

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/27/2025

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	36.19	31.48	32.24	29.54	30.74	30.63	32.62	32.48	30.12	34.82	47.39	54.05	54.16	55.66	58.04	52.63	61.39	86.40	85.97	75.67	69.40	70.68	58.43	52.41
24138	1.88	1.91	1.82	1.68	1.53	1.56	1.50	1.36	1.39	1.49	1.92	2.13	2.19	2.28	1.99	1.76	2.01	3.23	3.41	2.85	2.02	2.08	1.94	1.90
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.05	-0.64	-1.04	-1.65	-2.23	-1.64	-3.24	-2.39	0.00	0.00	0.00	0.00	-1.37	-1.97
74TH STREET_GT_1	36.24	31.50	32.29	29.59	30.80	30.69	32.68	32.54	30.16	34.86	47.46	54.20	54.37	55.92	58.30	52.86	61.64	86.78	86.37	76.05	69.74	71.02	58.72	52.64
24260	1.93	1.94	1.87	1.73	1.59	1.62	1.56	1.42	1.43	1.53	1.99	2.29	2.40	2.54	2.24	1.99	2.25	3.61	3.82	3.23	2.37	2.41	2.24	2.13
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.05	-0.64	-1.04	-1.65	-2.23	-1.64	-3.24	-2.39	0.00	0.00	0.00	0.00	-1.37	-1.97
74TH STREET_GT_2	36.24	31.50	32.29	29.59	30.80	30.69	32.68	32.54	30.16	34.86	47.46	54.20	54.37	55.92	58.30	52.86	61.64	86.78	86.37	76.05	69.74	71.02	58.72	52.64
24261	1.93	1.94	1.87	1.73	1.59	1.62	1.56	1.42	1.43	1.53	1.99	2.29	2.40	2.54	2.24	1.99	2.25	3.61	3.82	3.23	2.37	2.41	2.24	2.13
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.05	-0.64	-1.04	-1.65	-2.23	-1.64	-3.24	-2.39	0.00	0.00	0.00	0.00	-1.37	-1.97
ADK HUDSON___FALLS	36.01	31.38	32.78	30.04	31.30	31.10	33.25	32.73	30.07	34.22	44.70	52.20	51.23	51.37	52.96	48.78	54.50	81.31	86.72	76.82	70.76	72.02	56.39	49.01
24011	1.80	1.82	2.35	2.18	2.09	2.03	2.13	1.61	1.35	1.22	1.20	1.49	1.23	1.11	1.13	1.02	1.25	2.66	4.17	4.00	3.38	3.42	2.50	2.22
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.94	0.57	0.93	1.47	2.00	1.47	2.90	2.14	0.00	0.00	0.00	0.00	1.22	1.76
ADK RESOURCE___RCVRY	36.31	31.67	33.06	30.25	31.50	31.32	33.51	32.98	30.28	34.39	44.91	52.52	51.48	51.57	53.17	48.91	54.75	81.72	87.27	77.32	71.23	72.57	56.85	49.43
23798	2.10	2.11	2.63	2.39	2.30	2.25	2.39	1.86	1.55	1.38	1.41	1.80	1.46	1.29	1.31	1.14	1.46	3.05	4.72	4.50	3.86	3.96	2.94	2.62
	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.92	0.56	0.92	1.45	1.97	1.45	2.86	2.11	0.00	0.00	0.00	0.00	1.21	1.73
ADK S GLENS___FALLS	36.01	31.38	32.78	30.04	31.30	31.10	33.25	32.73	30.07	34.22	44.70	52.20	51.23	51.37	52.96	48.78	54.50	81.31	86.72	76.82	70.76	72.02	56.39	49.01
24028	1.80	1.82	2.35	2.18	2.09	2.03	2.13	1.61	1.35	1.22	1.20	1.49	1.23	1.11	1.13	1.02	1.25	2.66	4.17	4.00	3.38	3.42	2.50	2.22
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.94	0.57	0.93	1.47	2.00	1.47	2.90	2.14	0.00	0.00	0.00	0.00	1.22	1.76
ADK_NYS___DAM	34.89	30.56	31.68	29.05	30.26	30.20	32.18	31.65	29.18	33.02	42.40	50.13	48.99	48.49	49.15	45.64	49.53	76.04	83.05	73.43	67.32	68.79	52.43	44.83
23527	0.73	0.99	1.25	1.20	1.05	1.13	1.06	0.54	0.45	0.21	0.06	0.12	0.13	0.04	-0.23	-0.32	-0.16	0.02	0.50	0.61	-0.05	0.19	0.04	0.20
	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.09	1.27	2.07	3.28	4.45	3.27	6.45	4.76	0.00	0.00	0.00	0.00	2.72	3.92
AIR_PRODUCTS___DRP	33.95	29.61	30.53	28.07	29.28	29.18	31.12	30.83	28.36	32.42	42.58	49.58	48.98	49.38	50.79	46.76	52.30	77.05	80.86	71.49	65.72	67.04	52.81	46.04
24190	-0.27	0.04	0.11	0.21	0.08	0.10	0.00	-0.29	-0.36	-0.61	-1.08	-1.23	-1.18	-1.15	-1.40	-1.27	-1.46	-1.98	-1.69	-1.33	-1.66	-1.56	-1.29	-1.06
	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.77	0.47	0.76	1.21	1.64	1.21	2.38	1.76	0.00	0.00	0.00	0.00	1.01	1.45
AKWESSNE_115KV_BK	34.51	29.55	30.26	27.59	29.08	28.94	31.04	31.44	29.16	33.77	45.18	52.06	51.60	52.33	54.58	49.96	56.91	81.57	82.90	73.15	67.97	69.31	55.58	48.82
355683	0.24	-0.02	-0.16	-0.26	-0.13	-0.13	-0.08	0.32	0.43	0.62	0.75	0.78	0.67	0.60	0.75	0.73	0.77	0.79	0.34	0.33	0.59	0.71	0.46	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.09	29.71	30.63	28.17	29.42	29.31	31.28	31.00	28.50	32.59	43.08	49.90	49.18	49.92	51.39	47.33	53.07	77.49	80.93	71.89	66.23	67.53	53.57	46.87
323833	-0.14	0.14	0.20	0.31	0.21	0.24	0.15	-0.11	-0.23	-0.49	-0.85	-1.08	-1.25	-1.02	-1.36	-1.12	-1.52	-2.15	-1.63	-0.93	-1.14	-1.08	-0.89	-0.73
	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.50	0.31	0.50	0.79	1.07	0.79	1.55	1.15	0.00	0.00	0.00	0.00	0.66	0.94
ALBANY_2_SOLAR	34.08	29.69	30.61	28.15	29.40	29.30	31.26	30.99	28.48	32.56	43.06	49.88	49.16	49.89	51.38	47.31	53.06	77.43	80.88	71.86	66.22	67.49	53.55	46.84
323834	-0.16	0.12	0.18	0.29	0.19	0.22	0.14	-0.13	-0.24	-0.51	-0.87	-1.10	-1.27	-1.05	-1.37	-1.14	-1.53	-2.21	-1.68	-0.96	-1.15	-1.12	-0.91	-0.76
	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.50	0.31	0.50	0.79	1.07	0.79	1.55	1.15	0.00	0.00	0.00	0.00	0.66	0.94
ALBANY___1	33.95	29.61	30.53	28.07	29.28	29.18	31.12	30.83	28.36	32.42	42.58	49.58	48.98	49.38	50.79	46.76	52.30	77.05	80.86	71.49	65.72	67.04	52.81	46.04
23571	-0.27	0.04	0.11	0.21	0.08	0.10	0.00	-0.29	-0.36	-0.61	-1.08	-1.23	-1.18	-1.15	-1.40	-1.27	-1.46	-1.98	-1.69	-1.33	-1.66	-1.56	-1.29	-1.06
	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.77	0.47	0.76	1.21	1.64	1.21	2.38	1.76	0.00	0.00	0.00	0.00	1.01	1.45

ALBANY___2 23572	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.11 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.18 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.30 -1.46 2.38	77.05 -1.98 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.56 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
ALBANY___3 23573	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.11 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.18 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.30 -1.46 2.38	77.05 -1.98 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.56 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
ALBANY___4 23574	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.11 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.18 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.30 -1.46 2.38	77.05 -1.98 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.56 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
ALBANY___LFGE 323615	34.37 0.14 0.04	29.96 0.39 0.00	30.89 0.47 0.00	28.39 0.53 0.00	29.63 0.42 0.00	29.51 0.44 0.00	31.47 0.36 0.00	31.19 0.07 0.00	28.71 -0.02 0.00	32.80 -0.22 0.14	43.07 -0.52 0.84	50.22 -0.55 0.51	49.59 -0.50 0.84	49.96 -0.45 1.32	51.39 -0.65 1.79	47.32 -0.59 1.32	52.88 -0.66 2.60	78.11 -0.75 1.92	82.17 -0.39 0.00	72.65 -0.17 0.00	66.76 -0.61 0.00	68.06 -0.54 0.00	53.52 -0.49 1.10	46.58 -0.38 1.58
ALCOA_PA_115KV_PL-6C 55860	34.72 0.46 0.00	29.68 0.12 0.00	30.40 -0.02 0.00	27.72 -0.14 0.00	29.22 0.01 0.00	29.09 0.02 0.00	31.20 0.07 0.00	31.60 0.49 0.00	29.29 0.56 0.00	33.94 0.78 0.00	45.48 1.05 0.00	52.36 1.08 0.00	51.86 0.93 0.00	52.62 0.88 0.00	54.89 1.06 0.00	50.21 0.98 0.00	57.18 1.04 0.00	81.93 1.15 0.00	83.32 0.77 0.00	73.59 0.77 0.00	68.39 1.02 0.00	69.73 1.13 0.00	56.00 0.88 0.00	49.12 0.58 0.00
ALCOA_RYNLDS___DRP 24188	34.72 0.46 0.00	29.68 0.12 0.00	30.40 -0.02 0.00	27.72 -0.14 0.00	29.22 0.01 0.00	29.09 0.02 0.00	31.20 0.07 0.00	31.60 0.49 0.00	29.29 0.56 0.00	33.94 0.78 0.00	45.48 1.05 0.00	52.36 1.08 0.00	51.86 0.93 0.00	52.62 0.88 0.00	54.89 1.06 0.00	50.21 0.98 0.00	57.18 1.04 0.00	81.93 1.15 0.00	83.32 0.77 0.00	73.59 0.77 0.00	68.39 1.02 0.00	69.73 1.13 0.00	56.00 0.88 0.00	49.12 0.58 0.00
ALCOA___DSASP 323711	34.72 0.46 0.00	29.69 0.12 0.00	30.40 -0.02 0.00	27.72 -0.14 0.00	29.22 0.01 0.00	29.09 0.02 0.00	31.20 0.07 0.00	31.60 0.49 0.00	29.29 0.56 0.00	33.94 0.78 0.00	45.48 1.05 0.00	52.37 1.08 0.00	51.86 0.93 0.00	52.62 0.88 0.00	54.89 1.06 0.00	50.21 0.98 0.00	57.18 1.04 0.00	81.93 1.15 0.00	83.32 0.77 0.00	73.59 0.77 0.00	68.39 1.02 0.00	69.73 1.13 0.00	56.00 0.88 0.00	49.12 0.58 0.00
ALLEGHENY___COGEN 23514	36.49 2.23 0.00	31.84 2.27 0.00	32.75 2.33 0.00	29.77 1.92 0.00	31.25 2.05 0.00	30.96 1.89 0.00	33.39 2.27 0.00	33.26 2.15 0.00	30.50 1.78 0.00	34.84 1.69 0.00	49.76 2.44 -2.89	53.00 1.72 0.00	51.95 1.02 0.00	52.92 1.18 0.00	55.59 1.77 0.00	50.73 1.49 0.00	58.35 2.21 0.00	84.26 3.48 0.00	87.48 4.93 0.00	78.29 5.47 0.00	73.21 5.84 0.00	74.10 5.49 0.00	59.44 4.33 0.00	51.98 3.44 0.00
ALTAMONT_115KV_TB 2 55880	34.42 0.18 0.02	29.95 0.38 0.00	30.86 0.44 0.00	28.37 0.51 0.00	29.62 0.41 0.00	29.51 0.44 0.00	31.50 0.38 0.00	31.26 0.14 0.00	28.77 0.05 0.00	32.96 -0.11 0.08	43.65 -0.28 0.50	50.67 -0.30 0.31	50.14 -0.29 0.50	50.70 -0.24 0.79	52.34 -0.42 1.07	48.03 -0.41 0.79	54.14 -0.45 1.55	79.13 -0.51 1.15	82.36 -0.20 0.00	72.80 -0.02 0.00	66.98 -0.40 0.00	68.29 -0.31 0.00	54.21 -0.25 0.65	47.44 -0.16 0.94
ALTONA_WT_PWR 323606	34.60 0.34 0.00	29.62 0.05 0.00	30.30 -0.12 0.00	27.73 -0.13 0.00	29.16 -0.05 0.00	29.12 0.04 0.00	31.31 0.19 0.00	31.74 0.62 0.00	29.45 0.73 0.00	34.05 0.90 0.00	45.41 0.98 0.00	52.16 0.88 0.00	51.55 0.62 0.00	52.28 0.54 0.00	54.49 0.66 0.00	49.88 0.65 0.00	56.92 0.77 0.00	81.76 0.98 0.00	83.23 0.68 0.00	73.56 0.74 0.00	68.09 0.71 0.00	69.32 0.71 0.00	55.42 0.30 0.00	48.64 0.10 0.00
AMERICAN_REF_FUEL 24010	34.10 -0.16 0.00	29.95 0.38 0.00	30.97 0.54 0.00	28.10 0.25 0.00	29.64 0.43 0.00	29.32 0.24 0.00	31.63 0.51 0.00	31.43 0.31 0.00	28.89 0.16 0.00	33.45 0.30 0.00	46.00 1.38 -0.19	53.33 2.05 0.00	52.48 1.56 0.00	53.22 1.49 0.00	56.35 2.52 0.00	51.29 2.06 0.00	58.74 2.59 0.00	84.39 3.61 0.00	87.08 4.52 0.00	76.23 3.41 0.00	69.73 2.36 0.00	70.32 1.72 0.00	57.15 2.04 0.00	50.38 1.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.58 0.32 0.00	30.23 0.67 0.00	31.25 0.83 0.00	28.18 0.32 0.00	29.61 0.41 0.00	29.63 0.55 0.00	32.16 1.04 0.00	32.07 0.95 0.00	29.45 0.73 0.00	33.87 0.72 0.00	46.44 1.76 -0.25	54.14 2.86 0.00	53.51 2.58 0.00	54.41 2.68 0.00	57.64 3.81 0.00	52.53 3.30 0.00	60.26 4.11 0.00	87.11 6.33 0.00	89.74 7.18 0.00	78.07 5.25 0.00	71.72 4.35 0.00	71.80 3.19 0.00	58.33 3.21 0.00	51.68 3.14 0.00
ARTHUR KILL_GT_1 23520	36.03 1.72 -0.05	31.31 1.74 0.00	31.97 1.54 0.00	29.31 1.45 0.00	30.48 1.27 0.00	30.36 1.29 0.00	32.31 1.18 0.00	32.22 1.10 0.00	29.84 1.11 0.00	34.44 1.11 -0.17	46.85 1.37 -1.05	53.30 1.38 -0.64	53.47 1.50 -1.04	55.06 1.68 -1.65	57.36 1.31 -2.22	52.11 1.24 -1.64	60.76 1.38 -3.24	85.44 2.27 -2.39	85.04 2.49 0.00	74.91 2.10 0.01	68.72 1.35 0.00	69.90 1.30 0.00	57.85 1.37 -1.37	52.08 1.57 -1.97
ARTHUR_KILL_2 23512	35.90 1.59 -0.05	31.19 1.63 0.00	31.85 1.43 0.00	29.20 1.35 0.00	30.38 1.17 0.00	30.26 1.19 0.00	32.20 1.08 0.00	32.11 0.99 0.00	29.74 1.01 0.00	34.32 0.99 -0.17	46.69 1.22 -1.05	53.08 1.16 -0.64	53.25 1.29 -1.03	54.80 1.42 -1.65	57.12 1.07 -2.22	51.84 0.97 -1.64	60.46 1.07 -3.24	85.04 1.87 -2.39	84.63 2.08 0.00	74.52 1.71 0.01	68.36 0.99 0.00	69.53 0.93 0.00	57.52 1.04 -1.37	51.86 1.35 -1.97
ARTHUR_KILL_3 23513	35.81 1.50 -0.05	31.12 1.56 0.00	31.89 1.47 0.00	29.22 1.36 0.00	30.41 1.20 0.00	30.29 1.22 0.00	32.24 1.12 0.00	32.12 1.00 0.00	29.77 1.04 0.00	34.40 1.07 -0.17	46.81 1.33 -1.05	53.40 1.48 -0.64	53.57 1.61 -1.04	55.08 1.69 -1.65	57.39 1.33 -2.23	52.10 1.23 -1.64	60.70 1.31 -3.24	85.32 2.15 -2.39	84.88 2.33 0.00	74.72 1.90 0.00	68.51 1.14 0.00	69.81 1.21 0.00	57.81 1.33 -1.37	51.92 1.41 -1.97

ARTHUR_KILL_COGEN 323718	36.03 1.72 -0.05	31.31 1.74 0.00	31.97 1.54 0.00	29.30 1.45 0.00	30.48 1.27 0.00	30.36 1.28 0.00	32.31 1.18 0.00	32.22 1.10 0.00	29.84 1.12 0.00	34.44 1.11 -0.17	46.85 1.38 -1.05	53.28 1.37 -0.64	53.45 1.49 -1.03	55.04 1.66 -1.65	57.36 1.31 -2.22	52.07 1.20 -1.64	60.72 1.33 -3.24	85.44 2.27 -2.39	85.05 2.50 0.00	74.90 2.08 0.01	68.72 1.35 0.00	69.87 1.27 0.00	57.80 1.31 -1.37	52.10 1.59 -1.97
ASHOKAN____ 23654	35.72 1.46 0.00	31.00 1.43 0.00	31.81 1.39 0.00	29.20 1.34 0.00	30.45 1.25 0.00	30.31 1.24 0.00	32.35 1.23 0.00	32.16 1.04 0.00	29.70 0.97 0.00	34.37 1.21 0.00	46.05 1.62 0.00	53.13 1.85 0.00	52.92 1.99 0.00	54.10 2.37 0.00	55.90 2.07 0.00	51.30 2.07 0.00	58.21 2.07 0.00	84.01 3.23 0.00	86.33 3.78 0.00	76.27 3.45 0.00	70.07 2.70 0.00	71.22 2.61 0.00	57.41 2.30 0.00	50.49 1.95 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.03 1.72 -0.05	31.35 1.78 0.00	31.98 1.55 0.00	29.36 1.50 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.31 1.19 0.00	32.26 1.14 0.00	29.91 1.18 0.00	34.44 1.11 -0.17	46.80 1.32 -1.05	53.42 1.51 -0.64	53.56 1.59 -1.03	55.00 1.62 -1.65	57.30 1.24 -2.24	51.92 1.05 -1.65	60.46 1.07 -3.25	85.09 1.92 -2.40	84.65 2.09 -0.01	74.56 1.73 -0.01	68.35 0.97 -0.01	69.61 1.00 -0.01	57.63 1.15 -1.37	51.93 1.41 -1.97
ASTORIA_EAST_ENERGY_CC2 323582	36.03 1.72 -0.05	31.35 1.78 0.00	31.98 1.55 0.00	29.36 1.50 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.31 1.19 0.00	32.26 1.14 0.00	29.91 1.18 0.00	34.44 1.11 -0.17	46.80 1.32 -1.05	53.42 1.51 -0.64	53.56 1.59 -1.03	55.00 1.62 -1.65	57.30 1.24 -2.24	51.92 1.05 -1.65	60.46 1.07 -3.25	85.09 1.92 -2.40	84.65 2.09 -0.01	74.56 1.73 -0.01	68.35 0.97 -0.01	69.61 1.00 -0.01	57.63 1.15 -1.37	51.93 1.41 -1.97
ASTORIA_GT2_1 24094	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT2_2 24095	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT2_3 24096	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT2_4 24097	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT3_1 24098	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT3_2 24099	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT3_3 24100	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT3_4 24101	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT4_1 24102	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT4_2 24103	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT4_3 24104	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97

ASTORIA_GT4_4 24105	36.05 1.74 -0.05	31.38 1.81 0.00	31.98 1.56 0.00	29.38 1.52 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.82 1.34 -1.05	53.46 1.54 -0.64	53.61 1.64 -1.04	55.06 1.67 -1.65	57.33 1.27 -2.24	51.98 1.11 -1.65	60.53 1.14 -3.25	85.14 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.01 -0.01	69.66 1.05 -0.01	57.71 1.22 -1.37	51.94 1.43 -1.97
ASTORIA_GT_1 23523	36.12 1.81 -0.05	31.44 1.88 0.00	32.04 1.62 0.00	29.44 1.58 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.40 1.28 0.00	32.35 1.23 0.00	29.98 1.25 0.00	34.52 1.19 -0.17	46.92 1.44 -1.05	53.58 1.66 -0.64	53.73 1.76 -1.04	55.19 1.81 -1.65	57.49 1.42 -2.24	52.12 1.25 -1.65	60.70 1.31 -3.25	85.38 2.21 -2.40	84.97 2.41 -0.01	74.82 1.99 -0.01	68.60 1.22 -0.01	69.87 1.26 -0.01	57.88 1.39 -1.37	52.08 1.57 -1.97
ASTORIA_GT_10 24110	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.56 0.00	29.35 1.49 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.14 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.38 1.46 -0.64	53.44 1.47 -1.04	50.90 1.53 2.36	51.43 1.18 3.58	50.14 1.06 0.15	51.38 1.13 5.89	57.18 1.94 25.54	56.40 2.10 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.73 1.05 16.92	51.76 1.12 4.47	51.82 1.31 -1.97
ASTORIA_GT_11 24225	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.56 0.00	29.35 1.49 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.14 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.38 1.46 -0.64	53.44 1.47 -1.04	50.90 1.53 2.36	51.43 1.18 3.58	50.14 1.06 0.15	51.38 1.13 5.89	57.18 1.94 25.54	56.40 2.10 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.73 1.05 16.92	51.76 1.12 4.47	51.82 1.31 -1.97
ASTORIA_GT_12 24226	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.56 0.00	29.35 1.49 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.14 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.38 1.46 -0.64	53.44 1.47 -1.04	50.90 1.53 2.36	51.43 1.18 3.58	50.14 1.06 0.15	51.38 1.13 5.89	57.18 1.94 25.54	56.40 2.10 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.73 1.05 16.92	51.76 1.12 4.47	51.82 1.31 -1.97
ASTORIA_GT_13 24227	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.56 0.00	29.35 1.49 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.14 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.38 1.46 -0.64	53.44 1.47 -1.04	50.90 1.53 2.36	51.43 1.18 3.58	50.14 1.06 0.15	51.38 1.13 5.89	57.18 1.94 25.54	56.40 2.10 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.73 1.05 16.92	51.76 1.12 4.47	51.82 1.31 -1.97
ASTORIA_GT_5 24106	36.12 1.81 -0.05	31.44 1.88 0.00	32.04 1.62 0.00	29.44 1.58 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.40 1.28 0.00	32.35 1.23 0.00	29.98 1.25 0.00	34.52 1.19 -0.17	46.92 1.44 -1.05	53.58 1.66 -0.64	53.73 1.76 -1.04	55.19 1.81 -1.65	57.49 1.42 -2.24	52.12 1.25 -1.65	60.70 1.31 -3.25	85.38 2.21 -2.40	84.97 2.41 -0.01	74.82 1.99 -0.01	68.60 1.22 -0.01	69.87 1.26 -0.01	57.88 1.39 -1.37	52.08 1.57 -1.97
ASTORIA_GT_7 24107	36.12 1.81 -0.05	31.44 1.88 0.00	32.04 1.62 0.00	29.44 1.58 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.40 1.28 0.00	32.35 1.23 0.00	29.98 1.25 0.00	34.52 1.19 -0.17	46.92 1.44 -1.05	53.58 1.66 -0.64	53.73 1.76 -1.04	55.19 1.81 -1.65	57.49 1.42 -2.24	52.12 1.25 -1.65	60.70 1.31 -3.25	85.38 2.21 -2.40	84.97 2.41 -0.01	74.82 1.99 -0.01	68.60 1.22 -0.01	69.87 1.26 -0.01	57.88 1.39 -1.37	52.08 1.57 -1.97
ASTORIA_GT_8 24108	36.12 1.81 -0.05	31.44 1.88 0.00	32.04 1.62 0.00	29.44 1.58 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.40 1.28 0.00	32.35 1.23 0.00	29.98 1.25 0.00	34.52 1.19 -0.17	46.92 1.44 -1.05	53.58 1.66 -0.64	53.73 1.76 -1.04	55.19 1.81 -1.65	57.49 1.42 -2.24	52.12 1.25 -1.65	60.70 1.31 -3.25	85.38 2.21 -2.40	84.97 2.41 -0.01	74.82 1.99 -0.01	68.60 1.22 -0.01	69.87 1.26 -0.01	57.88 1.39 -1.37	52.08 1.57 -1.97
ASTORIA___2 24149	36.05 1.74 -0.05	31.37 1.80 0.00	31.99 1.56 0.00	29.37 1.51 0.00	30.55 1.35 0.00	30.44 1.37 0.00	32.33 1.21 0.00	32.28 1.16 0.00	29.91 1.19 0.00	34.45 1.12 -0.17	46.81 1.34 -1.05	53.45 1.53 -0.64	53.59 1.63 -1.03	55.03 1.64 -1.65	57.34 1.28 -2.24	51.96 1.08 -1.65	60.50 1.11 -3.25	85.13 1.96 -2.40	84.71 2.15 -0.01	74.59 1.76 -0.01	68.40 1.02 -0.01	69.65 1.04 -0.01	57.67 1.18 -1.37	51.95 1.43 -1.97
ASTORIA___3 23516	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.57 0.00	29.34 1.48 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.13 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.37 1.46 -0.64	53.44 1.48 -1.03	50.88 1.51 2.36	51.43 1.18 3.58	50.11 1.03 0.15	51.34 1.09 5.90	57.18 1.94 25.54	56.41 2.11 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.71 1.03 16.92	51.72 1.08 4.47	51.82 1.32 -1.96
ASTORIA___4 23517	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.56 0.00	29.35 1.49 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.14 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.38 1.46 -0.64	53.44 1.47 -1.04	50.90 1.53 2.36	51.43 1.18 3.58	50.14 1.06 0.15	51.38 1.13 5.89	57.18 1.94 25.54	56.40 2.10 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.73 1.05 16.92	51.76 1.12 4.47	51.82 1.31 -1.97
ASTORIA___5 23518	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.57 0.00	29.34 1.48 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.13 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.86 1.39 -1.05	53.37 1.46 -0.64	53.44 1.48 -1.03	50.88 1.51 2.36	51.43 1.18 3.58	50.11 1.03 0.15	51.34 1.09 5.90	57.18 1.94 25.54	56.41 2.11 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.71 1.03 16.92	51.72 1.08 4.47	51.82 1.32 -1.96
AST_ENERGY_2_CC3 323677	35.90 1.59 -0.05	31.23 1.66 0.00	32.01 1.59 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.13 0.00	29.89 1.17 0.00	34.52 1.19 -0.17	46.97 1.49 -1.05	53.59 1.67 -0.64	53.78 1.81 -1.04	55.30 1.93 -1.65	57.64 1.59 -2.23	52.26 1.39 -1.64	60.90 1.52 -3.24	85.72 2.55 -2.39	85.28 2.72 0.00	75.09 2.27 0.00	68.85 1.48 0.00	70.15 1.54 0.00	58.03 1.55 -1.37	52.06 1.56 -1.97
AST_ENERGY_2_CC4 323678	35.90 1.59 -0.05	31.23 1.66 0.00	32.01 1.59 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.13 0.00	29.89 1.17 0.00	34.52 1.19 -0.17	46.97 1.49 -1.05	53.59 1.67 -0.64	53.78 1.81 -1.04	55.30 1.93 -1.65	57.64 1.59 -2.23	52.26 1.39 -1.64	60.90 1.52 -3.24	85.72 2.55 -2.39	85.28 2.72 0.00	75.09 2.27 0.00	68.85 1.48 0.00	70.15 1.54 0.00	58.03 1.55 -1.37	52.06 1.56 -1.97

ATHENS_STG_1 23668	34.62 0.34 -0.02	30.08 0.52 0.00	30.96 0.54 0.00	28.50 0.64 0.00	29.73 0.53 0.00	29.63 0.56 0.00	31.60 0.48 0.00	31.37 0.25 0.00	28.88 0.15 0.00	33.25 0.03 -0.07	44.83 -0.03 -0.43	51.53 -0.01 -0.26	51.42 0.07 -0.43	52.51 0.10 -0.67	54.63 -0.11 -0.92	49.77 -0.13 -0.67	57.31 -0.16 -1.33	81.70 -0.06 -0.98	82.74 0.18 0.00	72.99 0.17 0.00	67.10 -0.28 0.00	68.41 -0.20 0.00	55.59 -0.08 -0.56	49.37 0.02 -0.80
ATHENS_STG_2 23670	34.62 0.34 -0.02	30.08 0.52 0.00	30.96 0.54 0.00	28.50 0.64 0.00	29.73 0.53 0.00	29.63 0.56 0.00	31.60 0.48 0.00	31.37 0.25 0.00	28.88 0.15 0.00	33.25 0.03 -0.07	44.83 -0.03 -0.43	51.53 -0.01 -0.26	51.42 0.07 -0.43	52.51 0.10 -0.67	54.63 -0.11 -0.92	49.77 -0.13 -0.67	57.31 -0.16 -1.33	81.70 -0.06 -0.98	82.74 0.18 0.00	72.99 0.17 0.00	67.10 -0.28 0.00	68.41 -0.20 0.00	55.59 -0.08 -0.56	49.37 0.02 -0.80
ATHENS_STG_3 23677	34.62 0.34 -0.02	30.08 0.52 0.00	30.96 0.54 0.00	28.50 0.64 0.00	29.73 0.53 0.00	29.63 0.56 0.00	31.60 0.48 0.00	31.37 0.25 0.00	28.88 0.15 0.00	33.25 0.03 -0.07	44.83 -0.03 -0.43	51.53 -0.01 -0.26	51.42 0.07 -0.43	52.51 0.10 -0.67	54.63 -0.11 -0.92	49.77 -0.13 -0.67	57.31 -0.16 -1.33	81.70 -0.06 -0.98	82.74 0.18 0.00	72.99 0.17 0.00	67.10 -0.28 0.00	68.41 -0.20 0.00	55.59 -0.08 -0.56	49.37 0.02 -0.80
AUBURN___LFGE 323710	34.79 0.53 0.00	30.15 0.58 0.00	31.00 0.58 0.00	28.37 0.51 0.00	29.74 0.53 0.00	29.58 0.50 0.00	31.71 0.59 0.00	31.61 0.49 0.00	29.03 0.30 0.00	33.49 0.33 0.00	45.13 0.56 -0.14	52.11 0.81 -0.02	51.51 0.58 0.00	52.78 1.04 0.00	54.86 1.03 0.00	50.13 0.90 0.00	57.31 1.16 0.00	84.96 2.08 -2.09	87.87 2.61 -2.70	76.67 2.69 -1.16	69.81 2.44 0.00	70.75 2.15 0.00	56.80 1.69 0.00	49.87 1.33 0.00
BABYLON_RES_REC 323704	35.36 1.05 -0.05	30.85 1.28 0.00	31.61 1.19 0.00	29.01 1.16 0.00	30.13 0.92 0.00	30.08 1.00 0.00	31.86 0.75 0.00	31.79 0.67 0.00	29.29 0.57 0.00	34.03 0.70 -0.17	46.49 1.02 -1.05	52.49 0.57 -0.64	52.88 0.91 -1.04	54.47 1.19 -1.54	56.22 0.33 -2.07	51.20 0.37 -1.60	59.07 -0.02 -2.95	81.80 0.15 -0.86	81.85 0.46 1.17	73.63 0.81 0.00	55.77 0.07 11.67	32.18 0.27 36.70	28.50 0.55 27.17	36.37 0.63 12.80
BALL_HILL_WT_PWR 323825	34.72 0.45 0.00	30.34 0.77 0.00	31.32 0.89 0.00	28.39 0.53 0.00	29.85 0.65 0.00	29.64 0.57 0.00	32.05 0.93 0.00	31.86 0.74 0.00	29.33 0.61 0.00	33.84 0.68 0.00	46.31 1.70 -0.18	53.88 2.60 0.00	53.19 2.26 0.00	54.05 2.31 0.00	57.20 3.38 0.00	52.07 2.84 0.00	59.74 3.59 0.00	86.15 5.37 0.00	88.94 6.38 0.00	77.62 4.79 0.00	71.19 3.82 0.00	71.56 2.96 0.00	58.09 2.98 0.00	51.22 2.68 0.00
BARON_WINDS___WT_PWR 323822	34.35 0.08 0.00	29.91 0.35 0.00	30.77 0.35 0.00	27.97 0.11 0.00	29.39 0.18 0.00	29.06 -0.01 0.00	31.42 0.30 0.00	31.23 0.11 0.00	28.68 -0.05 0.00	32.92 -0.24 0.00	41.09 0.05 3.39	51.65 0.37 0.00	50.97 0.04 0.00	51.72 -0.01 0.00	54.17 0.34 0.00	49.34 0.11 0.00	56.66 0.52 0.00	82.65 1.29 -0.58	85.90 2.60 -0.74	75.53 2.39 -0.32	69.49 2.11 0.00	70.09 1.49 0.00	56.57 1.46 0.00	49.70 1.16 0.00
BARRETT_IC_1 23704	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_10 23701	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_11 23702	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_12 23703	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_2 23705	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_3 23706	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_4 23707	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_5 23708	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53

BARRETT_IC_6 23709	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_7 23710	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.32 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.06 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.89 -0.17	46.72 1.25 -1.05	52.95 1.04 -0.64	53.25 1.28 -1.04	54.75 1.37 -1.65	56.76 0.70 -2.23	51.60 0.73 -1.64	59.98 0.60 -3.24	84.28 1.11 -2.39	83.74 1.19 0.00	74.03 1.21 0.00	68.58 0.30 -0.91	73.04 0.57 -3.86	60.39 0.89 -4.38	53.05 0.97 -3.53
BARRETT_IC_8 23711	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT_IC_9 23700	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT___1 23545	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BARRETT___2 23546	35.52 1.21 -0.05	30.99 1.42 0.00	31.75 1.33 0.00	29.14 1.28 0.00	30.28 1.07 0.00	30.20 1.13 0.00	32.05 0.94 0.00	31.96 0.84 0.00	29.47 0.74 0.00	34.21 0.88 -0.17	46.73 1.25 -1.05	52.95 1.03 -0.64	53.25 1.28 -1.04	54.77 1.39 -1.65	56.75 0.70 -2.23	51.61 0.74 -1.64	59.97 0.59 -3.24	84.27 1.11 -2.39	83.74 1.18 0.00	74.03 1.21 0.00	68.57 0.29 -0.91	73.01 0.55 -3.86	60.36 0.87 -4.38	53.03 0.95 -3.53
BATAVIA__115KV_TB1 55881	35.83 1.57 0.00	31.29 1.72 0.00	32.27 1.85 0.00	29.31 1.45 0.00	30.84 1.64 0.00	30.54 1.46 0.00	32.88 1.77 0.00	32.72 1.61 0.00	30.12 1.39 0.00	34.75 1.60 0.00	47.70 3.03 -0.24	55.19 3.91 0.00	54.18 3.25 0.00	55.07 3.34 0.00	58.21 4.38 0.00	53.05 3.82 0.00	60.85 4.70 0.00	88.00 7.22 0.00	91.48 8.92 0.00	80.59 7.77 0.00	73.95 6.57 0.00	74.53 5.93 0.00	60.12 5.01 0.00	52.67 4.12 0.00
BAYONEEC___CTG1 323682	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG10 323750	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG2 323683	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG3 323684	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG4 323685	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG5 323686	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG6 323687	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG7 323688	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97

BAYONEEC___CTG8 323689	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BAYONEEC___CTG9 323749	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.59 0.00	29.34 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.22 -0.17	47.02 1.54 -1.05	53.65 1.73 -0.64	53.82 1.86 -1.04	55.34 1.96 -1.65	57.65 1.59 -2.23	52.27 1.39 -1.64	60.90 1.52 -3.24	85.69 2.52 -2.39	85.26 2.71 0.00	75.06 2.24 0.00	68.83 1.46 0.00	70.11 1.51 0.00	58.03 1.55 -1.37	52.07 1.56 -1.97
BEACON___LESR 323632	34.44 0.21 0.04	30.03 0.47 0.00	30.97 0.55 0.00	28.42 0.57 0.00	29.66 0.46 0.00	29.54 0.47 0.00	31.51 0.39 0.00	31.23 0.11 0.00	28.76 0.04 0.00	32.89 -0.13 0.13	43.25 -0.37 0.82	50.41 -0.37 0.50	49.78 -0.34 0.81	50.18 -0.27 1.29	51.58 -0.50 1.74	47.45 -0.49 1.28	53.02 -0.59 2.53	78.36 -0.55 1.87	82.40 -0.15 0.00	72.88 0.06 0.00	66.94 -0.43 0.00	68.24 -0.36 0.00	53.67 -0.37 1.07	46.72 -0.28 1.54
BEAVER RIVER___HYD 24048	35.29 1.03 0.00	30.24 0.68 0.00	31.26 0.83 0.00	28.80 0.94 0.00	30.23 1.03 0.00	30.48 1.41 0.00	32.49 1.37 0.00	32.42 1.30 0.00	29.65 0.92 0.00	34.37 1.22 0.00	46.25 1.82 0.00	52.98 1.68 -0.01	52.56 1.63 0.00	53.07 1.34 0.00	54.98 1.16 0.00	50.19 0.96 0.00	56.82 0.68 0.00	83.83 1.82 -1.23	87.04 2.94 -1.55	76.41 2.96 -0.63	70.27 2.90 0.00	71.41 2.81 0.00	57.81 2.70 0.00	51.54 2.99 0.00
BEEBEE_GT_13 23619	35.15 0.89 0.00	30.56 1.00 0.00	31.50 1.08 0.00	28.68 0.82 0.00	30.14 0.93 0.00	29.88 0.80 0.00	32.11 0.99 0.00	31.99 0.86 0.00	29.47 0.74 0.00	34.10 0.94 0.00	46.77 2.04 -0.30	53.87 2.59 0.00	53.33 2.40 0.00	54.21 2.47 0.00	57.09 3.26 0.00	52.17 2.94 0.00	59.85 3.70 0.00	86.36 5.58 0.00	89.09 6.54 0.00	78.32 5.49 0.00	71.80 4.42 0.00	72.50 3.90 0.00	58.36 3.24 0.00	51.15 2.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.32 2.01 -0.05	31.57 2.01 0.00	32.24 1.82 0.00	29.56 1.70 0.00	30.74 1.54 0.00	30.62 1.54 0.00	32.58 1.46 0.00	32.49 1.37 0.00	30.11 1.38 0.00	34.75 1.43 -0.17	47.32 1.84 -1.05	53.95 2.03 -0.64	54.13 2.16 -1.04	55.69 2.31 -1.65	58.07 2.02 -2.22	52.70 1.83 -1.64	61.41 2.03 -3.24	86.46 3.30 -2.39	86.06 3.51 0.00	75.78 2.97 0.01	69.49 2.12 0.00	70.77 2.17 0.00	58.52 2.03 -1.37	52.60 2.09 -1.97
BETHLEHEM___GRP 23843	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.11 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.18 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.30 -1.46 2.38	77.05 -1.98 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.56 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
BETHLEHEM___GS1 323560	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.10 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.19 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.29 -1.47 2.38	77.05 -1.97 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.57 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
BETHLEHEM___GS2 323561	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.10 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.19 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.29 -1.47 2.38	77.05 -1.97 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.57 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
BETHLEHEM___GS3 323562	33.95 -0.27 0.04	29.61 0.04 0.00	30.53 0.10 0.00	28.07 0.21 0.00	29.28 0.08 0.00	29.18 0.10 0.00	31.12 0.00 0.00	30.83 -0.29 0.00	28.36 -0.36 0.00	32.42 -0.61 0.13	42.58 -1.08 0.77	49.58 -1.23 0.47	48.98 -1.19 0.76	49.38 -1.15 1.21	50.79 -1.40 1.64	46.76 -1.27 1.21	52.29 -1.47 2.38	77.05 -1.97 1.76	80.86 -1.69 0.00	71.49 -1.33 0.00	65.72 -1.66 0.00	67.04 -1.57 0.00	52.81 -1.29 1.01	46.04 -1.06 1.45
BETHLEHEM___STEEL 23779	34.91 0.64 0.00	30.49 0.93 0.00	31.49 1.07 0.00	28.57 0.71 0.00	30.08 0.88 0.00	29.78 0.70 0.00	32.15 1.03 0.00	31.93 0.81 0.00	29.37 0.64 0.00	34.00 0.84 0.00	46.66 2.04 -0.19	54.20 2.92 0.00	53.50 2.57 0.00	54.36 2.62 0.00	57.54 3.72 0.00	52.40 3.17 0.00	60.10 3.95 0.00	86.56 5.78 0.00	89.42 6.86 0.00	78.19 5.36 0.00	71.60 4.23 0.00	72.08 3.48 0.00	58.47 3.35 0.00	51.44 2.89 0.00
BETHLHEM_115KV_TB1 79974	34.03 -0.19 0.04	29.67 0.10 0.00	30.58 0.16 0.00	28.12 0.26 0.00	29.34 0.14 0.00	29.23 0.16 0.00	31.18 0.06 0.00	30.91 -0.21 0.00	28.44 -0.28 0.00	32.52 -0.52 0.12	42.78 -0.92 0.73	49.81 -1.03 0.44	49.21 -1.00 0.72	49.63 -0.96 1.14	51.08 -1.20 1.55	47.00 -1.09 1.14	52.62 -1.27 2.25	77.44 -1.69 1.66	81.14 -1.41 0.00	71.72 -1.10 0.00	65.95 -1.43 0.00	67.26 -1.35 0.00	53.07 -1.10 0.95	46.29 -0.89 1.36
BETHPAGE_CC_5 323564	35.57 1.26 -0.05	31.05 1.49 0.00	31.81 1.39 0.00	29.20 1.34 0.00	30.33 1.13 0.00	30.26 1.19 0.00	32.11 0.99 0.00	32.02 0.90 0.00	29.53 0.80 0.00	34.25 0.92 -0.17	46.75 1.28 -1.05	52.85 0.93 -0.64	53.25 1.28 -1.04	54.78 1.48 -1.57	56.63 0.69 -2.12	51.50 0.66 -1.62	59.65 0.46 -3.04	83.13 1.00 -1.36	82.99 1.23 0.79	74.11 1.29 0.00	57.15 0.43 10.66	35.88 0.64 33.37	31.37 0.87 24.61	37.97 0.92 11.50
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.97 0.71 0.00	30.55 0.98 0.00	31.54 1.11 0.00	28.61 0.75 0.00	30.12 0.91 0.00	29.81 0.74 0.00	32.19 1.06 0.00	31.97 0.85 0.00	29.41 0.69 0.00	34.05 0.89 0.00	46.74 2.11 -0.20	54.28 3.00 0.00	53.61 2.68 0.00	54.48 2.75 0.00	57.68 3.85 0.00	52.52 3.29 0.00	60.27 4.13 0.00	86.82 6.04 0.00	89.67 7.12 0.00	78.41 5.58 0.00	71.78 4.41 0.00	72.26 3.66 0.00	58.58 3.47 0.00	51.53 2.99 0.00
BINGHAMTON___COGEN 23790	34.56 0.30 0.00	29.98 0.41 0.00	30.82 0.40 0.00	28.24 0.38 0.00	29.59 0.39 0.00	29.44 0.36 0.00	31.60 0.48 0.00	31.43 0.31 0.00	28.98 0.26 0.00	33.39 0.23 0.00	44.58 0.43 0.27	51.93 0.64 -0.01	51.53 0.60 0.00	52.39 0.65 0.00	54.68 0.86 0.00	49.96 0.73 0.00	57.08 0.94 0.00	83.50 1.73 -0.99	86.18 2.34 -1.28	75.21 1.84 -0.55	68.79 1.42 0.00	69.64 1.04 0.00	56.18 1.06 0.00	49.40 0.85 0.00

BIXINCNT_115KV_LOAD 355685	34.83 0.57 0.00	30.45 0.88 0.00	31.41 0.99 0.00	28.48 0.62 0.00	29.94 0.73 0.00	29.71 0.63 0.00	32.13 1.01 0.00	31.91 0.79 0.00	29.20 0.48 0.00	33.82 0.67 0.00	46.38 1.69 -0.26	53.76 2.48 0.00	53.00 2.07 0.00	53.77 2.04 0.00	56.89 3.06 0.00	51.80 2.57 0.00	59.44 3.29 0.00	85.98 5.20 0.00	88.82 6.26 0.00	77.68 4.86 0.00	71.23 3.85 0.00	71.75 3.15 0.00	58.12 3.01 0.00	51.35 2.81 0.00
BLACK RIVER___HYD 24047	35.80 1.54 0.00	30.72 1.16 0.00	31.78 1.35 0.00	29.26 1.40 0.00	30.65 1.44 0.00	30.98 1.91 0.00	32.97 1.85 0.00	32.82 1.70 0.00	29.94 1.21 0.00	34.83 1.67 0.00	46.88 2.45 0.00	53.66 2.36 -0.02	53.25 2.32 0.00	53.61 1.88 0.00	55.40 1.57 0.00	50.56 1.33 0.00	57.13 0.99 0.00	85.45 2.69 -1.98	89.53 4.45 -2.53	78.45 4.56 -1.06	71.85 4.48 0.00	72.88 4.27 0.00	59.03 3.91 0.00	52.65 4.11 0.00
BLACKRVR_115KV_TB2 79977	35.80 1.54 0.00	30.72 1.16 0.00	31.78 1.35 0.00	29.26 1.40 0.00	30.65 1.44 0.00	30.98 1.91 0.00	32.97 1.85 0.00	32.82 1.70 0.00	29.94 1.21 0.00	34.83 1.67 0.00	46.89 2.45 0.00	53.66 2.36 -0.02	53.25 2.32 0.00	53.61 1.88 0.00	55.40 1.57 0.00	50.56 1.33 0.00	57.12 0.98 0.00	85.45 2.69 -1.98	89.53 4.45 -2.53	78.45 4.57 -1.06	71.85 4.48 0.00	72.87 4.27 0.00	59.03 3.91 0.00	52.65 4.11 0.00
BLDWN_LI_69_KV_BK4 356085	35.85 1.54 -0.05	31.26 1.70 0.00	32.02 1.60 0.00	29.38 1.52 0.00	30.52 1.32 0.00	30.44 1.37 0.00	32.31 1.19 0.00	32.23 1.11 0.00	29.73 1.00 0.00	34.53 1.20 -0.17	47.15 1.67 -1.05	53.47 1.55 -0.64	53.85 1.88 -1.04	55.40 2.02 -1.65	57.26 1.21 -2.23	52.05 1.18 -1.64	60.49 1.11 -3.24	85.20 2.03 -2.39	84.85 2.29 0.00	75.00 2.18 0.00	62.53 1.21 6.05	51.71 1.61 18.50	43.66 1.63 13.08	44.52 1.53 5.55
BLISS_WT_PWR 323608	34.75 0.49 0.00	30.40 0.83 0.00	31.35 0.92 0.00	28.43 0.57 0.00	29.87 0.66 0.00	29.65 0.57 0.00	32.09 0.97 0.00	31.86 0.74 0.00	29.10 0.38 0.00	33.74 0.58 0.00	46.29 1.60 -0.26	53.63 2.35 0.00	52.88 1.95 0.00	53.62 1.89 0.00	56.72 2.89 0.00	51.66 2.43 0.00	59.29 3.15 0.00	85.80 5.02 0.00	88.64 6.08 0.00	77.56 4.74 0.00	71.12 3.74 0.00	71.65 3.04 0.00	58.02 2.90 0.00	51.31 2.76 0.00
BLUESTONE___WT_PWR 323821	35.36 1.10 0.00	30.63 1.07 0.00	31.66 1.23 0.00	28.98 1.12 0.00	30.34 1.13 0.00	30.24 1.17 0.00	32.48 1.36 0.00	32.24 1.12 0.00	29.86 1.13 0.00	34.50 1.34 0.00	46.26 1.99 0.16	53.39 2.10 -0.01	53.23 2.30 0.00	54.06 2.33 0.00	56.03 2.20 0.00	51.62 2.39 0.00	58.25 2.10 0.00	86.06 4.41 -0.86	87.97 4.31 -1.12	77.57 4.27 -0.48	71.70 4.32 0.00	71.11 2.50 0.00	57.34 2.23 0.00	50.95 2.40 0.00
BLUE_CIRC_CHEM_DRP 24182	33.69 -0.54 0.02	29.34 -0.22 0.00	30.25 -0.17 0.00	27.83 -0.03 0.00	29.07 -0.14 0.00	28.96 -0.11 0.00	30.91 -0.21 0.00	30.65 -0.47 0.00	28.17 -0.56 0.00	32.24 -0.84 0.08	42.63 -1.30 0.50	49.43 -1.54 0.31	48.81 -1.62 0.50	49.43 -1.51 0.79	50.95 -1.80 1.07	46.86 -1.59 0.79	52.65 -1.94 1.56	76.86 -2.78 1.15	80.11 -2.45 0.00	70.98 -1.84 0.00	65.38 -2.00 0.00	66.65 -1.95 0.00	52.90 -1.56 0.66	46.29 -1.31 0.95
BOC_GAS_DRP 24189	34.23 -0.01 0.02	29.78 0.21 0.00	30.68 0.26 0.00	28.22 0.37 0.00	29.47 0.26 0.00	29.37 0.29 0.00	31.32 0.20 0.00	31.09 -0.03 0.00	28.61 -0.12 0.00	32.79 -0.28 0.08	43.44 -0.51 0.48	50.43 -0.57 0.29	49.92 -0.53 0.48	50.47 -0.50 0.76	52.11 -0.69 1.03	47.82 -0.66 0.76	53.88 -0.76 1.50	78.67 -1.01 1.10	81.78 -0.78 0.00	72.22 -0.60 0.00	66.45 -0.93 0.00	67.75 -0.85 0.00	53.83 -0.65 0.63	47.14 -0.50 0.91
BOONVILLE_115KV_TB1 79983	35.22 0.96 0.00	30.32 0.76 0.00	31.29 0.87 0.00	28.80 0.94 0.00	30.28 1.08 0.00	30.37 1.30 0.00	32.41 1.29 0.00	32.32 1.20 0.00	29.69 0.97 0.00	34.27 1.11 0.00	46.13 1.70 0.00	53.05 1.76 -0.01	52.68 1.75 0.00	53.26 1.53 0.00	55.34 1.52 0.00	50.57 1.34 0.00	57.48 1.34 0.00	83.98 2.47 -0.73	86.71 3.28 -0.87	75.92 2.79 -0.31	69.89 2.51 0.00	70.98 2.38 0.00	57.21 2.09 0.00	50.65 2.10 0.00
BORALEX_4TH_BRANCH 23824	34.89 0.73 0.10	30.56 1.00 0.00	31.68 1.26 0.00	29.05 1.20 0.00	30.26 1.05 0.00	30.20 1.13 0.00	32.18 1.05 0.00	31.65 0.54 0.00	29.18 0.46 0.00	33.02 0.20 0.34	42.40 0.06 2.09	50.13 0.12 1.27	48.99 0.13 2.07	48.49 0.04 3.28	49.15 -0.24 4.45	45.63 -0.32 3.27	49.54 -0.15 6.45	76.04 0.02 4.76	83.04 0.48 0.00	73.43 0.61 0.00	67.32 -0.05 0.00	68.80 0.20 0.00	52.42 0.03 2.72	44.83 0.20 3.92
BOWLINE___1 23526	35.46 1.15 -0.05	30.78 1.22 0.00	31.58 1.16 0.00	28.95 1.09 0.00	30.14 0.93 0.00	30.03 0.96 0.00	32.00 0.88 0.00	31.85 0.73 0.00	29.44 0.72 0.00	34.02 0.71 -0.16	46.31 0.90 -0.99	52.98 1.10 -0.60	53.20 1.29 -0.98	54.66 1.37 -1.55	57.03 1.11 -2.10	51.74 0.96 -1.55	60.25 1.06 -3.05	84.93 1.90 -2.25	84.56 2.00 0.00	74.35 1.53 0.00	68.17 0.80 0.00	69.44 0.84 0.00	57.24 0.84 -1.29	51.32 0.92 -1.85
BOWLINE___2 23595	35.50 1.19 -0.05	30.82 1.25 0.00	31.62 1.20 0.00	28.98 1.12 0.00	30.17 0.96 0.00	30.06 0.99 0.00	32.03 0.91 0.00	31.88 0.76 0.00	29.49 0.76 0.00	34.07 0.76 -0.16	46.38 0.97 -0.99	53.05 1.16 -0.60	53.28 1.37 -0.98	54.74 1.46 -1.55	57.13 1.21 -2.10	51.82 1.05 -1.55	60.36 1.17 -3.05	85.08 2.05 -2.25	84.64 2.09 0.00	74.36 1.54 0.00	68.17 0.80 0.00	69.45 0.84 0.00	57.25 0.85 -1.29	51.31 0.92 -1.85
BRADY___115KV_TB2 356060	35.28 1.02 0.00	30.13 0.56 0.00	30.85 0.43 0.00	28.11 0.25 0.00	29.66 0.45 0.00	29.54 0.47 0.00	31.69 0.57 0.00	32.14 1.02 0.00	29.64 0.92 0.00	34.37 1.21 0.00	46.09 1.66 0.00	52.84 1.56 0.00	52.17 1.24 0.00	52.98 1.25 0.00	55.30 1.47 0.00	50.42 1.19 0.00	57.93 1.78 0.00	82.75 1.97 0.00	84.23 1.68 0.00	74.83 2.01 0.00	69.86 2.48 0.00	71.23 2.63 0.00	57.14 2.03 0.00	50.06 1.52 0.00
BRANSCOMB___SOLAR 323811	35.52 1.31 0.05	30.94 1.38 0.00	32.12 1.70 0.00	29.45 1.59 0.00	30.72 1.51 0.00	30.57 1.50 0.00	32.64 1.52 0.00	32.24 1.12 0.00	29.67 0.94 0.00	33.81 0.83 0.17	44.18 0.79 1.05	51.57 0.92 0.64	50.63 0.74 1.04	50.82 0.73 1.65	52.27 0.67 2.23	48.26 0.68 1.64	53.69 0.79 3.24	80.15 1.76 2.39	85.27 2.72 0.00	75.53 2.70 0.00	69.49 2.12 0.00	70.84 2.23 0.00	55.35 1.61 1.37	48.02 1.44 1.97
BRDGHMPT_69_KV_BK1 55812	36.50 2.19 -0.05	31.80 2.23 0.00	32.56 2.14 0.00	30.02 2.17 0.00	31.12 1.91 0.00	31.09 2.02 0.00	32.73 1.61 0.00	32.69 1.57 0.00	30.20 1.48 0.00	35.23 1.90 -0.17	48.12 2.64 -1.05	54.24 2.32 -0.64	54.47 2.50 -1.04	55.80 2.65 -1.41	57.29 1.59 -1.88	52.18 1.39 -1.56	60.43 1.67 -2.61	82.26 2.36 0.89	82.41 2.37 2.52	75.21 2.38 0.00	55.96 1.85 13.26	28.82 2.28 42.06	25.37 1.51 31.25	35.20 1.50 14.84

BRENTWOD_69_KV_W. BRTWOOD 56703	35.83 1.52 -0.05	31.26 1.69 0.00	32.04 1.62 0.00	29.44 1.59 0.00	30.57 1.36 0.00	30.53 1.46 0.00	32.33 1.21 0.00	32.23 1.11 0.00	29.65 0.92 0.00	34.47 1.15 -0.17	47.09 1.61 -1.05	53.05 1.13 -0.64	53.35 1.38 -1.04	54.79 1.70 -1.35	56.46 0.85 -1.78	51.56 0.80 -1.53	59.34 0.75 -2.45	80.14 1.12 1.76	80.81 1.44 3.19	74.34 1.52 0.00	54.96 0.59 13.00	28.02 0.84 41.43	25.53 1.11 30.70	35.13 1.10 14.51
BRISTLHL_115KV_TB1 79998	33.88 -0.38 0.00	29.33 -0.24 0.00	30.19 -0.23 0.00	27.64 -0.22 0.00	28.95 -0.25 0.00	28.81 -0.26 0.00	30.86 -0.26 0.00	30.76 -0.36 0.00	28.34 -0.38 0.00	32.73 -0.42 0.00	44.00 -0.43 0.00	50.88 -0.45 -0.04	50.43 -0.49 0.00	51.19 -0.54 0.00	53.36 -0.47 0.00	48.80 -0.43 0.00	55.70 -0.45 0.00	84.87 -0.44 -4.53	88.42 0.02 -5.84	75.46 0.12 -2.52	67.37 0.00 0.00	68.37 -0.24 0.00	54.93 -0.19 0.00	48.36 -0.18 0.00
BROOKHAVEN___DRP 24191	35.43 1.12 -0.05	30.91 1.34 0.00	31.68 1.26 0.00	29.22 1.36 0.00	30.29 1.08 0.00	30.28 1.21 0.00	31.93 0.81 0.00	31.87 0.75 0.00	29.34 0.62 0.00	34.10 0.77 -0.17	46.59 1.11 -1.05	52.50 0.58 -0.64	52.86 0.89 -1.04	54.37 1.22 -1.42	55.99 0.28 -1.88	51.09 0.31 -1.56	58.98 0.21 -2.63	80.16 0.20 0.83	80.52 0.44 2.47	73.48 0.65 0.00	54.06 -0.05 13.27	26.96 0.43 42.07	24.45 0.59 31.26	34.27 0.58 14.85
BROOKLYN_NAVY_YARD 23515	35.94 1.63 -0.05	31.25 1.68 0.00	32.03 1.60 0.00	29.35 1.49 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.25 1.14 0.00	29.89 1.17 0.00	34.54 1.21 -0.17	46.99 1.51 -1.05	53.63 1.72 -0.64	53.80 1.84 -1.04	55.32 1.94 -1.65	57.66 1.61 -2.23	52.28 1.41 -1.64	60.93 1.55 -3.24	85.77 2.60 -2.39	85.34 2.79 0.00	75.12 2.31 0.00	68.90 1.52 0.00	70.20 1.60 0.00	58.11 1.63 -1.37	52.13 1.62 -1.97
BROOKLYN___ARMY_DRP 323595	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
BROOME_2_LFGE 323671	34.56 0.30 0.00	29.98 0.41 0.00	30.83 0.40 0.00	28.24 0.38 0.00	29.59 0.39 0.00	29.44 0.36 0.00	31.61 0.49 0.00	31.43 0.31 0.00	28.98 0.26 0.00	33.39 0.23 0.00	44.58 0.43 0.27	51.93 0.63 -0.01	51.53 0.60 0.00	52.39 0.65 0.00	54.68 0.86 0.00	49.95 0.72 0.00	57.09 0.94 0.00	83.51 1.74 -0.99	86.18 2.34 -1.28	75.21 1.84 -0.55	68.79 1.41 0.00	69.64 1.03 0.00	56.18 1.06 0.00	49.40 0.85 0.00
BROOME___LFGE 323600	34.56 0.30 0.00	29.98 0.41 0.00	30.83 0.40 0.00	28.24 0.38 0.00	29.59 0.39 0.00	29.44 0.36 0.00	31.61 0.49 0.00	31.43 0.31 0.00	28.98 0.26 0.00	33.39 0.23 0.00	44.58 0.43 0.27	51.93 0.63 -0.01	51.53 0.60 0.00	52.39 0.65 0.00	54.68 0.86 0.00	49.95 0.72 0.00	57.09 0.94 0.00	83.51 1.74 -0.99	86.18 2.34 -1.28	75.21 1.84 -0.55	68.79 1.41 0.00	69.64 1.03 0.00	56.18 1.06 0.00	49.40 0.85 0.00
BROWNFLS_115KV_TB 3_5 80003	35.06 0.80 0.00	29.98 0.42 0.00	30.89 0.47 0.00	28.34 0.48 0.00	29.80 0.60 0.00	29.91 0.84 0.00	31.96 0.84 0.00	32.11 0.99 0.00	29.52 0.80 0.00	34.21 1.06 0.00	45.97 1.54 0.00	52.73 1.44 -0.01	52.23 1.31 0.00	52.86 1.13 0.00	54.93 1.10 0.00	50.14 0.91 0.00	56.98 0.84 0.00	83.16 1.54 -0.84	85.66 2.05 -1.06	75.40 2.15 -0.43	69.66 2.29 0.00	70.90 2.29 0.00	57.20 2.08 0.00	50.64 2.10 0.00
BROWNSV1_27_KV_LOAD 356125	36.39 2.08 -0.05	31.64 2.07 0.00	32.41 1.99 0.00	29.70 1.84 0.00	30.90 1.70 0.00	30.79 1.72 0.00	32.77 1.65 0.00	32.64 1.52 0.00	30.25 1.52 0.00	34.97 1.65 -0.17	47.63 2.15 -1.05	54.40 2.48 -0.64	54.58 2.61 -1.04	56.07 2.69 -1.65	58.51 2.45 -2.23	53.06 2.19 -1.64	61.87 2.48 -3.24	87.13 3.96 -2.39	86.77 4.21 0.00	76.39 3.57 0.00	70.04 2.66 0.00	71.35 2.74 0.00	59.00 2.52 -1.37	52.90 2.39 -1.97
BURROWS___LYONSDAL 23803	35.18 0.92 0.00	30.24 0.68 0.00	31.24 0.81 0.00	28.78 0.92 0.00	30.24 1.03 0.00	30.39 1.32 0.00	32.41 1.29 0.00	32.31 1.19 0.00	29.64 0.91 0.00	34.23 1.08 0.00	46.07 1.64 0.00	52.92 1.63 -0.01	52.57 1.64 0.00	53.14 1.41 0.00	55.18 1.36 0.00	50.40 1.17 0.00	57.22 1.08 0.00	83.77 2.16 -0.83	86.59 3.03 -1.00	75.85 2.66 -0.37	69.79 2.42 0.00	70.89 2.28 0.00	57.25 2.14 0.00	50.83 2.29 0.00
CAITHNESS_CC_1 323624	35.40 1.09 -0.05	30.89 1.33 0.00	31.66 1.24 0.00	29.18 1.32 0.00	30.26 1.05 0.00	30.25 1.18 0.00	31.92 0.80 0.00	31.85 0.73 0.00	29.32 0.59 0.00	34.07 0.74 -0.17	46.54 1.06 -1.05	52.43 0.51 -0.64	52.78 0.81 -1.04	54.28 1.13 -1.42	55.93 0.22 -1.89	51.04 0.25 -1.56	58.89 0.11 -2.64	80.06 0.05 0.77	80.42 0.30 2.43	73.35 0.53 0.00	53.92 -0.18 13.28	26.77 0.24 42.08	24.33 0.48 31.27	34.20 0.51 14.86
CALPINE BETH_PAGE_GT4 24209	35.53 1.21 -0.05	31.06 1.50 0.00	31.82 1.40 0.00	29.20 1.35 0.00	30.34 1.13 0.00	30.27 1.20 0.00	32.12 1.00 0.00	32.04 0.92 0.00	29.54 0.81 0.00	34.21 0.88 -0.17	46.69 1.21 -1.05	52.83 0.91 -0.64	53.24 1.27 -1.04	54.81 1.43 -1.65	56.74 0.68 -2.23	51.52 0.65 -1.64	59.89 0.51 -3.24	84.22 1.05 -2.39	83.86 1.31 0.00	74.18 1.36 0.00	58.31 0.43 9.50	39.81 0.67 29.47	34.36 0.89 21.64	39.45 0.91 10.01
CALPINE_BETH_PAGE_GT_4 323586	35.53 1.21 -0.05	31.06 1.49 0.00	31.82 1.40 0.00	29.20 1.35 0.00	30.34 1.13 0.00	30.27 1.20 0.00	32.12 1.00 0.00	32.04 0.92 0.00	29.54 0.81 0.00	34.21 0.88 -0.17	46.70 1.23 -1.05	52.84 0.92 -0.64	53.24 1.27 -1.04	54.82 1.45 -1.65	56.74 0.69 -2.23	51.53 0.66 -1.64	59.88 0.50 -3.24	84.22 1.05 -2.39	83.86 1.31 0.00	74.18 1.36 0.00	58.32 0.44 9.50	39.78 0.65 29.47	34.32 0.84 21.64	39.42 0.89 10.01
CALPINE_BP_GT1 23823	35.53 1.21 -0.05	31.06 1.49 0.00	31.82 1.40 0.00	29.20 1.35 0.00	30.34 1.13 0.00	30.27 1.20 0.00	32.12 1.00 0.00	32.04 0.92 0.00	29.54 0.81 0.00	34.21 0.88 -0.17	46.70 1.23 -1.05	52.84 0.92 -0.64	53.24 1.27 -1.04	54.82 1.45 -1.65	56.74 0.69 -2.23	51.53 0.66 -1.64	59.88 0.50 -3.24	84.22 1.05 -2.39	83.86 1.31 0.00	74.18 1.36 0.00	58.32 0.44 9.50	39.78 0.65 29.47	34.32 0.84 21.64	39.42 0.89 10.01
CALSPAN___DRP 24200	34.91 0.64 0.00	30.49 0.93 0.00	31.49 1.07 0.00	28.57 0.71 0.00	30.08 0.88 0.00	29.78 0.70 0.00	32.15 1.03 0.00	31.93 0.81 0.00	29.37 0.64 0.00	34.00 0.84 -0.19	46.66 2.04 0.00	54.20 2.92 0.00	53.50 2.57 0.00	54.36 2.62 0.00	57.54 3.72 0.00	52.40 3.17 0.00	60.10 3.95 0.00	86.56 5.78 0.00	89.42 6.86 0.00	78.19 5.36 0.00	71.60 4.23 0.00	72.08 3.48 0.00	58.47 3.35 0.00	51.44 2.89 0.00

CALVERTON___SOLAR 323806	35.52 1.21 -0.05	30.98 1.42 0.00	31.75 1.33 0.00	29.30 1.44 0.00	30.37 1.16 0.00	30.37 1.30 0.00	31.99 0.87 0.00	31.94 0.82 0.00	29.42 0.69 0.00	34.21 0.89 -0.17	46.75 1.27 -1.05	52.68 0.77 -0.64	53.02 1.06 -1.04	54.54 1.39 -1.42	56.15 0.44 -1.88	51.22 0.43 -1.56	59.17 0.41 -2.62	80.41 0.47 0.85	80.77 0.71 2.49	73.70 0.88 0.00	54.28 0.17 13.27	27.13 0.59 42.07	24.52 0.67 31.26	34.36 0.66 14.85
CANDIGU_WT_PWR 323617	34.35 0.08 0.00	29.91 0.35 0.00	30.77 0.35 0.00	27.97 0.11 0.00	29.39 0.18 0.00	29.06 -0.01 0.00	31.42 0.30 0.00	31.23 0.11 0.00	28.68 -0.05 0.00	32.92 -0.24 0.00	41.09 0.05 3.39	51.65 0.37 0.00	50.97 0.04 0.00	51.72 -0.01 0.00	54.17 0.34 0.00	49.34 0.11 0.00	56.66 0.52 0.00	82.65 1.29 -0.58	85.90 2.60 -0.74	75.53 2.39 -0.32	69.49 2.11 0.00	70.09 1.49 0.00	56.57 1.46 0.00	49.70 1.16 0.00
CARR STREET_E_SYR 24060	33.96 -0.30 0.00	29.40 -0.17 0.00	30.26 -0.16 0.00	27.70 -0.16 0.00	29.02 -0.19 0.00	28.87 -0.21 0.00	30.93 -0.19 0.00	30.82 -0.30 0.00	28.40 -0.33 0.00	32.78 -0.38 0.00	44.08 -0.35 0.00	50.95 -0.34 -0.01	50.63 -0.30 0.00	51.46 -0.27 0.00	53.63 -0.20 0.00	49.05 -0.18 0.00	56.05 -0.10 0.00	82.20 0.04 -1.38	84.85 0.52 -1.77	74.06 0.48 -0.76	67.62 0.24 0.00	68.59 -0.02 0.00	55.11 0.00 0.00	48.47 -0.07 0.00
CARTHAGE___PAPER 23857	35.73 1.47 0.00	30.61 1.05 0.00	31.65 1.22 0.00	29.14 1.28 0.00	30.57 1.36 0.00	30.87 1.80 0.00	32.87 1.75 0.00	32.80 1.68 0.00	29.93 1.21 0.00	34.79 1.63 0.00	46.80 2.36 0.00	53.59 2.30 -0.02	53.07 2.15 0.00	53.53 1.80 0.00	55.33 1.50 0.00	50.55 1.32 0.00	57.18 1.03 0.00	85.00 2.53 -1.69	88.74 4.04 -2.15	77.84 4.12 -0.90	71.46 4.08 0.00	72.56 3.96 0.00	58.74 3.62 0.00	52.34 3.79 0.00
CASSADAGA_WT_PWR 323784	34.76 0.50 0.00	30.32 0.75 0.00	31.41 0.99 0.00	28.27 0.41 0.00	29.72 0.52 0.00	29.78 0.70 0.00	32.42 1.30 0.00	32.28 1.16 0.00	29.63 0.91 0.00	34.04 0.88 0.00	46.69 1.99 -0.27	54.42 3.14 0.00	53.72 2.79 0.00	54.60 2.87 0.00	57.90 4.08 0.00	52.77 3.55 0.00	60.57 4.43 0.00	87.67 6.88 0.00	90.34 7.78 0.00	78.54 5.72 0.00	72.12 4.74 0.00	72.08 3.48 0.00	58.53 3.42 0.00	51.90 3.36 0.00
CE_DUNWOOD___DRP 24194	35.70 1.38 -0.05	31.02 1.45 0.00	31.82 1.40 0.00	29.17 1.32 0.00	30.37 1.16 0.00	30.26 1.19 0.00	32.23 1.11 0.00	32.08 0.96 0.00	29.68 0.95 0.00	34.31 0.98 -0.17	46.73 1.25 -1.05	53.37 1.45 -0.64	53.57 1.61 -1.04	55.07 1.69 -1.64	57.46 1.41 -2.23	52.10 1.23 -1.64	60.74 1.36 -3.23	85.49 2.33 -2.39	85.07 2.51 0.00	74.90 2.08 0.00	68.68 1.31 0.00	69.95 1.35 0.00	57.77 1.29 -1.37	51.80 1.29 -1.96
CE_MILLWOOD___DRP 24193	35.61 1.30 -0.05	30.94 1.37 0.00	31.75 1.32 0.00	29.10 1.25 0.00	30.29 1.09 0.00	30.19 1.12 0.00	32.16 1.04 0.00	32.00 0.88 0.00	29.61 0.88 0.00	34.20 0.88 -0.17	46.59 1.12 -1.04	53.23 1.32 -0.63	53.44 1.48 -1.03	54.94 1.57 -1.63	57.32 1.28 -2.22	51.99 1.13 -1.63	60.60 1.24 -3.22	85.32 2.17 -2.37	84.90 2.34 0.00	74.72 1.90 0.00	68.52 1.14 0.00	69.80 1.20 0.00	57.63 1.16 -1.36	51.68 1.18 -1.95
CE_NYC2_DRP 24202	35.94 1.63 -0.05	31.31 1.74 0.00	32.00 1.58 0.00	29.36 1.50 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.26 1.14 0.00	29.90 1.18 0.00	34.50 1.17 -0.17	46.89 1.41 -1.05	53.41 1.49 -0.64	53.48 1.52 -1.04	50.95 1.58 2.36	51.48 1.23 3.58	50.19 1.11 0.15	51.44 1.19 5.89	57.26 2.03 25.54	56.49 2.19 28.25	54.30 1.81 20.32	51.45 1.07 16.99	52.79 1.11 16.92	51.82 1.18 4.47	51.85 1.35 -1.97
CE_NYC_DRP 24195	36.00 1.69 -0.05	31.30 1.73 0.00	32.07 1.65 0.00	29.40 1.54 0.00	30.59 1.38 0.00	30.48 1.41 0.00	32.45 1.33 0.00	32.31 1.19 0.00	29.94 1.22 0.00	34.61 1.28 -0.17	47.11 1.63 -1.05	53.77 1.85 -0.64	53.94 1.98 -1.04	55.45 2.08 -1.65	57.82 1.76 -2.23	52.42 1.55 -1.64	61.09 1.71 -3.24	85.96 2.79 -2.39	85.53 2.98 0.00	75.29 2.47 0.00	69.05 1.68 0.00	70.33 1.72 0.00	58.18 1.70 -1.37	52.18 1.68 -1.97
CHAFFEE___LFGE 323603	35.05 0.79 0.00	30.62 1.06 0.00	31.61 1.19 0.00	28.69 0.83 0.00	30.20 0.99 0.00	29.88 0.80 0.00	32.27 1.14 0.00	32.06 0.94 0.00	29.50 0.77 0.00	34.15 0.99 0.00	46.89 2.23 -0.23	54.42 3.14 0.00	53.72 2.79 0.00	54.58 2.85 0.00	57.79 3.97 0.00	52.62 3.39 0.00	60.38 4.24 0.00	86.97 6.19 0.00	89.83 7.28 0.00	78.55 5.73 0.00	71.95 4.57 0.00	72.43 3.82 0.00	58.72 3.61 0.00	51.64 3.10 0.00
CHATEAUG_35_KV_LOAD 355732	34.42 0.16 0.00	29.45 -0.12 0.00	30.14 -0.28 0.00	27.55 -0.30 0.00	29.02 -0.18 0.00	28.95 -0.12 0.00	31.17 0.04 0.00	31.60 0.48 0.00	29.36 0.63 0.00	33.96 0.81 0.00	45.32 0.89 0.00	52.03 0.75 0.00	51.49 0.56 0.00	52.23 0.50 0.00	54.47 0.64 0.00	49.85 0.62 0.00	56.83 0.69 0.00	81.53 0.75 0.00	82.89 0.33 0.00	73.32 0.50 0.00	68.09 0.71 0.00	69.38 0.78 0.00	55.50 0.39 0.00	48.68 0.13 0.00
CHATEAUG_WT_PWR 323614	34.40 0.14 0.00	29.44 -0.13 0.00	30.14 -0.28 0.00	27.57 -0.29 0.00	29.03 -0.18 0.00	28.96 -0.12 0.00	31.15 0.03 0.00	31.55 0.43 0.00	29.29 0.56 0.00	33.89 0.74 0.00	45.25 0.82 0.00	52.00 0.72 0.00	51.45 0.52 0.00	52.20 0.47 0.00	54.41 0.59 0.00	49.81 0.57 0.00	56.79 0.65 0.00	81.54 0.76 0.00	82.97 0.41 0.00	73.27 0.45 0.00	67.87 0.49 0.00	69.14 0.53 0.00	55.32 0.20 0.00	48.55 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	34.42 0.16 0.00	29.45 -0.12 0.00	30.14 -0.28 0.00	27.55 -0.30 0.00	29.02 -0.18 0.00	28.95 -0.12 0.00	31.17 0.04 0.00	31.60 0.48 0.00	29.36 0.63 0.00	33.96 0.81 0.00	45.32 0.89 0.00	52.03 0.75 0.00	51.49 0.56 0.00	52.23 0.50 0.00	54.47 0.64 0.00	49.85 0.62 0.00	56.83 0.69 0.00	81.53 0.75 0.00	82.89 0.33 0.00	73.32 0.50 0.00	68.09 0.71 0.00	69.38 0.78 0.00	55.50 0.39 0.00	48.68 0.13 0.00
CHAUTAUQUA___LFGE 323629	34.77 0.51 0.00	30.38 0.81 0.00	31.35 0.92 0.00	28.37 0.51 0.00	29.82 0.62 0.00	29.71 0.63 0.00	32.19 1.07 0.00	32.04 0.92 0.00	29.48 0.76 0.00	33.96 0.80 0.00	46.45 1.81 -0.21	54.12 2.84 0.00	53.46 2.52 0.00	54.29 2.56 0.00	57.48 3.65 0.00	52.34 3.11 0.00	60.06 3.91 0.00	86.75 5.97 0.00	89.47 6.91 0.00	77.99 5.17 0.00	71.65 4.27 0.00	71.90 3.30 0.00	58.40 3.28 0.00	51.57 3.03 0.00
CHERRYST_13_KV_LD 356241	36.10 1.79 -0.05	31.38 1.82 0.00	32.16 1.74 0.00	29.48 1.62 0.00	30.68 1.47 0.00	30.58 1.50 0.00	32.55 1.43 0.00	32.41 1.29 0.00	30.04 1.32 0.00	34.72 1.40 -0.17	47.28 1.80 -1.05	53.98 2.06 -0.64	54.15 2.18 -1.04	55.67 2.29 -1.65	58.03 1.97 -2.23	52.63 1.76 -1.64	61.35 1.97 -3.24	86.32 3.15 -2.39	85.89 3.34 0.00	75.61 2.79 0.00	69.34 1.96 0.00	70.61 2.00 0.00	58.40 1.92 -1.37	52.38 1.87 -1.97

CHESTROR_138KV_BK263 355645	35.34 1.04 -0.04	30.68 1.12 0.00	31.49 1.06 0.00	28.87 1.01 0.00	30.08 0.87 0.00	29.98 0.90 0.00	31.95 0.83 0.00	31.80 0.68 0.00	29.38 0.66 0.00	33.95 0.65 -0.14	46.16 0.83 -0.90	52.84 1.01 -0.55	52.99 1.17 -0.89	54.39 1.25 -1.41	56.76 1.03 -1.91	51.54 0.91 -1.41	59.96 1.05 -2.77	84.76 1.94 -2.04	84.69 2.13 0.00	74.52 1.70 0.00	68.41 1.03 0.00	69.65 1.05 0.00	57.25 0.97 -1.17	51.18 0.96 -1.68
CH_MIDHUDSON___DRP 24192	35.46 1.16 -0.04	30.82 1.26 0.00	31.66 1.24 0.00	29.05 1.19 0.00	30.26 1.05 0.00	30.16 1.09 0.00	32.15 1.03 0.00	31.95 0.83 0.00	29.52 0.79 0.00	34.06 0.78 -0.12	46.18 0.99 -0.76	52.93 1.19 -0.46	53.03 1.35 -0.76	54.37 1.44 -1.20	56.63 1.18 -1.63	51.48 1.06 -1.20	59.77 1.27 -2.36	84.70 2.17 -1.74	85.03 2.47 0.00	74.89 2.07 0.00	68.72 1.35 0.00	69.97 1.37 0.00	57.32 1.20 -1.00	51.11 1.13 -1.43
CH_MISC_IPPS 23765	35.78 1.47 -0.04	31.06 1.50 0.00	31.89 1.47 0.00	29.24 1.38 0.00	30.46 1.25 0.00	30.35 1.28 0.00	32.35 1.23 0.00	32.18 1.06 0.00	29.75 1.02 0.00	34.36 1.07 -0.14	46.66 1.40 -0.84	53.47 1.68 -0.51	53.62 1.87 -0.83	55.03 1.99 -1.31	57.36 1.75 -1.78	52.12 1.59 -1.31	60.67 1.95 -2.58	85.91 3.22 -1.90	86.10 3.55 0.00	75.79 2.97 0.00	69.53 2.15 0.00	70.78 2.17 0.00	58.02 1.82 -1.09	51.75 1.65 -1.57
CH_RES_BVR_FALLS 23983	34.00 -0.26 0.00	29.24 -0.33 0.00	30.15 -0.27 0.00	27.64 -0.22 0.00	29.03 -0.18 0.00	28.93 -0.14 0.00	30.97 -0.15 0.00	31.03 -0.08 0.00	28.66 -0.06 0.00	33.11 -0.05 0.00	44.36 -0.07 0.00	51.14 -0.15 0.00	50.78 -0.15 0.00	51.60 -0.14 0.00	53.74 -0.09 0.00	49.14 -0.09 0.00	56.00 -0.14 0.00	80.45 -0.33 0.00	82.04 -0.52 0.00	72.34 -0.48 0.00	66.97 -0.40 0.00	68.19 -0.41 0.00	54.82 -0.29 0.00	48.39 -0.15 0.00
CH_RES_NIAGARA 23895	34.11 -0.15 0.00	29.98 0.42 0.00	30.98 0.55 0.00	28.16 0.30 0.00	29.69 0.48 0.00	29.33 0.26 0.00	31.55 0.42 0.00	31.31 0.19 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.88 1.27 -0.19	53.24 1.96 0.00	52.57 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.45 2.22 0.00	58.94 2.80 0.00	84.58 3.80 0.00	87.18 4.63 0.00	76.27 3.45 0.00	69.74 2.36 0.00	70.35 1.74 0.00	57.09 1.98 0.00	50.27 1.73 0.00
CH_RES_SYRACUSE 23985	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.14 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.16 -0.15 -0.02	50.79 -0.14 0.00	51.70 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.66 0.38 -2.49	86.66 0.89 -3.21	75.05 0.85 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.41 0.30 0.00	48.74 0.20 0.00
CLINTON_WT_PWR 323605	34.40 0.14 0.00	29.44 -0.13 0.00	30.14 -0.28 0.00	27.57 -0.29 0.00	29.03 -0.18 0.00	28.96 -0.12 0.00	31.15 0.03 0.00	31.55 0.43 0.00	29.29 0.56 0.00	33.89 0.74 0.00	45.25 0.82 0.00	52.00 0.72 0.00	51.45 0.52 0.00	52.20 0.47 0.00	54.41 0.59 0.00	49.81 0.57 0.00	56.79 0.65 0.00	81.54 0.76 0.00	82.97 0.41 0.00	73.27 0.45 0.00	67.87 0.49 0.00	69.14 0.53 0.00	55.32 0.20 0.00	48.55 0.00 0.00
CLINTON___LFGE 323618	34.96 0.70 0.00	29.93 0.37 0.00	30.61 0.19 0.00	27.98 0.12 0.00	29.42 0.21 0.00	29.36 0.29 0.00	31.58 0.46 0.00	32.02 0.90 0.00	29.72 0.99 0.00	34.38 1.22 0.00	45.80 1.37 0.00	52.55 1.27 0.00	51.92 0.99 0.00	52.55 0.82 0.00	54.76 0.94 0.00	50.14 0.90 0.00	57.25 1.10 0.00	82.30 1.52 0.00	83.95 1.40 0.00	74.35 1.52 0.00	68.83 1.45 0.00	70.03 1.43 0.00	55.95 0.84 0.00	49.07 0.53 0.00
COBBLENY_34_KV_TB1 80064	35.05 0.79 0.00	30.61 1.05 0.00	31.61 1.19 0.00	28.68 0.82 0.00	30.20 0.99 0.00	29.88 0.81 0.00	32.26 1.14 0.00	32.06 0.94 0.00	29.50 0.77 0.00	34.15 1.00 0.00	46.89 2.23 -0.23	54.42 3.14 0.00	53.71 2.79 0.00	54.58 2.85 0.00	57.80 3.97 0.00	52.62 3.39 0.00	60.38 4.23 0.00	86.97 6.19 0.00	89.84 7.29 0.00	78.55 5.73 0.00	71.96 4.58 0.00	72.44 3.84 0.00	58.73 3.61 0.00	51.64 3.10 0.00
COFFEEN___115KV_TB3 355620	36.18 1.92 0.00	31.06 1.49 0.00	32.10 1.68 0.00	29.54 1.68 0.00	30.94 1.74 0.00	31.26 2.18 0.00	33.27 2.15 0.00	33.15 2.04 0.00	30.24 1.51 0.00	35.20 2.05 0.00	47.38 2.95 0.00	54.22 2.92 -0.02	53.69 2.76 0.00	54.00 2.27 0.00	55.77 1.94 0.00	50.85 1.62 0.00	57.48 1.34 0.00	86.20 3.39 -2.03	90.48 5.33 -2.59	79.42 5.51 -1.09	72.82 5.45 0.00	73.82 5.21 0.00	59.73 4.62 0.00	53.17 4.63 0.00
COLDSPRG_115KV_BK1 355956	35.29 1.03 0.00	30.76 1.19 0.00	31.75 1.33 0.00	28.70 0.84 0.00	30.18 0.98 0.00	30.07 0.99 0.00	32.57 1.45 0.00	32.45 1.33 0.00	29.89 1.16 0.00	34.34 1.18 0.00	47.04 2.26 -0.35	54.65 3.36 0.00	53.87 2.94 0.00	54.75 3.02 0.00	57.99 4.16 0.00	52.74 3.51 0.00	60.54 4.40 0.00	87.60 6.81 0.00	90.37 7.82 0.00	78.78 5.96 0.00	72.29 4.91 0.00	72.53 3.93 0.00	58.90 3.79 0.00	51.95 3.40 0.00
COLONIE_LFGE___ 323577	34.86 0.66 0.06	30.40 0.84 0.00	31.44 1.02 0.00	28.85 0.99 0.00	30.09 0.88 0.00	30.00 0.92 0.00	31.98 0.86 0.00	31.62 0.50 0.00	29.12 0.40 0.00	33.18 0.23 0.20	43.31 0.11 1.24	50.70 0.17 0.75	49.87 0.17 1.23	49.94 0.14 1.94	51.18 -0.02 2.63	47.24 -0.06 1.93	52.36 0.03 3.82	78.29 0.32 2.82	83.41 0.85 0.00	73.76 0.94 0.00	67.76 0.38 0.00	69.14 0.53 0.00	53.82 0.32 1.61	46.59 0.37 2.32
COOPERNY_115KV_TB1 80082	35.07 0.78 -0.03	30.40 0.84 0.00	31.22 0.80 0.00	28.64 0.78 0.00	29.88 0.67 0.00	29.76 0.69 0.00	31.77 0.65 0.00	31.63 0.51 0.00	29.21 0.48 0.00	33.72 0.47 -0.10	45.66 0.61 -0.62	52.41 0.76 -0.38	52.43 0.89 -0.61	53.64 0.93 -0.97	55.93 0.78 -1.32	50.91 0.71 -0.97	58.88 0.82 -1.91	83.68 1.49 -1.41	84.26 1.71 0.00	74.17 1.35 0.00	68.18 0.81 0.00	69.39 0.78 0.00	56.66 0.74 -0.81	50.41 0.71 -1.16
COPENHAGEN_WT_PWR 323753	35.31 1.05 0.00	30.29 0.72 0.00	31.37 0.94 0.00	28.92 1.06 0.00	30.27 1.06 0.00	30.69 1.61 0.00	32.60 1.48 0.00	32.37 1.25 0.00	29.49 0.76 0.00	34.32 1.16 0.00	46.20 1.77 0.00	52.91 1.61 -0.02	52.70 1.77 0.00	53.08 1.35 0.00	54.87 1.04 0.00	50.09 0.86 0.00	56.49 0.35 0.00	84.56 1.66 -2.12	88.50 3.23 -2.71	77.31 3.35 -1.15	70.64 3.27 0.00	71.66 3.06 0.00	58.20 3.08 0.00	52.13 3.59 0.00
CORNELL_____ 23752	35.13 0.87 0.00	30.42 0.85 0.00	31.28 0.86 0.00	28.64 0.78 0.00	29.99 0.79 0.00	29.83 0.76 0.00	32.02 0.90 0.00	31.91 0.79 0.00	29.36 0.64 0.00	33.88 0.72 0.00	45.52 1.09 0.00	52.45 1.15 -0.01	51.89 0.96 0.00	52.68 0.95 0.00	55.11 1.29 0.00	50.32 1.09 0.00	57.38 1.24 0.00	84.58 2.44 -1.37	87.73 3.42 -1.76	76.98 3.40 -0.76	70.47 3.09 0.00	71.32 2.72 0.00	57.29 2.17 0.00	50.30 1.75 0.00

CORONA__69_KV_TB1 355595	35.94 1.63 -0.05	31.30 1.73 0.00	32.07 1.65 0.00	29.43 1.57 0.00	30.58 1.38 0.00	30.49 1.42 0.00	32.39 1.27 0.00	32.29 1.17 0.00	29.79 1.07 0.00	34.59 1.26 -0.17	47.22 1.74 -1.05	53.65 1.73 -0.64	53.97 2.00 -1.04	55.49 2.11 -1.65	57.59 1.54 -2.23	52.33 1.46 -1.64	60.90 1.52 -3.24	85.70 2.53 -2.39	85.34 2.78 0.00	75.36 2.54 0.00	68.69 1.56 0.25	70.37 1.77 0.00	58.20 1.72 -1.37	52.19 1.69 -1.97
CORTLAND__115KV_TB3 80093	34.74 0.48 0.00	30.08 0.51 0.00	30.94 0.52 0.00	28.35 0.49 0.00	29.69 0.48 0.00	29.55 0.47 0.00	31.69 0.57 0.00	31.55 0.44 0.00	29.08 0.35 0.00	33.50 0.35 0.00	45.05 0.61 0.00	52.03 0.74 -0.01	51.56 0.63 0.00	52.34 0.61 0.00	54.74 0.91 0.00	49.91 0.68 0.00	57.03 0.89 0.00	83.86 1.64 -1.43	86.71 2.31 -1.84	75.76 2.15 -0.79	69.25 1.88 0.00	70.20 1.59 0.00	56.43 1.32 0.00	49.61 1.07 0.00
COXSACKIE__GT 23611	35.59 1.35 0.02	30.99 1.43 0.00	31.93 1.50 0.00	29.33 1.48 0.00	30.62 1.42 0.00	30.48 1.40 0.00	32.54 1.42 0.00	32.32 1.20 0.00	29.75 1.02 0.00	34.12 1.02 0.06	45.16 1.07 0.35	52.37 1.31 0.21	51.54 0.95 0.34	52.69 1.51 0.55	54.04 0.95 0.74	49.95 1.26 0.54	55.89 0.81 1.07	82.05 2.06 0.79	85.38 2.83 0.00	75.85 3.03 0.00	69.98 2.61 0.00	71.26 2.66 0.00	56.60 1.94 0.45	49.42 1.52 0.65
CPV_VALLEY__CC1 323721	35.07 0.77 -0.04	30.44 0.87 0.00	31.26 0.84 0.00	28.67 0.81 0.00	29.87 0.67 0.00	29.77 0.70 0.00	31.74 0.62 0.00	31.59 0.47 0.00	29.19 0.46 0.00	33.71 0.43 -0.13	45.73 0.50 -0.80	52.40 0.63 -0.49	52.51 0.79 -0.79	53.83 0.85 -1.25	56.17 0.64 -1.70	51.02 0.54 -1.25	59.21 0.60 -2.47	83.82 1.22 -1.82	83.94 1.39 0.00	73.88 1.06 0.00	67.85 0.47 0.00	69.10 0.49 0.00	56.68 0.52 -1.04	50.62 0.57 -1.50
CPV_VALLEY__CC2 323722	35.07 0.77 -0.04	30.44 0.87 0.00	31.26 0.84 0.00	28.67 0.81 0.00	29.87 0.67 0.00	29.77 0.70 0.00	31.74 0.62 0.00	31.59 0.47 0.00	29.19 0.46 0.00	33.71 0.43 -0.13	45.73 0.50 -0.80	52.40 0.63 -0.49	52.51 0.79 -0.79	53.83 0.85 -1.25	56.17 0.64 -1.70	51.02 0.54 -1.25	59.21 0.60 -2.47	83.82 1.22 -1.82	83.94 1.39 0.00	73.88 1.06 0.00	67.85 0.47 0.00	69.10 0.49 0.00	56.68 0.52 -1.04	50.62 0.57 -1.50
CRESCENT__HYD 24018	34.86 0.66 0.06	30.40 0.84 0.00	31.44 1.02 0.00	28.85 0.99 0.00	30.09 0.88 0.00	30.00 0.92 0.00	31.98 0.86 0.00	31.62 0.50 0.00	29.12 0.40 0.00	33.18 0.23 0.20	43.31 0.11 1.24	50.70 0.17 0.75	49.87 0.17 1.23	49.94 0.14 1.94	51.18 -0.02 2.63	47.24 -0.06 1.93	52.36 0.03 3.82	78.29 0.32 2.82	83.41 0.85 0.00	73.76 0.94 0.00	67.76 0.38 0.00	69.14 0.53 0.00	53.82 0.32 1.61	46.59 0.37 2.32
CRICKET__VALLEY_CC1 323756	34.17 0.54 0.63	30.35 0.78 0.00	31.24 0.81 0.00	28.65 0.79 0.00	29.82 0.62 0.00	29.76 0.69 0.00	31.72 0.60 0.00	31.43 0.31 0.00	29.02 0.29 0.00	31.16 0.14 2.14	31.39 0.09 13.13	43.43 0.13 7.98	38.17 0.26 13.01	31.43 0.32 20.63	25.89 0.00 27.94	28.61 -0.05 20.57	15.48 -0.08 40.59	51.05 0.22 29.95	83.03 0.47 0.00	73.20 0.38 0.00	67.14 -0.23 0.00	68.46 -0.15 0.00	37.93 -0.05 17.13	24.00 0.08 24.63
CRICKET__VALLEY_CC2 323757	34.17 0.54 0.63	30.35 0.78 0.00	31.24 0.81 0.00	28.65 0.79 0.00	29.82 0.62 0.00	29.76 0.69 0.00	31.72 0.60 0.00	31.43 0.31 0.00	29.02 0.29 0.00	31.16 0.14 2.14	31.39 0.09 13.13	43.43 0.13 7.98	38.17 0.26 13.01	31.43 0.32 20.63	25.89 0.00 27.94	28.61 -0.05 20.57	15.48 -0.08 40.59	51.05 0.22 29.95	83.03 0.47 0.00	73.20 0.38 0.00	67.14 -0.23 0.00	68.46 -0.15 0.00	37.93 -0.05 17.13	24.00 0.08 24.63
CRICKET__VALLEY_CC3 323758	34.17 0.54 0.63	30.35 0.78 0.00	31.24 0.81 0.00	28.65 0.79 0.00	29.82 0.62 0.00	29.76 0.69 0.00	31.72 0.60 0.00	31.43 0.31 0.00	29.02 0.29 0.00	31.16 0.14 2.14	31.39 0.09 13.13	43.43 0.13 7.98	38.17 0.26 13.01	31.43 0.32 20.63	25.89 0.00 27.94	28.61 -0.05 20.57	15.48 -0.08 40.59	51.05 0.22 29.95	83.03 0.47 0.00	73.20 0.38 0.00	67.14 -0.23 0.00	68.46 -0.15 0.00	37.93 -0.05 17.13	24.00 0.08 24.63
CRUCIBLE__METL_DRP 24180	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.13 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.15 -0.15 -0.02	50.79 -0.14 0.00	51.71 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.65 0.38 -2.49	86.66 0.89 -3.21	75.05 0.84 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.40 0.29 0.00	48.74 0.20 0.00
DAHOWA__HYDRO 323763	35.73 1.52 0.05	31.13 1.56 0.00	32.36 1.94 0.00	29.66 1.80 0.00	30.93 1.73 0.00	30.77 1.69 0.00	32.86 1.75 0.00	32.43 1.32 0.00	29.84 1.11 0.00	33.99 1.00 0.16	44.43 1.00 1.01	51.84 1.17 0.61	50.90 0.97 1.00	51.09 0.94 1.58	52.60 0.91 2.14	48.51 0.86 1.58	54.07 1.04 3.11	80.65 2.16 2.30	85.91 3.36 0.00	76.08 3.26 0.00	70.02 2.65 0.00	71.32 2.72 0.00	55.76 1.96 1.31	48.39 1.73 1.89
DANC__LFGE 323619	34.79 0.53 0.00	29.95 0.39 0.00	30.94 0.52 0.00	28.45 0.60 0.00	29.79 0.58 0.00	29.99 0.92 0.00	31.96 0.84 0.00	31.80 0.68 0.00	29.09 0.36 0.00	33.75 0.59 0.00	45.42 0.99 0.00	52.19 0.88 -0.02	51.89 0.96 0.00	52.38 0.65 0.00	54.24 0.42 0.00	49.57 0.33 0.00	56.12 -0.03 0.00	84.18 0.78 -2.62	87.82 1.90 -3.36	76.32 2.06 -1.44	69.40 2.03 0.00	70.47 1.87 0.00	56.98 1.87 0.00	50.72 2.17 0.00
DANSKAMMER__1 23586	35.78 1.47 -0.04	31.06 1.50 0.00	31.89 1.47 0.00	29.24 1.38 0.00	30.46 1.25 0.00	30.35 1.28 0.00	32.35 1.23 0.00	32.18 1.06 0.00	29.75 1.02 0.00	34.36 1.07 -0.14	46.66 1.40 -0.84	53.47 1.68 -0.51	53.62 1.87 -0.83	55.03 1.99 -1.31	57.36 1.75 -1.78	52.12 1.59 -1.31	60.67 1.95 -2.58	85.91 3.22 -1.90	86.10 3.55 0.00	75.79 2.97 0.00	69.53 2.15 0.00	70.78 2.17 0.00	58.02 1.82 -1.09	51.75 1.65 -1.57
DANSKAMMER__2 23589	35.78 1.47 -0.04	31.06 1.50 0.00	31.89 1.47 0.00	29.24 1.38 0.00	30.46 1.25 0.00	30.35 1.28 0.00	32.35 1.23 0.00	32.18 1.06 0.00	29.75 1.02 0.00	34.36 1.07 -0.14	46.66 1.40 -0.84	53.47 1.68 -0.51	53.62 1.87 -0.83	55.03 1.99 -1.31	57.36 1.75 -1.78	52.12 1.59 -1.31	60.67 1.95 -2.58	85.91 3.22 -1.90	86.10 3.55 0.00	75.79 2.97 0.00	69.53 2.15 0.00	70.78 2.17 0.00	58.02 1.82 -1.09	51.75 1.65 -1.57
DANSKAMMER__3 23590	35.78 1.47 -0.04	31.06 1.50 0.00	31.89 1.47 0.00	29.24 1.38 0.00	30.46 1.25 0.00	30.35 1.28 0.00	32.35 1.23 0.00	32.18 1.06 0.00	29.75 1.02 0.00	34.36 1.07 -0.14	46.66 1.40 -0.84	53.47 1.68 -0.51	53.62 1.87 -0.83	55.03 1.99 -1.31	57.36 1.75 -1.78	52.12 1.59 -1.31	60.67 1.95 -2.58	85.91 3.22 -1.90	86.10 3.55 0.00	75.79 2.97 0.00	69.53 2.15 0.00	70.78 2.17 0.00	58.02 1.82 -1.09	51.75 1.65 -1.57

DANSKAMMER___4 23591	35.78 1.47 -0.04	31.06 1.50 0.00	31.89 1.47 0.00	29.24 1.38 0.00	30.46 1.25 0.00	30.35 1.28 0.00	32.35 1.23 0.00	32.18 1.06 0.00	29.75 1.02 0.00	34.36 1.07 -0.14	46.66 1.40 -0.84	53.47 1.68 -0.51	53.62 1.87 -0.83	55.03 1.99 -1.31	57.36 1.75 -1.78	52.12 1.59 -1.31	60.67 1.95 -2.58	85.91 3.22 -1.90	86.10 3.55 0.00	75.79 2.97 0.00	69.53 2.15 0.00	70.78 2.17 0.00	58.02 1.82 -1.09	51.75 1.65 -1.57
DANSKAMMER___DIESEL 23592	35.78 1.48 -0.04	31.07 1.50 0.00	31.89 1.47 0.00	29.24 1.38 0.00	30.46 1.25 0.00	30.35 1.28 0.00	32.35 1.23 0.00	32.18 1.06 0.00	29.75 1.02 0.00	34.36 1.07 -0.14	46.66 1.39 -0.84	53.47 1.68 -0.51	53.62 1.86 -0.83	55.04 1.99 -1.31	57.36 1.76 -1.78	52.12 1.59 -1.31	60.67 1.95 -2.58	85.90 3.22 -1.90	86.10 3.54 0.00	75.79 2.97 0.00	69.53 2.16 0.00	70.77 2.16 0.00	58.02 1.82 -1.09	51.75 1.64 -1.57
DARBY___SOLAR 323810	35.53 1.32 0.05	30.96 1.39 0.00	32.15 1.73 0.00	29.48 1.63 0.00	30.74 1.54 0.00	30.60 1.52 0.00	32.67 1.55 0.00	32.26 1.14 0.00	29.68 0.95 0.00	33.82 0.83 0.17	44.18 0.80 1.05	51.58 0.93 0.64	50.64 0.75 1.04	50.82 0.73 1.64	52.28 0.68 2.23	48.24 0.65 1.64	53.70 0.79 3.24	80.17 1.78 2.39	85.34 2.79 0.00	75.58 2.77 0.00	69.56 2.19 0.00	70.89 2.29 0.00	55.39 1.64 1.37	48.05 1.48 1.96
DASHVILLE___HYD 23610	35.44 1.16 -0.02	30.77 1.21 0.00	31.59 1.17 0.00	29.00 1.14 0.00	30.21 1.01 0.00	30.10 1.03 0.00	32.10 0.97 0.00	31.92 0.80 0.00	29.48 0.75 0.00	34.05 0.81 -0.08	46.02 1.08 -0.51	52.86 1.27 -0.31	52.90 1.47 -0.50	54.13 1.61 -0.79	56.24 1.34 -1.08	51.22 1.20 -0.79	59.17 1.46 -1.56	84.28 2.34 -1.15	85.14 2.59 0.00	74.95 2.13 0.00	68.79 1.42 0.00	70.03 1.42 0.00	57.11 1.34 -0.66	50.74 1.24 -0.95
DELAWARE___LFGE 323621	35.05 0.80 0.00	30.38 0.81 0.00	31.24 0.81 0.00	28.73 0.88 0.00	30.05 0.84 0.00	29.91 0.84 0.00	32.01 0.89 0.00	31.88 0.76 0.00	29.34 0.62 0.00	33.82 0.66 0.00	45.26 0.95 0.12	52.43 1.15 0.00	52.15 1.22 0.00	52.95 1.22 0.00	55.01 1.18 0.00	50.37 1.14 0.00	57.42 1.27 0.00	83.31 2.05 -0.48	85.52 2.34 -0.62	75.12 2.03 -0.27	68.96 1.59 0.00	70.05 1.45 0.00	56.36 1.25 0.00	49.67 1.12 0.00
DERFIELD_115KV_TB7 355931	34.27 0.01 0.00	29.64 0.07 0.00	30.52 0.10 0.00	28.00 0.13 0.00	29.31 0.11 0.00	29.19 0.12 0.00	31.21 0.09 0.00	31.13 0.01 0.00	28.69 -0.03 0.00	33.06 -0.10 0.00	44.30 -0.13 0.00	51.13 -0.15 0.00	50.82 -0.11 0.00	51.60 -0.13 0.00	53.67 -0.16 0.00	49.08 -0.15 0.00	55.97 -0.17 0.00	80.61 -0.17 0.00	82.56 0.00 0.00	72.86 0.04 0.00	67.28 -0.10 0.00	68.48 -0.13 0.00	55.06 -0.05 0.00	48.51 -0.03 0.00
DOGLEVILLE___HYD 23807	34.35 0.09 0.00	29.92 0.36 0.00	30.94 0.52 0.00	28.49 0.63 0.00	29.72 0.51 0.00	29.61 0.53 0.00	31.59 0.47 0.00	31.15 0.04 0.00	28.52 -0.20 0.00	32.53 -0.63 0.00	43.15 -1.28 0.00	49.76 -1.52 0.00	49.62 -1.31 0.00	50.02 -1.72 0.00	52.50 -1.33 0.00	47.73 -1.50 0.00	54.25 -1.89 0.00	78.66 -2.12 0.00	81.51 -1.05 0.00	72.95 0.12 0.00	67.53 0.16 0.00	68.54 -0.07 0.00	54.89 -0.22 0.00	48.30 -0.25 0.00
DUNKIRK___115KV_TB_200 55889	34.77 0.51 0.00	30.37 0.80 0.00	31.34 0.91 0.00	28.37 0.51 0.00	29.83 0.62 0.00	29.70 0.62 0.00	32.16 1.03 0.00	31.99 0.87 0.00	29.45 0.72 0.00	33.93 0.78 0.00	46.42 1.78 -0.21	54.07 2.78 0.00	53.40 2.47 0.00	54.24 2.51 0.00	57.42 3.60 0.00	52.28 3.05 0.00	59.98 3.84 0.00	86.62 5.84 0.00	89.37 6.82 0.00	77.91 5.09 0.00	71.57 4.20 0.00	71.85 3.25 0.00	58.35 3.24 0.00	51.49 2.95 0.00
DUNKIRK___1 23563	34.77 0.51 0.00	30.37 0.80 0.00	31.34 0.91 0.00	28.37 0.51 0.00	29.83 0.62 0.00	29.70 0.62 0.00	32.16 1.03 0.00	31.99 0.87 0.00	29.45 0.72 0.00	33.93 0.78 0.00	46.42 1.78 -0.21	54.07 2.78 0.00	53.40 2.47 0.00	54.24 2.51 0.00	57.42 3.60 0.00	52.28 3.05 0.00	59.98 3.84 0.00	86.62 5.84 0.00	89.37 6.82 0.00	77.91 5.09 0.00	71.57 4.20 0.00	71.85 3.25 0.00	58.35 3.24 0.00	51.49 2.95 0.00
DUNKIRK___2 23564	34.77 0.51 0.00	30.37 0.80 0.00	31.34 0.91 0.00	28.37 0.51 0.00	29.83 0.62 0.00	29.70 0.62 0.00	32.16 1.03 0.00	31.99 0.87 0.00	29.45 0.72 0.00	33.93 0.78 0.00	46.42 1.78 -0.21	54.07 2.78 0.00	53.40 2.47 0.00	54.24 2.51 0.00	57.42 3.60 0.00	52.28 3.05 0.00	59.98 3.84 0.00	86.62 5.84 0.00	89.37 6.82 0.00	77.91 5.09 0.00	71.57 4.20 0.00	71.85 3.25 0.00	58.35 3.24 0.00	51.49 2.95 0.00
DUNKIRK___3 23565	34.73 0.47 0.00	30.34 0.77 0.00	31.30 0.88 0.00	28.37 0.51 0.00	29.84 0.63 0.00	29.65 0.57 0.00	32.06 0.94 0.00	31.88 0.76 0.00	29.36 0.63 0.00	33.85 0.70 0.00	46.30 1.69 -0.18	53.88 2.60 0.00	53.21 2.28 0.00	54.05 2.32 0.00	57.20 3.38 0.00	52.07 2.84 0.00	59.74 3.60 0.00	86.22 5.44 0.00	88.96 6.41 0.00	77.61 4.79 0.00	71.23 3.85 0.00	71.60 2.99 0.00	58.14 3.02 0.00	51.26 2.72 0.00
DUNKIRK___4 23566	34.73 0.47 0.00	30.34 0.77 0.00	31.30 0.88 0.00	28.37 0.51 0.00	29.84 0.63 0.00	29.65 0.57 0.00	32.06 0.94 0.00	31.88 0.76 0.00	29.36 0.63 0.00	33.85 0.70 0.00	46.30 1.69 -0.18	53.88 2.60 0.00	53.21 2.28 0.00	54.05 2.32 0.00	57.20 3.38 0.00	52.07 2.84 0.00	59.74 3.60 0.00	86.22 5.44 0.00	88.96 6.41 0.00	77.61 4.79 0.00	71.23 3.85 0.00	71.60 2.99 0.00	58.14 3.02 0.00	51.26 2.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.80 1.49 -0.05	31.13 1.57 0.00	31.93 1.51 0.00	29.27 1.42 0.00	30.46 1.26 0.00	30.36 1.29 0.00	32.33 1.21 0.00	32.18 1.06 0.00	29.78 1.05 0.00	34.42 1.10 -0.17	46.89 1.41 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.22 1.84 -1.65	57.60 1.55 -2.23	52.23 1.36 -1.64	60.88 1.50 -3.24	85.69 2.52 -2.39	85.29 2.73 0.00	75.08 2.26 0.00	68.85 1.47 0.00	70.13 1.52 0.00	57.96 1.48 -1.37	51.97 1.47 -1.97
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.57 1.27 -0.04	30.87 1.30 0.00	31.68 1.26 0.00	29.05 1.19 0.00	30.26 1.05 0.00	30.15 1.08 0.00	32.14 1.02 0.00	31.98 0.86 0.00	29.56 0.83 0.00	34.15 0.85 -0.14	46.37 1.11 -0.83	53.13 1.34 -0.51	53.27 1.52 -0.82	54.66 1.62 -1.31	57.00 1.40 -1.77	51.77 1.24 -1.30	60.18 1.47 -2.57	85.24 2.56 -1.90	85.40 2.84 0.00	75.13 2.31 0.00	68.93 1.56 0.00	70.18 1.57 0.00	57.57 1.37 -1.09	51.40 1.29 -1.56
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.05 1.74 -0.05	31.37 1.80 0.00	32.01 1.58 0.00	29.38 1.53 0.00	30.56 1.36 0.00	30.46 1.38 0.00	32.38 1.26 0.00	32.31 1.19 0.00	29.92 1.20 0.00	34.49 1.17 -0.17	46.92 1.45 -1.05	53.56 1.64 -0.64	53.68 1.71 -1.04	55.18 1.79 -1.65	57.50 1.44 -2.24	52.15 1.27 -1.65	60.75 1.36 -3.25	85.48 2.30 -2.40	85.05 2.49 -0.01	74.89 2.06 -0.01	68.67 1.28 -0.01	69.94 1.33 -0.01	57.84 1.35 -1.37	52.01 1.51 -1.97

E179THST_13_KV_LOAD 356214	36.25 1.94 -0.05	31.55 1.98 0.00	32.19 1.76 0.00	29.54 1.68 0.00	30.73 1.53 0.00	30.62 1.55 0.00	32.55 1.43 0.00	32.48 1.36 0.00	30.09 1.36 0.00	34.69 1.36 -0.17	47.20 1.72 -1.05	53.89 1.97 -0.64	54.03 2.06 -1.04	55.51 2.13 -1.65	57.86 1.80 -2.24	52.49 1.61 -1.65	61.15 1.76 -3.25	86.08 2.90 -2.40	85.65 3.09 -0.01	75.42 2.59 -0.01	69.16 1.78 -0.01	70.45 1.84 -0.01	58.24 1.76 -1.37	52.38 1.88 -1.97
EAST HAMPTON___GT 23717	37.13 2.81 -0.05	32.34 2.78 0.00	33.11 2.68 0.00	30.51 2.65 0.00	31.63 2.42 0.00	31.58 2.50 0.00	33.22 2.10 0.00	33.18 2.06 0.00	30.67 1.95 0.00	35.81 2.48 -0.17	48.91 3.43 -1.05	54.94 3.02 -0.64	54.99 3.03 -1.04	56.03 2.88 -1.41	57.33 1.63 -1.88	52.12 1.33 -1.56	60.47 1.72 -2.61	82.40 2.50 0.89	82.27 2.23 2.52	75.16 2.34 0.00	56.29 2.18 13.26	29.17 2.63 42.06	25.15 1.28 31.25	35.25 1.55 14.84
EAST RIVER___6 23660	35.96 1.65 -0.05	31.27 1.70 0.00	32.04 1.62 0.00	29.37 1.51 0.00	30.56 1.36 0.00	30.46 1.39 0.00	32.43 1.31 0.00	32.29 1.17 0.00	29.92 1.20 0.00	34.58 1.25 -0.17	47.07 1.59 -1.05	53.74 1.82 -0.64	53.91 1.94 -1.04	55.43 2.05 -1.65	57.78 1.72 -2.23	52.39 1.51 -1.64	61.05 1.67 -3.24	85.88 2.71 -2.39	85.43 2.87 0.00	75.23 2.41 0.00	68.99 1.61 0.00	70.28 1.67 0.00	58.14 1.66 -1.37	52.15 1.64 -1.97
EAST RIVER___7 23524	35.96 1.65 -0.05	31.27 1.70 0.00	32.04 1.62 0.00	29.37 1.51 0.00	30.56 1.36 0.00	30.46 1.39 0.00	32.43 1.31 0.00	32.29 1.17 0.00	29.92 1.20 0.00	34.58 1.25 -0.17	47.07 1.59 -1.05	53.74 1.82 -0.64	53.91 1.94 -1.04	55.43 2.05 -1.65	57.78 1.72 -2.23	52.39 1.51 -1.64	61.05 1.67 -3.24	85.88 2.71 -2.39	85.43 2.87 0.00	75.23 2.41 0.00	68.99 1.61 0.00	70.28 1.67 0.00	58.14 1.66 -1.37	52.15 1.64 -1.97
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.70 1.38 -0.05	31.02 1.45 0.00	31.82 1.40 0.00	29.17 1.32 0.00	30.37 1.16 0.00	30.26 1.19 0.00	32.23 1.11 0.00	32.08 0.96 0.00	29.68 0.95 0.00	34.31 0.98 -0.17	46.73 1.25 -1.05	53.37 1.45 -0.64	53.57 1.61 -1.04	55.07 1.69 -1.64	57.46 1.41 -2.23	52.10 1.23 -1.64	60.74 1.36 -3.23	85.49 2.33 -2.39	85.07 2.51 0.00	74.90 2.08 0.00	68.68 1.31 0.00	69.95 1.35 0.00	57.77 1.29 -1.37	51.80 1.29 -1.96
EAST_HAMPTON___DIESEL 23722	37.14 2.82 -0.05	32.35 2.79 0.00	33.13 2.71 0.00	30.52 2.66 0.00	31.64 2.43 0.00	31.59 2.51 0.00	33.23 2.11 0.00	33.19 2.07 0.00	30.67 1.95 0.00	35.81 2.49 -0.17	48.90 3.42 -1.05	54.89 2.97 -0.64	54.95 2.98 -1.04	55.97 2.83 -1.41	57.28 1.58 -1.88	52.05 1.26 -1.56	60.40 1.65 -2.61	82.30 2.41 0.89	82.12 2.09 2.52	75.06 2.24 0.00	56.26 2.14 13.26	29.10 2.56 42.06	24.99 1.13 31.25	35.15 1.45 14.84
EAST_POINT___SOLAR 323840	36.82 2.59 0.03	31.74 2.18 0.00	32.57 2.15 0.00	29.79 1.93 0.00	31.25 2.04 0.00	31.11 2.04 0.00	33.36 2.24 0.00	33.43 2.32 0.00	30.51 1.78 0.00	34.82 1.76 0.10	46.25 2.42 0.60	53.58 2.67 0.36	53.36 3.02 0.59	53.32 2.52 0.94	54.99 2.43 1.27	51.02 2.73 0.93	56.52 2.22 1.85	83.81 4.39 1.36	86.78 4.23 0.00	78.93 6.11 0.00	73.80 6.43 0.00	75.00 6.40 0.00	59.41 5.08 0.78	51.71 4.28 1.12
EAST_PULASKI___ESR 323781	34.31 0.05 0.00	29.65 0.09 0.00	30.55 0.12 0.00	28.01 0.15 0.00	29.33 0.13 0.00	29.32 0.25 0.00	31.35 0.23 0.00	31.24 0.12 0.00	28.70 -0.02 0.00	33.20 0.05 0.00	44.66 0.23 0.00	51.49 0.18 -0.03	51.11 0.18 0.00	51.67 -0.06 0.00	53.57 -0.25 0.00	48.99 -0.24 0.00	55.68 -0.46 0.00	84.41 -0.19 -3.82	88.01 0.54 -4.92	75.68 0.75 -2.11	68.13 0.76 0.00	69.19 0.59 0.00	55.71 0.59 0.00	49.32 0.78 0.00
EAST_RIVER___1 323558	36.00 1.69 -0.05	31.29 1.73 0.00	32.07 1.65 0.00	29.39 1.53 0.00	30.59 1.38 0.00	30.48 1.41 0.00	32.45 1.33 0.00	32.31 1.19 0.00	29.95 1.22 0.00	34.61 1.28 -0.17	47.11 1.63 -1.05	53.78 1.86 -0.64	53.94 1.98 -1.04	55.46 2.08 -1.65	57.82 1.76 -2.23	52.42 1.55 -1.64	61.09 1.70 -3.24	85.96 2.79 -2.39	85.53 2.98 0.00	75.29 2.47 0.00	69.05 1.68 0.00	70.34 1.73 0.00	58.17 1.69 -1.37	52.18 1.68 -1.97
EAST_RIVER___2 323559	35.96 1.65 -0.05	31.27 1.70 0.00	32.04 1.62 0.00	29.37 1.51 0.00	30.56 1.36 0.00	30.46 1.39 0.00	32.43 1.31 0.00	32.29 1.17 0.00	29.92 1.20 0.00	34.58 1.25 -0.17	47.07 1.59 -1.05	53.74 1.82 -0.64	53.91 1.94 -1.04	55.43 2.05 -1.65	57.78 1.72 -2.23	52.39 1.51 -1.64	61.05 1.67 -3.24	85.88 2.71 -2.39	85.43 2.87 0.00	75.23 2.41 0.00	68.99 1.61 0.00	70.28 1.67 0.00	58.14 1.66 -1.37	52.15 1.64 -1.97
EAST___DELAWARE_HYD 23607	35.04 0.75 -0.03	30.34 0.77 0.00	31.11 0.69 0.00	28.52 0.66 0.00	29.69 0.48 0.00	29.58 0.50 0.00	31.55 0.43 0.00	31.42 0.30 0.00	29.06 0.33 0.00	33.60 0.34 -0.11	45.54 0.45 -0.66	52.23 0.55 -0.40	52.35 0.76 -0.66	53.61 0.83 -1.04	55.78 0.54 -1.41	50.72 0.45 -1.04	58.91 0.72 -2.05	83.97 1.68 -1.51	84.69 2.13 0.00	74.53 1.71 0.00	68.39 1.01 0.00	69.55 0.95 0.00	56.71 0.73 -0.87	50.39 0.60 -1.24
EIGHT_POINT___WT_PWR 323820	34.64 0.37 0.00	30.16 0.59 0.00	30.94 0.52 0.00	28.11 0.25 0.00	29.46 0.26 0.00	29.19 0.12 0.00	31.50 0.38 0.00	31.34 0.22 0.00	28.82 0.09 0.00	33.12 -0.04 0.00	47.30 0.20 -2.66	51.90 0.62 0.00	51.11 0.19 0.00	51.89 0.16 0.00	54.25 0.42 0.00	49.22 -0.01 0.00	56.63 0.48 0.00	83.11 1.75 -0.58	86.92 3.61 -0.75	76.52 3.38 -0.32	70.56 3.19 0.00	71.19 2.58 0.00	57.31 2.19 0.00	50.20 1.65 0.00
ELBRIDGE_115KV_TB2 80188	34.14 -0.12 0.00	29.57 0.00 0.00	30.42 0.00 0.00	27.84 -0.01 0.00	29.18 -0.03 0.00	29.03 -0.05 0.00	31.11 -0.01 0.00	31.00 -0.12 0.00	28.54 -0.19 0.00	32.93 -0.23 0.00	44.26 -0.17 0.00	51.18 -0.13 -0.02	50.74 -0.18 0.00	51.71 -0.03 0.00	53.86 0.04 0.00	49.25 0.02 0.00	56.26 0.12 0.00	83.83 0.42 -2.63	86.83 0.88 -3.39	75.16 0.88 -1.46	68.05 0.67 0.00	69.03 0.42 0.00	55.47 0.35 0.00	48.78 0.23 0.00
ELEC_TRO_TEK 24086	35.67 1.36 -0.05	31.07 1.50 0.00	31.84 1.42 0.00	29.22 1.37 0.00	30.37 1.16 0.00	30.29 1.22 0.00	32.17 1.05 0.00	32.08 0.96 0.00	29.60 0.87 0.00	34.35 1.02 -0.17	46.85 1.38 -1.05	53.15 1.23 -0.64	53.50 1.53 -1.04	55.01 1.63 -1.65	57.10 1.04 -2.23	51.87 1.00 -1.64	60.33 0.95 -3.24	84.91 1.74 -2.39	84.52 1.96 0.00	74.65 1.82 0.00	66.01 0.91 2.28	63.22 1.13 6.50	52.61 1.20 3.71	49.07 1.21 0.68
ELLENBURG_WT_PWR 323604	34.40 0.14 0.00	29.44 -0.13 0.00	30.14 -0.28 0.00	27.57 -0.29 0.00	29.03 -0.18 0.00	28.96 -0.12 0.00	31.15 0.03 0.00	31.55 0.43 0.00	29.29 0.56 0.00	33.89 0.74 0.00	45.25 0.82 0.00	52.00 0.72 0.00	51.45 0.52 0.00	52.20 0.47 0.00	54.41 0.59 0.00	49.81 0.57 0.00	56.79 0.65 0.00	81.54 0.76 0.00	82.97 0.41 0.00	73.27 0.45 0.00	67.87 0.49 0.00	69.14 0.53 0.00	55.32 0.20 0.00	48.55 0.00 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.77 0.51 0.00	30.41 0.84 0.00	31.40 0.98 0.00	28.50 0.64 0.00	30.02 0.81 0.00	29.72 0.64 0.00	32.06 0.94 0.00	31.85 0.73 0.00	29.29 0.57 0.00	33.91 0.75 0.00	46.55 1.93 -0.19	54.04 2.76 0.00	53.33 2.40 0.00	54.16 2.43 0.00	57.33 3.50 0.00	52.20 2.97 0.00	59.87 3.73 0.00	86.18 5.40 0.00	88.98 6.43 0.00	77.82 5.00 0.00	71.24 3.87 0.00	71.75 3.14 0.00	58.19 3.07 0.00	51.20 2.66 0.00
EMPIRE_CC_1 323656	34.11 -0.07 0.08	29.89 0.33 0.00	30.89 0.47 0.00	28.39 0.53 0.00	29.59 0.38 0.00	29.47 0.39 0.00	31.38 0.26 0.00	30.98 -0.14 0.00	28.52 -0.20 0.00	32.43 -0.47 0.26	42.02 -0.82 1.59	49.41 -0.90 0.97	48.49 -0.86 1.58	48.35 -0.88 2.50	49.31 -1.13 3.39	45.62 -1.12 2.49	49.97 -1.26 4.92	75.48 -1.67 3.63	81.21 -1.34 0.00	71.83 -0.99 0.00	65.94 -1.43 0.00	67.35 -1.25 0.00	51.97 -1.07 2.08	44.77 -0.78 2.99
EMPIRE_CC_2 323658	34.11 -0.07 0.08	29.89 0.33 0.00	30.89 0.47 0.00	28.39 0.53 0.00	29.59 0.38 0.00	29.47 0.39 0.00	31.38 0.26 0.00	30.98 -0.14 0.00	28.52 -0.20 0.00	32.43 -0.47 0.26	42.02 -0.82 1.59	49.41 -0.90 0.97	48.49 -0.86 1.58	48.35 -0.88 2.50	49.31 -1.13 3.39	45.62 -1.12 2.49	49.97 -1.26 4.92	75.48 -1.67 3.63	81.21 -1.34 0.00	71.83 -0.99 0.00	65.94 -1.43 0.00	67.35 -1.25 0.00	51.97 -1.07 2.08	44.77 -0.78 2.99
ENORWICH_115KV_TB1 80156	36.32 2.05 0.00	31.45 1.88 0.00	32.38 1.96 0.00	29.73 1.87 0.00	31.11 1.90 0.00	30.92 1.85 0.00	33.17 2.05 0.00	33.15 2.03 0.00	30.61 1.88 0.00	35.33 2.17 0.00	47.52 3.20 0.11	54.84 3.55 -0.01	54.30 3.37 0.00	54.88 3.15 0.00	57.14 3.31 0.00	52.45 3.22 0.00	59.23 3.09 0.00	87.80 5.98 -1.03	90.96 7.08 -1.33	80.32 6.92 -0.57	74.03 6.65 0.00	74.31 5.70 0.00	59.56 4.44 0.00	52.37 3.83 0.00
ERIE_ST__34_KV_TB1-2 80199	35.08 0.82 0.00	30.62 1.05 0.00	31.60 1.18 0.00	28.65 0.79 0.00	30.17 0.97 0.00	29.87 0.79 0.00	32.21 1.09 0.00	32.00 0.89 0.00	29.48 0.76 0.00	34.13 0.97 0.00	46.78 2.16 -0.19	54.36 3.08 0.00	53.68 2.76 0.00	54.68 2.95 0.00	57.86 4.03 0.00	52.68 3.45 0.00	60.51 4.37 0.00	87.27 6.48 0.00	90.17 7.62 0.00	78.75 5.93 0.00	72.06 4.69 0.00	72.53 3.93 0.00	58.75 3.64 0.00	51.63 3.09 0.00
ERIE_WT_PWR 323693	34.91 0.65 0.00	30.50 0.93 0.00	31.51 1.08 0.00	28.59 0.73 0.00	30.10 0.89 0.00	29.76 0.69 0.00	32.15 1.03 0.00	31.93 0.82 0.00	29.36 0.64 0.00	33.97 0.82 0.00	46.65 2.03 -0.19	54.17 2.89 0.00	53.46 2.53 0.00	54.33 2.60 0.00	57.53 3.70 0.00	52.38 3.15 0.00	60.09 3.95 0.00	86.54 5.75 0.00	89.40 6.85 0.00	78.17 5.35 0.00	71.60 4.22 0.00	72.07 3.47 0.00	58.47 3.35 0.00	51.48 2.94 0.00
ESPRGFLD_115KV_TB1 80157	36.24 2.00 0.02	31.21 1.65 0.00	31.99 1.57 0.00	29.29 1.43 0.00	30.74 1.54 0.00	30.60 1.53 0.00	32.82 1.70 0.00	32.96 1.85 0.00	30.41 1.68 0.00	35.08 1.98 0.06	46.98 2.91 0.36	54.51 3.45 0.22	54.02 3.45 0.36	54.60 3.43 0.57	56.66 3.60 0.77	52.23 3.57 0.57	58.70 3.67 1.12	85.53 5.57 0.82	88.37 5.82 0.00	78.27 5.45 0.00	72.51 5.14 0.00	73.56 4.96 0.00	58.70 4.06 0.47	51.40 3.53 0.68
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.05 0.79 0.00	30.35 0.78 0.00	31.22 0.79 0.00	28.58 0.72 0.00	29.93 0.73 0.00	29.78 0.70 0.00	31.95 0.83 0.00	31.84 0.72 0.00	29.31 0.58 0.00	33.80 0.64 0.00	45.43 1.00 0.00	52.38 1.09 -0.01	51.83 0.90 0.00	52.62 0.88 0.00	55.01 1.19 0.00	50.26 1.02 0.00	57.28 1.14 0.00	84.47 2.27 -1.41	87.55 3.18 -1.82	76.74 3.13 -0.78	70.21 2.84 0.00	71.09 2.48 0.00	57.11 2.00 0.00	50.17 1.63 0.00
ETNA____115KV_TB2 80207	35.05 0.79 0.00	30.35 0.78 0.00	31.22 0.79 0.00	28.58 0.72 0.00	29.93 0.73 0.00	29.78 0.70 0.00	31.95 0.83 0.00	31.84 0.72 0.00	29.31 0.58 0.00	33.80 0.64 0.00	45.43 1.00 0.00	52.38 1.09 -0.01	51.83 0.90 0.00	52.62 0.88 0.00	55.01 1.19 0.00	50.26 1.02 0.00	57.28 1.14 0.00	84.47 2.27 -1.41	87.55 3.18 -1.82	76.74 3.13 -0.78	70.21 2.84 0.00	71.09 2.48 0.00	57.11 2.00 0.00	50.17 1.63 0.00
EUCLID__115KV_TB2 356179	33.90 -0.36 0.00	29.35 -0.21 0.00	30.22 -0.21 0.00	27.67 -0.19 0.00	28.98 -0.23 0.00	28.84 -0.24 0.00	30.89 -0.23 0.00	30.79 -0.33 0.00	28.37 -0.36 0.00	32.74 -0.41 0.00	44.03 -0.40 0.00	50.89 -0.40 -0.01	50.55 -0.38 0.00	51.36 -0.37 0.00	53.53 -0.29 0.00	48.96 -0.27 0.00	55.91 -0.24 0.00	81.82 -0.14 -1.17	84.34 0.28 -1.51	73.74 0.27 -0.65	67.44 0.07 0.00	68.43 -0.18 0.00	54.99 -0.12 0.00	48.39 -0.16 0.00
E_CANADA_CAP_HY 24051	36.57 2.33 0.03	31.47 1.91 0.00	32.26 1.84 0.00	29.48 1.62 0.00	30.96 1.75 0.00	30.83 1.76 0.00	33.06 1.94 0.00	33.22 2.10 0.00	30.60 1.88 0.00	35.18 2.11 0.09	46.83 2.94 0.54	54.41 3.46 0.33	53.83 3.43 0.53	54.26 3.37 0.85	56.24 3.56 1.15	51.96 3.57 0.84	57.91 3.43 1.67	84.84 5.28 1.23	88.04 5.49 0.00	78.54 5.72 0.00	73.03 5.65 0.00	74.25 5.64 0.00	59.03 4.62 0.70	51.55 4.02 1.01
E_CANADA_MHWK_HY 24050	34.35 0.09 0.00	29.92 0.36 0.00	30.94 0.52 0.00	28.49 0.63 0.00	29.72 0.51 0.00	29.61 0.53 0.00	31.59 0.47 0.00	31.15 0.04 0.00	28.52 -0.20 0.00	32.53 -0.63 0.00	43.15 -1.28 0.00	49.76 -1.52 0.00	49.62 -1.31 0.00	50.02 -1.72 0.00	52.50 -1.33 0.00	47.73 -1.50 0.00	54.25 -1.89 0.00	78.67 -2.12 0.00	81.51 -1.05 0.00	72.95 0.13 0.00	67.54 0.16 0.00	68.54 -0.07 0.00	54.90 -0.22 0.00	48.30 -0.24 0.00
E_FISHKILL__LBMP 23776	35.26 0.94 -0.05	30.64 1.08 0.00	31.48 1.06 0.00	28.88 1.02 0.00	30.08 0.87 0.00	29.99 0.91 0.00	31.95 0.83 0.00	31.75 0.63 0.00	29.33 0.60 0.00	33.88 0.55 -0.18	46.18 0.67 -1.08	52.73 0.79 -0.66	52.94 0.94 -1.07	54.44 1.00 -1.70	56.86 0.73 -2.30	51.54 0.62 -1.70	60.16 0.67 -3.34	84.53 1.28 -2.47	84.06 1.50 0.00	74.07 1.25 0.00	67.97 0.59 0.00	69.26 0.65 0.00	57.19 0.66 -1.41	51.29 0.72 -2.03
FALCON__SEABRD_CC1 323796	34.85 0.59 0.00	29.86 0.29 0.00	30.54 0.11 0.00	27.92 0.06 0.00	29.33 0.12 0.00	29.29 0.22 0.00	31.49 0.37 0.00	31.90 0.78 0.00	29.59 0.87 0.00	34.18 1.03 0.00	45.49 1.06 0.00	52.15 0.87 0.00	51.45 0.52 0.00	52.16 0.42 0.00	54.34 0.51 0.00	49.76 0.53 0.00	56.81 0.67 0.00	81.67 0.89 0.00	83.21 0.66 0.00	73.56 0.74 0.00	68.04 0.67 0.00	69.28 0.67 0.00	55.36 0.25 0.00	48.60 0.06 0.00
FALCON__SEABRD_CC2 323797	34.85 0.59 0.00	29.86 0.29 0.00	30.54 0.11 0.00	27.92 0.06 0.00	29.33 0.12 0.00	29.29 0.22 0.00	31.49 0.37 0.00	31.90 0.78 0.00	29.59 0.87 0.00	34.18 1.03 0.00	45.49 1.06 0.00	52.15 0.87 0.00	51.45 0.52 0.00	52.16 0.42 0.00	54.34 0.51 0.00	49.76 0.53 0.00	56.81 0.67 0.00	81.67 0.89 0.00	83.21 0.66 0.00	73.56 0.74 0.00	68.04 0.67 0.00	69.28 0.67 0.00	55.36 0.25 0.00	48.60 0.06 0.00

FAR ROCKAWAY___4 23548	36.28 1.97 -0.05	31.59 2.02 0.00	32.35 1.93 0.00	29.69 1.83 0.00	30.86 1.65 0.00	30.76 1.69 0.00	32.67 1.55 0.00	32.58 1.46 0.00	30.07 1.35 0.00	34.93 1.60 -0.17	47.71 2.23 -1.05	54.24 2.32 -0.64	54.59 2.62 -1.04	56.11 2.74 -1.65	58.23 2.18 -2.23	52.92 2.05 -1.64	61.59 2.21 -3.24	86.58 3.41 -2.39	86.17 3.62 0.00	76.11 3.29 0.00	69.32 2.20 0.26	71.01 2.40 0.00	58.69 2.21 -1.37	52.70 2.19 -1.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.01 1.70 -0.05	31.31 1.75 0.00	32.08 1.66 0.00	29.41 1.55 0.00	30.60 1.39 0.00	30.49 1.42 0.00	32.46 1.34 0.00	32.33 1.21 0.00	29.95 1.23 0.00	34.61 1.28 -0.17	47.12 1.64 -1.05	53.80 1.88 -0.64	53.96 1.99 -1.04	55.48 2.10 -1.65	57.82 1.77 -2.23	52.44 1.56 -1.64	61.12 1.74 -3.24	86.00 2.83 -2.39	85.58 3.03 0.00	75.34 2.52 0.00	69.09 1.72 0.00	70.38 1.77 0.00	58.21 1.73 -1.37	52.22 1.72 -1.97
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.03 1.72 -0.05	31.32 1.76 0.00	32.10 1.68 0.00	29.42 1.57 0.00	30.62 1.41 0.00	30.51 1.43 0.00	32.48 1.36 0.00	32.34 1.22 0.00	29.97 1.24 0.00	34.64 1.31 -0.17	47.15 1.67 -1.05	53.82 1.90 -0.64	54.00 2.03 -1.04	55.51 2.13 -1.65	57.86 1.81 -2.23	52.47 1.59 -1.64	61.14 1.76 -3.24	86.07 2.90 -2.39	85.64 3.08 0.00	75.41 2.59 0.00	69.13 1.76 0.00	70.43 1.83 0.00	58.27 1.79 -1.37	52.26 1.75 -1.97
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.98 1.67 -0.05	31.29 1.72 0.00	32.07 1.64 0.00	29.39 1.53 0.00	30.58 1.37 0.00	30.47 1.40 0.00	32.44 1.32 0.00	32.30 1.18 0.00	29.93 1.21 0.00	34.59 1.26 -0.17	47.09 1.61 -1.05	53.75 1.83 -0.64	53.92 1.95 -1.04	55.44 2.06 -1.65	57.78 1.72 -2.23	52.40 1.52 -1.64	61.07 1.69 -3.24	85.92 2.75 -2.39	85.50 2.94 0.00	75.27 2.45 0.00	69.03 1.65 0.00	70.31 1.70 0.00	58.16 1.68 -1.37	52.18 1.67 -1.97
FARRAGUT___LBMP 323566	35.95 1.64 -0.05	31.26 1.69 0.00	32.04 1.62 0.00	29.36 1.51 0.00	30.56 1.35 0.00	30.45 1.37 0.00	32.41 1.29 0.00	32.28 1.16 0.00	29.91 1.18 0.00	34.56 1.23 -0.17	47.04 1.56 -1.05	53.70 1.78 -0.64	53.86 1.89 -1.04	55.37 1.99 -1.65	57.71 1.66 -2.23	52.34 1.47 -1.64	60.99 1.61 -3.24	85.83 2.66 -2.39	85.39 2.83 0.00	75.19 2.37 0.00	68.94 1.56 0.00	70.23 1.63 0.00	58.10 1.62 -1.37	52.13 1.62 -1.97
FENNER___WINDPWR 24204	34.96 0.70 0.00	30.22 0.65 0.00	31.12 0.69 0.00	28.54 0.68 0.00	29.85 0.64 0.00	29.75 0.67 0.00	31.84 0.72 0.00	31.77 0.65 0.00	29.26 0.53 0.00	33.77 0.62 0.00	45.43 1.00 0.00	52.43 1.13 -0.01	52.02 1.09 0.00	52.74 1.01 0.00	55.05 1.23 0.00	50.18 0.95 0.00	57.29 1.15 0.00	83.90 2.00 -1.12	86.69 2.70 -1.43	76.09 2.67 -0.61	69.79 2.41 0.00	70.77 2.17 0.00	56.83 1.71 0.00	49.96 1.42 0.00
FIBERTEK___ENERGY 23856	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.13 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.15 -0.15 -0.02	50.79 -0.14 0.00	51.71 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.65 0.38 -2.49	86.66 0.89 -3.21	75.05 0.84 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.40 0.29 0.00	48.74 0.20 0.00
FITZPATRICK___ 23598	33.37 -0.89 0.00	28.88 -0.68 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.40 -0.72 0.00	30.32 -0.80 0.00	27.95 -0.77 0.00	32.26 -0.89 0.00	43.34 -1.09 0.00	49.90 -1.26 0.12	49.69 -1.24 0.00	50.49 -1.25 0.00	52.59 -1.23 0.00	48.12 -1.11 0.00	54.91 -1.24 0.00	65.16 -1.70 13.93	63.17 -1.40 17.98	63.86 -1.20 7.76	66.17 -1.21 0.00	67.21 -1.40 0.00	54.02 -1.10 0.00	47.55 -0.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.84 1.54 -0.04	31.12 1.56 0.00	31.95 1.53 0.00	29.29 1.43 0.00	30.51 1.30 0.00	30.41 1.34 0.00	32.42 1.30 0.00	32.24 1.12 0.00	29.80 1.08 0.00	34.44 1.14 -0.14	46.78 1.50 -0.85	53.59 1.79 -0.52	53.75 1.98 -0.85	55.18 2.11 -1.34	57.53 1.89 -1.82	52.27 1.70 -1.34	60.88 2.09 -2.64	86.13 3.40 -1.95	86.32 3.77 0.00	75.97 3.16 0.00	69.69 2.32 0.00	70.92 2.32 0.00	58.16 1.94 -1.11	51.89 1.74 -1.60
FORT ORANGE___ 23900	34.07 -0.16 0.04	29.87 0.30 0.00	30.82 0.39 0.00	28.33 0.47 0.00	29.55 0.34 0.00	29.44 0.37 0.00	31.39 0.27 0.00	31.09 -0.03 0.00	28.53 -0.19 0.00	32.50 -0.53 0.12	42.70 -0.97 0.77	49.75 -1.07 0.47	49.08 -1.09 0.76	49.54 -0.99 1.21	50.83 -1.36 1.64	46.81 -1.21 1.20	52.30 -1.47 2.37	77.05 -1.98 1.75	80.97 -1.59 0.00	71.77 -1.05 0.00	66.01 -1.36 0.00	67.32 -1.28 0.00	53.09 -1.02 1.00	46.26 -0.84 1.44
FORT_DRUM_COGEN 23780	35.79 1.53 0.00	30.70 1.14 0.00	31.75 1.33 0.00	29.24 1.38 0.00	30.63 1.42 0.00	30.97 1.90 0.00	32.95 1.83 0.00	32.81 1.69 0.00	29.93 1.20 0.00	34.82 1.66 0.00	46.87 2.44 0.00	53.64 2.34 -0.02	53.24 2.31 0.00	53.61 1.88 0.00	55.39 1.57 0.00	50.57 1.34 0.00	57.13 0.99 0.00	85.39 2.69 -1.92	89.43 4.42 -2.46	78.35 4.50 -1.03	71.78 4.41 0.00	72.81 4.20 0.00	58.98 3.87 0.00	52.61 4.06 0.00
FOX_HILLS___ESR 323835	36.02 1.71 -0.05	31.31 1.74 0.00	31.97 1.54 0.00	29.31 1.46 0.00	30.49 1.28 0.00	30.37 1.30 0.00	32.31 1.19 0.00	32.22 1.10 0.00	29.86 1.13 0.00	34.45 1.12 -0.17	46.87 1.40 -1.05	53.37 1.45 -0.64	53.56 1.60 -1.04	55.13 1.75 -1.65	57.44 1.39 -2.22	52.14 1.28 -1.64	60.76 1.38 -3.24	85.45 2.29 -2.39	85.02 2.46 0.00	74.86 2.04 0.01	68.66 1.29 0.00	69.88 1.28 0.00	57.82 1.34 -1.37	52.04 1.53 -1.97
FPL_FAR_ROCK_GT1 24212	36.28 1.97 -0.05	31.59 2.02 0.00	32.35 1.93 0.00	29.69 1.83 0.00	30.86 1.65 0.00	30.76 1.69 0.00	32.67 1.55 0.00	32.58 1.46 0.00	30.07 1.35 0.00	34.93 1.60 -0.17	47.72 2.24 -1.05	54.25 2.33 -0.64	54.59 2.63 -1.04	56.13 2.75 -1.65	58.23 2.17 -2.23	52.93 2.06 -1.64	61.58 2.20 -3.24	86.58 3.41 -2.39	86.17 3.62 0.00	76.12 3.30 0.00	69.30 2.19 0.26	70.99 2.39 0.00	58.67 2.19 -1.37	52.69 2.18 -1.97
FPL_FAR_ROCK_GT2 23815	36.28 1.97 -0.05	31.59 2.02 0.00	32.35 1.93 0.00	29.69 1.83 0.00	30.86 1.65 0.00	30.76 1.69 0.00	32.67 1.55 0.00	32.58 1.46 0.00	30.07 1.35 0.00	34.93 1.60 -0.17	47.72 2.24 -1.05	54.25 2.33 -0.64	54.59 2.63 -1.04	56.13 2.75 -1.65	58.23 2.17 -2.23	52.93 2.06 -1.64	61.58 2.20 -3.24	86.58 3.41 -2.39	86.17 3.62 0.00	76.12 3.30 0.00	69.30 2.19 0.26	70.99 2.39 0.00	58.67 2.19 -1.37	52.69 2.18 -1.97
FRANKLIN_FALL_HYD 24054	34.90 0.64 0.00	29.82 0.26 0.00	30.52 0.10 0.00	27.89 0.03 0.00	29.40 0.19 0.00	29.33 0.25 0.00	31.56 0.43 0.00	32.03 0.91 0.00	29.74 1.01 0.00	34.44 1.29 0.00	46.03 1.60 0.00	52.93 1.64 0.00	52.33 1.40 0.00	53.04 1.31 0.00	55.36 1.53 0.00	50.57 1.35 0.00	57.68 1.53 0.00	82.81 2.03 0.00	84.31 1.76 0.00	74.66 1.85 0.00	69.34 1.97 0.00	70.59 1.98 0.00	56.47 1.36 0.00	49.48 0.94 0.00

FREEPORT_EQUS_GT1 23764	35.85	31.26	32.02	29.38	30.52	30.44	32.31	32.23	29.73	34.53	47.16	53.45	53.84	55.43	57.23	52.02	60.43	85.10	84.77	74.94	61.64	48.92	41.45	43.37
	1.54	1.69	1.60	1.52	1.32	1.37	1.19	1.11	1.01	1.20	1.68	1.53	1.88	2.05	1.18	1.15	1.06	1.93	2.22	2.12	1.18	1.58	1.57	1.50
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.05	-0.64	-1.04	-1.65	-2.23	-1.64	-3.24	-2.39	0.00	0.00	6.91	21.26	15.23	6.67
FREEPORT___CT2 23818	35.85	31.26	32.02	29.38	30.52	30.44	32.31	32.23	29.73	34.53	47.16	53.45	53.84	55.43	57.23	52.02	60.43	85.10	84.77	74.94	61.64	48.92	41.45	43.37
	1.54	1.69	1.60	1.52	1.32	1.37	1.19	1.11	1.01	1.20	1.68	1.53	1.88	2.05	1.18	1.15	1.06	1.93	2.22	2.12	1.18	1.58	1.57	1.50
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.05	-0.64	-1.04	-1.65	-2.23	-1.64	-3.24	-2.39	0.00	0.00	6.91	21.26	15.23	6.67
FRESHKLS_33_KV_LOAD 356253	36.03	31.31	31.97	29.31	30.48	30.36	32.31	32.22	29.84	34.44	46.85	53.30	53.47	55.06	57.36	52.11	60.76	85.44	85.04	74.91	68.72	69.90	57.85	52.08
	1.72	1.74	1.54	1.45	1.27	1.29	1.18	1.10	1.11	1.11	1.37	1.38	1.50	1.68	1.31	1.24	1.38	2.27	2.49	2.10	1.35	1.30	1.37	1.57
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.05	-0.64	-1.04	-1.65	-2.22	-1.64	-3.24	-2.39	0.00	0.01	0.00	0.00	-1.37	-1.97
FULTON COGEN____ 23766	33.88	29.33	30.19	27.64	28.95	28.81	30.86	30.76	28.34	32.73	44.00	50.88	50.43	51.19	53.36	48.80	55.70	84.87	88.42	75.46	67.37	68.37	54.93	48.36
	-0.38	-0.24	-0.23	-0.22	-0.25	-0.26	-0.26	-0.36	-0.38	-0.42	-0.43	-0.45	-0.49	-0.54	-0.47	-0.43	-0.45	-0.44	0.02	0.12	0.00	-0.24	-0.19	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	-4.53	-5.84	-2.52	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	36.42	31.45	32.31	29.57	30.99	30.86	33.05	33.06	30.43	34.85	46.11	53.63	53.02	53.33	55.37	50.99	56.71	83.60	87.50	78.27	72.67	73.90	58.52	50.98
	2.19	1.88	1.89	1.71	1.79	1.79	1.93	1.94	1.70	1.80	2.29	2.72	2.70	2.56	2.84	2.71	2.46	4.21	4.95	5.45	5.30	5.30	4.20	3.58
	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.61	0.37	0.61	0.96	1.30	0.96	1.89	1.40	0.00	0.00	0.00	0.80	0.80	1.15
G.F.CEMENT___DRP 24184	36.01	31.38	32.78	30.04	31.30	31.10	33.25	32.73	30.07	34.22	44.70	52.20	51.23	51.37	52.96	48.78	54.50	81.31	86.72	76.82	70.76	72.02	56.39	49.01
	1.80	1.82	2.35	2.18	2.09	2.03	2.13	1.61	1.35	1.22	1.20	1.49	1.23	1.11	1.13	1.02	1.25	2.66	4.17	4.00	3.38	3.42	2.50	2.22
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.94	0.57	0.93	1.47	2.00	1.47	2.90	2.14	0.00	0.00	0.00	0.00	1.22	1.76
GARDENVILLE___LBMP 24039	34.80	30.42	31.42	28.51	30.01	29.72	32.08	31.88	29.31	33.91	46.51	54.02	53.31	54.15	57.32	52.18	59.86	86.22	89.04	77.87	71.32	71.81	58.24	51.28
	0.54	0.85	0.99	0.65	0.81	0.64	0.96	0.76	0.59	0.75	1.89	2.74	2.38	2.42	3.50	2.95	3.72	5.43	6.49	5.05	3.95	3.21	3.13	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	34.98	30.55	31.56	28.62	30.14	29.82	32.20	31.98	29.42	34.07	46.79	54.36	53.67	54.54	57.76	52.61	60.36	86.91	89.79	78.49	71.85	72.33	58.63	51.59
	0.72	0.99	1.13	0.76	0.93	0.75	1.07	0.86	0.70	0.92	2.17	3.07	2.74	2.81	3.93	3.38	4.22	6.13	7.23	5.66	4.48	3.73	3.52	3.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	33.98	29.42	30.29	27.73	29.03	28.89	30.96	30.85	28.42	32.80	44.10	50.98	50.62	51.48	53.64	49.04	56.02	82.45	85.17	74.20	67.65	68.62	55.14	48.51
	-0.28	-0.15	-0.14	-0.13	-0.17	-0.18	-0.16	-0.27	-0.30	-0.35	-0.33	-0.32	-0.30	-0.26	-0.19	-0.19	-0.12	0.03	0.50	0.47	0.27	0.02	0.03	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	-1.64	-2.12	-0.91	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	34.91	30.49	31.49	28.57	30.08	29.78	32.15	31.93	29.37	34.00	46.66	54.20	53.50	54.36	57.54	52.40	60.10	86.56	89.42	78.19	71.60	72.08	58.47	51.44
	0.64	0.93	1.07	0.71	0.88	0.70	1.03	0.81	0.64	0.84	2.04	2.92	2.57	2.62	3.72	3.17	3.95	5.78	6.86	5.36	4.23	3.48	3.35	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	33.96	29.57	30.48	28.03	29.27	29.16	31.10	30.84	28.38	32.48	42.90	49.86	49.28	49.79	51.31	47.16	52.95	77.58	80.94	71.51	65.79	67.09	53.12	46.44
	-0.27	0.01	0.06	0.17	0.06	0.09	-0.02	-0.27	-0.34	-0.57	-0.93	-1.06	-1.06	-1.01	-1.25	-1.14	-1.35	-1.84	-1.62	-1.30	-1.58	-1.51	-1.21	-0.98
	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.60	0.36	0.59	0.94	1.27	0.93	1.85	1.36	0.00	0.00	0.00	0.00	0.78	1.12
GILBOA___1 23756	34.61	30.04	30.96	28.69	29.96	29.84	31.87	31.58	28.89	33.25	44.64	51.46	51.23	52.16	54.21	49.48	56.65	81.12	82.76	73.03	67.20	68.58	55.42	49.00
	0.34	0.48	0.54	0.83	0.76	0.77	0.76	0.46	0.16	0.07	0.04	0.07	0.13	0.16	0.02	-0.01	-0.02	-0.06	0.21	0.21	-0.17	-0.03	0.08	0.13
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.17	-0.10	-0.17	-0.27	-0.36	-0.27	-0.52	-0.39	0.00	0.00	0.00	0.00	-0.22	-0.32
GILBOA___2 23757	34.61	30.04	30.96	28.69	29.96	29.84	31.87	31.58	28.89	33.25	44.64	51.46	51.23	52.16	54.21	49.48	56.65	81.12	82.76	73.03	67.20	68.58	55.42	49.00
	0.34	0.48	0.54	0.83	0.76	0.77	0.76	0.46	0.16	0.07	0.04	0.07	0.13	0.16	0.02	-0.01	-0.02	-0.06	0.21	0.21	-0.17	-0.03	0.08	0.13
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.17	-0.10	-0.17	-0.27	-0.36	-0.27	-0.52	-0.39	0.00	0.00	0.00	0.00	-0.22	-0.32
GILBOA___3 23758	34.61	30.04	30.96	28.69	29.96	29.84	31.87	31.58	28.89	33.25	44.64	51.46	51.23	52.16	54.21	49.48	56.65	81.12	82.76	73.03	67.20	68.58	55.42	49.00
	0.34	0.48	0.54	0.83	0.76	0.77	0.76	0.46	0.16	0.07	0.04	0.07	0.13	0.16	0.02	-0.01	-0.02	-0.06	0.21	0.21	-0.17	-0.03	0.08	0.13
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.17	-0.10	-0.17	-0.27	-0.36	-0.27	-0.52	-0.39	0.00	0.00	0.00	0.00	-0.22	-0.32
GILBOA___4 23759	34.61	30.04	30.96	28.69	29.96	29.84	31.87	31.58	28.89	33.25	44.64	51.46	51.23	52.16	54.21	49.48	56.65	81.12	82.76	73.03	67.20	68.58	55.42	49.00
	0.34	0.48	0.54	0.83	0.76	0.77	0.76	0.46	0.16	0.07	0.04	0.07	0.13	0.16	0.02	-0.01	-0.02	-0.06	0.21	0.21	-0.17	-0.03	0.08	0.13
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.17	-0.10	-0.17	-0.27	-0.36	-0.27	-0.52	-0.39	0.00	0.00	0.00	0.00	-0.22	-0.32

GILBOA____ 23599	34.61 0.34 -0.01	30.04 0.48 0.00	30.96 0.54 0.00	28.69 0.83 0.00	29.96 0.76 0.00	29.85 0.77 0.00	31.87 0.76 0.00	31.58 0.46 0.00	28.89 0.16 0.00	33.25 0.07 -0.03	44.64 0.04 -0.17	51.46 0.07 -0.10	51.23 0.13 -0.17	52.16 0.16 -0.27	54.21 0.02 -0.36	49.48 -0.01 -0.27	56.66 -0.01 -0.52	81.12 -0.06 -0.39	82.76 0.21 0.00	73.02 0.21 0.00	67.20 -0.17 0.00	68.58 -0.03 0.00	55.42 0.08 -0.22	48.99 0.13 -0.32
GINNA____ 23603	33.51 -0.75 0.00	29.10 -0.46 0.00	29.98 -0.44 0.00	27.32 -0.53 0.00	28.69 -0.52 0.00	28.46 -0.61 0.00	30.56 -0.56 0.00	30.47 -0.65 0.00	28.08 -0.65 0.00	32.52 -0.64 0.00	44.49 -0.20 -0.25	51.26 -0.02 0.00	50.82 -0.11 0.00	51.65 -0.08 0.00	54.30 0.47 0.00	49.65 0.42 0.00	56.96 0.82 0.00	82.26 1.48 0.00	84.84 2.29 0.00	74.63 1.81 0.00	68.45 1.07 0.00	69.11 0.50 0.00	55.53 0.41 0.00	48.66 0.12 0.00
GLEN PARK____ 23778	36.08 1.82 0.00	30.97 1.41 0.00	32.01 1.59 0.00	29.46 1.60 0.00	30.86 1.66 0.00	31.19 2.11 0.00	33.19 2.07 0.00	33.07 1.95 0.00	30.16 1.43 0.00	35.10 1.95 0.00	47.25 2.82 0.00	54.06 2.76 -0.02	53.57 2.64 0.00	53.91 2.17 0.00	55.67 1.84 0.00	50.78 1.55 0.00	57.39 1.25 0.00	86.01 3.22 -2.02	90.23 5.10 -2.58	79.16 5.26 -1.09	72.56 5.19 0.00	73.57 4.97 0.00	59.54 4.43 0.00	53.04 4.50 0.00
GLENDALE_27_KV_LOAD 356172	36.15 1.84 -0.05	31.47 1.90 0.00	32.16 1.74 0.00	29.50 1.64 0.00	30.69 1.48 0.00	30.56 1.49 0.00	32.52 1.40 0.00	32.42 1.30 0.00	30.05 1.33 0.00	34.68 1.35 -0.17	47.16 1.68 -1.05	53.73 1.81 -0.64	53.79 1.83 -1.04	51.30 1.92 2.36	51.85 1.59 3.57	50.51 1.43 0.14	51.84 1.58 5.89	57.89 2.62 25.52	57.15 2.82 28.22	54.87 2.35 20.30	51.96 1.56 16.98	53.31 1.61 16.90	52.24 1.59 4.47	52.19 1.68 -1.97
GLENWOOD_IC_1_G5 23712	35.89 1.58 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.36 1.51 0.00	30.53 1.33 0.00	30.44 1.37 0.00	32.37 1.25 0.00	32.25 1.13 0.00	29.81 1.08 0.00	34.54 1.22 -0.17	47.16 1.68 -1.05	53.67 1.75 -0.64	53.95 1.99 -1.04	55.48 2.10 -1.65	57.67 1.61 -2.23	52.13 1.26 -1.64	60.58 1.20 -3.24	85.32 2.15 -2.39	84.92 2.37 0.00	74.95 2.13 0.00	64.47 1.22 4.13	57.29 1.37 12.69	48.24 1.66 8.54	46.94 1.59 3.19
GLENWOOD_IC_2_G1 23688	35.78 1.46 -0.05	31.13 1.57 0.00	31.92 1.49 0.00	29.27 1.41 0.00	30.45 1.24 0.00	30.35 1.28 0.00	32.29 1.17 0.00	32.16 1.04 0.00	29.73 1.00 0.00	34.42 1.09 -0.17	46.95 1.48 -1.05	53.48 1.56 -0.64	53.72 1.76 -1.04	55.26 1.88 -1.65	57.52 1.46 -2.23	52.17 1.30 -1.64	60.74 1.36 -3.24	85.50 2.33 -2.39	85.09 2.54 0.00	75.03 2.21 0.00	68.72 1.35 0.01	70.07 1.47 0.00	57.90 1.42 -1.37	51.91 1.40 -1.97
GLENWOOD_IC_3_G1 23689	35.78 1.46 -0.05	31.13 1.57 0.00	31.92 1.49 0.00	29.27 1.41 0.00	30.45 1.24 0.00	30.35 1.28 0.00	32.29 1.17 0.00	32.16 1.04 0.00	29.73 1.00 0.00	34.42 1.09 -0.17	46.95 1.48 -1.05	53.48 1.56 -0.64	53.72 1.76 -1.04	55.26 1.88 -1.65	57.52 1.46 -2.23	52.17 1.30 -1.64	60.74 1.36 -3.24	85.50 2.33 -2.39	85.09 2.54 0.00	75.03 2.21 0.00	68.72 1.35 0.01	70.07 1.47 0.00	57.90 1.42 -1.37	51.91 1.40 -1.97
GLENWOOD___4 23550	35.89 1.58 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.36 1.51 0.00	30.53 1.33 0.00	30.44 1.37 0.00	32.37 1.25 0.00	32.25 1.13 0.00	29.81 1.08 0.00	34.54 1.22 -0.17	47.16 1.68 -1.05	53.67 1.75 -0.64	53.95 1.99 -1.04	55.48 2.10 -1.65	57.68 1.62 -2.23	52.21 1.33 -1.64	60.73 1.35 -3.24	85.53 2.36 -2.39	85.15 2.59 0.00	75.13 2.31 0.00	64.66 1.41 4.13	57.45 1.54 12.69	48.24 1.66 8.54	46.94 1.59 3.19
GLENWOOD___5 23614	35.89 1.58 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.36 1.51 0.00	30.53 1.33 0.00	30.44 1.37 0.00	32.37 1.25 0.00	32.25 1.13 0.00	29.81 1.08 0.00	34.54 1.22 -0.17	47.16 1.68 -1.05	53.67 1.75 -0.64	53.95 1.99 -1.04	55.48 2.10 -1.65	57.68 1.62 -2.23	52.21 1.33 -1.64	60.73 1.35 -3.24	85.53 2.36 -2.39	85.15 2.59 0.00	75.13 2.31 0.00	64.66 1.41 4.13	57.45 1.54 12.69	48.24 1.66 8.54	46.94 1.59 3.19
GLOBAL GREEN_PORT_GT1 23814	36.97 2.66 -0.05	32.20 2.63 0.00	32.96 2.53 0.00	30.37 2.51 0.00	31.49 2.29 0.00	31.45 2.38 0.00	33.11 1.99 0.00	33.09 1.97 0.00	30.59 1.86 0.00	35.70 2.38 -0.17	48.79 3.31 -1.05	54.90 2.98 -0.64	55.05 3.09 -1.04	56.28 3.14 -1.41	57.73 2.02 -1.88	52.49 1.71 -1.56	60.87 2.12 -2.61	82.93 3.04 0.89	82.96 2.93 2.52	75.72 2.90 0.00	56.61 2.49 13.26	29.46 2.91 42.06	25.59 1.73 31.25	35.49 1.79 14.84
GLOBE___DSASP 323697	34.05 -0.21 0.00	29.93 0.36 0.00	30.92 0.50 0.00	28.11 0.25 0.00	29.64 0.43 0.00	29.28 0.21 0.00	31.48 0.36 0.00	31.25 0.13 0.00	28.71 -0.01 0.00	33.31 0.15 0.00	45.78 1.16 -0.19	53.12 1.84 0.00	52.43 1.50 0.00	53.24 1.50 0.00	56.39 2.56 0.00	51.32 2.09 0.00	58.79 2.65 0.00	84.36 3.58 0.00	86.96 4.41 0.00	76.09 3.27 0.00	69.56 2.19 0.00	70.18 1.58 0.00	56.97 1.86 0.00	50.14 1.60 0.00
GOETHSLN___LBMP 323567	35.81 1.50 -0.05	31.12 1.56 0.00	31.89 1.46 0.00	29.22 1.36 0.00	30.40 1.19 0.00	30.29 1.22 0.00	32.24 1.12 0.00	32.12 1.00 0.00	29.77 1.04 0.00	34.40 1.07 -0.17	46.80 1.32 -1.05	53.40 1.48 -0.64	53.59 1.62 -1.04	55.08 1.70 -1.65	57.39 1.34 -2.23	52.10 1.23 -1.64	60.70 1.32 -3.24	85.34 2.17 -2.39	84.92 2.36 0.00	74.74 1.91 0.00	68.52 1.15 0.00	69.81 1.20 0.00	57.81 1.33 -1.37	51.91 1.40 -1.97
GOLAH___69_KV_TB 1_2 80279	35.40 1.14 0.00	30.81 1.24 0.00	31.80 1.37 0.00	28.98 1.12 0.00	30.45 1.24 0.00	30.19 1.12 0.00	32.44 1.32 0.00	32.32 1.20 0.00	29.73 1.00 0.00	34.31 1.15 0.00	47.06 2.32 -0.31	54.34 3.06 0.00	53.56 2.63 0.00	54.42 2.69 0.00	57.37 3.54 0.00	52.44 3.21 0.00	60.12 3.97 0.00	86.88 6.10 0.00	89.96 7.41 0.00	79.04 6.22 0.00	72.55 5.17 0.00	73.25 4.65 0.00	58.98 3.86 0.00	51.75 3.20 0.00
GOODYEAR_LAKE_HYD 323669	35.59 1.33 0.00	30.76 1.20 0.00	31.60 1.17 0.00	29.03 1.17 0.00	30.39 1.18 0.00	30.25 1.18 0.00	32.39 1.27 0.00	32.36 1.25 0.00	29.82 1.09 0.00	34.43 1.27 0.00	46.29 1.86 0.00	53.49 2.21 0.00	53.20 2.27 0.00	53.98 2.25 0.00	56.12 2.30 0.00	51.49 2.26 0.00	58.60 2.45 0.00	84.61 3.83 0.00	86.72 4.16 0.00	76.53 3.71 0.00	70.60 3.23 0.00	71.62 3.02 0.00	57.56 2.45 0.00	50.69 2.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.57 0.31 0.00	29.99 0.42 0.00	30.83 0.41 0.00	28.25 0.39 0.00	29.61 0.40 0.00	29.45 0.38 0.00	31.63 0.51 0.00	31.45 0.33 0.00	29.00 0.27 0.00	33.40 0.24 0.00	44.59 0.44 0.28	51.94 0.65 -0.01	51.51 0.58 0.00	52.37 0.64 0.00	54.70 0.87 0.00	49.94 0.71 0.00	57.08 0.94 0.00	83.49 1.72 -0.99	86.18 2.36 -1.27	75.19 1.82 -0.55	68.80 1.43 0.00	69.63 1.03 0.00	56.19 1.08 0.00	49.41 0.87 0.00

GOUDEY___7 23579	34.57 0.31 0.00	29.99 0.42 0.00	30.83 0.41 0.00	28.25 0.39 0.00	29.61 0.40 0.00	29.45 0.38 0.00	31.63 0.51 0.00	31.45 0.33 0.00	29.00 0.27 0.00	33.40 0.24 0.00	44.59 0.44 0.28	51.94 0.65 -0.01	51.51 0.58 0.00	52.37 0.64 0.00	54.70 0.87 0.00	49.94 0.71 0.00	57.08 0.94 0.00	83.49 1.72 -0.99	86.18 2.36 -1.27	75.19 1.82 -0.55	68.80 1.43 0.00	69.63 1.03 0.00	56.19 1.08 0.00	49.41 0.87 0.00
GOUDEY___8 23580	34.57 0.31 0.00	29.99 0.42 0.00	30.83 0.41 0.00	28.25 0.39 0.00	29.61 0.40 0.00	29.45 0.38 0.00	31.63 0.51 0.00	31.45 0.33 0.00	29.00 0.27 0.00	33.40 0.24 0.00	44.59 0.44 0.28	51.94 0.65 -0.01	51.51 0.58 0.00	52.37 0.64 0.00	54.70 0.87 0.00	49.94 0.71 0.00	57.08 0.94 0.00	83.49 1.72 -0.99	86.18 2.36 -1.27	75.19 1.82 -0.55	68.80 1.43 0.00	69.63 1.03 0.00	56.19 1.08 0.00	49.41 0.87 0.00
GOWANUS_GT1_1 24077	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_2 24078	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_3 24079	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_4 24080	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_5 24084	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_6 24111	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_7 24112	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT1_8 24113	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT2_1 24114	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT2_2 24115	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT2_3 24116	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT2_4 24117	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT2_5 24118	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97

GOWANUS_GT2_6 24119	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT2_7 24120	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT2_8 24121	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_1 24122	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_2 24123	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_3 24124	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_4 24125	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_5 24126	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_6 24127	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_7 24128	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT3_8 24129	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
GOWANUS_GT4_1 24130	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT4_2 24131	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT4_3 24132	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT4_4 24133	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97

GOWANUS_GT4_5 24134	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT4_6 24135	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT4_7 24136	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GOWANUS_GT4_8 24137	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GREATVR_69_KV_BK1 356245	36.14 1.83 -0.05	31.52 1.96 0.00	32.29 1.87 0.00	29.66 1.80 0.00	30.78 1.58 0.00	30.75 1.68 0.00	32.54 1.42 0.00	32.47 1.35 0.00	29.93 1.20 0.00	34.82 1.49 -0.17	47.61 2.13 -1.05	53.77 1.85 -0.64	54.14 2.17 -1.04	55.69 2.57 -1.40	57.37 1.70 -1.85	52.36 1.58 -1.55	60.34 1.63 -2.57	82.00 2.35 1.14	82.55 2.71 2.71	75.44 2.62 0.00	56.22 1.67 12.82	29.93 2.04 40.71	26.88 1.95 30.18	36.02 1.75 14.27
GREENBSH_115KV_TB3 55895	34.05 -0.17 0.04	29.71 0.14 0.00	30.64 0.22 0.00	28.17 0.31 0.00	29.39 0.19 0.00	29.28 0.21 0.00	31.22 0.10 0.00	30.93 -0.19 0.00	28.45 -0.27 0.00	32.50 -0.52 0.13	42.68 -0.93 0.82	49.73 -1.05 0.50	49.11 -1.01 0.81	49.46 -0.98 1.29	50.84 -1.24 1.74	46.82 -1.13 1.28	52.32 -1.29 2.53	77.18 -1.73 1.87	81.11 -1.45 0.00	71.73 -1.09 0.00	65.92 -1.45 0.00	67.26 -1.35 0.00	52.93 -1.12 1.07	46.10 -0.90 1.54
GREENDGE_115KV_TB5 80291	35.06 0.80 0.00	30.42 0.85 0.00	31.27 0.85 0.00	28.52 0.66 0.00	29.91 0.71 0.00	29.69 0.61 0.00	31.97 0.85 0.00	31.84 0.72 0.00	29.32 0.59 0.00	33.81 0.65 0.00	46.23 0.87 -0.92	52.28 0.99 -0.01	51.68 0.75 0.00	52.65 0.91 0.00	55.20 1.38 0.00	50.28 1.05 0.00	57.63 1.49 0.00	84.44 2.82 -0.84	87.71 4.07 -1.09	77.18 3.89 -0.47	70.73 3.36 0.00	71.38 2.77 0.00	57.39 2.28 0.00	50.29 1.75 0.00
GREENIDGE___3 23582	35.06 0.80 0.00	30.42 0.85 0.00	31.27 0.85 0.00	28.52 0.66 0.00	29.91 0.71 0.00	29.69 0.61 0.00	31.97 0.85 0.00	31.84 0.72 0.00	29.32 0.59 0.00	33.81 0.65 0.00	46.23 0.87 -0.92	52.28 0.99 -0.01	51.68 0.75 0.00	52.65 0.91 0.00	55.20 1.38 0.00	50.28 1.05 0.00	57.63 1.49 0.00	84.44 2.82 -0.84	87.71 4.07 -1.09	77.18 3.89 -0.47	70.73 3.36 0.00	71.38 2.77 0.00	57.39 2.28 0.00	50.29 1.75 0.00
GREENIDGE___4 23583	35.06 0.80 0.00	30.42 0.86 0.00	31.27 0.85 0.00	28.52 0.66 0.00	29.91 0.71 0.00	29.68 0.61 0.00	31.97 0.85 0.00	31.84 0.73 0.00	29.32 0.59 0.00	33.81 0.65 0.00	46.22 0.87 -0.92	52.29 1.00 -0.01	51.67 0.74 0.00	52.65 0.91 0.00	55.20 1.37 0.00	50.29 1.06 0.00	57.63 1.49 0.00	84.43 2.81 -0.84	87.71 4.07 -1.09	77.17 3.89 -0.47	70.72 3.35 0.00	71.38 2.77 0.00	57.38 2.27 0.00	50.29 1.75 0.00
GREENLWN_69_KV_BK 3 55738	35.39 1.08 -0.05	30.88 1.32 0.00	31.65 1.22 0.00	29.06 1.20 0.00	30.19 0.98 0.00	30.13 1.06 0.00	31.96 0.83 0.00	31.91 0.79 0.00	29.40 0.67 0.00	34.16 0.84 -0.17	46.61 1.13 -1.05	52.65 0.73 -0.64	53.03 1.07 -1.04	54.02 1.18 -1.10	55.69 0.46 -1.41	51.19 0.52 -1.44	58.30 0.37 -1.78	76.31 0.76 5.24	77.68 0.99 5.86	73.96 1.14 0.00	54.17 -0.27 12.94	26.05 -0.32 42.23	24.16 0.05 31.00	34.42 0.30 14.43
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97
GRISSOM___SOLAR 323813	36.27 2.03 0.03	31.34 1.77 0.00	32.23 1.81 0.00	29.51 1.65 0.00	30.91 1.70 0.00	30.78 1.70 0.00	32.94 1.82 0.00	32.92 1.80 0.00	30.29 1.56 0.00	34.67 1.61 0.10	45.76 1.96 0.62	53.31 2.41 0.38	52.65 2.34 0.62	52.95 2.20 0.98	54.99 2.49 1.33	50.59 2.34 0.98	56.27 2.06 1.93	83.04 3.68 1.43	87.04 4.48 0.00	77.80 4.97 0.00	72.16 4.79 0.00	73.40 4.80 0.00	58.09 3.79 0.82	50.61 3.23 1.17
GROVEVILLE___HYD 323602	35.84 1.54 -0.04	31.12 1.56 0.00	31.95 1.53 0.00	29.29 1.43 0.00	30.51 1.30 0.00	30.41 1.34 0.00	32.42 1.30 0.00	32.24 1.12 0.00	29.80 1.08 0.00	34.44 1.14 -0.14	46.78 1.50 -0.85	53.59 1.79 -0.52	53.75 1.98 -0.85	55.18 2.11 -1.34	57.53 1.89 -1.82	52.27 1.70 -1.34	60.88 2.09 -2.64	86.13 3.40 -1.95	86.32 3.77 0.00	75.97 3.16 0.00	69.69 2.32 0.00	70.92 2.32 0.00	58.16 1.94 -1.11	51.89 1.74 -1.60
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.13 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.15 -0.15 -0.02	50.79 -0.14 0.00	51.71 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.65 0.38 -2.49	86.66 0.89 -3.21	75.05 0.84 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.40 0.29 0.00	48.74 0.20 0.00
HAMLTNNY_34_KV_TB 80303	34.58 0.32 0.00	29.99 0.42 0.00	30.89 0.46 0.00	28.22 0.36 0.00	29.59 0.38 0.00	29.41 0.34 0.00	31.54 0.42 0.00	31.42 0.30 0.00	28.94 0.21 0.00	33.41 0.26 0.00	45.09 0.55 -0.11	52.08 0.78 -0.02	51.57 0.64 0.00	52.68 0.94 0.00	54.89 1.06 0.00	50.16 0.94 0.00	57.36 1.22 0.00	85.20 2.04 -2.38	88.29 2.66 -3.07	76.58 2.44 -1.32	69.44 2.06 0.00	70.32 1.72 0.00	56.48 1.37 0.00	49.66 1.12 0.00

HAMPSHIRE___PAPER_HYD 323593	35.06 0.80 0.00	29.98 0.42 0.00	30.89 0.47 0.00	28.34 0.48 0.00	29.80 0.60 0.00	29.91 0.84 0.00	31.96 0.84 0.00	32.11 0.99 0.00	29.52 0.80 0.00	34.21 1.06 0.00	45.97 1.54 0.00	52.73 1.44 -0.01	52.23 1.31 0.00	52.86 1.13 0.00	54.93 1.10 0.00	50.14 0.91 0.00	56.98 0.84 0.00	83.16 1.54 -0.84	85.66 2.05 -1.06	75.40 2.16 -0.43	69.66 2.29 0.00	70.90 2.29 0.00	57.20 2.08 0.00	50.64 2.10 0.00
HARDSCRABBLE_WT_PWR 323673	34.40 0.14 0.00	29.91 0.35 0.00	30.90 0.48 0.00	28.41 0.55 0.00	29.68 0.47 0.00	29.58 0.51 0.00	31.57 0.44 0.00	31.21 0.09 0.00	28.60 -0.13 0.00	32.69 -0.47 0.00	43.45 -0.98 0.00	50.14 -1.14 0.00	49.94 -0.99 0.00	50.44 -1.30 0.00	52.89 -0.94 0.00	48.14 -1.10 0.00	54.62 -1.52 0.00	79.08 -1.70 0.00	81.73 -0.82 0.00	72.96 0.14 0.00	67.55 0.17 0.00	68.59 -0.01 0.00	55.05 -0.07 0.00	48.47 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.76 1.45 -0.04	31.03 1.47 0.00	31.82 1.40 0.00	29.16 1.30 0.00	30.37 1.16 0.00	30.25 1.18 0.00	32.25 1.13 0.00	32.11 0.99 0.00	29.70 0.97 0.00	34.34 1.04 -0.15	46.72 1.37 -0.92	53.53 1.69 -0.56	53.71 1.87 -0.91	55.19 2.01 -1.44	57.63 1.84 -1.96	52.36 1.69 -1.44	61.00 2.01 -2.84	86.27 3.39 -2.10	86.14 3.58 0.00	75.73 2.91 0.00	69.41 2.04 0.00	70.62 2.02 0.00	58.02 1.71 -1.20	51.85 1.58 -1.73
HARSNRAD_115KV_TB1 81005	34.38 0.12 0.00	30.15 0.59 0.00	31.17 0.75 0.00	28.28 0.42 0.00	29.81 0.60 0.00	29.50 0.42 0.00	31.80 0.68 0.00	31.61 0.49 0.00	29.06 0.33 0.00	33.62 0.47 0.00	46.27 1.64 -0.21	53.54 2.26 0.00	52.67 1.74 0.00	53.46 1.73 0.00	56.59 2.77 0.00	51.47 2.23 0.00	58.97 2.83 0.00	84.82 4.04 0.00	87.63 5.07 0.00	76.74 3.92 0.00	70.26 2.88 0.00	70.80 2.19 0.00	57.51 2.39 0.00	50.63 2.09 0.00
HARZA MOOSE___RIVER 24016	35.18 0.92 0.00	30.24 0.68 0.00	31.24 0.81 0.00	28.78 0.92 0.00	30.24 1.03 0.00	30.39 1.32 0.00	32.41 1.29 0.00	32.31 1.19 0.00	29.64 0.91 0.00	34.23 1.08 0.00	46.07 1.64 0.00	52.92 1.63 -0.01	52.57 1.64 0.00	53.14 1.41 0.00	55.18 1.36 0.00	50.40 1.17 0.00	57.22 1.08 0.00	83.77 2.16 -0.83	86.59 3.03 -1.00	75.85 2.66 -0.37	69.79 2.42 0.00	70.89 2.28 0.00	57.25 2.14 0.00	50.83 2.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.05 -0.21 0.00	29.48 -0.09 0.00	30.34 -0.08 0.00	27.77 -0.09 0.00	29.08 -0.12 0.00	28.94 -0.13 0.00	31.01 -0.11 0.00	30.90 -0.22 0.00	28.47 -0.25 0.00	32.87 -0.29 0.00	44.20 -0.23 0.00	51.09 -0.20 -0.01	50.74 -0.18 0.00	51.58 -0.16 0.00	53.77 -0.06 0.00	49.19 -0.04 0.00	56.18 0.04 0.00	82.41 0.26 -1.37	85.07 0.75 -1.77	74.23 0.65 -0.76	67.79 0.42 0.00	68.75 0.15 0.00	55.25 0.13 0.00	48.60 0.05 0.00
HELLGATE_13_KV_LD 55870	36.24 1.93 -0.05	31.57 2.00 0.00	32.25 1.83 0.00	29.58 1.72 0.00	30.78 1.57 0.00	30.66 1.59 0.00	32.62 1.50 0.00	32.51 1.39 0.00	30.15 1.43 0.00	34.77 1.45 -0.17	47.29 1.81 -1.05	53.90 1.98 -0.64	53.98 2.01 -1.04	52.80 2.07 0.99	53.99 1.76 1.60	51.26 1.57 -0.46	55.10 1.74 2.79	67.62 2.88 16.04	66.98 3.07 18.64	61.98 2.57 13.41	57.92 1.76 11.21	59.25 1.81 11.16	54.37 1.74 2.49	52.36 1.85 -1.97
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.24 1.93 -0.05	31.57 2.00 0.00	32.25 1.83 0.00	29.58 1.72 0.00	30.78 1.57 0.00	30.66 1.59 0.00	32.62 1.50 0.00	32.51 1.39 0.00	30.15 1.43 0.00	34.77 1.45 -0.17	47.29 1.81 -1.05	53.90 1.98 -0.64	53.98 2.01 -1.04	52.80 2.07 0.99	53.99 1.76 1.60	51.26 1.57 -0.46	55.10 1.74 2.79	67.62 2.88 16.04	66.98 3.07 18.64	61.98 2.57 13.41	57.92 1.76 11.21	59.25 1.81 11.16	54.37 1.74 2.49	52.36 1.85 -1.97
HEMPSTEAD____ 23647	35.62 1.31 -0.05	31.05 1.48 0.00	31.81 1.39 0.00	29.18 1.33 0.00	30.33 1.13 0.00	30.26 1.18 0.00	32.13 1.00 0.00	32.04 0.93 0.00	29.58 0.85 0.00	34.30 0.97 -0.17	46.83 1.35 -1.05	53.13 1.21 -0.64	53.47 1.50 -1.04	55.03 1.65 -1.65	57.05 0.99 -2.23	51.77 0.90 -1.64	60.19 0.81 -3.24	84.72 1.55 -2.39	84.35 1.80 0.00	74.52 1.70 0.00	61.91 0.81 6.27	50.27 1.00 19.33	42.53 1.14 13.72	43.80 1.15 5.89
HICKLING___1 23621	34.71 0.45 0.00	30.17 0.60 0.00	30.98 0.55 0.00	28.26 0.40 0.00	29.67 0.47 0.00	29.43 0.36 0.00	31.78 0.66 0.00	31.55 0.44 0.00	29.10 0.37 0.00	33.46 0.30 0.00	44.24 0.54 0.73	52.28 0.99 -0.01	51.76 0.84 0.00	52.55 0.81 0.00	55.11 1.28 0.00	50.20 0.97 0.00	57.65 1.51 0.00	84.34 2.73 -0.83	87.48 3.86 -1.06	76.36 3.08 -0.46	69.97 2.59 0.00	70.57 1.97 0.00	57.04 1.93 0.00	50.05 1.51 0.00
HICKLING___2 23622	34.71 0.45 0.00	30.17 0.60 0.00	30.98 0.55 0.00	28.26 0.40 0.00	29.67 0.47 0.00	29.43 0.36 0.00	31.78 0.66 0.00	31.55 0.44 0.00	29.10 0.37 0.00	33.46 0.30 0.00	44.24 0.54 0.73	52.28 0.99 -0.01	51.76 0.84 0.00	52.55 0.81 0.00	55.11 1.28 0.00	50.20 0.97 0.00	57.65 1.51 0.00	84.34 2.73 -0.83	87.48 3.86 -1.06	76.36 3.08 -0.46	69.97 2.59 0.00	70.57 1.97 0.00	57.04 1.93 0.00	50.05 1.51 0.00
HIGH FALLS___HY 23754	36.06 1.77 -0.03	31.25 1.68 0.00	32.01 1.59 0.00	29.35 1.49 0.00	30.55 1.35 0.00	30.44 1.37 0.00	32.46 1.34 0.00	32.34 1.22 0.00	29.93 1.21 0.00	34.59 1.34 -0.09	46.83 1.83 -0.57	53.78 2.15 -0.35	53.89 2.39 -0.57	55.16 2.53 -0.90	57.28 2.23 -1.22	52.03 1.90 -0.90	60.42 2.51 -1.76	86.29 4.20 -1.30	87.35 4.79 0.00	76.75 3.93 0.00	70.41 3.04 0.00	71.58 2.98 0.00	58.27 2.41 -0.75	51.71 2.09 -1.07
HIGH_RIVER___SOLAR 323847	35.44 1.22 0.03	30.72 1.15 0.00	31.65 1.23 0.00	29.03 1.17 0.00	30.36 1.15 0.00	30.23 1.16 0.00	32.31 1.20 0.00	32.18 1.06 0.00	29.58 0.86 0.00	33.74 0.70 0.11	44.37 0.61 0.67	51.57 0.69 0.41	50.86 0.60 0.67	51.22 0.55 1.06	53.27 0.88 1.44	48.91 0.73 1.06	54.39 0.33 2.08	80.33 1.09 1.54	84.59 2.04 0.00	75.44 2.62 0.00	69.84 2.47 0.00	71.15 2.55 0.00	56.23 1.99 0.88	49.03 1.75 1.26
HILLBURN___GT 23639	35.66 1.36 -0.05	30.95 1.38 0.00	31.73 1.31 0.00	29.08 1.22 0.00	30.26 1.06 0.00	30.16 1.08 0.00	32.13 1.01 0.00	32.00 0.88 0.00	29.61 0.88 0.00	34.22 0.91 -0.15	46.57 1.19 -0.95	53.33 1.47 -0.58	53.57 1.71 -0.94	55.02 1.80 -1.49	57.42 1.58 -2.02	52.12 1.41 -1.49	60.65 1.57 -2.93	85.63 2.68 -2.16	85.37 2.81 0.00	75.02 2.20 0.00	68.79 1.41 0.00	70.04 1.43 0.00	57.66 1.31 -1.24	51.62 1.30 -1.78
HILLSIDE_115KV_TB1 80332	34.12 -0.14 0.00	29.64 0.07 0.00	30.43 0.01 0.00	27.81 -0.05 0.00	29.20 0.00 0.00	29.00 -0.07 0.00	31.29 0.17 0.00	31.03 -0.09 0.00	28.66 -0.06 0.00	32.95 -0.21 0.00	43.81 -0.18 0.44	51.43 0.14 -0.01	50.92 -0.01 0.00	51.75 0.01 0.00	54.23 0.40 0.00	49.41 0.18 0.00	56.66 0.52 0.00	82.86 1.22 -0.86	85.76 2.10 -1.10	74.64 1.34 -0.47	68.37 1.00 0.00	69.04 0.44 0.00	55.90 0.79 0.00	49.09 0.55 0.00

HISHELDN_WT_PWR 323625	34.50 0.24 0.00	30.14 0.57 0.00	31.11 0.69 0.00	28.22 0.36 0.00	29.68 0.47 0.00	29.40 0.32 0.00	31.79 0.68 0.00	31.56 0.44 0.00	28.95 0.22 0.00	33.37 0.22 0.00	41.30 0.99 4.12	52.93 1.65 0.00	52.20 1.27 0.00	53.00 1.27 0.00	55.94 2.11 0.00	50.89 1.66 0.00	58.40 2.26 0.00	84.23 3.45 0.00	87.21 4.66 0.00	76.66 3.84 0.00	70.42 3.04 0.00	70.99 2.38 0.00	57.51 2.40 0.00	50.64 2.10 0.00
HOLTSVILLE_IC_1 23690	35.50 1.19 -0.05	30.98 1.42 0.00	31.78 1.36 0.00	29.24 1.38 0.00	30.34 1.13 0.00	30.31 1.24 0.00	32.05 0.93 0.00	31.96 0.84 0.00	29.41 0.68 0.00	34.15 0.82 -0.17	46.65 1.17 -1.05	52.54 0.62 -0.64	52.87 0.90 -1.04	54.38 1.22 -1.43	56.05 0.32 -1.90	51.16 0.37 -1.56	59.00 0.20 -2.66	80.26 0.15 0.67	80.64 0.43 2.35	73.46 0.64 0.00	53.98 -0.11 13.29	26.84 0.33 42.09	24.40 0.57 31.29	34.29 0.62 14.87
HOLTSVILLE_IC_10 23699	35.68 1.36 -0.05	31.13 1.57 0.00	31.91 1.49 0.00	29.37 1.51 0.00	30.47 1.26 0.00	30.46 1.39 0.00	32.18 1.06 0.00	32.10 0.99 0.00	29.55 0.82 0.00	34.34 1.01 -0.17	46.95 1.47 -1.05	52.91 0.99 -0.64	53.28 1.31 -1.04	54.79 1.69 -1.36	56.40 0.78 -1.80	51.55 0.79 -1.54	59.30 0.67 -2.48	79.96 0.78 1.60	80.58 1.09 3.06	74.07 1.25 0.00	54.65 0.45 13.18	27.56 0.89 41.93	25.02 1.01 31.10	34.78 0.96 14.73
HOLTSVILLE_IC_2 23691	35.50 1.19 -0.05	30.98 1.42 0.00	31.78 1.36 0.00	29.24 1.38 0.00	30.34 1.13 0.00	30.31 1.24 0.00	32.05 0.93 0.00	31.96 0.84 0.00	29.41 0.68 0.00	34.15 0.82 -0.17	46.65 1.17 -1.05	52.54 0.62 -0.64	52.87 0.90 -1.04	54.38 1.22 -1.43	56.05 0.32 -1.90	51.16 0.37 -1.56	59.00 0.20 -2.66	80.26 0.15 0.67	80.64 0.43 2.35	73.46 0.64 0.00	53.98 -0.11 13.29	26.84 0.33 42.09	24.40 0.57 31.29	34.29 0.62 14.87
HOLTSVILLE_IC_3 23692	35.50 1.19 -0.05	30.98 1.42 0.00	31.78 1.36 0.00	29.24 1.38 0.00	30.34 1.13 0.00	30.31 1.24 0.00	32.05 0.93 0.00	31.96 0.84 0.00	29.41 0.68 0.00	34.15 0.82 -0.17	46.65 1.17 -1.05	52.54 0.62 -0.64	52.87 0.90 -1.04	54.38 1.22 -1.43	56.05 0.32 -1.90	51.16 0.37 -1.56	59.00 0.20 -2.66	80.26 0.15 0.67	80.64 0.43 2.35	73.46 0.64 0.00	53.98 -0.11 13.29	26.84 0.33 42.09	24.40 0.57 31.29	34.29 0.62 14.87
HOLTSVILLE_IC_4 23693	35.50 1.19 -0.05	30.98 1.42 0.00	31.78 1.36 0.00	29.24 1.38 0.00	30.34 1.13 0.00	30.31 1.24 0.00	32.05 0.93 0.00	31.96 0.84 0.00	29.41 0.68 0.00	34.15 0.82 -0.17	46.65 1.17 -1.05	52.54 0.62 -0.64	52.87 0.90 -1.04	54.38 1.22 -1.43	56.05 0.32 -1.90	51.16 0.37 -1.56	59.00 0.20 -2.66	80.26 0.15 0.67	80.64 0.43 2.35	73.46 0.64 0.00	53.98 -0.11 13.29	26.84 0.33 42.09	24.40 0.57 31.29	34.29 0.62 14.87
HOLTSVILLE_IC_5 23694	35.50 1.19 -0.05	30.98 1.42 0.00	31.78 1.36 0.00	29.24 1.38 0.00	30.34 1.13 0.00	30.31 1.24 0.00	32.05 0.93 0.00	31.96 0.84 0.00	29.41 0.68 0.00	34.15 0.82 -0.17	46.65 1.17 -1.05	52.54 0.62 -0.64	52.87 0.90 -1.04	54.38 1.22 -1.43	56.05 0.32 -1.90	51.16 0.37 -1.56	59.00 0.20 -2.66	80.26 0.15 0.67	80.64 0.43 2.35	73.46 0.64 0.00	53.98 -0.11 13.29	26.84 0.33 42.09	24.40 0.57 31.29	34.29 0.62 14.87
HOLTSVILLE_IC_6 23695	35.68 1.36 -0.05	31.13 1.57 0.00	31.91 1.49 0.00	29.37 1.51 0.00	30.47 1.26 0.00	30.46 1.39 0.00	32.18 1.06 0.00	32.10 0.99 0.00	29.55 0.82 0.00	34.34 1.01 -0.17	46.95 1.47 -1.05	52.91 0.99 -0.64	53.28 1.31 -1.04	54.79 1.69 -1.36	56.40 0.78 -1.80	51.55 0.79 -1.54	59.30 0.67 -2.48	79.96 0.78 1.60	80.58 1.09 3.06	74.07 1.25 0.00	54.65 0.45 13.18	27.56 0.89 41.93	25.02 1.01 31.10	34.78 0.96 14.73
HOLTSVILLE_IC_7 23696	35.68 1.36 -0.05	31.13 1.57 0.00	31.91 1.49 0.00	29.37 1.51 0.00	30.47 1.26 0.00	30.46 1.39 0.00	32.18 1.06 0.00	32.10 0.99 0.00	29.55 0.82 0.00	34.34 1.01 -0.17	46.95 1.47 -1.05	52.91 0.99 -0.64	53.28 1.31 -1.04	54.79 1.69 -1.36	56.40 0.78 -1.80	51.55 0.79 -1.54	59.30 0.67 -2.48	79.96 0.78 1.60	80.58 1.09 3.06	74.07 1.25 0.00	54.65 0.45 13.18	27.56 0.89 41.93	25.02 1.01 31.10	34.78 0.96 14.73
HOLTSVILLE_IC_8 23697	35.68 1.36 -0.05	31.13 1.57 0.00	31.91 1.49 0.00	29.37 1.51 0.00	30.47 1.26 0.00	30.46 1.39 0.00	32.18 1.06 0.00	32.10 0.99 0.00	29.55 0.82 0.00	34.34 1.01 -0.17	46.95 1.47 -1.05	52.91 0.99 -0.64	53.28 1.31 -1.04	54.79 1.69 -1.36	56.40 0.78 -1.80	51.55 0.79 -1.54	59.30 0.67 -2.48	79.96 0.78 1.60	80.58 1.09 3.06	74.07 1.25 0.00	54.65 0.45 13.18	27.56 0.89 41.93	25.02 1.01 31.10	34.78 0.96 14.73
HOLTSVILLE_IC_9 23698	35.68 1.36 -0.05	31.13 1.57 0.00	31.91 1.49 0.00	29.37 1.51 0.00	30.47 1.26 0.00	30.46 1.39 0.00	32.18 1.06 0.00	32.10 0.99 0.00	29.55 0.82 0.00	34.34 1.01 -0.17	46.95 1.47 -1.05	52.91 0.99 -0.64	53.28 1.31 -1.04	54.79 1.69 -1.36	56.40 0.78 -1.80	51.55 0.79 -1.54	59.30 0.67 -2.48	79.96 0.78 1.60	80.58 1.09 3.06	74.07 1.25 0.00	54.65 0.45 13.18	27.56 0.89 41.93	25.02 1.01 31.10	34.78 0.96 14.73
HOMER_HL_115KV_TB2 355744	34.59 0.32 0.00	30.16 0.59 0.00	31.09 0.67 0.00	28.20 0.34 0.00	29.67 0.46 0.00	29.43 0.36 0.00	31.76 0.64 0.00	31.64 0.52 0.00	29.18 0.46 0.00	33.42 0.26 0.00	45.67 0.82 -0.42	52.78 1.50 0.00	51.87 0.94 0.00	52.65 0.92 0.00	55.68 1.85 0.00	50.49 1.26 0.00	57.95 1.80 0.00	83.80 3.02 0.00	86.49 3.93 0.00	75.51 2.69 0.00	69.30 1.93 0.00	69.83 1.22 0.00	56.85 1.74 0.00	50.11 1.57 0.00
HOWARD_WT_PWR 323690	34.70 0.43 0.00	30.19 0.62 0.00	30.98 0.56 0.00	28.14 0.28 0.00	29.49 0.28 0.00	29.22 0.15 0.00	31.53 0.40 0.00	31.37 0.25 0.00	28.86 0.14 0.00	33.16 0.00 -2.39	47.09 0.27 -0.01	51.99 0.70 0.00	51.20 0.27 0.00	52.00 0.26 0.00	54.36 0.53 0.00	49.27 0.04 0.00	56.73 0.58 0.00	83.30 1.90 -0.62	87.14 3.79 -0.80	76.69 3.53 -0.34	70.68 3.31 0.00	71.31 2.70 0.00	57.38 2.26 0.00	50.26 1.72 0.00
HQ_GEN_CEDARS 23644	34.77 0.51 0.00	29.69 0.12 0.00	30.41 -0.01 0.00	27.72 -0.14 0.00	29.23 0.02 0.00	29.10 0.03 0.00	31.22 0.10 0.00	31.63 0.51 0.00	29.30 0.58 0.00	33.96 0.81 0.00	45.56 1.13 0.00	52.46 1.18 0.00	51.93 1.00 0.00	52.69 0.96 0.00	54.95 1.13 0.00	50.26 1.03 0.00	57.20 1.06 0.00	81.98 1.20 0.00	83.35 0.80 0.00	73.63 0.81 0.00	68.46 1.09 0.00	69.82 1.21 0.00	56.13 1.01 0.00	49.19 0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	34.77 0.51 0.00	29.69 0.12 0.00	30.61 -0.01 -0.19	27.37 -0.14 0.35	29.23 0.02 0.00	29.10 0.03 0.00	31.22 0.10 0.00	30.16 0.51 1.47	29.30 0.58 0.00	33.96 0.81 0.00	45.56 1.13 0.00	52.46 1.18 0.00	51.93 1.00 0.00	52.69 0.96 0.00	54.95 1.13 0.00	50.26 1.03 0.00	57.20 1.06 0.00	81.98 1.20 0.00	83.35 0.80 0.00	73.64 0.82 0.00	68.46 1.09 0.00	69.82 1.21 0.00	56.13 1.01 0.00	49.19 0.65 0.00

HQ_GEN_IMPORT 323601	34.36 0.10 0.00	29.43 -0.14 0.00	30.38 -0.19 -0.15	27.48 -0.28 0.10	29.04 -0.17 0.00	28.89 -0.19 0.00	30.97 -0.15 0.00	31.25 0.13 0.00	28.94 0.21 0.00	33.52 0.36 0.00	44.87 0.44 0.00	51.74 0.46 0.00	51.34 0.41 0.00	52.11 0.38 0.00	54.27 0.45 0.00	49.66 0.43 0.00	56.62 0.47 0.00	81.20 0.42 0.00	82.48 -0.07 0.00	72.72 -0.10 0.00	67.66 0.28 0.00	69.00 0.40 0.00	55.36 0.24 0.00	48.69 0.14 0.00
HQ_GEN_WHEEL 23651	34.36 0.10 0.00	29.43 -0.14 0.00	30.38 -0.19 -0.15	27.48 -0.28 0.10	29.04 -0.17 0.00	28.89 -0.19 0.00	30.97 -0.15 0.00	31.25 0.13 0.00	28.94 0.21 0.00	33.52 0.36 0.00	44.87 0.44 0.00	51.74 0.46 0.00	51.34 0.41 0.00	52.11 0.38 0.00	54.27 0.45 0.00	49.66 0.43 0.00	56.62 0.47 0.00	81.20 0.42 0.00	82.48 -0.07 0.00	72.72 -0.10 0.00	67.66 0.28 0.00	69.00 0.40 0.00	55.36 0.24 0.00	48.69 0.14 0.00
HUDSON AVE_GT_3 23810	36.02 1.71 -0.05	31.32 1.75 0.00	32.10 1.68 0.00	29.42 1.56 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.47 1.35 0.00	32.33 1.21 0.00	29.96 1.24 0.00	34.63 1.30 -0.17	47.14 1.66 -1.05	53.80 1.88 -0.64	53.99 2.02 -1.04	55.50 2.12 -1.65	57.86 1.80 -2.23	52.46 1.58 -1.64	61.13 1.75 -3.24	86.05 2.88 -2.39	85.63 3.08 0.00	75.39 2.57 0.00	69.13 1.75 0.00	70.41 1.81 0.00	58.25 1.77 -1.37	52.25 1.74 -1.97
HUDSON AVE_GT_4 23540	36.02 1.71 -0.05	31.32 1.75 0.00	32.10 1.68 0.00	29.42 1.56 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.47 1.35 0.00	32.33 1.21 0.00	29.96 1.24 0.00	34.63 1.30 -0.17	47.14 1.66 -1.05	53.80 1.88 -0.64	53.99 2.02 -1.04	55.50 2.12 -1.65	57.86 1.80 -2.23	52.46 1.58 -1.64	61.13 1.75 -3.24	86.05 2.88 -2.39	85.63 3.08 0.00	75.39 2.57 0.00	69.13 1.75 0.00	70.41 1.81 0.00	58.25 1.77 -1.37	52.25 1.74 -1.97
HUDSON AVE_GT_5 23657	36.02 1.71 -0.05	31.32 1.75 0.00	32.10 1.68 0.00	29.42 1.56 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.47 1.35 0.00	32.33 1.21 0.00	29.96 1.24 0.00	34.63 1.30 -0.17	47.14 1.66 -1.05	53.80 1.88 -0.64	53.99 2.02 -1.04	55.50 2.12 -1.65	57.86 1.80 -2.23	52.46 1.58 -1.64	61.13 1.75 -3.24	86.05 2.88 -2.39	85.63 3.08 0.00	75.39 2.57 0.00	69.13 1.75 0.00	70.41 1.81 0.00	58.25 1.77 -1.37	52.25 1.74 -1.97
HUDSON_AVE_10 24168	35.94 1.63 -0.05	31.25 1.68 0.00	32.03 1.61 0.00	29.35 1.50 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.25 1.13 0.00	29.90 1.17 0.00	34.54 1.21 -0.17	46.98 1.50 -1.05	53.63 1.71 -0.64	53.81 1.84 -1.04	55.32 1.94 -1.65	57.66 1.60 -2.23	52.29 1.42 -1.64	60.94 1.55 -3.24	85.77 2.60 -2.39	85.35 2.79 0.00	75.13 2.30 0.00	68.89 1.52 0.00	70.20 1.60 0.00	58.11 1.63 -1.37	52.13 1.62 -1.97
HUDSON___115KV_TB 4 355613	34.70 0.47 0.03	30.32 0.75 0.00	31.26 0.83 0.00	28.72 0.87 0.00	29.97 0.77 0.00	29.84 0.77 0.00	31.84 0.72 0.00	31.57 0.45 0.00	29.01 0.28 0.00	33.16 0.10 0.09	43.76 -0.12 0.55	50.85 -0.10 0.34	50.12 -0.26 0.55	50.88 0.02 0.87	52.28 -0.37 1.18	48.11 -0.25 0.87	53.89 -0.54 1.71	78.85 -0.67 1.26	82.59 0.03 0.00	73.48 0.66 0.00	67.70 0.32 0.00	68.98 0.38 0.00	54.62 0.23 0.72	47.69 0.19 1.04
HUNTER MOUNT___DRP 323613	34.88 0.63 0.02	30.40 0.83 0.00	31.34 0.91 0.00	28.80 0.94 0.00	30.07 0.86 0.00	29.94 0.86 0.00	31.95 0.83 0.00	31.68 0.57 0.00	29.14 0.41 0.00	33.39 0.29 0.06	44.24 0.16 0.35	51.27 0.20 0.21	50.61 0.02 0.34	51.54 0.35 0.55	53.06 -0.02 0.74	48.85 0.16 0.54	54.93 -0.14 1.07	80.10 0.10 0.79	83.30 0.74 0.00	74.01 1.19 0.00	68.20 0.83 0.00	69.48 0.88 0.00	55.27 0.61 0.45	48.35 0.46 0.65
HUNTINGTON_RES_REC 323705	35.53 1.22 -0.05	31.00 1.43 0.00	31.76 1.34 0.00	29.18 1.32 0.00	30.31 1.10 0.00	30.27 1.20 0.00	32.06 0.94 0.00	31.96 0.84 0.00	29.40 0.68 0.00	34.18 0.86 -0.17	46.73 1.25 -1.05	52.68 0.76 -0.64	53.06 1.09 -1.04	53.88 1.33 -0.82	55.28 0.48 -0.97	51.10 0.54 -1.34	57.54 0.37 -1.02	72.00 0.46 9.24	74.40 0.79 8.94	73.87 1.04 0.00	54.34 0.10 13.13	25.44 0.24 43.41	23.85 0.47 31.74	34.48 0.61 14.68
HUNTLEY___63 23557	34.93 0.67 0.00	30.60 1.04 0.00	31.61 1.19 0.00	28.69 0.83 0.00	30.23 1.02 0.00	29.89 0.81 0.00	32.20 1.08 0.00	31.98 0.86 0.00	29.42 0.70 0.00	34.11 0.95 0.00	46.92 2.29 -0.20	54.47 3.19 0.00	53.76 2.84 0.00	54.62 2.88 0.00	57.86 4.04 0.00	52.58 3.34 0.00	60.21 4.07 0.00	86.48 5.69 0.00	89.26 6.71 0.00	78.11 5.29 0.00	71.52 4.15 0.00	72.04 3.44 0.00	58.55 3.43 0.00	51.52 2.98 0.00
HUNTLEY___64 23558	34.93 0.67 0.00	30.60 1.04 0.00	31.61 1.19 0.00	28.69 0.83 0.00	30.23 1.02 0.00	29.89 0.81 0.00	32.20 1.08 0.00	31.98 0.86 0.00	29.42 0.70 0.00	34.11 0.95 0.00	46.92 2.29 -0.20	54.47 3.19 0.00	53.76 2.84 0.00	54.62 2.88 0.00	57.86 4.04 0.00	52.58 3.34 0.00	60.21 4.07 0.00	86.48 5.69 0.00	89.26 6.71 0.00	78.11 5.29 0.00	71.52 4.15 0.00	72.04 3.44 0.00	58.55 3.43 0.00	51.52 2.98 0.00
HUNTLEY___65 23559	34.93 0.67 0.00	30.60 1.04 0.00	31.61 1.19 0.00	28.69 0.83 0.00	30.23 1.02 0.00	29.89 0.81 0.00	32.20 1.08 0.00	31.98 0.86 0.00	29.42 0.70 0.00	34.11 0.95 0.00	46.92 2.29 -0.20	54.47 3.19 0.00	53.76 2.84 0.00	54.62 2.88 0.00	57.86 4.04 0.00	52.58 3.34 0.00	60.21 4.07 0.00	86.48 5.69 0.00	89.26 6.71 0.00	78.11 5.29 0.00	71.52 4.15 0.00	72.04 3.44 0.00	58.55 3.43 0.00	51.52 2.98 0.00
HUNTLEY___66 23560	34.93 0.67 0.00	30.60 1.04 0.00	31.61 1.19 0.00	28.69 0.83 0.00	30.23 1.02 0.00	29.89 0.81 0.00	32.20 1.08 0.00	31.98 0.86 0.00	29.42 0.70 0.00	34.11 0.95 0.00	46.92 2.29 -0.20	54.47 3.19 0.00	53.76 2.84 0.00	54.62 2.88 0.00	57.86 4.04 0.00	52.58 3.34 0.00	60.21 4.07 0.00	86.48 5.69 0.00	89.26 6.71 0.00	78.11 5.29 0.00	71.52 4.15 0.00	72.04 3.44 0.00	58.55 3.43 0.00	51.52 2.98 0.00
HUNTLEY___67 23561	34.56 0.30 0.00	30.24 0.67 0.00	31.25 0.83 0.00	28.36 0.50 0.00	29.88 0.68 0.00	29.58 0.50 0.00	31.89 0.77 0.00	31.68 0.56 0.00	29.13 0.40 0.00	33.75 0.59 0.00	46.35 1.74 -0.18	53.78 2.50 0.00	53.06 2.13 0.00	53.88 2.15 0.00	57.05 3.22 0.00	51.95 2.72 0.00	59.55 3.41 0.00	85.70 4.91 0.00	88.43 5.88 0.00	77.36 4.54 0.00	70.77 3.40 0.00	71.32 2.72 0.00	57.84 2.72 0.00	50.91 2.37 0.00
HUNTLEY___68 23562	34.56 0.30 0.00	30.24 0.67 0.00	31.25 0.83 0.00	28.36 0.50 0.00	29.88 0.68 0.00	29.58 0.50 0.00	31.89 0.77 0.00	31.68 0.56 0.00	29.13 0.40 0.00	33.75 0.59 0.00	46.35 1.74 -0.18	53.78 2.50 0.00	53.06 2.13 0.00	53.88 2.15 0.00	57.05 3.22 0.00	51.95 2.72 0.00	59.55 3.41 0.00	85.70 4.91 0.00	88.43 5.88 0.00	77.36 4.54 0.00	70.77 3.40 0.00	71.32 2.72 0.00	57.84 2.72 0.00	50.91 2.37 0.00

HYLAND___LFGE 323620	36.72 2.46 0.00	32.01 2.45 0.00	32.92 2.50 0.00	29.93 2.08 0.00	31.41 2.20 0.00	31.13 2.06 0.00	33.57 2.45 0.00	33.45 2.33 0.00	30.64 1.92 0.00	34.95 1.80 0.00	49.87 2.55 -2.89	53.01 1.73 0.00	51.95 1.02 0.00	52.92 1.18 0.00	55.59 1.77 0.00	50.73 1.49 0.00	58.35 2.21 0.00	84.26 3.48 0.00	87.53 4.98 0.00	78.58 5.75 0.00	73.69 6.32 0.00	74.65 6.04 0.00	59.86 4.75 0.00	52.31 3.77 0.00
INDECK___CORINTH 23802	35.54 1.32 0.04	30.98 1.41 0.00	32.63 2.21 0.00	29.96 2.10 0.00	31.20 2.00 0.00	30.92 1.85 0.00	33.06 1.94 0.00	32.40 1.28 0.00	29.71 0.98 0.00	33.78 0.77 0.15	44.09 0.56 0.90	51.47 0.74 0.55	50.52 0.48 0.89	50.68 0.37 1.42	52.27 0.36 1.92	48.16 0.34 1.41	53.80 0.45 2.79	80.25 1.53 2.06	85.70 3.15 0.00	75.87 3.05 0.00	69.95 2.57 0.00	71.19 2.59 0.00	55.76 1.82 1.18	48.44 1.59 1.69
INDECK___ILION 23567	34.37 0.11 0.00	29.81 0.24 0.00	30.75 0.32 0.00	28.24 0.38 0.00	29.53 0.32 0.00	29.41 0.34 0.00	31.43 0.30 0.00	31.19 0.07 0.00	28.68 -0.05 0.00	32.92 -0.23 0.00	43.93 -0.50 0.00	50.71 -0.57 0.00	50.46 -0.46 0.00	51.10 -0.63 0.00	53.36 -0.47 0.00	48.69 -0.54 0.00	55.43 -0.71 0.00	80.05 -0.73 0.00	82.36 -0.20 0.00	73.09 0.26 0.00	67.57 0.19 0.00	68.67 0.07 0.00	55.13 0.01 0.00	48.56 0.02 0.00
INDECK___OLEAN 23982	34.59 0.32 0.00	30.16 0.60 0.00	31.09 0.67 0.00	28.20 0.34 0.00	29.68 0.47 0.00	29.43 0.36 0.00	31.76 0.64 0.00	31.64 0.53 0.00	29.18 0.46 0.00	33.42 0.26 0.00	45.67 0.82 -0.42	52.78 1.50 0.00	51.86 0.93 0.00	52.65 0.92 0.00	55.68 1.85 0.00	50.50 1.27 0.00	57.96 1.82 0.00	83.79 3.01 0.00	86.49 3.94 0.00	75.52 2.70 0.00	69.29 1.92 0.00	69.83 1.22 0.00	56.86 1.75 0.00	50.11 1.57 0.00
INDECK___OSWEGO 23783	33.59 -0.67 0.00	29.13 -0.44 0.00	29.99 -0.43 0.00	27.47 -0.38 0.00	28.78 -0.43 0.00	28.67 -0.41 0.00	30.69 -0.43 0.00	30.59 -0.53 0.00	28.17 -0.56 0.00	32.53 -0.63 0.00	43.71 -0.72 0.00	50.50 -0.84 -0.05	50.06 -0.87 0.00	50.58 -1.15 0.00	52.50 -1.32 0.00	48.01 -1.22 0.00	54.75 -1.40 0.00	84.89 -1.84 -5.95	88.79 -1.44 -7.67	74.97 -1.16 -3.31	66.25 -1.13 0.00	67.28 -1.32 0.00	54.13 -0.98 0.00	47.97 -0.57 0.00
INDECK___YERKES 23781	34.97 0.70 0.00	30.65 1.09 0.00	31.65 1.22 0.00	28.73 0.87 0.00	30.26 1.05 0.00	29.92 0.84 0.00	32.24 1.12 0.00	32.02 0.90 0.00	29.46 0.73 0.00	34.15 0.99 0.00	46.97 2.34 -0.20	54.54 3.26 0.00	53.83 2.90 0.00	54.68 2.94 0.00	57.92 4.09 0.00	52.61 3.38 0.00	60.24 4.09 0.00	86.49 5.71 0.00	89.27 6.72 0.00	78.11 5.29 0.00	71.52 4.14 0.00	72.05 3.45 0.00	58.60 3.49 0.00	51.58 3.04 0.00
INDIAN POINT_GT_1 24139	35.59 1.28 -0.05	30.92 1.36 0.00	31.72 1.30 0.00	29.08 1.22 0.00	30.27 1.06 0.00	30.16 1.09 0.00	32.13 1.01 0.00	31.97 0.85 0.00	29.58 0.85 0.00	34.19 0.86 -0.17	46.56 1.10 -1.03	53.21 1.31 -0.63	53.43 1.48 -1.02	54.92 1.57 -1.62	57.30 1.28 -2.19	51.97 1.13 -1.61	60.57 1.24 -3.18	85.31 2.18 -2.35	84.90 2.35 0.00	74.71 1.89 0.00	68.52 1.14 0.00	69.80 1.19 0.00	57.62 1.16 -1.34	51.66 1.18 -1.93
INDIAN POINT_GT_2 23659	35.59 1.28 -0.05	30.92 1.36 0.00	31.72 1.30 0.00	29.08 1.22 0.00	30.27 1.06 0.00	30.16 1.09 0.00	32.13 1.01 0.00	31.97 0.85 0.00	29.58 0.85 0.00	34.19 0.86 -0.17	46.56 1.10 -1.03	53.21 1.31 -0.63	53.43 1.48 -1.02	54.92 1.57 -1.62	57.30 1.28 -2.19	51.97 1.13 -1.61	60.57 1.24 -3.18	85.31 2.18 -2.35	84.90 2.35 0.00	74.71 1.89 0.00	68.52 1.14 0.00	69.80 1.19 0.00	57.62 1.16 -1.34	51.66 1.18 -1.93
INDIAN POINT_GT_3 24019	35.59 1.28 -0.05	30.92 1.36 0.00	31.72 1.30 0.00	29.08 1.22 0.00	30.27 1.06 0.00	30.16 1.09 0.00	32.13 1.01 0.00	31.97 0.85 0.00	29.58 0.85 0.00	34.19 0.86 -0.17	46.56 1.10 -1.03	53.21 1.31 -0.63	53.43 1.48 -1.02	54.92 1.57 -1.62	57.30 1.28 -2.19	51.97 1.13 -1.61	60.57 1.24 -3.18	85.31 2.18 -2.35	84.90 2.35 0.00	74.71 1.89 0.00	68.52 1.14 0.00	69.80 1.19 0.00	57.62 1.16 -1.34	51.66 1.18 -1.93
INDIAN POINT___2 23530	35.58 1.27 -0.05	30.90 1.33 0.00	31.69 1.27 0.00	29.05 1.19 0.00	30.24 1.03 0.00	30.13 1.06 0.00	32.10 0.98 0.00	31.96 0.84 0.00	29.55 0.83 0.00	34.16 0.84 -0.16	46.51 1.08 -1.00	53.17 1.29 -0.61	53.38 1.47 -0.99	54.86 1.56 -1.57	57.24 1.29 -2.12	51.92 1.13 -1.56	60.47 1.24 -3.09	85.22 2.16 -2.28	84.87 2.32 0.00	74.65 1.83 0.00	68.45 1.08 0.00	69.73 1.12 0.00	57.52 1.10 -1.30	51.55 1.14 -1.87
INDIAN POINT___3 23531	35.54 1.23 -0.05	30.87 1.31 0.00	31.68 1.25 0.00	29.04 1.18 0.00	30.23 1.02 0.00	30.13 1.06 0.00	32.10 0.97 0.00	31.94 0.82 0.00	29.54 0.81 0.00	34.14 0.81 -0.17	46.50 1.03 -1.03	53.13 1.22 -0.63	53.36 1.40 -1.02	54.84 1.49 -1.62	57.23 1.21 -2.20	51.91 1.06 -1.62	60.51 1.17 -3.19	85.18 2.05 -2.35	84.74 2.18 0.00	74.55 1.74 0.00	68.38 1.00 0.00	69.64 1.04 0.00	57.49 1.03 -1.35	51.54 1.06 -1.93
INGHAM_C_115KV_TB7 356103	34.35 0.09 0.00	29.92 0.36 0.00	30.94 0.52 0.00	28.49 0.63 0.00	29.72 0.51 0.00	29.61 0.53 0.00	31.59 0.47 0.00	31.15 0.04 0.00	28.52 -0.20 0.00	32.53 -0.63 0.00	43.15 -1.28 0.00	49.76 -1.52 0.00	49.62 -1.31 0.00	50.02 -1.72 0.00	52.50 -1.33 0.00	47.73 -1.50 0.00	54.25 -1.89 0.00	78.66 -2.12 0.00	81.51 -1.05 0.00	72.95 0.12 0.00	67.53 0.16 0.00	68.54 -0.07 0.00	54.89 -0.22 0.00	48.30 -0.25 0.00
IP CORINTH___1 23988	35.73 1.51 0.04	31.14 1.57 0.00	32.66 2.24 0.00	29.96 2.10 0.00	31.22 2.01 0.00	30.97 1.90 0.00	33.10 1.98 0.00	32.53 1.40 0.00	29.86 1.13 0.00	33.97 0.97 0.15	44.36 0.83 0.90	51.78 1.05 0.55	50.83 0.79 0.89	50.99 0.68 1.42	52.59 0.68 1.92	48.45 0.64 1.41	54.15 0.79 2.79	80.74 2.02 2.06	86.20 3.64 0.00	76.30 3.48 0.00	70.35 2.98 0.00	71.60 2.99 0.00	56.08 2.15 1.18	48.73 1.88 1.69
IP___TICONDEROGA 23804	37.97 3.75 0.04	33.18 3.61 0.00	34.45 4.03 0.00	31.35 3.49 0.00	32.57 3.36 0.00	32.46 3.39 0.00	34.84 3.72 0.00	34.30 3.18 0.00	31.53 2.81 0.00	35.69 2.69 0.15	46.58 3.08 0.92	54.57 3.85 0.56	53.27 3.25 0.92	53.34 3.06 1.45	54.85 2.98 1.97	50.19 2.41 1.45	56.66 3.37 2.86	85.18 6.50 2.11	90.76 8.21 0.00	80.45 7.63 0.00	74.20 6.82 0.00	75.71 7.11 0.00	59.35 5.44 1.21	51.63 4.82 1.73
ISLIP_RES_REC 323679	35.86 1.55 -0.05	31.28 1.71 0.00	32.05 1.63 0.00	29.50 1.64 0.00	30.60 1.39 0.00	30.58 1.51 0.00	32.33 1.21 0.00	32.26 1.14 0.00	29.70 0.97 0.00	34.53 1.20 -0.17	47.22 1.74 -1.05	53.24 1.32 -0.64	53.64 1.68 -1.04	55.21 2.11 -1.37	56.83 1.19 -1.81	51.94 1.16 -1.54	59.75 1.11 -2.50	80.65 1.37 1.51	81.31 1.75 2.99	74.66 1.84 0.00	55.26 0.99 13.10	28.33 1.41 41.68	25.60 1.40 30.91	35.20 1.29 14.63

JAMAICA__27_KV_LOAD 355505	36.23 1.92 -0.05	31.50 1.93 0.00	32.28 1.86 0.00	29.59 1.73 0.00	30.78 1.57 0.00	30.66 1.59 0.00	32.64 1.52 0.00	32.49 1.37 0.00	30.13 1.40 0.00	34.77 1.44 -0.17	47.22 1.74 -1.05	53.90 1.98 -0.64	54.10 2.13 -1.04	55.70 2.32 -1.65	58.11 2.05 -2.23	52.71 1.84 -1.64	61.37 1.99 -3.24	86.48 3.31 -2.39	86.14 3.59 0.00	75.77 2.95 0.00	69.49 2.11 0.00	70.87 2.27 0.00	58.74 2.26 -1.37	52.68 2.17 -1.97
JANIS__SOLAR 323808	35.81 1.55 0.00	31.00 1.43 0.00	31.89 1.47 0.00	29.21 1.35 0.00	30.59 1.38 0.00	30.42 1.35 0.00	32.66 1.54 0.00	32.58 1.46 0.00	30.02 1.30 0.00	34.57 1.41 0.00	46.64 2.21 0.00	53.48 2.19 -0.01	52.71 1.78 0.00	53.26 1.53 0.00	55.75 1.93 0.00	51.06 1.83 0.00	57.92 1.77 0.00	85.60 3.61 -1.20	89.10 4.99 -1.55	78.80 5.31 -0.67	72.51 5.14 0.00	73.12 4.52 0.00	58.64 3.53 0.00	51.49 2.95 0.00
JARVIS____ 23743	34.27 0.01 0.00	29.64 0.07 0.00	30.52 0.10 0.00	28.00 0.13 0.00	29.31 0.11 0.00	29.19 0.12 0.00	31.21 0.09 0.00	31.13 0.01 0.00	28.69 -0.03 0.00	33.06 -0.10 0.00	44.30 -0.13 0.00	51.13 -0.15 0.00	50.82 -0.11 0.00	51.60 -0.13 0.00	53.67 -0.16 0.00	49.08 -0.15 0.00	55.97 -0.17 0.00	80.62 -0.17 0.00	82.56 0.00 0.00	72.86 0.04 0.00	67.28 -0.10 0.00	68.48 -0.13 0.00	55.06 -0.05 0.00	48.51 -0.03 0.00
JENNISON____1 23625	35.52 1.26 0.00	30.77 1.21 0.00	31.71 1.29 0.00	29.07 1.21 0.00	30.43 1.23 0.00	30.30 1.23 0.00	32.52 1.40 0.00	32.36 1.24 0.00	29.91 1.19 0.00	34.53 1.37 0.00	46.27 2.00 0.16	53.52 2.23 -0.01	53.20 2.27 0.00	53.97 2.24 0.00	56.07 2.24 0.00	51.53 2.30 0.00	58.37 2.23 0.00	85.99 4.34 -0.86	88.39 4.72 -1.12	77.81 4.50 -0.48	71.66 4.29 0.00	71.70 3.10 0.00	57.72 2.61 0.00	51.00 2.45 0.00
JENNISON____2 23626	35.52 1.26 0.00	30.77 1.21 0.00	31.71 1.29 0.00	29.07 1.21 0.00	30.43 1.23 0.00	30.30 1.23 0.00	32.52 1.40 0.00	32.36 1.24 0.00	29.91 1.19 0.00	34.53 1.37 0.00	46.27 2.00 0.16	53.52 2.23 -0.01	53.20 2.27 0.00	53.97 2.24 0.00	56.07 2.24 0.00	51.53 2.30 0.00	58.37 2.23 0.00	85.99 4.34 -0.86	88.39 4.72 -1.12	77.81 4.50 -0.48	71.66 4.29 0.00	71.70 3.10 0.00	57.72 2.61 0.00	51.00 2.45 0.00
JERICOHO_RISE_WT_PWR 323719	34.32 0.05 0.00	29.35 -0.21 0.00	30.04 -0.38 0.00	27.47 -0.38 0.00	28.95 -0.25 0.00	28.88 -0.19 0.00	31.08 -0.04 0.00	31.52 0.40 0.00	29.28 0.55 0.00	33.89 0.73 0.00	45.25 0.81 0.00	52.01 0.73 0.00	51.48 0.55 0.00	52.22 0.49 0.00	54.46 0.64 0.00	49.85 0.62 0.00	56.82 0.68 0.00	81.52 0.74 0.00	82.89 0.33 0.00	73.21 0.39 0.00	67.85 0.48 0.00	69.14 0.53 0.00	55.31 0.19 0.00	48.52 -0.02 0.00
KATONAH__115KV_46KV_TB4 355592	35.68 1.37 -0.05	30.99 1.42 0.00	31.81 1.39 0.00	29.16 1.30 0.00	30.36 1.15 0.00	30.26 1.19 0.00	32.24 1.12 0.00	32.07 0.95 0.00	29.67 0.94 0.00	34.30 0.97 -0.17	46.77 1.28 -1.06	53.43 1.51 -0.64	53.63 1.65 -1.05	55.15 1.75 -1.66	57.58 1.51 -2.25	52.23 1.34 -1.66	60.97 1.56 -3.27	85.81 2.62 -2.41	85.43 2.87 0.00	75.21 2.39 0.00	68.98 1.61 0.00	70.24 1.63 0.00	57.92 1.43 -1.38	51.89 1.36 -1.98
KCE_NY_1 323755	35.58 1.36 0.05	30.94 1.38 0.00	32.11 1.68 0.00	29.42 1.56 0.00	30.70 1.50 0.00	30.58 1.51 0.00	32.62 1.51 0.00	32.28 1.17 0.00	29.73 1.01 0.00	33.98 0.98 0.15	44.52 1.04 0.96	51.91 1.21 0.58	51.09 1.11 0.95	51.35 1.12 1.50	52.93 1.13 2.03	48.77 1.04 1.50	54.43 1.24 2.96	81.03 2.42 2.18	85.87 3.32 0.00	75.90 3.08 0.00	69.74 2.36 0.00	71.17 2.56 0.00	55.66 1.79 1.25	48.35 1.61 1.79
KCE_NY_6_ESR 323823	34.91 0.65 0.00	30.50 0.93 0.00	31.51 1.08 0.00	28.59 0.73 0.00	30.10 0.89 0.00	29.76 0.69 0.00	32.15 1.03 0.00	31.93 0.82 0.00	29.36 0.64 0.00	33.97 0.82 0.00	46.65 2.03 -0.19	54.17 2.89 0.00	53.46 2.53 0.00	54.33 2.60 0.00	57.53 3.70 0.00	52.38 3.15 0.00	60.09 3.95 0.00	86.54 5.75 0.00	89.40 6.85 0.00	78.17 5.35 0.00	71.60 4.22 0.00	72.07 3.47 0.00	58.47 3.35 0.00	51.48 2.94 0.00
KEDC PORT_JEFF_GT2 24210	35.59 1.29 -0.05	31.06 1.49 0.00	31.84 1.41 0.00	29.30 1.44 0.00	30.41 1.20 0.00	30.39 1.32 0.00	32.11 0.99 0.00	32.03 0.92 0.00	29.47 0.75 0.00	34.24 0.91 -0.17	46.85 1.37 -1.05	52.78 0.87 -0.64	53.16 1.19 -1.04	54.61 1.55 -1.33	56.19 0.61 -1.75	51.42 0.66 -1.53	58.96 0.42 -2.39	78.64 -0.09 2.05	79.54 0.39 3.41	73.64 0.82 0.00	54.25 0.09 13.21	27.04 0.58 42.15	24.69 0.82 31.24	34.58 0.82 14.78
KEDC PORT_JEFF_GT3 24211	35.59 1.29 -0.05	31.06 1.49 0.00	31.84 1.41 0.00	29.30 1.44 0.00	30.41 1.20 0.00	30.39 1.32 0.00	32.11 0.99 0.00	32.03 0.92 0.00	29.47 0.75 0.00	34.24 0.91 -0.17	46.85 1.37 -1.05	52.78 0.87 -0.64	53.16 1.19 -1.04	54.61 1.55 -1.33	56.19 0.61 -1.75	51.42 0.66 -1.53	58.96 0.42 -2.39	78.64 -0.09 2.05	79.54 0.39 3.41	73.64 0.82 0.00	54.25 0.09 13.21	27.04 0.58 42.15	24.69 0.82 31.24	34.58 0.82 14.78
KEDC_GLWD_GT4 24219	35.89 1.58 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.36 1.50 0.00	30.54 1.33 0.00	30.44 1.37 0.00	32.37 1.25 0.00	32.25 1.13 0.00	29.81 1.08 0.00	34.54 1.22 -0.17	47.17 1.69 -1.05	53.67 1.75 -0.64	53.95 1.99 -1.04	55.49 2.11 -1.65	57.67 1.61 -2.23	52.13 1.26 -1.64	60.57 1.19 -3.24	85.32 2.15 -2.39	84.92 2.37 0.00	74.95 2.13 0.00	64.47 1.22 4.13	57.29 1.37 12.69	48.23 1.65 8.54	46.94 1.59 3.19
KEDC_GLWD_GT5 24220	35.89 1.58 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.36 1.50 0.00	30.54 1.33 0.00	30.44 1.37 0.00	32.37 1.25 0.00	32.25 1.13 0.00	29.81 1.08 0.00	34.54 1.22 -0.17	47.17 1.69 -1.05	53.67 1.75 -0.64	53.95 1.99 -1.04	55.49 2.11 -1.65	57.67 1.61 -2.23	52.13 1.26 -1.64	60.57 1.19 -3.24	85.32 2.15 -2.39	84.92 2.37 0.00	74.95 2.13 0.00	64.47 1.22 4.13	57.29 1.37 12.69	48.23 1.65 8.54	46.94 1.59 3.19
KENSICO____ 23655	35.70 1.38 -0.05	31.02 1.45 0.00	31.82 1.40 0.00	29.17 1.32 0.00	30.37 1.16 0.00	30.26 1.19 0.00	32.23 1.11 0.00	32.08 0.96 0.00	29.68 0.95 0.00	34.31 0.98 -0.17	46.73 1.25 -1.05	53.37 1.45 -0.64	53.57 1.61 -1.04	55.07 1.69 -1.64	57.46 1.41 -2.23	52.10 1.23 -1.64	60.74 1.36 -3.23	85.49 2.33 -2.39	85.07 2.51 0.00	74.90 2.08 0.00	68.68 1.31 0.00	69.95 1.35 0.00	57.77 1.29 -1.37	51.80 1.29 -1.96
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.97 1.68 -0.03	31.17 1.60 0.00	31.95 1.52 0.00	29.29 1.43 0.00	30.49 1.29 0.00	30.37 1.30 0.00	32.39 1.27 0.00	32.26 1.14 0.00	29.84 1.12 0.00	34.50 1.24 -0.10	46.74 1.67 -0.64	53.63 1.96 -0.39	53.75 2.18 -0.63	55.03 2.30 -1.00	57.21 2.03 -1.36	51.99 1.76 -1.00	60.38 2.27 -1.97	86.12 3.88 -1.46	87.01 4.46 0.00	76.53 3.71 0.00	70.21 2.84 0.00	71.40 2.79 0.00	58.19 2.25 -0.83	51.68 1.95 -1.20

KIAC_JFK_GT1 23816	36.00 1.69 -0.05	31.30 1.73 0.00	32.07 1.65 0.00	29.41 1.55 0.00	30.59 1.38 0.00	30.47 1.40 0.00	32.43 1.31 0.00	32.29 1.17 0.00	29.94 1.22 0.00	34.55 1.22 -0.17	46.87 1.39 -1.05	53.36 1.45 -0.64	53.56 1.59 -1.04	55.14 1.76 -1.65	57.53 1.48 -2.23	52.18 1.30 -1.64	60.75 1.37 -3.24	85.54 2.37 -2.39	85.16 2.60 0.00	74.91 2.09 0.00	68.71 1.33 0.00	70.07 1.47 0.00	58.12 1.64 -1.37	52.30 1.80 -1.97
KIAC_JFK_GT2 23817	36.00 1.69 -0.05	31.30 1.73 0.00	32.07 1.65 0.00	29.41 1.55 0.00	30.59 1.38 0.00	30.47 1.40 0.00	32.43 1.31 0.00	32.29 1.17 0.00	29.94 1.22 0.00	34.55 1.22 -0.17	46.87 1.39 -1.05	53.36 1.45 -0.64	53.56 1.59 -1.04	55.14 1.76 -1.65	57.53 1.48 -2.23	52.18 1.30 -1.64	60.75 1.37 -3.24	85.54 2.37 -2.39	85.16 2.60 0.00	74.91 2.09 0.00	68.71 1.33 0.00	70.07 1.47 0.00	58.12 1.64 -1.37	52.30 1.80 -1.97
KIAC_JFK____ 323774	36.00 1.69 -0.05	31.29 1.73 0.00	32.07 1.65 0.00	29.40 1.55 0.00	30.59 1.38 0.00	30.47 1.40 0.00	32.43 1.31 0.00	32.29 1.17 0.00	29.94 1.22 0.00	34.55 1.23 -0.17	46.87 1.39 -1.05	53.37 1.45 -0.64	53.56 1.59 -1.04	55.14 1.77 -1.65	57.53 1.48 -2.23	52.16 1.29 -1.64	60.74 1.36 -3.24	85.57 2.39 -2.39	85.18 2.62 0.00	74.90 2.08 0.00	68.71 1.34 0.00	70.08 1.48 0.00	58.11 1.63 -1.37	52.31 1.80 -1.97
KINTIGH__24_KV_GSU 356498	34.57 0.31 0.00	30.21 0.64 0.00	31.19 0.76 0.00	28.37 0.51 0.00	29.86 0.65 0.00	29.57 0.49 0.00	31.83 0.71 0.00	31.66 0.54 0.00	29.13 0.40 0.00	33.72 0.56 0.00	46.19 1.57 -0.19	53.47 2.19 0.00	52.80 1.87 0.00	53.59 1.86 0.00	56.61 2.78 0.00	51.60 2.37 0.00	59.14 2.99 0.00	85.11 4.33 0.00	87.77 5.21 0.00	76.89 4.07 0.00	70.38 3.01 0.00	71.03 2.42 0.00	57.48 2.36 0.00	50.56 2.02 0.00
KINTIGH____ 23543	34.54 0.28 0.00	30.18 0.62 0.00	31.17 0.74 0.00	28.34 0.48 0.00	29.83 0.63 0.00	29.55 0.48 0.00	31.80 0.68 0.00	31.63 0.51 0.00	29.10 0.37 0.00	33.69 0.54 0.00	46.16 1.54 -0.19	53.43 2.14 0.00	52.75 1.82 0.00	53.56 1.83 0.00	56.57 2.74 0.00	51.55 2.32 0.00	59.09 2.95 0.00	85.05 4.27 0.00	87.70 5.15 0.00	76.85 4.03 0.00	70.32 2.94 0.00	70.97 2.37 0.00	57.43 2.32 0.00	50.53 1.98 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.96 0.70 0.00	29.94 0.37 0.00	30.61 0.19 0.00	27.98 0.12 0.00	29.42 0.21 0.00	29.36 0.29 0.00	31.58 0.46 0.00	32.02 0.90 0.00	29.72 0.99 0.00	34.38 1.22 0.00	45.80 1.37 0.00	52.55 1.27 0.00	51.92 0.99 0.00	52.55 0.82 0.00	54.76 0.94 0.00	50.14 0.90 0.00	57.25 1.10 0.00	82.30 1.52 0.00	83.95 1.40 0.00	74.34 1.52 0.00	68.83 1.45 0.00	70.03 1.43 0.00	55.95 0.84 0.00	49.07 0.53 0.00
LACHUTE____HYDRO 323717	37.97 3.75 0.04	33.18 3.61 0.00	34.44 4.02 0.00	31.35 3.49 0.00	32.57 3.36 0.00	32.46 3.39 0.00	34.84 3.72 0.00	34.30 3.18 0.00	31.53 2.81 0.00	35.69 2.69 0.15	46.58 3.07 0.92	54.57 3.85 0.56	53.27 3.26 0.92	53.34 3.06 1.45	54.85 2.98 1.97	50.19 2.41 1.45	56.65 3.36 2.86	85.18 6.50 2.11	90.76 8.21 0.00	80.45 7.63 0.00	74.20 6.82 0.00	75.71 7.11 0.00	59.35 5.44 1.21	51.63 4.82 1.73
LAWRNCV_115KV_TB1 80681	34.86 0.60 0.00	29.74 0.17 0.00	30.49 0.06 0.00	27.82 -0.04 0.00	29.33 0.13 0.00	29.26 0.18 0.00	31.36 0.24 0.00	31.79 0.68 0.00	29.42 0.69 0.00	34.10 0.94 0.00	45.74 1.31 0.00	52.57 1.29 0.00	51.99 1.06 0.00	52.74 1.01 0.00	54.99 1.16 0.00	50.22 0.99 0.00	57.28 1.14 0.00	82.15 1.37 0.00	83.66 1.11 0.00	74.07 1.25 0.00	68.95 1.58 0.00	70.32 1.71 0.00	56.50 1.39 0.00	49.58 1.04 0.00
LEDERLE____ 23769	35.82 1.51 -0.05	31.08 1.52 0.00	31.88 1.45 0.00	29.21 1.35 0.00	30.40 1.20 0.00	30.29 1.22 0.00	32.28 1.16 0.00	32.15 1.03 0.00	29.74 1.02 0.00	34.38 1.07 -0.16	46.81 1.40 -0.98	53.59 1.72 -0.59	53.83 1.94 -0.97	55.31 2.04 -1.53	57.73 1.83 -2.08	52.40 1.64 -1.53	61.04 1.88 -3.02	86.12 3.11 -2.23	85.80 3.24 0.00	75.39 2.57 0.00	69.12 1.75 0.00	70.36 1.76 0.00	57.94 1.55 -1.27	51.89 1.51 -1.83
LIGHTHSE_115KV_TB6 355974	34.44 0.18 0.00	29.74 0.17 0.00	30.66 0.24 0.00	28.13 0.27 0.00	29.46 0.25 0.00	29.48 0.41 0.00	31.51 0.39 0.00	31.39 0.27 0.00	28.82 0.10 0.00	33.35 0.20 0.00	44.87 0.44 0.00	51.69 0.38 -0.03	51.33 0.40 0.00	51.92 0.19 0.00	53.84 0.02 0.00	49.23 -0.01 0.00	55.89 -0.26 0.00	83.99 0.20 -3.01	87.42 0.99 -3.88	75.65 1.17 -1.66	68.54 1.16 0.00	69.62 1.02 0.00	56.10 0.99 0.00	49.67 1.13 0.00
LINDEN COGEN____ 23786	35.79 1.48 -0.05	31.10 1.54 0.00	31.87 1.45 0.00	29.20 1.35 0.00	30.38 1.18 0.00	30.28 1.20 0.00	32.23 1.11 0.00	32.10 0.98 0.00	29.75 1.02 0.00	34.37 1.05 -0.17	46.77 1.29 -1.05	53.38 1.46 -0.64	53.55 1.58 -1.04	55.06 1.68 -1.65	57.37 1.32 -2.23	52.07 1.20 -1.64	60.66 1.28 -3.24	85.30 2.13 -2.39	84.84 2.28 0.00	74.70 1.88 0.00	68.50 1.12 0.00	69.79 1.19 0.00	57.79 1.32 -1.37	51.89 1.38 -1.97
LINDHRST_69_KV_BK1 356055	35.92 1.61 -0.05	31.33 1.76 0.00	32.09 1.67 0.00	29.45 1.60 0.00	30.59 1.38 0.00	30.53 1.46 0.00	32.36 1.24 0.00	32.29 1.17 0.00	29.75 1.03 0.00	34.58 1.25 -0.17	47.24 1.76 -1.05	53.39 1.47 -0.64	53.80 1.83 -1.04	55.38 2.11 -1.54	57.19 1.29 -2.07	52.06 1.23 -1.60	60.30 1.21 -2.95	83.57 1.89 -0.89	83.65 2.24 1.15	75.04 2.22 0.00	57.35 1.28 11.30	34.65 1.54 35.50	30.44 1.57 26.24	37.68 1.46 12.32
LIPA_MISC_IPP 23656	35.43 1.12 -0.05	30.91 1.34 0.00	31.68 1.26 0.00	29.22 1.36 0.00	30.29 1.08 0.00	30.28 1.21 0.00	31.93 0.81 0.00	31.87 0.75 0.00	29.34 0.62 0.00	34.10 0.77 -0.17	46.59 1.11 -1.05	52.50 0.58 -0.64	52.86 0.89 -1.04	54.37 1.22 -1.42	55.99 0.28 -1.88	51.09 0.31 -1.56	58.98 0.21 -2.63	80.16 0.20 0.83	80.52 0.44 2.47	73.48 0.65 0.00	54.06 -0.05 13.27	26.96 0.43 42.07	24.45 0.59 31.26	34.27 0.58 14.85
LISF____SOLAR 323691	35.51 1.20 -0.05	30.96 1.40 0.00	31.74 1.32 0.00	29.27 1.41 0.00	30.34 1.13 0.00	30.34 1.27 0.00	31.99 0.87 0.00	31.94 0.82 0.00	29.40 0.68 0.00	34.17 0.84 -0.17	46.69 1.22 -1.05	52.62 0.70 -0.64	52.96 1.00 -1.04	54.48 1.34 -1.41	56.13 0.44 -1.87	51.22 0.44 -1.55	59.10 0.37 -2.59	80.23 0.45 1.00	80.65 0.70 2.60	73.69 0.87 0.00	54.28 0.15 13.25	27.16 0.59 42.04	24.61 0.73 31.23	34.41 0.69 14.82
LITTLE FALLS____HYD 24013	34.35 0.09 0.00	29.92 0.36 0.00	30.94 0.52 0.00	28.49 0.63 0.00	29.72 0.51 0.00	29.61 0.53 0.00	31.59 0.47 0.00	31.15 0.04 0.00	28.52 -0.20 0.00	32.53 -0.63 0.00	43.15 -1.28 0.00	49.76 -1.52 0.00	49.62 -1.31 0.00	50.02 -1.72 0.00	52.50 -1.33 0.00	47.73 -1.50 0.00	54.25 -1.89 0.00	78.66 -2.12 0.00	81.51 -1.05 0.00	72.95 0.12 0.00	67.53 0.16 0.00	68.54 -0.07 0.00	54.89 -0.22 0.00	48.30 -0.25 0.00

LITTLRIV_115KV_TB1 356100	35.49 1.23 0.00	30.27 0.70 0.00	31.01 0.58 0.00	28.27 0.41 0.00	29.84 0.63 0.00	29.75 0.67 0.00	31.92 0.80 0.00	32.39 1.27 0.00	29.88 1.15 0.00	34.58 1.43 0.00	46.41 1.98 0.00	53.13 1.84 0.00	52.42 1.49 0.00	53.27 1.54 0.00	55.54 1.72 0.00	50.57 1.34 0.00	58.20 2.05 0.00	83.74 2.57 -0.39	85.22 2.31 -0.35	75.47 2.64 0.00	70.50 3.13 0.00	71.87 3.27 0.00	57.65 2.54 0.00	50.55 2.01 0.00
LI_NEWBRDGE___DRP 323616	35.47 1.16 -0.05	30.91 1.35 0.00	31.68 1.26 0.00	29.09 1.23 0.00	30.22 1.01 0.00	30.15 1.08 0.00	31.99 0.87 0.00	31.90 0.78 0.00	29.41 0.69 0.00	34.14 0.81 -0.17	46.58 1.10 -1.05	52.73 0.81 -0.64	53.06 1.09 -1.04	54.61 1.23 -1.65	56.62 0.56 -2.23	51.45 0.58 -1.64	59.84 0.46 -3.24	84.08 0.92 -2.38	83.69 1.14 0.00	73.98 1.16 0.00	53.30 0.27 14.35	24.29 0.49 44.81	22.23 0.73 33.61	33.12 0.81 16.24
LOCKPORT_115KV_TB60_63_64 80432	34.50 0.23 0.00	30.26 0.69 0.00	31.28 0.85 0.00	28.38 0.52 0.00	29.91 0.70 0.00	29.59 0.52 0.00	31.92 0.80 0.00	31.71 0.59 0.00	29.16 0.43 0.00	33.74 0.59 0.00	46.43 1.79 -0.21	53.75 2.47 0.00	52.89 1.96 0.00	53.68 1.94 0.00	56.83 3.00 0.00	51.69 2.46 0.00	59.23 3.09 0.00	85.20 4.41 0.00	88.02 5.46 0.00	77.11 4.29 0.00	70.60 3.22 0.00	71.16 2.55 0.00	57.78 2.67 0.00	50.87 2.32 0.00
LOCKPORT___CC1 323769	34.38 0.12 0.00	30.17 0.60 0.00	31.17 0.75 0.00	28.29 0.43 0.00	29.82 0.61 0.00	29.49 0.42 0.00	31.80 0.68 0.00	31.61 0.49 0.00	29.05 0.33 0.00	33.62 0.46 0.00	46.27 1.63 -0.21	53.54 2.26 0.00	52.67 1.74 0.00	53.45 1.72 0.00	56.59 2.77 0.00	51.46 2.23 0.00	58.98 2.84 0.00	84.82 4.04 0.00	87.63 5.08 0.00	76.74 3.92 0.00	70.25 2.87 0.00	70.80 2.20 0.00	57.51 2.39 0.00	50.62 2.08 0.00
LOCKPORT___CC2 323770	34.38 0.12 0.00	30.17 0.60 0.00	31.17 0.75 0.00	28.29 0.43 0.00	29.82 0.61 0.00	29.49 0.42 0.00	31.80 0.68 0.00	31.61 0.49 0.00	29.05 0.33 0.00	33.62 0.46 0.00	46.27 1.63 -0.21	53.54 2.26 0.00	52.67 1.74 0.00	53.45 1.72 0.00	56.59 2.77 0.00	51.46 2.23 0.00	58.98 2.84 0.00	84.82 4.04 0.00	87.63 5.08 0.00	76.74 3.92 0.00	70.25 2.87 0.00	70.80 2.20 0.00	57.51 2.39 0.00	50.62 2.08 0.00
LOCKPORT___CC3 323771	34.38 0.12 0.00	30.17 0.60 0.00	31.17 0.75 0.00	28.29 0.43 0.00	29.82 0.61 0.00	29.49 0.42 0.00	31.80 0.68 0.00	31.61 0.49 0.00	29.05 0.33 0.00	33.62 0.46 0.00	46.27 1.63 -0.21	53.54 2.26 0.00	52.67 1.74 0.00	53.45 1.72 0.00	56.59 2.77 0.00	51.46 2.23 0.00	58.98 2.84 0.00	84.82 4.04 0.00	87.63 5.08 0.00	76.74 3.92 0.00	70.25 2.87 0.00	70.80 2.20 0.00	57.51 2.39 0.00	50.62 2.08 0.00
LOCUSVLY_69_KV_BK2 55797	35.91 1.60 -0.05	31.27 1.70 0.00	32.04 1.62 0.00	29.38 1.53 0.00	30.54 1.33 0.00	30.46 1.39 0.00	32.36 1.24 0.00	32.27 1.15 0.00	29.80 1.07 0.00	34.59 1.26 -0.17	47.22 1.74 -1.05	53.61 1.69 -0.64	53.97 2.00 -1.04	55.49 2.12 -1.65	57.62 1.56 -2.23	52.28 1.41 -1.64	60.77 1.39 -3.24	85.62 2.45 -2.39	85.23 2.68 0.00	75.30 2.47 0.00	62.30 1.43 6.51	49.98 1.53 20.15	42.35 1.61 14.37	43.86 1.55 6.22
LONG_LAKE_PHOENIX 24014	33.88 -0.38 0.00	29.33 -0.24 0.00	30.19 -0.23 0.00	27.64 -0.22 0.00	28.95 -0.25 0.00	28.81 -0.26 0.00	30.86 -0.26 0.00	30.76 -0.36 0.00	28.34 -0.38 0.00	32.73 -0.42 0.00	44.00 -0.43 0.00	50.88 -0.45 -0.04	50.43 -0.49 0.00	51.19 -0.54 0.00	53.36 -0.47 0.00	48.80 -0.43 0.00	55.70 -0.45 0.00	84.87 -0.44 -4.53	88.42 0.02 -5.84	75.46 0.12 -2.52	67.37 0.00 0.00	68.37 -0.24 0.00	54.93 -0.19 0.00	48.36 -0.18 0.00
LOVETT___3 23632	35.51 1.20 -0.05	30.84 1.27 0.00	31.64 1.21 0.00	29.00 1.14 0.00	30.19 0.98 0.00	30.08 1.00 0.00	32.05 0.92 0.00	31.90 0.78 0.00	29.50 0.77 0.00	34.09 0.77 -0.16	46.41 0.99 -0.99	53.06 1.18 -0.60	53.28 1.37 -0.98	54.74 1.45 -1.56	57.12 1.18 -2.11	51.82 1.04 -1.55	60.34 1.13 -3.06	85.03 1.99 -2.26	84.65 2.09 0.00	74.42 1.60 0.00	68.24 0.87 0.00	69.51 0.90 0.00	57.32 0.91 -1.29	51.39 0.98 -1.86
LOVETT___4 23642	35.51 1.20 -0.05	30.84 1.27 0.00	31.64 1.21 0.00	29.00 1.14 0.00	30.19 0.98 0.00	30.08 1.00 0.00	32.05 0.92 0.00	31.90 0.78 0.00	29.50 0.77 0.00	34.09 0.77 -0.16	46.41 0.99 -0.99	53.06 1.18 -0.60	53.28 1.37 -0.98	54.74 1.45 -1.56	57.12 1.18 -2.11	51.82 1.04 -1.55	60.34 1.13 -3.06	85.03 1.99 -2.26	84.65 2.09 0.00	74.42 1.60 0.00	68.24 0.87 0.00	69.51 0.90 0.00	57.32 0.91 -1.29	51.39 0.98 -1.86
LOVETT___5 23593	35.51 1.20 -0.05	30.84 1.27 0.00	31.64 1.21 0.00	29.00 1.14 0.00	30.19 0.98 0.00	30.08 1.00 0.00	32.05 0.92 0.00	31.90 0.78 0.00	29.50 0.77 0.00	34.09 0.77 -0.16	46.41 0.99 -0.99	53.06 1.18 -0.60	53.28 1.37 -0.98	54.74 1.45 -1.56	57.12 1.18 -2.11	51.82 1.04 -1.55	60.34 1.13 -3.06	85.03 1.99 -2.26	84.65 2.09 0.00	74.42 1.60 0.00	68.24 0.87 0.00	69.51 0.90 0.00	57.32 0.91 -1.29	51.39 0.98 -1.86
LOWER RAQUET___HYD 24057	34.88 0.62 0.00	29.75 0.19 0.00	30.52 0.09 0.00	27.84 -0.01 0.00	29.37 0.16 0.00	29.30 0.23 0.00	31.42 0.30 0.00	31.85 0.73 0.00	29.45 0.73 0.00	34.14 0.98 0.00	45.80 1.36 0.00	52.60 1.31 0.00	52.01 1.08 0.00	52.75 1.02 0.00	54.99 1.17 0.00	50.22 0.99 0.00	57.31 1.16 0.00	82.64 1.44 -0.42	84.28 1.20 -0.53	74.43 1.39 -0.21	69.11 1.74 0.00	70.49 1.88 0.00	56.61 1.50 0.00	49.70 1.16 0.00
LOWER___HUDSON 24059	34.86 0.66 0.06	30.40 0.84 0.00	31.44 1.02 0.00	28.85 0.99 0.00	30.09 0.88 0.00	30.00 0.92 0.00	31.98 0.86 0.00	31.62 0.50 0.00	29.12 0.40 0.00	33.18 0.23 0.20	43.31 0.11 1.24	50.70 0.17 0.75	49.87 0.17 1.23	49.94 0.14 1.94	51.18 -0.02 2.63	47.24 -0.06 1.93	52.36 0.03 3.82	78.29 0.32 2.82	83.41 0.85 0.00	73.76 0.94 0.00	67.76 0.38 0.00	69.14 0.53 0.00	53.82 0.32 1.61	46.59 0.37 2.32
LOWVILLE_115KV_TB2 356335	35.16 0.90 0.00	30.13 0.57 0.00	31.19 0.77 0.00	28.78 0.92 0.00	30.22 1.01 0.00	30.49 1.42 0.00	32.48 1.36 0.00	32.36 1.24 0.00	29.59 0.87 0.00	34.22 1.07 0.00	46.07 1.64 0.00	52.77 1.47 -0.01	52.44 1.51 0.00	52.99 1.25 0.00	54.92 1.09 0.00	50.13 0.90 0.00	56.75 0.60 0.00	83.48 1.67 -1.03	86.50 2.66 -1.28	75.89 2.56 -0.50	69.78 2.41 0.00	70.85 2.25 0.00	57.44 2.33 0.00	51.32 2.78 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.56 1.35 0.05	30.94 1.38 0.00	32.09 1.67 0.00	29.43 1.57 0.00	30.71 1.51 0.00	30.57 1.49 0.00	32.63 1.51 0.00	32.28 1.16 0.00	29.72 0.99 0.00	33.92 0.92 0.15	44.47 0.99 0.96	51.87 1.17 0.58	51.05 1.07 0.95	51.30 1.07 1.50	52.86 1.07 2.03	48.72 0.98 1.50	54.34 1.15 2.96	80.84 2.24 2.18	85.69 3.13 0.00	75.79 2.97 0.00	69.71 2.33 0.00	71.05 2.44 0.00	55.65 1.78 1.25	48.34 1.59 1.79

LUTHERNY_35_KV_BK2 355980	35.58 1.37 0.05	30.94 1.38 0.00	32.11 1.69 0.00	29.42 1.56 0.00	30.70 1.50 0.00	30.58 1.51 0.00	32.62 1.51 0.00	32.28 1.16 0.00	29.73 1.01 0.00	33.98 0.98 0.15	44.52 1.04 0.96	51.91 1.21 0.58	51.09 1.11 0.95	51.35 1.12 1.50	52.93 1.14 2.03	48.78 1.05 1.50	54.44 1.25 2.96	81.03 2.42 2.18	85.87 3.32 0.00	75.90 3.08 0.00	69.74 2.36 0.00	71.17 2.56 0.00	55.66 1.79 1.25	48.36 1.61 1.79
LWR___OSWEGATCHIE_HYD 23850	35.06 0.80 0.00	29.98 0.42 0.00	30.89 0.47 0.00	28.34 0.48 0.00	29.80 0.60 0.00	29.91 0.84 0.00	31.96 0.84 0.00	32.11 0.99 0.00	29.52 0.80 0.00	34.21 1.06 0.00	45.97 1.54 0.00	52.73 1.44 -0.01	52.23 1.31 0.00	52.86 1.13 0.00	54.93 1.10 0.00	50.14 0.91 0.00	56.98 0.84 0.00	83.16 1.54 -0.84	85.66 2.05 -1.06	75.40 2.15 -0.43	69.66 2.29 0.00	70.90 2.29 0.00	57.20 2.08 0.00	50.64 2.10 0.00
LYONS_FALL_HYD 23570	35.18 0.92 0.00	30.24 0.68 0.00	31.24 0.81 0.00	28.77 0.91 0.00	30.24 1.03 0.00	30.39 1.32 0.00	32.41 1.29 0.00	32.31 1.19 0.00	29.64 0.91 0.00	34.23 1.08 0.00	46.07 1.64 0.00	52.92 1.63 -0.01	52.57 1.64 0.00	53.14 1.41 0.00	55.18 1.35 0.00	50.40 1.17 0.00	57.23 1.08 0.00	83.77 2.16 -0.83	86.59 3.03 -1.00	75.85 2.66 -0.37	69.79 2.42 0.00	70.89 2.28 0.00	57.25 2.14 0.00	50.83 2.29 0.00
MADISON___COUNTY_LFGE 323628	35.30 1.04 0.00	30.48 0.92 0.00	31.39 0.97 0.00	28.78 0.93 0.00	30.14 0.93 0.00	30.06 0.98 0.00	32.17 1.04 0.00	32.08 0.96 0.00	29.54 0.81 0.00	34.08 0.92 0.00	45.83 1.40 0.00	52.88 1.59 -0.01	52.45 1.52 0.00	53.11 1.38 0.00	55.45 1.63 0.00	50.61 1.38 0.00	57.75 1.61 0.00	84.24 2.66 -0.79	86.92 3.36 -1.01	76.53 3.29 -0.41	70.36 2.99 0.00	71.37 2.77 0.00	57.29 2.18 0.00	50.40 1.85 0.00
MALONE___115KV_TB1 356076	34.90 0.64 0.00	29.82 0.26 0.00	30.52 0.10 0.00	27.89 0.03 0.00	29.40 0.19 0.00	29.33 0.25 0.00	31.56 0.43 0.00	32.03 0.91 0.00	29.74 1.01 0.00	34.44 1.29 0.00	46.03 1.60 0.00	52.93 1.64 0.00	52.33 1.40 0.00	53.04 1.31 0.00	55.36 1.53 0.00	50.57 1.35 0.00	57.68 1.53 0.00	82.81 2.03 0.00	84.31 1.76 0.00	74.66 1.85 0.00	69.34 1.97 0.00	70.59 1.98 0.00	56.47 1.36 0.00	49.48 0.94 0.00
MAPLEWOD_115KV_TB3 80458	34.64 0.42 0.04	30.20 0.64 0.00	31.16 0.74 0.00	28.62 0.76 0.00	29.86 0.66 0.00	29.74 0.67 0.00	31.72 0.60 0.00	31.42 0.30 0.00	28.91 0.19 0.00	33.03 0.02 0.15	43.34 -0.17 0.92	50.56 -0.17 0.56	49.89 -0.13 0.91	50.22 -0.07 1.45	51.62 -0.25 1.96	47.57 -0.22 1.44	53.07 -0.23 2.84	78.59 -0.09 2.10	82.91 0.36 0.00	73.33 0.52 0.00	67.38 0.01 0.00	68.70 0.10 0.00	53.92 0.00 1.20	46.87 0.05 1.73
MAPLE_RIDGE_WT_1 323574	33.80 -0.46 0.00	29.09 -0.48 0.00	30.10 -0.33 0.00	27.66 -0.20 0.00	29.02 -0.19 0.00	28.96 -0.11 0.00	30.98 -0.14 0.00	30.93 -0.19 0.00	28.53 -0.20 0.00	32.92 -0.23 0.00	44.14 -0.30 0.00	50.86 -0.42 0.00	50.55 -0.38 0.00	51.41 -0.33 0.00	53.53 -0.29 0.00	48.92 -0.31 0.00	55.76 -0.38 0.00	80.11 -0.67 0.00	81.76 -0.80 0.00	72.08 -0.74 0.00	66.66 -0.71 0.00	67.81 -0.79 0.00	54.60 -0.51 0.00	48.34 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	33.80 -0.46 0.00	29.09 -0.48 0.00	30.10 -0.33 0.00	27.66 -0.20 0.00	29.02 -0.19 0.00	28.96 -0.11 0.00	30.98 -0.14 0.00	30.93 -0.19 0.00	28.53 -0.20 0.00	32.92 -0.23 0.00	44.14 -0.30 0.00	50.86 -0.42 0.00	50.55 -0.38 0.00	51.41 -0.33 0.00	53.53 -0.29 0.00	48.92 -0.31 0.00	55.76 -0.38 0.00	80.11 -0.67 0.00	81.76 -0.80 0.00	72.08 -0.74 0.00	66.66 -0.71 0.00	67.81 -0.79 0.00	54.60 -0.51 0.00	48.34 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	34.40 0.14 0.00	29.44 -0.13 0.00	30.14 -0.28 0.00	27.57 -0.29 0.00	29.02 -0.19 0.00	28.96 -0.11 0.00	31.15 0.03 0.00	31.57 0.45 0.00	29.30 0.58 0.00	33.90 0.75 0.00	45.26 0.82 0.00	52.01 0.73 0.00	51.46 0.53 0.00	52.20 0.47 0.00	54.42 0.59 0.00	49.82 0.59 0.00	56.81 0.66 0.00	81.55 0.77 0.00	82.97 0.41 0.00	73.30 0.48 0.00	67.87 0.50 0.00	69.13 0.52 0.00	55.31 0.19 0.00	48.54 0.00 0.00
MARSHVLE_115KV_TB1 80742	36.60 2.36 0.03	31.52 1.95 0.00	32.32 1.89 0.00	29.54 1.68 0.00	31.01 1.80 0.00	30.87 1.80 0.00	33.10 1.98 0.00	33.24 2.12 0.00	30.59 1.87 0.00	35.12 2.06 0.09	46.70 2.83 0.56	54.26 3.32 0.34	53.72 3.34 0.55	54.09 3.23 0.87	56.04 3.40 1.18	51.78 3.42 0.87	57.67 3.25 1.72	84.65 5.13 1.27	87.93 5.38 0.00	78.62 5.80 0.00	73.12 5.75 0.00	74.34 5.73 0.00	59.05 4.66 0.73	51.53 4.03 1.04
MARSH_HILL_WT_PWR 323713	34.64 0.37 0.00	30.16 0.59 0.00	30.94 0.52 0.00	28.11 0.25 0.00	29.46 0.26 0.00	29.19 0.12 0.00	31.50 0.38 0.00	31.34 0.22 0.00	28.82 0.09 0.00	33.12 -0.04 0.00	47.30 0.20 -2.67	51.91 0.62 0.00	51.11 0.19 0.00	51.89 0.16 0.00	54.25 0.42 0.00	49.22 -0.01 0.00	56.63 0.48 0.00	83.11 1.75 -0.58	86.92 3.61 -0.75	76.53 3.39 -0.32	70.56 3.19 0.00	71.19 2.58 0.00	57.31 2.19 0.00	50.20 1.65 0.00
MCINTYRE_115KV_TB2 80467	35.74 1.47 0.00	30.47 0.91 0.00	31.20 0.77 0.00	28.41 0.56 0.00	30.00 0.80 0.00	29.89 0.82 0.00	32.09 0.97 0.00	32.59 1.47 0.00	29.97 1.24 0.00	34.75 1.59 0.00	46.63 2.19 0.00	53.26 1.98 0.00	52.46 1.53 0.00	53.34 1.61 0.00	55.75 1.92 0.00	50.66 1.43 0.00	58.54 2.39 0.00	83.57 2.79 0.00	85.13 2.58 0.00	75.88 3.06 0.00	71.01 3.64 0.00	72.41 3.80 0.00	58.04 2.92 0.00	50.81 2.27 0.00
MECO_____69_KV_BK1 80468	36.73 2.49 0.03	31.72 2.15 0.00	32.59 2.17 0.00	29.84 1.98 0.00	31.24 2.04 0.00	31.12 2.04 0.00	33.32 2.20 0.00	33.32 2.21 0.00	30.69 1.97 0.00	35.10 2.04 0.10	46.34 2.53 0.61	53.79 2.88 0.37	53.16 2.84 0.61	53.31 2.55 0.97	55.69 3.17 1.31	51.14 2.88 0.96	56.82 2.58 1.90	83.65 4.27 1.40	88.11 5.55 0.00	79.11 6.29 0.00	73.51 6.13 0.00	74.71 6.10 0.00	59.09 4.78 0.80	51.45 4.05 1.15
MENANDS___115KV_TB5 355628	34.35 0.13 0.04	29.98 0.41 0.00	30.93 0.50 0.00	28.42 0.56 0.00	29.63 0.42 0.00	29.53 0.46 0.00	31.48 0.36 0.00	31.17 0.05 0.00	28.69 -0.04 0.00	32.76 -0.25 0.15	42.97 -0.54 0.92	50.14 -0.58 0.56	49.47 -0.55 0.91	49.78 -0.52 1.44	51.14 -0.73 1.95	47.12 -0.68 1.44	52.56 -0.75 2.83	77.79 -0.90 2.09	81.99 -0.56 0.00	72.51 -0.31 0.00	66.60 -0.78 0.00	67.94 -0.67 0.00	53.33 -0.59 1.20	46.38 -0.44 1.72
MG INDUSTRY___DRP 24185	33.69 -0.54 0.02	29.34 -0.22 0.00	30.25 -0.17 0.00	27.83 -0.03 0.00	29.07 -0.14 0.00	28.96 -0.11 0.00	30.91 -0.21 0.00	30.65 -0.47 0.00	28.17 -0.56 0.00	32.24 -0.84 0.08	42.63 -1.30 0.50	49.43 -1.54 0.31	48.81 -1.62 0.50	49.43 -1.51 0.79	50.95 -1.80 1.07	46.86 -1.59 0.79	52.65 -1.94 1.56	76.86 -2.78 1.15	80.11 -2.45 0.00	70.98 -1.84 0.00	65.38 -2.00 0.00	66.65 -1.95 0.00	52.90 -1.56 0.66	46.29 -1.31 0.95

MID___OSWEGATCHIE_HYD 23849	35.06 0.80 0.00	29.98 0.42 0.00	30.89 0.47 0.00	28.34 0.48 0.00	29.80 0.60 0.00	29.91 0.84 0.00	31.96 0.84 0.00	32.11 0.99 0.00	29.52 0.80 0.00	34.21 1.06 0.00	45.97 1.54 0.00	52.73 1.44 -0.01	52.23 1.31 0.00	52.86 1.13 0.00	54.93 1.10 0.00	50.14 0.91 0.00	56.98 0.84 0.00	83.16 1.54 -0.84	85.66 2.05 -1.06	75.40 2.15 -0.43	69.66 2.29 0.00	70.90 2.29 0.00	57.20 2.08 0.00	50.64 2.10 0.00
MID___RAQUETTE_HYD 23851	34.88 0.62 0.00	29.75 0.19 0.00	30.51 0.09 0.00	27.84 -0.01 0.00	29.37 0.16 0.00	29.30 0.23 0.00	31.42 0.30 0.00	31.85 0.73 0.00	29.45 0.73 0.00	34.14 0.98 0.00	45.80 1.37 0.00	52.60 1.32 0.00	52.01 1.08 0.00	52.75 1.02 0.00	54.99 1.17 0.00	50.22 0.99 0.00	57.31 1.16 0.00	82.63 1.43 -0.42	84.28 1.20 -0.53	74.43 1.40 -0.21	69.11 1.74 0.00	70.49 1.88 0.00	56.62 1.51 0.00	49.70 1.16 0.00
MILLIKEN___1 23584	35.09 0.82 0.00	30.39 0.82 0.00	31.25 0.83 0.00	28.61 0.75 0.00	29.97 0.76 0.00	29.82 0.74 0.00	31.99 0.87 0.00	31.88 0.76 0.00	29.33 0.61 0.00	33.82 0.67 0.00	45.47 1.04 0.00	52.46 1.16 -0.01	51.90 0.97 0.00	52.79 1.06 0.00	55.12 1.29 0.00	50.33 1.10 0.00	57.43 1.29 0.00	84.81 2.44 -1.59	87.90 3.29 -2.05	76.93 3.23 -0.88	70.34 2.97 0.00	71.22 2.62 0.00	57.22 2.10 0.00	50.27 1.72 0.00
MILLIKEN___2 23585	35.09 0.82 0.00	30.39 0.82 0.00	31.25 0.83 0.00	28.61 0.75 0.00	29.97 0.76 0.00	29.82 0.74 0.00	31.99 0.87 0.00	31.88 0.76 0.00	29.33 0.61 0.00	33.82 0.67 0.00	45.47 1.04 0.00	52.46 1.16 -0.01	51.90 0.97 0.00	52.79 1.06 0.00	55.12 1.29 0.00	50.33 1.10 0.00	57.43 1.29 0.00	84.81 2.44 -1.59	87.90 3.29 -2.05	76.93 3.23 -0.88	70.34 2.97 0.00	71.22 2.62 0.00	57.22 2.10 0.00	50.27 1.72 0.00
MILLIKEN___DIESEL 23629	35.09 0.82 0.00	30.39 0.82 0.00	31.25 0.83 0.00	28.61 0.75 0.00	29.97 0.76 0.00	29.82 0.74 0.00	31.99 0.87 0.00	31.88 0.76 0.00	29.33 0.61 0.00	33.82 0.67 0.00	45.47 1.04 0.00	52.46 1.16 -0.01	51.90 0.97 0.00	52.79 1.06 0.00	55.12 1.29 0.00	50.33 1.10 0.00	57.43 1.29 0.00	84.81 2.44 -1.59	87.90 3.29 -2.05	76.93 3.23 -0.88	70.34 2.97 0.00	71.22 2.62 0.00	57.22 2.10 0.00	50.27 1.72 0.00
MILLSEAT___LFGE 323607	35.43 1.17 0.00	31.00 1.43 0.00	31.98 1.56 0.00	29.03 1.18 0.00	30.58 1.37 0.00	30.25 1.18 0.00	32.60 1.48 0.00	32.42 1.30 0.00	29.84 1.11 0.00	34.44 1.29 0.00	47.33 2.67 -0.23	54.77 3.49 0.00	53.80 2.87 0.00	54.65 2.92 0.00	57.80 3.97 0.00	52.64 3.41 0.00	60.37 4.22 0.00	87.18 6.39 0.00	90.46 7.91 0.00	79.60 6.78 0.00	72.98 5.60 0.00	73.56 4.95 0.00	59.45 4.34 0.00	52.14 3.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.61 1.30 -0.05	30.94 1.37 0.00	31.75 1.32 0.00	29.10 1.25 0.00	30.29 1.09 0.00	30.19 1.12 0.00	32.16 1.04 0.00	32.00 0.88 0.00	29.61 0.88 0.00	34.20 0.88 -0.17	46.59 1.12 -1.04	53.23 1.32 -0.63	53.44 1.48 -1.03	54.94 1.57 -1.63	57.32 1.28 -2.22	51.99 1.13 -1.63	60.60 1.24 -3.22	85.32 2.17 -2.37	84.90 2.34 0.00	74.72 1.90 0.00	68.52 1.14 0.00	69.80 1.20 0.00	57.63 1.16 -1.36	51.68 1.18 -1.95
MILLWOOD_13_KV_LOAD 356217	35.67 1.36 -0.05	30.99 1.43 0.00	31.80 1.38 0.00	29.15 1.29 0.00	30.34 1.14 0.00	30.24 1.17 0.00	32.22 1.09 0.00	32.06 0.94 0.00	29.66 0.93 0.00	34.27 0.95 -0.17	46.70 1.22 -1.04	53.35 1.43 -0.63	53.55 1.59 -1.03	55.05 1.68 -1.63	57.46 1.42 -2.22	52.09 1.23 -1.63	60.74 1.38 -3.22	85.51 2.36 -2.37	85.12 2.57 0.00	74.92 2.10 0.00	68.71 1.34 0.00	69.97 1.37 0.00	57.75 1.28 -1.36	51.78 1.28 -1.95
MODEL_CITY_ENERGY 24167	34.20 -0.07 0.00	30.02 0.45 0.00	31.05 0.62 0.00	28.17 0.31 0.00	29.71 0.50 0.00	29.38 0.31 0.00	31.70 0.58 0.00	31.50 0.38 0.00	28.96 0.23 0.00	33.51 0.35 0.00	46.10 1.46 -0.20	53.41 2.12 0.00	52.55 1.62 0.00	53.30 1.57 0.00	56.43 2.60 0.00	51.34 2.11 0.00	58.81 2.67 0.00	84.50 3.72 0.00	87.26 4.71 0.00	76.42 3.61 0.00	69.93 2.55 0.00	70.52 1.92 0.00	57.30 2.19 0.00	50.48 1.94 0.00
MODERN_LFGE___ 323580	34.20 -0.07 0.00	30.02 0.45 0.00	31.05 0.62 0.00	28.17 0.31 0.00	29.71 0.50 0.00	29.38 0.31 0.00	31.70 0.58 0.00	31.50 0.38 0.00	28.96 0.23 0.00	33.51 0.35 0.00	46.10 1.46 -0.20	53.41 2.12 0.00	52.55 1.62 0.00	53.30 1.57 0.00	56.43 2.60 0.00	51.34 2.11 0.00	58.81 2.67 0.00	84.50 3.72 0.00	87.26 4.71 0.00	76.42 3.61 0.00	69.93 2.55 0.00	70.52 1.92 0.00	57.30 2.19 0.00	50.48 1.94 0.00
MOHAWK_PAPER___DRP 24187	34.64 0.42 0.04	30.20 0.64 0.00	31.16 0.74 0.00	28.62 0.76 0.00	29.86 0.66 0.00	29.74 0.67 0.00	31.72 0.60 0.00	31.42 0.30 0.00	28.91 0.19 0.00	33.03 0.02 0.15	43.34 -0.17 0.92	50.56 -0.17 0.56	49.89 -0.13 0.91	50.22 -0.07 1.45	51.62 -0.25 1.96	47.57 -0.22 1.44	53.07 -0.23 2.84	78.59 -0.09 2.10	82.91 0.36 0.00	73.33 0.52 0.00	67.38 0.01 0.00	68.70 0.10 0.00	53.92 0.00 1.20	46.87 0.05 1.73
MOHICAN___35_KV_115KV_LD 80490	36.01 1.80 0.05	31.38 1.82 0.00	32.78 2.35 0.00	30.04 2.18 0.00	31.30 2.09 0.00	31.10 2.03 0.00	33.25 2.13 0.00	32.73 1.61 0.00	30.07 1.35 0.00	34.22 1.22 0.15	44.70 1.20 0.94	52.20 1.49 0.57	51.23 1.23 0.93	51.37 1.11 1.47	52.96 1.13 2.00	48.78 1.02 1.47	54.50 1.25 2.90	81.31 2.66 2.14	86.72 4.17 0.00	76.82 4.00 0.00	70.76 3.38 0.00	72.02 3.42 0.00	56.39 2.50 1.22	49.01 2.22 1.76
MONGAUP___HYD 23641	35.82 1.52 -0.04	31.04 1.48 0.00	31.84 1.42 0.00	29.19 1.34 0.00	30.42 1.21 0.00	30.30 1.23 0.00	32.33 1.21 0.00	32.18 1.07 0.00	29.73 1.00 0.00	34.34 1.04 -0.14	46.65 1.34 -0.87	53.34 1.53 -0.53	53.29 1.50 -0.86	54.74 1.64 -1.37	57.00 1.32 -1.86	51.78 1.18 -1.37	60.43 1.59 -2.70	85.71 2.94 -1.99	86.14 3.58 0.00	76.09 3.27 0.00	69.94 2.56 0.00	71.16 2.56 0.00	58.32 2.06 -1.14	51.97 1.80 -1.64
MONTAUK___DIESEL 23721	37.13 2.81 -0.05	32.34 2.78 0.00	33.11 2.68 0.00	30.51 2.65 0.00	31.63 2.42 0.00	31.58 2.50 0.00	33.22 2.10 0.00	33.18 2.06 0.00	30.67 1.95 0.00	35.81 2.48 -0.17	48.89 3.41 -1.05	54.93 3.01 -0.64	54.99 3.02 -1.04	56.03 2.88 -1.41	57.33 1.63 -1.88	52.11 1.32 -1.56	60.48 1.72 -2.61	82.40 2.50 0.89	82.26 2.22 2.52	75.16 2.34 0.00	56.31 2.20 13.26	29.24 2.70 42.06	25.20 1.33 31.25	35.27 1.57 14.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.76 0.50 0.00	30.31 0.75 0.00	31.41 0.99 0.00	28.26 0.40 0.00	29.72 0.52 0.00	29.77 0.70 0.00	32.42 1.30 0.00	32.28 1.16 0.00	29.63 0.91 0.00	34.04 0.88 0.00	46.68 1.99 -0.27	54.43 3.15 0.00	53.72 2.79 0.00	54.60 2.87 0.00	57.90 4.08 0.00	52.77 3.54 0.00	60.56 4.42 0.00	87.67 6.89 0.00	90.35 7.79 0.00	78.54 5.72 0.00	72.12 4.75 0.00	72.09 3.48 0.00	58.52 3.41 0.00	51.90 3.36 0.00

MORRIS RIDGE___SOLAR 323848	34.45 0.19 0.00	30.03 0.47 0.00	30.94 0.51 0.00	28.09 0.23 0.00	29.52 0.31 0.00	29.22 0.15 0.00	31.60 0.48 0.00	31.38 0.26 0.00	28.76 0.03 0.00	33.00 -0.16 0.00	40.50 0.18 4.12	51.88 0.60 0.00	51.08 0.15 0.00	51.91 0.17 0.00	54.49 0.66 0.00	49.55 0.32 0.00	56.91 0.77 0.00	82.78 1.56 -0.44	86.15 3.03 -0.57	75.97 2.91 -0.24	69.96 2.59 0.00	70.56 1.96 0.00	57.03 1.92 0.00	50.15 1.61 0.00
MORTIMER_115KV_TB3 55949	35.05 0.79 0.00	30.48 0.92 0.00	31.42 1.00 0.00	28.62 0.76 0.00	30.06 0.85 0.00	29.81 0.74 0.00	32.04 0.92 0.00	31.91 0.79 0.00	29.40 0.68 0.00	34.02 0.86 0.00	46.64 1.90 -0.31	53.72 2.44 0.00	53.16 2.23 0.00	54.02 2.28 0.00	56.88 3.05 0.00	51.97 2.74 0.00	59.60 3.46 0.00	86.01 5.23 0.00	88.74 6.19 0.00	78.00 5.18 0.00	71.53 4.16 0.00	72.26 3.65 0.00	58.16 3.05 0.00	50.99 2.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.91 1.59 -0.05	31.22 1.66 0.00	32.01 1.58 0.00	29.34 1.48 0.00	30.53 1.32 0.00	30.42 1.35 0.00	32.39 1.27 0.00	32.24 1.13 0.00	29.87 1.14 0.00	34.51 1.18 -0.17	46.99 1.51 -1.05	53.64 1.72 -0.64	53.81 1.84 -1.04	55.33 1.95 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.81 2.64 -2.39	85.38 2.83 0.00	75.19 2.36 0.00	68.93 1.56 0.00	70.22 1.61 0.00	58.07 1.59 -1.37	52.08 1.58 -1.97
MUNSVILLE_WIND_PWR 323609	36.48 2.22 0.00	31.59 2.03 0.00	32.53 2.10 0.00	29.89 2.04 0.00	31.26 2.06 0.00	31.06 1.99 0.00	33.32 2.20 0.00	33.33 2.22 0.00	30.78 2.05 0.00	35.55 2.40 0.00	47.83 3.51 0.11	55.24 3.95 -0.01	54.68 3.75 0.00	55.26 3.53 0.00	57.48 3.65 0.00	52.72 3.49 0.00	59.46 3.32 0.00	88.31 6.50 -1.03	91.54 7.65 -1.33	80.87 7.48 -0.57	74.57 7.20 0.00	74.84 6.24 0.00	59.94 4.83 0.00	52.67 4.13 0.00
N SALMON___HYD 24042	34.90 0.64 0.00	29.82 0.26 0.00	30.53 0.10 0.00	27.89 0.03 0.00	29.40 0.19 0.00	29.33 0.25 0.00	31.56 0.43 0.00	32.03 0.91 0.00	29.74 1.01 0.00	34.44 1.29 0.00	46.03 1.60 0.00	52.92 1.64 0.00	52.32 1.40 0.00	53.04 1.31 0.00	55.36 1.53 0.00	50.57 1.34 0.00	57.67 1.53 0.00	82.81 2.03 0.00	84.31 1.76 0.00	74.67 1.84 0.00	69.34 1.96 0.00	70.59 1.98 0.00	56.47 1.36 0.00	49.48 0.94 0.00
N.AKRON__115KV_KNAPP 355671	35.36 1.10 0.00	30.93 1.36 0.00	31.93 1.51 0.00	28.98 1.12 0.00	30.52 1.31 0.00	30.20 1.13 0.00	32.54 1.42 0.00	32.37 1.25 0.00	29.79 1.06 0.00	34.39 1.24 0.00	47.26 2.60 -0.23	54.68 3.40 0.00	53.79 2.87 0.00	54.57 2.84 0.00	57.73 3.90 0.00	52.56 3.33 0.00	60.25 4.11 0.00	86.99 6.20 0.00	90.22 7.66 0.00	79.36 6.54 0.00	72.77 5.40 0.00	73.35 4.74 0.00	59.31 4.19 0.00	52.04 3.50 0.00
N.E_GEN_SANDY PD 24062	34.39 0.46 0.33	30.30 0.73 0.00	31.50 0.84 -0.23	28.57 0.81 0.10	29.70 0.65 0.16	30.22 0.74 -0.41	31.92 0.63 -0.17	31.39 0.27 0.00	28.99 0.23 -0.03	32.06 0.02 1.12	37.44 -0.12 6.87	47.00 -0.11 4.18	44.09 -0.03 6.81	40.91 -0.04 10.79	38.89 -0.32 14.61	38.10 -0.37 10.76	34.54 -0.37 21.23	64.84 -0.27 15.66	82.58 0.02 0.00	72.96 0.12 -0.02	65.54 -0.51 1.33	68.28 -0.33 0.00	45.86 -0.29 8.96	35.55 -0.11 12.88
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.63 1.33 -0.05	30.93 1.37 0.00	31.73 1.31 0.00	29.08 1.22 0.00	30.27 1.06 0.00	30.16 1.08 0.00	32.14 1.01 0.00	31.99 0.87 0.00	29.59 0.86 0.00	34.19 0.88 -0.16	46.55 1.14 -0.98	53.26 1.39 -0.60	53.52 1.61 -0.97	54.97 1.70 -1.54	57.37 1.45 -2.09	52.07 1.30 -1.54	60.64 1.46 -3.04	85.52 2.50 -2.24	85.18 2.63 0.00	74.86 2.04 0.00	68.65 1.27 0.00	69.89 1.29 0.00	57.60 1.20 -1.28	51.60 1.22 -1.84
N.QUEENS_27_KV_LOAD 356247	36.12 1.81 -0.05	31.44 1.88 0.00	32.04 1.62 0.00	29.44 1.58 0.00	30.61 1.40 0.00	30.50 1.43 0.00	32.40 1.28 0.00	32.35 1.23 0.00	29.98 1.25 0.00	34.52 1.19 -0.17	46.92 1.44 -1.05	53.58 1.66 -0.64	53.73 1.76 -1.04	55.19 1.81 -1.65	57.49 1.42 -2.24	52.12 1.25 -1.65	60.70 1.31 -3.25	85.38 2.21 -2.40	84.97 2.41 -0.01	74.82 1.99 -0.01	68.60 1.22 -0.01	69.87 1.26 -0.01	57.88 1.39 -1.37	52.08 1.57 -1.97
N.TROY___115KV_TB1 355778	34.86 0.66 0.06	30.41 0.84 0.00	31.44 1.02 0.00	28.85 0.99 0.00	30.09 0.88 0.00	30.00 0.92 0.00	31.98 0.86 0.00	31.62 0.50 0.00	29.12 0.40 0.00	33.18 0.22 0.20	43.31 0.11 1.24	50.70 0.17 0.75	49.87 0.17 1.23	49.93 0.14 1.94	51.18 -0.02 2.63	47.24 -0.05 1.93	52.36 0.04 3.82	78.29 0.32 2.82	83.40 0.85 0.00	73.76 0.94 0.00	67.75 0.38 0.00	69.14 0.53 0.00	53.82 0.32 1.61	46.59 0.36 2.32
NARROWS_GT1_1 24228	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT1_2 24229	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT1_3 24230	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT1_4 24231	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT1_5 24232	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97

NARROWS_GT1_6 24233	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT1_7 24234	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT1_8 24235	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_1 24236	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_2 24237	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_3 24238	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_4 24239	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_5 24240	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_6 24241	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_7 24242	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NARROWS_GT2_8 24243	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.23 1.36 -1.64	60.87 1.48 -3.24	85.70 2.53 -2.39	85.27 2.72 0.00	75.06 2.24 0.01	68.85 1.48 0.00	70.10 1.50 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.88 0.63 0.02	30.40 0.83 0.00	31.34 0.91 0.00	28.80 0.94 0.00	30.07 0.86 0.00	29.94 0.86 0.00	31.95 0.83 0.00	31.68 0.57 0.00	29.14 0.41 0.00	33.39 0.29 0.06	44.24 0.16 0.35	51.27 0.20 0.21	50.61 0.02 0.34	51.54 0.35 0.55	53.06 -0.02 0.74	48.85 0.16 0.54	54.93 -0.14 1.07	80.10 0.10 0.79	83.30 0.74 0.00	74.01 1.19 0.00	68.20 0.83 0.00	69.48 0.88 0.00	55.27 0.61 0.45	48.35 0.46 0.65
NCHELSEA_115KV_TR2 355582	35.78 1.48 -0.04	31.07 1.51 0.00	31.90 1.48 0.00	29.25 1.39 0.00	30.47 1.26 0.00	30.36 1.29 0.00	32.36 1.24 0.00	32.19 1.07 0.00	29.75 1.03 0.00	34.37 1.08 -0.14	46.68 1.42 -0.84	53.49 1.70 -0.51	53.64 1.88 -0.83	55.05 2.00 -1.32	57.39 1.78 -1.78	52.15 1.60 -1.31	60.69 1.96 -2.59	85.93 3.24 -1.91	86.14 3.58 0.00	75.82 3.00 0.00	69.54 2.17 0.00	70.79 2.18 0.00	58.03 1.83 -1.09	51.77 1.66 -1.57
NEG CAPITAL___MECHNVIL 23645	35.60 1.39 0.05	30.99 1.42 0.00	32.09 1.67 0.00	29.44 1.58 0.00	30.71 1.50 0.00	30.58 1.51 0.00	32.62 1.50 0.00	32.26 1.14 0.00	29.72 0.99 0.00	33.93 0.95 0.17	44.43 1.06 1.06	51.89 1.25 0.64	51.07 1.20 1.05	51.27 1.20 1.66	52.78 1.20 2.25	48.67 1.10 1.66	54.18 1.31 3.27	80.82 2.45 2.41	85.84 3.29 0.00	75.92 3.10 0.00	69.80 2.43 0.00	71.10 2.50 0.00	55.58 1.84 1.38	48.19 1.63 1.98
NEG CENTRAL_HIGH_ACRES 23767	34.37 0.11 0.00	29.85 0.28 0.00	30.74 0.32 0.00	28.02 0.16 0.00	29.41 0.21 0.00	29.19 0.11 0.00	31.35 0.22 0.00	31.25 0.13 0.00	28.79 0.07 0.00	33.33 0.18 0.00	45.50 0.83 -0.24	52.45 1.17 0.00	52.01 1.08 0.00	52.86 1.13 0.00	55.55 1.73 0.00	50.72 1.49 0.00	58.21 2.07 0.00	84.07 3.29 0.00	86.75 4.20 0.00	76.32 3.50 0.00	70.04 2.66 0.00	70.74 2.13 0.00	56.86 1.74 0.00	49.88 1.33 0.00

NEG CENTRAL___DRP 24199	34.89 0.63 0.00	30.26 0.69 0.00	31.13 0.71 0.00	28.42 0.56 0.00	29.80 0.59 0.00	29.60 0.53 0.00	31.81 0.69 0.00	31.69 0.57 0.00	29.17 0.45 0.00	33.66 0.50 0.00	45.52 0.78 -0.31	52.26 0.96 -0.01	51.78 0.85 0.00	52.78 1.05 0.00	55.18 1.35 0.00	50.34 1.11 0.00	57.65 1.50 0.00	85.08 2.70 -1.59	88.29 3.68 -2.06	77.18 3.48 -0.88	70.36 2.99 0.00	71.14 2.53 0.00	57.16 2.05 0.00	50.15 1.61 0.00
NEG CENTRAL___INDECK 23768	36.06 1.80 0.00	31.50 1.93 0.00	32.41 1.99 0.00	29.47 1.61 0.00	30.94 1.74 0.00	30.65 1.57 0.00	33.05 1.93 0.00	32.92 1.80 0.00	30.23 1.50 0.00	34.63 1.47 0.00	49.55 2.22 -2.90	52.98 1.70 0.00	51.95 1.02 0.00	52.92 1.18 0.00	55.59 1.77 0.00	50.73 1.50 0.00	58.35 2.21 0.00	84.27 3.49 0.00	87.39 4.84 0.00	77.76 4.94 0.00	72.28 4.90 0.00	73.03 4.43 0.00	58.66 3.55 0.00	51.33 2.79 0.00
NEG CENTRAL___SENECA 23627	35.14 0.88 0.00	30.49 0.93 0.00	31.35 0.93 0.00	28.60 0.74 0.00	30.00 0.79 0.00	29.77 0.70 0.00	32.04 0.92 0.00	31.91 0.79 0.00	29.39 0.67 0.00	33.91 0.75 0.00	46.01 1.12 -0.46	52.63 1.34 -0.01	52.14 1.21 0.00	53.10 1.36 0.00	55.65 1.82 0.00	50.73 1.50 0.00	58.16 2.02 0.00	85.23 3.56 -0.89	88.47 4.77 -1.14	77.72 4.41 -0.49	71.13 3.76 0.00	71.82 3.21 0.00	57.72 2.61 0.00	50.59 2.05 0.00
NEG CENTRAL___STATE_STREET 24147	34.79 0.53 0.00	30.15 0.58 0.00	31.00 0.58 0.00	28.37 0.51 0.00	29.74 0.53 0.00	29.58 0.50 0.00	31.71 0.59 0.00	31.61 0.49 0.00	29.03 0.30 0.00	33.49 0.33 0.00	45.13 0.56 -0.14	52.11 0.81 -0.02	51.51 0.58 0.00	52.78 1.04 0.00	54.86 1.03 0.00	50.13 0.90 0.00	57.31 1.16 0.00	84.96 2.08 -2.09	87.87 2.61 -2.70	76.67 2.69 -1.16	69.81 2.44 0.00	70.75 2.15 0.00	56.80 1.69 0.00	49.87 1.33 0.00
NEG MILLWOOD___DRP 24198	35.85 1.54 -0.05	31.13 1.57 0.00	31.96 1.54 0.00	29.29 1.43 0.00	30.51 1.30 0.00	30.40 1.33 0.00	32.40 1.28 0.00	32.23 1.11 0.00	29.81 1.09 0.00	34.46 1.15 -0.15	46.90 1.54 -0.93	53.67 1.82 -0.57	53.84 1.98 -0.92	55.30 2.10 -1.47	57.70 1.89 -1.99	52.39 1.70 -1.46	61.07 2.04 -2.88	86.28 3.36 -2.13	86.26 3.71 0.00	75.94 3.12 0.00	69.64 2.27 0.00	70.87 2.26 0.00	58.23 1.90 -1.22	52.00 1.71 -1.75
NEG NORTH_FLCN_SEA 23793	34.85 0.59 0.00	29.86 0.29 0.00	30.53 0.11 0.00	27.92 0.06 0.00	29.33 0.12 0.00	29.29 0.22 0.00	31.49 0.37 0.00	31.90 0.79 0.00	29.59 0.87 0.00	34.18 1.03 0.00	45.49 1.06 0.00	52.15 0.87 0.00	51.45 0.52 0.00	52.16 0.42 0.00	54.34 0.51 0.00	49.76 0.53 0.00	56.81 0.67 0.00	81.67 0.89 0.00	83.22 0.66 0.00	73.56 0.74 0.00	68.04 0.67 0.00	69.28 0.67 0.00	55.36 0.25 0.00	48.60 0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	34.42 0.16 0.00	29.45 -0.12 0.00	30.14 -0.28 0.00	27.55 -0.30 0.00	29.02 -0.18 0.00	28.95 -0.12 0.00	31.17 0.04 0.00	31.60 0.48 0.00	29.36 0.63 0.00	33.96 0.81 0.00	45.32 0.89 0.00	52.03 0.75 0.00	51.49 0.56 0.00	52.23 0.50 0.00	54.47 0.64 0.00	49.85 0.62 0.00	56.83 0.69 0.00	81.53 0.75 0.00	82.89 0.33 0.00	73.32 0.50 0.00	68.09 0.71 0.00	69.38 0.78 0.00	55.50 0.39 0.00	48.68 0.13 0.00
NEG NORTH___ALICE_FALLS 23915	34.96 0.70 0.00	29.94 0.37 0.00	30.61 0.19 0.00	27.98 0.12 0.00	29.42 0.21 0.00	29.36 0.29 0.00	31.58 0.46 0.00	32.02 0.90 0.00	29.72 0.99 0.00	34.38 1.22 0.00	45.80 1.37 0.00	52.55 1.27 0.00	51.92 0.99 0.00	52.55 0.82 0.00	54.76 0.94 0.00	50.14 0.90 0.00	57.25 1.10 0.00	82.30 1.52 0.00	83.95 1.40 0.00	74.34 1.52 0.00	68.83 1.45 0.00	70.03 1.43 0.00	55.95 0.84 0.00	49.07 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	34.96 0.70 0.00	29.94 0.37 0.00	30.61 0.19 0.00	27.98 0.12 0.00	29.42 0.21 0.00	29.36 0.29 0.00	31.58 0.46 0.00	32.02 0.90 0.00	29.72 0.99 0.00	34.38 1.22 0.00	45.80 1.37 0.00	52.55 1.27 0.00	51.92 0.99 0.00	52.55 0.82 0.00	54.76 0.94 0.00	50.14 0.90 0.00	57.25 1.10 0.00	82.30 1.52 0.00	83.95 1.40 0.00	74.34 1.52 0.00	68.83 1.45 0.00	70.03 1.43 0.00	55.95 0.84 0.00	49.07 0.53 0.00
NEG NORTH___PLATTSBURG 23628	34.96 0.70 0.00	29.93 0.37 0.00	30.61 0.19 0.00	27.98 0.12 0.00	29.42 0.21 0.00	29.36 0.29 0.00	31.58 0.46 0.00	32.02 0.90 0.00	29.72 0.99 0.00	34.38 1.22 0.00	45.80 1.37 0.00	52.55 1.27 0.00	51.92 0.99 0.00	52.55 0.82 0.00	54.76 0.94 0.00	50.14 0.90 0.00	57.25 1.10 0.00	82.30 1.52 0.00	83.95 1.40 0.00	74.35 1.52 0.00	68.83 1.45 0.00	70.03 1.43 0.00	55.95 0.84 0.00	49.07 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	34.38 0.12 0.00	30.15 0.59 0.00	31.17 0.75 0.00	28.28 0.42 0.00	29.81 0.60 0.00	29.50 0.42 0.00	31.80 0.68 0.00	31.61 0.49 0.00	29.06 0.33 0.00	33.62 0.47 0.00	46.27 1.64 -0.21	53.54 2.26 0.00	52.67 1.74 0.00	53.46 1.73 0.00	56.59 2.77 0.00	51.47 2.23 0.00	58.97 2.83 0.00	84.82 4.04 0.00	87.63 5.07 0.00	76.74 3.92 0.00	70.26 2.88 0.00	70.80 2.19 0.00	57.51 2.39 0.00	50.63 2.09 0.00
NEG WEST___LANCASTR 23811	34.57 0.31 0.00	30.17 0.61 0.00	31.14 0.72 0.00	28.27 0.41 0.00	29.77 0.56 0.00	29.47 0.40 0.00	31.80 0.68 0.00	31.60 0.48 0.00	29.11 0.38 0.00	33.64 0.49 0.00	46.06 1.46 -0.17	53.50 2.21 0.00	52.82 1.89 0.00	53.68 1.94 0.00	56.79 2.96 0.00	51.67 2.44 0.00	59.29 3.15 0.00	85.47 4.69 0.00	88.23 5.67 0.00	77.08 4.26 0.00	70.64 3.26 0.00	71.14 2.54 0.00	57.68 2.56 0.00	50.73 2.18 0.00
NEG_PENN_ALLEGHNY 23528	34.67 0.40 0.00	30.06 0.50 0.00	30.91 0.49 0.00	28.32 0.46 0.00	29.67 0.46 0.00	29.52 0.45 0.00	31.69 0.57 0.00	31.53 0.41 0.00	29.07 0.34 0.00	33.48 0.33 0.00	44.74 0.59 0.28	52.11 0.82 -0.01	51.72 0.79 0.00	52.59 0.86 0.00	54.90 1.08 0.00	50.16 0.93 0.00	57.35 1.20 0.00	83.88 2.10 -0.99	86.60 2.76 -1.28	75.56 2.19 -0.55	69.09 1.71 0.00	69.91 1.31 0.00	56.38 1.27 0.00	49.58 1.04 0.00
NEG___GEN_MONROE 24207	35.40 1.14 0.00	30.81 1.24 0.00	31.80 1.37 0.00	28.98 1.12 0.00	30.45 1.24 0.00	30.19 1.12 0.00	32.44 1.32 0.00	32.32 1.20 0.00	29.73 1.00 0.00	34.31 1.15 0.00	47.06 2.32 -0.31	54.34 3.06 0.00	53.56 2.63 0.00	54.42 2.69 0.00	57.37 3.54 0.00	52.44 3.21 0.00	60.12 3.97 0.00	86.88 6.10 0.00	89.96 7.41 0.00	79.04 6.22 0.00	72.55 5.17 0.00	73.25 4.65 0.00	58.98 3.86 0.00	51.75 3.20 0.00
NEPA___ENERGY 23901	34.50 0.24 0.00	30.09 0.52 0.00	30.98 0.56 0.00	28.14 0.28 0.00	29.59 0.38 0.00	29.39 0.31 0.00	31.83 0.71 0.00	31.60 0.48 0.00	29.18 0.46 0.00	33.58 0.42 0.00	45.73 1.16 -0.14	53.34 2.06 0.00	52.69 1.76 0.00	53.56 1.83 0.00	56.61 2.79 0.00	51.50 2.27 0.00	59.09 2.95 0.00	85.39 4.61 0.00	88.04 5.49 0.00	76.57 3.75 0.00	70.39 3.01 0.00	70.78 2.18 0.00	57.57 2.46 0.00	50.72 2.17 0.00

NEVERSINK___HYD 23608	35.32 1.03 -0.03	30.58 1.01 0.00	31.35 0.93 0.00	28.74 0.88 0.00	29.92 0.72 0.00	29.81 0.73 0.00	31.80 0.68 0.00	31.66 0.55 0.00	29.29 0.56 0.00	33.86 0.60 -0.11	45.90 0.80 -0.66	52.67 0.98 -0.40	52.77 1.19 -0.66	54.03 1.26 -1.04	56.23 0.99 -1.41	51.13 0.86 -1.04	59.38 1.19 -2.05	84.64 2.35 -1.51	85.41 2.85 0.00	75.14 2.32 0.00	68.94 1.57 0.00	70.12 1.52 0.00	57.16 1.19 -0.86	50.79 1.01 -1.24
NEWKRMKL_115KV_TB1 55635	34.24 0.02 0.04	29.86 0.29 0.00	30.79 0.37 0.00	28.31 0.45 0.00	29.53 0.33 0.00	29.41 0.34 0.00	31.37 0.25 0.00	31.08 -0.04 0.00	28.61 -0.12 0.00	32.70 -0.33 0.13	42.93 -0.69 0.82	50.03 -0.75 0.50	49.41 -0.71 0.81	49.79 -0.65 1.28	51.23 -0.86 1.74	47.16 -0.79 1.28	52.73 -0.89 2.53	77.82 -1.11 1.86	81.78 -0.77 0.00	72.30 -0.52 0.00	66.45 -0.93 0.00	67.76 -0.84 0.00	53.33 -0.72 1.07	46.43 -0.58 1.53
NEWTON___FALLS_HYD 23847	35.06 0.80 0.00	29.98 0.42 0.00	30.89 0.47 0.00	28.34 0.48 0.00	29.80 0.60 0.00	29.91 0.84 0.00	31.96 0.84 0.00	32.11 0.99 0.00	29.52 0.80 0.00	34.21 1.06 0.00	45.97 1.54 0.00	52.73 1.44 -0.01	52.23 1.31 0.00	52.86 1.13 0.00	54.93 1.10 0.00	50.14 0.91 0.00	56.98 0.84 0.00	83.16 1.54 -0.84	85.66 2.05 -1.06	75.40 2.15 -0.43	69.66 2.29 0.00	70.90 2.29 0.00	57.20 2.08 0.00	50.64 2.10 0.00
NGRID_A1_DSASP 323792	34.12 -0.14 0.00	30.00 0.43 0.00	30.97 0.55 0.00	28.18 0.32 0.00	29.68 0.47 0.00	29.34 0.27 0.00	31.55 0.42 0.00	31.32 0.20 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.89 1.27 -0.19	53.24 1.96 0.00	52.56 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.46 2.22 0.00	58.95 2.80 0.00	84.58 3.80 0.00	87.20 4.65 0.00	76.27 3.44 0.00	69.73 2.35 0.00	70.34 1.74 0.00	57.09 1.98 0.00	50.26 1.72 0.00
NGRID_A2_DSASP 323793	34.12 -0.14 0.00	30.00 0.43 0.00	30.97 0.55 0.00	28.18 0.32 0.00	29.68 0.47 0.00	29.34 0.27 0.00	31.55 0.42 0.00	31.32 0.20 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.89 1.27 -0.19	53.24 1.96 0.00	52.56 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.46 2.22 0.00	58.95 2.80 0.00	84.58 3.80 0.00	87.20 4.65 0.00	76.27 3.44 0.00	69.73 2.35 0.00	70.34 1.74 0.00	57.09 1.98 0.00	50.26 1.72 0.00
NGRID_A4_DSASP 323807	34.12 -0.14 0.00	30.00 0.43 0.00	30.97 0.55 0.00	28.18 0.32 0.00	29.68 0.47 0.00	29.34 0.27 0.00	31.55 0.42 0.00	31.32 0.20 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.89 1.27 -0.19	53.24 1.96 0.00	52.56 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.46 2.22 0.00	58.95 2.80 0.00	84.58 3.80 0.00	87.20 4.65 0.00	76.27 3.44 0.00	69.73 2.35 0.00	70.34 1.74 0.00	57.09 1.98 0.00	50.26 1.72 0.00
NIAGARA_115E_LBMP 323715	34.03 -0.23 0.00	29.90 0.34 0.00	30.93 0.50 0.00	28.06 0.20 0.00	29.60 0.39 0.00	29.27 0.20 0.00	31.59 0.47 0.00	31.39 0.27 0.00	28.86 0.13 0.00	33.40 0.24 0.00	45.91 1.29 -0.20	53.23 1.95 0.00	52.37 1.45 0.00	53.10 1.37 0.00	56.22 2.39 0.00	51.16 1.93 0.00	58.59 2.45 0.00	84.15 3.37 0.00	86.84 4.29 0.00	76.05 3.23 0.00	69.57 2.19 0.00	70.16 1.56 0.00	57.04 1.93 0.00	50.30 1.76 0.00
NIAGARA_115W_LBMP 323714	34.05 -0.21 0.00	29.94 0.37 0.00	30.92 0.49 0.00	28.14 0.28 0.00	29.62 0.41 0.00	29.28 0.21 0.00	31.49 0.36 0.00	31.25 0.14 0.00	28.72 -0.01 0.00	33.31 0.15 0.00	45.78 1.16 -0.19	53.11 1.83 0.00	52.44 1.51 0.00	53.23 1.50 0.00	56.39 2.56 0.00	51.32 2.09 0.00	58.79 2.65 0.00	84.37 3.59 0.00	86.97 4.42 0.00	76.09 3.27 0.00	69.56 2.19 0.00	70.18 1.58 0.00	56.97 1.86 0.00	50.14 1.60 0.00
NIAGARA_230_LBMP 323716	34.22 -0.04 0.00	29.99 0.42 0.00	30.99 0.57 0.00	28.16 0.30 0.00	29.67 0.47 0.00	29.35 0.28 0.00	31.62 0.51 0.00	31.41 0.29 0.00	28.88 0.15 0.00	33.47 0.32 0.00	46.00 1.39 -0.18	53.32 2.04 0.00	52.59 1.66 0.00	53.38 1.64 0.00	56.51 2.69 0.00	51.44 2.21 0.00	58.96 2.82 0.00	84.72 3.94 0.00	87.41 4.86 0.00	76.46 3.64 0.00	69.90 2.53 0.00	70.50 1.89 0.00	57.19 2.08 0.00	50.35 1.81 0.00
NIAGARA___115KV_198_GIBSON 55903	34.05 -0.21 0.00	29.93 0.36 0.00	30.92 0.50 0.00	28.11 0.25 0.00	29.64 0.43 0.00	29.28 0.21 0.00	31.48 0.36 0.00	31.25 0.13 0.00	28.71 -0.01 0.00	33.31 0.15 0.00	45.78 1.16 -0.19	53.12 1.84 0.00	52.43 1.50 0.00	53.24 1.50 0.00	56.39 2.56 0.00	51.32 2.09 0.00	58.79 2.65 0.00	84.36 3.58 0.00	86.96 4.41 0.00	76.09 3.27 0.00	69.56 2.19 0.00	70.18 1.58 0.00	56.97 1.86 0.00	50.14 1.60 0.00
NIAGARA____ 23760	34.22 -0.04 0.00	29.99 0.42 0.00	30.99 0.57 0.00	28.16 0.30 0.00	29.67 0.47 0.00	29.35 0.28 0.00	31.62 0.51 0.00	31.41 0.29 0.00	28.88 0.15 0.00	33.47 0.32 0.00	46.01 1.39 -0.19	53.32 2.04 0.00	52.59 1.66 0.00	53.38 1.64 0.00	56.51 2.69 0.00	51.44 2.21 0.00	58.96 2.82 0.00	84.72 3.94 0.00	87.41 4.86 0.00	76.46 3.64 0.00	69.90 2.53 0.00	70.50 1.89 0.00	57.19 2.08 0.00	50.35 1.81 0.00
NINE_MILE_1 23575	33.37 -0.89 0.00	28.88 -0.68 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.41 -0.71 0.00	30.32 -0.80 0.00	27.95 -0.77 0.00	32.26 -0.89 0.00	43.35 -1.08 0.00	49.90 -1.25 0.13	49.69 -1.23 0.00	50.50 -1.24 0.00	52.61 -1.22 0.00	48.12 -1.11 0.00	54.92 -1.23 0.00	65.00 -1.68 14.09	62.96 -1.39 18.20	63.78 -1.19 7.86	66.18 -1.20 0.00	67.21 -1.40 0.00	54.02 -1.09 0.00	47.56 -0.98 0.00
NINE_MILE_2 23744	33.37 -0.89 0.00	28.88 -0.68 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.41 -0.71 0.00	30.32 -0.80 0.00	27.95 -0.77 0.00	32.26 -0.89 0.00	43.35 -1.08 0.00	49.90 -1.25 0.13	49.69 -1.23 0.00	50.50 -1.24 0.00	52.61 -1.22 0.00	48.12 -1.11 0.00	54.92 -1.23 0.00	64.79 -1.68 14.31	62.69 -1.39 18.48	63.66 -1.19 7.98	66.18 -1.20 0.00	67.21 -1.40 0.00	54.02 -1.09 0.00	47.56 -0.98 0.00
NM_CAPITAL___DRP 24208	34.26 0.04 0.04	29.89 0.33 0.00	30.85 0.42 0.00	28.35 0.49 0.00	29.57 0.37 0.00	29.46 0.38 0.00	31.40 0.28 0.00	31.10 -0.02 0.00	28.62 -0.10 0.00	32.68 -0.33 0.15	42.87 -0.66 0.91	50.01 -0.72 0.55	49.35 -0.68 0.90	49.66 -0.64 1.43	51.03 -0.87 1.93	47.00 -0.81 1.42	52.43 -0.91 2.81	77.56 -1.15 2.07	81.74 -0.81 0.00	72.29 -0.53 0.00	66.40 -0.97 0.00	67.74 -0.87 0.00	53.20 -0.73 1.19	46.27 -0.57 1.70
NM_CENTRAL___DRP 24181	34.09 -0.17 0.00	29.51 -0.06 0.00	30.38 -0.04 0.00	27.81 -0.05 0.00	29.13 -0.08 0.00	28.98 -0.09 0.00	31.06 -0.06 0.00	30.94 -0.17 0.00	28.51 -0.21 0.00	32.91 -0.24 0.00	44.27 -0.16 0.00	51.17 -0.13 -0.01	50.84 -0.09 0.00	51.67 -0.06 0.00	53.86 0.04 0.00	49.25 0.02 0.00	56.27 0.13 0.00	82.55 0.39 -1.39	85.24 0.90 -1.78	74.38 0.80 -0.76	67.92 0.54 0.00	68.89 0.28 0.00	55.34 0.23 0.00	48.67 0.13 0.00

NM_FRONTIER___DRP 24179	34.05 -0.21 0.00	29.93 0.36 0.00	30.92 0.50 0.00	28.11 0.25 0.00	29.64 0.43 0.00	29.28 0.21 0.00	31.48 0.36 0.00	31.25 0.13 0.00	28.71 -0.01 0.00	33.31 0.15 0.00	45.78 1.16 -0.19	53.12 1.84 0.00	52.43 1.50 0.00	53.24 1.50 0.00	56.39 2.56 0.00	51.32 2.09 0.00	58.79 2.65 0.00	84.36 3.58 0.00	86.96 4.41 0.00	76.09 3.27 0.00	69.56 2.19 0.00	70.18 1.58 0.00	56.97 1.86 0.00	50.14 1.60 0.00
NM_ST_REGIS___HYD 24053	34.91 0.65 0.00	29.78 0.22 0.00	30.52 0.10 0.00	27.87 0.01 0.00	29.39 0.18 0.00	29.32 0.25 0.00	31.47 0.35 0.00	31.92 0.80 0.00	29.55 0.83 0.00	34.25 1.09 0.00	45.87 1.44 0.00	52.71 1.43 0.00	52.10 1.17 0.00	52.83 1.09 0.00	55.11 1.29 0.00	50.32 1.09 0.00	57.40 1.26 0.00	82.40 1.61 0.00	83.90 1.35 0.00	74.36 1.54 0.00	69.24 1.86 0.00	70.57 1.96 0.00	56.63 1.52 0.00	49.68 1.14 0.00
NORTHPORT___1 23551	35.34 1.03 -0.05	30.85 1.29 0.00	31.65 1.23 0.00	29.08 1.22 0.00	30.19 0.99 0.00	30.16 1.09 0.00	31.93 0.82 0.00	31.83 0.71 0.00	29.22 0.50 0.00	33.95 0.62 -0.17	46.30 0.82 -1.05	51.89 -0.03 -0.64	52.13 0.16 -1.03	50.23 0.38 1.88	50.20 -0.51 3.12	49.24 -0.34 -0.35	49.30 -0.65 6.19	32.81 -0.91 47.06	43.83 -0.69 38.03	72.50 -0.31 0.01	52.83 -1.06 13.49	16.27 -0.81 51.52	18.98 -0.30 35.84	33.42 0.00 15.12
NORTHPORT___2 23552	35.34 1.03 -0.05	30.85 1.29 0.00	31.65 1.23 0.00	29.08 1.22 0.00	30.19 0.99 0.00	30.16 1.09 0.00	31.93 0.82 0.00	31.83 0.71 0.00	29.22 0.50 0.00	33.95 0.62 -0.17	46.30 0.82 -1.05	51.89 -0.03 -0.64	52.13 0.16 -1.03	50.23 0.38 1.88	50.20 -0.51 3.12	49.24 -0.34 -0.35	49.30 -0.65 6.19	32.81 -0.91 47.06	43.83 -0.69 38.03	72.50 -0.31 0.01	52.83 -1.06 13.49	16.27 -0.81 51.52	18.98 -0.30 35.84	33.42 0.00 15.12
NORTHPORT___3 23553	35.25 0.94 -0.05	30.77 1.21 0.00	31.55 1.13 0.00	28.97 1.11 0.00	30.08 0.88 0.00	30.04 0.97 0.00	31.84 0.72 0.00	31.67 0.55 0.00	29.06 0.33 0.00	33.76 0.44 -0.17	46.05 0.58 -1.05	47.54 -0.08 3.66	46.93 0.18 4.18	46.91 0.26 5.08	46.91 -0.50 6.42	46.95 -0.33 1.95	44.56 -0.64 10.94	17.92 -0.73 62.13	17.50 -0.51 64.54	17.33 -0.09 55.40	43.48 -0.86 23.03	16.38 -0.94 51.29	19.03 -0.43 35.65	33.48 -0.03 15.03
NORTHPORT___4 23650	35.25 0.94 -0.05	30.77 1.21 0.00	31.55 1.13 0.00	28.97 1.11 0.00	30.08 0.88 0.00	30.04 0.97 0.00	31.84 0.72 0.00	31.67 0.55 0.00	29.06 0.33 0.00	33.76 0.44 -0.17	46.05 0.58 -1.05	47.54 -0.08 3.66	46.93 0.18 4.18	46.91 0.26 5.08	46.91 -0.50 6.42	46.95 -0.33 1.95	44.56 -0.64 10.94	17.92 -0.73 62.13	17.50 -0.51 64.54	17.33 -0.09 55.40	43.48 -0.86 23.03	16.38 -0.94 51.29	19.03 -0.43 35.65	33.48 -0.03 15.03
NORTHPORT___IC 23718	35.34 1.03 -0.05	30.85 1.29 0.00	31.65 1.23 0.00	29.08 1.22 0.00	30.19 0.99 0.00	30.16 1.09 0.00	31.94 0.82 0.00	31.83 0.71 0.00	29.22 0.50 0.00	33.95 0.62 -0.17	46.28 0.80 -1.05	51.88 -0.04 -0.64	52.12 0.16 -1.03	50.21 0.36 1.88	50.20 -0.51 3.12	49.23 -0.35 -0.35	49.32 -0.64 6.19	32.81 -0.91 47.06	43.83 -0.69 38.03	72.50 -0.31 0.01	52.84 -1.04 13.49	16.30 -0.78 51.52	19.02 -0.26 35.84	33.45 0.03 15.12
NORTH___COUNTRY_ESR 323785	34.32 0.05 0.00	29.35 -0.21 0.00	30.04 -0.38 0.00	27.47 -0.38 0.00	28.95 -0.25 0.00	28.88 -0.19 0.00	31.08 -0.04 0.00	31.52 0.40 0.00	29.28 0.55 0.00	33.89 0.73 0.00	45.25 0.81 0.00	52.01 0.73 0.00	51.48 0.55 0.00	52.22 0.49 0.00	54.46 0.64 0.00	49.85 0.62 0.00	56.82 0.68 0.00	81.52 0.74 0.00	82.89 0.33 0.00	73.21 0.39 0.00	67.85 0.48 0.00	69.14 0.53 0.00	55.31 0.19 0.00	48.52 -0.02 0.00
NPX_GEN_1385_PROXY 323591	35.09 0.78 -0.05	30.64 1.08 0.00	31.79 1.17 -0.19	28.63 1.12 0.35	30.08 0.87 0.00	30.16 1.09 0.00	31.93 0.82 0.00	30.36 0.71 1.47	29.21 0.49 0.00	33.92 0.60 -0.17	46.05 0.57 -1.05	51.61 -0.30 -0.64	51.63 -0.34 -1.03	49.39 -0.46 1.88	49.32 -1.39 3.12	46.08 -1.27 1.89	48.55 -1.40 6.19	32.03 -1.69 47.06	43.08 -1.45 38.03	72.16 -0.65 0.01	52.44 -1.45 13.49	16.21 -0.87 51.52	18.97 -0.31 35.84	33.23 -0.19 15.12
NPX_GEN_CSC 323557	35.30 0.98 -0.05	30.78 1.21 0.00	31.74 1.12 -0.19	28.81 1.30 0.35	30.20 0.99 0.00	30.22 1.15 0.00	31.77 0.65 0.00	30.25 0.61 1.47	29.22 0.49 0.00	33.99 0.66 -0.17	46.45 0.97 -1.05	52.33 0.42 -0.64	52.71 0.74 -1.04	54.22 1.07 -1.42	55.81 0.10 -1.88	50.92 0.13 -1.56	58.79 0.03 -2.62	79.87 -0.06 0.85	80.22 0.16 2.49	73.25 0.43 0.00	53.87 -0.24 13.27	26.71 0.17 42.07	24.18 0.32 31.26	34.05 0.36 14.85
NSINS_S_GLNS_FALLS 23858	35.96 1.74 0.04	31.33 1.76 0.00	32.77 2.34 0.00	30.04 2.18 0.00	31.30 2.09 0.00	31.07 2.00 0.00	33.22 2.10 0.00	32.68 1.57 0.00	30.03 1.30 0.00	34.17 1.17 0.15	44.63 1.12 0.92	52.13 1.40 0.56	51.18 1.17 0.92	51.30 1.02 1.45	52.92 1.06 1.96	48.74 0.96 1.45	54.46 1.17 2.86	81.25 2.57 2.11	86.69 4.14 0.00	76.75 3.93 0.00	70.71 3.33 0.00	71.96 3.36 0.00	56.36 2.45 1.21	48.97 2.16 1.73
NUCOR_STEEL___DRP 24197	34.73 0.47 0.00	30.10 0.54 0.00	30.95 0.52 0.00	28.33 0.47 0.00	29.70 0.49 0.00	29.54 0.47 0.00	31.65 0.53 0.00	31.54 0.43 0.00	28.97 0.25 0.00	33.41 0.25 0.00	45.01 0.47 -0.10	52.03 0.73 -0.02	51.43 0.51 0.00	52.62 0.88 0.00	54.77 0.95 0.00	50.07 0.84 0.00	57.22 1.08 0.00	84.96 1.94 -2.23	87.83 2.39 -2.88	76.47 2.41 -1.24	69.52 2.14 0.00	70.50 1.90 0.00	56.64 1.53 0.00	49.77 1.23 0.00
NUMBER_THREE_WT_PWR 323818	35.11 0.85 0.00	30.09 0.52 0.00	31.15 0.72 0.00	28.75 0.90 0.00	30.19 0.98 0.00	30.46 1.39 0.00	32.45 1.33 0.00	32.32 1.20 0.00	29.55 0.83 0.00	34.17 1.02 0.00	46.01 1.58 0.00	52.69 1.40 -0.01	52.38 1.45 0.00	52.93 1.20 0.00	54.86 1.04 0.00	50.09 0.86 0.00	56.69 0.55 0.00	83.40 1.56 -1.06	86.40 2.54 -1.31	75.77 2.43 -0.52	69.67 2.30 0.00	70.75 2.14 0.00	57.37 2.26 0.00	51.29 2.74 0.00
NYISO_LBMP_REFERENCE 24008	34.26 0.00 0.00	29.57 0.00 0.00	30.42 0.00 0.00	27.86 0.00 0.00	29.21 0.00 0.00	29.07 0.00 0.00	31.12 0.00 0.00	31.12 0.00 0.00	28.73 0.00 0.00	33.15 0.00 0.00	44.43 0.00 0.00	51.28 0.00 0.00	50.93 0.00 0.00	51.73 0.00 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.14 0.00 0.00	80.78 0.00 0.00	82.56 0.00 0.00	72.82 0.00 0.00	67.37 0.00 0.00	68.61 0.00 0.00	55.11 0.00 0.00	48.54 0.00 0.00
NYPA_BRENTWD____GT 24164	35.83 1.51 -0.05	31.26 1.69 0.00	32.05 1.62 0.00	29.44 1.59 0.00	30.57 1.36 0.00	30.53 1.45 0.00	32.33 1.21 0.00	32.23 1.11 0.00	29.65 0.92 0.00	34.47 1.15 -0.17	47.10 1.62 -1.05	53.05 1.13 -0.64	53.35 1.38 -1.04	54.80 1.71 -1.35	56.47 0.86 -1.78	51.58 0.81 -1.53	59.33 0.74 -2.45	80.14 1.12 1.76	80.81 1.44 3.19	74.35 1.52 0.00	54.95 0.58 13.00	27.99 0.81 41.43	25.49 1.07 30.70	35.12 1.09 14.51

NYPA_GOWANUS____GT5 24156	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.22 1.36 -1.64	60.85 1.47 -3.24	85.66 2.49 -2.39	85.25 2.70 0.00	75.05 2.24 0.01	68.83 1.46 0.00	70.07 1.47 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NYPA_GOWANUS____GT6 24157	36.07 1.76 -0.05	31.36 1.79 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.98 1.50 -1.05	53.53 1.61 -0.64	53.71 1.75 -1.03	55.25 1.87 -1.65	57.60 1.55 -2.22	52.22 1.36 -1.64	60.85 1.47 -3.24	85.66 2.49 -2.39	85.25 2.70 0.00	75.05 2.24 0.01	68.83 1.46 0.00	70.07 1.47 0.00	57.94 1.46 -1.37	52.16 1.65 -1.97
NYPA_HARLEM__RVR__GT1 24160	36.05 1.74 -0.05	31.37 1.80 0.00	31.99 1.57 0.00	29.37 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.34 1.22 0.00	32.28 1.17 0.00	29.92 1.19 0.00	34.46 1.14 -0.17	46.85 1.37 -1.05	53.48 1.56 -0.64	53.61 1.65 -1.03	55.07 1.68 -1.65	57.39 1.32 -2.24	51.99 1.11 -1.65	60.54 1.15 -3.25	85.19 2.01 -2.40	84.74 2.18 -0.01	74.64 1.81 -0.01	68.44 1.06 -0.01	69.69 1.08 -0.01	57.69 1.20 -1.37	51.97 1.46 -1.97
NYPA_HARLEM__RVR__GT2 24161	36.05 1.74 -0.05	31.37 1.80 0.00	31.99 1.57 0.00	29.37 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.34 1.22 0.00	32.28 1.17 0.00	29.92 1.19 0.00	34.46 1.14 -0.17	46.85 1.37 -1.05	53.48 1.56 -0.64	53.61 1.65 -1.03	55.07 1.68 -1.65	57.39 1.32 -2.24	51.99 1.11 -1.65	60.54 1.15 -3.25	85.19 2.01 -2.40	84.74 2.18 -0.01	74.64 1.81 -0.01	68.44 1.06 -0.01	69.69 1.08 -0.01	57.69 1.20 -1.37	51.97 1.46 -1.97
NYPA_KENT____GT 24152	36.02 1.71 -0.05	31.34 1.77 0.00	32.03 1.61 0.00	29.37 1.51 0.00	30.56 1.35 0.00	30.44 1.37 0.00	32.39 1.27 0.00	32.29 1.17 0.00	29.92 1.20 0.00	34.52 1.20 -0.17	46.96 1.49 -1.05	53.50 1.58 -0.64	53.64 1.68 -1.03	53.49 1.77 0.01	55.10 1.44 0.17	51.39 1.25 -0.90	56.94 1.33 0.53	73.97 2.31 9.13	73.39 2.49 11.65	66.50 2.06 8.38	61.66 1.29 7.01	62.98 1.35 6.98	55.42 1.35 1.04	52.05 1.55 -1.97
NYPA_POUCH1____GT 24155	36.02 1.71 -0.05	31.31 1.74 0.00	31.97 1.55 0.00	29.31 1.45 0.00	30.48 1.28 0.00	30.37 1.30 0.00	32.31 1.19 0.00	32.22 1.10 0.00	29.86 1.13 0.00	34.45 1.12 -0.17	46.88 1.40 -1.05	53.36 1.45 -0.64	53.55 1.58 -1.03	55.10 1.72 -1.65	57.44 1.39 -2.22	52.10 1.24 -1.64	60.72 1.33 -3.24	85.46 2.29 -2.39	85.01 2.46 0.00	74.85 2.04 0.01	68.64 1.28 0.00	69.85 1.25 0.00	57.79 1.31 -1.37	52.05 1.54 -1.97
NYPA_VERNON____GT2 24162	35.98 1.66 -0.05	31.32 1.76 0.00	32.03 1.61 0.00	29.38 1.52 0.00	30.56 1.36 0.00	30.45 1.37 0.00	32.40 1.28 0.00	32.29 1.17 0.00	29.93 1.20 0.00	34.53 1.20 -0.17	46.95 1.48 -1.05	53.48 1.57 -0.64	53.57 1.61 -1.03	51.73 1.66 1.66	52.60 1.33 2.56	50.54 1.15 -0.17	53.09 1.24 4.29	62.30 2.17 20.65	61.61 2.35 23.30	58.00 1.94 16.76	54.55 1.19 14.01	55.87 1.22 13.95	52.91 1.25 3.45	51.93 1.42 -1.96
NYPA_VERNON____GT3 24163	35.98 1.66 -0.05	31.32 1.76 0.00	32.03 1.61 0.00	29.38 1.52 0.00	30.56 1.36 0.00	30.45 1.37 0.00	32.40 1.28 0.00	32.29 1.17 0.00	29.93 1.20 0.00	34.53 1.20 -0.17	46.95 1.48 -1.05	53.48 1.57 -0.64	53.57 1.61 -1.03	51.73 1.66 1.66	52.60 1.33 2.56	50.54 1.15 -0.17	53.09 1.24 4.29	62.30 2.17 20.65	61.61 2.35 23.30	58.00 1.94 16.76	54.55 1.19 14.01	55.87 1.22 13.95	52.91 1.25 3.45	51.93 1.42 -1.96
NYPA__ASTORIA_CC1 323568	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.57 0.00	29.34 1.48 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.13 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.87 1.39 -1.05	53.37 1.46 -0.64	53.44 1.48 -1.03	50.89 1.51 2.36	51.43 1.18 3.58	50.11 1.03 0.15	51.34 1.09 5.90	57.18 1.94 25.54	56.42 2.12 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.71 1.03 16.92	51.72 1.08 4.47	51.82 1.32 -1.96
NYPA__ASTORIA_CC2 323569	35.93 1.62 -0.05	31.30 1.73 0.00	31.99 1.57 0.00	29.34 1.48 0.00	30.53 1.32 0.00	30.41 1.34 0.00	32.36 1.24 0.00	32.25 1.13 0.00	29.90 1.17 0.00	34.48 1.15 -0.17	46.87 1.39 -1.05	53.37 1.46 -0.64	53.44 1.48 -1.03	50.89 1.51 2.36	51.43 1.18 3.58	50.11 1.03 0.15	51.34 1.09 5.90	57.18 1.94 25.54	56.42 2.12 28.25	54.23 1.73 20.32	51.38 1.00 16.99	52.71 1.03 16.92	51.72 1.08 4.47	51.82 1.32 -1.96
NYPA__HOLTSVILL 23794	35.48 1.17 -0.05	30.98 1.42 0.00	31.78 1.36 0.00	29.24 1.38 0.00	30.34 1.13 0.00	30.31 1.24 0.00	32.05 0.93 0.00	31.96 0.84 0.00	29.40 0.68 0.00	34.14 0.81 -0.17	46.64 1.16 -1.05	52.51 0.59 -0.64	52.85 0.88 -1.04	54.36 1.20 -1.43	56.03 0.30 -1.90	51.14 0.35 -1.56	58.97 0.18 -2.66	80.24 0.13 0.67	80.61 0.40 2.35	73.43 0.61 0.00	53.95 -0.13 13.29	26.80 0.29 42.09	24.38 0.55 31.29	34.27 0.60 14.87
NYPA__HELLGATE_GT1 24158	36.05 1.74 -0.05	31.37 1.80 0.00	31.99 1.57 0.00	29.37 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.34 1.22 0.00	32.28 1.17 0.00	29.92 1.19 0.00	34.46 1.14 -0.17	46.85 1.37 -1.05	53.48 1.56 -0.64	53.61 1.65 -1.03	55.07 1.68 -1.65	57.39 1.32 -2.24	51.99 1.11 -1.65	60.54 1.15 -3.25	85.19 2.01 -2.40	84.74 2.18 -0.01	74.64 1.81 -0.01	68.44 1.06 -0.01	69.69 1.08 -0.01	57.69 1.20 -1.37	51.97 1.46 -1.97
NYPA__HELLGATE_GT2 24159	36.05 1.74 -0.05	31.37 1.80 0.00	31.99 1.57 0.00	29.37 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.34 1.22 0.00	32.28 1.17 0.00	29.92 1.19 0.00	34.46 1.14 -0.17	46.85 1.37 -1.05	53.48 1.56 -0.64	53.61 1.65 -1.03	55.07 1.68 -1.65	57.39 1.32 -2.24	51.99 1.11 -1.65	60.54 1.15 -3.25	85.19 2.01 -2.40	84.74 2.18 -0.01	74.64 1.81 -0.01	68.44 1.06 -0.01	69.69 1.08 -0.01	57.69 1.20 -1.37	51.97 1.46 -1.97
NYS_BARGE____HYD 23848	34.50 0.23 0.00	30.26 0.70 0.00	31.28 0.85 0.00	28.38 0.52 0.00	29.91 0.71 0.00	29.59 0.52 0.00	31.92 0.80 0.00	31.71 0.59 0.00	29.16 0.43 0.00	33.74 0.59 0.00	46.43 1.79 -0.21	53.75 2.47 0.00	52.89 1.96 0.00	53.67 1.94 0.00	56.83 3.00 0.00	51.69 2.46 0.00	59.23 3.09 0.00	85.19 4.41 0.00	88.02 5.46 0.00	77.12 4.30 0.00	70.60 3.22 0.00	71.16 2.55 0.00	57.78 2.67 0.00	50.86 2.32 0.00
OAK ORCHARD____HYD 24046	35.05 0.79 0.00	30.49 0.92 0.00	31.42 1.00 0.00	28.62 0.76 0.00	30.06 0.85 0.00	29.81 0.74 0.00	32.04 0.92 0.00	31.91 0.79 0.00	29.40 0.68 0.00	34.02 0.86 0.00	46.64 1.90 -0.31	53.72 2.43 0.00	53.16 2.23 0.00	54.01 2.28 0.00	56.88 3.05 0.00	51.97 2.74 0.00	59.60 3.46 0.00	86.01 5.23 0.00	88.74 6.18 0.00	78.00 5.18 0.00	71.53 4.16 0.00	72.24 3.64 0.00	58.15 3.04 0.00	50.98 2.44 0.00

OAKDALE___35_KV_LOAD 356122	34.49 0.23 0.00	29.92 0.35 0.00	30.77 0.34 0.00	28.19 0.33 0.00	29.55 0.34 0.00	29.39 0.32 0.00	31.55 0.43 0.00	31.38 0.26 0.00	28.93 0.21 0.00	33.32 0.16 0.00	44.47 0.33 0.29	51.82 0.53 -0.01	51.41 0.48 0.00	52.26 0.53 0.00	54.57 0.74 0.00	49.83 0.60 0.00	56.95 0.81 0.00	83.25 1.51 -0.97	85.89 2.08 -1.25	74.95 1.59 -0.54	68.57 1.19 0.00	69.44 0.83 0.00	56.02 0.91 0.00	49.29 0.75 0.00
OCC_CHEM___DRP 24175	34.11 -0.15 0.00	29.98 0.42 0.00	30.98 0.55 0.00	28.16 0.30 0.00	29.69 0.48 0.00	29.33 0.26 0.00	31.55 0.42 0.00	31.31 0.19 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.88 1.27 -0.19	53.24 1.96 0.00	52.57 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.45 2.22 0.00	58.94 2.80 0.00	84.58 3.80 0.00	87.18 4.63 0.00	76.27 3.45 0.00	69.74 2.36 0.00	70.35 1.74 0.00	57.09 1.98 0.00	50.27 1.73 0.00
OH_GEN_PROXY 24063	34.21 -0.05 0.00	29.96 0.39 0.00	31.16 0.54 -0.19	27.79 0.28 0.35	29.64 0.44 0.00	29.33 0.26 0.00	31.60 0.48 0.00	29.92 0.27 1.47	28.87 0.15 0.00	33.47 0.32 0.00	45.96 1.36 -0.17	53.29 2.01 0.00	52.57 1.65 0.00	53.35 1.62 0.00	56.47 2.64 0.00	51.43 2.20 0.00	58.96 2.82 0.00	84.76 3.98 0.00	87.43 4.87 0.00	76.46 3.64 0.00	69.90 2.53 0.00	70.50 1.89 0.00	57.16 2.05 0.00	50.31 1.77 0.00
OLIN_CORP_DRP 24177	34.10 -0.16 0.00	29.94 0.37 0.00	30.97 0.55 0.00	28.10 0.25 0.00	29.63 0.42 0.00	29.32 0.25 0.00	31.63 0.51 0.00	31.43 0.32 0.00	28.89 0.16 0.00	33.45 0.30 0.00	46.00 1.37 -0.19	53.33 2.04 0.00	52.48 1.56 0.00	53.23 1.50 0.00	56.35 2.52 0.00	51.29 2.06 0.00	58.74 2.59 0.00	84.39 3.61 0.00	87.07 4.51 0.00	76.23 3.41 0.00	69.73 2.36 0.00	70.33 1.73 0.00	57.15 2.04 0.00	50.39 1.84 0.00
OLIN_CORP_DSASP 323712	34.12 -0.14 0.00	30.00 0.43 0.00	30.97 0.55 0.00	28.18 0.32 0.00	29.68 0.47 0.00	29.34 0.27 0.00	31.55 0.42 0.00	31.32 0.20 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.89 1.27 -0.19	53.24 1.96 0.00	52.56 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.46 2.22 0.00	58.95 2.80 0.00	84.58 3.80 0.00	87.20 4.65 0.00	76.27 3.44 0.00	69.73 2.35 0.00	70.34 1.74 0.00	57.09 1.98 0.00	50.26 1.72 0.00
ONEIDA_HERK_LFGE 323681	35.19 0.92 0.00	30.30 0.73 0.00	31.26 0.83 0.00	28.67 0.81 0.00	29.21 0.01 0.00	29.10 0.03 0.00	31.48 0.36 0.00	31.35 0.23 0.00	28.91 0.18 0.00	33.33 0.17 0.00	44.61 0.18 0.00	51.48 0.20 0.00	51.15 0.22 0.00	51.91 0.18 0.00	53.96 0.13 0.00	49.38 0.14 0.00	56.27 0.12 0.00	81.11 0.33 0.00	83.78 1.02 -0.21	75.77 2.65 -0.29	69.76 2.38 0.00	70.89 2.29 0.00	57.11 1.99 0.00	50.55 2.00 0.00
ONEIDA___115KV_TB4 55905	35.30 1.04 0.00	30.48 0.92 0.00	31.39 0.97 0.00	28.78 0.93 0.00	30.14 0.93 0.00	30.06 0.98 0.00	32.17 1.04 0.00	32.08 0.96 0.00	29.54 0.81 0.00	34.08 0.92 0.00	45.83 1.40 0.00	52.88 1.59 -0.01	52.45 1.52 0.00	53.11 1.38 0.00	55.45 1.63 0.00	50.61 1.38 0.00	57.75 1.61 0.00	84.24 2.66 -0.79	86.92 3.36 -1.01	76.53 3.29 -0.41	70.36 2.99 0.00	71.37 2.77 0.00	57.29 2.18 0.00	50.40 1.85 0.00
ONONDAGA_REF_OCCRA 23987	34.33 0.06 0.00	29.71 0.14 0.00	30.56 0.14 0.00	27.98 0.12 0.00	29.30 0.10 0.00	29.16 0.09 0.00	31.25 0.13 0.00	31.14 0.02 0.00	28.70 -0.03 0.00	33.12 -0.04 0.00	44.53 0.10 0.00	51.47 0.17 -0.02	51.11 0.19 0.00	51.95 0.22 0.00	54.20 0.37 0.00	49.54 0.31 0.00	56.61 0.47 0.00	83.34 0.90 -1.65	86.14 1.46 -2.12	75.06 1.32 -0.91	68.41 1.04 0.00	69.37 0.77 0.00	55.72 0.61 0.00	49.00 0.46 0.00
ONONDAGA___COGEN 23986	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.13 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.15 -0.15 -0.02	50.79 -0.14 0.00	51.71 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.65 0.38 -2.49	86.66 0.89 -3.21	75.05 0.84 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.40 0.29 0.00	48.74 0.20 0.00
ONTARIO___LFGE 23819	35.14 0.88 0.00	30.49 0.93 0.00	31.35 0.93 0.00	28.60 0.74 0.00	30.00 0.79 0.00	29.77 0.70 0.00	32.04 0.91 0.00	31.91 0.79 0.00	29.39 0.67 0.00	33.91 0.75 0.00	46.01 1.12 -0.46	52.63 1.34 -0.01	52.15 1.22 0.00	53.09 1.36 0.00	55.65 1.82 0.00	50.73 1.49 0.00	58.17 2.03 0.00	85.23 3.56 -0.89	88.46 4.76 -1.14	77.72 4.41 -0.49	71.13 3.76 0.00	71.81 3.21 0.00	57.72 2.61 0.00	50.60 2.05 0.00
ORANGEVILLE_WT_PWR 323706	34.44 0.18 0.00	30.06 0.50 0.00	31.03 0.60 0.00	28.14 0.28 0.00	29.59 0.38 0.00	29.30 0.23 0.00	31.71 0.59 0.00	31.48 0.36 0.00	28.84 0.12 0.00	33.21 0.06 0.00	41.00 0.68 4.12	52.55 1.27 0.00	51.81 0.88 0.00	52.62 0.89 0.00	55.45 1.63 0.00	50.44 1.21 0.00	57.90 1.76 0.00	83.59 2.81 0.00	86.63 4.08 0.00	76.29 3.47 0.00	70.21 2.83 0.00	70.77 2.17 0.00	57.30 2.19 0.00	50.46 1.91 0.00
ORANGEVILLE___ESR 323794	34.44 0.18 0.00	30.06 0.50 0.00	31.03 0.60 0.00	28.14 0.28 0.00	29.59 0.38 0.00	29.30 0.23 0.00	31.71 0.59 0.00	31.48 0.36 0.00	28.84 0.12 0.00	33.21 0.06 0.00	41.00 0.68 4.12	52.55 1.27 0.00	51.81 0.88 0.00	52.62 0.89 0.00	55.45 1.63 0.00	50.44 1.21 0.00	57.90 1.76 0.00	83.59 2.81 0.00	86.63 4.08 0.00	76.29 3.47 0.00	70.21 2.83 0.00	70.77 2.17 0.00	57.30 2.19 0.00	50.46 1.91 0.00
OSWEGATCHIE___HYD 24044	35.06 0.80 0.00	29.98 0.42 0.00	30.89 0.47 0.00	28.34 0.48 0.00	29.80 0.60 0.00	29.91 0.84 0.00	31.96 0.84 0.00	32.11 0.99 0.00	29.52 0.80 0.00	34.21 1.06 0.00	45.97 1.54 0.00	52.73 1.44 -0.01	52.23 1.31 0.00	52.86 1.13 0.00	54.93 1.10 0.00	50.14 0.91 0.00	56.98 0.84 0.00	83.16 1.54 -0.84	85.66 2.05 -1.06	75.40 2.16 -0.43	69.66 2.29 0.00	70.90 2.29 0.00	57.20 2.08 0.00	50.64 2.10 0.00
OSWEGO___5 23606	33.64 -0.62 0.00	29.12 -0.45 0.00	29.98 -0.44 0.00	27.44 -0.41 0.00	28.76 -0.45 0.00	28.62 -0.45 0.00	30.66 -0.46 0.00	30.57 -0.55 0.00	28.18 -0.55 0.00	32.52 -0.64 0.00	43.70 -0.73 0.00	50.56 -0.81 -0.09	50.11 -0.82 0.00	50.91 -0.82 0.00	53.04 -0.78 0.00	48.51 -0.72 0.00	55.38 -0.77 0.00	90.30 -1.00 -10.51	95.48 -0.65 -13.58	78.13 -0.54 -5.86	66.75 -0.62 0.00	67.78 -0.82 0.00	54.49 -0.62 0.00	47.97 -0.57 0.00
OSWEGO___6 23613	33.64 -0.62 0.00	29.12 -0.45 0.00	29.98 -0.44 0.00	27.44 -0.41 0.00	28.76 -0.45 0.00	28.62 -0.45 0.00	30.66 -0.46 0.00	30.57 -0.55 0.00	28.18 -0.55 0.00	32.52 -0.64 0.00	43.70 -0.73 0.00	50.56 -0.81 -0.09	50.11 -0.82 0.00	50.91 -0.82 0.00	53.04 -0.78 0.00	48.51 -0.72 0.00	55.38 -0.77 0.00	90.30 -1.00 -10.51	95.48 -0.65 -13.58	78.13 -0.54 -5.86	66.75 -0.62 0.00	67.78 -0.82 0.00	54.49 -0.62 0.00	47.97 -0.57 0.00

OUTOKUMPU-AB___DRP 24206	34.93 0.67 0.00	30.60 1.04 0.00	31.61 1.19 0.00	28.69 0.83 0.00	30.23 1.02 0.00	29.89 0.81 0.00	32.20 1.08 0.00	31.98 0.86 0.00	29.42 0.70 0.00	34.11 0.95 0.00	46.92 2.29 -0.20	54.47 3.19 0.00	53.76 2.84 0.00	54.62 2.88 0.00	57.86 4.04 0.00	52.58 3.34 0.00	60.21 4.07 0.00	86.48 5.69 0.00	89.26 6.71 0.00	78.11 5.29 0.00	71.52 4.15 0.00	72.04 3.44 0.00	58.55 3.43 0.00	51.52 2.98 0.00
OXBOW___BTM 323836	34.55 0.29 0.00	30.32 0.75 0.00	31.31 0.88 0.00	28.45 0.60 0.00	29.96 0.75 0.00	29.62 0.55 0.00	31.88 0.76 0.00	31.66 0.54 0.00	29.11 0.38 0.00	33.76 0.61 0.00	46.44 1.82 -0.19	53.91 2.63 0.00	53.23 2.30 0.00	54.06 2.33 0.00	57.28 3.45 0.00	52.10 2.87 0.00	59.69 3.55 0.00	85.41 4.63 0.00	88.11 5.56 0.00	77.12 4.30 0.00	70.74 3.36 0.00	71.32 2.71 0.00	57.91 2.80 0.00	50.95 2.41 0.00
OXBOW___ 24026	34.55 0.29 0.00	30.31 0.74 0.00	31.31 0.88 0.00	28.43 0.58 0.00	29.97 0.76 0.00	29.62 0.55 0.00	31.88 0.76 0.00	31.65 0.53 0.00	29.11 0.38 0.00	33.76 0.61 0.00	46.44 1.82 -0.19	53.91 2.62 0.00	53.23 2.30 0.00	54.06 2.33 0.00	57.28 3.45 0.00	52.11 2.88 0.00	59.69 3.54 0.00	85.41 4.63 0.00	88.11 5.55 0.00	77.12 4.30 0.00	70.75 3.37 0.00	71.32 2.71 0.00	57.90 2.79 0.00	50.96 2.41 0.00
OXY_CHEM_DSASP 323612	34.11 -0.15 0.00	29.98 0.42 0.00	30.98 0.55 0.00	28.16 0.30 0.00	29.69 0.48 0.00	29.33 0.26 0.00	31.55 0.42 0.00	31.31 0.19 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.88 1.27 -0.19	53.24 1.96 0.00	52.57 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.45 2.22 0.00	58.94 2.80 0.00	84.58 3.80 0.00	87.18 4.63 0.00	76.27 3.45 0.00	69.74 2.36 0.00	70.35 1.74 0.00	57.09 1.98 0.00	50.27 1.73 0.00
OZONE_PARK_ESR 323760	36.41 2.10 -0.05	31.65 2.08 0.00	32.43 2.00 0.00	29.72 1.86 0.00	30.91 1.70 0.00	30.79 1.72 0.00	32.78 1.66 0.00	32.64 1.52 0.00	30.25 1.52 0.00	34.97 1.65 -0.17	47.63 2.15 -1.05	54.40 2.48 -0.64	54.58 2.61 -1.04	56.10 2.72 -1.65	58.51 2.45 -2.23	53.05 2.18 -1.64	61.86 2.47 -3.24	87.13 3.96 -2.39	86.78 4.22 0.00	76.40 3.58 0.00	70.06 2.69 0.00	71.37 2.77 0.00	59.03 2.54 -1.37	52.91 2.40 -1.97
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.11 -0.15 0.00	29.98 0.42 0.00	30.98 0.55 0.00	28.16 0.30 0.00	29.69 0.48 0.00	29.33 0.26 0.00	31.55 0.42 0.00	31.31 0.19 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.88 1.27 -0.19	53.24 1.96 0.00	52.57 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.45 2.22 0.00	58.94 2.80 0.00	84.58 3.80 0.00	87.18 4.63 0.00	76.27 3.45 0.00	69.74 2.36 0.00	70.35 1.74 0.00	57.09 1.98 0.00	50.27 1.73 0.00
PACKARD___115KV_DUPONT_184 80571	34.11 -0.15 0.00	29.98 0.42 0.00	30.98 0.55 0.00	28.16 0.30 0.00	29.69 0.48 0.00	29.33 0.26 0.00	31.55 0.42 0.00	31.31 0.19 0.00	28.78 0.05 0.00	33.38 0.23 0.00	45.88 1.27 -0.19	53.24 1.96 0.00	52.57 1.64 0.00	53.37 1.64 0.00	56.53 2.70 0.00	51.45 2.22 0.00	58.94 2.80 0.00	84.58 3.80 0.00	87.18 4.63 0.00	76.27 3.45 0.00	69.74 2.36 0.00	70.35 1.74 0.00	57.09 1.98 0.00	50.27 1.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.06 1.74 -0.05	31.37 1.80 0.00	32.01 1.59 0.00	29.39 1.53 0.00	30.56 1.36 0.00	30.46 1.39 0.00	32.38 1.26 0.00	32.31 1.19 0.00	29.92 1.20 0.00	34.49 1.17 -0.17	46.93 1.45 -1.05	53.57 1.65 -0.64	53.71 1.74 -1.04	55.19 1.81 -1.65	57.51 1.45 -2.24	52.18 1.30 -1.65	60.79 1.40 -3.25	85.52 2.34 -2.40	85.08 2.51 -0.01	74.91 2.09 -0.01	68.70 1.32 -0.01	69.97 1.36 -0.01	57.86 1.37 -1.37	52.03 1.52 -1.97
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.22 2.90 -0.05	32.39 2.82 0.00	33.07 2.65 0.00	30.37 2.51 0.00	31.62 2.41 0.00	31.52 2.45 0.00	33.52 2.40 0.00	33.45 2.33 0.00	30.96 2.23 0.00	35.69 2.37 -0.17	48.57 3.09 -1.05	55.48 3.57 -0.64	55.61 3.64 -1.04	57.11 3.73 -1.65	59.57 3.50 -2.24	53.97 3.10 -1.65	62.90 3.51 -3.25	88.73 5.55 -2.40	88.22 5.66 -0.01	77.68 4.85 -0.01	71.25 3.87 -0.01	72.65 4.04 -0.01	59.98 3.49 -1.37	53.78 3.28 -1.97
PATROON___115KV_TB1 80586	34.37 0.14 0.04	29.96 0.39 0.00	30.90 0.47 0.00	28.39 0.54 0.00	29.63 0.42 0.00	29.51 0.44 0.00	31.47 0.35 0.00	31.19 0.07 0.00	28.71 -0.02 0.00	32.80 -0.22 0.14	43.07 -0.52 0.84	50.22 -0.55 0.51	49.59 -0.50 0.84	49.96 -0.45 1.32	51.39 -0.65 1.79	47.32 -0.59 1.32	52.88 -0.66 2.60	78.11 -0.75 1.92	82.17 -0.39 0.00	72.65 -0.17 0.00	66.76 -0.61 0.00	68.07 -0.54 0.00	53.52 -0.49 1.10	46.58 -0.38 1.58
PATTRSNVILLE___SOLAR 323815	35.31 1.08 0.03	30.61 1.04 0.00	31.54 1.11 0.00	28.95 1.09 0.00	30.26 1.05 0.00	30.13 1.06 0.00	32.21 1.09 0.00	32.06 0.94 0.00	29.49 0.76 0.00	33.71 0.67 0.11	44.43 0.68 0.68	51.64 0.77 0.42	50.96 0.71 0.68	51.37 0.71 1.07	53.22 0.84 1.45	48.94 0.79 1.07	54.57 0.54 2.11	80.38 1.16 1.56	84.46 1.90 0.00	75.11 2.29 0.00	69.45 2.07 0.00	70.75 2.15 0.00	55.88 1.66 0.89	48.74 1.48 1.28
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.89 0.63 0.00	30.46 0.89 0.00	31.44 1.02 0.00	28.52 0.66 0.00	30.03 0.82 0.00	29.73 0.65 0.00	32.07 0.95 0.00	31.85 0.74 0.00	29.35 0.63 0.00	33.96 0.81 0.00	46.54 1.93 -0.18	54.08 2.80 0.00	53.39 2.46 0.00	54.31 2.58 0.00	57.49 3.66 0.00	52.33 3.10 0.00	60.06 3.92 0.00	86.57 5.79 0.00	89.43 6.87 0.00	78.14 5.32 0.00	71.55 4.17 0.00	72.00 3.40 0.00	58.36 3.25 0.00	51.30 2.75 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.85 1.54 -0.05	31.13 1.57 0.00	31.96 1.54 0.00	29.29 1.43 0.00	30.51 1.30 0.00	30.40 1.33 0.00	32.40 1.28 0.00	32.23 1.11 0.00	29.81 1.09 0.00	34.46 1.15 -0.15	46.90 1.54 -0.93	53.67 1.82 -0.57	53.84 1.98 -0.92	55.30 2.10 -1.47	57.70 1.89 -1.99	52.39 1.70 -1.46	61.07 2.04 -2.88	86.28 3.36 -2.13	86.26 3.71 0.00	75.94 3.12 0.00	69.64 2.27 0.00	70.87 2.26 0.00	58.23 1.90 -1.22	52.00 1.71 -1.75
PEEKSKILL___ 23653	35.59 1.28 -0.05	30.92 1.35 0.00	31.72 1.30 0.00	29.08 1.22 0.00	30.27 1.06 0.00	30.16 1.09 0.00	32.13 1.01 0.00	31.97 0.85 0.00	29.58 0.85 0.00	34.19 0.86 -0.17	46.56 1.10 -1.03	53.21 1.31 -0.63	53.43 1.48 -1.02	54.92 1.57 -1.62	57.31 1.29 -2.19	51.97 1.13 -1.61	60.57 1.24 -3.18	85.30 2.17 -2.35	84.90 2.35 0.00	74.72 1.90 0.00	68.52 1.14 0.00	69.80 1.19 0.00	57.61 1.16 -1.34	51.66 1.18 -1.93
PGE MADISON___WINDPWR 24146	36.48 2.22 0.00	31.59 2.03 0.00	32.53 2.10 0.00	29.89 2.04 0.00	31.26 2.06 0.00	31.06 1.99 0.00	33.32 2.20 0.00	33.33 2.22 0.00	30.78 2.05 0.00	35.55 2.40 0.00	47.83 3.51 0.11	55.24 3.95 -0.01	54.68 3.75 0.00	55.26 3.53 0.00	57.48 3.65 0.00	52.72 3.49 0.00	59.46 3.32 0.00	88.31 6.50 -1.03	91.54 7.65 -1.33	80.87 7.48 -0.57	74.57 7.20 0.00	74.84 6.24 0.00	59.94 4.83 0.00	52.67 4.13 0.00

PIERCEFIELD___HYD 23852	34.88 0.62 0.00	29.75 0.19 0.00	30.51 0.09 0.00	27.84 -0.01 0.00	29.37 0.16 0.00	29.30 0.23 0.00	31.42 0.30 0.00	31.85 0.73 0.00	29.45 0.73 0.00	34.14 0.98 0.00	45.80 1.37 0.00	52.60 1.32 0.00	52.01 1.08 0.00	52.75 1.02 0.00	54.99 1.17 0.00	50.22 0.99 0.00	57.31 1.16 0.00	82.63 1.43 -0.42	84.28 1.20 -0.53	74.43 1.40 -0.21	69.11 1.74 0.00	70.49 1.88 0.00	56.62 1.51 0.00	49.70 1.16 0.00
PINELAWN_CC_1 323563	35.36 1.05 -0.05	30.85 1.28 0.00	31.61 1.19 0.00	29.01 1.16 0.00	30.13 0.92 0.00	30.08 1.00 0.00	31.86 0.75 0.00	31.79 0.67 0.00	29.29 0.57 0.00	34.03 0.70 -0.17	46.49 1.02 -1.05	52.49 0.57 -0.64	52.88 0.91 -1.04	54.47 1.19 -1.54	56.22 0.33 -2.07	51.20 0.37 -1.60	59.07 -0.02 -2.95	81.80 0.15 -0.86	81.85 0.46 1.17	73.63 0.81 0.00	55.77 0.07 11.67	32.18 0.27 36.70	28.50 0.55 27.17	36.37 0.63 12.80
PJM_GEN_HTTP_PROXY 323702	35.89 1.58 -0.05	31.20 1.64 0.00	32.13 1.56 -0.15	29.22 1.46 0.10	30.51 1.30 0.00	30.40 1.33 0.00	32.37 1.25 0.00	32.23 1.11 0.00	29.85 1.13 0.00	34.50 1.18 -0.17	46.98 1.50 -1.05	53.61 1.69 -0.64	53.80 1.83 -1.04	55.31 1.93 -1.65	57.66 1.60 -2.23	52.27 1.39 -1.64	60.93 1.54 -3.24	85.74 2.57 -2.39	85.30 2.75 0.00	75.11 2.29 0.00	68.86 1.49 0.00	70.15 1.55 0.00	58.01 1.53 -1.37	52.04 1.53 -1.97
PJM_GEN_KEystone 24065	34.83 0.54 -0.03	30.29 0.73 0.00	31.27 0.70 -0.15	28.33 0.57 0.10	29.73 0.53 0.00	29.56 0.49 0.00	31.68 0.55 0.00	31.50 0.38 0.00	29.11 0.39 0.00	33.58 0.33 -0.09	45.61 0.62 -0.56	52.60 0.98 -0.34	52.41 0.93 -0.55	53.60 0.99 -0.88	56.23 1.21 -1.19	51.04 0.93 -0.88	59.07 1.19 -1.73	84.12 2.05 -1.28	85.01 2.46 0.00	74.48 1.66 0.00	68.31 0.93 0.00	69.26 0.66 0.00	56.80 0.96 -0.73	50.52 0.92 -1.05
PJM_GEN_NEPTUNE_PROXY 323594	35.44 1.13 -0.05	30.88 1.32 0.00	31.81 1.24 -0.15	28.96 1.21 0.10	30.20 0.99 0.00	30.13 1.06 0.00	31.98 0.85 0.00	31.89 0.77 0.00	29.39 0.67 0.00	34.12 0.79 -0.17	46.55 1.07 -1.05	52.68 0.77 -0.64	53.02 1.06 -1.04	54.58 1.20 -1.65	56.59 0.53 -2.23	51.41 0.54 -1.64	59.79 0.41 -3.24	84.03 0.86 -2.38	83.62 1.06 0.00	73.94 1.11 0.00	53.25 0.22 14.35	24.21 0.41 44.81	22.15 0.65 33.61	33.07 0.76 16.24
PJM_GEN_VFT_PROXY 323633	35.79 1.48 -0.05	31.10 1.54 0.00	32.02 1.45 -0.15	29.10 1.35 0.10	30.38 1.18 0.00	30.28 1.20 0.00	32.23 1.11 0.00	32.10 0.98 0.00	29.75 1.02 0.00	34.37 1.05 -0.17	46.77 1.29 -1.05	53.38 1.46 -0.64	53.55 1.58 -1.04	55.06 1.68 -1.65	57.37 1.32 -2.23	52.07 1.20 -1.64	60.66 1.28 -3.24	85.30 2.13 -2.39	84.84 1.88 0.00	74.70 1.88 0.00	68.50 1.12 0.00	69.79 1.19 0.00	57.79 1.32 -1.37	51.89 1.38 -1.97
PLATSBURG_115KV_PMLD1 355749	34.83 0.57 0.00	29.83 0.26 0.00	30.51 0.08 0.00	27.90 0.04 0.00	29.31 0.10 0.00	29.27 0.19 0.00	31.46 0.34 0.00	31.88 0.76 0.00	29.58 0.85 0.00	34.20 1.04 0.00	45.55 1.12 0.00	52.27 0.98 0.00	51.60 0.68 0.00	52.32 0.59 0.00	54.52 0.69 0.00	49.91 0.68 0.00	56.98 0.84 0.00	81.93 1.15 0.00	83.48 0.92 0.00	73.78 0.96 0.00	68.25 0.87 0.00	69.48 0.88 0.00	55.53 0.41 0.00	48.75 0.20 0.00
PLEASANTVLY___LBMP 24000	35.22 0.90 -0.06	30.61 1.05 0.00	31.45 1.03 0.00	28.86 1.00 0.00	30.06 0.85 0.00	29.97 0.89 0.00	31.93 0.81 0.00	31.71 0.60 0.00	29.29 0.57 0.00	33.87 0.52 -0.19	46.22 0.61 -1.18	52.73 0.73 -0.72	52.96 0.86 -1.17	54.52 0.93 -1.85	56.98 0.65 -2.51	51.63 0.55 -1.85	60.40 0.61 -3.65	84.67 1.20 -2.69	83.96 1.40 0.00	73.99 1.17 0.00	67.88 0.50 0.00	69.18 0.58 0.00	57.25 0.59 -1.54	51.41 0.65 -2.21
PLSNTVLE_13_KV_13.8KVDIST 80602	35.52 1.21 -0.05	30.88 1.32 0.00	31.71 1.29 0.00	29.06 1.20 0.00	30.26 1.05 0.00	30.17 1.09 0.00	32.14 1.02 0.00	31.95 0.83 0.00	29.55 0.82 0.00	34.15 0.82 -0.17	46.53 1.03 -1.07	53.13 1.20 -0.65	53.35 1.36 -1.06	54.87 1.45 -1.68	57.29 1.19 -2.28	51.93 1.03 -1.67	60.63 1.17 -3.31	85.25 2.03 -2.44	84.85 2.28 0.00	74.70 1.88 0.00	68.52 1.14 0.00	69.83 1.22 0.00	57.66 1.16 -1.40	51.68 1.13 -2.01
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.52 1.21 -0.05	30.88 1.32 0.00	31.71 1.29 0.00	29.06 1.20 0.00	30.26 1.05 0.00	30.17 1.09 0.00	32.14 1.02 0.00	31.95 0.83 0.00	29.55 0.82 0.00	34.15 0.82 -0.17	46.53 1.03 -1.07	53.13 1.20 -0.65	53.35 1.36 -1.06	54.87 1.45 -1.68	57.29 1.19 -2.28	51.93 1.03 -1.67	60.63 1.17 -3.31	85.25 2.03 -2.44	84.85 2.28 0.00	74.70 1.88 0.00	68.52 1.14 0.00	69.83 1.22 0.00	57.66 1.16 -1.40	51.68 1.13 -2.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.54 1.27 0.00	30.91 1.35 0.00	31.76 1.34 0.00	29.12 1.26 0.00	30.33 1.13 0.00	30.24 1.17 0.00	32.23 1.11 0.00	32.03 0.91 0.00	29.60 0.88 0.00	34.04 0.89 0.00	45.57 1.15 0.00	52.64 1.36 0.00	52.46 1.53 0.00	53.37 1.64 0.00	55.21 1.38 0.00	50.48 1.25 0.00	57.68 1.54 0.00	83.34 2.56 0.00	85.50 2.94 0.00	75.31 2.49 0.00	69.09 1.72 0.00	70.34 1.73 0.00	56.58 1.47 0.00	49.87 1.33 0.00
POLETTI____ 23519	35.90 1.58 -0.05	31.23 1.67 0.00	32.01 1.59 0.00	29.35 1.50 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.39 1.27 0.00	32.25 1.13 0.00	29.90 1.17 0.00	34.52 1.19 -0.17	46.97 1.49 -1.05	53.60 1.68 -0.64	53.78 1.81 -1.04	55.31 1.93 -1.65	57.65 1.59 -2.23	52.26 1.39 -1.64	60.91 1.53 -3.24	85.71 2.54 -2.39	85.28 2.72 0.00	75.10 2.28 0.00	68.86 1.48 0.00	70.14 1.54 0.00	58.04 1.56 -1.37	52.06 1.56 -1.97
POMONA___ESR 323819	35.63 1.33 -0.05	30.93 1.37 0.00	31.73 1.31 0.00	29.08 1.22 0.00	30.27 1.06 0.00	30.16 1.08 0.00	32.14 1.01 0.00	31.99 0.87 0.00	29.58 0.86 0.00	34.19 0.88 -0.16	46.55 1.14 -0.98	53.26 1.39 -0.60	53.52 1.61 -0.97	54.97 1.70 -1.54	57.37 1.45 -2.09	52.06 1.30 -1.54	60.63 1.45 -3.04	85.52 2.50 -2.24	85.18 2.63 0.00	74.86 2.04 0.00	68.65 1.27 0.00	69.89 1.29 0.00	57.59 1.20 -1.28	51.60 1.22 -1.84
PORT_JEFF_3 23555	35.54 1.23 -0.05	31.02 1.45 0.00	31.80 1.38 0.00	29.26 1.40 0.00	30.37 1.16 0.00	30.34 1.27 0.00	32.07 0.95 0.00	31.98 0.86 0.00	29.41 0.69 0.00	34.16 0.84 -0.17	46.75 1.27 -1.05	52.66 0.74 -0.64	53.01 1.04 -1.04	54.52 1.38 -1.41	56.12 0.43 -1.87	51.29 0.51 -1.55	59.00 0.26 -2.60	79.71 -0.09 0.98	80.16 0.19 2.59	73.32 0.51 0.00	53.93 -0.18 13.27	26.89 0.38 42.10	24.54 0.69 31.27	34.42 0.73 14.85
PORT_JEFF_4 23616	35.54 1.23 -0.05	31.02 1.45 0.00	31.80 1.38 0.00	29.26 1.40 0.00	30.37 1.16 0.00	30.34 1.27 0.00	32.07 0.95 0.00	31.98 0.86 0.00	29.41 0.69 0.00	34.16 0.84 -0.17	46.75 1.27 -1.05	52.66 0.74 -0.64	53.01 1.04 -1.04	54.52 1.38 -1.41	56.12 0.43 -1.87	51.29 0.51 -1.55	59.00 0.26 -2.60	79.71 -0.09 0.98	80.16 0.19 2.59	73.32 0.51 0.00	53.93 -0.18 13.27	26.89 0.38 42.10	24.54 0.69 31.27	34.42 0.73 14.85

PORT_JEFF_IC 23713	35.59 1.28 -0.05	31.06 1.49 0.00	31.84 1.41 0.00	29.30 1.45 0.00	30.41 1.20 0.00	30.39 1.32 0.00	32.11 0.99 0.00	32.03 0.92 0.00	29.47 0.75 0.00	34.24 0.91 -0.17	46.83 1.35 -1.05	52.78 0.86 -0.64	53.17 1.20 -1.04	54.61 1.55 -1.33	56.18 0.60 -1.75	51.39 0.64 -1.53	58.97 0.43 -2.39	78.64 -0.09 2.05	79.53 0.39 3.41	73.64 0.82 0.00	54.25 0.10 13.21	27.09 0.63 42.15	24.75 0.87 31.24	34.60 0.84 14.78
PPL PILGRIM_ST_GT1 24216	35.83 1.51 -0.05	31.26 1.69 0.00	32.05 1.62 0.00	29.44 1.59 0.00	30.57 1.36 0.00	30.53 1.45 0.00	32.33 1.21 0.00	32.23 1.11 0.00	29.65 0.92 0.00	34.47 1.15 -0.17	47.10 1.62 -1.05	53.05 1.13 -0.64	53.35 1.38 -1.04	54.80 1.71 -1.35	56.47 0.86 -1.78	51.58 0.81 -1.53	59.33 0.74 -2.45	80.14 1.12 1.76	80.81 1.44 3.19	74.35 1.52 0.00	54.95 0.58 13.00	27.99 0.81 41.43	25.49 1.07 30.70	35.12 1.09 14.51
PPL PILGRIM_ST_GT2 24217	35.83 1.51 -0.05	31.26 1.69 0.00	32.05 1.62 0.00	29.44 1.59 0.00	30.57 1.36 0.00	30.53 1.45 0.00	32.33 1.21 0.00	32.23 1.11 0.00	29.65 0.92 0.00	34.47 1.15 -0.17	47.10 1.62 -1.05	53.05 1.13 -0.64	53.35 1.38 -1.04	54.80 1.71 -1.35	56.47 0.86 -1.78	51.58 0.81 -1.53	59.33 0.74 -2.45	80.14 1.12 1.76	80.81 1.44 3.19	74.35 1.52 0.00	54.95 0.58 13.00	27.99 0.81 41.43	25.49 1.07 30.70	35.12 1.09 14.51
PPL_SHRM_GT3 24213	35.32 1.01 -0.05	30.80 1.24 0.00	31.57 1.15 0.00	29.18 1.32 0.00	30.22 1.02 0.00	30.24 1.17 0.00	31.80 0.68 0.00	31.74 0.62 0.00	29.23 0.51 0.00	33.99 0.67 -0.17	46.45 0.97 -1.05	52.34 0.42 -0.64	52.70 0.74 -1.04	54.22 1.09 -1.39	55.80 0.12 -1.84	50.92 0.14 -1.55	58.77 0.07 -2.55	79.62 0.05 1.21	80.02 0.22 2.77	73.26 0.45 0.00	53.94 -0.20 13.24	26.77 0.23 42.07	24.26 0.38 31.23	34.13 0.40 14.82
PPL_SHRM_GT4 24214	35.32 1.01 -0.05	30.80 1.24 0.00	31.57 1.15 0.00	29.18 1.32 0.00	30.22 1.02 0.00	30.24 1.17 0.00	31.80 0.68 0.00	31.74 0.62 0.00	29.23 0.51 0.00	33.99 0.67 -0.17	46.45 0.97 -1.05	52.34 0.42 -0.64	52.70 0.74 -1.04	54.22 1.09 -1.39	55.80 0.12 -1.84	50.92 0.14 -1.55	58.77 0.07 -2.55	79.62 0.05 1.21	80.02 0.22 2.77	73.26 0.45 0.00	53.94 -0.20 13.24	26.77 0.23 42.07	24.26 0.38 31.23	34.13 0.40 14.82
PROJECT___ORANGE 1 24174	34.12 -0.14 0.00	29.53 -0.03 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.14 -0.06 0.00	29.00 -0.07 0.00	31.07 -0.05 0.00	30.97 -0.15 0.00	28.53 -0.19 0.00	32.94 -0.22 0.00	44.29 -0.14 0.00	51.20 -0.09 -0.01	50.87 -0.06 0.00	51.71 -0.02 0.00	53.90 0.07 0.00	49.30 0.07 0.00	56.32 0.17 0.00	82.62 0.45 -1.38	85.30 0.97 -1.78	74.43 0.84 -0.76	67.95 0.58 0.00	68.93 0.32 0.00	55.37 0.25 0.00	48.70 0.16 0.00
PROJECT___ORANGE 2 24166	34.12 -0.14 0.00	29.53 -0.03 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.14 -0.06 0.00	29.00 -0.07 0.00	31.07 -0.05 0.00	30.97 -0.15 0.00	28.53 -0.19 0.00	32.94 -0.22 0.00	44.29 -0.14 0.00	51.20 -0.09 -0.01	50.87 -0.06 0.00	51.71 -0.02 0.00	53.90 0.07 0.00	49.30 0.07 0.00	56.32 0.17 0.00	82.62 0.45 -1.38	85.30 0.97 -1.78	74.43 0.84 -0.76	67.95 0.58 0.00	68.93 0.32 0.00	55.37 0.25 0.00	48.70 0.16 0.00
PUCKETT___SOLAR 323809	34.94 0.68 0.00	30.30 0.73 0.00	31.17 0.74 0.00	28.56 0.70 0.00	29.92 0.71 0.00	29.77 0.70 0.00	31.96 0.84 0.00	31.78 0.66 0.00	29.31 0.58 0.00	33.78 0.63 0.00	45.18 0.99 0.24	52.42 1.13 -0.01	51.90 0.97 0.00	52.61 0.88 0.00	54.91 1.09 0.00	50.32 1.09 0.00	57.27 1.13 0.00	84.28 2.54 -0.95	86.96 3.18 -1.23	76.25 2.90 -0.53	69.94 2.57 0.00	70.53 1.93 0.00	56.83 1.72 0.00	50.05 1.51 0.00
PYRITES___HYD 24023	35.68 1.42 0.00	30.43 0.86 0.00	31.16 0.74 0.00	28.40 0.54 0.00	29.99 0.78 0.00	29.89 0.82 0.00	32.08 0.96 0.00	32.57 1.45 0.00	30.01 1.29 0.00	34.75 1.59 0.00	46.58 2.15 0.00	53.27 1.99 0.00	52.50 1.57 0.00	53.40 1.66 0.00	55.70 1.88 0.00	50.64 1.41 0.00	58.44 2.30 0.00	84.02 2.86 -0.38	85.60 2.71 -0.34	75.88 3.06 0.00	70.95 3.58 0.00	72.32 3.71 0.00	57.99 2.88 0.00	50.83 2.28 0.00
QUAKERRD_115KV_BK1 80622	34.19 -0.07 0.00	29.70 0.13 0.00	30.60 0.18 0.00	27.90 0.04 0.00	29.29 0.09 0.00	29.07 -0.01 0.00	31.21 0.09 0.00	31.10 -0.01 0.00	28.66 -0.07 0.00	33.17 0.01 0.00	45.32 0.63 -0.25	52.22 0.94 0.00	51.74 0.81 0.00	52.59 0.86 0.00	55.26 1.44 0.00	50.51 1.28 0.00	57.90 1.76 0.00	83.56 2.77 0.00	86.13 3.58 0.00	75.77 2.95 0.00	69.54 2.16 0.00	70.26 1.65 0.00	56.52 1.40 0.00	49.58 1.03 0.00
QUENSBRY_115KV_TB8 356137	36.02 1.80 0.04	31.40 1.83 0.00	32.86 2.43 0.00	30.11 2.25 0.00	31.37 2.16 0.00	31.15 2.08 0.00	33.31 2.19 0.00	32.76 1.64 0.00	30.08 1.36 0.00	34.21 1.20 0.15	44.67 1.15 0.91	52.20 1.47 0.55	51.23 1.21 0.90	51.37 1.07 1.43	52.99 1.10 1.94	48.81 1.00 1.43	54.57 1.25 2.82	81.43 2.73 2.08	86.93 4.38 0.00	76.94 4.12 0.00	70.88 3.50 0.00	72.13 3.52 0.00	56.50 2.58 1.19	49.11 2.27 1.71
RAMAPO___LBMP 323565	35.48 1.17 -0.05	30.80 1.23 0.00	31.58 1.16 0.00	28.95 1.09 0.00	30.14 0.93 0.00	30.03 0.95 0.00	31.99 0.87 0.00	31.85 0.73 0.00	29.46 0.74 0.00	34.05 0.73 -0.16	46.34 0.94 -0.97	53.03 1.16 -0.59	53.25 1.36 -0.96	54.70 1.45 -1.52	57.08 1.19 -2.06	51.79 1.05 -1.51	60.27 1.14 -2.99	85.02 2.04 -2.20	84.71 2.16 0.00	74.46 1.64 0.00	68.31 0.93 0.00	69.58 0.97 0.00	57.32 0.95 -1.26	51.36 1.00 -1.81
RANKINE____ 23646	34.91 0.64 0.00	30.49 0.93 0.00	31.49 1.07 0.00	28.57 0.71 0.00	30.08 0.88 0.00	29.78 0.70 0.00	32.15 1.03 0.00	31.93 0.81 0.00	29.37 0.64 0.00	34.00 0.84 0.00	46.66 2.04 -0.19	54.20 2.92 0.00	53.50 2.57 0.00	54.36 2.62 0.00	57.54 3.72 0.00	52.40 3.17 0.00	60.10 3.95 0.00	86.56 5.78 0.00	89.42 6.86 0.00	78.19 5.36 0.00	71.60 4.23 0.00	72.08 3.48 0.00	58.47 3.35 0.00	51.44 2.89 0.00
RAVENSWOOD_GT2_1 24244	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.65 1.73 -0.64	53.82 1.85 -1.04	55.34 1.96 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.79 2.62 -2.39	85.37 2.82 0.00	75.16 2.34 0.00	68.93 1.55 0.00	70.20 1.60 0.00	58.07 1.59 -1.37	52.09 1.58 -1.97
RAVENSWOOD_GT2_2 24245	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.65 1.73 -0.64	53.82 1.85 -1.04	55.34 1.96 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.79 2.62 -2.39	85.37 2.82 0.00	75.16 2.34 0.00	68.93 1.55 0.00	70.20 1.60 0.00	58.07 1.59 -1.37	52.09 1.58 -1.97

RAVENSWOOD_GT2_3 24246	35.95 1.64 -0.05	31.26 1.69 0.00	32.04 1.62 0.00	29.36 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.42 1.30 0.00	32.28 1.16 0.00	29.90 1.18 0.00	34.55 1.22 -0.17	47.03 1.56 -1.05	53.69 1.77 -0.64	53.85 1.89 -1.04	55.38 2.00 -1.65	57.73 1.67 -2.23	52.35 1.48 -1.64	61.02 1.64 -3.24	85.85 2.68 -2.39	85.44 2.88 0.00	75.21 2.39 0.00	68.98 1.60 0.00	70.26 1.66 0.00	58.11 1.63 -1.37	52.14 1.63 -1.97
RAVENSWOOD_GT2_4 24247	35.95 1.64 -0.05	31.26 1.69 0.00	32.04 1.62 0.00	29.36 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.42 1.30 0.00	32.28 1.16 0.00	29.90 1.18 0.00	34.55 1.22 -0.17	47.03 1.56 -1.05	53.69 1.77 -0.64	53.85 1.89 -1.04	55.38 2.00 -1.65	57.73 1.67 -2.23	52.35 1.48 -1.64	61.02 1.64 -3.24	85.85 2.68 -2.39	85.44 2.88 0.00	75.21 2.39 0.00	68.98 1.60 0.00	70.26 1.66 0.00	58.11 1.63 -1.37	52.14 1.63 -1.97
RAVENSWOOD_GT3_1 24248	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.65 1.73 -0.64	53.83 1.86 -1.04	55.34 1.96 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.79 2.62 -2.39	85.37 2.82 0.00	75.17 2.35 0.00	68.93 1.55 0.00	70.21 1.60 0.00	58.07 1.59 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT3_2 24249	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.65 1.73 -0.64	53.83 1.86 -1.04	55.34 1.96 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.79 2.62 -2.39	85.37 2.82 0.00	75.17 2.35 0.00	68.93 1.55 0.00	70.21 1.60 0.00	58.07 1.59 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT3_3 24250	36.00 1.69 -0.05	31.30 1.73 0.00	32.07 1.65 0.00	29.40 1.54 0.00	30.60 1.39 0.00	30.49 1.42 0.00	32.46 1.34 0.00	32.32 1.20 0.00	29.94 1.22 0.00	34.61 1.28 -0.17	47.10 1.63 -1.05	53.77 1.85 -0.64	53.95 1.98 -1.04	55.46 2.09 -1.65	57.82 1.77 -2.23	52.42 1.55 -1.64	61.13 1.75 -3.24	86.00 2.83 -2.39	85.58 3.03 0.00	75.36 2.54 0.00	69.11 1.74 0.00	70.39 1.79 0.00	58.22 1.74 -1.37	52.21 1.71 -1.97
RAVENSWOOD_GT3_4 24251	36.00 1.69 -0.05	31.30 1.73 0.00	32.07 1.65 0.00	29.40 1.54 0.00	30.60 1.39 0.00	30.49 1.42 0.00	32.46 1.34 0.00	32.32 1.20 0.00	29.94 1.22 0.00	34.61 1.28 -0.17	47.10 1.63 -1.05	53.77 1.85 -0.64	53.95 1.98 -1.04	55.46 2.09 -1.65	57.82 1.77 -2.23	52.42 1.55 -1.64	61.13 1.75 -3.24	86.00 2.83 -2.39	85.58 3.03 0.00	75.36 2.54 0.00	69.11 1.74 0.00	70.39 1.79 0.00	58.22 1.74 -1.37	52.21 1.71 -1.97
RAVENSWOOD_GT_1 23729	35.98 1.66 -0.05	31.33 1.76 0.00	32.03 1.61 0.00	29.39 1.53 0.00	30.56 1.36 0.00	30.45 1.38 0.00	32.40 1.28 0.00	32.29 1.17 0.00	29.93 1.20 0.00	34.53 1.20 -0.17	46.95 1.48 -1.05	53.49 1.57 -0.64	53.58 1.62 -1.04	51.76 1.68 1.66	52.60 1.33 2.56	50.58 1.18 -0.17	53.12 1.27 4.29	62.30 2.17 20.65	61.60 2.35 23.30	58.00 1.94 16.76	54.54 1.18 14.01	55.88 1.23 13.95	52.95 1.28 3.45	51.93 1.42 -1.97
RAVENSWOOD_GT_10 24258	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.54 1.21 -0.17	47.01 1.54 -1.05	53.66 1.75 -0.64	53.84 1.88 -1.04	55.35 1.97 -1.65	57.70 1.65 -2.23	52.32 1.45 -1.64	60.98 1.59 -3.24	85.81 2.64 -2.39	85.39 2.83 0.00	75.19 2.37 0.00	68.93 1.56 0.00	70.23 1.62 0.00	58.08 1.60 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_11 24259	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.54 1.21 -0.17	47.01 1.54 -1.05	53.66 1.75 -0.64	53.84 1.88 -1.04	55.35 1.97 -1.65	57.70 1.65 -2.23	52.32 1.45 -1.64	60.98 1.59 -3.24	85.81 2.64 -2.39	85.39 2.83 0.00	75.19 2.37 0.00	68.93 1.56 0.00	70.23 1.62 0.00	58.08 1.60 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_4 24252	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.60 0.00	29.35 1.50 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.66 1.74 -0.64	53.83 1.87 -1.04	55.35 1.97 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.80 2.63 -2.39	85.37 2.82 0.00	75.17 2.35 0.00	68.93 1.55 0.00	70.21 1.60 0.00	58.07 1.59 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_5 24254	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.60 0.00	29.35 1.50 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.66 1.74 -0.64	53.83 1.87 -1.04	55.35 1.97 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.80 2.63 -2.39	85.37 2.82 0.00	75.17 2.35 0.00	68.93 1.55 0.00	70.21 1.60 0.00	58.07 1.59 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_6 24253	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.60 0.00	29.35 1.50 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.66 1.74 -0.64	53.83 1.87 -1.04	55.35 1.97 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.80 2.63 -2.39	85.37 2.82 0.00	75.17 2.35 0.00	68.93 1.55 0.00	70.21 1.60 0.00	58.07 1.59 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_7 24255	35.93 1.62 -0.05	31.24 1.68 0.00	32.02 1.60 0.00	29.35 1.50 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.53 1.21 -0.17	47.01 1.53 -1.05	53.66 1.74 -0.64	53.83 1.87 -1.04	55.35 1.97 -1.65	57.69 1.64 -2.23	52.31 1.44 -1.64	60.97 1.58 -3.24	85.80 2.63 -2.39	85.37 2.82 0.00	75.17 2.35 0.00	68.93 1.55 0.00	70.21 1.60 0.00	58.07 1.59 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.54 1.21 -0.17	47.01 1.54 -1.05	53.66 1.75 -0.64	53.84 1.88 -1.04	55.35 1.97 -1.65	57.70 1.65 -2.23	52.32 1.45 -1.64	60.98 1.59 -3.24	85.81 2.64 -2.39	85.39 2.83 0.00	75.19 2.37 0.00	68.93 1.56 0.00	70.23 1.62 0.00	58.08 1.60 -1.37	52.10 1.59 -1.97
RAVENSWOOD_GT_9 24257	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.60 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.54 1.21 -0.17	47.01 1.54 -1.05	53.66 1.75 -0.64	53.84 1.88 -1.04	55.35 1.97 -1.65	57.70 1.65 -2.23	52.32 1.45 -1.64	60.98 1.59 -3.24	85.81 2.64 -2.39	85.39 2.83 0.00	75.19 2.37 0.00	68.93 1.56 0.00	70.23 1.62 0.00	58.08 1.60 -1.37	52.10 1.59 -1.97

RAVENSWOOD___1 23533	35.94 1.63 -0.05	31.31 1.74 0.00	32.00 1.58 0.00	29.35 1.49 0.00	30.54 1.33 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.26 1.15 0.00	29.90 1.18 0.00	34.49 1.17 -0.17	46.91 1.43 -1.05	53.42 1.50 -0.64	53.47 1.52 -1.03	50.95 1.57 2.35	51.51 1.25 3.57	50.17 1.09 0.15	51.42 1.16 5.88	57.34 2.06 25.50	56.57 2.23 28.21	54.35 1.82 20.29	51.49 1.08 16.97	52.82 1.10 16.89	51.80 1.15 4.46	51.86 1.35 -1.96
RAVENSWOOD___2 23534	35.87 1.56 -0.05	31.23 1.66 0.00	31.93 1.51 0.00	29.28 1.42 0.00	30.47 1.26 0.00	30.35 1.28 0.00	32.30 1.18 0.00	32.20 1.08 0.00	29.84 1.11 0.00	34.41 1.09 -0.17	46.78 1.30 -1.05	53.10 1.18 -0.64	53.01 1.04 -1.03	50.45 1.09 2.37	50.99 0.75 3.60	49.74 0.67 0.15	50.86 0.64 5.92	56.42 1.27 25.63	55.63 1.42 28.34	53.56 1.13 20.39	50.79 0.46 17.05	52.10 0.47 16.97	51.25 0.63 4.49	51.40 0.89 -1.96
RAVENSWOOD___3 23535	35.93 1.62 -0.05	31.24 1.67 0.00	32.02 1.59 0.00	29.35 1.49 0.00	30.54 1.34 0.00	30.43 1.36 0.00	32.40 1.28 0.00	32.26 1.14 0.00	29.89 1.16 0.00	34.54 1.21 -0.17	47.01 1.53 -1.05	53.65 1.73 -0.64	53.83 1.87 -1.04	55.34 1.96 -1.65	57.70 1.64 -2.23	52.30 1.43 -1.64	60.97 1.58 -3.24	85.81 2.64 -2.39	85.38 2.82 0.00	75.17 2.35 0.00	68.93 1.56 0.00	70.20 1.60 0.00	58.06 1.58 -1.37	52.10 1.59 -1.97
RAVENSWOOD___4 23820	35.92 1.61 -0.05	31.28 1.71 0.00	31.97 1.55 0.00	29.32 1.47 0.00	30.52 1.31 0.00	30.40 1.33 0.00	32.34 1.22 0.00	32.24 1.12 0.00	29.88 1.15 0.00	34.46 1.13 -0.17	46.85 1.38 -1.05	53.34 1.42 -0.64	53.40 1.44 -1.03	50.16 1.49 3.06	50.39 1.16 4.59	49.77 1.00 0.46	49.72 1.07 7.49	52.28 1.92 30.42	51.46 2.09 33.19	50.66 1.71 23.87	48.39 0.98 19.96	49.72 0.99 19.87	50.68 1.06 5.49	51.78 1.28 -1.96
RCPL_TRUST___DRP 24196	35.94 1.62 -0.05	31.25 1.69 0.00	32.02 1.60 0.00	29.35 1.50 0.00	30.55 1.34 0.00	30.44 1.37 0.00	32.41 1.29 0.00	32.27 1.15 0.00	29.90 1.17 0.00	34.56 1.23 -0.17	47.04 1.56 -1.05	53.69 1.77 -0.64	53.85 1.88 -1.04	55.37 1.99 -1.65	57.72 1.66 -2.23	52.33 1.46 -1.64	61.02 1.64 -3.24	85.84 2.67 -2.39	85.40 2.85 0.00	75.20 2.38 0.00	68.96 1.59 0.00	70.23 1.63 0.00	58.07 1.60 -1.37	52.10 1.59 -1.97
RED___ROCHESTER 323720	35.44 1.18 0.00	30.80 1.23 0.00	31.72 1.30 0.00	28.88 1.03 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.19 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.16 2.43 -0.30	54.33 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.64 3.82 0.00	52.70 3.47 0.00	60.49 4.35 0.00	87.33 6.55 0.00	90.13 7.58 0.00	79.22 6.40 0.00	72.61 5.23 0.00	73.29 4.69 0.00	58.94 3.83 0.00	51.62 3.08 0.00
REGAN___SOLAR 323812	36.50 2.27 0.03	31.54 1.98 0.00	32.43 2.01 0.00	29.70 1.84 0.00	31.10 1.89 0.00	30.96 1.89 0.00	33.15 2.03 0.00	33.12 2.00 0.00	30.49 1.76 0.00	34.77 1.71 0.10	45.80 1.99 0.62	53.09 2.19 0.38	52.56 2.25 0.62	52.36 1.61 0.98	55.13 2.63 1.33	50.35 2.09 0.98	55.80 1.58 1.93	82.24 2.88 1.42	86.94 4.39 0.00	78.30 5.48 0.00	72.85 5.48 0.00	74.08 5.47 0.00	58.59 4.29 0.81	51.01 3.63 1.17
RENSSELAER___COGEN 23796	34.05 -0.17 0.04	29.71 0.15 0.00	30.65 0.22 0.00	28.17 0.31 0.00	29.39 0.19 0.00	29.28 0.21 0.00	31.22 0.10 0.00	30.93 -0.19 0.00	28.45 -0.27 0.00	32.50 -0.52 0.13	42.68 -0.93 0.82	49.73 -1.05 0.50	49.10 -1.01 0.81	49.46 -0.98 1.29	50.85 -1.24 1.74	46.82 -1.12 1.28	52.31 -1.30 2.53	77.18 -1.73 1.87	81.10 -1.45 0.00	71.74 -1.08 0.00	65.92 -1.45 0.00	67.26 -1.35 0.00	52.93 -1.11 1.07	46.10 -0.90 1.54
REPUBLIC_115KV_BARTNBRK 55605	38.37 4.15 0.04	33.53 3.96 0.00	34.78 4.36 0.00	31.67 3.81 0.00	32.88 3.68 0.00	32.77 3.70 0.00	35.18 4.06 0.00	34.65 3.53 0.00	31.88 3.15 0.00	36.10 3.09 0.15	47.13 3.63 0.92	55.22 4.50 0.56	53.90 3.89 0.92	53.97 3.69 1.45	55.52 3.67 1.97	50.83 3.05 1.45	57.36 4.07 2.86	86.30 7.62 2.11	91.96 9.41 0.00	81.48 8.66 0.00	75.14 7.77 0.00	76.61 8.01 0.00	60.04 6.14 1.21	52.20 5.39 1.73
REVERE_CPPR_DRP 24186	35.67 1.41 0.00	30.76 1.20 0.00	31.72 1.29 0.00	29.10 1.25 0.00	30.49 1.28 0.00	30.46 1.39 0.00	32.58 1.46 0.00	32.50 1.38 0.00	29.92 1.20 0.00	34.50 1.35 0.00	46.46 2.03 0.00	53.57 2.28 -0.01	53.11 2.18 0.00	53.70 1.97 0.00	55.99 2.16 0.00	51.11 1.88 0.00	58.32 2.18 0.00	85.17 3.61 -0.77	88.00 4.48 -0.96	77.43 4.23 -0.38	71.17 3.80 0.00	72.18 3.57 0.00	57.97 2.85 0.00	51.07 2.52 0.00
REYNLDPA_13_KV_LD 356490	34.64 0.38 0.00	29.67 0.10 0.00	30.39 -0.03 0.00	27.71 -0.15 0.00	29.21 0.00 0.00	29.06 -0.01 0.00	31.17 0.05 0.00	31.57 0.45 0.00	29.27 0.55 0.00	33.92 0.77 0.00	45.37 0.94 0.00	52.29 1.01 0.00	51.81 0.88 0.00	52.55 0.82 0.00	54.81 0.98 0.00	50.17 0.94 0.00	57.15 1.01 0.00	81.90 1.12 0.00	83.26 0.70 0.00	73.47 0.65 0.00	68.23 0.86 0.00	69.57 0.97 0.00	55.80 0.69 0.00	49.01 0.47 0.00
REYNOLDS_115KV_TB3 80639	34.31 0.10 0.05	29.96 0.40 0.00	30.93 0.50 0.00	28.42 0.56 0.00	29.63 0.42 0.00	29.53 0.46 0.00	31.47 0.35 0.00	31.14 0.02 0.00	28.67 -0.06 0.00	32.71 -0.29 0.16	42.85 -0.59 0.99	50.05 -0.63 0.60	49.35 -0.60 0.98	49.60 -0.58 1.56	50.91 -0.81 2.11	46.90 -0.78 1.55	52.24 -0.85 3.06	77.46 -1.07 2.26	81.82 -0.73 0.00	72.34 -0.48 0.00	66.44 -0.93 0.00	67.81 -0.80 0.00	53.14 -0.69 1.29	46.19 -0.50 1.86
RIVERBAY____ 323610	37.22 2.90 -0.05	32.39 2.82 0.00	33.07 2.65 0.00	30.37 2.51 0.00	31.62 2.41 0.00	31.52 2.45 0.00	33.52 2.40 0.00	33.45 2.33 0.00	30.96 2.23 0.00	35.69 2.37 -0.17	48.57 3.09 -1.05	55.48 3.57 -0.64	55.61 3.64 -1.04	57.11 3.73 -1.65	59.57 3.50 -2.24	53.97 3.10 -1.65	62.90 3.51 -3.25	88.73 5.55 -2.40	88.22 5.66 -0.01	77.68 4.85 -0.01	71.25 3.87 -0.01	72.65 4.04 -0.01	59.98 3.49 -1.37	53.78 3.28 -1.97
RIVERSDE_115KV_TB3 55908	34.26 0.04 0.04	29.89 0.33 0.00	30.85 0.42 0.00	28.35 0.49 0.00	29.57 0.37 0.00	29.46 0.38 0.00	31.40 0.28 0.00	31.10 -0.02 0.00	28.62 -0.10 0.00	32.68 -0.33 0.15	42.87 -0.66 0.91	50.01 -0.72 0.55	49.35 -0.68 0.90	49.66 -0.64 1.43	51.03 -0.87 1.93	47.00 -0.81 1.42	52.43 -0.91 2.81	77.56 -1.15 2.07	81.74 -0.81 0.00	72.29 -0.53 0.00	66.40 -0.97 0.00	67.74 -0.87 0.00	53.20 -0.73 1.19	46.27 -0.57 1.70
ROARING___BROOK_WT_PWR 323790	33.80 -0.46 0.00	29.09 -0.48 0.00	30.10 -0.33 0.00	27.66 -0.20 0.00	29.02 -0.19 0.00	28.96 -0.11 0.00	30.98 -0.14 0.00	30.93 -0.19 0.00	28.53 -0.20 0.00	32.92 -0.23 0.00	44.14 -0.30 0.00	50.86 -0.42 0.00	50.55 -0.38 0.00	51.41 -0.33 0.00	53.53 -0.29 0.00	48.92 -0.31 0.00	55.76 -0.38 0.00	80.11 -0.67 0.00	81.76 -0.80 0.00	72.08 -0.74 0.00	66.66 -0.71 0.00	67.81 -0.79 0.00	54.60 -0.51 0.00	48.34 -0.21 0.00

ROCHESRG_115KV_T4 355643	34.85 0.59 0.00	30.31 0.75 0.00	31.26 0.83 0.00	28.47 0.61 0.00	29.91 0.70 0.00	29.66 0.59 0.00	31.87 0.75 0.00	31.74 0.62 0.00	29.24 0.52 0.00	33.84 0.68 0.00	46.34 1.63 -0.28	53.40 2.12 0.00	52.86 1.93 0.00	53.70 1.97 0.00	56.55 2.72 0.00	51.64 2.41 0.00	59.20 3.06 0.00	85.38 4.60 0.00	88.07 5.51 0.00	77.39 4.57 0.00	70.98 3.61 0.00	71.70 3.10 0.00	57.75 2.64 0.00	50.67 2.12 0.00
ROCHESTER_9_IC 23652	35.15 0.89 0.00	30.56 1.00 0.00	31.50 1.08 0.00	28.68 0.82 0.00	30.14 0.93 0.00	29.88 0.80 0.00	32.11 0.99 0.00	31.99 0.86 0.00	29.47 0.74 0.00	34.10 0.94 0.00	46.77 2.04 -0.30	53.87 2.59 0.00	53.33 2.40 0.00	54.21 2.47 0.00	57.09 3.26 0.00	52.17 2.94 0.00	59.85 3.70 0.00	86.36 5.58 0.00	89.09 6.54 0.00	78.32 5.49 0.00	71.80 4.42 0.00	72.50 3.90 0.00	58.36 3.24 0.00	51.15 2.60 0.00
ROCKVIEW_13_KV_LD 356306	35.93 1.62 -0.05	31.24 1.68 0.00	32.04 1.61 0.00	29.36 1.51 0.00	30.56 1.35 0.00	30.45 1.38 0.00	32.43 1.31 0.00	32.28 1.16 0.00	29.88 1.16 0.00	34.54 1.22 -0.17	47.06 1.58 -1.05	53.74 1.82 -0.64	53.95 1.98 -1.04	55.45 2.08 -1.65	57.85 1.80 -2.23	52.45 1.58 -1.64	61.15 1.77 -3.24	86.15 2.97 -2.39	85.71 3.16 0.00	75.48 2.66 0.00	69.22 1.85 0.00	70.48 1.88 0.00	58.24 1.76 -1.37	52.20 1.70 -1.97
ROME____115KV_TB2 80656	35.67 1.41 0.00	30.76 1.20 0.00	31.72 1.29 0.00	29.10 1.25 0.00	30.49 1.28 0.00	30.46 1.39 0.00	32.58 1.46 0.00	32.50 1.38 0.00	29.92 1.20 0.00	34.50 1.35 0.00	46.46 2.03 0.00	53.57 2.28 -0.01	53.11 2.18 0.00	53.70 1.97 0.00	55.99 2.16 0.00	51.11 1.88 0.00	58.32 2.18 0.00	85.17 3.61 -0.77	88.00 4.48 -0.96	77.43 4.23 -0.38	71.17 3.80 0.00	72.18 3.57 0.00	57.97 2.85 0.00	51.07 2.52 0.00
ROSETON___1 23587	35.20 0.89 -0.05	30.58 1.02 0.00	31.42 1.00 0.00	28.83 0.97 0.00	30.03 0.83 0.00	29.93 0.86 0.00	31.90 0.78 0.00	31.71 0.59 0.00	29.29 0.57 0.00	33.83 0.52 -0.16	46.02 0.62 -0.97	52.61 0.74 -0.59	52.78 0.89 -0.96	54.22 0.96 -1.53	56.59 0.70 -2.07	51.34 0.59 -1.52	59.78 0.64 -3.00	84.23 1.24 -2.21	84.02 1.46 0.00	74.00 1.18 0.00	67.91 0.54 0.00	69.19 0.59 0.00	57.02 0.64 -1.27	51.04 0.67 -1.82
ROSETON___2 23588	35.20 0.89 -0.05	30.58 1.02 0.00	31.42 1.00 0.00	28.83 0.97 0.00	30.03 0.83 0.00	29.93 0.86 0.00	31.90 0.78 0.00	31.71 0.59 0.00	29.29 0.57 0.00	33.83 0.52 -0.16	46.02 0.62 -0.97	52.61 0.74 -0.59	52.78 0.89 -0.96	54.22 0.96 -1.53	56.59 0.70 -2.07	51.34 0.59 -1.52	59.78 0.64 -3.00	84.23 1.24 -2.21	84.02 1.46 0.00	74.00 1.18 0.00	67.91 0.54 0.00	69.19 0.59 0.00	57.02 0.64 -1.27	51.04 0.67 -1.82
ROTTTRDAM_115KV_TB3 80664	34.89 0.66 0.03	30.30 0.74 0.00	31.25 0.83 0.00	28.71 0.85 0.00	29.99 0.78 0.00	29.87 0.79 0.00	31.91 0.79 0.00	31.69 0.57 0.00	29.17 0.45 0.00	33.39 0.35 0.11	44.07 0.35 0.71	51.27 0.42 0.43	50.63 0.40 0.70	51.04 0.42 1.11	52.70 0.37 1.50	48.46 0.34 1.11	54.29 0.32 2.18	79.91 0.74 1.61	83.79 1.24 0.00	74.11 1.29 0.00	68.33 0.95 0.00	69.60 1.00 0.00	54.97 0.78 0.92	47.94 0.72 1.32
RUSSELL___1 23602	35.44 1.18 0.00	30.79 1.23 0.00	31.72 1.30 0.00	28.88 1.02 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.20 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.17 2.43 -0.30	54.32 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.65 3.82 0.00	52.70 3.47 0.00	60.49 4.34 0.00	87.33 6.55 0.00	90.14 7.59 0.00	79.21 6.39 0.00	72.61 5.24 0.00	73.31 4.70 0.00	58.94 3.83 0.00	51.62 3.08 0.00
RUSSELL___2 23532	35.44 1.18 0.00	30.79 1.23 0.00	31.72 1.30 0.00	28.88 1.02 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.20 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.17 2.43 -0.30	54.32 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.65 3.82 0.00	52.70 3.47 0.00	60.49 4.34 0.00	87.33 6.55 0.00	90.14 7.59 0.00	79.21 6.39 0.00	72.61 5.24 0.00	73.31 4.70 0.00	58.94 3.83 0.00	51.62 3.08 0.00
RUSSELL___3 23549	35.44 1.18 0.00	30.79 1.23 0.00	31.72 1.30 0.00	28.88 1.02 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.20 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.17 2.43 -0.30	54.32 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.65 3.82 0.00	52.70 3.47 0.00	60.49 4.34 0.00	87.33 6.55 0.00	90.14 7.59 0.00	79.21 6.39 0.00	72.61 5.24 0.00	73.31 4.70 0.00	58.94 3.83 0.00	51.62 3.08 0.00
RUSSELL___4 23556	35.44 1.18 0.00	30.79 1.23 0.00	31.72 1.30 0.00	28.88 1.02 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.20 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.17 2.43 -0.30	54.32 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.65 3.82 0.00	52.70 3.47 0.00	60.49 4.34 0.00	87.33 6.55 0.00	90.14 7.59 0.00	79.21 6.39 0.00	72.61 5.24 0.00	73.31 4.70 0.00	58.94 3.83 0.00	51.62 3.08 0.00
RUSSELL___STATION 23914	35.44 1.18 0.00	30.79 1.23 0.00	31.72 1.30 0.00	28.88 1.02 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.20 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.17 2.43 -0.30	54.32 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.65 3.82 0.00	52.70 3.47 0.00	60.49 4.34 0.00	87.33 6.55 0.00	90.14 7.59 0.00	79.21 6.39 0.00	72.61 5.24 0.00	73.31 4.70 0.00	58.94 3.83 0.00	51.62 3.08 0.00
S SALMON___HYD 24043	34.44 0.18 0.00	29.74 0.18 0.00	30.66 0.23 0.00	28.13 0.27 0.00	29.46 0.25 0.00	29.48 0.41 0.00	31.51 0.39 0.00	31.39 0.27 0.00	28.82 0.10 0.00	33.35 0.20 0.00	44.87 0.44 0.00	51.69 0.39 -0.03	51.33 0.40 0.00	51.92 0.19 0.00	53.84 0.02 0.00	49.23 -0.01 0.00	55.89 -0.25 0.00	83.99 0.20 -3.01	87.42 0.99 -3.88	75.65 1.17 -1.66	68.54 1.16 0.00	69.63 1.02 0.00	56.10 0.99 0.00	49.67 1.13 0.00
S.PERRY__115KV_TB1 80734	36.05 1.79 0.00	31.49 1.93 0.00	32.41 1.99 0.00	29.47 1.61 0.00	30.94 1.74 0.00	30.65 1.57 0.00	33.05 1.93 0.00	32.92 1.81 0.00	30.23 1.50 0.00	34.63 1.48 0.00	49.55 2.22 -2.90	52.98 1.70 0.00	51.96 1.03 0.00	52.92 1.19 0.00	55.60 1.77 0.00	50.73 1.50 0.00	58.33 2.19 0.00	84.26 3.48 0.00	87.39 4.83 0.00	77.76 4.95 0.00	72.28 4.91 0.00	73.04 4.43 0.00	58.65 3.54 0.00	51.33 2.79 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.69 0.43 0.00	30.36 0.79 0.00	31.37 0.94 0.00	28.46 0.61 0.00	29.99 0.78 0.00	29.67 0.60 0.00	31.99 0.87 0.00	31.78 0.66 0.00	29.23 0.50 0.00	33.87 0.71 0.00	46.52 1.91 -0.18	53.99 2.71 0.00	53.28 2.35 0.00	54.11 2.38 0.00	57.30 3.48 0.00	52.18 2.95 0.00	59.83 3.69 0.00	86.10 5.32 0.00	88.87 6.31 0.00	77.73 4.91 0.00	71.11 3.74 0.00	71.64 3.03 0.00	58.09 2.98 0.00	51.12 2.58 0.00

SAWYER___23_KV_LOAD 55526	34.69 0.43 0.00	30.36 0.79 0.00	31.37 0.94 0.00	28.46 0.61 0.00	29.99 0.78 0.00	29.67 0.60 0.00	31.99 0.87 0.00	31.78 0.66 0.00	29.23 0.50 0.00	33.87 0.71 0.00	46.52 1.91 -0.18	53.99 2.71 0.00	53.28 2.35 0.00	54.11 2.38 0.00	57.30 3.48 0.00	52.18 2.95 0.00	59.83 3.69 0.00	86.10 5.32 0.00	88.87 6.31 0.00	77.73 4.91 0.00	71.11 3.74 0.00	71.64 3.03 0.00	58.09 2.98 0.00	51.12 2.58 0.00
SELKIRK___I 23801	33.69 -0.54 0.02	29.34 -0.22 0.00	30.25 -0.17 0.00	27.83 -0.03 0.00	29.07 -0.14 0.00	28.96 -0.11 0.00	30.91 -0.21 0.00	30.65 -0.47 0.00	28.17 -0.56 0.00	32.24 -0.84 0.08	42.63 -1.30 0.50	49.43 -1.54 0.31	48.81 -1.62 0.50	49.43 -1.51 0.79	50.96 -1.79 1.07	46.85 -1.59 0.79	52.64 -1.94 1.56	76.85 -2.78 1.15	80.11 -2.45 0.00	70.98 -1.84 0.00	65.38 -2.00 0.00	66.66 -1.95 0.00	52.90 -1.56 0.66	46.29 -1.31 0.95
SELKIRK___II 23799	33.96 -0.27 0.03	29.57 0.01 0.00	30.48 0.06 0.00	28.03 0.17 0.00	29.27 0.06 0.00	29.16 0.09 0.00	31.10 -0.02 0.00	30.84 -0.28 0.00	28.38 -0.34 0.00	32.48 -0.57 0.10	42.90 -0.93 0.60	49.86 -1.06 0.36	49.28 -1.06 0.59	49.79 -1.01 0.94	51.31 -1.25 1.27	47.16 -1.14 0.93	52.95 -1.35 1.85	77.58 -1.84 1.36	80.93 -1.62 0.00	71.52 -1.31 0.00	65.79 -1.58 0.00	67.09 -1.51 0.00	53.12 -1.21 0.78	46.44 -0.98 1.12
SENECA OSWGO___HYD 24041	33.88 -0.38 0.00	29.33 -0.24 0.00	30.20 -0.23 0.00	27.64 -0.22 0.00	28.95 -0.25 0.00	28.81 -0.26 0.00	30.86 -0.26 0.00	30.76 -0.36 0.00	28.34 -0.38 0.00	32.73 -0.42 0.00	44.00 -0.43 0.00	50.87 -0.45 -0.04	50.44 -0.49 0.00	51.19 -0.54 0.00	53.36 -0.47 0.00	48.80 -0.43 0.00	55.71 -0.44 0.00	84.87 -0.44 -4.53	88.42 0.02 -5.84	75.46 0.12 -2.52	67.37 0.00 0.00	68.36 -0.24 0.00	54.93 -0.19 0.00	48.36 -0.18 0.00
SENECA___115KV_TB3 355854	34.98 0.72 0.00	30.56 0.99 0.00	31.56 1.14 0.00	28.63 0.77 0.00	30.14 0.94 0.00	29.83 0.76 0.00	32.21 1.09 0.00	32.00 0.88 0.00	29.43 0.70 0.00	34.07 0.91 0.00	46.76 2.14 -0.19	54.31 3.03 0.00	53.61 2.68 0.00	54.47 2.74 0.00	57.68 3.85 0.00	52.52 3.29 0.00	60.25 4.11 0.00	86.77 5.99 0.00	89.63 7.08 0.00	78.37 5.55 0.00	71.78 4.40 0.00	72.26 3.66 0.00	58.59 3.47 0.00	51.55 3.01 0.00
SENECA___ENERGY 23797	34.76 0.50 0.00	30.15 0.58 0.00	31.03 0.61 0.00	28.34 0.48 0.00	29.70 0.49 0.00	29.50 0.42 0.00	31.70 0.57 0.00	31.56 0.44 0.00	29.06 0.34 0.00	33.55 0.39 0.00	45.30 0.64 -0.23	52.16 0.87 -0.02	51.68 0.75 0.00	52.59 0.86 0.00	55.11 1.29 0.00	50.29 1.06 0.00	57.60 1.45 0.00	85.20 2.60 -1.82	88.48 3.58 -2.34	77.16 3.33 -1.01	70.21 2.83 0.00	70.96 2.36 0.00	57.00 1.89 0.00	50.04 1.50 0.00
SHOEMAKER___GT 23640	35.28 0.98 -0.04	30.60 1.04 0.00	31.43 1.00 0.00	28.82 0.96 0.00	30.04 0.83 0.00	29.93 0.86 0.00	31.93 0.81 0.00	31.77 0.65 0.00	29.34 0.62 0.00	33.90 0.60 -0.14	46.07 0.77 -0.87	52.73 0.91 -0.53	52.82 1.03 -0.86	54.20 1.10 -1.37	56.57 0.89 -1.86	51.35 0.75 -1.37	59.75 0.90 -2.70	84.53 1.76 -1.99	84.58 2.03 0.00	74.50 1.69 0.00	68.45 1.08 0.00	69.69 1.09 0.00	57.22 0.96 -1.14	51.11 0.93 -1.64
SHOEMAKR_138KV_BK 111 55601	35.26 0.96 -0.04	30.59 1.03 0.00	31.42 0.99 0.00	28.81 0.95 0.00	30.03 0.82 0.00	29.92 0.85 0.00	31.91 0.79 0.00	31.75 0.64 0.00	29.33 0.60 0.00	33.88 0.58 -0.14	46.04 0.75 -0.86	52.71 0.90 -0.53	52.82 1.03 -0.85	54.19 1.10 -1.35	56.56 0.90 -1.83	51.35 0.77 -1.35	59.72 0.91 -2.66	84.47 1.72 -1.97	84.52 1.97 0.00	74.44 1.62 0.00	68.38 1.00 0.00	69.62 1.02 0.00	57.16 0.92 -1.12	51.05 0.89 -1.62
SHOREHAM_IC_1 23715	35.32 1.01 -0.05	30.80 1.24 0.00	31.57 1.15 0.00	29.18 1.32 0.00	30.22 1.02 0.00	30.24 1.17 0.00	31.80 0.68 0.00	31.74 0.62 0.00	29.23 0.51 0.00	33.99 0.67 -0.17	46.45 0.97 -1.05	52.34 0.42 -0.64	52.70 0.74 -1.04	54.22 1.09 -1.39	55.80 0.12 -1.84	50.92 0.14 -1.55	58.77 0.07 -2.55	79.62 0.05 1.21	80.02 0.22 2.77	73.26 0.45 0.00	53.94 -0.20 13.24	26.77 0.23 42.07	24.26 0.38 31.23	34.13 0.40 14.82
SHOREHAM_IC_2 23716	35.32 1.01 -0.05	30.80 1.24 0.00	31.57 1.15 0.00	29.18 1.32 0.00	30.22 1.02 0.00	30.24 1.17 0.00	31.80 0.68 0.00	31.74 0.62 0.00	29.23 0.51 0.00	33.99 0.67 -0.17	46.43 0.95 -1.05	52.33 0.41 -0.64	52.70 0.73 -1.04	54.21 1.09 -1.39	55.78 0.11 -1.84	50.91 0.13 -1.55	58.79 0.09 -2.55	79.62 0.05 1.21	80.01 0.21 2.77	73.26 0.44 0.00	53.95 -0.19 13.24	26.83 0.29 42.07	24.31 0.43 31.23	34.15 0.42 14.82
SISSONVILLE___ 23735	34.88 0.62 0.00	29.75 0.19 0.00	30.51 0.09 0.00	27.84 -0.01 0.00	29.37 0.16 0.00	29.30 0.23 0.00	31.42 0.30 0.00	31.85 0.73 0.00	29.45 0.73 0.00	34.14 0.98 0.00	45.80 1.37 0.00	52.60 1.32 0.00	52.01 1.08 0.00	52.75 1.02 0.00	54.99 1.17 0.00	50.22 0.99 0.00	57.31 1.16 0.00	82.63 1.43 -0.42	84.28 1.20 -0.53	74.43 1.40 -0.21	69.11 1.74 0.00	70.49 1.88 0.00	56.62 1.51 0.00	49.70 1.16 0.00
SITHE_IND_GS1 24169	33.36 -0.90 0.00	28.88 -0.69 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.39 -0.73 0.00	30.32 -0.80 0.00	27.95 -0.78 0.00	32.26 -0.89 0.00	43.35 -1.09 0.00	49.91 -1.26 0.12	49.69 -1.24 0.00	50.49 -1.25 0.00	52.59 -1.24 0.00	48.12 -1.11 0.00	54.91 -1.23 0.00	65.93 -1.70 13.16	64.15 -1.40 17.00	64.29 -1.20 7.34	66.18 -1.20 0.00	67.21 -1.40 0.00	54.01 -1.10 0.00	47.56 -0.98 0.00
SITHE_IND_GS2 24170	33.36 -0.90 0.00	28.88 -0.69 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.39 -0.73 0.00	30.32 -0.80 0.00	27.95 -0.78 0.00	32.26 -0.89 0.00	43.35 -1.09 0.00	49.91 -1.26 0.12	49.69 -1.24 0.00	50.49 -1.25 0.00	52.59 -1.24 0.00	48.12 -1.11 0.00	54.91 -1.23 0.00	65.93 -1.70 13.16	64.15 -1.40 17.00	64.29 -1.20 7.34	66.18 -1.20 0.00	67.21 -1.40 0.00	54.01 -1.10 0.00	47.56 -0.98 0.00
SITHE_IND_GS3 24171	33.36 -0.90 0.00	28.88 -0.69 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.39 -0.73 0.00	30.32 -0.80 0.00	27.95 -0.78 0.00	32.26 -0.89 0.00	43.35 -1.09 0.00	49.91 -1.26 0.12	49.69 -1.24 0.00	50.49 -1.25 0.00	52.59 -1.24 0.00	48.12 -1.11 0.00	54.91 -1.23 0.00	65.93 -1.70 13.16	64.15 -1.40 17.00	64.29 -1.20 7.34	66.18 -1.20 0.00	67.21 -1.40 0.00	54.01 -1.10 0.00	47.56 -0.98 0.00
SITHE_IND_GS4 24172	33.36 -0.90 0.00	28.88 -0.69 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.39 -0.73 0.00	30.32 -0.80 0.00	27.95 -0.78 0.00	32.26 -0.89 0.00	43.35 -1.09 0.00	49.91 -1.26 0.12	49.69 -1.24 0.00	50.49 -1.25 0.00	52.59 -1.24 0.00	48.12 -1.11 0.00	54.91 -1.23 0.00	65.93 -1.70 13.16	64.15 -1.40 17.00	64.29 -1.20 7.34	66.18 -1.20 0.00	67.21 -1.40 0.00	54.01 -1.10 0.00	47.56 -0.98 0.00

SITHE___BATAVIA 24024	35.88 1.62 0.00	31.33 1.77 0.00	32.31 1.89 0.00	29.35 1.49 0.00	30.88 1.68 0.00	30.57 1.49 0.00	32.92 1.80 0.00	32.76 1.64 0.00	30.16 1.43 0.00	34.80 1.65 0.00	47.75 3.07 -0.25	55.25 3.97 0.00	54.24 3.31 0.00	55.14 3.40 0.00	58.28 4.45 0.00	53.11 3.88 0.00	60.93 4.79 0.00	88.13 7.35 0.00	91.62 9.07 0.00	80.73 7.91 0.00	74.06 6.69 0.00	74.65 6.04 0.00	60.20 5.09 0.00	52.73 4.19 0.00
SITHE___INDEPEND 23800	33.36 -0.90 0.00	28.88 -0.68 0.00	29.74 -0.69 0.00	27.22 -0.64 0.00	28.52 -0.68 0.00	28.39 -0.68 0.00	30.39 -0.73 0.00	30.32 -0.80 0.00	27.95 -0.78 0.00	32.26 -0.89 0.00	43.35 -1.09 0.00	49.91 -1.26 0.12	49.68 -1.25 0.00	50.49 -1.25 0.00	52.59 -1.24 0.00	48.11 -1.12 0.00	54.90 -1.24 0.00	65.93 -1.69 13.16	64.16 -1.40 17.00	64.29 -1.20 7.34	66.18 -1.20 0.00	67.21 -1.40 0.00	54.01 -1.10 0.00	47.57 -0.98 0.00
SITHE___MASSENA 23902	34.73 0.47 0.00	29.69 0.12 0.00	30.41 -0.02 0.00	27.72 -0.14 0.00	29.22 0.02 0.00	29.09 0.02 0.00	31.21 0.08 0.00	31.61 0.49 0.00	29.30 0.57 0.00	33.94 0.78 0.00	45.48 1.05 0.00	52.38 1.09 0.00	51.88 0.95 0.00	52.62 0.89 0.00	54.89 1.07 0.00	50.21 0.98 0.00	57.19 1.05 0.00	81.95 1.17 0.00	83.34 0.78 0.00	73.62 0.80 0.00	68.40 1.03 0.00	69.75 1.14 0.00	56.01 0.90 0.00	49.14 0.60 0.00
SITHE___OGDNSBRG 24021	35.60 1.34 0.00	30.37 0.80 0.00	31.09 0.67 0.00	28.32 0.47 0.00	29.90 0.70 0.00	29.78 0.70 0.00	31.97 0.84 0.00	32.45 1.33 0.00	29.88 1.15 0.00	34.64 1.49 0.00	46.47 2.04 0.00	53.15 1.87 0.00	52.38 1.45 0.00	53.24 1.50 0.00	55.62 1.79 0.00	50.58 1.35 0.00	58.36 2.21 0.00	83.32 2.54 0.00	84.86 2.31 0.00	75.57 2.75 0.00	70.68 3.30 0.00	72.06 3.45 0.00	57.76 2.65 0.00	50.59 2.05 0.00
SITHE___STERLING 23777	35.30 1.03 0.00	30.48 0.92 0.00	31.39 0.97 0.00	28.78 0.92 0.00	30.14 0.93 0.00	30.06 0.98 0.00	32.16 1.04 0.00	32.08 0.96 0.00	29.54 0.81 0.00	34.08 0.93 0.00	45.83 1.40 0.00	52.88 1.59 -0.01	52.45 1.53 0.00	53.11 1.37 0.00	55.46 1.63 0.00	50.61 1.38 0.00	57.75 1.61 0.00	84.24 2.66 -0.79	86.92 3.36 -1.01	76.53 3.29 -0.41	70.37 2.99 0.00	71.38 2.77 0.00	57.29 2.18 0.00	50.40 1.85 0.00
SLEIGHT__34_KV_TB1 80719	34.79 0.53 0.00	30.20 0.63 0.00	31.09 0.66 0.00	28.35 0.49 0.00	29.74 0.53 0.00	29.53 0.46 0.00	31.71 0.59 0.00	31.62 0.50 0.00	29.11 0.38 0.00	33.67 0.51 0.00	45.78 1.13 -0.22	52.73 1.45 0.00	52.41 1.48 0.00	53.26 1.52 0.00	55.83 2.00 0.00	51.02 1.79 0.00	58.46 2.31 0.00	85.01 3.68 -0.55	87.83 4.57 -0.71	77.20 4.08 -0.31	70.71 3.34 0.00	71.49 2.88 0.00	57.43 2.32 0.00	50.35 1.81 0.00
SMITHTWN_69_KV_BK 1 55830	35.74 1.43 -0.05	31.17 1.60 0.00	31.94 1.52 0.00	29.38 1.52 0.00	30.49 1.29 0.00	30.47 1.40 0.00	32.24 1.12 0.00	32.15 1.03 0.00	29.59 0.87 0.00	34.41 1.09 -0.17	47.06 1.58 -1.05	53.10 1.18 -0.64	53.48 1.52 -1.04	54.76 1.87 -1.15	56.27 0.96 -1.48	51.66 0.97 -1.46	58.93 0.87 -1.92	77.12 0.88 4.55	78.51 1.29 5.33	74.32 1.50 0.00	54.82 0.62 13.17	27.06 1.00 42.55	24.84 1.11 31.38	34.86 1.05 14.73
SOUTH CAIRO___GT 23612	35.35 1.10 0.02	30.78 1.21 0.00	31.72 1.30 0.00	29.14 1.28 0.00	30.42 1.21 0.00	30.28 1.21 0.00	32.32 1.20 0.00	32.07 0.96 0.00	29.51 0.79 0.00	33.85 0.76 0.06	44.85 0.77 0.35	51.98 0.91 0.21	51.20 0.61 0.34	52.29 1.10 0.55	53.73 0.63 0.74	49.56 0.88 0.54	55.61 0.54 1.07	81.40 1.40 0.79	84.71 2.15 0.00	75.20 2.38 0.00	69.39 2.02 0.00	70.66 2.05 0.00	56.15 1.49 0.45	49.05 1.16 0.65
SOUTH HAMPTN___IC 23720	36.09 1.78 -0.05	31.45 1.89 0.00	32.21 1.79 0.00	29.72 1.86 0.00	30.80 1.60 0.00	30.79 1.72 0.00	32.41 1.29 0.00	32.38 1.26 0.00	29.88 1.15 0.00	34.81 1.49 -0.17	47.58 2.10 -1.05	53.64 1.72 -0.64	53.94 1.97 -1.04	55.36 2.21 -1.41	56.91 1.21 -1.88	51.86 1.07 -1.56	59.99 1.23 -2.61	81.60 1.70 0.89	81.86 1.82 2.52	74.69 1.87 0.00	55.35 1.24 13.26	28.16 1.62 42.06	25.06 1.20 31.25	34.88 1.18 14.84
SOUTHDOWN_115KV_TB1 355954	35.37 1.11 0.00	30.84 1.27 0.00	31.85 1.43 0.00	28.77 0.91 0.00	30.25 1.05 0.00	30.17 1.10 0.00	32.73 1.61 0.00	32.61 1.49 0.00	30.00 1.28 0.00	34.52 1.37 0.00	47.32 2.58 -0.32	55.08 3.80 0.00	54.36 3.43 0.00	55.27 3.53 0.00	58.56 4.73 0.00	53.33 4.10 0.00	61.21 5.07 0.00	88.56 7.77 0.00	91.32 8.77 0.00	79.56 6.74 0.00	72.99 5.61 0.00	73.14 4.53 0.00	59.34 4.23 0.00	52.38 3.84 0.00
SOUTHOLD_69_KV_BK 2 55809	36.97 2.66 -0.05	32.20 2.63 0.00	32.96 2.54 0.00	30.37 2.51 0.00	31.49 2.29 0.00	31.45 2.38 0.00	33.11 1.99 0.00	33.09 1.97 0.00	30.59 1.86 0.00	35.70 2.38 -0.17	48.79 3.31 -1.05	54.90 2.98 -0.64	55.05 3.09 -1.04	56.28 3.14 -1.41	57.73 2.02 -1.88	52.48 1.70 -1.56	60.88 2.12 -2.61	82.93 3.05 0.89	82.96 2.93 2.52	75.72 2.90 0.00	56.61 2.50 13.26	29.53 2.99 42.06	25.64 1.77 31.25	35.52 1.82 14.84
SOUTHOLD___IC 23719	36.97 2.66 -0.05	32.20 2.63 0.00	32.96 2.53 0.00	30.37 2.51 0.00	31.49 2.29 0.00	31.45 2.38 0.00	33.11 1.99 0.00	33.09 1.97 0.00	30.59 1.86 0.00	35.70 2.38 -0.17	48.79 3.31 -1.05	54.90 2.98 -0.64	55.05 3.09 -1.04	56.28 3.14 -1.41	57.73 2.02 -1.88	52.49 1.71 -1.56	60.87 2.12 -2.61	82.93 3.04 0.89	82.96 2.93 2.52	75.72 2.90 0.00	56.61 2.49 13.26	29.46 2.91 42.06	25.59 1.73 31.25	35.49 1.79 14.84
SOUTH_FORK_WT_PWR 323839	37.14 2.82 -0.05	32.35 2.79 0.00	33.13 2.71 0.00	30.52 2.66 0.00	31.64 2.43 0.00	31.59 2.51 0.00	33.23 2.11 0.00	33.19 2.07 0.00	30.67 1.95 0.00	35.81 2.49 -0.17	48.90 3.42 -1.05	54.89 2.97 -0.64	54.95 2.98 -1.04	55.97 2.83 -1.41	57.28 1.58 -1.88	52.05 1.26 -1.56	60.40 1.65 -2.61	82.30 2.41 0.89	82.12 2.09 2.52	75.06 2.24 0.00	56.26 2.14 13.26	29.10 2.56 42.06	24.99 1.13 31.25	35.15 1.45 14.84
SPIERFLS_115KV_TB 1 80737	35.73 1.51 0.04	31.14 1.57 0.00	32.66 2.24 0.00	29.96 2.10 0.00	31.22 2.01 0.00	30.97 1.90 0.00	33.10 1.98 0.00	32.53 1.40 0.00	29.86 1.13 0.00	33.97 0.97 0.15	44.36 0.83 0.90	51.78 1.05 0.55	50.83 0.79 0.89	50.99 0.68 1.42	52.59 0.68 1.92	48.45 0.64 1.41	54.15 0.79 2.79	80.74 2.02 2.06	86.20 3.64 0.00	76.30 3.48 0.00	70.35 2.98 0.00	71.60 2.99 0.00	56.08 2.15 1.18	48.73 1.88 1.69
ST LAWRENCE____ 23600	34.27 0.01 0.00	29.35 -0.22 0.00	30.08 -0.34 0.00	27.43 -0.43 0.00	28.90 -0.31 0.00	28.76 -0.31 0.00	30.84 -0.28 0.00	31.21 0.09 0.00	28.93 0.20 0.00	33.52 0.36 0.00	44.84 0.41 0.00	51.68 0.40 0.00	51.22 0.29 0.00	51.97 0.24 0.00	54.18 0.35 0.00	49.59 0.36 0.00	56.52 0.37 0.00	80.99 0.21 0.00	82.30 -0.25 0.00	72.61 -0.20 0.00	67.46 0.09 0.00	68.80 0.20 0.00	55.17 0.05 0.00	48.48 -0.07 0.00

STATE_CA_115KV_115_LB 55624	34.37 0.14 0.04	29.96 0.39 0.00	30.90 0.47 0.00	28.39 0.54 0.00	29.63 0.42 0.00	29.51 0.44 0.00	31.48 0.35 0.00	31.19 0.07 0.00	28.71 -0.02 0.00	32.80 -0.22 0.14	43.07 -0.52 0.84	50.23 -0.54 0.51	49.59 -0.50 0.84	49.96 -0.44 1.33	51.39 -0.64 1.80	47.32 -0.59 1.32	52.89 -0.65 2.61	78.12 -0.74 1.92	82.17 -0.39 0.00	72.65 -0.17 0.00	66.77 -0.61 0.00	68.07 -0.53 0.00	53.52 -0.49 1.10	46.58 -0.38 1.58
STATE_ST_34_KV_LOAD 55959	34.79 0.53 0.00	30.15 0.58 0.00	31.00 0.58 0.00	28.37 0.51 0.00	29.74 0.53 0.00	29.58 0.50 0.00	31.71 0.59 0.00	31.61 0.49 0.00	29.03 0.30 0.00	33.49 0.33 0.00	45.13 0.56 -0.14	52.11 0.81 -0.02	51.51 0.58 0.00	52.78 1.04 0.00	54.86 1.03 0.00	50.13 0.90 0.00	57.31 1.16 0.00	84.96 2.08 -2.09	87.87 2.61 -2.70	76.67 2.69 -1.16	69.81 2.44 0.00	70.75 2.15 0.00	56.80 1.69 0.00	49.87 1.33 0.00
STATION_5_MISC_HYD 23604	35.15 0.89 0.00	30.57 1.00 0.00	31.50 1.07 0.00	28.68 0.82 0.00	30.14 0.93 0.00	29.88 0.80 0.00	32.11 0.99 0.00	31.98 0.86 0.00	29.47 0.74 0.00	34.10 0.94 0.00	46.77 2.04 -0.30	53.87 2.59 0.00	53.33 2.40 0.00	54.20 2.47 0.00	57.09 3.26 0.00	52.17 2.94 0.00	59.84 3.70 0.00	86.36 5.58 0.00	89.10 6.55 0.00	78.32 5.50 0.00	71.80 4.42 0.00	72.50 3.90 0.00	58.35 3.24 0.00	51.15 2.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.91 0.65 0.00	30.30 0.74 0.00	31.20 0.77 0.00	28.44 0.58 0.00	29.85 0.65 0.00	29.63 0.55 0.00	31.84 0.71 0.00	31.72 0.60 0.00	29.24 0.51 0.00	33.80 0.64 0.00	46.07 1.35 -0.29	52.99 1.70 0.00	52.56 1.63 0.00	53.42 1.69 0.00	56.08 2.25 0.00	51.22 1.99 0.00	58.74 2.59 0.00	85.45 4.16 -0.51	88.34 5.13 -0.66	77.55 4.45 -0.28	70.99 3.62 0.00	71.69 3.08 0.00	57.62 2.51 0.00	50.53 1.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.92 0.66 0.00	30.35 0.79 0.00	31.27 0.85 0.00	28.48 0.63 0.00	29.91 0.71 0.00	29.68 0.60 0.00	31.88 0.76 0.00	31.76 0.64 0.00	29.27 0.55 0.00	33.88 0.73 0.00	46.43 1.71 -0.29	53.50 2.22 0.00	52.98 2.05 0.00	53.85 2.12 0.00	56.69 2.87 0.00	51.82 2.59 0.00	59.44 3.29 0.00	85.79 5.01 0.00	88.50 5.95 0.00	77.79 4.97 0.00	71.33 3.96 0.00	72.03 3.43 0.00	57.93 2.82 0.00	50.78 2.24 0.00
STA_56___34_KV_BUS2 355983	34.92 0.66 0.00	30.35 0.79 0.00	31.27 0.85 0.00	28.48 0.63 0.00	29.91 0.71 0.00	29.68 0.60 0.00	31.88 0.76 0.00	31.76 0.64 0.00	29.27 0.55 0.00	33.88 0.73 0.00	46.43 1.71 -0.29	53.50 2.22 0.00	52.98 2.05 0.00	53.85 2.12 0.00	56.69 2.87 0.00	51.82 2.59 0.00	59.44 3.29 0.00	85.79 5.01 0.00	88.50 5.95 0.00	77.79 4.97 0.00	71.33 3.96 0.00	72.03 3.43 0.00	57.93 2.82 0.00	50.78 2.24 0.00
STA_67___115KV_BK2 355882	35.03 0.77 0.00	30.47 0.90 0.00	31.41 0.98 0.00	28.60 0.74 0.00	30.05 0.84 0.00	29.79 0.72 0.00	32.02 0.90 0.00	31.89 0.77 0.00	29.38 0.65 0.00	33.99 0.83 0.00	46.61 1.88 -0.30	53.68 2.40 0.00	53.13 2.20 0.00	54.00 2.27 0.00	56.86 3.03 0.00	51.95 2.72 0.00	59.58 3.44 0.00	85.96 5.18 0.00	88.67 6.12 0.00	77.96 5.14 0.00	71.48 4.11 0.00	72.19 3.59 0.00	58.11 3.00 0.00	50.96 2.42 0.00
STA_7___115KV_9TRANS 80674	35.44 1.18 0.00	30.79 1.23 0.00	31.72 1.30 0.00	28.88 1.02 0.00	30.34 1.13 0.00	30.08 1.00 0.00	32.32 1.20 0.00	32.20 1.08 0.00	29.67 0.94 0.00	34.35 1.19 0.00	47.17 2.43 -0.30	54.32 3.04 0.00	53.81 2.88 0.00	54.71 2.98 0.00	57.65 3.82 0.00	52.70 3.47 0.00	60.49 4.34 0.00	87.33 6.55 0.00	90.14 7.59 0.00	79.21 6.39 0.00	72.61 5.24 0.00	73.31 4.70 0.00	58.94 3.83 0.00	51.62 3.08 0.00
STA_82___115KV_TB1 80780	35.04 0.78 0.00	30.48 0.91 0.00	31.42 0.99 0.00	28.60 0.75 0.00	30.06 0.85 0.00	29.80 0.73 0.00	32.02 0.90 0.00	31.90 0.78 0.00	29.39 0.66 0.00	34.01 0.85 0.00	46.63 1.89 -0.32	53.69 2.41 0.00	53.14 2.21 0.00	54.01 2.28 0.00	56.87 3.04 0.00	51.96 2.73 0.00	59.59 3.44 0.00	85.98 5.20 0.00	88.71 6.15 0.00	77.96 5.14 0.00	71.52 4.14 0.00	72.22 3.61 0.00	58.14 3.02 0.00	50.98 2.44 0.00
STEEL___WIND 323596	34.91 0.65 0.00	30.50 0.93 0.00	31.51 1.08 0.00	28.59 0.73 0.00	30.10 0.89 0.00	29.76 0.69 0.00	32.15 1.03 0.00	31.93 0.82 0.00	29.36 0.64 0.00	33.97 0.82 0.00	46.65 2.03 -0.19	54.17 2.89 0.00	53.46 2.53 0.00	54.33 2.60 0.00	57.53 3.70 0.00	52.38 3.15 0.00	60.09 3.95 0.00	86.54 5.75 0.00	89.40 6.85 0.00	78.17 5.35 0.00	71.60 4.22 0.00	72.07 3.47 0.00	58.47 3.35 0.00	51.48 2.94 0.00
STEPHTWN_115KV_BK_2 55603	34.44 0.21 0.04	30.03 0.47 0.00	30.97 0.55 0.00	28.43 0.57 0.00	29.67 0.45 0.00	29.54 0.47 0.00	31.51 0.39 0.00	31.23 0.11 0.00	28.76 0.04 0.00	32.89 -0.13 0.13	43.25 -0.36 0.82	50.41 -0.37 0.50	49.78 -0.33 0.81	50.17 -0.27 1.29	51.58 -0.51 1.74	47.46 -0.49 1.28	53.03 -0.58 2.53	78.36 -0.56 1.87	82.40 -0.15 0.00	72.88 0.06 0.00	66.94 -0.44 0.00	68.24 -0.36 0.00	53.66 -0.38 1.07	46.72 -0.28 1.54
STEUBEN_REC_LFGE 323667	34.99 0.73 0.00	30.43 0.87 0.00	31.26 0.84 0.00	28.38 0.52 0.00	29.75 0.55 0.00	29.48 0.41 0.00	31.80 0.68 0.00	31.67 0.55 0.00	29.14 0.41 0.00	33.49 0.33 0.00	46.67 0.69 -1.55	52.45 1.17 -0.01	51.68 0.75 0.00	52.48 0.74 0.00	54.96 1.13 0.00	49.81 0.58 0.00	57.36 1.22 0.00	84.29 2.78 -0.73	88.18 4.68 -0.94	77.50 4.27 -0.41	71.29 3.91 0.00	71.87 3.27 0.00	57.84 2.73 0.00	50.67 2.13 0.00
STILLWATER___SOLAR 323814	35.51 1.30 0.05	30.91 1.35 0.00	32.05 1.63 0.00	29.40 1.54 0.00	30.67 1.47 0.00	30.54 1.46 0.00	32.59 1.48 0.00	32.23 1.12 0.00	29.67 0.95 0.00	33.85 0.86 0.16	44.32 0.88 1.00	51.71 1.03 0.61	50.86 0.93 0.99	51.08 0.92 1.57	52.59 0.89 2.13	48.50 0.84 1.57	54.03 0.98 3.09	80.49 1.99 2.28	85.44 2.88 0.00	75.61 2.79 0.00	69.56 2.19 0.00	70.90 2.30 0.00	55.46 1.65 1.30	48.15 1.48 1.88
STONY___BROOK 24151	35.66 1.35 -0.05	31.10 1.54 0.00	31.88 1.46 0.00	29.34 1.48 0.00	30.46 1.25 0.00	30.45 1.38 0.00	32.19 1.07 0.00	32.10 0.99 0.00	29.55 0.82 0.00	34.35 1.02 -0.17	46.98 1.51 -1.05	52.98 1.06 -0.64	53.36 1.39 -1.04	54.77 1.75 -1.29	56.33 0.82 -1.68	51.58 0.84 -1.51	59.08 0.66 -2.28	78.52 0.41 2.67	79.52 0.85 3.89	73.98 1.16 0.00	54.54 0.36 13.20	27.18 0.81 42.24	24.82 0.97 31.26	34.73 0.94 14.76
STURGEON_POOL_HYD 23609	35.52 1.24 -0.03	30.85 1.28 0.00	31.65 1.23 0.00	29.05 1.19 0.00	30.27 1.06 0.00	30.16 1.08 0.00	32.15 1.03 0.00	31.97 0.86 0.00	29.55 0.82 0.00	34.11 0.87 -0.09	46.13 1.17 -0.53	52.98 1.38 -0.32	53.03 1.58 -0.52	54.27 1.71 -0.83	56.40 1.45 -1.13	51.32 1.26 -0.83	59.34 1.55 -1.64	84.52 2.54 -1.21	85.39 2.84 0.00	75.13 2.31 0.00	68.93 1.55 0.00	70.17 1.56 0.00	57.21 1.41 -0.69	50.85 1.32 -0.99

ST_LAW_115_BK7_LBMP 345037	34.28 0.02 0.00	29.35 -0.22 0.00	30.07 -0.36 0.00	27.40 -0.45 0.00	28.89 -0.31 0.00	28.75 -0.32 0.00	30.83 -0.28 0.00	31.23 0.10 0.00	28.95 0.23 0.00	33.54 0.39 0.00	44.89 0.46 0.00	51.70 0.42 0.00	51.25 0.32 0.00	52.00 0.27 0.00	54.21 0.38 0.00	49.62 0.39 0.00	56.53 0.39 0.00	81.01 0.23 0.00	82.30 -0.25 0.00	72.62 -0.20 0.00	67.50 0.12 0.00	68.84 0.24 0.00	55.20 0.09 0.00	48.48 -0.06 0.00
ST_LAW_115_BK8_LBMP 345038	34.28 0.02 0.00	29.35 -0.22 0.00	30.07 -0.36 0.00	27.40 -0.45 0.00	28.89 -0.31 0.00	28.75 -0.32 0.00	30.83 -0.28 0.00	31.23 0.10 0.00	28.95 0.23 0.00	33.54 0.39 0.00	44.89 0.46 0.00	51.70 0.42 0.00	51.25 0.32 0.00	52.00 0.27 0.00	54.21 0.38 0.00	49.62 0.39 0.00	56.53 0.39 0.00	81.01 0.23 0.00	82.30 -0.25 0.00	72.62 -0.20 0.00	67.50 0.12 0.00	68.84 0.24 0.00	55.20 0.09 0.00	48.48 -0.06 0.00
ST_LAW_230_BK5_LBMP 345035	34.27 0.01 0.00	29.35 -0.22 0.00	30.08 -0.34 0.00	27.43 -0.43 0.00	28.90 -0.31 0.00	28.76 -0.31 0.00	30.84 -0.28 0.00	31.21 0.09 0.00	28.93 0.20 0.00	33.52 0.36 0.00	44.84 0.41 0.00	51.68 0.40 0.00	51.22 0.29 0.00	51.97 0.24 0.00	54.18 0.35 0.00	49.59 0.36 0.00	56.52 0.37 0.00	80.99 0.21 0.00	82.30 -0.25 0.00	72.61 -0.20 0.00	67.46 0.09 0.00	68.80 0.20 0.00	55.17 0.05 0.00	48.48 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	34.27 0.01 0.00	29.35 -0.22 0.00	30.08 -0.34 0.00	27.43 -0.43 0.00	28.90 -0.31 0.00	28.76 -0.31 0.00	30.84 -0.28 0.00	31.21 0.09 0.00	28.93 0.20 0.00	33.52 0.36 0.00	44.84 0.41 0.00	51.68 0.40 0.00	51.22 0.29 0.00	51.97 0.24 0.00	54.18 0.35 0.00	49.59 0.36 0.00	56.52 0.37 0.00	80.99 0.21 0.00	82.30 -0.25 0.00	72.61 -0.20 0.00	67.46 0.09 0.00	68.80 0.20 0.00	55.17 0.05 0.00	48.48 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.42 1.11 -0.04	30.74 1.18 0.00	31.55 1.13 0.00	28.92 1.06 0.00	30.13 0.92 0.00	30.01 0.94 0.00	31.99 0.87 0.00	31.84 0.72 0.00	29.43 0.71 0.00	34.01 0.71 -0.15	46.25 0.91 -0.91	52.96 1.13 -0.55	53.12 1.30 -0.90	54.55 1.39 -1.42	56.93 1.17 -1.93	51.70 1.05 -1.42	60.16 1.22 -2.80	85.01 2.16 -2.07	84.87 2.31 0.00	74.66 1.84 0.00	68.52 1.14 0.00	69.76 1.16 0.00	57.34 1.05 -1.18	51.29 1.04 -1.70
SWANROAD_115KV_TB1 355699	34.14 -0.12 0.00	29.98 0.41 0.00	31.01 0.59 0.00	28.14 0.28 0.00	29.67 0.46 0.00	29.35 0.28 0.00	31.67 0.55 0.00	31.48 0.36 0.00	28.93 0.20 0.00	33.49 0.33 0.00	46.05 1.42 -0.20	53.36 2.08 0.00	52.50 1.57 0.00	53.25 1.52 0.00	56.37 2.54 0.00	51.29 2.06 0.00	58.75 2.61 0.00	84.42 3.64 0.00	87.14 4.59 0.00	76.31 3.49 0.00	69.84 2.47 0.00	70.41 1.81 0.00	57.23 2.12 0.00	50.44 1.90 0.00
SYNERGY___BIOGAS 323694	35.88 1.62 0.00	31.33 1.76 0.00	32.31 1.88 0.00	29.34 1.49 0.00	30.88 1.67 0.00	30.57 1.49 0.00	32.92 1.80 0.00	32.76 1.64 0.00	30.16 1.44 0.00	34.81 1.65 0.00	47.75 3.07 -0.25	55.25 3.97 0.00	54.24 3.31 0.00	55.14 3.41 0.00	58.28 4.45 0.00	53.11 3.88 0.00	60.93 4.78 0.00	88.14 7.36 0.00	91.61 9.06 0.00	80.73 7.91 0.00	74.06 6.69 0.00	74.65 6.04 0.00	60.20 5.09 0.00	52.73 4.19 0.00
SYRACUSE___ENERGY_ST1 323597	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.13 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.15 -0.15 -0.02	50.79 -0.14 0.00	51.71 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.65 0.38 -2.49	86.66 0.89 -3.21	75.05 0.84 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.40 0.29 0.00	48.74 0.20 0.00
SYRACUSE___ENERGY_ST2 323598	34.14 -0.12 0.00	29.55 -0.02 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.15 -0.06 0.00	29.00 -0.07 0.00	31.08 -0.04 0.00	30.98 -0.13 0.00	28.53 -0.19 0.00	32.92 -0.24 0.00	44.25 -0.18 0.00	51.15 -0.15 -0.02	50.79 -0.14 0.00	51.71 -0.03 0.00	53.83 0.00 0.00	49.23 0.00 0.00	56.25 0.11 0.00	83.65 0.38 -2.49	86.66 0.89 -3.21	75.05 0.84 -1.38	67.99 0.62 0.00	68.97 0.36 0.00	55.40 0.29 0.00	48.74 0.20 0.00
SYRACUSE___POWER 24017	34.28 0.02 0.00	29.66 0.09 0.00	30.53 0.10 0.00	27.94 0.08 0.00	29.26 0.05 0.00	29.12 0.04 0.00	31.20 0.08 0.00	31.10 -0.02 0.00	28.66 -0.06 0.00	33.07 -0.08 0.00	44.47 0.04 0.00	51.40 0.11 -0.02	51.05 0.12 0.00	51.89 0.16 0.00	54.12 0.29 0.00	49.48 0.25 0.00	56.54 0.39 0.00	83.23 0.79 -1.66	86.02 1.33 -2.14	74.95 1.21 -0.92	68.30 0.93 0.00	69.26 0.65 0.00	55.64 0.52 0.00	48.93 0.39 0.00
TALLMAN__138KV_BK151 55660	35.61 1.30 -0.05	30.91 1.34 0.00	31.70 1.27 0.00	29.05 1.19 0.00	30.23 1.02 0.00	30.12 1.05 0.00	32.09 0.97 0.00	31.96 0.84 0.00	29.57 0.84 0.00	34.17 0.86 -0.16	46.51 1.11 -0.97	53.24 1.37 -0.59	53.47 1.59 -0.96	54.93 1.68 -1.52	57.31 1.43 -2.05	52.02 1.28 -1.51	60.56 1.43 -2.98	85.44 2.46 -2.20	85.12 2.57 0.00	74.81 1.99 0.00	68.58 1.21 0.00	69.86 1.25 0.00	57.54 1.17 -1.26	51.55 1.20 -1.81
TEALLAVE_115KV_TB7 355573	34.09 -0.17 0.00	29.51 -0.06 0.00	30.38 -0.04 0.00	27.81 -0.05 0.00	29.13 -0.08 0.00	28.98 -0.09 0.00	31.06 -0.06 0.00	30.94 -0.17 0.00	28.51 -0.21 0.00	32.91 -0.24 0.00	44.27 -0.16 0.00	51.17 -0.13 -0.01	50.84 -0.09 0.00	51.67 -0.06 0.00	53.86 0.04 0.00	49.25 0.02 0.00	56.27 0.13 0.00	82.55 0.39 -1.39	85.24 0.90 -1.78	74.38 0.80 -0.76	67.92 0.54 0.00	68.89 0.28 0.00	55.34 0.23 0.00	48.67 0.13 0.00
TELGRAPH_34_KV_EAST 80808	34.81 0.55 0.00	30.49 0.92 0.00	31.50 1.07 0.00	28.59 0.73 0.00	30.12 0.91 0.00	29.81 0.73 0.00	32.13 1.01 0.00	31.95 0.83 0.00	29.38 0.66 0.00	33.98 0.82 0.00	46.80 2.14 -0.22	54.10 2.82 0.00	53.28 2.36 0.00	54.07 2.34 0.00	57.22 3.39 0.00	52.06 2.83 0.00	59.70 3.56 0.00	85.96 5.18 0.00	88.86 6.31 0.00	77.94 5.12 0.00	71.39 4.01 0.00	71.95 3.34 0.00	58.32 3.21 0.00	51.26 2.72 0.00
TEMPLE___115KV_TB 2 55572	34.12 -0.14 0.00	29.53 -0.03 0.00	30.40 -0.02 0.00	27.83 -0.03 0.00	29.14 -0.06 0.00	29.00 -0.07 0.00	31.07 -0.05 0.00	30.97 -0.15 0.00	28.53 -0.19 0.00	32.94 -0.22 0.00	44.29 -0.14 0.00	51.20 -0.09 -0.01	50.87 -0.06 0.00	51.71 -0.02 0.00	53.90 0.07 0.00	49.30 0.07 0.00	56.32 0.17 0.00	82.62 0.45 -1.38	85.30 0.97 -1.78	74.43 0.84 -0.76	67.95 0.58 0.00	68.93 0.32 0.00	55.37 0.25 0.00	48.70 0.16 0.00
TIANA____69_KV_BK 1 55817	35.90 1.59 -0.05	31.29 1.72 0.00	32.05 1.63 0.00	29.57 1.71 0.00	30.65 1.44 0.00	30.65 1.57 0.00	32.27 1.15 0.00	32.22 1.11 0.00	29.73 1.01 0.00	34.62 1.30 -0.17	47.32 1.84 -1.05	53.37 1.45 -0.64	53.72 1.75 -1.04	55.18 2.03 -1.41	56.78 1.08 -1.88	51.74 0.96 -1.56	59.83 1.07 -2.61	81.36 1.46 0.89	81.66 1.63 2.52	74.51 1.69 0.00	55.11 0.99 13.26	27.98 1.44 42.06	25.04 1.17 31.25	34.80 1.10 14.84

TILDEN___115KV_TB1 80814	34.28 0.02 0.00	29.66 0.09 0.00	30.53 0.10 0.00	27.94 0.08 0.00	29.26 0.05 0.00	29.12 0.04 0.00	31.20 0.08 0.00	31.10 -0.02 0.00	28.66 -0.06 0.00	33.07 -0.08 0.00	44.47 0.04 0.00	51.40 0.11 -0.02	51.05 0.12 0.00	51.89 0.16 0.00	54.12 0.29 0.00	49.48 0.25 0.00	56.54 0.39 0.00	83.23 0.79 -1.66	86.02 1.33 -2.14	74.95 1.21 -0.92	68.30 0.93 0.00	69.26 0.65 0.00	55.64 0.52 0.00	48.93 0.39 0.00
TRIGEN___CC 323695	35.67 1.36 -0.05	31.07 1.50 0.00	31.84 1.42 0.00	29.22 1.37 0.00	30.37 1.16 0.00	30.29 1.22 0.00	32.17 1.05 0.00	32.08 0.96 0.00	29.60 0.87 0.00	34.35 1.02 -0.17	46.85 1.38 -1.05	53.15 1.23 -0.64	53.50 1.53 -1.04	55.01 1.63 -1.65	57.10 1.04 -2.23	51.87 1.00 -1.64	60.33 0.95 -3.24	84.91 1.74 -2.39	84.52 1.96 0.00	74.65 1.82 0.00	66.01 0.91 2.28	63.22 1.13 6.50	52.61 1.20 3.71	49.07 1.21 0.68
TRINITY___115KV___4 BK 55933	34.17 -0.05 0.04	29.81 0.24 0.00	30.75 0.32 0.00	28.26 0.41 0.00	29.48 0.28 0.00	29.38 0.31 0.00	31.33 0.21 0.00	31.02 -0.10 0.00	28.56 -0.17 0.00	32.62 -0.40 0.13	42.82 -0.78 0.83	49.91 -0.87 0.50	49.29 -0.82 0.82	49.65 -0.79 1.30	51.04 -1.03 1.76	47.01 -0.93 1.29	52.53 -1.06 2.55	77.51 -1.39 1.88	81.50 -1.06 0.00	72.07 -0.75 0.00	66.22 -1.15 0.00	67.56 -1.05 0.00	53.15 -0.88 1.08	46.29 -0.71 1.55
UNION___PROCESSING_DRP 323587	35.05 0.79 0.00	30.48 0.92 0.00	31.42 1.00 0.00	28.62 0.76 0.00	30.06 0.85 0.00	29.81 0.74 0.00	32.04 0.92 0.00	31.91 0.79 0.00	29.40 0.68 0.00	34.02 0.86 0.00	46.64 1.90 -0.31	53.72 2.44 0.00	53.16 2.23 0.00	54.02 2.28 0.00	56.88 3.05 0.00	51.97 2.74 0.00	59.60 3.46 0.00	86.01 5.23 0.00	88.74 6.19 0.00	78.00 5.18 0.00	71.53 4.16 0.00	72.26 3.65 0.00	58.16 3.05 0.00	50.99 2.44 0.00
UPPER HUDSON___HYD 24058	35.73 1.51 0.04	31.14 1.57 0.00	32.66 2.24 0.00	29.96 2.10 0.00	31.22 2.01 0.00	30.97 1.90 0.00	33.11 1.99 0.00	32.53 1.41 0.00	29.86 1.13 0.00	33.97 0.97 0.15	44.35 0.82 0.90	51.78 1.05 0.55	50.83 0.79 0.89	50.99 0.68 1.42	52.60 0.69 1.92	48.45 0.63 1.41	54.14 0.79 2.79	80.74 2.02 2.06	86.20 3.64 0.00	76.30 3.48 0.00	70.35 2.98 0.00	71.60 2.99 0.00	56.09 2.15 1.18	48.73 1.87 1.69
UPPER RAQUET___HYD 24056	34.88 0.62 0.00	29.75 0.19 0.00	30.52 0.09 0.00	27.84 -0.01 0.00	29.37 0.16 0.00	29.30 0.23 0.00	31.42 0.30 0.00	31.85 0.73 0.00	29.45 0.73 0.00	34.14 0.98 0.00	45.80 1.36 0.00	52.60 1.31 0.00	52.01 1.08 0.00	52.75 1.02 0.00	54.99 1.17 0.00	50.22 0.99 0.00	57.31 1.16 0.00	82.64 1.44 -0.42	84.28 1.20 -0.53	74.43 1.39 -0.21	69.11 1.74 0.00	70.49 1.88 0.00	56.61 1.50 0.00	49.70 1.16 0.00
VALLEY44_115KV_TB2 355964	34.73 0.47 0.00	30.29 0.72 0.00	31.23 0.81 0.00	28.34 0.49 0.00	29.82 0.61 0.00	29.56 0.49 0.00	31.89 0.78 0.00	31.76 0.64 0.00	29.30 0.57 0.00	33.61 0.45 0.00	45.88 1.14 -0.31	53.16 1.87 0.00	52.22 1.29 0.00	53.05 1.31 0.00	56.08 2.25 0.00	50.89 1.66 0.00	58.43 2.28 0.00	84.40 3.62 0.00	87.12 4.57 0.00	76.09 3.27 0.00	69.79 2.42 0.00	70.35 1.74 0.00	57.24 2.13 0.00	50.44 1.90 0.00
VALLEY___115KV_TB 1-4 80826	34.48 0.22 0.00	29.94 0.38 0.00	30.91 0.49 0.00	28.40 0.54 0.00	29.69 0.48 0.00	29.58 0.51 0.00	31.59 0.47 0.00	31.29 0.17 0.00	28.73 0.00 0.00	32.91 -0.25 0.00	43.84 -0.59 0.00	50.61 -0.67 0.00	50.39 -0.54 0.00	50.96 -0.78 0.00	53.31 -0.51 0.00	48.60 -0.63 0.00	55.24 -0.90 0.00	79.89 -0.89 0.00	82.35 -0.21 0.00	73.31 0.49 0.00	67.81 0.43 0.00	68.88 0.28 0.00	55.27 0.15 0.00	48.67 0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.54 1.28 0.00	30.76 1.20 0.00	31.62 1.19 0.00	29.08 1.22 0.00	30.40 1.20 0.00	30.26 1.19 0.00	32.39 1.27 0.00	32.28 1.17 0.00	29.75 1.03 0.00	34.32 1.17 0.00	45.99 1.68 0.12	53.25 1.97 0.00	53.01 2.08 0.00	53.80 2.07 0.00	55.87 2.05 0.00	51.20 1.97 0.00	58.38 2.23 0.00	84.78 3.52 -0.48	87.04 3.87 -0.62	76.47 3.39 -0.27	70.12 2.74 0.00	71.17 2.57 0.00	57.19 2.08 0.00	50.34 1.80 0.00
VISCHER___FERRY HYD 24020	34.86 0.66 0.06	30.40 0.84 0.00	31.44 1.02 0.00	28.85 0.99 0.00	30.09 0.88 0.00	30.00 0.92 0.00	31.98 0.86 0.00	31.62 0.50 0.00	29.12 0.40 0.00	33.18 0.23 0.20	43.31 0.11 1.24	50.70 0.17 0.75	49.87 0.17 1.23	49.94 0.14 1.94	51.18 -0.02 2.63	47.24 -0.06 1.93	52.36 0.03 3.82	78.29 0.32 2.82	83.41 0.85 0.00	73.76 0.94 0.00	67.76 0.38 0.00	69.14 0.53 0.00	53.82 0.32 1.61	46.59 0.37 2.32
V_A_10_SYNC_DSASP 323832	34.54 0.28 0.00	30.18 0.62 0.00	31.17 0.74 0.00	28.34 0.48 0.00	29.83 0.63 0.00	29.55 0.48 0.00	31.80 0.68 0.00	31.63 0.51 0.00	29.10 0.37 0.00	33.69 0.54 0.00	46.16 1.54 -0.19	53.43 2.14 0.00	52.75 1.82 0.00	53.56 1.83 0.00	56.57 2.74 0.00	51.55 2.32 0.00	59.09 2.95 0.00	85.05 4.27 0.00	87.70 5.15 0.00	76.85 4.03 0.00	70.32 2.94 0.00	70.97 2.37 0.00	57.43 2.32 0.00	50.53 1.98 0.00
V_CMM_10_SYNC_DSASP 323787	34.47 0.21 0.00	29.52 -0.05 0.00	30.23 -0.19 0.00	27.56 -0.30 0.00	29.05 -0.16 0.00	28.91 -0.16 0.00	31.01 -0.11 0.00	31.39 0.27 0.00	29.11 0.39 0.00	33.73 0.58 0.00	45.12 0.69 0.00	52.00 0.72 0.00	51.53 0.60 0.00	52.27 0.54 0.00	54.52 0.69 0.00	49.89 0.67 0.00	56.84 0.69 0.00	81.45 0.66 0.00	82.79 0.23 0.00	73.06 0.24 0.00	67.86 0.49 0.00	69.22 0.61 0.00	55.50 0.39 0.00	48.76 0.22 0.00
V_CMP_10_SYNC_DSASP 323788	34.83 0.57 0.00	29.83 0.26 0.00	30.51 0.08 0.00	27.90 0.04 0.00	29.31 0.10 0.00	29.27 0.19 0.00	31.46 0.34 0.00	31.88 0.76 0.00	29.58 0.85 0.00	34.20 1.04 0.00	45.55 1.12 0.00	52.27 0.98 0.00	51.60 0.68 0.00	52.32 0.59 0.00	54.52 0.69 0.00	49.91 0.68 0.00	56.98 0.84 0.00	81.93 1.15 0.00	83.48 0.92 0.00	73.78 0.96 0.00	68.25 0.87 0.00	69.48 0.88 0.00	55.53 0.41 0.00	48.75 0.20 0.00
V_D_10_SYNC_DSASP 323841	34.72 0.46 0.00	29.69 0.12 0.00	30.40 -0.02 0.00	27.72 -0.14 0.00	29.22 0.01 0.00	29.09 0.02 0.00	31.20 0.07 0.00	31.60 0.49 0.00	29.29 0.56 0.00	33.94 0.78 0.00	45.48 1.05 0.00	52.37 1.08 0.00	51.86 0.93 0.00	52.62 0.88 0.00	54.89 1.06 0.00	50.21 0.98 0.00	57.18 1.04 0.00	81.93 1.15 0.00	83.32 0.77 0.00	73.59 0.77 0.00	68.39 1.02 0.00	69.73 1.13 0.00	56.00 0.88 0.00	49.12 0.58 0.00
V_E_10_SYNC_DSASP 323830	36.48 2.22 0.00	31.59 2.03 0.00	32.53 2.10 0.00	29.89 2.04 0.00	31.26 2.06 0.00	31.06 1.99 0.00	33.32 2.20 0.00	33.33 2.22 0.00	30.78 2.05 0.00	35.55 2.40 0.00	47.83 3.51 0.11	55.24 3.95 -0.01	54.68 3.75 0.00	55.26 3.53 0.00	57.48 3.65 0.00	52.72 3.49 0.00	59.46 3.32 0.00	88.31 6.50 -1.03	91.54 7.65 -1.33	80.87 7.48 -0.57	74.57 7.20 0.00	74.84 6.24 0.00	59.94 4.83 0.00	52.67 4.13 0.00

V_F_30_NSYNC___DSASP 323816	35.56 1.35 0.05	30.94 1.38 0.00	32.08 1.66 0.00	29.43 1.57 0.00	30.71 1.50 0.00	30.57 1.49 0.00	32.63 1.51 0.00	32.28 1.16 0.00	29.71 0.99 0.00	33.92 0.92 0.15	44.47 0.99 0.96	51.87 1.17 0.58	51.05 1.07 0.95	51.30 1.07 1.50	52.86 1.07 2.03	48.71 0.98 1.50	54.34 1.15 2.96	80.84 2.24 2.18	85.68 3.13 0.00	75.79 2.98 0.00	69.71 2.33 0.00	71.05 2.44 0.00	55.65 1.78 1.25	48.33 1.58 1.79
V_F_30_SYNC_DSASP 323786	34.37 0.14 0.04	29.96 0.39 0.00	30.90 0.47 0.00	28.39 0.54 0.00	29.63 0.42 0.00	29.51 0.44 0.00	31.47 0.35 0.00	31.19 0.07 0.00	28.71 -0.02 0.00	32.80 -0.22 0.14	43.07 -0.52 0.84	50.22 -0.55 0.51	49.59 -0.50 0.84	49.96 -0.45 1.32	51.39 -0.65 1.79	47.32 -0.59 1.32	52.88 -0.66 2.60	78.11 -0.75 1.92	82.17 -0.39 0.00	72.65 -0.17 0.00	66.76 -0.61 0.00	68.07 -0.54 0.00	53.52 -0.49 1.10	46.58 -0.38 1.58
V_XM_10_SYNC_DSASP 323789	34.83 0.57 0.00	29.83 0.26 0.00	30.51 0.08 0.00	27.90 0.04 0.00	29.31 0.10 0.00	29.27 0.19 0.00	31.46 0.34 0.00	31.88 0.76 0.00	29.58 0.85 0.00	34.20 1.04 0.00	45.55 1.12 0.00	52.27 0.98 0.00	51.60 0.68 0.00	52.32 0.59 0.00	54.52 0.69 0.00	49.91 0.68 0.00	56.98 0.84 0.00	81.93 1.15 0.00	83.48 0.92 0.00	73.78 0.96 0.00	68.25 0.87 0.00	69.48 0.88 0.00	55.53 0.41 0.00	48.75 0.20 0.00
W.BABYLN_69_KV_BK1 56697	35.99 1.67 -0.05	31.38 1.81 0.00	32.15 1.73 0.00	29.51 1.65 0.00	30.64 1.43 0.00	30.59 1.51 0.00	32.41 1.29 0.00	32.34 1.22 0.00	29.80 1.07 0.00	34.65 1.32 -0.17	47.35 1.88 -1.05	53.49 1.57 -0.64	53.87 1.91 -1.04	55.48 2.22 -1.52	57.27 1.40 -2.04	52.14 1.31 -1.59	60.32 1.28 -2.89	83.34 1.98 -0.58	83.50 2.33 1.39	75.15 2.32 0.00	57.16 1.40 11.62	33.71 1.68 36.57	29.73 1.68 27.06	37.35 1.54 12.73
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.75 1.44 -0.05	31.03 1.47 0.00	31.82 1.40 0.00	29.17 1.31 0.00	30.36 1.15 0.00	30.25 1.18 0.00	32.23 1.11 0.00	32.10 0.98 0.00	29.69 0.97 0.00	34.32 1.01 -0.16	46.72 1.31 -0.98	53.49 1.61 -0.60	53.72 1.82 -0.97	55.19 1.92 -1.54	57.61 1.69 -2.09	52.28 1.51 -1.54	60.91 1.73 -3.04	85.90 2.87 -2.24	85.55 2.99 0.00	75.17 2.35 0.00	68.92 1.54 0.00	70.16 1.56 0.00	57.79 1.40 -1.28	51.76 1.38 -1.84
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.95 1.64 -0.05	31.26 1.69 0.00	32.04 1.62 0.00	29.36 1.51 0.00	30.56 1.35 0.00	30.45 1.37 0.00	32.42 1.30 0.00	32.28 1.16 0.00	29.91 1.18 0.00	34.57 1.25 -0.17	47.06 1.58 -1.05	53.70 1.79 -0.64	53.86 1.89 -1.04	55.38 2.00 -1.65	57.74 1.68 -2.23	52.35 1.48 -1.64	61.02 1.64 -3.24	85.87 2.70 -2.39	85.45 2.90 0.00	75.21 2.39 0.00	68.98 1.60 0.00	70.26 1.65 0.00	58.10 1.62 -1.37	52.12 1.61 -1.97
W50THST__13_KV_LOAD 356117	36.19 1.88 -0.05	31.48 1.92 0.00	32.25 1.82 0.00	29.55 1.69 0.00	30.74 1.54 0.00	30.63 1.56 0.00	32.62 1.50 0.00	32.49 1.37 0.00	30.12 1.40 0.00	34.83 1.50 -0.17	47.39 1.92 -1.05	54.05 2.13 -0.64	54.16 2.19 -1.04	55.67 2.30 -1.65	58.04 1.99 -2.23	52.63 1.76 -1.64	61.39 2.01 -3.24	86.41 3.24 -2.39	85.96 3.40 0.00	75.66 2.84 0.00	69.40 2.02 0.00	70.67 2.06 0.00	58.43 1.94 -1.37	52.41 1.90 -1.97
WADING RIVER_IC_1 23522	35.28 0.97 -0.05	30.77 1.21 0.00	31.54 1.11 0.00	29.16 1.30 0.00	30.20 0.99 0.00	30.22 1.15 0.00	31.77 0.65 0.00	31.71 0.59 0.00	29.22 0.49 0.00	33.99 0.66 -0.17	46.44 0.96 -1.05	52.33 0.42 -0.64	52.70 0.74 -1.04	54.21 1.07 -1.42	55.81 0.10 -1.88	50.91 0.13 -1.56	58.79 0.03 -2.62	79.87 0.16 0.85	80.23 0.16 2.49	73.25 0.43 0.00	53.86 -0.24 13.27	26.71 0.17 42.07	24.17 0.32 31.26	34.04 0.35 14.85
WADING RIVER_IC_2 23547	35.28 0.97 -0.05	30.77 1.21 0.00	31.54 1.11 0.00	29.16 1.30 0.00	30.20 0.99 0.00	30.22 1.15 0.00	31.77 0.65 0.00	31.71 0.59 0.00	29.22 0.49 0.00	33.99 0.66 -0.17	46.44 0.96 -1.05	52.33 0.42 -0.64	52.70 0.74 -1.04	54.21 1.07 -1.42	55.81 0.10 -1.88	50.91 0.13 -1.56	58.79 0.03 -2.62	79.87 0.16 0.85	80.23 0.16 2.49	73.25 0.43 0.00	53.86 -0.24 13.27	26.71 0.17 42.07	24.17 0.32 31.26	34.04 0.35 14.85
WADING RIVER_IC_3 23601	35.28 0.97 -0.05	30.77 1.21 0.00	31.54 1.11 0.00	29.16 1.30 0.00	30.20 0.99 0.00	30.22 1.15 0.00	31.77 0.65 0.00	31.71 0.59 0.00	29.22 0.49 0.00	33.99 0.66 -0.17	46.44 0.96 -1.05	52.33 0.42 -0.64	52.70 0.74 -1.04	54.21 1.07 -1.42	55.81 0.10 -1.88	50.91 0.13 -1.56	58.79 0.03 -2.62	79.87 0.16 0.85	80.23 0.16 2.49	73.25 0.43 0.00	53.86 -0.24 13.27	26.71 0.17 42.07	24.17 0.32 31.26	34.04 0.35 14.85
WALDENNY_12_KV_BK2 80841	34.98 0.72 0.00	30.58 1.02 0.00	31.58 1.16 0.00	28.65 0.79 0.00	30.16 0.96 0.00	29.85 0.77 0.00	32.22 1.10 0.00	32.02 0.91 0.00	29.45 0.73 0.00	34.10 0.95 0.00	46.84 2.21 -0.19	54.42 3.13 0.00	53.71 2.78 0.00	54.56 2.83 0.00	57.77 3.94 0.00	52.61 3.38 0.00	60.36 4.21 0.00	86.91 6.13 0.00	89.75 7.19 0.00	78.49 5.66 0.00	71.84 4.47 0.00	72.33 3.73 0.00	58.66 3.55 0.00	51.61 3.07 0.00
WALDEN__HYDRO 24148	35.59 1.29 -0.04	30.89 1.32 0.00	31.70 1.28 0.00	29.07 1.21 0.00	30.27 1.07 0.00	30.16 1.09 0.00	32.16 1.04 0.00	32.00 0.88 0.00	29.58 0.85 0.00	34.17 0.88 -0.14	46.41 1.15 -0.83	53.17 1.39 -0.51	53.30 1.55 -0.82	54.69 1.65 -1.31	57.04 1.44 -1.77	51.81 1.28 -1.30	60.23 1.52 -2.57	85.31 2.63 -1.90	85.51 2.96 0.00	75.23 2.41 0.00	69.02 1.65 0.00	70.27 1.66 0.00	57.64 1.45 -1.09	51.45 1.35 -1.56
WARRENSBURG____ 23737	35.73 1.51 0.04	31.14 1.57 0.00	32.66 2.24 0.00	29.96 2.10 0.00	31.22 2.01 0.00	30.97 1.90 0.00	33.10 1.98 0.00	32.53 1.40 0.00	29.86 1.13 0.00	33.97 0.97 0.15	44.36 0.83 0.90	51.78 1.05 0.55	50.83 0.79 0.89	50.99 0.68 1.42	52.59 0.68 1.92	48.45 0.64 1.41	54.15 0.79 2.79	80.74 2.02 2.06	86.20 3.64 0.00	76.30 3.48 0.00	70.35 2.98 0.00	71.60 2.99 0.00	56.08 2.15 1.18	48.73 1.88 1.69
WATERSIDE____6 8 9 23538	35.93 1.61 -0.05	31.28 1.72 0.00	31.97 1.55 0.00	29.33 1.47 0.00	30.51 1.31 0.00	30.40 1.33 0.00	32.34 1.22 0.00	32.24 1.12 0.00	29.88 1.15 0.00	34.46 1.14 -0.17	46.85 1.38 -1.05	53.34 1.42 -0.64	53.41 1.44 -1.04	50.18 1.51 3.06	50.40 1.16 4.59	49.81 1.04 0.46	49.76 1.11 7.49	52.28 1.92 30.42	51.46 2.09 33.19	50.66 1.72 23.87	48.39 0.97 19.96	49.74 1.01 19.87	50.71 1.09 5.49	51.78 1.27 -1.96
WATKINRD_115KV_LN8_ILLION 55919	34.37 0.11 0.00	29.81 0.24 0.00	30.75 0.32 0.00	28.24 0.38 0.00	29.53 0.32 0.00	29.41 0.34 0.00	31.43 0.30 0.00	31.19 0.07 0.00	28.68 -0.05 0.00	32.92 -0.23 0.00	43.93 -0.50 0.00	50.71 -0.57 0.00	50.46 -0.46 0.00	51.10 -0.63 0.00	53.36 -0.47 0.00	48.69 -0.54 0.00	55.43 -0.71 0.00	80.05 -0.73 0.00	82.36 -0.20 0.00	73.09 0.26 0.00	67.57 0.19 0.00	68.67 0.07 0.00	55.13 0.01 0.00	48.56 0.02 0.00

WDELAWARE___HYD 323627	35.06 0.77 -0.03	30.36 0.79 0.00	31.12 0.70 0.00	28.53 0.67 0.00	29.70 0.50 0.00	29.60 0.52 0.00	31.57 0.44 0.00	31.43 0.31 0.00	29.08 0.35 0.00	33.62 0.36 -0.11	45.57 0.47 -0.66	52.27 0.59 -0.40	52.39 0.80 -0.66	53.64 0.87 -1.04	55.81 0.58 -1.41	50.75 0.48 -1.04	58.96 0.76 -2.05	84.01 1.72 -1.51	84.74 2.19 0.00	74.57 1.75 0.00	68.45 1.08 0.00	69.59 0.99 0.00	56.75 0.77 -0.87	50.42 0.64 -1.24
WEST BABYLON___IC 23714	35.99 1.67 -0.05	31.38 1.81 0.00	32.15 1.73 0.00	29.51 1.65 0.00	30.64 1.43 0.00	30.59 1.51 0.00	32.41 1.29 0.00	32.34 1.22 0.00	29.80 1.07 0.00	34.65 1.32 -0.17	47.35 1.88 -1.05	53.49 1.57 -0.64	53.87 1.91 -1.04	55.48 2.22 -1.52	57.27 1.40 -2.04	52.14 1.31 -1.59	60.32 1.28 -2.89	83.34 1.98 -0.58	83.50 2.33 1.39	75.15 2.32 0.00	57.16 1.40 11.62	33.71 1.68 36.57	29.73 1.68 27.06	37.35 1.54 12.73
WEST CANADA___HYD 24049	34.27 0.01 0.00	29.64 0.07 0.00	30.52 0.10 0.00	28.00 0.13 0.00	29.31 0.11 0.00	29.19 0.12 0.00	31.21 0.09 0.00	31.13 0.01 0.00	28.69 -0.03 0.00	33.06 -0.10 0.00	44.30 -0.13 0.00	51.13 -0.15 0.00	50.82 -0.11 0.00	51.60 -0.13 0.00	53.67 -0.16 0.00	49.08 -0.15 0.00	55.97 -0.17 0.00	80.62 -0.17 0.00	82.56 0.00 0.00	72.86 0.04 0.00	67.28 -0.10 0.00	68.48 -0.13 0.00	55.06 -0.05 0.00	48.51 -0.03 0.00
WESTERN_NY_WIND 24143	35.83 1.57 0.00	31.29 1.72 0.00	32.27 1.85 0.00	29.31 1.45 0.00	30.84 1.64 0.00	30.54 1.46 0.00	32.88 1.77 0.00	32.72 1.61 0.00	30.12 1.39 0.00	34.75 1.60 0.00	47.70 3.03 -0.24	55.19 3.91 0.00	54.18 3.25 0.00	55.07 3.34 0.00	58.21 4.38 0.00	53.05 3.82 0.00	60.85 4.70 0.00	88.00 7.22 0.00	91.48 8.92 0.00	80.59 7.77 0.00	73.95 6.57 0.00	74.53 5.93 0.00	60.12 5.01 0.00	52.67 4.12 0.00
WESTOVER___LESR 323668	34.57 0.31 0.00	29.99 0.42 0.00	30.83 0.41 0.00	28.25 0.39 0.00	29.61 0.40 0.00	29.45 0.38 0.00	31.63 0.51 0.00	31.45 0.33 0.00	29.00 0.27 0.00	33.40 0.24 0.00	44.59 0.44 0.28	51.94 0.65 -0.01	51.51 0.58 0.00	52.37 0.64 0.00	54.70 0.87 0.00	49.94 0.71 0.00	57.08 0.94 0.00	83.49 1.72 -0.99	86.18 2.36 -1.27	75.19 1.82 -0.55	68.80 1.43 0.00	69.63 1.03 0.00	56.19 1.08 0.00	49.41 0.87 0.00
WETHRSFD_WT_PWR 323626	34.44 0.17 0.00	30.06 0.49 0.00	31.01 0.59 0.00	28.13 0.27 0.00	29.57 0.37 0.00	29.30 0.23 0.00	31.69 0.57 0.00	31.46 0.34 0.00	28.83 0.11 0.00	33.18 0.03 0.00	40.94 0.63 4.12	52.48 1.20 0.00	51.74 0.81 0.00	52.53 0.79 0.00	55.34 1.52 0.00	50.33 1.11 0.00	57.80 1.65 0.00	83.44 2.66 0.00	86.51 3.95 0.00	76.23 3.40 0.00	70.18 2.81 0.00	70.74 2.13 0.00	57.26 2.15 0.00	50.42 1.88 0.00
WHAVSTOR_138KV_BK127 55557	35.51 1.20 -0.05	30.84 1.27 0.00	31.64 1.22 0.00	29.00 1.14 0.00	30.19 0.98 0.00	30.07 1.00 0.00	32.04 0.92 0.00	31.90 0.78 0.00	29.49 0.77 0.00	34.09 0.77 -0.16	46.41 0.99 -0.99	53.06 1.18 -0.60	53.31 1.40 -0.98	54.76 1.48 -1.55	57.14 1.21 -2.10	51.84 1.06 -1.55	60.37 1.17 -3.05	85.10 2.07 -2.25	84.72 2.16 0.00	74.47 1.65 0.00	68.29 0.91 0.00	69.55 0.95 0.00	57.34 0.94 -1.29	51.40 1.00 -1.85
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.51 1.20 -0.05	30.84 1.27 0.00	31.64 1.22 0.00	29.00 1.14 0.00	30.19 0.98 0.00	30.07 1.00 0.00	32.04 0.92 0.00	31.90 0.78 0.00	29.49 0.77 0.00	34.09 0.77 -0.16	46.41 0.99 -0.99	53.06 1.18 -0.60	53.31 1.40 -0.98	54.76 1.48 -1.55	57.14 1.21 -2.10	51.84 1.06 -1.55	60.37 1.17 -3.05	85.10 2.07 -2.25	84.72 2.16 0.00	74.47 1.65 0.00	68.29 0.91 0.00	69.55 0.95 0.00	57.34 0.94 -1.29	51.40 1.00 -1.85
WHITEHAL_115KV_TB1 80871	36.89 2.68 0.04	32.26 2.69 0.00	33.51 3.09 0.00	30.54 2.69 0.00	31.77 2.57 0.00	31.67 2.59 0.00	33.95 2.83 0.00	33.40 2.28 0.00	30.66 1.94 0.00	34.64 1.63 0.15	45.22 1.72 0.92	53.02 2.30 0.56	51.96 1.95 0.92	52.02 1.74 1.45	53.45 1.59 1.97	48.95 1.17 1.45	55.03 1.74 2.86	82.32 3.64 2.11	87.80 5.25 0.00	77.78 4.96 0.00	71.70 4.33 0.00	73.27 4.67 0.00	57.44 3.53 1.21	50.08 3.27 1.73
WHITEPLN_13_KV_LOAD 356215	36.10 1.79 -0.05	31.35 1.78 0.00	32.15 1.73 0.00	29.48 1.62 0.00	30.68 1.47 0.00	30.57 1.50 0.00	32.57 1.45 0.00	32.41 1.30 0.00	29.99 1.27 0.00	34.69 1.37 -0.17	47.27 1.79 -1.05	54.04 2.13 -0.64	54.24 2.28 -1.04	55.78 2.40 -1.64	58.23 2.17 -2.23	52.80 1.93 -1.64	61.55 2.17 -3.23	86.74 3.57 -2.39	86.43 3.88 0.00	76.08 3.26 0.00	69.74 2.36 0.00	71.02 2.42 0.00	58.58 2.11 -1.37	52.48 1.97 -1.96
WM_FLOYD_69_KV_BK2 356380	35.60 1.29 -0.05	31.05 1.48 0.00	31.81 1.39 0.00	29.33 1.48 0.00	30.42 1.21 0.00	30.41 1.34 0.00	32.08 0.96 0.00	32.01 0.89 0.00	29.48 0.75 0.00	34.26 0.93 -0.17	46.82 1.34 -1.05	52.77 0.85 -0.64	53.12 1.15 -1.04	54.66 1.53 -1.40	56.28 0.60 -1.85	51.38 0.60 -1.55	59.31 0.59 -2.57	80.40 0.72 1.10	80.87 1.00 2.68	73.93 1.11 0.00	54.54 0.40 13.24	27.48 0.90 42.02	24.87 0.96 31.20	34.62 0.88 14.81
WOODARD___115KV_TB2 355635	34.03 -0.23 0.00	29.45 -0.12 0.00	30.32 -0.11 0.00	27.75 -0.11 0.00	29.07 -0.13 0.00	28.92 -0.15 0.00	30.99 -0.13 0.00	30.89 -0.23 0.00	28.46 -0.26 0.00	32.86 -0.29 0.00	44.18 -0.25 0.00	51.06 -0.24 -0.02	50.72 -0.21 0.00	51.56 -0.17 0.00	53.72 -0.11 0.00	49.14 -0.09 0.00	56.12 -0.03 0.00	82.76 0.16 -1.82	85.51 0.60 -2.35	74.39 0.56 -1.01	67.71 0.34 0.00	68.69 0.09 0.00	55.19 0.08 0.00	48.55 0.01 0.00
WOODMERE_69_KV_BK1 55827	36.18 1.87 -0.05	31.50 1.93 0.00	32.26 1.84 0.00	29.61 1.75 0.00	30.77 1.57 0.00	30.68 1.61 0.00	32.58 1.47 0.00	32.48 1.36 0.00	29.99 1.26 0.00	34.83 1.51 -0.17	47.57 2.09 -1.05	54.07 2.15 -0.64	54.42 2.45 -1.04	55.93 2.55 -1.65	58.04 1.98 -2.23	52.76 1.89 -1.64	61.40 2.02 -3.24	86.37 3.21 -2.39	85.97 3.42 0.00	75.93 3.11 0.00	69.15 2.03 0.26	70.84 2.24 0.00	58.55 2.07 -1.37	52.55 2.04 -1.97
YORK___WARBASSE 23770	36.07 1.76 -0.05	31.36 1.80 0.00	32.03 1.61 0.00	29.37 1.52 0.00	30.55 1.34 0.00	30.43 1.36 0.00	32.37 1.25 0.00	32.28 1.17 0.00	29.91 1.19 0.00	34.53 1.20 -0.17	46.97 1.49 -1.05	53.53 1.61 -0.64	53.72 1.75 -1.04	55.27 1.89 -1.65	57.60 1.55 -2.22	52.27 1.40 -1.64	60.91 1.52 -3.24	85.69 2.52 -2.39	85.27 2.72 0.00	75.07 2.25 0.01	68.85 1.48 0.00	70.11 1.51 0.00	57.99 1.51 -1.37	52.15 1.64 -1.97