE_CA_115KV_115_LB 55624	33.28 0.83 0.00	29.80 0.73 0.00	29.39 0.67 0.00	29.36 0.66 0.00	29.53 0.65 0.00	32.28 0.68 0.00	32.67 0.48 0.00	39.03 0.45 0.00	37.50 0.43 0.00	37.83 0.32 0.00	35.09 0.18 0.00	46.93 0.26 0.00	46.20 0.36 0.00	48.75 0.65 0.00	46.37 0.73 0.00	39.78 0.69 0.00	50.52 0.96 0.00	75.98 1.71 0.00	68.26 1.54 0.00	70.70 1.37 0.00	67.59 1.32 0.00	54.63 0.90 0.00	42.99 0.67 0.00	37.31 0.46 0.00
STATE_ST_34_KV_LOAD 55959	32.38 -0.07 0.00	29.03 -0.05 0.00	28.68 -0.04 0.00	28.68 -0.02 0.00	28.81 -0.06 0.00	31.51 -0.08 0.00	31.98 -0.21 0.00	38.14 -0.44 0.00	36.78 -0.29 0.00	37.30 -0.20 0.00	34.75 -0.16 0.00	46.39 -0.28 0.00	45.50 -0.34 0.00	47.58 -0.51 0.00	45.17 -0.46 0.00	38.54 -0.56 0.00	48.89 -0.67 0.00	73.28 -0.98 0.00	65.61 -1.12 0.00	68.25 -1.07 0.00	65.30 -0.97 0.00	53.00 -0.73 0.00	41.75 -0.57 0.00	36.46 -0.39 0.00
STATION_5_MISC_HYD 23604	31.80 -0.65 0.00	28.50 -0.58 0.00	28.21 -0.52 0.00	28.19 -0.51 0.00	28.28 -0.60 0.00	30.94 -0.65 0.00	31.43 -0.76 0.00	37.35 -1.23 0.00	36.16 -0.92 0.00	36.77 -0.73 0.00	34.31 -0.59 0.00	45.73 -0.95 0.00	44.84 -1.01 0.00	46.69 -1.41 0.00	43.89 -1.74 0.00	37.43 -1.67 0.00	47.26 -2.29 0.00	70.14 -4.13 0.00	63.01 -3.71 0.00	65.59 -3.74 0.00	62.99 -3.27 0.00	51.28 -2.46 0.00	40.45 -1.87 0.00	35.57 -1.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.95 -0.50 0.00	28.63 -0.44 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.40 -0.47 0.00	31.08 -0.51 0.00	31.56 -0.63 0.00	37.59 -0.98 0.00	36.36 -0.71 0.00	36.97 -0.54 0.00	34.49 -0.42 0.00	45.96 -0.72 0.00	45.08 -0.77 0.00	46.98 -1.11 0.00	44.27 -1.37 0.00	37.82 -1.28 0.00	47.84 -1.72 0.00	71.14 -3.12 0.00	63.90 -2.82 0.00	66.53 -2.80 0.00	63.75 -2.52 0.00	51.76 -1.98 0.00	40.80 -1.52 0.00	35.78 -1.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.64 -0.81 0.00	28.36 -0.72 0.00	28.06 -0.66 0.00	28.05 -0.66 0.00	28.14 -0.74 0.00	30.79 -0.80 0.00	31.27 -0.92 0.00	37.18 -1.40 0.00	35.98 -1.09 0.00	36.59 -0.91 0.00	34.14 -0.76 0.00	45.50 -1.17 0.00	44.63 -1.21 0.00	46.49 -1.60 0.00	43.72 -1.91 0.00	37.29 -1.80 0.00	47.12 -2.43 0.00	69.95 -4.31 0.00	62.83 -3.89 0.00	65.41 -3.92 0.00	62.79 -3.48 0.00	51.08 -2.65 0.00	40.29 -2.04 0.00	35.41 -1.45 0.00
STA_56___34_KV_BUS2 355983	31.64 -0.81 0.00	28.36 -0.72 0.00	28.06 -0.66 0.00	28.05 -0.66 0.00	28.14 -0.74 0.00	30.79 -0.80 0.00	31.27 -0.92 0.00	37.18 -1.40 0.00	35.98 -1.09 0.00	36.59 -0.91 0.00	34.14 -0.76 0.00	45.50 -1.17 0.00	44.63 -1.21 0.00	46.49 -1.60 0.00	43.72 -1.91 0.00	37.29 -1.80 0.00	47.12 -2.43 0.00	69.95 -4.31 0.00	62.83 -3.89 0.00	65.41 -3.92 0.00	62.79 -3.48 0.00	51.08 -2.65 0.00	40.29 -2.04 0.00	35.41 -1.45 0.00
STA_67___115KV_BK2 355882	31.74 -0.71 0.00	28.45 -0.62 0.00	28.16 -0.57 0.00	28.14 -0.56 0.00	28.23 -0.64 0.00	30.89 -0.70 0.00	31.37 -0.82 0.00	37.28 -1.30 0.00	36.09 -0.99 0.00	36.70 -0.81 0.00	34.25 -0.66 0.00	45.63 -1.05 0.00	44.75 -1.10 0.00	46.59 -1.51 0.00	43.79 -1.84 0.00	37.35 -1.75 0.00	47.16 -2.39 0.00	69.98 -4.29 0.00	62.87 -3.86 0.00	65.44 -3.89 0.00	62.84 -3.43 0.00	51.17 -2.57 0.00	40.36 -1.96 0.00	35.50 -1.35 0.00
STA_7___115KV_9TRANS 80674	31.94 -0.51 0.00	28.61 -0.46 0.00	28.32 -0.41 0.00	28.30 -0.40 0.00	28.38 -0.50 0.00	31.05 -0.54 0.00	31.54 -0.65 0.00	37.49 -1.08 0.00	36.31 -0.76 0.00	36.94 -0.57 0.00	34.49 -0.42 0.00	45.95 -0.73 0.00	45.07 -0.77 0.00	46.93 -1.17 0.00	44.11 -1.53 0.00	37.62 -1.48 0.00	47.52 -2.04 0.00	70.50 -3.76 0.00	63.35 -3.38 0.00	65.96 -3.37 0.00	63.34 -2.93 0.00	51.54 -2.19 0.00	40.65 -1.68 0.00	35.73 -1.12 0.00
STA_82___115KV_TB1 80780	31.74 -0.71 0.00	28.45 -0.62 0.00	28.16 -0.57 0.00	28.14 -0.56 0.00	28.23 -0.64 0.00	30.89 -0.70 0.00	31.37 -0.82 0.00	37.28 -1.30 0.00	36.09 -0.99 0.00	36.70 -0.81 0.00	34.25 -0.66 0.00	45.63 -1.04 0.00	44.75 -1.10 0.00	46.60 -1.50 0.00	43.79 -1.84 0.00	37.35 -1.75 0.00	47.17 -2.39 0.00	69.98 -4.28 0.00	62.88 -3.85 0.00	65.44 -3.88 0.00	62.87 -3.40 0.00	51.17 -2.56 0.00	40.37 -1.95 0.00	35.50 -1.35 0.00
STEEL___WIND 323596	31.54 -0.91 0.00	28.23 -0.84 0.00	28.01 -0.71 0.00	28.01 -0.69 0.00	28.01 -0.86 0.00	30.64 -0.95 0.00	31.10 -1.09 0.00	36.87 -1.71 0.00	35.73 -1.35 0.00	36.46 -1.05 0.00	34.08 -0.82 0.00	45.36 -1.31 0.00	44.47 -1.37 0.00	46.12 -1.97 0.00	43.10 -2.53 0.00	36.73 -2.37 0.00	46.17 -3.38 0.00	67.99 -6.27 0.00	61.04 -5.69 0.00	63.65 -5.68 0.00	61.16 -5.11 0.00	49.88 -3.85 0.00	39.45 -2.87 0.00	34.96 -1.89 0.00
STEPHTWN_115KV_BK_2 55603	33.50 1.05 0.00	29.94 0.87 0.00	29.53 0.81 0.00	29.46 0.76 0.00	29.64 0.76 0.00	32.45 0.86 0.00	32.80 0.61 0.00	39.23 0.65 0.00	37.53 0.45 0.00	38.08 0.57 0.00	35.35 0.44 0.00	47.28 0.60 0.00	46.49 0.65 0.00	49.07 0.97 0.00	46.76 1.13 0.00	40.13 1.04 0.00	51.04 1.48 0.00	76.68 2.42 0.00	68.84 2.12 0.00	71.47 2.15 0.00	68.05 1.78 0.00	55.02 1.28 0.00	43.25 0.92 0.00	37.50 0.65 0.00
STEBEN_REC_LFGE 323667	32.37 -0.08 0.00	29.01 -0.06 0.00	28.89 0.17 0.00	28.92 0.21 0.00	28.81 -0.06 0.00	31.59 0.00 0.00	31.92 -0.27 0.00	38.16 -0.42 0.00	37.04 -0.04 0.00	37.73 0.22 0.00	35.26 0.35 0.00	46.79 0.11 0.00	45.81 -0.04 0.00	47.52 -0.57 0.00	44.44 -1.19 0.00	38.13 -0.97 0.00	48.25 -1.30 0.00	71.61 -2.66 0.00	64.06 -2.67 0.00	67.10 -2.23 0.00	64.39 -1.88 0.00	52.18 -1.55 0.00	41.07 -1.25 0.00	36.04 -0.81 0.00
STILLWATER___SOLAR 323814	34.06 1.61 0.00	30.43 1.36 0.00	30.01 1.28 0.00	29.97 1.27 0.00	30.14 1.27 0.00	33.00 1.40 0.00	33.58 1.39 0.00	40.10 1.52 0.00	38.46 1.38 0.00	38.89 1.38 0.00	36.04 1.14 0.00	48.41 1.73 0.00	47.52 1.68 0.00	49.95 1.85 0.00	47.40 1.76 0.00	40.32 1.23 0.00	51.15 1.59 0.00	76.85 2.58 0.00	69.06 2.34 0.00	71.59 2.26 0.00	68.45 2.18 0.00	55.33 1.59 0.00	43.59 1.26 0.00	38.15 1.30 0.00
STONY___BROOK 24151	35.64 3.19 0.00	31.56 2.49 0.00	30.98 2.25 0.00	30.86 2.16 0.00	31.05 2.18 0.00	33.78 2.19 0.00	34.25 2.06 0.00	40.58 2.00 0.00	38.90 1.82 0.00	38.66 1.75 0.59	33.54 1.85 3.22	43.83 2.24 5.09	46.56 2.45 1.73	46.32 2.29 4.06	43.49 2.35 4.49	38.81 2.34 2.62	50.04 2.66 2.18	75.45 4.75 3.57	69.23 4.18 1.68	70.93 4.52 2.92	67.89 4.27 2.65	52.78 3.44 4.40	44.64 2.32 0.00	38.74 1.89 0.00
STURGEON_POOL_HYD 23609	34.41 1.96 0.00	30.72 1.65 0.00	30.27 1.55 0.00	30.25 1.54 0.00	30.45 1.57 0.00	33.19 1.60 0.00	33.69 1.50 0.00	40.19 1.61 0.00	38.57 1.49 0.00	38.91 1.40 0.00	36.26 1.36 0.00	48.57 1.89 0.00	47.90 2.05 0.00	50.48 2.39 0.00	48.22 2.59 0.00	41.22 2.12 0.00	52.24 2.69 0.00	78.80 4.54 0.00	70.75 4.02 0.00	73.41 4.08 0.00	69.99 3.72 0.00	56.45 2.72 0.00	44.33 2.01 0.00	38.47 1.62 0.00

ST_LAW_115_BK7_LBMP 345037	31.85 -0.60 0.00	28.61 -0.46 0.00	28.35 -0.38 0.00	28.32 -0.38 0.00	28.51 -0.36 0.00	31.29 -0.31 0.00	32.24 0.05 0.00	39.01 0.43 0.00	37.42 0.34 0.00	37.89 0.38 0.00	35.29 0.38 0.00	47.15 0.47 0.00	46.23 0.39 0.00	48.25 0.16 0.00	45.80 0.16 0.00	39.34 0.24 0.00	49.69 0.14 0.00	74.53 0.27 0.00	66.98 0.25 0.00	69.77 0.44 0.00	66.81 0.54 0.00	54.52 0.78 0.00	43.04 0.72 0.00	37.47 0.62 0.00
ST_LAW_115_BK8_LBMP 345038	31.85 -0.60 0.00	28.61 -0.46 0.00	28.35 -0.38 0.00	28.32 -0.38 0.00	28.51 -0.36 0.00	31.29 -0.31 0.00	32.24 0.05 0.00	39.01 0.43 0.00	37.42 0.34 0.00	37.89 0.38 0.00	35.29 0.38 0.00	47.15 0.47 0.00	46.23 0.39 0.00	48.25 0.16 0.00	45.80 0.16 0.00	39.34 0.24 0.00	49.69 0.14 0.00	74.53 0.27 0.00	66.98 0.25 0.00	69.77 0.44 0.00	66.81 0.54 0.00	54.52 0.78 0.00	43.04 0.72 0.00	37.47 0.62 0.00
ST_LAW_230_BK5_LBMP 345035	31.89 -0.56 0.00	28.64 -0.44 0.00	28.38 -0.35 0.00	28.34 -0.36 0.00	28.54 -0.33 0.00	31.31 -0.28 0.00	32.24 0.05 0.00	38.98 0.40 0.00	37.39 0.31 0.00	37.86 0.36 0.00	35.28 0.37 0.00	47.13 0.45 0.00	46.21 0.37 0.00	48.24 0.15 0.00	45.79 0.16 0.00	39.33 0.24 0.00	49.72 0.16 0.00	74.54 0.28 0.00	66.99 0.26 0.00	69.77 0.44 0.00	66.79 0.52 0.00	54.48 0.75 0.00	43.00 0.68 0.00	37.43 0.57 0.00
ST_LAW_230_BK6_LBMP 345036	31.89 -0.56 0.00	28.64 -0.44 0.00	28.38 -0.35 0.00	28.34 -0.36 0.00	28.54 -0.33 0.00	31.31 -0.28 0.00	32.24 0.05 0.00	38.98 0.40 0.00	37.39 0.31 0.00	37.86 0.36 0.00	35.28 0.37 0.00	47.13 0.45 0.00	46.21 0.37 0.00	48.24 0.15 0.00	45.79 0.16 0.00	39.33 0.24 0.00	49.72 0.16 0.00	74.54 0.28 0.00	66.99 0.26 0.00	69.77 0.44 0.00	66.79 0.52 0.00	54.48 0.75 0.00	43.00 0.68 0.00	37.43 0.57 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.39 1.94 0.00	30.70 1.63 0.00	30.22 1.49 0.00	30.20 1.51 0.00	30.44 1.57 0.00	33.19 1.59 0.00	33.69 1.50 0.00	40.21 1.64 0.00	38.61 1.53 0.00	39.00 1.50 0.00	36.37 1.46 0.00	48.65 1.98 0.00	48.00 2.15 0.00	50.59 2.50 0.00	48.26 2.63 0.00	41.28 2.19 0.00	52.36 2.81 0.00	78.94 4.68 0.00	70.91 4.18 0.00	73.47 4.14 0.00	69.94 3.67 0.00	56.32 2.59 0.00	44.23 1.91 0.00	38.41 1.56 0.00
SWANROAD_115KV_TB1 355699	30.86 -1.59 0.00	27.67 -1.40 0.00	27.46 -1.27 0.00	27.44 -1.26 0.00	27.45 -1.43 0.00	30.03 -1.57 0.00	30.48 -1.72 0.00	36.04 -2.54 0.00	34.97 -2.11 0.00	35.67 -1.84 0.00	33.34 -1.57 0.00	44.26 -2.42 0.00	43.40 -2.44 0.00	44.99 -3.11 0.00	42.00 -3.63 0.00	35.72 -3.38 0.00	44.82 -4.73 0.00	65.51 -8.76 0.00	58.81 -7.92 0.00	61.28 -8.05 0.00	59.08 -7.19 0.00	48.51 -5.23 0.00	38.65 -3.68 0.00	34.29 -2.56 0.00
SYNERGY___BIOGAS 323694	31.99 -0.46 0.00	28.65 -0.42 0.00	28.38 -0.35 0.00	28.35 -0.35 0.00	28.40 -0.48 0.00	31.08 -0.51 0.00	31.59 -0.61 0.00	37.48 -1.10 0.00	36.38 -0.70 0.00	37.06 -0.45 0.00	34.56 -0.35 0.00	45.94 -0.74 0.00	45.04 -0.80 0.00	46.74 -1.36 0.00	43.68 -1.96 0.00	37.25 -1.84 0.00	46.97 -2.59 0.00	69.24 -5.03 0.00	62.21 -4.51 0.00	64.82 -4.50 0.00	62.45 -3.82 0.00	51.01 -2.73 0.00	40.37 -1.95 0.00	35.65 -1.20 0.00
SYRACUSE___ENERGY_ST1 323597	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.37 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.44 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.26 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.86 0.00	36.17 -0.68 0.00
SYRACUSE___ENERGY_ST2 323598	32.21 -0.24 0.00	28.90 -0.17 0.00	28.56 -0.17 0.00	28.54 -0.16 0.00	28.69 -0.19 0.00	31.37 -0.22 0.00	31.83 -0.36 0.00	37.95 -0.63 0.00	36.58 -0.50 0.00	37.07 -0.44 0.00	34.53 -0.37 0.00	46.13 -0.54 0.00	45.25 -0.59 0.00	47.40 -0.70 0.00	44.89 -0.74 0.00	38.42 -0.68 0.00	48.75 -0.81 0.00	72.92 -1.35 0.00	65.47 -1.26 0.00	68.06 -1.26 0.00	65.07 -1.20 0.00	52.67 -1.07 0.00	41.46 -0.86 0.00	36.17 -0.68 0.00
SYRACUSE___POWER 24017	32.27 -0.19 0.00	28.94 -0.13 0.00	28.59 -0.13 0.00	28.58 -0.12 0.00	28.72 -0.15 0.00	31.41 -0.18 0.00	31.86 -0.33 0.00	37.99 -0.58 0.00	36.63 -0.45 0.00	37.13 -0.38 0.00	34.59 -0.32 0.00	46.20 -0.47 0.00	45.34 -0.51 0.00	47.49 -0.60 0.00	44.93 -0.70 0.00	38.48 -0.62 0.00	48.83 -0.73 0.00	73.00 -1.26 0.00	65.60 -1.12 0.00	68.19 -1.14 0.00	65.17 -1.10 0.00	52.71 -1.02 0.00	41.49 -0.83 0.00	36.17 -0.68 0.00
TALLMAN_138KV_BK151 55660	34.57 2.12 0.00	30.85 1.78 0.00	30.35 1.62 0.00	30.32 1.63 0.00	30.54 1.66 0.00	33.29 1.69 0.00	33.78 1.59 0.00	40.31 1.73 0.00	38.71 1.63 0.00	39.14 1.63 0.00	36.52 1.61 0.00	48.85 2.17 0.00	48.20 2.36 0.00	50.79 2.69 0.00	48.45 2.82 0.00	41.51 2.41 0.00	52.62 3.06 0.00	79.28 5.01 0.00	71.17 4.44 0.00	73.73 4.40 0.00	70.13 3.86 0.00	56.41 2.68 0.00	44.30 1.98 0.00	38.50 1.65 0.00
TEALLAVE_115KV_TB7 355573	32.13 -0.32 0.00	28.83 -0.24 0.00	28.48 -0.24 0.00	28.47 -0.24 0.00	28.61 -0.27 0.00	31.29 -0.30 0.00	31.73 -0.46 0.00	37.81 -0.77 0.00	36.46 -0.61 0.00	36.95 -0.56 0.00	34.43 -0.48 0.00	45.99 -0.68 0.00	45.13 -0.72 0.00	47.27 -0.83 0.00	44.72 -0.91 0.00	38.29 -0.80 0.00	48.59 -0.97 0.00	72.62 -1.64 0.00	65.25 -1.48 0.00	67.82 -1.51 0.00	64.83 -1.44 0.00	52.39 -1.34 0.00	41.24 -1.08 0.00	35.98 -0.87 0.00
TELGRAPH_34_KV_EAST 80808	31.45 -1.00 0.00	28.18 -0.89 0.00	27.94 -0.79 0.00	27.92 -0.78 0.00	27.95 -0.92 0.00	30.59 -1.01 0.00	31.05 -1.14 0.00	36.78 -1.80 0.00	35.70 -1.38 0.00	36.39 -1.12 0.00	33.99 -0.91 0.00	45.15 -1.52 0.00	44.29 -1.55 0.00	45.92 -2.17 0.00	42.91 -2.72 0.00	36.53 -2.56 0.00	45.95 -3.61 0.00	67.46 -6.80 0.00	60.59 -6.14 0.00	63.12 -6.20 0.00	60.86 -5.41 0.00	49.82 -3.92 0.00	39.52 -2.80 0.00	34.99 -1.86 0.00
TEMPLE___115KV_TB 2 55572	32.14 -0.32 0.00	28.84 -0.24 0.00	28.49 -0.24 0.00	28.47 -0.23 0.00	28.61 -0.27 0.00	31.29 -0.30 0.00	31.74 -0.46 0.00	37.82 -0.76 0.00	36.47 -0.61 0.00	36.96 -0.55 0.00	34.44 -0.47 0.00	45.99 -0.68 0.00	45.13 -0.72 0.00	47.29 -0.81 0.00	44.73 -0.90 0.00	38.31 -0.79 0.00	48.60 -0.96 0.00	72.64 -1.63 0.00	65.26 -1.46 0.00	67.83 -1.50 0.00	64.84 -1.43 0.00	52.41 -1.33 0.00	41.25 -1.07 0.00	35.99 -0.87 0.00
TIANA___69_KV_BK 1 55817	35.84 3.39 0.00	31.44 2.36 0.00	30.88 2.15 0.00	30.73 2.03 0.00	30.94 2.07 0.00	33.67 2.07 0.00	34.15 1.96 0.00	40.50 1.93 0.00	38.75 1.67 0.00	38.39 1.49 0.00	33.13 1.54 0.00	43.26 1.86 0.00	46.22 2.17 0.00	45.92 2.02 0.00	42.94 1.95 0.00	38.40 2.02 0.00	49.62 2.32 0.00	75.26 4.68 0.00	69.23 4.23 0.00	71.16 4.84 0.00	68.26 4.73 0.00	53.00 3.81 0.00	44.87 2.55 0.00	38.88 2.03 0.00

TILDEN___115KV_TB1 80814	32.27 -0.19 0.00	28.94 -0.13 0.00	28.59 -0.13 0.00	28.58 -0.12 0.00	28.72 -0.15 0.00	31.41 -0.18 0.00	31.86 -0.33 0.00	37.99 -0.58 0.00	36.63 -0.45 0.00	37.13 -0.38 0.00	34.59 -0.32 0.00	46.20 -0.47 0.00	45.34 -0.51 0.00	47.49 -0.60 0.00	44.93 -0.70 0.00	38.48 -0.62 0.00	48.83 -0.73 0.00	73.00 -1.26 0.00	65.60 -1.12 0.00	68.19 -1.14 0.00	65.17 -1.10 0.00	52.71 -1.02 0.00	41.49 -0.83 0.00	36.17 -0.68 0.00
TRIGEN___CC 323695	35.09 2.61 -0.02	31.14 2.07 0.00	30.59 1.86 0.00	30.53 1.83 0.00	30.73 1.85 0.00	33.48 1.88 0.00	33.93 1.74 0.00	40.31 1.73 0.00	38.72 1.64 0.00	42.06 1.61 -2.93	52.66 1.79 -15.96	77.39 2.36 -28.35	56.89 2.43 -8.61	70.83 2.56 -20.17	70.61 2.68 -22.29	54.55 2.42 -13.03	63.23 2.86 -10.82	96.93 4.95 -17.72	79.30 4.25 -8.32	88.29 4.47 -14.50	83.46 4.03 -13.17	78.53 2.96 -21.84	44.29 1.97 0.00	38.50 1.65 0.00
TRINITY___115KV___4 BK 55933	33.15 0.70 0.00	29.69 0.62 0.00	29.29 0.56 0.00	29.26 0.56 0.00	29.43 0.56 0.00	32.17 0.58 0.00	32.57 0.38 0.00	38.88 0.30 0.00	37.34 0.26 0.00	37.64 0.13 0.00	34.93 0.02 0.00	46.71 0.03 0.00	45.93 0.08 0.00	48.49 0.39 0.00	46.09 0.46 0.00	39.56 0.46 0.00	50.25 0.69 0.00	75.50 1.24 0.00	67.86 1.14 0.00	70.30 0.98 0.00	67.22 0.95 0.00	54.36 0.62 0.00	42.79 0.47 0.00	37.14 0.28 0.00
UNION___PROCESSING_DRP 323587	31.74 -0.71 0.00	28.46 -0.62 0.00	28.17 -0.56 0.00	28.14 -0.55 0.00	28.24 -0.64 0.00	30.89 -0.70 0.00	31.37 -0.82 0.00	37.29 -1.29 0.00	36.09 -0.99 0.00	36.70 -0.81 0.00	34.25 -0.66 0.00	45.64 -1.04 0.00	44.75 -1.09 0.00	46.61 -1.49 0.00	43.79 -1.84 0.00	37.36 -1.74 0.00	47.17 -2.39 0.00	70.01 -4.25 0.00	62.88 -3.84 0.00	65.45 -3.87 0.00	62.88 -3.39 0.00	51.18 -2.55 0.00	40.37 -1.94 0.00	35.51 -1.34 0.00
UPPER HUDSON___HYD 24058	34.27 1.82 0.00	30.59 1.52 0.00	30.15 1.42 0.00	30.10 1.40 0.00	30.28 1.40 0.00	33.18 1.59 0.00	33.92 1.73 0.00	40.51 1.94 0.00	38.90 1.82 0.00	39.47 1.96 0.00	36.59 1.68 0.00	49.15 2.48 0.00	48.09 2.25 0.00	50.33 2.23 0.00	47.63 2.00 0.00	40.10 1.01 0.00	50.65 1.10 0.00	75.99 1.72 0.00	68.22 1.50 0.00	70.67 1.34 0.00	67.56 1.29 0.00	54.61 0.88 0.00	43.06 0.74 0.00	38.26 1.41 0.00
UPPER RAQUET___HYD 24056	31.20 -1.25 0.00	28.05 -1.02 0.00	27.80 -0.93 0.00	27.78 -0.91 0.00	27.98 -0.89 0.00	30.74 -0.85 0.00	31.74 -0.45 0.00	38.67 0.09 0.00	37.10 0.02 0.00	37.58 0.08 0.00	34.98 0.07 0.00	46.63 -0.04 0.00	45.66 -0.18 0.00	47.63 -0.47 0.00	45.17 -0.47 0.00	38.72 -0.38 0.00	48.68 -0.87 0.00	73.20 -1.07 0.00	65.97 -0.76 0.00	68.89 -0.44 0.00	66.10 -0.17 0.00	53.96 0.22 0.00	42.77 0.45 0.00	37.19 0.34 0.00
VALLEY44_115KV_TB2 355964	32.03 -0.43 0.00	28.69 -0.38 0.00	28.48 -0.24 0.00	28.52 -0.18 0.00	28.58 -0.30 0.00	31.27 -0.32 0.00	31.71 -0.48 0.00	37.62 -0.96 0.00	36.40 -0.67 0.00	37.14 -0.37 0.00	34.77 -0.13 0.00	46.15 -0.53 0.00	45.16 -0.68 0.00	46.85 -1.25 0.00	43.83 -1.80 0.00	37.36 -1.74 0.00	47.12 -2.43 0.00	69.87 -4.40 0.00	62.47 -4.26 0.00	65.09 -4.24 0.00	62.29 -3.98 0.00	50.48 -3.25 0.00	39.79 -2.53 0.00	35.31 -1.55 0.00
VALLEY___115KV_TB 1-4 80826	32.37 -0.08 0.00	28.98 -0.09 0.00	28.56 -0.16 0.00	28.54 -0.16 0.00	28.71 -0.16 0.00	31.40 -0.19 0.00	31.77 -0.42 0.00	37.96 -0.62 0.00	36.50 -0.58 0.00	36.86 -0.65 0.00	34.12 -0.79 0.00	45.91 -0.77 0.00	45.08 -0.77 0.00	47.36 -0.74 0.00	45.01 -0.62 0.00	38.43 -0.67 0.00	48.86 -0.69 0.00	73.76 -0.50 0.00	66.35 -0.37 0.00	68.96 -0.37 0.00	65.83 -0.43 0.00	53.27 -0.47 0.00	41.89 -0.44 0.00	36.36 -0.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.55 1.10 0.00	30.00 0.93 0.00	29.63 0.90 0.00	29.60 0.90 0.00	29.78 0.91 0.00	32.58 0.98 0.00	33.11 0.92 0.00	39.60 1.03 0.00	38.15 1.07 0.00	38.65 1.14 0.00	35.98 1.07 0.00	48.07 1.40 0.00	47.25 1.41 0.00	49.54 1.45 0.00	46.96 1.32 0.00	40.17 1.07 0.00	50.94 1.39 0.00	76.27 2.01 0.00	68.40 1.68 0.00	71.07 1.74 0.00	67.89 1.62 0.00	55.10 1.36 0.00	43.38 1.06 0.00	37.78 0.92 0.00
VISCHER___FERRY HYD 24020	33.58 1.13 0.00	30.03 0.96 0.00	29.61 0.88 0.00	29.58 0.89 0.00	29.75 0.87 0.00	32.55 0.96 0.00	32.97 0.78 0.00	39.39 0.81 0.00	37.74 0.66 0.00	38.04 0.53 0.00	35.29 0.38 0.00	47.31 0.64 0.00	46.44 0.60 0.00	49.03 0.94 0.00	46.57 0.93 0.00	39.85 0.75 0.00	50.74 1.18 0.00	76.22 1.96 0.00	68.54 1.81 0.00	70.98 1.66 0.00	67.93 1.66 0.00	54.92 1.19 0.00	43.26 0.94 0.00	37.64 0.79 0.00
V_A_10_SYNC_DSASP 323832	31.31 -1.14 0.00	28.08 -1.00 0.00	27.83 -0.90 0.00	27.83 -0.87 0.00	27.88 -0.99 0.00	30.49 -1.10 0.00	30.94 -1.25 0.00	36.68 -1.90 0.00	35.53 -1.55 0.00	36.20 -1.31 0.00	33.80 -1.11 0.00	44.97 -1.70 0.00	44.10 -1.75 0.00	45.78 -2.32 0.00	42.87 -2.76 0.00	36.47 -2.63 0.00	45.92 -3.63 0.00	67.82 -6.44 0.00	60.88 -5.84 0.00	63.42 -5.91 0.00	60.98 -5.29 0.00	49.79 -3.95 0.00	39.39 -2.93 0.00	34.85 -2.00 0.00
V_CMM_10_SYNC_DSASP 323787	32.02 -0.44 0.00	28.75 -0.32 0.00	28.49 -0.23 0.00	28.46 -0.24 0.00	28.66 -0.22 0.00	31.46 -0.14 0.00	32.41 0.21 0.00	39.20 0.63 0.00	37.60 0.53 0.00	38.08 0.57 0.00	35.47 0.56 0.00	47.38 0.71 0.00	46.46 0.62 0.00	48.49 0.39 0.00	46.02 0.38 0.00	39.53 0.44 0.00	49.93 0.38 0.00	74.89 0.63 0.00	67.30 0.58 0.00	70.10 0.77 0.00	67.13 0.85 0.00	54.78 1.05 0.00	43.25 0.93 0.00	37.66 0.80 0.00
V_CMP_10_SYNC_DSASP 323788	32.21 -0.24 0.00	29.08 0.01 0.00	28.77 0.04 0.00	28.78 0.08 0.00	29.00 0.13 0.00	31.93 0.33 0.00	32.78 0.59 0.00	39.64 1.07 0.00	38.14 1.07 0.00	38.58 1.08 0.00	36.04 1.13 0.00	48.26 1.58 0.00	47.34 1.49 0.00	49.35 1.26 0.00	46.68 1.05 0.00	40.11 1.01 0.00	50.85 1.30 0.00	76.25 1.99 0.00	68.48 1.76 0.00	71.27 1.94 0.00	68.16 1.89 0.00	55.61 1.87 0.00	44.04 1.72 0.00	38.17 1.32 0.00
V_D_10_SYNC_DSASP 323841	32.05 -0.40 0.00	28.78 -0.29 0.00	28.53 -0.19 0.00	28.51 -0.20 0.00	28.70 -0.18 0.00	31.51 -0.09 0.00	32.48 0.29 0.00	39.43 0.86 0.00	37.83 0.75 0.00	38.31 0.80 0.00	35.68 0.77 0.00	47.63 0.96 0.00	46.69 0.85 0.00	48.72 0.62 0.00	46.23 0.60 0.00	39.68 0.59 0.00	49.96 0.41 0.00	74.96 0.70 0.00	67.39 0.66 0.00	70.24 0.91 0.00	67.29 1.02 0.00	54.94 1.20 0.00	43.52 1.20 0.00	37.89 1.04 0.00
V_E_10_SYNC_DSASP 323830	34.42 1.97 0.00	30.89 1.82 0.00	30.45 1.72 0.00	30.47 1.77 0.00	30.69 1.81 0.00	33.64 2.05 0.00	34.15 1.96 0.00	40.80 2.23 0.00	39.53 2.45 0.00	40.17 2.66 0.00	37.37 2.46 0.00	49.84 3.17 0.00	48.66 2.82 0.00	50.79 2.69 0.00	48.14 2.51 0.00	41.14 2.05 0.00	52.37 2.81 0.00	79.03 4.76 0.00	70.95 4.22 0.00	73.94 4.61 0.00	70.64 4.37 0.00	57.06 3.33 0.00	44.77 2.45 0.00	39.00 2.15 0.00

V_F_30_NSYNC___DSASP 323816	34.10 1.65 0.00	30.47 1.40 0.00	30.05 1.33 0.00	30.01 1.31 0.00	30.18 1.31 0.00	33.05 1.45 0.00	33.65 1.46 0.00	40.19 1.61 0.00	38.55 1.47 0.00	38.99 1.49 0.00	36.14 1.24 0.00	48.55 1.87 0.00	47.64 1.80 0.00	50.06 1.97 0.00	47.51 1.87 0.00	40.40 1.30 0.00	51.26 1.70 0.00	77.00 2.74 0.00	69.19 2.46 0.00	71.72 2.39 0.00	68.55 2.28 0.00	55.42 1.69 0.00	43.66 1.34 0.00	38.22 1.37 0.00
V_F_30_SYNC_DSASP 323786	33.27 0.82 0.00	29.80 0.73 0.00	29.39 0.66 0.00	29.36 0.66 0.00	29.52 0.65 0.00	32.27 0.67 0.00	32.67 0.48 0.00	39.02 0.45 0.00	37.50 0.42 0.00	37.82 0.31 0.00	35.08 0.18 0.00	46.92 0.25 0.00	46.19 0.35 0.00	48.74 0.65 0.00	46.36 0.72 0.00	39.78 0.68 0.00	50.51 0.95 0.00	75.95 1.69 0.00	68.26 1.54 0.00	70.68 1.36 0.00	67.57 1.30 0.00	54.63 0.89 0.00	42.99 0.67 0.00	37.30 0.45 0.00
V_XM_10_SYNC_DSASP 323789	32.21 -0.24 0.00	29.08 0.01 0.00	28.77 0.04 0.00	28.78 0.08 0.00	29.00 0.13 0.00	31.93 0.33 0.00	32.78 0.59 0.00	39.64 1.07 0.00	38.14 1.07 0.00	38.58 1.08 0.00	36.04 1.13 0.00	48.26 1.58 0.00	47.34 1.49 0.00	49.35 1.26 0.00	46.68 1.05 0.00	40.11 1.01 0.00	50.85 1.30 0.00	76.25 1.99 0.00	68.48 1.76 0.00	71.27 1.94 0.00	68.16 1.89 0.00	55.61 1.87 0.00	44.04 1.72 0.00	38.17 1.32 0.00
W.BABYLN_69_KV_BK1 56697	35.63 3.18 0.00	31.58 2.51 0.00	31.00 2.28 0.00	30.90 2.20 0.00	31.10 2.23 0.00	33.87 2.28 0.00	34.31 2.12 0.00	40.67 2.10 0.00	39.01 1.93 0.00	39.37 1.86 0.00	36.85 1.94 0.00	49.70 2.52 -0.51	48.56 2.71 0.00	50.57 2.48 0.00	48.18 2.55 0.00	41.49 2.40 0.00	52.27 2.72 0.00	79.15 4.89 0.00	70.98 4.26 0.00	73.86 4.53 0.00	70.49 4.23 0.00	57.04 3.31 0.00	44.61 2.29 0.00	38.84 1.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.70 2.25 0.00	30.96 1.89 0.00	30.46 1.73 0.00	30.42 1.72 0.00	30.64 1.77 0.00	33.39 1.79 0.00	33.89 1.70 0.00	40.45 1.87 0.00	38.85 1.77 0.00	39.27 1.77 0.00	36.64 1.74 0.00	49.03 2.35 0.00	48.38 2.54 0.00	50.97 2.88 0.00	48.62 2.99 0.00	41.65 2.56 0.00	52.81 3.26 0.00	79.59 5.32 0.00	71.45 4.72 0.00	74.01 4.68 0.00	70.42 4.15 0.00	56.65 2.92 0.00	44.48 2.16 0.00	38.64 1.79 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.90 2.45 0.00	31.14 2.07 0.00	30.63 1.90 0.00	30.60 1.90 0.00	30.78 1.91 0.00	33.51 1.92 0.00	34.04 1.85 0.00	40.61 2.03 0.00	39.04 1.96 0.00	39.47 1.96 0.00	36.81 1.90 0.00	49.22 2.55 0.00	48.52 2.68 0.00	51.08 2.98 0.00	48.74 3.11 0.00	41.78 2.68 0.00	52.88 3.33 0.00	79.81 5.54 0.00	71.61 4.88 0.00	74.15 4.82 0.00	70.50 4.23 0.00	56.74 3.01 0.00	44.55 2.23 0.00	38.69 1.84 0.00
W50THST__13_KV_LOAD 356117	35.05 2.60 0.00	31.28 2.21 0.00	30.76 2.03 0.00	30.73 2.03 0.00	30.92 2.05 0.00	33.65 2.06 0.00	34.18 1.99 0.00	40.80 2.22 0.00	39.23 2.15 0.00	39.66 2.15 0.00	37.00 2.10 0.00	49.46 2.78 0.00	48.75 2.91 0.00	51.32 3.22 0.00	48.99 3.36 0.00	42.01 2.91 0.00	53.15 3.59 0.00	80.20 5.93 0.00	71.97 5.25 0.00	74.50 5.17 0.00	70.82 4.55 0.00	56.97 3.24 0.00	44.73 2.41 0.00	38.84 1.99 0.00
WADING RIVER_IC_1 23522	35.67 3.22 0.00	31.46 2.39 0.00	30.89 2.17 0.00	30.76 2.06 0.00	30.97 2.10 0.00	33.68 2.09 0.00	34.15 1.96 0.00	40.47 1.90 0.00	38.75 1.67 0.00	38.41 1.52 0.61	33.15 1.57 3.33	43.26 1.88 5.29	46.25 2.21 1.80	45.87 1.99 4.21	42.96 1.98 4.65	38.41 2.04 2.72	49.61 2.31 2.26	75.13 4.56 3.70	69.07 4.09 1.74	70.87 4.58 3.03	67.92 4.40 2.75	52.66 3.49 4.56	44.67 2.35 0.00	38.74 1.89 0.00
WADING RIVER_IC_2 23547	35.67 3.22 0.00	31.46 2.39 0.00	30.89 2.17 0.00	30.76 2.06 0.00	30.97 2.10 0.00	33.68 2.09 0.00	34.15 1.96 0.00	40.47 1.90 0.00	38.75 1.67 0.00	38.41 1.52 0.61	33.15 1.57 3.33	43.26 1.88 5.29	46.25 2.21 1.80	45.87 1.99 4.21	42.96 1.98 4.65	38.41 2.04 2.72	49.61 2.31 2.26	75.13 4.56 3.70	69.07 4.09 1.74	70.87 4.58 3.03	67.92 4.40 2.75	52.66 3.49 4.56	44.67 2.35 0.00	38.74 1.89 0.00
WADING RIVER_IC_3 23601	35.67 3.22 0.00	31.46 2.39 0.00	30.89 2.17 0.00	30.76 2.06 0.00	30.97 2.10 0.00	33.68 2.09 0.00	34.15 1.96 0.00	40.47 1.90 0.00	38.75 1.67 0.00	38.41 1.52 0.61	33.15 1.57 3.33	43.26 1.88 5.29	46.25 2.21 1.80	45.87 1.99 4.21	42.96 1.98 4.65	38.41 2.04 2.72	49.61 2.31 2.26	75.13 4.56 3.70	69.07 4.09 1.74	70.87 4.58 3.03	67.92 4.40 2.75	52.66 3.49 4.56	44.67 2.35 0.00	38.74 1.89 0.00
WALDENNY_12_KV_BK2 80841	31.58 -0.87 0.00	28.26 -0.81 0.00	28.03 -0.69 0.00	28.03 -0.67 0.00	28.04 -0.84 0.00	30.66 -0.93 0.00	31.12 -1.08 0.00	36.89 -1.69 0.00	35.78 -1.30 0.00	36.50 -1.00 0.00	34.15 -0.75 0.00	45.40 -1.27 0.00	44.52 -1.33 0.00	46.19 -1.91 0.00	43.14 -2.49 0.00	36.75 -2.35 0.00	46.22 -3.34 0.00	67.97 -6.30 0.00	60.98 -5.75 0.00	63.60 -5.73 0.00	61.13 -5.13 0.00	49.91 -3.82 0.00	39.51 -2.81 0.00	35.02 -1.83 0.00
WALDEN___HYDRO 24148	34.53 2.07 0.00	30.81 1.74 0.00	30.34 1.61 0.00	30.32 1.62 0.00	30.55 1.68 0.00	33.31 1.72 0.00	33.81 1.62 0.00	40.34 1.77 0.00	38.73 1.65 0.00	39.08 1.58 0.00	36.42 1.52 0.00	48.75 2.07 0.00	48.12 2.27 0.00	50.73 2.63 0.00	48.44 2.81 0.00	41.36 2.27 0.00	52.48 2.92 0.00	79.22 4.95 0.00	71.14 4.41 0.00	73.79 4.46 0.00	70.27 4.00 0.00	56.61 2.88 0.00	44.44 2.12 0.00	38.57 1.72 0.00
WARRENSBURG____ 23737	34.27 1.82 0.00	30.59 1.52 0.00	30.15 1.42 0.00	30.10 1.40 0.00	30.28 1.40 0.00	33.19 1.59 0.00	33.92 1.73 0.00	40.51 1.94 0.00	38.90 1.82 0.00	39.47 1.96 0.00	36.59 1.68 0.00	49.16 2.48 0.00	48.09 2.25 0.00	50.32 2.23 0.00	47.63 2.00 0.00	40.10 1.00 0.00	50.65 1.10 0.00	75.99 1.72 0.00	68.22 1.50 0.00	70.67 1.34 0.00	67.56 1.29 0.00	54.61 0.88 0.00	43.06 0.74 0.00	38.26 1.41 0.00
WATERSIDE___6 8 9 23538	34.88 2.44 0.00	31.15 2.08 0.00	30.61 1.89 0.00	30.60 1.90 0.00	30.79 1.91 0.00	33.49 1.90 0.00	34.04 1.85 0.00	40.62 2.04 0.00	39.04 1.96 0.00	39.48 1.97 0.00	36.82 1.92 0.00	49.25 2.58 0.00	48.58 2.74 0.00	51.11 3.01 0.00	48.79 3.16 0.00	41.61 2.71 0.20	52.89 3.33 0.00	79.90 5.64 0.00	71.70 4.97 0.00	74.23 4.90 0.00	70.58 4.31 0.00	56.80 3.07 0.00	44.28 2.25 0.30	38.58 1.85 0.12
WATKINRD_115KV_LN8_ILLION 55919	32.43 -0.02 0.00	29.02 -0.05 0.00	28.63 -0.10 0.00	28.61 -0.10 0.00	28.79 -0.09 0.00	31.49 -0.10 0.00	31.90 -0.30 0.00	38.13 -0.45 0.00	36.65 -0.42 0.00	37.02 -0.48 0.00	34.34 -0.57 0.00	46.10 -0.57 0.00	45.28 -0.57 0.00	47.57 -0.53 0.00	45.19 -0.44 0.00	38.62 -0.47 0.00	49.06 -0.49 0.00	73.90 -0.36 0.00	66.45 -0.28 0.00	69.05 -0.28 0.00	65.95 -0.33 0.00	53.38 -0.35 0.00	41.99 -0.34 0.00	36.49 -0.37 0.00

WDELAWARE___HYD 323627	34.82 2.37 0.00	31.06 1.99 0.00	30.57 1.85 0.00	30.56 1.86 0.00	30.82 1.94 0.00	33.61 2.01 0.00	34.12 1.93 0.00	40.70 2.13 0.00	39.08 2.00 0.00	39.39 1.88 0.00	36.65 1.75 0.00	49.12 2.45 0.00	48.56 2.72 0.00	51.26 3.16 0.00	48.95 3.32 0.00	41.58 2.48 0.00	52.83 3.27 0.00	79.82 5.56 0.00	71.82 5.10 0.00	74.59 5.26 0.00	71.08 4.81 0.00	57.27 3.54 0.00	44.93 2.61 0.00	38.97 2.11 0.00
WEST BABYLON___IC 23714	35.63 3.18 0.00	31.58 2.51 0.00	31.00 2.28 0.00	30.90 2.20 0.00	31.10 2.23 0.00	33.87 2.28 0.00	34.31 2.12 0.00	40.67 2.10 0.00	39.01 1.93 0.00	39.37 1.86 0.00	36.85 1.94 0.00	49.70 2.52 -0.51	48.56 2.71 0.00	50.57 2.48 0.00	48.18 2.55 0.00	41.49 2.40 0.00	52.27 2.72 0.00	79.15 4.89 0.00	70.98 4.26 0.00	73.86 4.53 0.00	70.49 4.23 0.00	57.04 3.31 0.00	44.61 2.29 0.00	38.84 1.98 0.00
WEST CANADA___HYD 24049	32.48 0.03 0.00	29.10 0.03 0.00	28.75 0.02 0.00	28.73 0.03 0.00	28.89 0.02 0.00	31.59 0.00 0.00	32.12 -0.07 0.00	38.42 -0.16 0.00	36.93 -0.15 0.00	37.32 -0.18 0.00	34.74 -0.17 0.00	46.46 -0.22 0.00	45.64 -0.21 0.00	47.93 -0.17 0.00	45.48 -0.15 0.00	38.94 -0.15 0.00	49.41 -0.15 0.00	74.04 -0.22 0.00	66.53 -0.20 0.00	69.12 -0.21 0.00	66.05 -0.22 0.00	53.53 -0.20 0.00	42.16 -0.16 0.00	36.71 -0.14 0.00
WESTERN_NY_WIND 24143	31.95 -0.50 0.00	28.61 -0.46 0.00	28.35 -0.38 0.00	28.32 -0.38 0.00	28.37 -0.51 0.00	31.04 -0.55 0.00	31.55 -0.64 0.00	37.43 -1.14 0.00	36.33 -0.74 0.00	37.01 -0.49 0.00	34.52 -0.38 0.00	45.88 -0.79 0.00	44.98 -0.86 0.00	46.68 -1.42 0.00	43.60 -2.03 0.00	37.19 -1.91 0.00	46.89 -2.67 0.00	69.10 -5.17 0.00	62.09 -4.64 0.00	64.68 -4.64 0.00	62.33 -3.94 0.00	50.92 -2.81 0.00	40.30 -2.02 0.00	35.60 -1.25 0.00
WESTOVER___LESR 323668	32.58 0.13 0.00	29.16 0.09 0.00	28.85 0.12 0.00	28.84 0.14 0.00	28.97 0.09 0.00	31.68 0.08 0.00	32.11 -0.08 0.00	38.34 -0.24 0.00	36.96 -0.11 0.00	37.52 0.02 0.00	34.98 0.08 0.00	46.71 0.03 0.00	45.83 -0.01 0.00	47.91 -0.18 0.00	45.27 -0.36 0.00	38.78 -0.32 0.00	49.15 -0.41 0.00	73.43 -0.83 0.00	65.82 -0.91 0.00	68.51 -0.82 0.00	65.32 -0.95 0.00	52.93 -0.80 0.00	41.71 -0.61 0.00	36.48 -0.37 0.00
WETHRSFD_WT_PWR 323626	31.69 -0.76 0.00	28.38 -0.70 0.00	28.16 -0.57 0.00	28.15 -0.54 0.00	28.14 -0.74 0.00	30.77 -0.82 0.00	31.18 -1.01 0.00	37.09 -1.49 0.00	35.92 -1.16 0.00	36.58 -0.93 0.00	34.18 -0.73 0.00	45.44 -1.23 0.00	44.52 -1.32 0.00	46.25 -1.84 0.00	43.31 -2.32 0.00	37.03 -2.07 0.00	46.69 -2.87 0.00	69.01 -5.26 0.00	61.90 -4.83 0.00	64.52 -4.81 0.00	61.96 -4.31 0.00	50.40 -3.33 0.00	39.68 -2.64 0.00	35.04 -1.81 0.00
WHAVSTOR_138KV_BK127 55557	34.54 2.09 0.00	30.82 1.75 0.00	30.33 1.60 0.00	30.29 1.60 0.00	30.51 1.63 0.00	33.25 1.66 0.00	33.75 1.56 0.00	40.27 1.69 0.00	38.66 1.59 0.00	39.08 1.58 0.00	36.45 1.54 0.00	48.76 2.09 0.00	48.10 2.25 0.00	50.68 2.58 0.00	48.34 2.71 0.00	41.42 2.33 0.00	52.50 2.95 0.00	79.13 4.86 0.00	71.03 4.31 0.00	73.59 4.26 0.00	70.02 3.75 0.00	56.35 2.62 0.00	44.25 1.92 0.00	38.45 1.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.54 2.09 0.00	30.82 1.75 0.00	30.33 1.60 0.00	30.29 1.60 0.00	30.51 1.63 0.00	33.25 1.66 0.00	33.75 1.56 0.00	40.27 1.69 0.00	38.66 1.59 0.00	39.08 1.58 0.00	36.45 1.54 0.00	48.76 2.09 0.00	48.10 2.25 0.00	50.68 2.58 0.00	48.34 2.71 0.00	41.42 2.33 0.00	52.50 2.95 0.00	79.13 4.86 0.00	71.03 4.31 0.00	73.59 4.26 0.00	70.02 3.75 0.00	56.35 2.62 0.00	44.25 1.92 0.00	38.45 1.60 0.00
WHITEHAL_115KV_TB1 80871	34.85 2.40 0.00	31.02 1.95 0.00	30.50 1.77 0.00	30.43 1.73 0.00	30.64 1.77 0.00	33.76 2.16 0.00	34.30 2.11 0.00	40.81 2.23 0.00	39.03 1.95 0.00	39.91 2.40 0.00	36.90 1.99 0.00	49.69 3.02 0.00	48.50 2.65 0.00	51.45 3.35 0.00	48.92 3.29 0.00	41.30 2.21 0.00	52.17 2.61 0.00	77.41 3.15 0.00	69.22 2.49 0.00	71.63 2.30 0.00	68.48 2.21 0.00	55.42 1.69 0.00	43.65 1.33 0.00	38.51 1.66 0.00
WHITEPLN_13_KV_LOAD 356215	35.00 2.54 0.00	31.22 2.15 0.00	30.68 1.95 0.00	30.61 1.91 0.00	30.83 1.95 0.00	33.59 1.99 0.00	34.09 1.90 0.00	40.69 2.11 0.00	39.11 2.03 0.00	39.54 2.04 0.00	36.88 1.97 0.00	49.37 2.69 0.00	48.67 2.83 0.00	51.25 3.16 0.00	48.90 3.26 0.00	41.92 2.83 0.00	53.16 3.60 0.00	80.13 5.87 0.00	71.95 5.23 0.00	74.55 5.22 0.00	70.93 4.66 0.00	57.10 3.37 0.00	44.82 2.50 0.00	38.91 2.06 0.00
WM_FLOYD_69_KV_BK2 356380	35.63 3.18 0.00	31.49 2.42 0.00	30.92 2.19 0.00	30.80 2.10 0.00	31.01 2.13 0.00	33.73 2.13 0.00	34.20 2.01 0.00	40.51 1.93 0.00	38.78 1.71 0.00	38.47 1.56 0.60	33.25 1.62 3.27	43.40 1.91 5.18	46.28 2.20 1.77	45.93 1.97 4.14	43.07 2.01 4.57	38.48 2.06 2.67	49.65 2.32 2.22	75.17 4.54 3.63	69.09 4.07 1.71	70.87 4.52 2.97	67.90 4.33 2.70	52.66 3.41 4.48	44.62 2.30 0.00	38.71 1.86 0.00
WOODARD___115KV_TB2 355635	32.08 -0.37 0.00	28.79 -0.28 0.00	28.45 -0.28 0.00	28.43 -0.28 0.00	28.57 -0.30 0.00	31.25 -0.35 0.00	31.70 -0.49 0.00	37.77 -0.80 0.00	36.41 -0.67 0.00	36.90 -0.60 0.00	34.37 -0.54 0.00	45.92 -0.75 0.00	45.06 -0.78 0.00	47.21 -0.89 0.00	44.69 -0.95 0.00	38.25 -0.85 0.00	48.54 -1.02 0.00	72.56 -1.70 0.00	65.20 -1.53 0.00	67.78 -1.55 0.00	64.79 -1.49 0.00	52.34 -1.40 0.00	41.19 -1.13 0.00	35.93 -0.92 0.00
WOODMERE_69_KV_BK1 55827	35.46 2.95 -0.06	31.44 2.36 0.00	30.87 2.14 0.00	30.81 2.11 0.00	31.01 2.13 0.00	33.78 2.19 0.00	34.24 2.05 0.00	40.63 2.06 0.00	39.03 1.95 0.00	47.73 1.93 -8.29	82.11 2.12 -45.08	128.07 2.86 -78.54	73.07 2.89 -24.33	108.05 2.97 -56.99	111.69 3.08 -62.98	78.71 2.79 -36.82	83.45 3.34 -30.56	129.92 5.60 -50.06	94.99 4.75 -23.51	115.35 5.06 -40.97	108.05 4.59 -37.19	118.85 3.42 -61.69	44.70 2.38 0.00	38.87 2.02 0.00
YORK___WARBASSE 23770	35.05 2.60 0.00	31.31 2.24 0.00	30.74 2.02 0.00	30.74 2.04 0.00	30.91 2.04 0.00	33.65 2.05 0.00	34.20 2.00 0.00	40.79 2.22 0.00	39.21 2.13 0.00	39.65 2.15 0.00	36.97 2.06 0.00	49.47 2.79 0.00	48.85 3.00 0.00	51.34 3.24 0.00	49.07 3.44 0.00	43.01 2.96 -0.95	53.10 3.54 0.00	80.28 6.02 0.00	72.06 5.33 0.00	74.64 5.31 0.00	70.93 4.65 0.00	57.02 3.28 0.00	46.18 2.44 -1.42	39.44 2.02 -0.57