

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/04/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.20	26.83	28.67	27.72	28.44	29.13	30.77	31.39	31.13	31.43	29.70	31.92	40.25	48.08	52.52	54.04	54.42	63.20	64.32	62.20	54.19	50.28	43.04	39.95
24138	1.97	1.47	0.66	0.67	1.69	1.78	1.97	2.20	2.19	2.20	1.28	1.83	2.66	2.67	3.07	3.65	3.74	4.60	4.25	4.10	3.62	2.93	2.95	2.45
	0.00	-3.91	-18.18	-16.65	0.00	0.00	0.00	0.00	0.00	-0.14	-12.19	-8.13	-7.46	-16.11	-17.69	-15.27	-15.13	-16.49	-19.01	-15.87	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.18	26.81	28.66	27.71	28.41	29.09	30.71	31.32	31.03	31.36	32.95	34.05	42.16	52.36	57.24	58.11	58.46	63.11	64.24	62.11	54.15	50.27	43.01	39.92
24260	1.95	1.45	0.65	0.66	1.66	1.74	1.91	2.12	2.09	2.09	1.21	1.75	2.54	2.56	2.97	3.56	3.65	4.50	4.16	4.01	3.58	2.93	2.92	2.42
	0.00	-3.91	-18.18	-16.65	0.00	0.00	0.00	0.00	0.00	-0.18	-15.51	-10.35	-9.49	-20.50	-22.51	-19.43	-19.26	-16.49	-19.01	-15.87	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.18	26.81	28.66	27.71	28.41	29.09	30.71	31.32	31.03	31.36	32.95	34.05	42.16	52.36	57.24	58.11	58.46	63.11	64.24	62.11	54.15	50.27	43.01	39.92
24261	1.95	1.45	0.65	0.66	1.66	1.74	1.91	2.12	2.09	2.09	1.21	1.75	2.54	2.56	2.97	3.56	3.65	4.50	4.16	4.01	3.58	2.93	2.92	2.42
	0.00	-3.91	-18.18	-16.65	0.00	0.00	0.00	0.00	0.00	-0.18	-15.51	-10.35	-9.49	-20.50	-22.51	-19.43	-19.26	-16.49	-19.01	-15.87	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.41	27.90	33.66	32.32	28.69	29.45	31.06	31.34	30.67	30.43	16.91	22.94	31.69	30.78	33.44	37.34	37.88	52.54	52.65	52.61	54.40	51.46	43.15	40.42
24011	2.19	1.47	0.71	0.74	1.94	2.11	2.26	2.15	1.72	1.34	0.68	0.99	1.57	1.48	1.68	2.21	2.33	3.09	3.13	3.31	3.82	3.63	3.06	2.92
	0.00	-4.98	-23.12	-21.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.33	-8.46	-7.06	0.00	-0.49	0.00	0.00
ADK RESOURCE___RCVRY	34.57	27.98	33.71	32.38	28.83	29.67	31.34	31.58	30.84	30.53	16.93	23.00	31.81	30.87	33.53	37.48	38.07	52.73	52.85	52.82	54.78	51.85	43.47	40.79
23798	2.35	1.56	0.74	0.79	2.07	2.33	2.55	2.39	1.89	1.44	0.70	1.05	1.68	1.57	1.77	2.35	2.52	3.37	3.43	3.61	4.20	4.03	3.38	3.29
	0.00	-4.98	-23.14	-21.19	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	-7.25	-8.36	-6.98	0.00	-0.48	0.00	0.00
ADK S GLENS___FALLS	34.41	27.90	33.66	32.32	28.69	29.45	31.06	31.34	30.67	30.43	16.91	22.94	31.69	30.78	33.44	37.34	37.88	52.54	52.65	52.61	54.40	51.46	43.15	40.42
24028	2.19	1.47	0.71	0.74	1.94	2.11	2.26	2.15	1.72	1.34	0.68	0.99	1.57	1.48	1.68	2.21	2.33	3.09	3.13	3.31	3.82	3.63	3.06	2.92
	0.00	-4.98	-23.12	-21.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.33	-8.46	-7.06	0.00	-0.49	0.00	0.00
ADK_NYS___DAM	33.95	27.56	32.91	31.62	28.34	28.95	30.44	30.85	30.38	30.23	16.82	22.86	31.53	30.54	33.09	36.83	37.12	57.80	58.82	57.27	52.89	50.30	42.11	39.47
23527	1.72	1.27	0.59	0.62	1.59	1.61	1.64	1.66	1.44	1.14	0.59	0.90	1.40	1.24	1.33	1.71	1.57	1.92	1.89	1.78	2.32	2.21	2.02	1.97
	0.00	-4.84	-22.50	-20.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.76	-15.88	-13.25	0.00	-0.75	0.00	0.00
AIR_PRODUCTS___DRP	33.14	27.00	32.57	31.27	27.63	28.23	29.69	30.04	29.43	29.40	16.42	22.25	30.63	29.73	32.21	35.76	36.19	52.02	52.36	51.64	51.07	46.77	40.64	38.02
24190	0.92	0.73	0.33	0.35	0.88	0.89	0.89	0.85	0.49	0.31	0.19	0.30	0.50	0.43	0.45	0.63	0.64	0.76	0.74	0.59	0.49	0.39	0.55	0.52
	0.00	-4.83	-22.41	-20.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.15	-10.56	-8.81	0.00	0.97	0.00	0.00
AKWESSNE_115KV_BK	31.84	21.14	9.68	10.24	26.37	26.94	28.46	28.93	28.74	29.02	16.12	21.72	29.87	29.07	31.48	34.66	35.08	41.43	40.36	41.64	50.29	47.25	39.84	37.28
355683	-0.39	-0.31	-0.15	-0.15	-0.38	-0.40	-0.34	-0.26	-0.21	-0.08	-0.11	-0.23	-0.26	-0.23	-0.28	-0.46	-0.47	-0.68	-0.70	-0.60	-0.29	-0.10	-0.24	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.56	27.17	32.23	30.99	28.00	28.60	30.00	30.19	29.59	29.52	16.47	22.33	30.72	29.81	32.30	35.88	36.32	49.11	49.19	49.37	52.01	47.78	41.32	38.63
323833	1.33	1.00	0.46	0.49	1.25	1.25	1.20	1.00	0.64	0.43	0.24	0.37	0.59	0.52	0.53	0.76	0.77	0.96	1.16	1.31	1.44	1.27	1.23	1.13
	0.00	-4.72	-21.95	-20.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-6.98	-5.82	0.00	0.83	0.00	0.00
ALBANY_2_SOLAR	33.55	27.17	32.24	30.99	28.00	28.59	29.99	30.19	29.58	29.52	16.47	22.32	30.72	29.81	32.29	35.88	36.31	49.09	49.16	49.33	52.00	47.76	41.30	38.61
323834	1.32	1.00	0.46	0.48	1.24	1.25	1.19	1.00	0.64	0.43	0.24	0.37	0.59	0.51	0.53	0.75	0.76	0.95	1.14	1.29	1.43	1.25	1.21	1.10
	0.00	-4.73	-21.95	-20.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.03	-6.96	-5.81	0.00	0.83	0.00	0.00
ALBANY___1	33.14	27.00	32.57	31.27	27.63	28.23	29.69	30.04	29.43	29.40	16.42	22.25	30.63	29.73	32.21	35.76	36.19	52.02	52.36	51.64	51.07	46.77	40.64	38.02
23571	0.92	0.73	0.33	0.35	0.88	0.89	0.89	0.85	0.49	0.31	0.19	0.30	0.50	0.43	0.45	0.63	0.64	0.76	0.74	0.59	0.49	0.39	0.55	0.52
	0.00	-4.83	-22.41	-20.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.15	-10.56	-8.81	0.00	0.97	0.00	0.00

ALBANY___2 23572	33.14 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.89 0.00	29.69 0.89 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.73 0.43 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.36 0.74 -10.56	51.64 0.59 -8.81	51.07 0.49 0.00	46.77 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
ALBANY___3 23573	33.14 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.89 0.00	29.69 0.89 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.73 0.43 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.36 0.74 -10.56	51.64 0.59 -8.81	51.07 0.49 0.00	46.77 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
ALBANY___4 23574	33.14 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.89 0.00	29.69 0.89 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.73 0.43 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.36 0.74 -10.56	51.64 0.59 -8.81	51.07 0.49 0.00	46.77 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
ALBANY___LFGE 323615	33.43 1.20 0.00	27.21 0.90 -4.87	32.84 0.41 -22.60	31.53 0.43 -20.71	27.85 1.10 0.00	28.45 1.11 0.00	29.93 1.13 0.00	30.29 1.09 0.00	29.72 0.78 0.00	29.69 0.60 0.00	16.58 0.35 0.00	22.47 0.52 0.00	30.97 0.84 0.00	30.09 0.79 0.00	32.64 0.88 0.00	36.25 1.12 0.00	36.69 1.13 0.00	52.90 1.40 -9.39	53.27 1.37 -10.84	52.54 1.26 -9.05	51.85 1.28 0.00	48.63 1.09 -0.20	41.19 1.10 0.00	38.50 1.00 0.00
ALCOA_PA_115KV_PL-6C 55860	31.89 -0.33 0.00	21.18 -0.27 0.00	9.70 -0.13 0.00	10.26 -0.13 0.00	26.44 -0.31 0.00	27.02 -0.33 0.00	28.52 -0.28 0.00	28.96 -0.23 0.00	28.77 -0.18 0.00	29.05 -0.04 0.00	16.13 -0.10 0.00	21.56 -0.39 0.00	29.87 -0.26 0.00	29.12 -0.18 0.00	31.52 -0.24 0.00	34.66 -0.46 0.00	35.03 -0.52 0.00	41.43 -0.69 0.00	40.32 -0.74 0.00	41.67 -0.56 0.00	50.36 -0.21 0.00	47.30 -0.04 0.00	39.88 -0.21 0.00	37.33 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	31.90 -0.33 0.00	21.17 -0.27 0.00	9.70 -0.13 0.00	10.26 -0.13 0.00	26.44 -0.31 0.00	27.02 -0.33 0.00	28.52 -0.28 0.00	28.96 -0.23 0.00	28.77 -0.18 0.00	29.05 -0.04 0.00	16.13 -0.10 0.00	21.56 -0.39 0.00	29.87 -0.26 0.00	29.12 -0.18 0.00	31.52 -0.24 0.00	34.67 -0.46 0.00	35.03 -0.52 0.00	41.43 -0.69 0.00	40.32 -0.74 0.00	41.67 -0.56 0.00	50.35 -0.22 0.00	47.30 -0.04 0.00	39.88 -0.21 0.00	37.33 -0.17 0.00
ALCOA___DSASP 323711	31.90 -0.33 0.00	21.17 -0.27 0.00	9.70 -0.13 0.00	10.26 -0.13 0.00	26.44 -0.31 0.00	27.02 -0.33 0.00	28.52 -0.28 0.00	28.96 -0.23 0.00	28.77 -0.18 0.00	29.05 -0.04 0.00	16.13 -0.10 0.00	21.56 -0.39 0.00	29.87 -0.26 0.00	29.12 -0.18 0.00	31.52 -0.24 0.00	34.67 -0.46 0.00	35.03 -0.52 0.00	41.43 -0.69 0.00	40.32 -0.74 0.00	41.67 -0.56 0.00	50.35 -0.22 0.00	47.30 -0.04 0.00	39.88 -0.21 0.00	37.33 -0.17 0.00
ALLEGHENY___COGEN 23514	32.65 0.42 0.00	22.26 0.16 -0.65	12.94 0.11 -3.00	13.19 0.05 -2.75	26.89 0.13 0.00	27.50 0.15 0.00	29.06 0.25 0.00	29.07 -0.13 0.00	28.55 -0.40 0.00	28.73 -0.36 0.00	16.07 -0.16 0.00	21.67 -0.28 0.00	29.59 -0.54 0.00	28.64 -0.66 0.00	31.29 -0.47 0.00	34.50 -0.62 0.00	36.43 -2.18 -3.06	91.47 -2.89 -52.25	89.26 -3.56 -51.77	68.26 -2.11 -28.14	51.31 -1.89 -2.62	52.23 -1.74 -6.62	46.53 -1.74 -8.17	38.28 0.78 0.00
ALTAMONT_115KV_TB 2 55880	33.16 0.94 0.00	26.98 0.73 -4.81	32.50 0.34 -22.34	31.21 0.35 -20.46	27.63 0.88 0.00	28.23 0.89 0.00	29.70 0.90 0.00	30.08 0.89 0.00	29.65 0.71 0.00	29.66 0.57 0.00	16.55 0.32 0.00	22.44 0.48 0.00	30.85 0.72 0.00	29.96 0.65 0.00	32.48 0.72 0.00	36.03 0.90 0.00	36.46 0.91 0.00	46.46 1.15 -3.20	45.87 1.12 -3.70	46.42 1.10 -3.09	51.66 1.08 0.00	47.88 0.93 0.40	41.04 0.95 0.00	38.34 0.84 0.00
ALTONA_WT_PWR 323606	31.65 -0.57 0.00	21.02 -0.42 0.00	9.63 -0.20 0.00	10.20 -0.19 0.00	26.29 -0.46 0.00	26.89 -0.46 0.00	28.41 -0.39 0.00	29.00 -0.20 0.00	28.77 -0.18 0.00	29.03 -0.06 0.00	16.11 -0.12 0.00	21.68 -0.27 0.00	29.78 -0.35 0.00	28.92 -0.38 0.00	31.33 -0.43 0.00	34.71 -0.41 0.00	35.12 -0.43 0.00	41.47 -0.64 0.00	40.47 -0.59 0.00	41.76 -0.47 0.00	50.38 -0.19 0.00	47.16 -0.18 0.00	39.64 -0.44 0.00	37.05 -0.45 0.00
AMERICAN_REF_FUEL 24010	29.55 -2.68 0.00	20.21 -1.80 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.81 0.00	15.29 -0.94 0.00	20.62 -1.33 0.00	28.05 -2.08 0.00	27.46 -1.84 0.00	29.76 -2.00 0.00	32.22 -2.90 0.00	31.44 -3.31 0.80	24.43 -4.01 13.68	23.70 -4.18 13.18	30.96 -4.10 7.17	44.58 -5.31 0.69	40.77 -4.84 1.73	33.75 -4.24 2.10	34.06 -3.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.70 -1.53 0.00	21.05 -1.03 -0.64	12.44 -0.37 -2.98	12.71 -0.42 -2.73	25.64 -1.12 0.00	26.20 -1.14 0.00	27.68 -1.12 0.00	28.23 -0.96 0.00	28.21 -0.73 0.00	28.31 -0.79 0.00	15.85 -0.38 0.00	21.42 -0.53 0.00	29.30 -0.83 0.00	28.69 -0.61 0.00	31.09 -0.68 0.00	33.85 -1.27 0.00	33.08 -1.50 0.96	23.70 -1.94 16.48	23.17 -1.93 15.95	31.89 -1.67 8.68	47.54 -2.21 0.83	43.03 -2.23 2.09	35.48 -2.07 2.53	35.80 -1.70 0.00
ARTHUR KILL_GT_1 23520	34.07 1.85 0.00	26.80 1.44 -3.91	28.69 0.67 -18.18	27.74 0.69 -16.65	28.46 1.71 0.00	29.13 1.78 0.00	30.77 1.97 0.00	31.35 2.15 0.00	30.99 2.05 0.00	31.28 2.00 -0.18	32.82 1.07 -15.51	33.87 1.57 -10.35	41.87 2.25 -9.49	52.06 2.26 -20.50	56.93 2.65 -22.51	57.83 3.28 -19.43	58.29 3.48 -19.26	63.07 4.47 -16.49	64.27 4.20 -19.01	62.23 4.12 -15.87	54.20 3.62 0.00	50.41 3.06 0.00	43.08 2.99 0.00	39.88 2.38 0.00
ARTHUR_KILL_2 23512	33.97 1.74 0.00	26.74 1.38 -3.91	28.66 0.65 -18.18	27.71 0.66 -16.65	28.38 1.63 0.00	29.05 1.70 0.00	30.68 1.88 0.00	31.25 2.06 0.00	30.90 1.96 0.00	31.19 1.91 -0.18	32.77 1.03 -15.51	33.81 1.50 -10.35	41.79 2.16 -9.49	51.97 2.16 -20.50	56.81 2.54 -22.51	57.70 3.14 -19.43	58.17 3.36 -19.26	62.89 4.29 -16.49	64.10 4.03 -19.01	62.04 3.94 -15.87	54.00 3.42 0.00	50.21 2.87 0.00	42.93 2.84 0.00	39.76 2.26 0.00
ARTHUR_KILL_3 23513	33.90 1.67 0.00	26.62 1.26 -3.91	28.57 0.56 -18.18	27.62 0.57 -16.65	28.17 1.41 0.00	28.83 1.48 0.00	30.44 1.64 0.00	31.04 1.84 0.00	30.75 1.80 0.00	31.05 1.79 -0.17	31.48 1.04 -14.21	32.95 1.52 -9.48	41.05 2.23 -8.69	50.32 2.25 -18.78	54.99 2.62 -20.62	56.11 3.19 -17.80	56.48 3.30 -17.64	62.64 4.04 -16.49	63.80 3.73 -19.01	61.69 3.58 -15.87	53.61 3.03 0.00	49.76 2.42 0.00	42.58 2.49 0.00	39.52 2.02 0.00

ARTHUR_KILL_COGEN 323718	34.07 1.84 0.00	26.80 1.44 -3.91	28.69 0.67 -18.18	27.74 0.69 -16.65	28.46 1.71 0.00	29.13 1.78 0.00	30.77 1.97 0.00	31.35 2.15 0.00	30.99 2.05 0.00	31.28 2.00 -0.18	32.82 1.07 -15.51	33.87 1.57 -10.35	41.87 2.25 -9.49	52.06 2.26 -20.50	56.91 2.63 -22.51	57.82 3.26 -19.43	58.29 3.49 -19.26	63.06 4.45 -16.49	64.26 4.19 -19.01	62.23 4.12 -15.87	54.20 3.62 0.00	50.41 3.07 0.00	43.09 3.00 0.00	39.88 2.38 0.00
ASHOKAN____ 23654	33.87 1.65 0.00	26.89 1.08 -4.37	30.55 0.44 -20.28	29.44 0.46 -18.58	28.03 1.28 0.00	28.69 1.34 0.00	30.31 1.51 0.00	30.82 1.63 0.00	30.36 1.41 0.00	30.34 1.25 0.00	16.94 0.71 0.00	22.99 1.04 0.00	31.70 1.57 0.00	30.88 1.58 0.00	33.68 1.91 0.00	37.63 2.51 0.00	38.29 2.74 0.00	55.99 3.60 -10.28	56.67 3.75 -11.86	55.82 3.68 -9.90	54.12 3.54 0.00	49.65 2.96 0.65	42.65 2.57 0.00	39.60 2.10 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.25 2.02 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.50 1.75 0.00	29.19 1.85 0.00	30.71 1.91 0.00	31.38 2.18 0.00	31.07 2.13 0.00	31.34 2.07 -0.18	32.46 1.14 -15.09	33.67 1.66 -10.06	41.78 2.42 -9.23	51.68 2.44 -19.94	56.47 2.82 -21.89	57.44 3.41 -18.90	57.83 3.56 -18.73	62.96 4.35 -16.49	64.04 3.97 -19.01	61.94 3.83 -15.87	53.93 3.35 0.00	50.15 2.80 0.00	42.97 2.88 0.00	39.88 2.38 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.25 2.02 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.50 1.75 0.00	29.19 1.84 0.00	30.71 1.91 0.00	31.38 2.18 0.00	31.07 2.13 0.00	31.34 2.07 -0.18	32.46 1.14 -15.09	33.67 1.66 -10.06	41.78 2.42 -9.23	51.68 2.44 -19.94	56.47 2.82 -21.89	57.44 3.41 -18.90	57.83 3.56 -18.73	62.96 4.35 -16.49	64.04 3.97 -19.01	61.94 3.83 -15.87	53.93 3.35 0.00	50.15 2.80 0.00	42.97 2.88 0.00	39.88 2.38 0.00
ASTORIA_GT2_1 24094	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT2_2 24095	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT2_3 24096	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT2_4 24097	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT3_1 24098	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT3_2 24099	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT3_3 24100	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT3_4 24101	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT4_1 24102	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT4_2 24103	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT4_3 24104	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00

ASTORIA_GT4_4 24105	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	63.00 4.39 -16.49	64.06 3.99 -19.01	61.97 3.87 -15.87	53.96 3.38 0.00	50.17 2.82 0.00	42.97 2.88 0.00	39.89 2.39 0.00
ASTORIA_GT_1 23523	34.32 2.10 0.00	26.92 1.56 -3.91	28.72 0.71 -18.18	27.77 0.72 -16.65	28.55 1.80 0.00	29.24 1.89 0.00	30.77 1.98 0.00	31.45 2.25 0.00	31.14 2.20 0.00	31.42 2.15 -0.18	32.51 1.19 -15.09	33.74 1.72 -10.06	41.87 2.51 -9.23	51.76 2.53 -19.94	56.57 2.92 -21.89	57.55 3.53 -18.90	57.94 3.67 -18.73	63.11 4.50 -16.49	64.17 4.09 -19.01	62.07 3.96 -15.87	54.08 3.50 0.00	50.27 2.93 0.00	43.06 2.98 0.00	39.96 2.46 0.00
ASTORIA_GT_10 24110	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.91 1.96 0.00	31.23 1.95 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.17 2.36 -20.50	56.98 2.71 -22.51	57.81 3.26 -19.43	58.15 3.34 -19.26	62.81 4.20 -16.49	63.94 3.87 -19.01	61.82 3.72 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.21 0.00
ASTORIA_GT_11 24225	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.91 1.96 0.00	31.23 1.95 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.17 2.36 -20.50	56.98 2.71 -22.51	57.81 3.26 -19.43	58.15 3.34 -19.26	62.81 4.20 -16.49	63.94 3.87 -19.01	61.82 3.72 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.21 0.00
ASTORIA_GT_12 24226	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.91 1.96 0.00	31.23 1.95 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.17 2.36 -20.50	56.98 2.71 -22.51	57.81 3.26 -19.43	58.15 3.34 -19.26	62.81 4.20 -16.49	63.94 3.87 -19.01	61.82 3.72 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.21 0.00
ASTORIA_GT_13 24227	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.91 1.96 0.00	31.23 1.95 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.17 2.36 -20.50	56.98 2.71 -22.51	57.81 3.26 -19.43	58.15 3.34 -19.26	62.81 4.20 -16.49	63.94 3.87 -19.01	61.82 3.72 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.21 0.00
ASTORIA_GT_5 24106	34.32 2.10 0.00	26.92 1.56 -3.91	28.72 0.71 -18.18	27.77 0.72 -16.65	28.55 1.80 0.00	29.24 1.89 0.00	30.77 1.98 0.00	31.45 2.25 0.00	31.14 2.20 0.00	31.42 2.15 -0.18	32.51 1.19 -15.09	33.74 1.72 -10.06	41.87 2.51 -9.23	51.76 2.53 -19.94	56.57 2.92 -21.89	57.55 3.53 -18.90	57.94 3.67 -18.73	63.11 4.50 -16.49	64.17 4.09 -19.01	62.07 3.96 -15.87	54.08 3.50 0.00	50.27 2.93 0.00	43.06 2.98 0.00	39.96 2.46 0.00
ASTORIA_GT_7 24107	34.32 2.10 0.00	26.92 1.56 -3.91	28.72 0.71 -18.18	27.77 0.72 -16.65	28.55 1.80 0.00	29.24 1.89 0.00	30.77 1.98 0.00	31.45 2.25 0.00	31.14 2.20 0.00	31.42 2.15 -0.18	32.51 1.19 -15.09	33.74 1.72 -10.06	41.87 2.51 -9.23	51.76 2.53 -19.94	56.57 2.92 -21.89	57.55 3.53 -18.90	57.94 3.67 -18.73	63.11 4.50 -16.49	64.17 4.09 -19.01	62.07 3.96 -15.87	54.08 3.50 0.00	50.27 2.93 0.00	43.06 2.98 0.00	39.96 2.46 0.00
ASTORIA_GT_8 24108	34.32 2.10 0.00	26.92 1.56 -3.91	28.72 0.71 -18.18	27.77 0.72 -16.65	28.55 1.80 0.00	29.24 1.89 0.00	30.77 1.98 0.00	31.45 2.25 0.00	31.14 2.20 0.00	31.42 2.15 -0.18	32.51 1.19 -15.09	33.74 1.72 -10.06	41.87 2.51 -9.23	51.76 2.53 -19.94	56.57 2.92 -21.89	57.55 3.53 -18.90	57.94 3.67 -18.73	63.11 4.50 -16.49	64.17 4.09 -19.01	62.07 3.96 -15.87	54.08 3.50 0.00	50.27 2.93 0.00	43.06 2.98 0.00	39.96 2.46 0.00
ASTORIA___2 24149	34.27 2.04 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.76 0.70 -16.65	28.51 1.76 0.00	29.19 1.85 0.00	30.72 1.92 0.00	31.39 2.19 0.00	31.09 2.14 0.00	31.36 2.09 -0.18	32.47 1.15 -15.09	33.69 1.67 -10.06	41.80 2.44 -9.23	51.70 2.46 -19.94	56.49 2.84 -21.89	57.47 3.45 -18.90	57.85 3.57 -18.73	62.98 4.37 -16.49	64.06 3.99 -19.01	61.97 3.86 -15.87	53.96 3.38 0.00	50.16 2.82 0.00	42.98 2.89 0.00	39.89 2.39 0.00
ASTORIA___3 23516	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.90 1.96 0.00	31.22 1.95 -0.18	32.86 1.11 -15.51	33.93 1.62 -10.35	41.98 2.36 -9.49	52.17 2.37 -20.50	56.98 2.71 -22.51	57.81 3.25 -19.43	58.15 3.34 -19.26	62.79 4.19 -16.49	63.94 3.86 -19.01	61.81 3.70 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.20 0.00
ASTORIA___4 23517	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.91 1.96 0.00	31.23 1.95 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.17 2.36 -20.50	56.98 2.71 -22.51	57.81 3.26 -19.43	58.15 3.34 -19.26	62.81 4.20 -16.49	63.94 3.87 -19.01	61.82 3.72 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.21 0.00
ASTORIA___5 23518	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.90 1.96 0.00	31.22 1.95 -0.18	32.86 1.11 -15.51	33.93 1.62 -10.35	41.98 2.36 -9.49	52.17 2.37 -20.50	56.98 2.71 -22.51	57.81 3.25 -19.43	58.15 3.34 -19.26	62.79 4.19 -16.49	63.94 3.86 -19.01	61.81 3.70 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.20 0.00
AST_ENERGY_2_CC3 323677	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.90 0.00	31.15 1.88 -0.18	32.41 1.09 -15.09	33.61 1.59 -10.06	41.67 2.31 -9.23	51.57 2.33 -19.94	56.37 2.72 -21.89	57.30 3.28 -18.90	57.66 3.38 -18.73	62.76 4.16 -16.49	63.92 3.85 -19.01	61.80 3.70 -15.87	53.79 3.21 0.00	49.94 2.60 0.00	42.74 2.65 0.00	39.69 2.19 0.00
AST_ENERGY_2_CC4 323678	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.90 0.00	31.15 1.88 -0.18	32.41 1.09 -15.09	33.61 1.59 -10.06	41.67 2.31 -9.23	51.57 2.33 -19.94	56.37 2.72 -21.89	57.30 3.28 -18.90	57.66 3.38 -18.73	62.76 4.16 -16.49	63.92 3.85 -19.01	61.80 3.70 -15.87	53.79 3.21 0.00	49.94 2.60 0.00	42.74 2.65 0.00	39.69 2.19 0.00

ATHENS_STG_1 23668	33.28 1.05 0.00	26.63 0.82 -4.36	30.48 0.38 -20.27	29.37 0.40 -18.57	27.73 0.97 0.00	28.34 0.99 0.00	29.81 1.01 0.00	30.27 1.08 0.00	29.90 0.96 0.00	29.94 0.85 0.00	16.72 0.49 0.00	22.69 0.74 0.00	31.21 1.08 0.00	30.31 1.01 0.00	32.89 1.13 0.00	36.51 1.39 0.00	36.97 1.42 0.00	48.72 1.74 -4.87	48.29 1.62 -5.62	48.45 1.52 -4.69	51.92 1.34 0.00	48.43 1.09 0.00	41.27 1.18 0.00	38.54 1.04 0.00
ATHENS_STG_2 23670	33.28 1.05 0.00	26.63 0.82 -4.36	30.48 0.38 -20.27	29.37 0.40 -18.57	27.73 0.97 0.00	28.34 0.99 0.00	29.81 1.01 0.00	30.27 1.08 0.00	29.90 0.96 0.00	29.94 0.85 0.00	16.72 0.49 0.00	22.69 0.74 0.00	31.21 1.08 0.00	30.31 1.01 0.00	32.89 1.13 0.00	36.51 1.39 0.00	36.97 1.42 0.00	48.72 1.74 -4.87	48.29 1.62 -5.62	48.45 1.52 -4.69	51.92 1.34 0.00	48.43 1.09 0.00	41.27 1.18 0.00	38.54 1.04 0.00
ATHENS_STG_3 23677	33.28 1.05 0.00	26.63 0.82 -4.36	30.48 0.38 -20.27	29.37 0.40 -18.57	27.73 0.97 0.00	28.34 0.99 0.00	29.81 1.01 0.00	30.27 1.08 0.00	29.90 0.96 0.00	29.94 0.85 0.00	16.72 0.49 0.00	22.69 0.74 0.00	31.21 1.08 0.00	30.31 1.01 0.00	32.89 1.13 0.00	36.51 1.39 0.00	36.97 1.42 0.00	48.72 1.74 -4.87	48.29 1.62 -5.62	48.45 1.52 -4.69	51.92 1.34 0.00	48.43 1.09 0.00	41.27 1.18 0.00	38.54 1.04 0.00
AUBURN___LFGE 323710	32.34 0.12 0.00	22.01 0.05 -0.51	12.22 0.02 -2.37	12.59 0.03 -2.17	26.74 -0.01 0.00	27.45 0.10 0.00	28.94 0.14 0.00	29.26 0.07 0.00	28.85 -0.10 0.00	28.77 -0.32 0.00	16.04 -0.18 0.00	21.65 -0.30 0.00	29.69 -0.44 0.00	28.93 -0.38 0.00	31.41 -0.35 0.00	34.67 -0.45 0.00	35.26 -0.51 -0.22	45.57 -0.31 -3.76	45.23 -0.07 -4.24	45.99 0.24 -3.51	53.48 0.12 -2.79	49.43 0.11 -1.98	41.07 0.01 -0.98	37.51 0.01 0.00
BABYLON_RES_REC 323704	35.93 2.45 -1.25	27.05 1.69 -3.92	28.81 0.79 -18.19	27.83 0.78 -16.66	28.65 1.90 0.00	29.37 2.02 0.00	30.99 2.19 0.00	31.54 2.35 0.00	31.04 2.10 0.00	31.17 2.09 0.01	16.87 1.27 0.63	24.01 1.88 -0.17	32.67 2.69 0.15	32.50 2.75 -0.44	35.57 3.21 -0.60	42.47 3.81 -3.53	41.36 3.98 -1.83	63.07 4.47 -16.48	64.26 4.19 -19.02	61.94 3.84 -15.87	54.03 3.45 0.00	50.12 2.78 0.00	43.20 3.11 0.00	40.10 2.60 0.00
BALL_HILL_WT_PWR 323825	30.56 -1.67 0.00	20.94 -1.13 -0.62	12.30 -0.43 -2.90	12.57 -0.48 -2.66	25.50 -1.26 0.00	26.02 -1.32 0.00	27.44 -1.35 0.00	28.02 -1.18 0.00	28.01 -0.94 0.00	28.15 -0.94 0.00	15.77 -0.46 0.00	21.28 -0.67 0.00	29.10 -1.03 0.00	28.50 -0.80 0.00	30.87 -0.89 0.00	33.59 -1.53 0.00	32.74 -1.78 1.04	22.10 -2.25 17.76	21.57 -2.30 17.18	30.78 -2.11 9.35	46.89 -2.80 0.89	42.39 -2.71 2.25	34.88 -2.48 2.73	35.50 -2.00 0.00
BARON_WINDS___WT_PWR 323822	31.62 -0.61 0.00	21.74 -0.51 -0.80	13.34 -0.21 -3.72	13.50 -0.30 -3.41	25.96 -0.80 0.00	26.58 -0.76 0.00	28.05 -0.75 0.00	28.18 -1.02 0.00	28.08 -0.86 0.00	28.26 -0.83 0.00	15.79 -0.44 0.00	21.30 -0.65 0.00	29.14 -0.99 0.00	28.51 -0.79 0.00	30.89 -0.88 0.00	33.92 -1.20 0.00	29.81 -1.34 4.40	-33.99 -1.37 74.73	-33.61 -1.11 73.56	2.08 -0.65 39.51	46.53 -0.95 3.10	36.96 -1.24 9.14	27.27 -1.18 11.63	36.50 -1.01 0.00
BARRETT_IC_1 23704	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_10 23701	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_11 23702	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_12 23703	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_2 23705	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_3 23706	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_4 23707	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_5 23708	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00

BARRETT_IC_6 23709	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_7 23710	35.48 2.06 -1.19	26.81 1.45 -3.92	28.68 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.05 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.77 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.85 1.72 -0.17	32.44 2.46 0.15	32.21 2.47 -0.44	35.21 2.84 -0.60	42.01 3.36 -3.53	40.78 3.40 -1.83	62.51 3.92 -16.48	63.73 3.65 -19.02	61.45 3.34 -15.87	53.47 2.89 0.00	49.66 2.32 0.00	42.84 2.75 0.00	39.82 2.32 0.00
BARRETT_IC_8 23711	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT_IC_9 23700	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT___1 23545	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BARRETT___2 23546	35.47 2.06 -1.19	26.81 1.45 -3.92	28.69 0.67 -18.19	27.71 0.66 -16.66	28.36 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.19 2.00 0.00	30.78 1.83 0.00	30.95 1.86 0.01	16.78 1.18 0.63	23.86 1.73 -0.17	32.45 2.47 0.15	32.22 2.47 -0.44	35.21 2.84 -0.60	42.01 3.35 -3.53	40.80 3.41 -1.83	62.50 3.91 -16.48	63.72 3.65 -19.02	61.45 3.34 -15.87	53.46 2.88 0.00	49.66 2.32 0.00	42.85 2.76 0.00	39.82 2.32 0.00
BATAVIA__115KV_TB1 55881	31.03 -1.19 0.00	21.14 -0.83 -0.52	11.94 -0.32 -2.43	12.29 -0.34 -2.23	25.86 -0.89 0.00	26.36 -0.99 0.00	27.74 -1.06 0.00	28.26 -0.93 0.00	27.95 -0.99 0.00	28.05 -1.04 0.00	15.67 -0.56 0.00	21.12 -0.83 0.00	28.81 -1.32 0.00	28.21 -1.09 0.00	30.62 -1.14 0.00	33.38 -1.74 0.00	32.93 -2.05 0.57	29.74 -2.63 9.75	28.98 -2.58 9.50	35.16 -1.91 5.17	47.95 -2.14 0.49	44.21 -1.90 1.23	36.64 -1.94 1.51	36.00 -1.50 0.00
BAYONEEC___CTG1 323682	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG10 323750	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG2 323683	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG3 323684	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG4 323685	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG5 323686	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG6 323687	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG7 323688	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00

BAYONEEC___CTG8 323689	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYONEEC___CTG9 323749	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.89 -0.17	31.54 1.10 -14.21	33.03 1.60 -9.48	41.16 2.33 -8.69	50.43 2.35 -18.78	55.12 2.74 -20.62	56.22 3.30 -17.80	56.59 3.41 -17.64	62.79 4.19 -16.49	63.94 3.87 -19.01	61.83 3.73 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.68 2.18 0.00
BAYPORT_69_KV_BK 2 356364	36.15 2.78 -1.15	27.29 1.92 -3.92	28.92 0.90 -18.19	27.94 0.89 -16.66	28.94 2.19 0.00	29.69 2.34 0.00	31.36 2.55 0.00	31.85 2.65 0.00	31.31 2.36 0.00	31.43 2.35 0.01	16.99 1.39 0.63	24.13 2.01 -0.17	32.83 2.86 0.15	32.71 2.97 -0.44	35.86 3.50 -0.60	42.82 4.17 -3.53	41.73 4.35 -1.83	63.59 5.00 -16.48	64.73 4.66 -19.02	62.37 4.26 -15.87	54.52 3.94 0.00	50.51 3.16 0.00	43.53 3.44 0.00	40.28 2.78 0.00
BEACON___LESR 323632	33.44 1.22 0.00	27.20 0.94 -4.82	32.64 0.43 -22.38	31.34 0.45 -20.50	27.89 1.14 0.00	28.50 1.16 0.00	30.00 1.21 0.00	30.36 1.16 0.00	29.82 0.87 0.00	29.75 0.66 0.00	16.60 0.37 0.00	22.50 0.54 0.00	31.01 0.88 0.00	30.10 0.79 0.00	32.61 0.85 0.00	36.16 1.04 0.00	36.63 1.08 0.00	53.08 1.35 -9.62	53.50 1.35 -11.10	52.76 1.27 -9.26	51.84 1.27 0.00	46.74 1.08 1.68	41.16 1.07 0.00	38.44 0.94 0.00
BEAVER RIVER___HYD 24048	30.99 -1.24 0.00	20.70 -0.89 -0.14	10.10 -0.39 -0.66	10.69 -0.31 -0.61	26.21 -0.54 0.00	26.95 -0.39 0.00	28.39 -0.40 0.00	28.36 -0.83 0.00	28.11 -0.84 0.00	28.34 -0.75 0.00	15.68 -0.55 0.00	21.00 -0.95 0.00	28.77 -1.36 0.00	28.26 -1.04 0.00	30.67 -1.09 0.00	33.34 -1.79 0.00	33.59 -1.96 0.00	40.63 -1.48 0.00	40.06 -1.26 -0.26	42.53 -0.45 -0.74	51.74 -0.13 -1.29	47.04 -1.05 -0.75	39.20 -1.08 -0.19	36.32 -1.18 0.00
BEEBEE_GT_13 23619	31.31 -0.92 0.00	21.26 -0.64 -0.45	11.67 -0.25 -2.10	12.04 -0.28 -1.92	26.00 -0.75 0.00	26.56 -0.78 0.00	27.97 -0.82 0.00	28.51 -0.68 0.00	28.36 -0.58 0.00	28.56 -0.54 0.00	15.97 -0.26 0.00	21.58 -0.38 0.00	29.52 -0.61 0.00	28.83 -0.47 0.00	31.35 -0.41 0.00	34.27 -0.85 0.00	34.33 -1.07 0.15	38.21 -1.36 2.54	37.13 -1.42 2.52	39.75 -1.12 1.37	49.02 -1.43 0.13	45.58 -1.44 0.32	38.17 -1.52 0.40	36.29 -1.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.26 2.03 0.00	26.88 1.52 -3.91	28.70 0.69 -18.18	27.74 0.69 -16.65	28.48 1.73 0.00	29.16 1.81 0.00	30.80 2.00 0.00	31.42 2.23 0.00	31.12 2.18 0.00	31.44 2.16 -0.18	32.96 1.22 -15.51	34.07 1.77 -10.35	42.18 2.56 -9.49	52.39 2.58 -20.50	57.28 3.00 -22.51	58.18 3.63 -19.43	58.56 3.75 -19.26	63.30 4.70 -16.49	64.44 4.36 -19.01	62.34 4.23 -15.87	54.36 3.79 0.00	50.52 3.18 0.00	43.25 3.16 0.00	40.07 2.57 0.00
BETHLEHEM___GRP 23843	33.14 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.89 0.00	29.69 0.89 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.73 0.43 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.36 0.74 -10.56	51.64 0.59 -8.81	51.07 0.49 0.00	46.77 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
BETHLEHEM___GS1 323560	33.15 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.88 0.00	29.70 0.90 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.72 0.42 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.34 0.72 -10.56	51.64 0.59 -8.81	51.07 0.50 0.00	46.76 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
BETHLEHEM___GS2 323561	33.15 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.88 0.00	29.70 0.90 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.72 0.42 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.34 0.72 -10.56	51.64 0.59 -8.81	51.07 0.50 0.00	46.76 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
BETHLEHEM___GS3 323562	33.15 0.92 0.00	27.00 0.73 -4.83	32.57 0.33 -22.41	31.27 0.35 -20.53	27.63 0.88 0.00	28.23 0.88 0.00	29.70 0.90 0.00	30.04 0.85 0.00	29.43 0.49 0.00	29.40 0.31 0.00	16.42 0.19 0.00	22.25 0.30 0.00	30.63 0.50 0.00	29.72 0.42 0.00	32.21 0.45 0.00	35.76 0.63 0.00	36.19 0.64 0.00	52.02 0.76 -9.15	52.34 0.72 -10.56	51.64 0.59 -8.81	51.07 0.50 0.00	46.76 0.39 0.97	40.64 0.55 0.00	38.02 0.52 0.00
BETHLEHEM___STEEL 23779	30.54 -1.68 0.00	20.92 -1.14 -0.61	12.22 -0.46 -2.85	12.51 -0.49 -2.61	25.46 -1.30 0.00	25.97 -1.38 0.00	27.35 -1.45 0.00	27.97 -1.22 0.00	27.97 -0.98 0.00	28.16 -0.93 0.00	15.77 -0.46 0.00	21.26 -0.69 0.00	29.02 -1.11 0.00	28.41 -0.89 0.00	30.81 -0.95 0.00	33.47 -1.65 0.00	32.59 -1.95 1.02	22.26 -2.51 17.34	21.63 -2.65 16.78	30.70 -2.41 9.13	46.66 -3.04 0.87	42.29 -2.86 2.20	34.76 -2.66 2.66	35.36 -2.14 0.00
BETHLHEM_115KV_TB1 79974	33.15 0.92 0.00	26.99 0.73 -4.82	32.54 0.33 -22.38	31.25 0.35 -20.50	27.63 0.88 0.00	28.23 0.89 0.00	29.69 0.89 0.00	30.05 0.85 0.00	29.49 0.54 0.00	29.47 0.37 0.00	16.45 0.23 0.00	22.30 0.34 0.00	30.69 0.56 0.00	29.78 0.48 0.00	32.28 0.52 0.00	35.82 0.69 0.00	36.25 0.70 0.00	51.10 0.85 -8.15	51.28 0.82 -9.40	50.76 0.68 -7.84	51.18 0.60 0.00	46.94 0.48 0.89	40.72 0.63 0.00	38.07 0.57 0.00
BETHPAGE_CC_5 323564	35.85 2.30 -1.32	26.96 1.60 -3.92	28.76 0.75 -18.19	27.78 0.73 -16.66	28.52 1.76 0.00	29.20 1.85 0.00	30.81 2.01 0.00	31.35 2.15 0.00	30.90 1.96 0.00	31.07 1.98 0.01	16.83 1.23 0.63	24.03 1.91 -0.17	32.71 2.73 0.15	32.52 2.78 -0.44	35.59 3.22 -0.60	42.47 3.81 -3.53	41.20 3.82 -1.83	62.91 4.32 -16.48	64.11 4.04 -19.02	61.75 3.64 -15.87	53.75 3.18 0.00	49.85 2.51 0.00	43.05 2.96 0.00	40.05 2.55 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.62 -1.60 0.00	20.98 -1.09 -0.62	12.28 -0.43 -2.88	12.56 -0.48 -2.64	25.51 -1.24 0.00	26.03 -1.32 0.00	27.42 -1.37 0.00	28.05 -1.14 0.00	28.05 -0.89 0.00	28.25 -0.84 0.00	15.82 -0.41 0.00	21.33 -0.62 0.00	29.13 -1.00 0.00	28.51 -0.79 0.00	30.92 -0.84 0.00	33.60 -1.52 0.00	32.75 -1.81 0.99	22.84 -2.32 16.95	22.20 -2.45 16.41	31.09 -2.23 8.93	46.89 -2.84 0.85	42.52 -2.68 2.15	34.97 -2.51 2.61	35.47 -2.03 0.00

BINGHAMTON___COGEN 23790	32.12 -0.10 0.00	22.70 -0.03 -1.28	15.81 0.02 -5.96	15.84 -0.01 -5.46	26.71 -0.05 0.00	27.31 -0.04 0.00	28.77 -0.03 0.00	29.11 -0.08 0.00	28.86 -0.08 0.00	28.89 -0.20 0.00	16.13 -0.10 0.00	21.83 -0.12 0.00	29.97 -0.16 0.00	29.20 -0.10 0.00	31.69 -0.07 0.00	35.04 -0.08 0.00	35.64 -0.04 -0.13	45.19 0.05 -3.03	44.64 0.18 -3.40	45.19 0.27 -2.67	51.91 0.02 -1.31	48.15 -0.17 -0.97	40.55 -0.07 -0.53	37.37 -0.13 0.00
BIXINCNT_115KV_LOAD 355685	30.72 -1.51 0.00	21.07 -1.03 -0.65	12.44 -0.43 -3.04	12.71 -0.47 -2.79	25.58 -1.17 0.00	26.11 -1.24 0.00	27.56 -1.24 0.00	28.33 -0.86 0.00	28.36 -0.58 0.00	28.55 -0.54 0.00	15.96 -0.27 0.00	21.53 -0.42 0.00	29.43 -0.70 0.00	28.77 -0.53 0.00	31.17 -0.60 0.00	33.87 -1.25 0.00	33.17 -1.48 0.90	24.84 -1.88 15.39	24.23 -1.92 14.91	32.42 -1.70 8.11	47.54 -2.27 0.77	43.16 -2.23 1.95	35.59 -2.13 2.37	35.72 -1.78 0.00
BLACK RIVER___HYD 24047	30.99 -1.24 0.00	20.72 -0.92 -0.20	10.37 -0.39 -0.93	10.96 -0.29 -0.86	26.25 -0.50 0.00	27.01 -0.33 0.00	28.42 -0.37 0.00	28.20 -0.99 0.00	27.96 -0.98 0.00	28.16 -0.94 0.00	15.59 -0.63 0.00	20.85 -1.10 0.00	28.51 -1.62 0.00	28.04 -1.26 0.00	30.44 -1.32 0.00	33.03 -2.09 0.00	33.29 -2.26 0.00	40.63 -1.49 0.00	40.12 -1.37 -0.43	43.17 -0.33 -1.26	52.90 0.13 -2.19	47.70 -0.91 -1.27	39.37 -1.04 -0.33	36.38 -1.12 0.00
BLACKRVR_115KV_TB2 79977	30.99 -1.24 0.00	20.72 -0.92 -0.20	10.37 -0.39 -0.93	10.96 -0.29 -0.86	26.25 -0.50 0.00	27.01 -0.33 0.00	28.42 -0.37 0.00	28.20 -0.99 0.00	27.96 -0.98 0.00	28.16 -0.94 0.00	15.59 -0.63 0.00	20.85 -1.10 0.00	28.51 -1.62 0.00	28.04 -1.26 0.00	30.44 -1.32 0.00	33.04 -2.09 0.00	33.29 -2.26 0.00	40.63 -1.49 0.00	40.12 -1.37 -0.43	43.17 -0.33 -1.26	52.90 0.13 -2.19	47.70 -0.91 -1.27	39.37 -1.05 -0.33	36.38 -1.12 0.00
BLISS_WT_PWR 323608	30.65 -1.57 0.00	21.02 -1.08 -0.65	12.42 -0.45 -3.04	12.69 -0.49 -2.79	25.53 -1.23 0.00	26.05 -1.29 0.00	27.51 -1.29 0.00	28.31 -0.88 0.00	28.37 -0.58 0.00	28.56 -0.53 0.00	15.97 -0.26 0.00	21.54 -0.41 0.00	29.43 -0.70 0.00	28.78 -0.52 0.00	31.17 -0.59 0.00	33.86 -1.26 0.00	33.15 -1.50 0.90	24.85 -1.87 15.39	24.24 -1.91 14.91	32.39 -1.73 8.11	47.50 -2.31 0.77	43.13 -2.26 1.95	35.53 -2.19 2.37	35.66 -1.84 0.00
BLUESTONE___WT_PWR 323821	33.55 1.32 0.00	23.68 0.85 -1.38	16.67 0.43 -6.42	16.70 0.43 -5.88	27.82 1.07 0.00	28.50 1.15 0.00	29.90 1.10 0.00	30.13 0.93 0.00	29.63 0.69 0.00	29.57 0.47 0.00	16.57 0.34 0.00	22.41 0.46 0.00	30.72 0.59 0.00	29.86 0.56 0.00	32.19 0.43 0.00	35.56 0.44 0.00	36.31 0.60 -0.15	46.92 1.18 -3.63	46.77 1.72 -3.99	47.41 2.17 -3.01	54.54 2.79 -1.18	50.82 2.54 -0.93	42.68 2.03 -0.56	39.19 1.69 0.00
BLUE_CIRC_CHEM_DRP 24182	33.31 1.09 0.00	27.03 0.84 -4.74	32.22 0.39 -22.01	30.97 0.41 -20.16	27.80 1.05 0.00	28.40 1.05 0.00	29.82 1.02 0.00	30.11 0.91 0.00	29.58 0.64 0.00	29.55 0.46 0.00	16.49 0.26 0.00	22.36 0.40 0.00	30.75 0.62 0.00	29.83 0.53 0.00	32.29 0.54 0.00	35.83 0.71 0.00	36.25 0.70 0.00	48.56 0.86 -5.59	48.43 0.92 -6.45	48.57 0.95 -5.38	51.55 0.98 0.00	47.43 0.86 0.78	40.99 0.90 0.00	38.33 0.83 0.00
BOC_GAS_DRP 24189	33.06 0.83 0.00	26.90 0.67 -4.79	32.38 0.31 -22.25	31.09 0.32 -20.38	27.56 0.81 0.00	28.15 0.81 0.00	29.61 0.81 0.00	30.02 0.82 0.00	29.62 0.67 0.00	29.64 0.55 0.00	16.55 0.32 0.00	22.43 0.47 0.00	30.84 0.71 0.00	29.94 0.63 0.00	32.45 0.69 0.00	35.98 0.85 0.00	36.41 0.86 0.00	46.15 1.04 -3.00	45.48 0.97 -3.46	46.02 0.89 -2.89	51.39 0.81 0.00	47.55 0.67 0.47	40.86 0.77 0.00	38.17 0.67 0.00
BOONVILLE_115KV_TB1 79983	32.20 -0.03 0.00	21.50 -0.07 -0.12	10.38 -0.02 -0.57	10.94 0.02 -0.52	26.95 0.19 0.00	27.64 0.30 0.00	29.13 0.33 0.00	29.26 0.06 0.00	28.91 -0.03 0.00	29.02 -0.07 0.00	16.13 -0.10 0.00	21.75 -0.21 0.00	29.82 -0.31 0.00	29.13 -0.17 0.00	31.62 -0.14 0.00	34.74 -0.38 0.00	35.21 -0.34 0.00	42.24 0.13 0.00	41.54 0.35 -0.12	43.40 0.80 -0.36	52.28 1.08 -0.63	48.16 0.45 -0.36	40.43 0.25 -0.09	37.60 0.10 0.00
BORALEX_4TH_BRANCH 23824	33.95 1.73 0.00	27.56 1.27 -4.84	32.91 0.59 -22.50	31.62 0.61 -20.61	28.34 1.59 0.00	28.95 1.61 0.00	30.44 1.64 0.00	30.85 1.66 0.00	30.38 1.44 0.00	30.23 1.14 0.00	16.82 0.59 0.00	22.86 0.90 0.00	31.53 1.40 0.00	30.54 1.23 0.00	33.09 1.33 0.00	36.83 1.71 0.00	37.12 1.57 0.00	57.80 1.93 -13.76	58.83 1.90 -15.88	57.27 1.78 -13.25	52.90 2.32 0.00	50.30 2.22 -0.75	42.10 2.01 0.00	39.47 1.97 0.00
BOWLINE___1 23526	33.76 1.53 0.00	26.34 1.10 -3.79	27.95 0.50 -17.62	27.04 0.50 -16.14	27.98 1.23 0.00	28.62 1.27 0.00	30.20 1.40 0.00	30.75 1.55 0.00	30.42 1.47 0.00	30.52 1.43 0.00	17.09 0.86 0.00	23.23 1.28 0.00	32.02 1.89 0.00	31.22 1.92 0.00	34.03 2.27 0.00	37.94 2.82 0.00	38.48 2.93 0.00	62.06 3.63 -16.31	63.34 3.46 -18.82	61.23 3.29 -15.70	53.48 2.90 0.00	49.65 2.31 0.00	42.38 2.29 0.00	39.42 1.92 0.00
BOWLINE___2 23595	33.76 1.53 0.00	26.34 1.10 -3.79	27.95 0.50 -17.62	27.04 0.50 -16.14	27.98 1.23 0.00	28.62 1.27 0.00	30.20 1.40 0.00	30.75 1.55 0.00	30.42 1.48 0.00	30.52 1.43 0.00	17.09 0.86 0.00	23.23 1.28 0.00	32.02 1.89 0.00	31.22 1.92 0.00	34.03 2.27 0.00	37.94 2.82 0.00	38.48 2.93 0.00	62.06 3.63 -16.31	63.34 3.46 -18.82	61.24 3.29 -15.70	53.48 2.90 0.00	49.65 2.31 0.00	42.38 2.29 0.00	39.42 1.92 0.00
BRADY___115KV_TB2 356060	32.10 -0.13 0.00	21.29 -0.15 0.00	9.75 -0.07 0.00	10.33 -0.07 0.00	26.63 -0.12 0.00	27.22 -0.13 0.00	28.70 -0.10 0.00	28.94 -0.26 0.00	28.67 -0.27 0.00	28.98 -0.12 0.00	16.09 -0.14 0.00	21.49 -0.46 0.00	29.80 -0.33 0.00	29.10 -0.20 0.00	31.46 -0.31 0.00	34.57 -0.56 0.00	34.81 -0.74 0.00	41.33 -0.78 0.00	40.14 -0.92 0.00	41.76 -0.48 0.00	50.67 0.09 0.00	47.61 0.27 0.00	40.11 0.02 0.00	37.53 0.03 0.00
BRANSCOMB___SOLAR 323811	34.04 1.81 0.00	27.66 1.27 -4.96	33.43 0.59 -23.01	32.10 0.62 -21.08	28.36 1.61 0.00	29.04 1.70 0.00	30.57 1.77 0.00	30.87 1.68 0.00	30.26 1.32 0.00	30.09 1.00 0.00	16.74 0.51 0.00	22.70 0.75 0.00	31.30 1.17 0.00	30.42 1.12 0.00	33.05 1.29 0.00	36.82 1.70 0.00	37.30 1.75 0.00	52.60 2.29 -8.20	52.92 2.40 -9.46	52.71 2.57 -7.90	53.55 2.98 0.00	50.69 2.77 -0.57	42.46 2.37 0.00	39.74 2.23 0.00
BRDGHMPT_69_KV_BK1 55812	36.21 2.86 -1.13	27.28 1.92 -3.92	28.89 0.87 -18.19	27.93 0.87 -16.66	29.04 2.28 0.00	29.83 2.48 0.00	31.42 2.62 0.00	31.87 2.67 0.00	31.24 2.30 0.00	31.42 2.34 0.01	17.07 1.47 0.63	24.20 2.08 -0.17	32.80 2.83 0.15	32.53 2.79 -0.44	35.49 3.12 -0.60	42.42 3.77 -3.53	41.37 3.99 -1.83	63.21 4.62 -16.48	64.42 4.35 -19.02	62.05 3.94 -15.87	54.09 3.52 0.00	50.04 2.69 0.00	43.11 3.02 0.00	39.76 2.26 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	36.01 2.63 -1.15	27.19 1.83 -3.92	28.88 0.86 -18.19	27.91 0.86 -16.66	28.84 2.09 0.00	29.57 2.22 0.00	31.21 2.41 0.00	31.72 2.53 0.00	31.23 2.28 0.00	31.36 2.28 0.01	16.96 1.36 0.63	24.10 1.98 -0.17	32.78 2.80 0.15	32.64 2.90 -0.44	35.75 3.38 -0.60	42.65 3.99 -3.53	41.52 4.14 -1.83	63.26 4.67 -16.48	64.35 4.28 -19.02	61.95 3.85 -15.87	54.05 3.48 0.00	50.14 2.79 0.00	43.35 3.27 0.00	40.22 2.72 0.00
BRISTLHL_115KV_TB1 79998	31.39 -0.84 0.00	21.21 -0.55 -0.31	11.03 -0.24 -1.45	11.46 -0.26 -1.32	26.07 -0.68 0.00	26.68 -0.67 0.00	28.07 -0.73 0.00	28.39 -0.80 0.00	28.11 -0.84 0.00	28.20 -0.90 0.00	15.73 -0.49 0.00	21.26 -0.69 0.00	29.06 -1.07 0.00	28.26 -1.04 0.00	30.64 -1.12 0.00	33.80 -1.33 0.00	34.24 -1.32 0.00	40.68 -1.43 0.00	40.76 -1.34 -1.03	43.97 -1.24 -2.98	54.21 -1.56 -5.19	48.76 -1.58 -3.00	39.52 -1.35 -0.78	36.33 -1.17 0.00
BROOKHAVEN___DRP 24191	35.90 2.55 -1.13	27.13 1.77 -3.92	28.84 0.83 -18.19	27.86 0.81 -16.66	28.76 2.01 0.00	29.50 2.16 0.00	31.15 2.35 0.00	31.62 2.42 0.00	31.03 2.08 0.00	31.15 2.07 0.01	16.83 1.23 0.63	23.91 1.79 -0.17	32.51 2.53 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.36 3.71 -3.53	41.26 3.88 -1.83	63.04 4.45 -16.48	64.23 4.16 -19.02	61.87 3.76 -15.87	53.93 3.35 0.00	49.98 2.63 0.00	43.12 3.03 0.00	39.88 2.38 0.00
BROOKLYN_NAVY_YARD 23515	33.94 1.71 0.00	26.66 1.30 -3.91	28.59 0.58 -18.18	27.64 0.59 -16.65	28.22 1.48 0.00	28.90 1.55 0.00	30.50 1.70 0.00	31.08 1.89 0.00	30.79 1.85 0.00	21.17 1.83 9.76	-115.95 1.04 133.22	10.28 1.53 13.20	41.06 2.24 -8.69	50.34 2.27 -18.78	55.03 2.65 -20.62	56.12 3.20 -17.80	56.49 3.30 -17.64	62.66 4.06 -16.49	63.81 3.74 -19.01	61.70 3.59 -15.87	53.65 3.08 0.00	49.83 2.48 0.00	42.67 2.58 0.00	39.60 2.10 0.00
BROOKLYN___ARMY_DRP 323595	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
BROOME_2_LFGE 323671	32.12 -0.10 0.00	22.70 -0.04 -1.28	15.81 0.02 -5.96	15.84 -0.01 -5.46	26.71 -0.05 0.00	27.31 -0.04 0.00	28.77 -0.03 0.00	29.11 -0.08 0.00	28.86 -0.08 0.00	28.89 -0.20 0.00	16.13 -0.10 0.00	21.83 -0.12 0.00	29.96 -0.17 0.00	29.20 -0.10 0.00	31.70 -0.06 0.00	35.03 -0.09 0.00	35.64 -0.04 -0.13	45.17 0.04 -3.03	44.63 0.18 -3.40	45.18 0.27 -2.67	51.90 0.02 -1.31	48.15 -0.17 -0.97	40.54 -0.07 -0.53	37.37 -0.13 0.00
BROOME___LFGE 323600	32.12 -0.10 0.00	22.70 -0.04 -1.28	15.81 0.02 -5.96	15.84 -0.01 -5.46	26.71 -0.05 0.00	27.31 -0.04 0.00	28.77 -0.03 0.00	29.11 -0.08 0.00	28.86 -0.08 0.00	28.89 -0.20 0.00	16.13 -0.10 0.00	21.83 -0.12 0.00	29.96 -0.17 0.00	29.20 -0.10 0.00	31.70 -0.06 0.00	35.03 -0.09 0.00	35.64 -0.04 -0.13	45.17 0.04 -3.03	44.63 0.18 -3.40	45.18 0.27 -2.67	51.90 0.02 -1.31	48.15 -0.17 -0.97	40.54 -0.07 -0.53	37.37 -0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	31.11 -1.12 0.00	20.73 -0.81 -0.10	9.92 -0.36 -0.45	10.49 -0.32 -0.41	26.10 -0.65 0.00	26.78 -0.56 0.00	28.24 -0.56 0.00	28.36 -0.83 0.00	28.12 -0.83 0.00	28.38 -0.71 0.00	15.71 -0.51 0.00	21.03 -0.92 0.00	28.96 -1.18 0.00	28.37 -0.93 0.00	30.73 -1.03 0.00	33.47 -1.65 0.00	33.67 -1.89 0.00	40.36 -1.76 0.00	39.57 -1.65 -0.17	41.68 -1.06 -0.49	50.65 -0.79 -0.86	46.67 -1.17 -0.50	39.06 -1.15 -0.13	36.34 -1.16 0.00
BROWNSV1_27_KV_LOAD 356125	34.22 1.99 0.00	26.83 1.47 -3.91	28.67 0.66 -18.18	27.72 0.67 -16.65	28.43 1.68 0.00	29.10 1.75 0.00	30.73 1.94 0.00	31.34 2.15 0.00	31.06 2.11 0.00	31.36 2.10 -0.17	31.66 1.22 -14.21	33.20 1.77 -9.48	41.38 2.56 -8.69	50.66 2.58 -18.78	55.37 3.00 -20.62	56.51 3.59 -17.80	56.88 3.69 -17.64	63.15 4.55 -16.49	64.29 4.22 -19.01	62.18 4.07 -15.87	54.23 3.65 0.00	50.34 2.99 0.00	43.07 2.98 0.00	39.98 2.48 0.00
BURROWS___LYONSDAL 23803	31.81 -0.42 0.00	21.24 -0.33 -0.13	10.28 -0.13 -0.59	10.85 -0.08 -0.54	26.72 -0.03 0.00	27.44 0.09 0.00	28.91 0.11 0.00	29.00 -0.19 0.00	28.69 -0.25 0.00	28.84 -0.25 0.00	16.00 -0.23 0.00	21.54 -0.41 0.00	29.53 -0.60 0.00	28.89 -0.41 0.00	31.37 -0.39 0.00	34.36 -0.76 0.00	34.77 -0.79 0.00	41.81 -0.31 0.00	41.16 -0.05 -0.15	43.18 0.50 -0.44	52.09 0.75 -0.76	47.77 -0.02 -0.44	40.04 -0.16 -0.11	37.19 -0.31 0.00
CAITHNESS_CC_1 323624	35.82 2.47 -1.13	27.09 1.72 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.71 1.95 0.00	29.44 2.09 0.00	31.08 2.28 0.00	31.55 2.36 0.00	30.97 2.03 0.00	31.10 2.02 0.01	16.80 1.20 0.63	23.87 1.75 -0.17	32.47 2.49 0.15	32.32 2.58 -0.44	35.40 3.03 -0.60	42.30 3.64 -3.53	41.19 3.81 -1.83	62.91 4.32 -16.48	64.11 4.04 -19.02	61.74 3.64 -15.87	53.78 3.21 0.00	49.85 2.51 0.00	43.03 2.95 0.00	39.83 2.33 0.00
CALPINE BETH_PAGE_GT4 24209	35.95 2.33 -1.39	26.98 1.62 -3.92	28.77 0.75 -18.19	27.80 0.75 -16.66	28.56 1.80 0.00	29.25 1.90 0.00	30.86 2.07 0.00	31.41 2.21 0.00	30.97 2.03 0.00	31.13 2.04 0.01	16.86 1.26 0.63	24.01 1.89 -0.17	32.66 2.68 0.15	32.46 2.72 -0.44	35.53 3.16 -0.60	42.39 3.74 -3.53	41.08 3.70 -1.83	62.80 4.21 -16.48	64.01 3.94 -19.02	61.68 3.58 -15.87	53.69 3.11 0.00	49.83 2.49 0.00	43.07 2.98 0.00	40.09 2.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.94 2.32 -1.39	26.99 1.63 -3.92	28.77 0.75 -18.19	27.80 0.75 -16.66	28.56 1.80 0.00	29.25 1.90 0.00	30.86 2.07 0.00	31.41 2.21 0.00	30.97 2.02 0.00	31.13 2.04 0.01	16.86 1.26 0.63	24.01 1.89 -0.17	32.67 2.69 0.15	32.46 2.72 -0.44	35.53 3.16 -0.60	42.39 3.74 -3.53	41.08 3.71 -1.83	62.80 4.21 -16.48	64.00 3.92 -19.02	61.68 3.58 -15.87	53.68 3.11 0.00	49.83 2.49 0.00	43.07 2.98 0.00	40.09 2.59 0.00
CALPINE_BP_GT1 23823	35.94 2.32 -1.39	26.99 1.63 -3.92	28.77 0.75 -18.19	27.80 0.75 -16.66	28.56 1.80 0.00	29.25 1.90 0.00	30.86 2.07 0.00	31.41 2.21 0.00	30.97 2.02 0.00	31.13 2.04 0.01	16.86 1.26 0.63	24.01 1.89 -0.17	32.67 2.69 0.15	32.46 2.72 -0.44	35.53 3.16 -0.60	42.39 3.74 -3.53	41.08 3.71 -1.83	62.80 4.21 -16.48	64.00 3.92 -19.02	61.68 3.58 -15.87	53.68 3.11 0.00	49.83 2.49 0.00	43.07 2.98 0.00	40.09 2.59 0.00
CALSPAN___DRP 24200	30.54 -1.68 0.00	20.92 -1.14 -0.61	12.22 -0.46 -2.85	12.51 -0.49 -2.61	25.46 -1.30 0.00	25.97 -1.38 0.00	27.35 -1.45 0.00	27.97 -1.22 0.00	27.97 -0.98 0.00	28.16 -0.93 0.00	15.77 -0.46 0.00	21.26 -0.69 0.00	29.02 -1.11 0.00	28.41 -0.89 0.00	30.81 -0.95 0.00	33.47 -1.65 0.00	32.59 -1.95 1.02	22.26 -2.51 17.34	21.63 -2.65 16.78	30.70 -2.41 9.13	46.66 -3.04 0.87	42.29 -2.86 2.20	34.76 -2.66 2.66	35.36 -2.14 0.00

CALVERTON___SOLAR 323806	35.98 2.63 -1.13	27.17 1.81 -3.92	28.86 0.84 -18.19	27.89 0.83 -16.66	28.83 2.08 0.00	29.58 2.23 0.00	31.22 2.42 0.00	31.68 2.49 0.00	31.08 2.14 0.00	31.20 2.12 0.01	16.86 1.26 0.63	23.96 1.83 -0.17	32.57 2.60 0.15	32.41 2.67 -0.44	35.49 3.13 -0.60	42.42 3.77 -3.53	41.33 3.95 -1.83	63.13 4.54 -16.48	64.33 4.26 -19.02	61.98 3.87 -15.87	54.05 3.48 0.00	50.08 2.74 0.00	43.20 3.11 0.00	39.93 2.43 0.00
CANDIGU_WT_PWR 323617	31.62 -0.61 0.00	21.74 -0.51 -0.80	13.34 -0.21 -3.72	13.50 -0.30 -3.41	25.96 -0.80 0.00	26.58 -0.76 0.00	28.05 -0.75 0.00	28.18 -1.02 0.00	28.08 -0.86 0.00	28.26 -0.83 0.00	15.79 -0.44 0.00	21.30 -0.65 0.00	29.14 -0.99 0.00	28.51 -0.79 0.00	30.89 -0.88 0.00	33.92 -1.20 0.00	29.81 -1.34 4.40	-33.99 -1.37 74.73	-33.61 -1.11 73.56	2.08 -0.65 39.51	46.53 -0.95 3.10	36.96 -1.24 9.14	27.27 -1.18 11.63	36.50 -1.01 0.00
CARR STREET_E_SYR 24060	31.81 -0.42 0.00	21.53 -0.27 -0.36	11.37 -0.11 -1.66	11.79 -0.12 -1.52	26.42 -0.33 0.00	27.03 -0.31 0.00	28.45 -0.35 0.00	28.78 -0.41 0.00	28.51 -0.43 0.00	28.61 -0.49 0.00	15.98 -0.25 0.00	21.60 -0.35 0.00	29.55 -0.58 0.00	28.75 -0.55 0.00	31.18 -0.58 0.00	34.44 -0.68 0.00	34.91 -0.64 0.00	41.46 -0.65 0.00	40.78 -0.59 -0.32	42.67 -0.49 -0.92	51.44 -0.73 -1.60	47.45 -0.81 -0.92	39.59 -0.74 -0.24	36.86 -0.64 0.00
CARTHAGE___PAPER 23857	31.02 -1.21 0.00	20.73 -0.89 -0.18	10.27 -0.38 -0.83	10.86 -0.30 -0.76	26.25 -0.50 0.00	27.00 -0.34 0.00	28.44 -0.36 0.00	28.32 -0.87 0.00	28.06 -0.88 0.00	28.28 -0.81 0.00	15.65 -0.58 0.00	20.94 -1.01 0.00	28.68 -1.46 0.00	28.18 -1.12 0.00	30.59 -1.17 0.00	33.22 -1.90 0.00	33.48 -2.07 0.00	40.65 -1.46 0.00	40.16 -1.26 -0.37	42.97 -0.33 -1.06	52.55 0.13 -1.84	47.57 -0.84 -1.06	39.41 -0.96 -0.28	36.44 -1.07 0.00
CASSADAGA_WT_PWR 323784	30.92 -1.31 0.00	21.20 -0.89 -0.65	12.51 -0.32 -3.00	12.79 -0.36 -2.75	25.81 -0.94 0.00	26.40 -0.95 0.00	27.91 -0.89 0.00	28.49 -0.71 0.00	28.47 -0.48 0.00	28.58 -0.52 0.00	16.00 -0.23 0.00	21.61 -0.34 0.00	29.57 -0.56 0.00	28.94 -0.36 0.00	31.33 -0.43 0.00	34.09 -1.03 0.00	33.34 -1.26 0.95	24.28 -1.57 16.26	23.77 -1.54 15.75	32.42 -1.25 8.57	47.99 -1.77 0.82	43.40 -1.89 2.06	35.82 -1.76 2.50	36.08 -1.42 0.00
CE_DUNWOOD___DRP 24194	33.93 1.70 0.00	26.59 1.24 -3.91	28.53 0.56 -18.14	27.58 0.57 -16.62	28.15 1.39 0.00	28.80 1.45 0.00	30.39 1.59 0.00	30.95 1.75 0.00	30.62 1.68 0.00	30.73 1.63 0.00	17.48 0.96 -0.29	23.56 1.42 -0.19	32.39 2.08 -0.18	31.80 2.11 -0.38	34.66 2.48 -0.42	38.50 3.02 -0.36	39.02 3.11 -0.36	62.42 3.84 -16.47	63.69 3.63 -19.00	61.56 3.47 -15.86	53.68 3.10 0.00	49.84 2.50 0.00	42.58 2.49 0.00	39.61 2.11 0.00
CE_MILLWOOD___DRP 24193	33.87 1.64 0.00	26.53 1.19 -3.89	28.44 0.54 -18.07	27.50 0.54 -16.55	28.09 1.34 0.00	28.74 1.39 0.00	30.33 1.53 0.00	30.88 1.68 0.00	30.55 1.61 0.00	30.65 1.56 0.00	17.15 0.92 0.00	23.31 1.35 0.00	32.14 2.01 0.00	31.33 2.03 0.00	34.15 2.38 0.00	38.05 2.93 0.00	38.57 3.02 0.00	62.29 3.73 -16.45	63.58 3.55 -18.98	61.44 3.37 -15.84	53.59 3.02 0.00	49.76 2.42 0.00	42.50 2.41 0.00	39.54 2.04 0.00
CE_NYC2_DRP 24202	34.02 1.80 0.00	26.75 1.39 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.33 1.57 0.00	29.00 1.65 0.00	30.61 1.81 0.00	31.22 2.02 0.00	30.93 1.98 0.00	31.24 1.96 -0.18	32.87 1.13 -15.51	33.94 1.64 -10.35	42.00 2.37 -9.49	52.19 2.38 -20.50	57.00 2.73 -22.51	57.84 3.29 -19.43	58.19 3.38 -19.26	62.85 4.24 -16.49	63.98 3.91 -19.01	61.86 3.75 -15.87	53.79 3.21 0.00	49.98 2.64 0.00	42.82 2.73 0.00	39.73 2.23 0.00
CE_NYC_DRP 24195	34.04 1.81 0.00	26.71 1.35 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.30 1.54 0.00	28.97 1.63 0.00	30.59 1.79 0.00	31.18 1.98 0.00	30.89 1.95 0.00	31.19 1.94 -0.16	31.26 1.12 -13.92	32.87 1.63 -9.28	41.02 2.37 -8.52	50.08 2.39 -18.39	54.75 2.80 -20.19	55.91 3.36 -17.43	56.28 3.46 -17.27	62.87 4.26 -16.49	64.01 3.94 -19.01	61.89 3.78 -15.87	53.89 3.31 0.00	50.02 2.67 0.00	42.80 2.71 0.00	39.74 2.24 0.00
CHAFFEE___LFGE 323603	30.68 -1.54 0.00	21.01 -1.06 -0.63	12.35 -0.42 -2.94	12.63 -0.46 -2.70	25.54 -1.21 0.00	26.06 -1.28 0.00	27.46 -1.33 0.00	28.09 -1.10 0.00	28.08 -0.86 0.00	28.26 -0.84 0.00	15.82 -0.41 0.00	21.34 -0.62 0.00	29.13 -1.00 0.00	28.54 -0.76 0.00	30.95 -0.81 0.00	33.66 -1.46 0.00	32.87 -1.72 0.96	23.56 -2.17 16.38	22.92 -2.28 15.85	31.53 -2.08 8.63	47.04 -2.71 0.82	42.74 -2.53 2.08	35.17 -2.41 2.52	35.55 -1.95 0.00
CHATEAUG_35_KV_LOAD 355732	31.51 -0.71 0.00	20.92 -0.52 0.00	9.59 -0.23 0.00	10.17 -0.23 0.00	26.18 -0.57 0.00	26.77 -0.57 0.00	28.28 -0.52 0.00	28.83 -0.37 0.00	28.62 -0.32 0.00	28.91 -0.19 0.00	16.02 -0.21 0.00	21.56 -0.39 0.00	29.60 -0.53 0.00	28.77 -0.53 0.00	31.18 -0.58 0.00	34.53 -0.59 0.00	34.94 -0.61 0.00	41.20 -0.91 0.00	40.23 -0.83 0.00	41.56 -0.67 0.00	50.18 -0.40 0.00	47.01 -0.34 0.00	39.48 -0.60 0.00	36.90 -0.60 0.00
CHATEAUG_WT_PWR 323614	31.57 -0.65 0.00	20.96 -0.48 0.00	9.61 -0.22 0.00	10.18 -0.21 0.00	26.22 -0.53 0.00	26.80 -0.55 0.00	28.31 -0.49 0.00	28.86 -0.34 0.00	28.65 -0.30 0.00	28.92 -0.18 0.00	16.04 -0.19 0.00	21.58 -0.37 0.00	29.63 -0.50 0.00	28.80 -0.50 0.00	31.21 -0.55 0.00	34.55 -0.57 0.00	34.96 -0.60 0.00	41.25 -0.86 0.00	40.26 -0.80 0.00	41.57 -0.66 0.00	50.18 -0.40 0.00	47.01 -0.33 0.00	39.52 -0.57 0.00	36.94 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	31.51 -0.71 0.00	20.92 -0.52 0.00	9.59 -0.23 0.00	10.17 -0.23 0.00	26.18 -0.57 0.00	26.77 -0.57 0.00	28.28 -0.52 0.00	28.83 -0.37 0.00	28.62 -0.32 0.00	28.91 -0.19 0.00	16.02 -0.21 0.00	21.56 -0.39 0.00	29.60 -0.53 0.00	28.77 -0.53 0.00	31.18 -0.58 0.00	34.53 -0.59 0.00	34.94 -0.61 0.00	41.20 -0.91 0.00	40.23 -0.83 0.00	41.56 -0.67 0.00	50.18 -0.40 0.00	47.01 -0.34 0.00	39.48 -0.60 0.00	36.90 -0.60 0.00
CHAUTAUQUA___LFGE 323629	30.74 -1.49 0.00	21.08 -0.99 -0.63	12.42 -0.35 -2.94	12.68 -0.41 -2.70	25.68 -1.08 0.00	26.23 -1.11 0.00	27.71 -1.09 0.00	28.25 -0.94 0.00	28.22 -0.72 0.00	28.32 -0.77 0.00	15.86 -0.36 0.00	21.43 -0.52 0.00	29.33 -0.80 0.00	28.72 -0.58 0.00	31.11 -0.65 0.00	33.90 -1.22 0.00	33.11 -1.45 0.99	23.26 -1.89 16.96	22.75 -1.89 16.42	31.65 -1.65 8.93	47.52 -2.21 0.85	42.98 -2.22 2.15	35.44 -2.04 2.61	35.84 -1.66 0.00
CHERRYST_13_KV_LD 356241	34.11 1.88 0.00	26.76 1.40 -3.91	28.64 0.63 -18.18	27.69 0.64 -16.65	28.36 1.61 0.00	29.04 1.69 0.00	30.67 1.88 0.00	31.28 2.08 0.00	30.99 2.05 0.00	31.30 2.04 -0.16	31.33 1.18 -13.92	32.96 1.72 -9.28	41.14 2.50 -8.52	50.20 2.51 -18.39	54.88 2.92 -20.19	56.06 3.51 -17.43	56.43 3.60 -17.27	63.03 4.43 -16.49	64.16 4.09 -19.01	62.02 3.91 -15.87	54.04 3.46 0.00	50.15 2.80 0.00	42.92 2.83 0.00	39.84 2.34 0.00

CHESTROR_138KV_BK263 355645	33.60 1.38 0.00	26.07 0.99 -3.63	27.13 0.45 -16.85	26.28 0.45 -15.44	27.85 1.10 0.00	28.49 1.14 0.00	30.05 1.26 0.00	30.58 1.38 0.00	30.23 1.29 0.00	30.32 1.22 0.00	16.96 0.73 0.00	23.05 1.09 0.00	31.75 1.62 0.00	30.95 1.65 0.00	33.71 1.96 0.00	37.57 2.44 0.00	38.11 2.56 0.00	61.33 3.21 -16.01	62.63 3.09 -18.48	60.63 2.97 -15.42	53.23 2.65 0.00	49.44 2.10 0.00	42.15 2.06 0.00	39.24 1.74 0.00
CH_MIDHUDSON___DRP 24192	33.92 1.69 0.00	26.63 1.22 -3.97	28.81 0.55 -18.43	27.84 0.56 -16.89	28.12 1.37 0.00	28.78 1.43 0.00	30.37 1.57 0.00	30.91 1.71 0.00	30.56 1.62 0.00	30.61 1.52 0.00	17.11 0.88 0.00	23.26 1.31 0.00	32.07 1.93 0.00	31.26 1.96 0.00	34.06 2.30 0.00	37.93 2.81 0.00	38.47 2.92 0.00	62.15 3.65 -16.39	63.48 3.51 -18.92	61.39 3.37 -15.78	53.68 3.10 0.00	49.86 2.52 0.00	42.52 2.43 0.00	39.59 2.09 0.00
CH_MISC_IPPS 23765	34.07 1.85 0.00	26.64 1.30 -3.89	28.49 0.59 -18.07	27.55 0.60 -16.56	28.22 1.47 0.00	28.88 1.54 0.00	30.49 1.69 0.00	31.03 1.84 0.00	30.67 1.73 0.00	30.74 1.65 0.00	17.20 0.97 0.00	23.38 1.42 0.00	32.23 2.10 0.00	31.44 2.14 0.00	34.28 2.52 0.00	38.21 3.08 0.00	38.77 3.22 0.00	62.31 4.04 -16.16	63.60 3.89 -18.65	61.57 3.77 -15.56	54.12 3.54 0.00	50.23 2.89 0.00	42.81 2.72 0.00	39.81 2.31 0.00
CH_RES_BVR_FALLS 23983	31.95 -0.27 0.00	21.25 -0.19 0.00	9.74 -0.09 0.00	10.31 -0.08 0.00	26.55 -0.20 0.00	27.14 -0.21 0.00	28.61 -0.19 0.00	29.04 -0.16 0.00	28.82 -0.13 0.00	29.00 -0.09 0.00	16.15 -0.08 0.00	21.81 -0.14 0.00	29.95 -0.18 0.00	29.14 -0.16 0.00	31.58 -0.19 0.00	34.88 -0.24 0.00	35.30 -0.25 0.00	41.79 -0.33 0.00	40.76 -0.30 0.00	41.98 -0.26 0.00	50.36 -0.21 0.00	47.11 -0.23 0.00	39.85 -0.24 0.00	37.27 -0.23 0.00
CH_RES_NIAGARA 23895	29.54 -2.69 0.00	20.22 -1.79 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.82 0.00	15.29 -0.94 0.00	20.62 -1.34 0.00	28.05 -2.09 0.00	27.42 -1.88 0.00	29.74 -2.02 0.00	32.20 -2.92 0.00	31.41 -3.34 0.80	24.34 -4.09 13.68	23.60 -4.28 13.18	30.92 -4.15 7.17	44.59 -5.31 0.69	40.75 -4.86 1.73	33.74 -4.25 2.10	34.06 -3.44 0.00
CH_RES_SYRACUSE 23985	32.00 -0.22 0.00	21.70 -0.15 -0.40	11.64 -0.06 -1.86	12.03 -0.06 -1.71	26.56 -0.20 0.00	27.19 -0.16 0.00	28.62 -0.18 0.00	28.91 -0.29 0.00	28.59 -0.35 0.00	28.67 -0.43 0.00	16.00 -0.23 0.00	21.64 -0.31 0.00	29.60 -0.53 0.00	28.80 -0.50 0.00	31.25 -0.52 0.00	34.53 -0.60 0.00	34.99 -0.56 0.00	41.62 -0.49 0.00	41.24 -0.40 -0.58	43.68 -0.25 -1.69	53.08 -0.44 -2.94	48.52 -0.52 -1.70	40.03 -0.50 -0.44	37.08 -0.42 0.00
CLINTON_WT_PWR 323605	31.57 -0.65 0.00	20.96 -0.48 0.00	9.61 -0.22 0.00	10.18 -0.21 0.00	26.22 -0.53 0.00	26.80 -0.55 0.00	28.31 -0.49 0.00	28.86 -0.34 0.00	28.65 -0.30 0.00	28.92 -0.18 0.00	16.04 -0.19 0.00	21.58 -0.37 0.00	29.63 -0.50 0.00	28.80 -0.50 0.00	31.21 -0.55 0.00	34.55 -0.57 0.00	34.96 -0.60 0.00	41.25 -0.86 0.00	40.26 -0.80 0.00	41.57 -0.66 0.00	50.18 -0.40 0.00	47.01 -0.33 0.00	39.52 -0.57 0.00	36.94 -0.56 0.00
CLINTON___LFGE 323618	32.05 -0.17 0.00	21.28 -0.17 0.00	9.75 -0.08 0.00	10.31 -0.08 0.00	26.56 -0.20 0.00	27.19 -0.16 0.00	28.72 -0.07 0.00	29.13 -0.07 0.00	28.77 -0.17 0.00	29.02 -0.07 0.00	16.10 -0.13 0.00	21.74 -0.21 0.00	29.80 -0.33 0.00	28.93 -0.37 0.00	31.36 -0.40 0.00	34.81 -0.32 0.00	35.19 -0.36 0.00	41.60 -0.52 0.00	40.83 -0.22 0.00	42.24 0.01 0.00	51.12 0.54 0.00	47.88 0.53 0.00	40.28 0.20 0.00	37.63 0.13 0.00
COBBLENY_34_KV_TB1 80064	30.67 -1.55 0.00	21.02 -1.06 -0.63	12.35 -0.42 -2.94	12.63 -0.46 -2.70	25.54 -1.21 0.00	26.06 -1.28 0.00	27.46 -1.34 0.00	28.09 -1.10 0.00	28.08 -0.86 0.00	28.26 -0.83 0.00	15.82 -0.41 0.00	21.33 -0.62 0.00	29.13 -1.01 0.00	28.52 -0.79 0.00	30.94 -0.82 0.00	33.64 -1.48 0.00	32.86 -1.73 0.96	23.50 -2.24 16.38	22.85 -2.36 15.85	31.51 -2.10 8.63	47.05 -2.70 0.82	42.72 -2.55 2.08	35.17 -2.40 2.52	35.55 -1.95 0.00
COFFEEN___115KV_TB3 355620	31.14 -1.09 0.00	20.82 -0.83 -0.20	10.43 -0.35 -0.95	11.01 -0.26 -0.87	26.34 -0.41 0.00	27.10 -0.25 0.00	28.52 -0.28 0.00	28.28 -0.91 0.00	27.99 -0.95 0.00	28.17 -0.93 0.00	15.61 -0.62 0.00	20.86 -1.09 0.00	28.54 -1.59 0.00	28.05 -1.25 0.00	30.46 -1.30 0.00	33.08 -2.04 0.00	33.37 -2.19 0.00	40.79 -1.32 0.00	40.24 -1.27 -0.45	43.37 -0.16 -1.29	53.21 0.38 -2.26	47.98 -0.67 -1.30	39.58 -0.84 -0.34	36.56 -0.95 0.00
COLDSPRG_115KV_BK1 355956	31.22 -1.00 0.00	21.43 -0.68 -0.66	12.68 -0.24 -3.09	12.94 -0.28 -2.83	26.04 -0.71 0.00	26.61 -0.73 0.00	28.18 -0.62 0.00	28.75 -0.44 0.00	28.73 -0.21 0.00	28.84 -0.25 0.00	16.13 -0.09 0.00	21.80 -0.16 0.00	29.88 -0.25 0.00	29.22 -0.08 0.00	31.63 -0.13 0.00	34.45 -0.67 0.00	33.85 -0.82 0.89	25.95 -1.01 15.16	25.36 -1.02 14.69	33.54 -0.71 7.99	48.54 -1.28 0.76	44.01 -1.41 1.92	36.45 -1.31 2.33	36.43 -1.07 0.00
COLONIE_LFGE___ 323577	33.65 1.42 0.00	27.40 1.05 -4.90	33.07 0.48 -22.75	31.74 0.51 -20.84	28.05 1.30 0.00	28.68 1.33 0.00	30.17 1.37 0.00	30.56 1.36 0.00	30.06 1.12 0.00	29.97 0.88 0.00	16.70 0.47 0.00	22.65 0.70 0.00	31.20 1.07 0.00	30.29 0.99 0.00	32.86 1.10 0.00	36.53 1.41 0.00	36.96 1.40 0.00	54.00 1.78 -10.11	54.49 1.77 -11.66	53.72 1.75 -9.73	52.60 2.02 0.00	49.97 1.85 -0.77	41.76 1.67 0.00	39.08 1.58 0.00
COOPERNY_115KV_TB1 80082	33.18 0.96 0.00	25.10 0.70 -2.96	23.87 0.32 -13.73	23.29 0.32 -12.58	27.53 0.78 0.00	28.16 0.81 0.00	29.68 0.88 0.00	30.25 1.05 0.00	29.85 0.91 0.00	29.96 0.87 0.00	16.78 0.55 0.00	22.77 0.82 0.00	31.33 1.20 0.00	30.52 1.22 0.00	33.11 1.35 0.00	36.80 1.68 0.00	37.33 1.78 0.00	47.86 2.24 -3.51	47.25 2.14 -4.05	47.70 2.08 -3.38	52.38 1.81 0.00	48.75 1.41 0.00	41.50 1.41 0.00	38.70 1.20 0.00
COPENHAGEN_WT_PWR 323753	30.63 -1.60 0.00	20.50 -1.15 -0.21	10.32 -0.49 -0.98	10.91 -0.38 -0.90	26.04 -0.72 0.00	26.79 -0.56 0.00	28.20 -0.60 0.00	28.03 -1.17 0.00	27.89 -1.05 0.00	28.09 -1.00 0.00	15.55 -0.68 0.00	20.76 -1.19 0.00	28.36 -1.77 0.00	27.94 -1.36 0.00	30.33 -1.43 0.00	32.82 -2.30 0.00	33.03 -2.52 0.00	40.30 -1.81 0.00	39.90 -1.63 -0.47	42.97 -0.62 -1.36	52.59 -0.36 -2.37	47.21 -1.50 -1.37	38.90 -1.55 -0.36	35.93 -1.58 0.00
CORNELL_____ 23752	32.59 0.36 0.00	22.56 0.23 -0.88	14.06 0.12 -4.11	14.26 0.11 -3.76	27.00 0.25 0.00	27.65 0.30 0.00	29.16 0.36 0.00	29.48 0.29 0.00	29.01 0.07 0.00	28.94 -0.15 0.00	16.13 -0.10 0.00	21.75 -0.20 0.00	29.79 -0.34 0.00	29.01 -0.29 0.00	31.49 -0.27 0.00	34.78 -0.34 0.00	35.75 -0.24 -0.44	50.21 0.02 -8.08	49.91 0.41 -8.45	48.58 0.78 -5.56	53.53 0.90 -2.05	49.96 0.69 -1.92	42.04 0.52 -1.43	37.91 0.41 0.00

CORONA V_69_KV_TB1 355595	36.77 2.22 -2.32	26.91 1.55 -3.92	28.73 0.71 -18.19	27.77 0.71 -16.66	28.49 1.74 0.00	29.18 1.83 0.00	30.80 2.00 0.00	31.33 2.13 0.00	30.92 1.98 0.00	31.08 2.00 0.01	16.86 1.26 0.63	23.96 1.84 -0.17	32.62 2.65 0.15	32.42 2.67 -0.44	35.45 3.08 -0.60	42.30 3.64 -3.53	41.13 3.75 -1.83	62.96 4.37 -16.48	64.18 4.11 -19.02	61.95 3.84 -15.87	54.07 3.49 0.00	50.19 2.84 0.00	43.09 3.01 0.00	40.04 2.54 0.00
CORTLAND_115KV_TB3 80093	32.37 0.14 0.00	22.26 0.10 -0.72	13.22 0.07 -3.32	13.49 0.05 -3.04	26.88 0.12 0.00	27.50 0.16 0.00	28.97 0.17 0.00	29.27 0.08 0.00	28.90 -0.05 0.00	28.90 -0.19 0.00	16.13 -0.10 0.00	21.80 -0.16 0.00	29.86 -0.27 0.00	29.07 -0.22 0.00	31.56 -0.20 0.00	34.88 -0.24 0.00	35.54 -0.16 -0.15	44.71 0.01 -2.59	44.18 0.21 -2.91	45.04 0.43 -2.37	52.83 0.43 -1.82	48.90 0.25 -1.30	40.94 0.19 -0.66	37.63 0.13 0.00
COXSACKIE___GT 23611	34.41 2.18 0.00	27.51 1.49 -4.57	31.75 0.67 -21.25	30.56 0.70 -19.46	28.60 1.84 0.00	29.25 1.91 0.00	30.85 2.06 0.00	31.18 1.99 0.00	30.39 1.44 0.00	30.20 1.11 0.00	16.83 0.60 0.00	22.83 0.87 0.00	31.45 1.32 0.00	30.58 1.27 0.00	33.15 1.38 0.00	36.89 1.77 0.00	37.42 1.87 0.00	53.16 2.47 -8.57	53.75 2.79 -9.89	53.45 2.96 -8.26	53.99 3.42 0.00	49.54 3.08 0.88	42.66 2.58 0.00	39.71 2.21 0.00
CPV_VALLEY___CC1 323721	33.35 1.12 0.00	25.66 0.83 -3.38	25.92 0.37 -15.72	25.17 0.38 -14.40	27.66 0.90 0.00	28.29 0.94 0.00	29.83 1.03 0.00	30.35 1.15 0.00	30.01 1.07 0.00	30.11 1.02 0.00	16.86 0.63 0.00	22.89 0.94 0.00	31.51 1.38 0.00	30.71 1.41 0.00	33.43 1.67 0.00	37.21 2.09 0.00	37.74 2.19 0.00	48.15 2.72 -3.32	47.50 2.61 -3.83	47.92 2.48 -3.20	52.71 2.13 0.00	48.99 1.65 0.00	41.77 1.68 0.00	38.92 1.42 0.00
CPV_VALLEY___CC2 323722	33.35 1.12 0.00	25.66 0.83 -3.38	25.92 0.37 -15.72	25.17 0.38 -14.40	27.66 0.90 0.00	28.29 0.94 0.00	29.83 1.03 0.00	30.35 1.15 0.00	30.01 1.07 0.00	30.11 1.02 0.00	16.86 0.63 0.00	22.89 0.94 0.00	31.51 1.38 0.00	30.71 1.41 0.00	33.43 1.67 0.00	37.21 2.09 0.00	37.74 2.19 0.00	48.15 2.72 -3.32	47.50 2.61 -3.83	47.92 2.48 -3.20	52.71 2.13 0.00	48.99 1.65 0.00	41.77 1.68 0.00	38.92 1.42 0.00
CRESCENT___HYD 24018	33.65 1.42 0.00	27.40 1.05 -4.90	33.07 0.48 -22.75	31.74 0.51 -20.84	28.05 1.30 0.00	28.68 1.33 0.00	30.17 1.37 0.00	30.56 1.36 0.00	30.06 1.12 0.00	29.97 0.88 0.00	16.70 0.47 0.00	22.65 0.70 0.00	31.20 1.07 0.00	30.29 0.99 0.00	32.86 1.10 0.00	36.53 1.41 0.00	36.96 1.40 0.00	54.00 1.78 -10.11	54.49 1.77 -11.66	53.72 1.75 -9.73	52.60 2.02 0.00	49.97 1.85 -0.77	41.76 1.67 0.00	39.08 1.58 0.00
CRICKET___VALLEY_CC1 323756	33.64 1.41 0.00	26.58 1.03 -4.10	29.35 0.47 -19.05	28.31 0.46 -17.45	27.90 1.14 0.00	28.56 1.21 0.00	30.14 1.34 0.00	30.67 1.48 0.00	30.34 1.39 0.00	30.34 1.25 0.00	16.96 0.73 0.00	23.06 1.11 0.00	31.80 1.67 0.00	30.97 1.67 0.00	33.73 1.97 0.00	37.50 2.38 0.00	38.01 2.46 0.00	61.98 3.11 -16.75	63.37 2.98 -19.33	61.17 2.79 -16.13	53.01 2.43 0.00	49.25 1.91 0.00	42.07 1.98 0.00	39.26 1.76 0.00
CRICKET___VALLEY_CC2 323757	33.64 1.41 0.00	26.58 1.03 -4.10	29.35 0.47 -19.05	28.31 0.46 -17.45	27.90 1.14 0.00	28.56 1.21 0.00	30.14 1.34 0.00	30.67 1.48 0.00	30.34 1.39 0.00	30.34 1.25 0.00	16.96 0.73 0.00	23.06 1.11 0.00	31.80 1.67 0.00	30.97 1.67 0.00	33.73 1.97 0.00	37.50 2.38 0.00	38.01 2.46 0.00	61.98 3.11 -16.75	63.37 2.98 -19.33	61.17 2.79 -16.13	53.01 2.43 0.00	49.25 1.91 0.00	42.07 1.98 0.00	39.26 1.76 0.00
CRICKET___VALLEY_CC3 323758	33.64 1.41 0.00	26.58 1.03 -4.10	29.35 0.47 -19.05	28.31 0.46 -17.45	27.90 1.14 0.00	28.56 1.21 0.00	30.14 1.34 0.00	30.67 1.48 0.00	30.34 1.39 0.00	30.34 1.25 0.00	16.96 0.73 0.00	23.06 1.11 0.00	31.80 1.67 0.00	30.97 1.67 0.00	33.73 1.97 0.00	37.50 2.38 0.00	38.01 2.46 0.00	61.98 3.11 -16.75	63.37 2.98 -19.33	61.17 2.79 -16.13	53.01 2.43 0.00	49.25 1.91 0.00	42.07 1.98 0.00	39.26 1.76 0.00
CRUCIBLE_METL_DRP 24180	32.00 -0.22 0.00	21.70 -0.15 -0.40	11.64 -0.06 -1.86	12.03 -0.07 -1.71	26.56 -0.20 0.00	27.19 -0.16 0.00	28.61 -0.18 0.00	28.90 -0.29 0.00	28.59 -0.35 0.00	28.67 -0.43 0.00	16.00 -0.23 0.00	21.64 -0.31 0.00	29.60 -0.53 0.00	28.80 -0.50 0.00	31.25 -0.52 0.00	34.52 -0.60 0.00	34.99 -0.56 0.00	41.62 -0.49 0.00	41.23 -0.41 -0.58	43.68 -0.25 -1.69	53.09 -0.43 -2.94	48.52 -0.52 -1.70	40.04 -0.49 -0.44	37.08 -0.42 0.00
DAHOWA___HYDRO 323763	34.20 1.97 0.00	27.77 1.36 -4.96	33.52 0.64 -23.05	32.18 0.67 -21.12	28.49 1.74 0.00	29.20 1.86 0.00	30.76 1.96 0.00	31.05 1.85 0.00	30.40 1.46 0.00	30.20 1.11 0.00	16.80 0.56 0.00	22.78 0.83 0.00	31.42 1.29 0.00	30.53 1.23 0.00	33.18 1.41 0.00	37.00 1.88 0.00	37.49 1.94 0.00	52.55 2.57 -7.87	52.82 2.68 -9.08	52.71 2.90 -7.58	53.93 3.35 0.00	51.02 3.14 -0.54	42.74 2.65 0.00	40.00 2.50 0.00
DANC___LFGE 323619	31.05 -1.18 0.00	20.86 -0.84 -0.25	10.64 -0.35 -1.16	11.17 -0.30 -1.07	26.15 -0.60 0.00	26.85 -0.50 0.00	28.25 -0.55 0.00	28.26 -0.93 0.00	28.03 -0.91 0.00	28.17 -0.92 0.00	15.66 -0.58 0.00	21.01 -0.94 0.00	28.70 -1.43 0.00	28.11 -1.19 0.00	30.49 -1.27 0.00	33.25 -1.87 0.00	33.55 -2.00 0.00	40.51 -1.60 0.00	40.18 -1.47 -0.59	43.14 -0.79 -1.70	52.85 -0.69 -2.97	47.66 -1.40 -1.71	39.19 -1.34 -0.45	36.20 -1.30 0.00
DANSKAMMER___1 23586	34.07 1.85 0.00	26.64 1.30 -3.89	28.49 0.59 -18.07	27.55 0.60 -16.56	28.22 1.47 0.00	28.88 1.54 0.00	30.49 1.69 0.00	31.03 1.84 0.00	30.67 1.73 0.00	30.74 1.65 0.00	17.20 0.97 0.00	23.38 1.42 0.00	32.23 2.10 0.00	31.44 2.14 0.00	34.28 2.52 0.00	38.21 3.08 0.00	38.77 3.22 0.00	62.31 4.04 -16.16	63.60 3.89 -18.65	61.57 3.77 -15.56	54.12 3.54 0.00	50.23 2.89 0.00	42.81 2.72 0.00	39.81 2.31 0.00
DANSKAMMER___2 23589	34.07 1.85 0.00	26.64 1.30 -3.89	28.49 0.59 -18.07	27.55 0.60 -16.56	28.22 1.47 0.00	28.88 1.54 0.00	30.49 1.69 0.00	31.03 1.84 0.00	30.67 1.73 0.00	30.74 1.65 0.00	17.20 0.97 0.00	23.38 1.42 0.00	32.23 2.10 0.00	31.44 2.14 0.00	34.28 2.52 0.00	38.21 3.08 0.00	38.77 3.22 0.00	62.31 4.04 -16.16	63.60 3.89 -18.65	61.57 3.77 -15.56	54.12 3.54 0.00	50.23 2.89 0.00	42.81 2.72 0.00	39.81 2.31 0.00
DANSKAMMER___3 23590	34.07 1.85 0.00	26.64 1.30 -3.89	28.49 0.59 -18.07	27.55 0.60 -16.56	28.22 1.47 0.00	28.88 1.54 0.00	30.49 1.69 0.00	31.03 1.84 0.00	30.67 1.73 0.00	30.74 1.65 0.00	17.20 0.97 0.00	23.38 1.42 0.00	32.23 2.10 0.00	31.44 2.14 0.00	34.28 2.52 0.00	38.21 3.08 0.00	38.77 3.22 0.00	62.31 4.04 -16.16	63.60 3.89 -18.65	61.57 3.77 -15.56	54.12 3.54 0.00	50.23 2.89 0.00	42.81 2.72 0.00	39.81 2.31 0.00

DANSKAMMER___4 23591	34.07 1.85 0.00	26.64 1.30 -3.89	28.49 0.59 -18.07	27.55 0.60 -16.56	28.22 1.47 0.00	28.88 1.54 0.00	30.49 1.69 0.00	31.03 1.84 0.00	30.67 1.73 0.00	30.74 1.65 0.00	17.20 0.97 0.00	23.38 1.42 0.00	32.23 2.10 0.00	31.44 2.14 0.00	34.28 2.52 0.00	38.21 3.08 0.00	38.77 3.22 0.00	62.31 4.04 -16.16	63.60 3.89 -18.65	61.57 3.77 -15.56	54.12 3.54 0.00	50.23 2.89 0.00	42.81 2.72 0.00	39.81 2.31 0.00
DANSKAMMER___DIESEL 23592	34.07 1.85 0.00	26.64 1.30 -3.89	28.49 0.59 -18.07	27.55 0.60 -16.56	28.23 1.47 0.00	28.88 1.54 0.00	30.49 1.69 0.00	31.04 1.84 0.00	30.67 1.73 0.00	30.74 1.65 0.00	17.20 0.97 0.00	23.38 1.42 0.00	32.23 2.10 0.00	31.44 2.13 0.00	34.28 2.52 0.00	38.21 3.09 0.00	38.77 3.22 0.00	62.32 4.05 -16.16	63.61 3.90 -18.65	61.57 3.77 -15.56	54.12 3.54 0.00	50.25 2.90 0.00	42.81 2.72 0.00	39.82 2.32 0.00
DARBY___SOLAR 323810	34.05 1.82 0.00	27.67 1.27 -4.96	33.44 0.60 -23.01	32.10 0.63 -21.08	28.38 1.62 0.00	29.06 1.72 0.00	30.60 1.80 0.00	30.90 1.70 0.00	30.30 1.35 0.00	30.12 1.03 0.00	16.75 0.52 0.00	22.71 0.76 0.00	31.32 1.20 0.00	30.44 1.14 0.00	33.06 1.30 0.00	36.85 1.73 0.00	37.33 1.78 0.00	52.66 2.36 -8.18	52.95 2.45 -9.45	52.73 2.60 -7.88	53.58 3.01 0.00	50.70 2.79 -0.57	42.49 2.40 0.00	39.76 2.26 0.00
DASHVILLE___HYD 23610	33.84 1.61 0.00	26.54 1.14 -3.96	28.74 0.50 -18.41	27.77 0.51 -16.87	28.02 1.27 0.00	28.68 1.33 0.00	30.28 1.48 0.00	30.87 1.68 0.00	30.53 1.59 0.00	30.61 1.52 0.00	17.13 0.90 0.00	23.29 1.33 0.00	32.09 1.96 0.00	31.31 2.00 0.00	34.12 2.36 0.00	38.06 2.94 0.00	38.63 3.08 0.00	59.60 3.90 -13.58	60.52 3.78 -15.68	58.95 3.63 -13.08	53.86 3.29 0.00	49.79 2.65 0.20	42.61 2.52 0.00	39.61 2.11 0.00
DELAWARE___LFGE 323621	32.97 0.74 0.00	23.76 0.60 -1.71	18.04 0.27 -7.94	17.96 0.28 -7.28	27.43 0.67 0.00	28.03 0.69 0.00	29.47 0.67 0.00	29.83 0.63 0.00	29.56 0.62 0.00	29.60 0.51 0.00	16.53 0.30 0.00	22.38 0.43 0.00	30.72 0.59 0.00	29.90 0.60 0.00	32.53 0.76 0.00	36.04 0.91 0.00	36.57 1.02 0.00	44.93 1.30 -1.52	44.25 1.32 -1.88	45.42 1.39 -1.80	52.46 1.30 -0.58	48.74 1.06 -0.34	41.20 1.02 -0.09	38.36 0.86 0.00
DERFIELD_115KV_TB7 355931	32.39 0.16 0.00	21.57 0.13 0.00	9.89 0.06 0.00	10.45 0.06 0.00	26.91 0.16 0.00	27.51 0.16 0.00	28.95 0.15 0.00	29.33 0.14 0.00	29.03 0.09 0.00	29.12 0.03 0.00	16.25 0.02 0.00	22.00 0.04 0.00	30.19 0.06 0.00	29.33 0.03 0.00	31.83 0.06 0.00	35.23 0.11 0.00	35.66 0.11 0.00	42.29 0.18 0.00	41.27 0.21 0.00	42.45 0.21 0.00	50.74 0.16 0.00	47.45 0.11 0.00	40.25 0.16 0.00	37.65 0.15 0.00
DOGLEVILLE___HYD 23807	34.21 1.98 0.00	22.96 1.51 0.00	10.52 0.69 0.00	11.08 0.69 0.00	28.46 1.71 0.00	29.07 1.73 0.00	30.42 1.62 0.00	30.29 1.09 0.00	29.32 0.37 0.00	28.92 -0.17 0.00	16.13 -0.10 0.00	21.88 -0.08 0.00	30.13 0.00 0.00	29.06 -0.23 0.00	31.62 -0.15 0.00	35.28 0.16 0.00	35.75 0.20 0.00	42.69 0.58 0.00	42.20 1.14 0.00	43.80 1.56 0.00	52.44 1.86 0.00	49.07 1.73 0.00	41.75 1.66 0.00	38.90 1.40 0.00
DUNKIRK__115KV_TB_200 55889	30.71 -1.52 0.00	21.07 -1.01 -0.63	12.40 -0.36 -2.94	12.67 -0.42 -2.69	25.65 -1.11 0.00	26.19 -1.16 0.00	27.66 -1.14 0.00	28.20 -0.99 0.00	28.18 -0.76 0.00	28.28 -0.81 0.00	15.85 -0.38 0.00	21.40 -0.55 0.00	29.29 -0.84 0.00	28.67 -0.63 0.00	31.07 -0.70 0.00	33.86 -1.26 0.00	33.07 -1.48 1.00	23.13 -1.95 17.03	22.61 -1.97 16.48	31.55 -1.71 8.97	47.45 -2.27 0.85	42.89 -2.29 2.16	35.38 -2.09 2.62	35.78 -1.72 0.00
DUNKIRK___1 23563	30.71 -1.52 0.00	21.07 -1.01 -0.63	12.40 -0.36 -2.94	12.67 -0.42 -2.69	25.65 -1.11 0.00	26.19 -1.16 0.00	27.66 -1.14 0.00	28.20 -0.99 0.00	28.18 -0.76 0.00	28.28 -0.81 0.00	15.85 -0.38 0.00	21.40 -0.55 0.00	29.29 -0.84 0.00	28.67 -0.63 0.00	31.07 -0.70 0.00	33.86 -1.26 0.00	33.07 -1.48 1.00	23.13 -1.95 17.03	22.61 -1.97 16.48	31.55 -1.71 8.97	47.45 -2.27 0.85	42.89 -2.29 2.16	35.38 -2.09 2.62	35.78 -1.72 0.00
DUNKIRK___2 23564	30.71 -1.52 0.00	21.07 -1.01 -0.63	12.40 -0.36 -2.94	12.67 -0.42 -2.69	25.65 -1.11 0.00	26.19 -1.16 0.00	27.66 -1.14 0.00	28.20 -0.99 0.00	28.18 -0.76 0.00	28.28 -0.81 0.00	15.85 -0.38 0.00	21.40 -0.55 0.00	29.29 -0.84 0.00	28.67 -0.63 0.00	31.07 -0.70 0.00	33.86 -1.26 0.00	33.07 -1.48 1.00	23.13 -1.95 17.03	22.61 -1.97 16.48	31.55 -1.71 8.97	47.45 -2.27 0.85	42.89 -2.29 2.16	35.38 -2.09 2.62	35.78 -1.72 0.00
DUNKIRK___3 23565	30.60 -1.63 0.00	20.99 -1.09 -0.63	12.35 -0.41 -2.93	12.61 -0.46 -2.68	25.54 -1.21 0.00	26.07 -1.28 0.00	27.51 -1.29 0.00	28.07 -1.12 0.00	28.05 -0.89 0.00	28.18 -0.91 0.00	15.78 -0.45 0.00	21.32 -0.64 0.00	29.16 -0.97 0.00	28.55 -0.75 0.00	30.93 -0.83 0.00	33.69 -1.43 0.00	32.87 -1.67 1.02	22.61 -2.15 17.36	22.08 -2.18 16.80	31.14 -1.96 9.14	47.10 -2.61 0.87	42.57 -2.58 2.20	35.10 -2.32 2.67	35.59 -1.91 0.00
DUNKIRK___4 23566	30.60 -1.63 0.00	20.99 -1.09 -0.63	12.35 -0.41 -2.93	12.61 -0.46 -2.68	25.54 -1.21 0.00	26.07 -1.28 0.00	27.51 -1.29 0.00	28.07 -1.12 0.00	28.05 -0.89 0.00	28.18 -0.91 0.00	15.78 -0.45 0.00	21.32 -0.64 0.00	29.16 -0.97 0.00	28.55 -0.75 0.00	30.93 -0.83 0.00	33.69 -1.43 0.00	32.87 -1.67 1.02	22.61 -2.15 17.36	22.08 -2.18 16.80	31.14 -1.96 9.14	47.10 -2.61 0.87	42.57 -2.58 2.20	35.10 -2.32 2.67	35.59 -1.91 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.98 1.75 0.00	26.64 1.28 -3.91	28.59 0.58 -18.18	27.64 0.59 -16.65	28.20 1.44 0.00	28.85 1.51 0.00	30.44 1.65 0.00	31.01 1.81 0.00	30.69 1.74 0.00	30.79 1.70 0.00	17.23 1.00 0.00	23.43 1.48 0.00	32.29 2.16 0.00	31.48 2.18 0.00	34.32 2.56 0.00	38.24 3.11 0.00	38.75 3.20 0.00	62.53 3.94 -16.48	63.80 3.72 -19.01	61.66 3.55 -15.87	53.76 3.19 0.00	49.91 2.57 0.00	42.67 2.59 0.00	39.69 2.19 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.83 1.60 0.00	26.35 1.14 -3.77	27.84 0.51 -17.50	26.94 0.52 -16.03	28.02 1.27 0.00	28.67 1.33 0.00	30.26 1.46 0.00	30.79 1.60 0.00	30.44 1.50 0.00	30.51 1.42 0.00	17.07 0.84 0.00	23.19 1.24 0.00	31.97 1.84 0.00	31.18 1.88 0.00	33.98 2.22 0.00	37.88 2.76 0.00	38.44 2.89 0.00	61.59 3.64 -15.84	62.85 3.52 -18.28	60.89 3.40 -15.25	53.69 3.11 0.00	49.85 2.51 0.00	42.49 2.40 0.00	39.53 2.03 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.23 2.00 0.00	26.85 1.49 -3.91	28.69 0.68 -18.18	27.74 0.69 -16.65	28.48 1.73 0.00	29.17 1.82 0.00	30.73 1.93 0.00	31.41 2.22 0.00	31.11 2.17 0.00	31.36 2.09 -0.18	32.44 1.13 -15.09	33.65 1.63 -10.06	41.74 2.38 -9.23	51.64 2.41 -19.94	56.43 2.77 -21.89	57.38 3.36 -18.90	57.80 3.52 -18.73	62.96 4.35 -16.49	63.98 3.91 -19.01	61.88 3.78 -15.87	53.86 3.29 0.00	50.08 2.74 0.00	42.84 2.75 0.00	39.76 2.26 0.00

E179THST_13_KV_LOAD 356214	34.39 2.16 0.00	26.95 1.59 -3.91	28.73 0.72 -18.18	27.78 0.73 -16.65	28.58 1.83 0.00	29.27 1.93 0.00	30.85 2.05 0.00	31.55 2.36 0.00	31.25 2.31 0.00	31.50 2.23 -0.18	32.53 1.21 -15.09	33.76 1.75 -10.06	41.91 2.55 -9.23	51.81 2.57 -19.94	56.60 2.95 -21.89	57.59 3.57 -18.90	58.01 3.73 -18.73	63.21 4.61 -16.49	64.22 4.14 -19.01	62.13 4.02 -15.87	54.14 3.57 0.00	50.34 3.00 0.00	43.05 2.96 0.00	39.95 2.45 0.00
EAST HAMPTON___GT 23717	36.12 2.77 -1.13	27.19 1.83 -3.92	28.83 0.81 -18.19	27.88 0.82 -16.66	29.00 2.25 0.00	29.81 2.46 0.00	31.34 2.54 0.00	31.77 2.57 0.00	31.11 2.17 0.00	31.32 2.24 0.01	17.07 1.47 0.63	24.18 2.06 -0.17	32.70 2.72 0.15	32.33 2.59 -0.44	35.16 2.79 -0.60	42.03 3.37 -3.53	40.99 3.62 -1.83	62.76 4.17 -16.48	63.98 3.91 -19.02	61.61 3.50 -15.87	53.55 2.98 0.00	49.52 2.17 0.00	42.66 2.57 0.00	39.29 1.80 0.00
EAST RIVER___6 23660	34.01 1.79 0.00	26.70 1.34 -3.91	28.62 0.60 -18.18	27.67 0.62 -16.65	28.30 1.54 0.00	28.97 1.63 0.00	30.61 1.81 0.00	31.20 2.00 0.00	30.90 1.96 0.00	31.20 1.94 -0.16	31.28 1.13 -13.92	32.88 1.65 -9.28	41.05 2.41 -8.52	50.12 2.43 -18.39	54.79 2.83 -20.19	55.95 3.40 -17.43	56.33 3.51 -17.27	62.89 4.29 -16.49	64.04 3.97 -19.01	61.90 3.79 -15.87	53.91 3.34 0.00	50.04 2.70 0.00	42.82 2.74 0.00	39.74 2.24 0.00
EAST RIVER___7 23524	34.01 1.79 0.00	26.70 1.34 -3.91	28.62 0.60 -18.18	27.67 0.62 -16.65	28.30 1.54 0.00	28.97 1.63 0.00	30.61 1.81 0.00	31.20 2.00 0.00	30.90 1.96 0.00	31.20 1.94 -0.16	31.28 1.13 -13.92	32.88 1.65 -9.28	41.05 2.41 -8.52	50.12 2.43 -18.39	54.79 2.83 -20.19	55.95 3.40 -17.43	56.33 3.51 -17.27	62.89 4.29 -16.49	64.04 3.97 -19.01	61.90 3.79 -15.87	53.91 3.34 0.00	50.04 2.70 0.00	42.82 2.74 0.00	39.74 2.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.93 1.70 0.00	26.59 1.24 -3.91	28.53 0.56 -18.14	27.58 0.57 -16.62	28.15 1.39 0.00	28.80 1.45 0.00	30.39 1.59 0.00	30.95 1.75 0.00	30.62 1.68 0.00	30.73 1.63 0.00	17.48 0.96 -0.29	23.56 1.42 -0.19	32.39 2.08 -0.18	31.80 2.11 -0.38	34.66 2.48 -0.42	38.50 3.02 -0.36	39.02 3.11 -0.36	62.42 3.84 -16.47	63.69 3.63 -19.00	61.56 3.47 -15.86	53.68 3.10 0.00	49.84 2.50 0.00	42.58 2.49 0.00	39.61 2.11 0.00
EAST_HAMPTON___DIESEL 23722	36.09 2.74 -1.13	27.17 1.81 -3.92	28.82 0.81 -18.19	27.87 0.81 -16.66	28.98 2.23 0.00	29.79 2.45 0.00	31.31 2.51 0.00	31.74 2.55 0.00	31.08 2.14 0.00	31.29 2.21 0.01	17.06 1.46 0.63	24.17 2.04 -0.17	32.67 2.69 0.15	32.29 2.55 -0.44	35.10 2.73 -0.60	41.96 3.31 -3.53	40.93 3.55 -1.83	62.68 4.09 -16.48	63.91 3.83 -19.02	61.53 3.42 -15.87	53.46 2.88 0.00	49.44 2.09 0.00	42.58 2.49 0.00	39.22 1.72 0.00
EAST_POINT___SOLAR 323840	33.91 1.68 0.00	27.91 1.07 -5.39	35.36 0.48 -25.05	33.84 0.49 -22.95	28.08 1.33 0.00	28.79 1.45 0.00	29.82 1.02 0.00	29.47 0.28 0.00	28.95 0.01 0.00	28.98 -0.11 0.00	16.16 -0.07 0.00	21.77 -0.18 0.00	29.86 -0.27 0.00	29.05 -0.25 0.00	31.55 -0.21 0.00	34.86 -0.27 0.00	35.48 -0.07 0.00	47.20 0.07 -5.01	47.41 0.57 -5.78	49.01 1.95 -4.83	53.39 2.81 0.00	50.52 2.91 -0.27	42.50 2.41 0.00	39.59 2.09 0.00
EAST_PULASKI___ESR 323781	31.42 -0.80 0.00	21.19 -0.55 -0.29	10.93 -0.23 -1.33	11.39 -0.23 -1.22	26.23 -0.52 0.00	26.87 -0.48 0.00	28.26 -0.54 0.00	28.46 -0.73 0.00	28.16 -0.78 0.00	28.28 -0.82 0.00	15.76 -0.47 0.00	21.24 -0.71 0.00	29.01 -1.12 0.00	28.27 -1.04 0.00	30.64 -1.12 0.00	33.62 -1.50 0.00	33.98 -1.57 0.00	40.65 -1.46 0.00	40.56 -1.37 -0.87	43.74 -1.01 -2.51	53.86 -1.09 -4.37	48.52 -1.35 -2.52	39.58 -1.16 -0.66	36.47 -1.03 0.00
EAST_RIVER___1 323558	34.03 1.81 0.00	26.71 1.35 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.30 1.54 0.00	28.97 1.62 0.00	30.59 1.79 0.00	31.18 1.98 0.00	30.89 1.95 0.00	31.19 1.93 -0.16	31.26 1.12 -13.92	32.87 1.63 -9.28	41.02 2.38 -8.52	50.09 2.40 -18.39	54.75 2.80 -20.19	55.91 3.36 -17.43	56.28 3.45 -17.27	62.85 4.25 -16.49	64.00 3.93 -19.01	61.89 3.78 -15.87	53.89 3.31 0.00	50.02 2.68 0.00	42.81 2.72 0.00	39.74 2.23 0.00
EAST_RIVER___2 323559	34.01 1.79 0.00	26.70 1.34 -3.91	28.62 0.60 -18.18	27.67 0.62 -16.65	28.30 1.54 0.00	28.97 1.63 0.00	30.61 1.81 0.00	31.20 2.00 0.00	30.90 1.96 0.00	31.20 1.94 -0.16	31.28 1.13 -13.92	32.88 1.65 -9.28	41.05 2.41 -8.52	50.12 2.43 -18.39	54.79 2.83 -20.19	55.95 3.40 -17.43	56.33 3.51 -17.27	62.89 4.29 -16.49	64.04 3.97 -19.01	61.90 3.79 -15.87	53.91 3.34 0.00	50.04 2.70 0.00	42.82 2.74 0.00	39.74 2.24 0.00
EAST___DELAWARE_HYD 23607	33.18 0.95 0.00	25.67 0.69 -3.54	26.58 0.30 -16.45	25.77 0.30 -15.07	27.47 0.71 0.00	28.12 0.77 0.00	29.68 0.89 0.00	30.26 1.06 0.00	29.85 0.90 0.00	29.87 0.78 0.00	16.70 0.47 0.00	22.67 0.72 0.00	31.23 1.10 0.00	30.46 1.16 0.00	33.18 1.42 0.00	37.01 1.89 0.00	37.65 2.10 0.00	55.71 2.75 -10.85	56.36 2.78 -12.52	55.40 2.72 -10.44	52.92 2.34 0.00	49.07 1.78 0.05	41.79 1.71 0.00	38.84 1.34 0.00
EIGHT_POINT___WT_PWR 323820	31.89 -0.34 0.00	21.82 -0.42 -0.80	13.37 -0.18 -3.72	13.49 -0.31 -3.40	25.90 -0.86 0.00	26.47 -0.87 0.00	28.06 -0.73 0.00	28.15 -1.05 0.00	28.06 -0.89 0.00	28.38 -0.71 0.00	15.86 -0.37 0.00	21.36 -0.60 0.00	29.17 -0.96 0.00	28.58 -0.72 0.00	30.96 -0.81 0.00	33.93 -1.19 0.00	38.00 -1.30 -3.76	105.59 -1.20 -64.67	104.43 -0.97 -64.34	77.48 -0.30 -35.54	54.08 -0.58 -4.08	55.00 -0.97 -8.63	49.17 -1.09 -10.17	36.59 -0.91 0.00
ELBRIDGE_115KV_TB2 80188	31.88 -0.35 0.00	21.64 -0.23 -0.43	11.71 -0.10 -1.98	12.10 -0.11 -1.82	26.44 -0.31 0.00	27.08 -0.27 0.00	28.50 -0.30 0.00	28.77 -0.42 0.00	28.47 -0.47 0.00	28.51 -0.58 0.00	15.92 -0.31 0.00	21.53 -0.42 0.00	29.48 -0.65 0.00	28.68 -0.62 0.00	31.13 -0.64 0.00	34.37 -0.75 0.00	34.79 -0.76 0.00	41.36 -0.75 0.00	41.05 -0.63 -0.62	43.57 -0.47 -1.80	53.00 -0.71 -3.14	48.42 -0.74 -1.81	39.90 -0.66 -0.47	36.92 -0.58 0.00
ELEC_TRO_TEK 24086	36.27 2.09 -1.96	26.82 1.46 -3.92	28.69 0.68 -18.19	27.72 0.67 -16.66	28.38 1.63 0.00	29.08 1.73 0.00	30.68 1.88 0.00	31.21 2.02 0.00	30.80 1.86 0.00	30.96 1.88 0.01	16.80 1.19 0.63	23.87 1.75 -0.17	32.50 2.52 0.15	32.29 2.54 -0.44	35.30 2.93 -0.60	42.13 3.47 -3.53	40.96 3.58 -1.83	62.72 4.14 -16.48	63.94 3.86 -19.02	61.68 3.58 -15.87	53.75 3.18 0.00	49.89 2.55 0.00	42.88 2.79 0.00	39.84 2.34 0.00
ELLENBURG_WT_PWR 323604	31.57 -0.65 0.00	20.96 -0.48 0.00	9.61 -0.22 0.00	10.18 -0.21 0.00	26.22 -0.53 0.00	26.80 -0.55 0.00	28.31 -0.49 0.00	28.86 -0.34 0.00	28.65 -0.30 0.00	28.92 -0.18 0.00	16.04 -0.19 0.00	21.58 -0.37 0.00	29.63 -0.50 0.00	28.80 -0.50 0.00	31.21 -0.55 0.00	34.55 -0.57 0.00	34.96 -0.60 0.00	41.25 -0.86 0.00	40.26 -0.80 0.00	41.57 -0.66 0.00	50.18 -0.40 0.00	47.01 -0.33 0.00	39.52 -0.57 0.00	36.94 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.58 -1.65 0.00	20.94 -1.12 -0.61	12.22 -0.44 -2.83	12.50 -0.48 -2.59	25.49 -1.26 0.00	26.00 -1.34 0.00	27.39 -1.41 0.00	28.01 -1.18 0.00	28.00 -0.94 0.00	28.20 -0.89 0.00	15.80 -0.43 0.00	21.30 -0.65 0.00	29.08 -1.05 0.00	28.47 -0.83 0.00	30.87 -0.89 0.00	33.34 -1.78 0.00	32.42 -2.08 1.05	21.74 -2.74 17.63	21.32 -2.95 16.78	30.39 -2.72 9.13	46.28 -3.42 0.88	41.94 -3.19 2.21	34.48 -2.93 2.67	35.14 -2.37 0.00
EMPIRE_CC_1 323656	33.51 1.28 0.00	27.07 0.97 -4.64	31.86 0.45 -21.58	30.63 0.47 -19.77	27.97 1.21 0.00	28.56 1.21 0.00	30.02 1.22 0.00	30.43 1.24 0.00	29.96 1.02 0.00	29.90 0.81 0.00	16.67 0.44 0.00	22.60 0.65 0.00	31.13 1.00 0.00	30.19 0.89 0.00	32.72 0.96 0.00	36.32 1.20 0.00	36.73 1.17 0.00	70.16 1.36 -26.69	73.28 1.42 -30.81	69.28 1.34 -25.71	52.10 1.52 0.00	49.54 1.37 -0.83	41.42 1.33 0.00	38.76 1.25 0.00
EMPIRE_CC_2 323658	33.51 1.28 0.00	27.07 0.97 -4.64	31.86 0.45 -21.58	30.63 0.47 -19.77	27.97 1.21 0.00	28.56 1.21 0.00	30.02 1.22 0.00	30.43 1.24 0.00	29.96 1.02 0.00	29.90 0.81 0.00	16.67 0.44 0.00	22.60 0.65 0.00	31.13 1.00 0.00	30.19 0.89 0.00	32.72 0.96 0.00	36.32 1.20 0.00	36.73 1.17 0.00	70.16 1.36 -26.69	73.28 1.42 -30.81	69.28 1.34 -25.71	52.10 1.52 0.00	49.54 1.37 -0.83	41.42 1.33 0.00	38.76 1.25 0.00
ENORWICH_115KV_TB1 80156	34.06 1.83 0.00	23.84 1.17 -1.23	16.11 0.58 -5.70	16.19 0.58 -5.22	28.20 1.45 0.00	28.90 1.56 0.00	30.47 1.67 0.00	30.54 1.35 0.00	29.79 0.84 0.00	29.66 0.57 0.00	16.53 0.30 0.00	22.31 0.36 0.00	30.53 0.40 0.00	29.67 0.37 0.00	32.15 0.39 0.00	35.34 0.22 0.00	36.37 0.60 -0.22	48.03 1.30 -4.62	48.47 2.43 -4.99	49.07 3.24 -3.60	56.06 4.05 -1.44	52.19 3.65 -1.20	43.71 2.85 -0.77	39.89 2.39 0.00
ERIE_ST__34_KV_TB1-2 80199	30.72 -1.51 0.00	21.02 -1.04 -0.62	12.29 -0.42 -2.88	12.58 -0.46 -2.64	25.57 -1.18 0.00	26.08 -1.26 0.00	27.49 -1.31 0.00	28.14 -1.06 0.00	28.15 -0.79 0.00	28.34 -0.76 0.00	15.88 -0.35 0.00	21.41 -0.54 0.00	29.25 -0.88 0.00	28.62 -0.68 0.00	31.04 -0.72 0.00	33.76 -1.36 0.00	33.00 -1.62 0.94	24.05 -2.01 16.06	23.40 -2.12 15.53	31.89 -1.90 8.45	47.16 -2.61 0.81	42.82 -2.49 2.03	35.28 -2.34 2.47	35.60 -1.90 0.00
ERIE_WT_PWR 323693	30.57 -1.66 0.00	20.92 -1.14 -0.61	12.23 -0.45 -2.85	12.51 -0.49 -2.61	25.45 -1.30 0.00	25.98 -1.37 0.00	27.36 -1.43 0.00	27.98 -1.22 0.00	27.97 -0.97 0.00	28.15 -0.94 0.00	15.78 -0.45 0.00	21.27 -0.68 0.00	29.01 -1.12 0.00	28.44 -0.86 0.00	30.83 -0.93 0.00	33.49 -1.63 0.00	32.61 -1.92 1.02	22.34 -2.43 17.34	21.70 -2.58 16.78	30.72 -2.39 9.13	46.65 -3.06 0.87	42.33 -2.82 2.20	34.78 -2.64 2.66	35.38 -2.12 0.00
ESPRGFLD_115KV_TB1 80157	33.03 0.81 0.00	21.96 0.52 0.00	10.06 0.23 0.00	10.63 0.24 0.00	27.36 0.61 0.00	28.01 0.66 0.00	29.44 0.65 0.00	29.68 0.49 0.00	29.39 0.45 0.00	29.51 0.42 0.00	16.50 0.27 0.00	22.27 0.32 0.00	30.48 0.35 0.00	29.67 0.37 0.00	32.21 0.44 0.00	35.50 0.38 0.00	36.11 0.56 0.00	46.72 0.76 -3.85	46.47 0.98 -4.44	47.39 1.45 -3.70	52.25 1.67 0.00	49.02 1.49 -0.19	41.32 1.23 0.00	38.55 1.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.55 0.32 0.00	22.53 0.20 -0.88	14.03 0.11 -4.09	14.24 0.10 -3.75	26.97 0.22 0.00	27.62 0.27 0.00	29.13 0.33 0.00	29.46 0.27 0.00	29.00 0.05 0.00	28.94 -0.15 0.00	16.13 -0.10 0.00	21.75 -0.20 0.00	29.79 -0.34 0.00	29.00 -0.30 0.00	31.49 -0.27 0.00	34.78 -0.34 0.00	35.67 -0.24 -0.37	48.94 0.00 -6.83	48.64 0.36 -7.22	47.85 0.70 -4.91	53.38 0.77 -2.03	49.73 0.60 -1.79	41.77 0.44 -1.24	37.84 0.34 0.00
ETNA____115KV_TB2 80207	32.55 0.32 0.00	22.53 0.20 -0.88	14.03 0.11 -4.09	14.24 0.10 -3.75	26.97 0.22 0.00	27.62 0.27 0.00	29.13 0.33 0.00	29.46 0.27 0.00	29.00 0.05 0.00	28.94 -0.15 0.00	16.13 -0.10 0.00	21.75 -0.20 0.00	29.79 -0.34 0.00	29.00 -0.30 0.00	31.49 -0.27 0.00	34.78 -0.34 0.00	35.67 -0.24 -0.37	48.94 0.00 -6.83	48.64 0.36 -7.22	47.85 0.70 -4.91	53.38 0.77 -2.03	49.73 0.60 -1.79	41.77 0.44 -1.24	37.84 0.34 0.00
EUCLID__115KV_TB2 356179	31.67 -0.55 0.00	21.41 -0.36 -0.33	11.22 -0.15 -1.54	11.64 -0.17 -1.41	26.31 -0.44 0.00	26.90 -0.44 0.00	28.31 -0.48 0.00	28.66 -0.54 0.00	28.39 -0.56 0.00	28.49 -0.60 0.00	15.91 -0.32 0.00	21.51 -0.45 0.00	29.41 -0.72 0.00	28.60 -0.70 0.00	31.03 -0.73 0.00	34.25 -0.87 0.00	34.71 -0.85 0.00	41.21 -0.91 0.00	40.46 -0.87 -0.27	42.25 -0.77 -0.78	50.91 -1.03 -1.36	47.05 -1.08 -0.79	39.34 -0.95 -0.20	36.68 -0.82 0.00
E_CANADA_CAP_HY 24051	33.31 1.09 0.00	27.74 0.68 -5.62	36.23 0.30 -26.10	34.61 0.31 -23.91	27.59 0.83 0.00	28.25 0.90 0.00	29.61 0.81 0.00	29.68 0.49 0.00	29.29 0.34 0.00	29.39 0.29 0.00	16.41 0.19 0.00	22.15 0.19 0.00	30.31 0.18 0.00	29.49 0.19 0.00	31.97 0.21 0.00	35.23 0.11 0.00	35.83 0.28 0.00	47.19 0.37 -4.71	47.10 0.62 -5.43	48.15 1.38 -4.53	52.35 1.78 0.00	49.33 1.73 -0.25	41.58 1.49 0.00	38.83 1.33 0.00
E_CANADA_MHWK_HY 24050	34.21 1.98 0.00	22.96 1.51 0.00	10.52 0.69 0.00	11.08 0.69 0.00	28.46 1.71 0.00	29.07 1.73 0.00	30.42 1.62 0.00	30.29 1.10 0.00	29.32 0.37 0.00	28.92 -0.17 0.00	16.13 -0.10 0.00	21.88 -0.08 0.00	30.13 0.00 0.00	29.06 -0.24 0.00	31.62 -0.14 0.00	35.29 0.16 0.00	35.76 0.20 0.00	42.69 0.58 0.00	42.20 1.14 0.00	43.80 1.56 0.00	52.44 1.86 0.00	49.08 1.73 0.00	41.75 1.66 0.00	38.90 1.40 0.00
E_FISHKILL__LBMP 23776	33.76 1.53 0.00	26.56 1.12 -3.99	28.87 0.51 -18.54	27.89 0.51 -16.98	28.01 1.26 0.00	28.66 1.32 0.00	30.24 1.44 0.00	30.77 1.57 0.00	30.43 1.49 0.00	30.50 1.41 0.00	17.06 0.83 0.00	23.19 1.23 0.00	31.95 1.82 0.00	31.13 1.83 0.00	33.91 2.15 0.00	37.75 2.63 0.00	38.26 2.71 0.00	62.06 3.37 -16.58	63.39 3.20 -19.13	61.24 3.04 -15.96	53.28 2.70 0.00	49.51 2.16 0.00	42.27 2.18 0.00	39.37 1.87 0.00
FALCON__SEABRD_CC1 323796	31.86 -0.37 0.00	21.17 -0.28 0.00	9.69 -0.13 0.00	10.26 -0.13 0.00	26.46 -0.29 0.00	27.06 -0.28 0.00	28.57 -0.23 0.00	29.17 -0.02 0.00	28.91 -0.03 0.00	29.17 0.08 0.00	16.21 -0.01 0.00	21.84 -0.11 0.00	29.99 -0.14 0.00	29.10 -0.20 0.00	31.53 -0.23 0.00	34.94 -0.18 0.00	35.33 -0.22 0.00	41.75 -0.36 0.00	40.74 -0.32 0.00	42.01 -0.23 0.00	50.65 0.08 0.00	47.43 0.09 0.00	39.93 -0.16 0.00	37.33 -0.18 0.00
FALCON__SEABRD_CC2 323797	31.86 -0.37 0.00	21.17 -0.28 0.00	9.69 -0.13 0.00	10.26 -0.13 0.00	26.46 -0.29 0.00	27.06 -0.28 0.00	28.57 -0.23 0.00	29.17 -0.02 0.00	28.91 -0.03 0.00	29.17 0.08 0.00	16.21 -0.01 0.00	21.84 -0.11 0.00	29.99 -0.14 0.00	29.10 -0.20 0.00	31.53 -0.23 0.00	34.94 -0.18 0.00	35.33 -0.22 0.00	41.75 -0.36 0.00	40.74 -0.32 0.00	42.01 -0.23 0.00	50.65 0.08 0.00	47.43 0.09 0.00	39.93 -0.16 0.00	37.33 -0.18 0.00

FAR ROCKAWAY___4 23548	36.72 2.47 -2.03	27.06 1.70 -3.92	28.80 0.79 -18.19	27.83 0.78 -16.66	28.67 1.91 0.00	29.36 2.01 0.00	31.00 2.20 0.00	31.54 2.35 0.00	31.13 2.19 0.00	31.31 2.23 0.01	17.00 1.40 0.63	24.17 2.04 -0.17	32.93 2.95 0.15	32.71 2.97 -0.44	35.79 3.42 -0.60	42.65 4.00 -3.53	41.50 4.12 -1.83	63.37 4.78 -16.48	64.57 4.50 -19.02	62.35 4.25 -15.87	54.53 3.95 0.00	50.59 3.25 0.00	43.45 3.36 0.00	40.35 2.85 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.06 1.83 0.00	26.73 1.37 -3.91	28.63 0.62 -18.18	27.67 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.60 1.80 0.00	31.20 2.00 0.00	30.91 1.97 0.00	31.21 1.96 -0.17	31.57 1.13 -14.21	33.08 1.65 -9.48	41.22 2.39 -8.69	50.50 2.42 -18.78	55.19 2.81 -20.62	56.30 3.39 -17.80	56.66 3.48 -17.64	62.90 4.29 -16.49	64.04 3.97 -19.01	61.92 3.82 -15.87	53.91 3.34 0.00	50.04 2.69 0.00	42.82 2.74 0.00	39.76 2.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.06 1.83 0.00	26.73 1.37 -3.91	28.63 0.61 -18.18	27.67 0.62 -16.65	28.31 1.56 0.00	28.98 1.64 0.00	30.60 1.80 0.00	31.19 2.00 0.00	30.91 1.96 0.00	31.20 1.94 -0.17	31.57 1.13 -14.21	33.07 1.64 -9.48	41.21 2.38 -8.69	50.48 2.40 -18.78	55.18 2.80 -20.62	56.28 3.36 -17.80	56.66 3.47 -17.64	62.88 4.28 -16.49	64.03 3.96 -19.01	61.92 3.81 -15.87	53.91 3.33 0.00	50.04 2.69 0.00	42.82 2.73 0.00	39.76 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.04 1.81 0.00	26.72 1.36 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.30 1.54 0.00	28.97 1.62 0.00	30.59 1.79 0.00	31.19 2.00 0.00	30.89 1.95 0.00	31.20 1.94 -0.17	31.56 1.12 -14.21	33.07 1.63 -9.48	41.20 2.37 -8.69	50.47 2.39 -18.78	55.17 2.79 -20.62	56.28 3.36 -17.80	56.64 3.45 -17.64	62.86 4.25 -16.49	64.01 3.93 -19.01	61.89 3.78 -15.87	53.86 3.29 0.00	50.00 2.66 0.00	42.80 2.71 0.00	39.73 2.23 0.00
FARRAGUT___LBMP 323566	34.01 1.79 0.00	26.71 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.16 1.97 0.00	30.86 1.92 0.00	31.17 1.91 -0.17	31.54 1.10 -14.21	33.04 1.61 -9.48	41.17 2.34 -8.69	50.44 2.36 -18.78	55.13 2.75 -20.62	56.24 3.32 -17.80	56.60 3.41 -17.64	62.81 4.21 -16.49	63.97 3.89 -19.01	61.84 3.74 -15.87	53.82 3.25 0.00	49.97 2.63 0.00	42.76 2.67 0.00	39.71 2.21 0.00
FARRCKWY_69_KV_BK2 55825	36.72 2.47 -2.03	27.06 1.70 -3.92	28.80 0.79 -18.19	27.83 0.78 -16.66	28.67 1.91 0.00	29.36 2.01 0.00	31.00 2.20 0.00	31.54 2.35 0.00	31.13 2.19 0.00	31.31 2.23 0.01	17.00 1.40 0.63	24.17 2.04 -0.17	32.93 2.95 0.15	32.71 2.97 -0.44	35.79 3.42 -0.60	42.65 4.00 -3.53	41.50 4.12 -1.83	63.37 4.78 -16.48	64.57 4.50 -19.02	62.35 4.25 -15.87	54.53 3.95 0.00	50.59 3.25 0.00	43.45 3.36 0.00	40.35 2.85 0.00
FENNER___WINDPWR 24204	32.61 0.38 0.00	22.15 0.23 -0.47	12.14 0.12 -2.20	12.53 0.12 -2.02	27.07 0.31 0.00	27.71 0.37 0.00	29.19 0.40 0.00	29.40 0.20 0.00	29.03 0.09 0.00	29.09 0.00 0.00	16.22 -0.01 0.00	21.93 -0.03 0.00	30.04 -0.09 0.00	29.25 -0.05 0.00	31.74 -0.03 0.00	35.07 -0.06 0.00	35.63 0.08 0.00	42.48 0.37 0.00	41.89 0.58 -0.26	43.80 0.83 -0.74	52.90 1.04 -1.29	48.87 0.79 -0.74	40.86 0.58 -0.19	37.96 0.46 0.00
FIBERTEK___ENERGY 23856	32.00 -0.22 0.00	21.70 -0.15 -0.40	11.64 -0.06 -1.86	12.03 -0.07 -1.71	26.56 -0.20 0.00	27.19 -0.16 0.00	28.61 -0.18 0.00	28.90 -0.29 0.00	28.59 -0.35 0.00	28.67 -0.43 0.00	16.00 -0.23 0.00	21.64 -0.31 0.00	29.60 -0.53 0.00	28.80 -0.50 0.00	31.25 -0.52 0.00	34.52 -0.60 0.00	34.99 -0.56 0.00	41.62 -0.49 0.00	41.23 -0.41 -0.58	43.68 -0.25 -1.69	53.09 -0.43 -2.94	48.52 -0.52 -1.70	40.04 -0.49 -0.44	37.08 -0.42 0.00
FITZPATRICK___ 23598	31.32 -0.90 0.00	21.08 -0.60 -0.23	10.65 -0.26 -1.08	11.10 -0.28 -0.99	26.02 -0.73 0.00	26.61 -0.74 0.00	27.99 -0.81 0.00	28.33 -0.86 0.00	28.06 -0.88 0.00	28.17 -0.92 0.00	15.73 -0.50 0.00	21.24 -0.71 0.00	29.04 -1.09 0.00	28.22 -1.08 0.00	30.60 -1.16 0.00	33.78 -1.34 0.00	34.20 -1.35 0.00	40.57 -1.55 0.00	36.40 -1.48 3.18	31.63 -1.42 9.18	32.77 -1.80 16.00	36.34 -1.76 9.24	36.18 -1.50 2.40	36.21 -1.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.15 1.92 0.00	26.71 1.35 -3.92	28.63 0.61 -18.19	27.68 0.62 -16.66	28.28 1.53 0.00	28.94 1.60 0.00	30.56 1.76 0.00	31.11 1.92 0.00	30.76 1.82 0.00	30.81 1.72 0.00	17.24 1.01 0.00	23.43 1.48 0.00	32.31 2.18 0.00	31.52 2.22 0.00	34.38 2.62 0.00	38.32 3.19 0.00	38.88 3.33 0.00	62.54 4.17 -16.26	63.84 4.02 -18.76	61.79 3.90 -15.65	54.25 3.68 0.00	50.35 3.01 0.00	42.90 2.81 0.00	39.90 2.40 0.00
FORT ORANGE___ 23900	33.40 1.17 0.00	27.13 0.89 -4.80	32.51 0.40 -22.28	31.23 0.42 -20.41	27.83 1.08 0.00	28.44 1.10 0.00	29.92 1.12 0.00	30.24 1.05 0.00	29.64 0.69 0.00	29.60 0.51 0.00	16.52 0.29 0.00	22.40 0.45 0.00	30.84 0.71 0.00	29.92 0.63 0.00	32.43 0.67 0.00	36.00 0.87 0.00	36.45 0.90 0.00	52.57 1.10 -9.36	52.99 1.13 -10.80	52.33 1.08 -9.01	51.71 1.14 0.00	46.73 0.97 1.58	41.09 1.01 0.00	38.39 0.89 0.00
FORT_DRUM_COGEN 23780	31.01 -1.22 0.00	20.72 -0.92 -0.20	10.35 -0.39 -0.91	10.94 -0.29 -0.84	26.26 -0.50 0.00	27.02 -0.33 0.00	28.43 -0.37 0.00	28.23 -0.97 0.00	27.98 -0.96 0.00	28.18 -0.91 0.00	15.61 -0.62 0.00	20.87 -1.08 0.00	28.54 -1.59 0.00	28.07 -1.23 0.00	30.47 -1.29 0.00	33.08 -2.04 0.00	33.34 -2.22 0.00	40.65 -1.47 0.00	40.14 -1.34 -0.42	43.13 -0.32 -1.22	52.85 0.14 -2.13	47.68 -0.89 -1.23	39.38 -1.03 -0.32	36.40 -1.10 0.00
FOX_HILLS___ESR 323835	34.01 1.79 0.00	26.75 1.39 -3.91	28.64 0.63 -18.18	27.69 0.65 -16.65	28.36 1.60 0.00	29.02 1.67 0.00	30.65 1.85 0.00	31.23 2.04 0.00	30.91 1.97 0.00	31.21 1.94 -0.18	32.80 1.06 -15.51	33.85 1.55 -10.35	41.85 2.23 -9.49	52.05 2.24 -20.50	56.90 2.63 -22.51	57.78 3.23 -19.43	58.20 3.39 -19.26	62.90 4.30 -16.49	64.09 4.02 -19.01	62.02 3.91 -15.87	53.97 3.39 0.00	50.18 2.83 0.00	42.94 2.85 0.00	39.77 2.28 0.00
FPL_FAR_ROCK_GT1 24212	36.71 2.46 -2.03	27.06 1.70 -3.92	28.80 0.79 -18.19	27.83 0.78 -16.66	28.67 1.91 0.00	29.36 2.01 0.00	31.00 2.20 0.00	31.54 2.35 0.00	31.13 2.19 0.00	31.31 2.22 0.01	17.00 1.40 0.63	24.17 2.05 -0.17	32.94 2.96 0.15	32.72 2.98 -0.44	35.79 3.42 -0.60	42.65 4.00 -3.53	41.51 4.13 -1.83	63.36 4.77 -16.48	64.56 4.49 -19.02	62.35 4.24 -15.87	54.52 3.95 0.00	50.59 3.25 0.00	43.45 3.36 0.00	40.35 2.85 0.00
FPL_FAR_ROCK_GT2 23815	36.71 2.46 -2.03	27.06 1.70 -3.92	28.80 0.79 -18.19	27.83 0.78 -16.66	28.67 1.91 0.00	29.36 2.01 0.00	31.00 2.20 0.00	31.54 2.35 0.00	31.13 2.19 0.00	31.31 2.22 0.01	17.00 1.40 0.63	24.17 2.05 -0.17	32.94 2.96 0.15	32.72 2.98 -0.44	35.79 3.42 -0.60	42.65 4.00 -3.53	41.51 4.13 -1.83	63.36 4.77 -16.48	64.56 4.49 -19.02	62.35 4.24 -15.87	54.52 3.95 0.00	50.59 3.25 0.00	43.45 3.36 0.00	40.35 2.85 0.00

FRANKLIN_FALL_HYD 24054	31.64 -0.59 0.00	21.02 -0.43 0.00	9.63 -0.20 0.00	10.20 -0.19 0.00	26.29 -0.47 0.00	26.90 -0.45 0.00	28.43 -0.37 0.00	28.91 -0.28 0.00	28.65 -0.29 0.00	28.96 -0.13 0.00	16.04 -0.20 0.00	21.56 -0.39 0.00	29.64 -0.49 0.00	28.84 -0.46 0.00	31.25 -0.51 0.00	34.49 -0.63 0.00	34.85 -0.70 0.00	41.16 -0.95 0.00	40.20 -0.85 0.00	41.66 -0.58 0.00	50.38 -0.19 0.00	47.18 -0.17 0.00	39.66 -0.43 0.00	37.07 -0.43 0.00
FREEPORT_EQUS_GT1 23764	36.08 2.36 -1.49	26.99 1.63 -3.92	28.77 0.75 -18.19	27.79 0.74 -16.66	28.55 1.80 0.00	29.26 1.92 0.00	30.87 2.07 0.00	31.42 2.22 0.00	31.00 2.05 0.00	31.16 2.07 0.01	16.89 1.29 0.63	24.04 1.91 -0.17	32.74 2.76 0.15	32.54 2.80 -0.44	35.60 3.23 -0.60	42.48 3.82 -3.53	41.29 3.91 -1.83	63.10 4.50 -16.48	64.30 4.23 -19.02	62.03 3.92 -15.87	54.13 3.55 0.00	50.22 2.88 0.00	43.25 3.16 0.00	40.16 2.66 0.00
FREEPORT___CT2 23818	36.08 2.36 -1.49	26.99 1.63 -3.92	28.77 0.75 -18.19	27.79 0.74 -16.66	28.55 1.80 0.00	29.26 1.92 0.00	30.87 2.07 0.00	31.42 2.22 0.00	31.00 2.05 0.00	31.16 2.07 0.01	16.89 1.29 0.63	24.04 1.91 -0.17	32.74 2.76 0.15	32.54 2.80 -0.44	35.60 3.23 -0.60	42.48 3.82 -3.53	41.29 3.91 -1.83	63.10 4.50 -16.48	64.30 4.23 -19.02	62.03 3.92 -15.87	54.13 3.55 0.00	50.22 2.88 0.00	43.25 3.16 0.00	40.16 2.66 0.00
FRESHKLS_33_KV_LOAD 356253	34.07 1.84 0.00	26.80 1.44 -3.91	28.69 0.67 -18.18	27.74 0.69 -16.65	28.46 1.71 0.00	29.13 1.78 0.00	30.77 1.97 0.00	31.35 2.15 0.00	30.99 2.05 0.00	31.28 2.00 -0.18	32.82 1.07 -15.51	33.87 1.57 -10.35	41.87 2.25 -9.49	52.06 2.26 -20.50	56.91 2.63 -22.51	57.82 3.26 -19.43	58.29 3.49 -19.26	63.06 4.45 -16.49	64.26 4.19 -19.01	62.23 4.12 -15.87	54.20 3.62 0.00	50.41 3.07 0.00	43.09 3.00 0.00	39.88 2.38 0.00
FULTON COGEN____ 23766	31.39 -0.84 0.00	21.21 -0.55 -0.31	11.03 -0.24 -1.45	11.46 -0.26 -1.32	26.07 -0.68 0.00	26.68 -0.67 0.00	28.07 -0.73 0.00	28.39 -0.80 0.00	28.11 -0.84 0.00	28.20 -0.90 0.00	15.73 -0.49 0.00	21.26 -0.69 0.00	29.06 -1.07 0.00	28.26 -1.04 0.00	30.64 -1.12 0.00	33.80 -1.33 0.00	34.24 -1.32 0.00	40.68 -1.43 0.00	40.76 -1.34 -1.03	43.97 -1.24 -2.98	54.21 -1.56 -5.19	48.76 -1.58 -3.00	39.52 -1.35 -0.78	36.33 -1.17 0.00
FULTON___LFGE 323630	33.73 1.50 0.00	27.75 0.97 -5.34	35.07 0.43 -24.81	33.56 0.45 -22.72	27.95 1.19 0.00	28.63 1.28 0.00	29.92 1.12 0.00	29.89 0.70 0.00	29.33 0.38 0.00	29.26 0.17 0.00	16.31 0.08 0.00	22.03 0.07 0.00	30.24 0.11 0.00	29.41 0.11 0.00	31.94 0.18 0.00	35.30 0.18 0.00	35.91 0.35 0.00	47.84 0.64 -5.08	47.98 1.06 -5.87	49.12 1.99 -4.89	53.15 2.58 0.00	50.11 2.49 -0.28	42.17 2.08 0.00	39.33 1.84 0.00
G.F.CEMENT___DRP 24184	34.41 2.19 0.00	27.90 1.47 -4.98	33.66 0.71 -23.12	32.32 0.74 -21.18	28.69 1.94 0.00	29.45 2.11 0.00	31.06 2.26 0.00	31.34 2.15 0.00	30.67 1.72 0.00	30.43 1.34 0.00	16.91 0.68 0.00	22.94 0.99 0.00	31.69 1.57 0.00	30.78 1.48 0.00	33.44 1.68 0.00	37.34 2.21 0.00	37.88 2.33 0.00	52.54 3.09 -7.33	52.65 3.13 -8.46	52.61 3.31 -7.06	54.40 3.82 0.00	51.46 3.63 -0.49	43.15 3.06 0.00	40.42 2.92 0.00
GARDENVILLE___LBMP 24039	30.48 -1.75 0.00	20.87 -1.19 -0.61	12.19 -0.48 -2.83	12.47 -0.51 -2.60	25.41 -1.35 0.00	25.91 -1.44 0.00	27.29 -1.51 0.00	27.90 -1.30 0.00	27.89 -1.06 0.00	28.09 -1.01 0.00	15.72 -0.51 0.00	21.21 -0.75 0.00	28.95 -1.18 0.00	28.33 -0.97 0.00	30.72 -1.04 0.00	33.37 -1.75 0.00	32.38 -2.05 1.12	20.40 -2.62 19.10	19.83 -2.75 18.48	29.67 -2.51 10.06	46.43 -3.19 0.96	41.92 -3.00 2.42	34.39 -2.76 2.94	35.28 -2.22 0.00
GARDNVLA_35_KV_LD 355827	30.61 -1.62 0.00	20.96 -1.10 -0.61	12.24 -0.44 -2.85	12.53 -0.48 -2.61	25.49 -1.26 0.00	26.00 -1.35 0.00	27.39 -1.41 0.00	28.01 -1.18 0.00	28.02 -0.92 0.00	28.22 -0.87 0.00	15.80 -0.43 0.00	21.31 -0.64 0.00	29.10 -1.03 0.00	28.48 -0.82 0.00	30.90 -0.86 0.00	33.57 -1.56 0.00	32.72 -1.85 0.98	23.03 -2.40 16.69	22.36 -2.56 16.14	31.15 -2.30 8.78	46.82 -2.92 0.84	42.50 -2.74 2.11	34.95 -2.57 2.56	35.43 -2.07 0.00
GELCKHM___115KV_LOAD 80723	31.79 -0.44 0.00	21.52 -0.28 -0.36	11.37 -0.12 -1.66	11.78 -0.13 -1.52	26.40 -0.35 0.00	27.01 -0.34 0.00	28.42 -0.38 0.00	28.75 -0.44 0.00	28.47 -0.48 0.00	28.55 -0.54 0.00	15.94 -0.29 0.00	21.56 -0.40 0.00	29.48 -0.65 0.00	28.67 -0.63 0.00	31.11 -0.65 0.00	34.36 -0.77 0.00	34.82 -0.73 0.00	41.37 -0.75 0.00	40.74 -0.70 -0.38	42.76 -0.58 -1.11	51.69 -0.81 -1.92	47.58 -0.87 -1.11	39.60 -0.78 -0.29	36.82 -0.68 0.00
GENERAL___MILLS 23808	30.54 -1.68 0.00	20.92 -1.14 -0.61	12.22 -0.46 -2.85	12.51 -0.49 -2.61	25.46 -1.30 0.00	25.97 -1.38 0.00	27.35 -1.45 0.00	27.97 -1.22 0.00	27.97 -0.98 0.00	28.16 -0.93 0.00	15.77 -0.46 0.00	21.26 -0.69 0.00	29.02 -1.11 0.00	28.41 -0.89 0.00	30.81 -0.95 0.00	33.47 -1.65 0.00	32.59 -1.95 1.02	22.26 -2.51 17.34	21.63 -2.65 16.78	30.70 -2.41 9.13	46.66 -3.04 0.87	42.29 -2.86 2.20	34.76 -2.66 2.66	35.36 -2.14 0.00
GE_PLASTICS___DRP 24183	33.19 0.96 0.00	26.98 0.74 -4.79	32.42 0.34 -22.25	31.14 0.36 -20.38	27.66 0.91 0.00	28.26 0.92 0.00	29.72 0.92 0.00	30.10 0.91 0.00	29.63 0.68 0.00	29.63 0.53 0.00	16.54 0.31 0.00	22.42 0.46 0.00	30.84 0.71 0.00	29.89 0.59 0.00	32.32 0.56 0.00	35.79 0.66 0.00	36.20 0.65 0.00	48.52 0.80 -5.61	48.27 0.74 -6.47	48.27 0.63 -5.40	51.11 0.53 0.00	46.86 0.43 0.92	40.67 0.58 0.00	38.01 0.51 0.00
GILBOA___1 23756	33.07 0.84 0.00	25.97 0.71 -3.81	27.87 0.34 -17.70	26.99 0.37 -16.22	27.64 0.88 0.00	28.20 0.86 0.00	29.61 0.81 0.00	30.03 0.84 0.00	29.68 0.74 0.00	29.73 0.63 0.00	16.60 0.37 0.00	22.50 0.54 0.00	30.93 0.80 0.00	30.06 0.75 0.00	32.63 0.87 0.00	36.19 1.07 0.00	36.64 1.09 0.00	44.68 1.29 -1.28	43.64 1.11 -1.47	44.53 1.06 -1.23	51.50 0.93 0.00	48.17 0.83 0.00	41.04 0.96 0.00	38.34 0.84 0.00
GILBOA___2 23757	33.07 0.84 0.00	25.97 0.71 -3.81	27.87 0.34 -17.70	26.99 0.37 -16.22	27.64 0.88 0.00	28.20 0.86 0.00	29.61 0.81 0.00	30.03 0.84 0.00	29.68 0.74 0.00	29.73 0.63 0.00	16.60 0.37 0.00	22.50 0.54 0.00	30.93 0.80 0.00	30.06 0.75 0.00	32.63 0.87 0.00	36.19 1.07 0.00	36.64 1.09 0.00	44.68 1.29 -1.28	43.64 1.11 -1.47	44.53 1.06 -1.23	51.50 0.93 0.00	48.17 0.83 0.00	41.04 0.96 0.00	38.34 0.84 0.00
GILBOA___3 23758	33.07 0.84 0.00	25.97 0.71 -3.81	27.87 0.34 -17.70	26.99 0.37 -16.22	27.64 0.88 0.00	28.20 0.86 0.00	29.61 0.81 0.00	30.03 0.84 0.00	29.68 0.74 0.00	29.73 0.63 0.00	16.60 0.37 0.00	22.50 0.54 0.00	30.93 0.80 0.00	30.06 0.75 0.00	32.63 0.87 0.00	36.19 1.07 0.00	36.64 1.09 0.00	44.68 1.29 -1.28	43.64 1.11 -1.47	44.53 1.06 -1.23	51.50 0.93 0.00	48.17 0.83 0.00	41.04 0.96 0.00	38.34 0.84 0.00

GILBOA___4 23759	33.07 0.84 0.00	25.97 0.71 -3.81	27.87 0.34 -17.70	26.99 0.37 -16.22	27.64 0.88 0.00	28.20 0.86 0.00	29.61 0.81 0.00	30.03 0.84 0.00	29.68 0.74 0.00	29.73 0.63 0.00	16.60 0.37 0.00	22.50 0.54 0.00	30.93 0.80 0.00	30.06 0.75 0.00	32.63 0.87 0.00	36.19 1.07 0.00	36.64 1.09 0.00	44.68 1.29 -1.28	43.64 1.11 -1.47	44.53 1.06 -1.23	51.50 0.93 0.00	48.17 0.83 0.00	41.04 0.96 0.00	38.34 0.84 0.00
GILBOA____ 23599	33.07 0.84 0.00	25.97 0.71 -3.81	27.87 0.34 -17.70	26.99 0.37 -16.22	27.64 0.88 0.00	28.20 0.85 0.00	29.61 0.81 0.00	30.03 0.84 0.00	29.68 0.74 0.00	29.73 0.63 0.00	16.60 0.37 0.00	22.50 0.54 0.00	30.93 0.80 0.00	30.06 0.76 0.00	32.63 0.87 0.00	36.19 1.07 0.00	36.64 1.09 0.00	44.68 1.29 -1.28	43.65 1.12 -1.47	44.53 1.06 -1.23	51.51 0.93 0.00	48.17 0.83 0.00	41.04 0.96 0.00	38.34 0.84 0.00
GINNA____ 23603	29.96 -2.26 0.00	20.34 -1.53 -0.43	11.15 -0.67 -1.99	11.50 -0.72 -1.82	24.89 -1.86 0.00	25.44 -1.91 0.00	26.79 -2.01 0.00	27.25 -1.94 0.00	27.06 -1.88 0.00	27.22 -1.87 0.00	15.22 -1.01 0.00	20.56 -1.39 0.00	28.13 -2.01 0.00	27.46 -1.84 0.00	29.88 -1.88 0.00	32.79 -2.33 0.00	32.91 -2.47 0.17	36.24 -2.94 2.93	35.25 -2.89 2.92	37.94 -2.71 1.59	47.03 -3.40 0.15	43.68 -3.29 0.37	36.56 -3.07 0.46	34.78 -2.73 0.00
GLEN PARK____ 23778	31.08 -1.15 0.00	20.77 -0.87 -0.20	10.41 -0.37 -0.95	10.99 -0.27 -0.87	26.30 -0.45 0.00	27.06 -0.29 0.00	28.48 -0.33 0.00	28.24 -0.95 0.00	27.97 -0.98 0.00	28.15 -0.94 0.00	15.59 -0.63 0.00	20.85 -1.10 0.00	28.51 -1.62 0.00	28.04 -1.27 0.00	30.44 -1.32 0.00	33.05 -2.07 0.00	33.33 -2.22 0.00	40.72 -1.39 0.00	40.19 -1.31 -0.45	43.29 -0.23 -1.29	53.10 0.29 -2.24	47.88 -0.76 -1.29	39.50 -0.92 -0.34	36.49 -1.01 0.00
GLENDALE_27_KV_LOAD 356172	34.19 1.96 0.00	26.85 1.49 -3.91	28.68 0.67 -18.18	27.73 0.68 -16.65	28.44 1.69 0.00	29.12 1.78 0.00	30.76 1.96 0.00	31.38 2.18 0.00	31.08 2.14 0.00	31.40 2.13 -0.18	32.96 1.22 -15.51	34.06 1.76 -10.35	42.18 2.56 -9.49	52.36 2.56 -20.50	57.21 2.94 -22.51	58.07 3.52 -19.43	58.42 3.61 -19.26	63.12 4.52 -16.49	64.25 4.18 -19.01	62.13 4.03 -15.87	54.14 3.56 0.00	50.29 2.94 0.00	43.07 2.98 0.00	39.95 2.45 0.00
GLENWOOD_IC_1_G5 23712	36.15 2.12 -1.80	26.85 1.49 -3.92	28.69 0.68 -18.19	27.73 0.68 -16.66	28.42 1.67 0.00	29.10 1.76 0.00	30.72 1.92 0.00	31.27 2.08 0.00	30.90 1.96 0.00	31.05 1.96 0.01	16.82 1.22 0.63	23.91 1.79 -0.17	32.57 2.59 0.15	32.37 2.63 -0.44	35.41 3.05 -0.60	42.27 3.62 -3.53	40.89 3.51 -1.83	62.74 4.15 -16.48	63.94 3.87 -19.02	61.72 3.62 -15.87	53.79 3.22 0.00	49.93 2.59 0.00	43.01 2.92 0.00	39.97 2.47 0.00
GLENWOOD_IC_2_G1 23688	34.22 1.91 -0.08	26.73 1.37 -3.91	28.64 0.62 -18.19	27.68 0.63 -16.66	28.29 1.54 0.00	28.96 1.62 0.00	30.56 1.76 0.00	31.12 1.93 0.00	30.77 1.82 0.00	30.90 1.81 0.01	16.71 1.11 0.63	23.75 1.63 -0.17	32.35 2.37 0.15	32.14 2.40 -0.44	35.15 2.78 -0.60	42.00 3.34 -3.53	40.80 3.42 -1.83	62.68 4.09 -16.48	63.93 3.85 -19.02	61.74 3.63 -15.87	53.84 3.26 0.00	49.97 2.63 0.00	42.80 2.71 0.00	39.79 2.29 0.00
GLENWOOD_IC_3_G1 23689	34.22 1.91 -0.08	26.73 1.37 -3.91	28.64 0.62 -18.19	27.68 0.63 -16.66	28.29 1.54 0.00	28.96 1.62 0.00	30.56 1.76 0.00	31.12 1.93 0.00	30.77 1.82 0.00	30.90 1.81 0.01	16.71 1.11 0.63	23.75 1.63 -0.17	32.35 2.37 0.15	32.14 2.40 -0.44	35.15 2.78 -0.60	42.00 3.34 -3.53	40.80 3.42 -1.83	62.68 4.09 -16.48	63.93 3.85 -19.02	61.74 3.63 -15.87	53.84 3.26 0.00	49.97 2.63 0.00	42.80 2.71 0.00	39.79 2.29 0.00
GLENWOOD___4 23550	36.15 2.12 -1.80	26.85 1.49 -3.92	28.69 0.68 -18.19	27.73 0.68 -16.66	28.42 1.67 0.00	29.10 1.76 0.00	30.72 1.92 0.00	31.27 2.08 0.00	30.90 1.96 0.00	31.05 1.96 0.01	16.82 1.22 0.63	23.91 1.79 -0.17	32.57 2.59 0.15	32.37 2.63 -0.44	35.41 3.05 -0.60	42.28 3.63 -3.53	40.98 3.60 -1.83	62.84 4.25 -16.48	64.04 3.97 -19.02	61.82 3.72 -15.87	53.91 3.33 0.00	50.04 2.70 0.00	43.01 2.92 0.00	39.97 2.47 0.00
GLENWOOD___5 23614	36.15 2.12 -1.80	26.85 1.49 -3.92	28.69 0.68 -18.19	27.73 0.68 -16.66	28.42 1.67 0.00	29.10 1.76 0.00	30.72 1.92 0.00	31.27 2.08 0.00	30.90 1.96 0.00	31.05 1.96 0.01	16.82 1.22 0.63	23.91 1.79 -0.17	32.57 2.59 0.15	32.37 2.63 -0.44	35.41 3.05 -0.60	42.28 3.63 -3.53	40.98 3.60 -1.83	62.84 4.25 -16.48	64.04 3.97 -19.02	61.82 3.72 -15.87	53.91 3.33 0.00	50.04 2.70 0.00	43.01 2.92 0.00	39.97 2.47 0.00
GLOBAL GREEN_PORT_GT1 23814	36.25 2.89 -1.13	27.29 1.93 -3.92	28.89 0.87 -18.19	27.93 0.87 -16.66	29.08 2.33 0.00	29.87 2.53 0.00	31.46 2.66 0.00	31.90 2.71 0.00	31.26 2.32 0.00	31.45 2.37 0.01	17.10 1.50 0.63	24.24 2.12 -0.17	32.84 2.86 0.15	32.52 2.77 -0.44	35.46 3.10 -0.60	42.39 3.73 -3.53	41.35 3.97 -1.83	63.17 4.58 -16.48	64.39 4.31 -19.02	62.02 3.91 -15.87	54.06 3.48 0.00	50.01 2.66 0.00	43.06 2.98 0.00	39.69 2.19 0.00
GLOBE___DSASP 323697	29.45 -2.78 0.00	20.15 -1.86 -0.57	11.70 -0.77 -2.64	12.00 -0.81 -2.42	24.67 -2.08 0.00	25.08 -2.27 0.00	26.31 -2.49 0.00	26.99 -2.21 0.00	26.95 -1.99 0.00	27.19 -1.91 0.00	15.24 -0.99 0.00	20.56 -1.40 0.00	27.94 -2.19 0.00	27.33 -1.97 0.00	29.63 -2.13 0.00	32.09 -3.04 0.00	31.30 -3.45 0.80	24.28 -4.15 13.68	23.55 -4.34 13.18	30.84 -4.22 7.17	44.39 -5.50 0.69	40.55 -5.06 1.73	33.63 -4.36 2.10	33.95 -3.55 0.00
GOETHSLN___LBMP 323567	33.90 1.67 0.00	26.62 1.26 -3.91	28.57 0.56 -18.18	27.62 0.57 -16.65	28.17 1.41 0.00	28.83 1.48 0.00	30.44 1.64 0.00	31.03 1.84 0.00	30.74 1.80 0.00	31.04 1.79 -0.17	31.48 1.04 -14.21	32.95 1.52 -9.48	41.05 2.23 -8.69	50.32 2.24 -18.78	54.98 2.60 -20.62	56.10 3.19 -17.80	56.47 3.28 -17.64	62.64 4.04 -16.49	63.81 3.73 -19.01	61.68 3.58 -15.87	53.61 3.03 0.00	49.75 2.41 0.00	42.58 2.49 0.00	39.52 2.02 0.00
GOLAH___69_KV_TB 1_2 80279	31.25 -0.98 0.00	21.22 -0.68 -0.46	11.68 -0.27 -2.13	12.05 -0.29 -1.95	25.98 -0.77 0.00	26.52 -0.83 0.00	27.92 -0.88 0.00	28.41 -0.78 0.00	28.19 -0.76 0.00	28.35 -0.75 0.00	15.84 -0.39 0.00	21.39 -0.57 0.00	29.24 -0.89 0.00	28.57 -0.74 0.00	31.06 -0.70 0.00	33.97 -1.15 0.00	34.03 -1.34 0.18	37.32 -1.70 3.10	36.27 -1.73 3.06	39.27 -1.30 1.66	48.87 -1.55 0.15	45.48 -1.48 0.39	38.05 -1.55 0.48	36.28 -1.22 0.00
GOODYEAR_LAKE_HYD 323669	33.07 0.84 0.00	23.29 0.62 -1.22	15.78 0.28 -5.68	15.88 0.29 -5.20	27.45 0.70 0.00	28.09 0.74 0.00	29.54 0.74 0.00	29.87 0.67 0.00	29.59 0.64 0.00	29.65 0.56 0.00	16.56 0.33 0.00	22.41 0.46 0.00	30.73 0.60 0.00	29.91 0.61 0.00	32.52 0.75 0.00	35.97 0.85 0.00	36.54 0.99 0.00	45.66 1.33 -2.22	45.16 1.44 -2.67	46.28 1.63 -2.41	52.71 1.68 -0.46	49.11 1.43 -0.34	41.40 1.25 -0.07	38.54 1.04 0.00





GOWANUS_GT4_4 24133	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
GOWANUS_GT4_5 24134	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
GOWANUS_GT4_6 24135	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
GOWANUS_GT4_7 24136	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
GOWANUS_GT4_8 24137	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
GREENBSH_115KV_TB3 55895	33.25 1.03 0.00	27.06 0.80 -4.82	32.58 0.36 -22.38	31.28 0.38 -20.50	27.72 0.97 0.00	28.32 0.97 0.00	29.78 0.98 0.00	30.14 0.95 0.00	29.57 0.63 0.00	29.54 0.45 0.00	16.49 0.26 0.00	22.36 0.40 0.00	30.78 0.65 0.00	29.86 0.56 0.00	32.35 0.59 0.00	35.91 0.79 0.00	36.34 0.79 0.00	52.67 0.94 -9.62	53.09 0.94 -11.10	52.30 0.80 -9.26	51.34 0.76 0.00	46.30 0.64 1.68	40.84 0.75 0.00	38.18 0.68 0.00
GREENDGE_115KV_TB5 80291	32.55 0.32 0.00	22.38 0.13 -0.80	13.64 0.09 -3.72	13.84 0.04 -3.41	26.84 0.09 0.00	27.49 0.15 0.00	29.04 0.24 0.00	29.21 0.02 0.00	28.81 -0.13 0.00	28.80 -0.29 0.00	16.06 -0.17 0.00	21.68 -0.27 0.00	29.69 -0.44 0.00	28.98 -0.32 0.00	31.46 -0.30 0.00	34.69 -0.44 0.00	36.83 -0.41 -1.69	71.33 -0.10 -29.32	70.72 0.22 -29.44	59.99 0.90 -16.85	54.49 1.01 -2.91	52.49 0.65 -4.50	45.21 0.39 -4.73	37.80 0.30 0.00
GREENIDGE___3 23582	32.55 0.32 0.00	22.38 0.13 -0.80	13.64 0.09 -3.72	13.84 0.04 -3.41	26.84 0.09 0.00	27.49 0.15 0.00	29.04 0.24 0.00	29.21 0.02 0.00	28.81 -0.13 0.00	28.80 -0.29 0.00	16.06 -0.17 0.00	21.68 -0.27 0.00	29.69 -0.44 0.00	28.98 -0.32 0.00	31.46 -0.30 0.00	34.69 -0.44 0.00	36.83 -0.41 -1.69	71.33 -0.10 -29.32	70.72 0.22 -29.44	59.99 0.90 -16.85	54.49 1.01 -2.91	52.49 0.65 -4.50	45.21 0.39 -4.73	37.80 0.30 0.00
GREENIDGE___4 23583	32.55 0.32 0.00	22.38 0.13 -0.80	13.64 0.09 -3.72	13.84 0.04 -3.41	26.84 0.09 0.00	27.49 0.15 0.00	29.04 0.24 0.00	29.21 0.02 0.00	28.81 -0.13 0.00	28.80 -0.29 0.00	16.06 -0.17 0.00	21.68 -0.27 0.00	29.69 -0.44 0.00	28.99 -0.31 0.00	31.46 -0.30 0.00	34.69 -0.43 0.00	36.82 -0.42 -1.69	71.32 -0.11 -29.32	70.72 0.22 -29.44	59.99 0.90 -16.85	54.47 0.99 -2.91	52.49 0.65 -4.50	45.20 0.38 -4.73	37.80 0.30 0.00
GREENLWN_69_KV_BK 3 55738	35.63 2.25 -1.15	26.96 1.60 -3.92	28.78 0.76 -18.19	27.80 0.75 -16.66	28.56 1.81 0.00	29.27 1.92 0.00	30.85 2.05 0.00	31.36 2.16 0.00	30.91 1.96 0.00	31.10 2.01 0.01	16.84 1.24 0.63	23.93 1.80 -0.17	32.54 2.56 0.15	32.40 2.65 -0.44	35.47 3.11 -0.60	42.32 3.67 -3.53	41.07 3.69 -1.83	62.70 4.11 -16.48	63.93 3.85 -19.02	61.55 3.44 -15.87	53.59 3.01 0.00	49.70 2.35 0.00	42.87 2.78 0.00	39.84 2.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.27 2.07 0.00	30.96 2.01 0.00	31.27 2.00 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.37 -20.50	57.04 2.77 -22.51	57.92 3.36 -19.43	58.30 3.49 -19.26	63.00 4.39 -16.49	64.14 4.07 -19.01	62.04 3.93 -15.87	54.01 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
GRISSOM___SOLAR 323813	33.72 1.50 0.00	27.71 0.98 -5.28	34.82 0.44 -24.55	33.34 0.46 -22.49	27.95 1.20 0.00	28.63 1.28 0.00	29.89 1.09 0.00	29.88 0.68 0.00	29.31 0.36 0.00	29.22 0.13 0.00	16.28 0.05 0.00	22.02 0.06 0.00	30.24 0.11 0.00	29.40 0.10 0.00	31.93 0.17 0.00	35.34 0.22 0.00	35.91 0.36 0.00	47.93 0.66 -5.16	48.06 1.05 -5.95	49.12 1.92 -4.97	53.07 2.49 0.00	50.03 2.40 -0.28	42.12 2.03 0.00	39.30 1.79 0.00
GROVEVILLE___HYD 323602	34.15 1.92 0.00	26.71 1.35 -3.92	28.63 0.61 -18.19	27.68 0.62 -16.66	28.28 1.53 0.00	28.94 1.60 0.00	30.56 1.76 0.00	31.11 1.92 0.00	30.76 1.82 0.00	30.81 1.72 0.00	17.24 1.01 0.00	23.43 1.48 0.00	32.31 2.18 0.00	31.52 2.22 0.00	34.38 2.62 0.00	38.32 3.19 0.00	38.88 3.33 0.00	62.54 4.17 -16.26	63.84 4.02 -18.76	61.79 3.90 -15.65	54.25 3.68 0.00	50.35 3.01 0.00	42.90 2.81 0.00	39.90 2.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.00 -0.22 0.00	21.70 -0.15 -0.40	11.64 -0.06 -1.86	12.03 -0.07 -1.71	26.56 -0.20 0.00	27.19 -0.16 0.00	28.61 -0.18 0.00	28.90 -0.29 0.00	28.59 -0.35 0.00	28.67 -0.43 0.00	16.00 -0.23 0.00	21.64 -0.31 0.00	29.60 -0.53 0.00	28.80 -0.50 0.00	31.25 -0.52 0.00	34.52 -0.60 0.00	34.99 -0.56 0.00	41.62 -0.49 0.00	41.23 -0.41 -0.58	43.68 -0.25 -1.69	53.09 -0.43 -2.94	48.52 -0.52 -1.70	40.04 -0.49 -0.44	37.08 -0.42 0.00
HAMLTNNY_34_KV_TB 80303	32.07 -0.16 0.00	21.76 -0.11 -0.43	11.78 -0.04 -1.99	12.16 -0.05 -1.82	26.58 -0.18 0.00	27.22 -0.12 0.00	28.66 -0.13 0.00	28.92 -0.27 0.00	28.57 -0.37 0.00	28.62 -0.48 0.00	15.97 -0.25 0.00	21.61 -0.34 0.00	29.57 -0.56 0.00	28.79 -0.52 0.00	31.26 -0.51 0.00	34.51 -0.61 0.00	34.95 -0.60 0.00	41.60 -0.52 0.00	41.25 -0.40 -0.59	43.76 -0.16 -1.69	53.23 -0.29 -2.94	48.70 -0.35 -1.70	40.15 -0.38 -0.44	37.18 -0.32 0.00

HAMPSHIRE___PAPER_HYD 323593	31.11 -1.12 0.00	20.74 -0.81 -0.10	9.92 -0.36 -0.45	10.49 -0.32 -0.41	26.10 -0.65 0.00	26.78 -0.56 0.00	28.24 -0.56 0.00	28.36 -0.83 0.00	28.12 -0.83 0.00	28.38 -0.71 0.00	15.71 -0.51 0.00	21.03 -0.92 0.00	28.96 -1.18 0.00	28.37 -0.94 0.00	30.73 -1.03 0.00	33.47 -1.65 0.00	33.67 -1.89 0.00	40.36 -1.76 0.00	39.57 -1.65 -0.17	41.68 -1.06 -0.49	50.65 -0.78 -0.86	46.67 -1.17 -0.50	39.06 -1.15 -0.13	36.34 -1.17 0.00
HARDSCRABBLE_WT_PWR 323673	33.80 1.57 0.00	22.65 1.21 0.00	10.38 0.55 0.00	10.93 0.53 0.00	28.08 1.33 0.00	28.68 1.33 0.00	30.08 1.29 0.00	30.05 0.85 0.00	29.24 0.30 0.00	29.00 -0.09 0.00	16.17 -0.06 0.00	21.92 -0.03 0.00	30.14 0.01 0.00	29.08 -0.22 0.00	31.63 -0.13 0.00	35.23 0.10 0.00	35.69 0.14 0.00	42.56 0.45 0.00	41.97 0.91 0.00	43.52 1.28 0.00	52.12 1.55 0.00	48.76 1.41 0.00	41.43 1.34 0.00	38.65 1.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.90 1.67 0.00	26.29 1.18 -3.67	27.41 0.53 -17.05	26.55 0.53 -15.62	28.06 1.31 0.00	28.70 1.36 0.00	30.29 1.49 0.00	30.84 1.65 0.00	30.52 1.58 0.00	30.63 1.54 0.00	17.15 0.92 0.00	23.32 1.37 0.00	32.16 2.03 0.00	31.37 2.07 0.00	34.23 2.46 0.00	38.18 3.06 0.00	38.76 3.21 0.00	62.21 4.01 -16.09	63.47 3.84 -18.57	61.41 3.67 -15.50	53.95 3.38 0.00	50.05 2.70 0.00	42.63 2.54 0.00	39.65 2.14 0.00
HARSNRAD_115KV_TB1 81005	30.00 -2.22 0.00	20.51 -1.49 -0.56	11.80 -0.61 -2.58	12.12 -0.63 -2.36	25.09 -1.66 0.00	25.53 -1.82 0.00	26.82 -1.98 0.00	27.48 -1.72 0.00	27.42 -1.53 0.00	27.64 -1.45 0.00	15.48 -0.75 0.00	20.86 -1.09 0.00	28.42 -1.71 0.00	27.81 -1.50 0.00	30.16 -1.61 0.00	32.68 -2.45 0.00	31.95 -2.83 0.77	25.39 -3.56 13.17	24.47 -3.73 12.86	31.76 -3.49 6.99	45.60 -4.32 0.66	41.74 -3.93 1.67	34.47 -3.58 2.04	34.66 -2.85 0.00
HARZA MOOSE___RIVER 24016	31.81 -0.42 0.00	21.24 -0.33 -0.13	10.28 -0.13 -0.59	10.85 -0.08 -0.54	26.72 -0.03 0.00	27.44 0.09 0.00	28.91 0.11 0.00	29.00 -0.19 0.00	28.69 -0.25 0.00	28.84 -0.25 0.00	16.00 -0.23 0.00	21.54 -0.41 0.00	29.53 -0.60 0.00	28.89 -0.41 0.00	31.37 -0.39 0.00	34.36 -0.76 0.00	34.77 -0.79 0.00	41.81 -0.31 0.00	41.16 -0.05 -0.15	43.18 0.50 -0.44	52.09 0.75 -0.76	47.77 -0.02 -0.44	40.04 -0.16 -0.11	37.19 -0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.80 -0.42 0.00	21.53 -0.28 -0.36	11.39 -0.11 -1.68	11.80 -0.13 -1.53	26.41 -0.34 0.00	27.01 -0.33 0.00	28.43 -0.37 0.00	28.77 -0.42 0.00	28.50 -0.44 0.00	28.61 -0.49 0.00	15.98 -0.25 0.00	21.59 -0.36 0.00	29.54 -0.60 0.00	28.73 -0.57 0.00	31.17 -0.59 0.00	34.42 -0.70 0.00	34.89 -0.66 0.00	41.43 -0.69 0.00	40.75 -0.63 -0.32	42.64 -0.52 -0.91	51.42 -0.75 -1.59	47.44 -0.83 -0.92	39.57 -0.75 -0.24	36.84 -0.66 0.00
HELLGATE_13_KV_LD 55870	34.18 1.95 0.00	26.85 1.49 -3.91	28.69 0.67 -18.18	27.74 0.69 -16.65	28.47 1.72 0.00	29.15 1.80 0.00	30.77 1.97 0.00	31.40 2.21 0.00	31.12 2.18 0.00	31.44 2.16 -0.18	32.99 1.24 -15.51	34.11 1.80 -10.35	42.22 2.60 -9.49	52.41 2.61 -20.50	57.25 2.98 -22.51	58.11 3.56 -19.43	58.46 3.65 -19.26	63.17 4.56 -16.49	64.29 4.22 -19.01	62.17 4.07 -15.87	54.14 3.56 0.00	50.31 2.97 0.00	43.10 3.01 0.00	39.98 2.48 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.18 1.95 0.00	26.85 1.49 -3.91	28.69 0.67 -18.18	27.74 0.69 -16.65	28.47 1.72 0.00	29.15 1.80 0.00	30.77 1.97 0.00	31.40 2.21 0.00	31.12 2.18 0.00	31.44 2.16 -0.18	32.99 1.24 -15.51	34.11 1.80 -10.35	42.22 2.60 -9.49	52.41 2.61 -20.50	57.25 2.98 -22.51	58.11 3.56 -19.43	58.46 3.65 -19.26	63.17 4.56 -16.49	64.29 4.22 -19.01	62.17 4.07 -15.87	54.14 3.56 0.00	50.31 2.97 0.00	43.10 3.01 0.00	39.98 2.48 0.00
HEMPSTEAD___ 23647	35.92 2.08 -1.61	26.82 1.45 -3.92	28.69 0.67 -18.19	27.72 0.66 -16.66	28.37 1.61 0.00	29.06 1.71 0.00	30.66 1.86 0.00	31.21 2.01 0.00	30.80 1.86 0.00	30.96 1.88 0.01	16.78 1.18 0.63	23.87 1.75 -0.17	32.51 2.53 0.15	32.31 2.57 -0.44	35.35 2.98 -0.60	42.20 3.55 -3.53	40.96 3.58 -1.83	62.72 4.13 -16.48	63.94 3.86 -19.02	61.67 3.56 -15.87	53.71 3.13 0.00	49.84 2.49 0.00	42.89 2.80 0.00	39.86 2.35 0.00
HICKLING___1 23621	32.18 -0.04 0.00	22.31 -0.09 -0.96	14.27 0.00 -4.45	14.39 -0.07 -4.08	26.57 -0.18 0.00	27.18 -0.16 0.00	28.71 -0.08 0.00	28.90 -0.29 0.00	28.68 -0.27 0.00	28.79 -0.31 0.00	16.08 -0.15 0.00	21.73 -0.22 0.00	29.77 -0.35 0.00	29.11 -0.19 0.00	31.57 -0.19 0.00	34.78 -0.35 0.00	35.96 -0.33 -0.74	55.17 -0.13 -13.18	54.57 0.08 -13.43	50.72 0.49 -7.99	52.59 0.32 -1.69	49.47 -0.08 -2.21	42.08 -0.15 -2.14	37.36 -0.14 0.00
HICKLING___2 23622	32.18 -0.04 0.00	22.31 -0.09 -0.96	14.27 0.00 -4.45	14.39 -0.07 -4.08	26.57 -0.18 0.00	27.18 -0.16 0.00	28.71 -0.08 0.00	28.90 -0.29 0.00	28.68 -0.27 0.00	28.79 -0.31 0.00	16.08 -0.15 0.00	21.73 -0.22 0.00	29.77 -0.35 0.00	29.11 -0.19 0.00	31.57 -0.19 0.00	34.78 -0.35 0.00	35.96 -0.33 -0.74	55.17 -0.13 -13.18	54.57 0.08 -13.43	50.72 0.49 -7.99	52.59 0.32 -1.69	49.47 -0.08 -2.21	42.08 -0.15 -2.14	37.36 -0.14 0.00
HIGH FALLS___HY 23754	33.99 1.76 0.00	26.52 1.22 -3.86	28.30 0.55 -17.92	27.36 0.56 -16.41	28.11 1.36 0.00	28.77 1.43 0.00	30.40 1.60 0.00	30.99 1.80 0.00	30.64 1.70 0.00	30.67 1.57 0.00	17.13 0.90 0.00	23.25 1.30 0.00	32.04 1.91 0.00	31.28 1.98 0.00	34.17 2.41 0.00	38.14 3.02 0.00	38.80 3.25 0.00	59.53 4.18 -13.24	60.49 4.15 -15.28	59.07 4.08 -12.75	54.39 3.82 0.00	50.29 3.10 0.15	42.94 2.85 0.00	39.88 2.38 0.00
HIGH_RIVER___SOLAR 323847	33.41 1.19 0.00	27.43 0.84 -5.14	34.10 0.38 -23.89	32.68 0.40 -21.88	27.77 1.02 0.00	28.40 1.06 0.00	29.82 1.02 0.00	29.94 0.74 0.00	29.30 0.35 0.00	29.16 0.07 0.00	16.24 0.01 0.00	21.99 0.04 0.00	30.20 0.07 0.00	29.37 0.06 0.00	31.91 0.14 0.00	35.42 0.30 0.00	35.98 0.43 0.00	48.18 0.72 -5.35	48.34 1.11 -6.17	48.99 1.60 -5.15	52.44 1.87 0.00	49.38 1.74 -0.30	41.61 1.52 0.00	38.88 1.37 0.00
HILLBURN___GT 23639	33.83 1.61 0.00	26.31 1.14 -3.72	27.64 0.51 -17.30	26.76 0.52 -15.85	28.02 1.27 0.00	28.66 1.31 0.00	30.25 1.45 0.00	30.80 1.61 0.00	30.49 1.54 0.00	30.61 1.51 0.00	17.14 0.91 0.00	23.30 1.35 0.00	32.14 2.01 0.00	31.35 2.05 0.00	34.18 2.41 0.00	38.11 2.99 0.00	38.67 3.12 0.00	62.17 3.87 -16.19	63.43 3.69 -18.69	61.33 3.50 -15.59	53.71 3.14 0.00	49.84 2.50 0.00	42.51 2.42 0.00	39.53 2.03 0.00
HILLSIDE_115KV_TB1 80332	31.86 -0.36 0.00	22.20 -0.26 -1.01	14.46 -0.08 -4.70	14.56 -0.15 -4.31	26.37 -0.39 0.00	26.99 -0.36 0.00	28.50 -0.30 0.00	28.72 -0.48 0.00	28.52 -0.42 0.00	28.58 -0.51 0.00	15.97 -0.26 0.00	21.59 -0.36 0.00	29.62 -0.51 0.00	28.94 -0.36 0.00	31.38 -0.38 0.00	34.62 -0.50 0.00	35.68 -0.50 -0.64	53.23 -0.45 -11.56	52.65 -0.24 -11.84	49.43 0.03 -7.16	51.98 -0.25 -1.65	48.80 -0.56 -2.03	41.51 -0.46 -1.88	37.02 -0.48 0.00

HISHELDN_WT_PWR 323625	30.67 -1.55 0.00	20.99 -1.11 -0.66	12.42 -0.45 -3.05	12.69 -0.50 -2.79	25.46 -1.29 0.00	25.98 -1.37 0.00	27.37 -1.43 0.00	27.80 -1.39 0.00	27.74 -1.21 0.00	27.94 -1.15 0.00	15.64 -0.59 0.00	21.07 -0.88 0.00	28.77 -1.36 0.00	28.16 -1.14 0.00	30.50 -1.26 0.00	33.23 -1.89 0.00	31.16 -2.17 2.22	1.63 -2.59 37.89	1.27 -2.57 37.23	19.76 -2.23 20.24	45.87 -2.80 1.90	39.83 -2.71 4.80	31.65 -2.54 5.89	35.45 -2.05 0.00
HOLTSVILLE_IC_1 23690	35.80 2.45 -1.13	27.07 1.71 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.70 1.94 0.00	29.43 2.08 0.00	31.06 2.26 0.00	31.55 2.35 0.00	31.01 2.06 0.00	31.14 2.05 0.01	16.83 1.22 0.63	23.90 1.78 -0.17	32.52 2.54 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.34 3.68 -3.53	41.20 3.82 -1.83	62.91 4.32 -16.48	64.10 4.03 -19.02	61.72 3.62 -15.87	53.77 3.20 0.00	49.84 2.50 0.00	43.01 2.92 0.00	39.87 2.37 0.00
HOLTSVILLE_IC_10 23699	35.97 2.61 -1.14	27.17 1.81 -3.92	28.87 0.85 -18.19	27.89 0.84 -16.66	28.81 2.06 0.00	29.55 2.20 0.00	31.20 2.40 0.00	31.69 2.49 0.00	31.14 2.20 0.00	31.27 2.19 0.01	16.90 1.30 0.63	24.01 1.88 -0.17	32.66 2.68 0.15	32.53 2.78 -0.44	35.65 3.28 -0.60	42.58 3.93 -3.53	41.47 4.08 -1.83	63.25 4.66 -16.48	64.42 4.34 -19.02	62.04 3.94 -15.87	54.14 3.56 0.00	50.18 2.83 0.00	43.27 3.18 0.00	40.06 2.56 0.00
HOLTSVILLE_IC_2 23691	35.80 2.45 -1.13	27.07 1.71 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.70 1.94 0.00	29.43 2.08 0.00	31.06 2.26 0.00	31.55 2.35 0.00	31.01 2.06 0.00	31.14 2.05 0.01	16.83 1.22 0.63	23.90 1.78 -0.17	32.52 2.54 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.34 3.68 -3.53	41.20 3.82 -1.83	62.91 4.32 -16.48	64.10 4.03 -19.02	61.72 3.62 -15.87	53.77 3.20 0.00	49.84 2.50 0.00	43.01 2.92 0.00	39.87 2.37 0.00
HOLTSVILLE_IC_3 23692	35.80 2.45 -1.13	27.07 1.71 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.70 1.94 0.00	29.43 2.08 0.00	31.06 2.26 0.00	31.55 2.35 0.00	31.01 2.06 0.00	31.14 2.05 0.01	16.83 1.22 0.63	23.90 1.78 -0.17	32.52 2.54 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.34 3.68 -3.53	41.20 3.82 -1.83	62.91 4.32 -16.48	64.10 4.03 -19.02	61.72 3.62 -15.87	53.77 3.20 0.00	49.84 2.50 0.00	43.01 2.92 0.00	39.87 2.37 0.00
HOLTSVILLE_IC_4 23693	35.80 2.45 -1.13	27.07 1.71 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.70 1.94 0.00	29.43 2.08 0.00	31.06 2.26 0.00	31.55 2.35 0.00	31.01 2.06 0.00	31.14 2.05 0.01	16.83 1.22 0.63	23.90 1.78 -0.17	32.52 2.54 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.34 3.68 -3.53	41.20 3.82 -1.83	62.91 4.32 -16.48	64.10 4.03 -19.02	61.72 3.62 -15.87	53.77 3.20 0.00	49.84 2.50 0.00	43.01 2.92 0.00	39.87 2.37 0.00
HOLTSVILLE_IC_5 23694	35.80 2.45 -1.13	27.07 1.71 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.70 1.94 0.00	29.43 2.08 0.00	31.06 2.26 0.00	31.55 2.35 0.00	31.01 2.06 0.00	31.14 2.05 0.01	16.83 1.22 0.63	23.90 1.78 -0.17	32.52 2.54 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.34 3.68 -3.53	41.20 3.82 -1.83	62.91 4.32 -16.48	64.10 4.03 -19.02	61.72 3.62 -15.87	53.77 3.20 0.00	49.84 2.50 0.00	43.01 2.92 0.00	39.87 2.37 0.00
HOLTSVILLE_IC_6 23695	35.97 2.61 -1.14	27.17 1.81 -3.92	28.87 0.85 -18.19	27.89 0.84 -16.66	28.81 2.06 0.00	29.55 2.20 0.00	31.20 2.40 0.00	31.69 2.49 0.00	31.14 2.20 0.00	31.27 2.19 0.01	16.90 1.30 0.63	24.01 1.88 -0.17	32.66 2.68 0.15	32.53 2.78 -0.44	35.65 3.28 -0.60	42.58 3.93 -3.53	41.47 4.08 -1.83	63.25 4.66 -16.48	64.42 4.34 -19.02	62.04 3.94 -15.87	54.14 3.56 0.00	50.18 2.83 0.00	43.27 3.18 0.00	40.06 2.56 0.00
HOLTSVILLE_IC_7 23696	35.97 2.61 -1.14	27.17 1.81 -3.92	28.87 0.85 -18.19	27.89 0.84 -16.66	28.81 2.06 0.00	29.55 2.20 0.00	31.20 2.40 0.00	31.69 2.49 0.00	31.14 2.20 0.00	31.27 2.19 0.01	16.90 1.30 0.63	24.01 1.88 -0.17	32.66 2.68 0.15	32.53 2.78 -0.44	35.65 3.28 -0.60	42.58 3.93 -3.53	41.47 4.08 -1.83	63.25 4.66 -16.48	64.42 4.34 -19.02	62.04 3.94 -15.87	54.14 3.56 0.00	50.18 2.83 0.00	43.27 3.18 0.00	40.06 2.56 0.00
HOLTSVILLE_IC_8 23697	35.97 2.61 -1.14	27.17 1.81 -3.92	28.87 0.85 -18.19	27.89 0.84 -16.66	28.81 2.06 0.00	29.55 2.20 0.00	31.20 2.40 0.00	31.69 2.49 0.00	31.14 2.20 0.00	31.27 2.19 0.01	16.90 1.30 0.63	24.01 1.88 -0.17	32.66 2.68 0.15	32.53 2.78 -0.44	35.65 3.28 -0.60	42.58 3.93 -3.53	41.47 4.08 -1.83	63.25 4.66 -16.48	64.42 4.34 -19.02	62.04 3.94 -15.87	54.14 3.56 0.00	50.18 2.83 0.00	43.27 3.18 0.00	40.06 2.56 0.00
HOLTSVILLE_IC_9 23698	35.97 2.61 -1.14	27.17 1.81 -3.92	28.87 0.85 -18.19	27.89 0.84 -16.66	28.81 2.06 0.00	29.55 2.20 0.00	31.20 2.40 0.00	31.69 2.49 0.00	31.14 2.20 0.00	31.27 2.19 0.01	16.90 1.30 0.63	24.01 1.88 -0.17	32.66 2.68 0.15	32.53 2.78 -0.44	35.65 3.28 -0.60	42.58 3.93 -3.53	41.47 4.08 -1.83	63.25 4.66 -16.48	64.42 4.34 -19.02	62.04 3.94 -15.87	54.14 3.56 0.00	50.18 2.83 0.00	43.27 3.18 0.00	40.06 2.56 0.00
HOMER_HL_115KV_TB2 355744	30.71 -1.52 0.00	21.12 -1.01 -0.68	12.59 -0.41 -3.17	12.84 -0.46 -2.90	25.64 -1.12 0.00	26.18 -1.17 0.00	27.67 -1.13 0.00	28.21 -0.98 0.00	28.18 -0.76 0.00	28.28 -0.82 0.00	15.79 -0.44 0.00	21.33 -0.62 0.00	29.31 -0.82 0.00	28.65 -0.65 0.00	30.97 -0.79 0.00	33.74 -1.38 0.00	33.23 -1.49 0.83	26.20 -1.72 14.20	25.62 -1.68 13.76	33.26 -1.49 7.49	47.49 -2.38 0.71	43.12 -2.43 1.80	35.88 -2.02 2.19	35.80 -1.70 0.00
HOWARD_WT_PWR 323690	31.94 -0.28 0.00	21.87 -0.39 -0.81	13.44 -0.16 -3.78	13.56 -0.30 -3.46	25.93 -0.82 0.00	26.53 -0.82 0.00	28.12 -0.68 0.00	28.21 -0.99 0.00	28.11 -0.84 0.00	28.44 -0.65 0.00	15.88 -0.35 0.00	21.40 -0.55 0.00	29.23 -0.90 0.00	28.64 -0.66 0.00	31.02 -0.74 0.00	34.01 -1.11 0.00	37.78 -1.23 -3.46	100.62 -1.07 -59.58	99.51 -0.85 -59.30	74.90 -0.17 -32.83	53.99 -0.46 -3.87	54.51 -0.85 -8.01	48.49 -0.98 -9.38	36.66 -0.84 0.00
HQ_GEN_CEDARS 23644	31.83 -0.40 0.00	21.13 -0.32 0.00	9.68 -0.15 0.00	10.24 -0.15 0.00	26.39 -0.36 0.00	26.97 -0.38 0.00	28.48 -0.32 0.00	28.91 -0.29 0.00	28.71 -0.24 0.00	29.00 -0.10 0.00	16.10 -0.13 0.00	21.51 -0.44 0.00	29.80 -0.33 0.00	29.06 -0.24 0.00	31.45 -0.31 0.00	34.57 -0.55 0.00	34.91 -0.64 0.00	41.29 -0.82 0.00	40.19 -0.87 0.00	41.56 -0.68 0.00	50.23 -0.35 0.00	47.19 -0.16 0.00	39.79 -0.30 0.00	37.24 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	31.83 -0.40 0.00	21.13 -0.31 0.00	9.68 -0.15 0.00	10.24 -0.15 0.00	26.39 -0.36 0.00	26.85 -0.38 0.12	27.92 -0.32 0.56	28.91 -0.29 0.00	28.36 -0.24 0.35	29.00 -0.10 0.00	16.10 -0.13 0.00	21.52 -0.44 0.00	29.80 -0.33 0.00	29.06 -0.24 0.00	31.45 -0.31 0.00	34.57 -0.55 0.00	34.91 -0.64 0.00	41.29 -0.82 0.00	40.69 -0.87 -0.50	41.56 -0.68 0.00	50.24 -0.34 0.00	50.26 -0.16 -3.07	39.79 -0.30 0.00	37.24 -0.26 0.00

HQ_GEN_CHPE_PROXY 323851	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.90 0.00	31.15 1.88 -0.18	32.41 1.09 -15.09	33.61 1.59 -10.06	41.67 2.31 -9.23	51.57 2.33 -19.94	56.37 2.72 -21.89	57.30 3.28 -18.90	61.25 3.38 -22.32	62.76 4.16 -16.49	63.92 3.85 -19.01	61.80 3.70 -15.87	52.77 3.21 1.02	50.22 2.60 -0.27	42.74 2.65 0.00	39.69 2.19 0.00
HQ_GEN_IMPORT 323601	32.01 -0.22 0.00	21.23 -0.21 0.00	9.72 -0.11 0.00	10.29 -0.11 0.00	26.50 -0.25 0.00	27.08 -0.27 0.00	28.56 -0.24 0.00	28.99 -0.21 0.00	28.83 -0.12 0.00	29.08 -0.01 0.00	16.20 -0.02 0.00	21.88 -0.07 0.00	30.06 -0.06 0.00	29.25 -0.05 0.00	31.66 -0.10 0.00	34.95 -0.17 0.00	38.95 -0.19 -3.60	41.77 -0.34 0.00	40.72 -0.34 0.00	41.88 -0.36 0.00	49.47 -0.09 1.02	47.70 0.08 -0.27	40.02 -0.07 0.00	37.43 -0.07 0.00
HQ_GEN_WHEEL 23651	32.01 -0.22 0.00	21.23 -0.21 0.00	9.72 -0.11 0.00	10.29 -0.11 0.00	26.50 -0.25 0.00	27.08 -0.27 0.00	28.56 -0.24 0.00	28.99 -0.21 0.00	28.83 -0.12 0.00	29.08 -0.01 0.00	16.20 -0.02 0.00	21.88 -0.07 0.00	30.06 -0.06 0.00	29.25 -0.05 0.00	31.66 -0.10 0.00	34.95 -0.17 0.00	38.95 -0.19 -3.60	41.77 -0.34 0.00	40.72 -0.34 0.00	41.88 -0.36 0.00	49.47 -0.09 1.02	47.70 0.08 -0.27	40.02 -0.07 0.00	37.43 -0.07 0.00
HUDSON AVE_GT_3 23810	34.08 1.85 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.32 1.57 0.00	29.00 1.65 0.00	30.62 1.82 0.00	31.22 2.02 0.00	30.93 1.99 0.00	31.23 1.97 -0.17	31.58 1.14 -14.21	33.09 1.66 -9.48	41.24 2.41 -8.69	50.51 2.43 -18.78	55.21 2.83 -20.62	56.33 3.41 -17.80	56.70 3.51 -17.64	62.92 4.32 -16.49	64.07 4.00 -19.01	61.95 3.85 -15.87	53.95 3.38 0.00	50.08 2.74 0.00	42.86 2.77 0.00	39.78 2.28 0.00
HUDSON AVE_GT_4 23540	34.08 1.85 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.32 1.57 0.00	29.00 1.65 0.00	30.62 1.82 0.00	31.22 2.02 0.00	30.93 1.99 0.00	31.23 1.97 -0.17	31.58 1.14 -14.21	33.09 1.66 -9.48	41.24 2.41 -8.69	50.51 2.43 -18.78	55.21 2.83 -20.62	56.33 3.41 -17.80	56.70 3.51 -17.64	62.92 4.32 -16.49	64.07 4.00 -19.01	61.95 3.85 -15.87	53.95 3.38 0.00	50.08 2.74 0.00	42.86 2.77 0.00	39.78 2.28 0.00
HUDSON AVE_GT_5 23657	34.08 1.85 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.32 1.57 0.00	29.00 1.65 0.00	30.62 1.82 0.00	31.22 2.02 0.00	30.93 1.99 0.00	31.23 1.97 -0.17	31.58 1.14 -14.21	33.09 1.66 -9.48	41.24 2.41 -8.69	50.51 2.43 -18.78	55.21 2.83 -20.62	56.33 3.41 -17.80	56.70 3.51 -17.64	62.92 4.32 -16.49	64.07 4.00 -19.01	61.95 3.85 -15.87	53.95 3.38 0.00	50.08 2.74 0.00	42.86 2.77 0.00	39.78 2.28 0.00
HUDSON_AVE_10 24168	33.94 1.71 0.00	26.66 1.30 -3.91	28.59 0.58 -18.18	27.64 0.59 -16.65	28.22 1.48 0.00	28.90 1.55 0.00	30.50 1.70 0.00	31.08 1.89 0.00	30.79 1.85 0.00	21.17 1.83 9.76	-115.95 1.04 133.22	10.28 1.53 13.20	41.06 2.24 -8.69	50.34 2.26 -18.78	55.03 2.65 -20.62	56.13 3.21 -17.80	56.50 3.31 -17.64	62.67 4.07 -16.49	63.82 3.75 -19.01	61.69 3.59 -15.87	53.66 3.08 0.00	49.83 2.48 0.00	42.66 2.57 0.00	39.60 2.10 0.00
HUDSON___115KV_TB 4 355613	33.79 1.56 0.00	27.26 1.12 -4.70	32.16 0.51 -21.83	30.92 0.53 -20.00	28.12 1.37 0.00	28.75 1.40 0.00	30.25 1.45 0.00	30.53 1.34 0.00	29.86 0.92 0.00	29.78 0.69 0.00	16.62 0.39 0.00	22.53 0.58 0.00	31.04 0.91 0.00	30.12 0.82 0.00	32.65 0.89 0.00	36.28 1.15 0.00	36.78 1.23 0.00	51.93 1.52 -8.29	52.36 1.73 -9.57	52.05 1.83 -7.99	52.64 2.07 0.00	48.01 1.82 1.15	41.74 1.65 0.00	38.92 1.42 0.00
HUNTER MOUNT___DRP 323613	33.90 1.67 0.00	27.20 1.18 -4.57	31.60 0.53 -21.25	30.41 0.55 -19.46	28.20 1.45 0.00	28.84 1.49 0.00	30.37 1.57 0.00	30.69 1.49 0.00	30.00 1.05 0.00	29.90 0.81 0.00	16.68 0.45 0.00	22.62 0.67 0.00	31.15 1.02 0.00	30.25 0.94 0.00	32.77 1.01 0.00	36.43 1.30 0.00	36.93 1.38 0.00	52.46 1.77 -8.57	52.94 1.99 -9.89	52.56 2.06 -8.26	52.87 2.30 0.00	48.51 2.05 0.88	41.88 1.79 0.00	39.04 1.54 0.00
HUNTINGTON_RES_REC 323705	35.78 2.41 -1.14	27.05 1.69 -3.92	28.81 0.80 -18.19	27.84 0.78 -16.66	28.66 1.91 0.00	29.39 2.04 0.00	31.00 2.20 0.00	31.49 2.30 0.00	30.99 2.05 0.00	31.17 2.08 0.01	16.86 1.26 0.63	23.95 1.82 -0.17	32.60 2.62 0.15	32.47 2.73 -0.44	35.59 3.23 -0.60	42.50 3.85 -3.53	41.34 3.96 -1.83	63.04 4.45 -16.48	64.23 4.16 -19.02	61.84 3.74 -15.87	53.91 3.33 0.00	49.96 2.62 0.00	43.08 3.00 0.00	39.95 2.45 0.00
HUNTLEY___63 23557	30.29 -1.93 0.00	20.72 -1.30 -0.58	11.98 -0.52 -2.68	12.30 -0.55 -2.45	25.30 -1.46 0.00	25.75 -1.60 0.00	27.07 -1.73 0.00	27.73 -1.47 0.00	27.69 -1.25 0.00	27.92 -1.18 0.00	15.65 -0.58 0.00	21.10 -0.86 0.00	28.72 -1.41 0.00	28.12 -1.18 0.00	30.51 -1.25 0.00	33.08 -2.04 0.00	32.31 -2.40 0.84	24.68 -3.01 14.43	23.93 -3.17 13.96	31.69 -2.95 7.60	46.05 -3.80 0.72	42.02 -3.50 1.83	34.70 -3.17 2.22	34.99 -2.52 0.00
HUNTLEY___64 23558	30.29 -1.93 0.00	20.72 -1.30 -0.58	11.98 -0.52 -2.68	12.30 -0.55 -2.45	25.30 -1.46 0.00	25.75 -1.60 0.00	27.07 -1.73 0.00	27.73 -1.47 0.00	27.69 -1.25 0.00	27.92 -1.18 0.00	15.65 -0.58 0.00	21.10 -0.86 0.00	28.72 -1.41 0.00	28.12 -1.18 0.00	30.51 -1.25 0.00	33.08 -2.04 0.00	32.31 -2.40 0.84	24.68 -3.01 14.43	23.93 -3.17 13.96	31.69 -2.95 7.60	46.05 -3.80 0.72	42.02 -3.50 1.83	34.70 -3.17 2.22	34.99 -2.52 0.00
HUNTLEY___65 23559	30.29 -1.93 0.00	20.72 -1.30 -0.58	11.98 -0.52 -2.68	12.30 -0.55 -2.45	25.30 -1.46 0.00	25.75 -1.60 0.00	27.07 -1.73 0.00	27.73 -1.47 0.00	27.69 -1.25 0.00	27.92 -1.18 0.00	15.65 -0.58 0.00	21.10 -0.86 0.00	28.72 -1.41 0.00	28.12 -1.18 0.00	30.51 -1.25 0.00	33.08 -2.04 0.00	32.31 -2.40 0.84	24.68 -3.01 14.43	23.93 -3.17 13.96	31.69 -2.95 7.60	46.05 -3.80 0.72	42.02 -3.50 1.83	34.70 -3.17 2.22	34.99 -2.52 0.00
HUNTLEY___66 23560	30.29 -1.93 0.00	20.72 -1.30 -0.58	11.98 -0.52 -2.68	12.30 -0.55 -2.45	25.30 -1.46 0.00	25.75 -1.60 0.00	27.07 -1.73 0.00	27.73 -1.47 0.00	27.69 -1.25 0.00	27.92 -1.18 0.00	15.65 -0.58 0.00	21.10 -0.86 0.00	28.72 -1.41 0.00	28.12 -1.18 0.00	30.51 -1.25 0.00	33.08 -2.04 0.00	32.31 -2.40 0.84	24.68 -3.01 14.43	23.93 -3.17 13.96	31.69 -2.95 7.60	46.05 -3.80 0.72	42.02 -3.50 1.83	34.70 -3.17 2.22	34.99 -2.52 0.00
HUNTLEY___67 23561	30.12 -2.11 0.00	20.63 -1.40 -0.59	11.97 -0.57 -2.72	12.27 -0.61 -2.49	25.15 -1.60 0.00	25.63 -1.72 0.00	26.96 -1.84 0.00	27.61 -1.59 0.00	27.60 -1.34 0.00	27.83 -1.26 0.00	15.57 -0.66 0.00	20.99 -0.96 0.00	28.66 -1.47 0.00	28.02 -1.28 0.00	30.40 -1.36 0.00	32.99 -2.13 0.00	32.14 -2.48 0.94	22.85 -3.17 16.09	22.36 -3.35 15.34	30.76 -3.13 8.35	45.90 -3.87 0.81	41.73 -3.57 2.04	34.36 -3.28 2.45	34.86 -2.65 0.00

HUNTLEY___68 23562	30.12 -2.11 0.00	20.63 -1.40 -0.59	11.97 -0.57 -2.72	12.27 -0.61 -2.49	25.15 -1.60 0.00	25.63 -1.72 0.00	26.96 -1.84 0.00	27.61 -1.59 0.00	27.60 -1.34 0.00	27.83 -1.26 0.00	15.57 -0.66 0.00	20.99 -0.96 0.00	28.66 -1.47 0.00	28.02 -1.28 0.00	30.40 -1.36 0.00	32.99 -2.13 0.00	32.14 -2.48 0.94	22.85 -3.17 16.09	22.36 -3.35 15.34	30.76 -3.13 8.35	45.90 -3.87 0.81	41.73 -3.57 2.04	34.36 -3.28 2.45	34.86 -2.65 0.00
HYLAND___LFGE 323620	32.81 0.58 0.00	22.35 0.26 -0.65	12.99 0.16 -3.00	13.24 0.09 -2.75	27.01 0.26 0.00	27.63 0.28 0.00	29.20 0.40 0.00	29.15 -0.04 0.00	28.55 -0.39 0.00	28.73 -0.36 0.00	16.07 -0.16 0.00	21.67 -0.28 0.00	29.59 -0.54 0.00	28.64 -0.66 0.00	31.29 -0.47 0.00	34.50 -0.62 0.00	36.45 -2.15 -3.06	91.51 -2.86 -52.25	89.33 -3.49 -51.77	68.45 -1.93 -28.14	51.62 -1.58 -2.62	52.57 -1.40 -6.62	46.75 -1.52 -8.17	38.56 1.05 0.00
INDECK___CORINTH 23802	34.29 2.07 0.00	27.81 1.38 -4.99	33.66 0.67 -23.16	32.32 0.70 -21.22	28.57 1.81 0.00	29.31 1.96 0.00	30.90 2.10 0.00	31.20 2.00 0.00	30.56 1.62 0.00	30.37 1.28 0.00	16.88 0.66 0.00	22.92 0.97 0.00	31.64 1.51 0.00	30.74 1.44 0.00	33.42 1.65 0.00	37.27 2.15 0.00	37.81 2.26 0.00	52.14 2.99 -7.04	52.13 2.95 -8.12	52.14 3.12 -6.78	54.10 3.52 0.00	51.22 3.42 -0.46	42.95 2.86 0.00	40.23 2.73 0.00
INDECK___ILION 23567	34.21 1.98 0.00	22.96 1.51 0.00	10.52 0.69 0.00	11.08 0.69 0.00	28.46 1.71 0.00	29.07 1.73 0.00	30.42 1.62 0.00	30.29 1.09 0.00	29.32 0.37 0.00	28.92 -0.17 0.00	16.19 -0.04 0.00	21.97 0.02 0.00	30.20 0.07 0.00	29.25 -0.05 0.00	31.77 0.01 0.00	35.28 0.16 0.00	35.76 0.20 0.00	42.53 0.41 0.00	41.72 0.66 0.00	43.09 0.85 0.00	51.54 0.96 0.00	48.20 0.86 0.00	40.91 0.83 0.00	38.20 0.70 0.00
INDECK___OLEAN 23982	30.71 -1.52 0.00	21.11 -1.02 -0.68	12.59 -0.41 -3.17	12.84 -0.46 -2.90	25.64 -1.12 0.00	26.18 -1.17 0.00	27.67 -1.13 0.00	28.21 -0.98 0.00	28.18 -0.76 0.00	28.28 -0.82 0.00	15.79 -0.44 0.00	21.34 -0.61 0.00	29.32 -0.82 0.00	28.67 -0.63 0.00	30.98 -0.78 0.00	33.74 -1.38 0.00	33.24 -1.48 0.83	26.25 -1.67 14.20	25.67 -1.62 13.76	33.28 -1.48 7.49	47.47 -2.39 0.71	43.12 -2.43 1.80	35.87 -2.03 2.19	35.80 -1.70 0.00
INDECK___OSWEGO 23783	31.39 -0.84 0.00	21.20 -0.55 -0.30	10.99 -0.24 -1.41	11.43 -0.25 -1.29	26.10 -0.65 0.00	26.71 -0.64 0.00	28.09 -0.70 0.00	28.39 -0.80 0.00	28.12 -0.83 0.00	28.21 -0.88 0.00	15.75 -0.48 0.00	21.27 -0.68 0.00	29.06 -1.07 0.00	28.25 -1.05 0.00	30.59 -1.17 0.00	33.59 -1.53 0.00	33.95 -1.60 0.00	40.33 -1.79 0.00	40.71 -1.71 -1.36	44.58 -1.58 -3.92	55.47 -1.93 -6.83	49.36 -1.92 -3.94	39.65 -1.47 -1.03	36.32 -1.19 0.00
INDECK___YERKES 23781	30.32 -1.90 0.00	20.73 -1.29 -0.58	11.99 -0.51 -2.68	12.30 -0.54 -2.45	25.33 -1.43 0.00	25.77 -1.58 0.00	27.10 -1.70 0.00	27.75 -1.44 0.00	27.72 -1.23 0.00	27.94 -1.15 0.00	15.67 -0.56 0.00	21.12 -0.83 0.00	28.75 -1.38 0.00	28.18 -1.12 0.00	30.56 -1.20 0.00	33.13 -1.99 0.00	32.36 -2.34 0.84	24.81 -2.88 14.43	24.06 -3.04 13.96	31.77 -2.87 7.60	46.08 -3.77 0.72	42.07 -3.44 1.83	34.73 -3.14 2.22	35.02 -2.48 0.00
INDIAN POINT_GT_1 24139	33.83 1.61 0.00	26.48 1.16 -3.87	28.34 0.52 -17.99	27.41 0.53 -16.48	28.05 1.30 0.00	28.70 1.36 0.00	30.29 1.49 0.00	30.84 1.65 0.00	30.51 1.57 0.00	30.61 1.52 0.00	17.13 0.90 0.00	23.28 1.33 0.00	32.09 1.96 0.00	31.30 2.00 0.00	34.11 2.35 0.00	38.02 2.90 0.00	38.55 3.00 0.00	62.26 3.72 -16.42	63.54 3.53 -18.95	61.42 3.37 -15.81	53.56 2.99 0.00	49.72 2.37 0.00	42.46 2.37 0.00	39.51 2.00 0.00
INDIAN POINT_GT_2 23659	33.83 1.61 0.00	26.48 1.16 -3.87	28.34 0.52 -17.99	27.41 0.53 -16.48	28.05 1.30 0.00	28.70 1.36 0.00	30.29 1.49 0.00	30.84 1.65 0.00	30.51 1.57 0.00	30.61 1.52 0.00	17.13 0.90 0.00	23.28 1.33 0.00	32.09 1.96 0.00	31.30 2.00 0.00	34.11 2.35 0.00	38.02 2.90 0.00	38.55 3.00 0.00	62.26 3.72 -16.42	63.54 3.53 -18.95	61.42 3.37 -15.81	53.56 2.99 0.00	49.72 2.37 0.00	42.46 2.37 0.00	39.51 2.00 0.00
INDIAN POINT_GT_3 24019	33.83 1.61 0.00	26.48 1.16 -3.87	28.34 0.52 -17.99	27.41 0.53 -16.48	28.05 1.30 0.00	28.70 1.36 0.00	30.29 1.49 0.00	30.84 1.65 0.00	30.51 1.57 0.00	30.61 1.52 0.00	17.13 0.90 0.00	23.28 1.33 0.00	32.09 1.96 0.00	31.30 2.00 0.00	34.11 2.35 0.00	38.02 2.90 0.00	38.55 3.00 0.00	62.26 3.72 -16.42	63.54 3.53 -18.95	61.42 3.37 -15.81	53.56 2.99 0.00	49.72 2.37 0.00	42.46 2.37 0.00	39.51 2.00 0.00
INDIAN POINT___2 23530	33.80 1.57 0.00	26.40 1.14 -3.82	28.08 0.51 -17.73	27.16 0.52 -16.25	28.02 1.27 0.00	28.67 1.32 0.00	30.25 1.46 0.00	30.80 1.60 0.00	30.48 1.53 0.00	30.58 1.49 0.00	17.11 0.89 0.00	23.26 1.31 0.00	32.07 1.94 0.00	31.27 1.97 0.00	34.08 2.32 0.00	38.00 2.87 0.00	38.52 2.97 0.00	62.13 3.68 -16.34	63.41 3.49 -18.86	61.30 3.33 -15.74	53.53 2.95 0.00	49.69 2.35 0.00	42.42 2.34 0.00	39.47 1.97 0.00
INDIAN POINT___3 23531	33.82 1.60 0.00	26.47 1.15 -3.87	28.35 0.52 -18.00	27.41 0.52 -16.49	28.04 1.29 0.00	28.69 1.34 0.00	30.26 1.47 0.00	30.82 1.62 0.00	30.49 1.55 0.00	30.59 1.50 0.00	17.12 0.89 0.00	23.28 1.33 0.00	32.08 1.95 0.00	31.28 1.98 0.00	34.08 2.32 0.00	37.99 2.87 0.00	38.52 2.97 0.00	62.22 3.68 -16.42	63.50 3.49 -18.95	61.38 3.33 -15.82	53.53 2.95 0.00	49.70 2.36 0.00	42.44 2.35 0.00	39.48 1.98 0.00
INDIANHDD_69_KV_BK1 55831	35.88 2.52 -1.14	27.11 1.75 -3.92	28.84 0.82 -18.19	27.86 0.81 -16.66	28.73 1.98 0.00	29.46 2.12 0.00	31.09 2.29 0.00	31.59 2.40 0.00	31.08 2.13 0.00	31.23 2.14 0.01	16.89 1.29 0.63	23.99 1.87 -0.17	32.65 2.67 0.15	32.54 2.80 -0.44	35.69 3.33 -0.60	42.63 3.98 -3.53	41.49 4.11 -1.83	63.25 4.66 -16.48	64.43 4.35 -19.02	62.03 3.93 -15.87	54.11 3.54 0.00	50.14 2.79 0.00	43.22 3.13 0.00	40.06 2.56 0.00
INGHAM_C_115KV_TB7 356103	34.21 1.98 0.00	22.96 1.51 0.00	10.52 0.69 0.00	11.08 0.69 0.00	28.46 1.71 0.00	29.07 1.73 0.00	30.42 1.62 0.00	30.29 1.09 0.00	29.32 0.37 0.00	28.92 -0.17 0.00	16.13 -0.10 0.00	21.88 -0.08 0.00	30.13 0.00 0.00	29.06 -0.23 0.00	31.62 -0.15 0.00	35.28 0.16 0.00	35.75 0.20 0.00	42.69 0.58 0.00	42.20 1.14 0.00	43.80 1.56 0.00	52.44 1.86 0.00	49.07 1.73 0.00	41.75 1.66 0.00	38.90 1.40 0.00
IP CORINTH___1 23988	34.29 2.07 0.00	27.81 1.38 -4.99	33.66 0.67 -23.16	32.32 0.70 -21.22	28.57 1.81 0.00	29.31 1.96 0.00	30.90 2.10 0.00	31.20 2.00 0.00	30.56 1.62 0.00	30.37 1.28 0.00	16.88 0.66 0.00	22.92 0.97 0.00	31.64 1.51 0.00	30.74 1.44 0.00	33.41 1.65 0.00	37.28 2.16 0.00	37.81 2.26 0.00	52.14 2.99 -7.04	52.13 2.95 -8.12	52.14 3.12 -6.78	54.10 3.52 0.00	51.23 3.42 -0.46	42.95 2.86 0.00	40.23 2.73 0.00

IP__TICONDEROGA 23804	35.36 3.13 0.00	28.47 2.05 -4.98	33.94 0.98 -23.14	32.64 1.05 -21.19	29.54 2.79 0.00	30.62 3.28 0.00	32.40 3.60 0.00	32.50 3.30 0.00	31.51 2.57 0.00	31.01 1.92 0.00	17.08 0.85 0.00	23.33 1.38 0.00	32.39 2.26 0.00	31.28 1.98 0.00	33.92 2.15 0.00	38.10 2.97 0.00	38.85 3.30 0.00	53.73 4.37 -7.25	53.92 4.49 -8.36	53.84 4.62 -6.98	56.27 5.70 0.00	53.32 5.50 -0.48	44.72 4.63 0.00	42.13 4.63 0.00
ISLIP_RES_REC 323679	36.08 2.72 -1.14	27.24 1.88 -3.92	28.89 0.88 -18.19	27.92 0.87 -16.66	28.89 2.14 0.00	29.64 2.29 0.00	31.30 2.50 0.00	31.79 2.59 0.00	31.25 2.31 0.00	31.38 2.29 0.01	16.95 1.36 0.63	24.09 1.97 -0.17	32.79 2.81 0.15	32.66 2.92 -0.44	35.81 3.45 -0.60	42.75 4.10 -3.53	41.67 4.29 -1.83	63.47 4.88 -16.48	64.62 4.55 -19.02	62.26 4.15 -15.87	54.39 3.81 0.00	50.39 3.05 0.00	43.44 3.35 0.00	40.19 2.69 0.00
JAMAICA__27_KV_LOAD 355505	34.14 1.92 0.00	26.81 1.45 -3.91	28.66 0.66 -18.18	27.71 0.66 -16.65	28.41 1.66 0.00	29.10 1.75 0.00	30.68 1.89 0.00	31.25 2.06 0.00	30.97 2.03 0.00	21.32 1.98 9.76	-115.92 1.06 133.22	10.30 1.55 13.20	41.11 2.29 -8.69	50.40 2.32 -18.78	55.10 2.72 -20.62	56.22 3.30 -17.80	56.58 3.39 -17.64	62.76 4.16 -16.49	63.91 3.83 -19.01	61.82 3.71 -15.87	53.83 3.26 0.00	50.06 2.72 0.00	42.93 2.84 0.00	39.81 2.31 0.00
JANIS__SOLAR 323808	33.27 1.04 0.00	23.16 0.64 -1.07	15.13 0.33 -4.98	15.27 0.32 -4.56	27.54 0.79 0.00	28.23 0.88 0.00	29.77 0.97 0.00	29.91 0.72 0.00	29.22 0.27 0.00	29.08 -0.02 0.00	16.17 -0.06 0.00	21.79 -0.17 0.00	29.80 -0.33 0.00	28.99 -0.31 0.00	31.46 -0.30 0.00	34.66 -0.46 0.00	35.64 -0.20 -0.28	48.02 0.30 -5.61	48.26 1.21 -5.99	48.27 1.84 -4.19	54.64 2.36 -1.71	50.90 2.10 -1.46	42.68 1.60 -0.98	38.84 1.34 0.00
JARVIS____ 23743	32.39 0.16 0.00	21.58 0.13 0.00	9.89 0.06 0.00	10.46 0.06 0.00	26.92 0.16 0.00	27.51 0.16 0.00	28.95 0.15 0.00	29.33 0.14 0.00	29.03 0.09 0.00	29.12 0.03 0.00	16.25 0.02 0.00	22.00 0.04 0.00	30.19 0.06 0.00	29.33 0.03 0.00	31.83 0.06 0.00	35.23 0.11 0.00	35.66 0.11 0.00	42.29 0.18 0.00	41.26 0.21 0.00	42.45 0.21 0.00	50.74 0.16 0.00	47.45 0.11 0.00	40.25 0.16 0.00	37.65 0.15 0.00
JENNISON__1 23625	33.42 1.19 0.00	23.60 0.77 -1.38	16.64 0.39 -6.42	16.66 0.39 -5.88	27.72 0.97 0.00	28.38 1.04 0.00	29.85 1.06 0.00	30.09 0.89 0.00	29.58 0.63 0.00	29.49 0.40 0.00	16.49 0.26 0.00	22.30 0.34 0.00	30.57 0.44 0.00	29.73 0.43 0.00	32.15 0.38 0.00	35.54 0.41 0.00	36.31 0.61 -0.15	46.87 1.14 -3.63	46.75 1.70 -3.99	47.38 2.14 -3.01	54.32 2.56 -1.18	50.55 2.28 -0.93	42.48 1.83 -0.56	39.01 1.51 0.00
JENNISON__2 23626	33.42 1.19 0.00	23.60 0.77 -1.38	16.64 0.39 -6.42	16.66 0.39 -5.88	27.72 0.97 0.00	28.38 1.04 0.00	29.85 1.06 0.00	30.09 0.89 0.00	29.58 0.63 0.00	29.49 0.40 0.00	16.49 0.26 0.00	22.30 0.34 0.00	30.57 0.44 0.00	29.73 0.43 0.00	32.15 0.38 0.00	35.54 0.41 0.00	36.31 0.61 -0.15	46.87 1.14 -3.63	46.75 1.70 -3.99	47.38 2.14 -3.01	54.32 2.56 -1.18	50.55 2.28 -0.93	42.48 1.83 -0.56	39.01 1.51 0.00
JERICHO_RISE_WT_PWR 323719	31.51 -0.72 0.00	20.92 -0.53 0.00	9.59 -0.24 0.00	10.17 -0.23 0.00	26.17 -0.58 0.00	26.76 -0.58 0.00	28.27 -0.52 0.00	28.82 -0.37 0.00	28.62 -0.32 0.00	28.91 -0.18 0.00	16.02 -0.21 0.00	21.56 -0.39 0.00	29.60 -0.53 0.00	28.77 -0.53 0.00	31.18 -0.58 0.00	34.53 -0.59 0.00	34.93 -0.62 0.00	41.20 -0.91 0.00	40.22 -0.84 0.00	41.55 -0.69 0.00	50.17 -0.40 0.00	46.98 -0.37 0.00	39.48 -0.61 0.00	36.89 -0.61 0.00
KATONAH__115KV_46KV_TB4 355592	33.99 1.76 0.00	26.67 1.26 -3.96	28.82 0.57 -18.42	27.85 0.58 -16.87	28.17 1.42 0.00	28.84 1.49 0.00	30.43 1.64 0.00	30.99 1.80 0.00	30.66 1.72 0.00	30.76 1.67 0.00	17.21 0.98 0.00	23.39 1.44 0.00	32.25 2.12 0.00	31.45 2.14 0.00	34.28 2.52 0.00	38.20 3.07 0.00	38.73 3.18 0.00	62.57 3.93 -16.53	63.88 3.75 -19.07	61.74 3.59 -15.92	53.84 3.26 0.00	49.99 2.65 0.00	42.66 2.57 0.00	39.68 2.18 0.00
KCE_NY_1 323755	34.02 1.79 0.00	27.67 1.25 -4.98	33.52 0.59 -23.11	32.18 0.62 -21.17	28.33 1.57 0.00	28.98 1.64 0.00	30.52 1.72 0.00	30.84 1.65 0.00	30.31 1.37 0.00	30.22 1.13 0.00	16.82 0.59 0.00	22.81 0.86 0.00	31.43 1.30 0.00	30.56 1.26 0.00	33.21 1.45 0.00	36.94 1.82 0.00	37.42 1.87 0.00	52.00 2.42 -7.47	52.17 2.49 -8.62	52.06 2.63 -7.19	53.60 3.03 0.00	50.58 2.73 -0.50	42.43 2.34 0.00	39.65 2.15 0.00
KCE_NY_6_ESR 323823	30.57 -1.66 0.00	20.92 -1.14 -0.61	12.23 -0.45 -2.85	12.51 -0.49 -2.61	25.45 -1.30 0.00	25.98 -1.37 0.00	27.36 -1.43 0.00	27.98 -1.22 0.00	27.97 -0.97 0.00	28.15 -0.94 0.00	15.78 -0.45 0.00	21.27 -0.68 0.00	29.01 -1.12 0.00	28.44 -0.86 0.00	30.83 -0.93 0.00	33.49 -1.63 0.00	32.61 -1.92 1.02	22.34 -2.43 17.34	21.70 -2.58 16.78	30.72 -2.39 9.13	46.65 -3.06 0.87	42.33 -2.82 2.20	34.78 -2.64 2.66	35.38 -2.12 0.00
KEDC_PORT_JEFF_GT2 24210	35.94 2.58 -1.13	27.15 1.79 -3.92	28.86 0.84 -18.19	27.88 0.83 -16.66	28.78 2.03 0.00	29.52 2.17 0.00	31.17 2.37 0.00	31.65 2.45 0.00	31.11 2.17 0.00	31.25 2.16 0.01	16.88 1.28 0.63	23.98 1.85 -0.17	32.64 2.66 0.15	32.51 2.77 -0.44	35.64 3.27 -0.60	42.57 3.92 -3.53	41.45 4.07 -1.83	63.21 4.62 -16.48	64.39 4.31 -19.02	62.01 3.91 -15.87	54.09 3.51 0.00	50.13 2.79 0.00	43.23 3.15 0.00	40.03 2.53 0.00
KEDC_PORT_JEFF_GT3 24211	35.94 2.58 -1.13	27.15 1.79 -3.92	28.86 0.84 -18.19	27.88 0.83 -16.66	28.78 2.03 0.00	29.52 2.17 0.00	31.17 2.37 0.00	31.65 2.45 0.00	31.11 2.17 0.00	31.25 2.16 0.01	16.88 1.28 0.63	23.98 1.85 -0.17	32.64 2.66 0.15	32.51 2.77 -0.44	35.64 3.27 -0.60	42.57 3.92 -3.53	41.45 4.07 -1.83	63.21 4.62 -16.48	64.39 4.31 -19.02	62.01 3.91 -15.87	54.09 3.51 0.00	50.13 2.79 0.00	43.23 3.15 0.00	40.03 2.53 0.00
KEDC_GLWD_GT4 24219	36.14 2.11 -1.80	26.85 1.49 -3.92	28.69 0.68 -18.19	27.73 0.68 -16.66	28.42 1.67 0.00	29.10 1.75 0.00	30.72 1.92 0.00	31.27 2.07 0.00	30.90 1.96 0.00	31.05 1.96 0.01	16.82 1.22 0.63	23.91 1.79 -0.17	32.58 2.60 0.15	32.38 2.64 -0.44	35.41 3.05 -0.60	42.27 3.62 -3.53	40.89 3.51 -1.83	62.73 4.14 -16.48	63.93 3.86 -19.02	61.72 3.61 -15.87	53.79 3.22 0.00	49.93 2.59 0.00	43.01 2.93 0.00	39.97 2.46 0.00
KEDC_GLWD_GT5 24220	36.14 2.11 -1.80	26.85 1.49 -3.92	28.69 0.68 -18.19	27.73 0.68 -16.66	28.42 1.67 0.00	29.10 1.75 0.00	30.72 1.92 0.00	31.27 2.07 0.00	30.90 1.96 0.00	31.05 1.96 0.01	16.82 1.22 0.63	23.91 1.79 -0.17	32.58 2.60 0.15	32.38 2.64 -0.44	35.41 3.05 -0.60	42.27 3.62 -3.53	40.89 3.51 -1.83	62.73 4.14 -16.48	63.93 3.86 -19.02	61.72 3.61 -15.87	53.79 3.22 0.00	49.93 2.59 0.00	43.01 2.93 0.00	39.97 2.46 0.00

KENSICO____ 23655	33.93 1.70 0.00	26.59 1.24 -3.91	28.53 0.56 -18.14	27.58 0.57 -16.62	28.15 1.39 0.00	28.80 1.45 0.00	30.39 1.59 0.00	30.95 1.75 0.00	30.62 1.68 0.00	30.73 1.63 0.00	17.48 0.96 -0.29	23.56 1.42 -0.19	32.39 2.08 -0.18	31.80 2.11 -0.38	34.66 2.48 -0.42	38.50 3.02 -0.36	39.02 3.11 -0.36	62.42 3.84 -16.47	63.69 3.63 -19.00	61.56 3.47 -15.86	53.68 3.10 0.00	49.84 2.50 0.00	42.58 2.49 0.00	39.61 2.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.95 1.72 0.00	26.36 1.20 -3.71	27.61 0.54 -17.24	26.73 0.55 -15.79	28.09 1.34 0.00	28.76 1.41 0.00	30.37 1.57 0.00	30.96 1.77 0.00	30.57 1.62 0.00	30.58 1.49 0.00	17.09 0.86 0.00	23.20 1.25 0.00	31.97 1.84 0.00	31.19 1.89 0.00	34.02 2.26 0.00	37.96 2.84 0.00	38.62 3.07 0.00	58.54 3.95 -12.47	59.40 3.95 -14.39	58.14 3.89 -12.01	54.24 3.66 0.00	50.23 2.98 0.09	42.82 2.73 0.00	39.78 2.28 0.00
KIAC_JFK_GT1 23816	33.90 1.68 0.00	26.66 1.30 -3.91	28.60 0.59 -18.18	27.64 0.59 -16.65	28.23 1.49 0.00	28.91 1.56 0.00	30.48 1.68 0.00	31.05 1.85 0.00	30.76 1.82 0.00	21.11 1.77 9.76	-116.04 0.95 133.22	10.14 1.39 13.20	40.90 2.07 -8.69	50.17 2.10 -18.78	54.85 2.47 -20.62	55.95 3.03 -17.80	56.26 3.08 -17.64	62.27 3.67 -16.49	63.43 3.36 -19.01	61.32 3.21 -15.87	53.25 2.68 0.00	49.68 2.33 0.00	42.60 2.51 0.00	39.52 2.02 0.00
KIAC_JFK_GT2 23817	33.90 1.68 0.00	26.66 1.30 -3.91	28.60 0.59 -18.18	27.64 0.59 -16.65	28.23 1.49 0.00	28.91 1.56 0.00	30.48 1.68 0.00	31.05 1.85 0.00	30.76 1.82 0.00	21.11 1.77 9.76	-116.04 0.95 133.22	10.14 1.39 13.20	40.90 2.07 -8.69	50.17 2.10 -18.78	54.85 2.47 -20.62	55.95 3.03 -17.80	56.26 3.08 -17.64	62.27 3.67 -16.49	63.43 3.36 -19.01	61.32 3.21 -15.87	53.25 2.68 0.00	49.68 2.33 0.00	42.60 2.51 0.00	39.52 2.02 0.00
KIAC_JFK____ 323774	33.90 1.67 0.00	26.66 1.31 -3.91	28.60 0.59 -18.18	27.64 0.59 -16.65	28.23 1.49 0.00	28.91 1.56 0.00	30.48 1.68 0.00	31.05 1.85 0.00	30.76 1.82 0.00	21.11 1.77 9.76	-116.04 0.95 133.22	10.14 1.39 13.20	40.90 2.07 -8.69	50.17 2.10 -18.78	54.85 2.47 -20.62	55.95 3.03 -17.80	56.26 3.08 -17.64	62.26 3.66 -16.49	63.43 3.35 -19.01	61.32 3.21 -15.87	53.25 2.67 0.00	49.67 2.33 0.00	42.60 2.51 0.00	39.52 2.02 0.00
KINTIGH_24_KV_GSU 356498	30.26 -1.97 0.00	20.63 -1.32 -0.50	11.63 -0.53 -2.34	11.97 -0.56 -2.14	25.25 -1.50 0.00	25.74 -1.61 0.00	27.09 -1.71 0.00	27.69 -1.50 0.00	27.64 -1.31 0.00	27.85 -1.24 0.00	15.57 -0.66 0.00	21.01 -0.95 0.00	28.70 -1.43 0.00	28.06 -1.25 0.00	30.44 -1.32 0.00	33.10 -2.03 0.00	32.71 -2.32 0.52	30.27 -2.92 8.93	29.05 -3.07 8.93	34.49 -2.89 4.85	46.52 -3.61 0.45	42.88 -3.34 1.13	35.61 -3.07 1.41	35.01 -2.49 0.00
KINTIGH____ 23543	30.24 -1.99 0.00	20.64 -1.31 -0.50	11.62 -0.54 -2.34	11.96 -0.57 -2.14	25.24 -1.51 0.00	25.73 -1.62 0.00	27.07 -1.73 0.00	27.68 -1.51 0.00	27.62 -1.33 0.00	27.83 -1.26 0.00	15.55 -0.67 0.00	20.99 -0.96 0.00	28.68 -1.45 0.00	28.02 -1.28 0.00	30.40 -1.36 0.00	33.05 -2.07 0.00	32.68 -2.35 0.52	30.17 -3.02 8.93	28.96 -3.17 8.93	34.43 -2.95 4.85	46.50 -3.63 0.45	42.84 -3.38 1.13	35.60 -3.08 1.41	34.98 -2.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.05 -0.17 0.00	21.28 -0.17 0.00	9.75 -0.08 0.00	10.31 -0.08 0.00	26.56 -0.20 0.00	27.19 -0.16 0.00	28.72 -0.07 0.00	29.13 -0.07 0.00	28.77 -0.17 0.00	29.02 -0.07 0.00	16.10 -0.13 0.00	21.74 -0.21 0.00	29.80 -0.33 0.00	28.93 -0.37 0.00	31.36 -0.40 0.00	34.81 -0.32 0.00	35.19 -0.36 0.00	41.60 -0.52 0.00	40.83 -0.22 0.00	42.24 0.01 0.00	51.12 0.54 0.00	47.88 0.53 0.00	40.28 0.19 0.00	37.63 0.13 0.00
LACHUTE____HYDRO 323717	35.36 3.13 0.00	28.47 2.04 -4.98	33.94 0.98 -23.14	32.64 1.05 -21.19	29.54 2.79 0.00	30.62 3.27 0.00	32.40 3.60 0.00	32.50 3.30 0.00	31.51 2.57 0.00	31.01 1.92 0.00	17.08 0.85 0.00	23.33 1.38 0.00	32.39 2.26 0.00	31.28 1.98 0.00	33.92 2.15 0.00	38.10 2.97 0.00	38.85 3.30 0.00	53.73 4.37 -7.25	53.92 4.50 -8.36	53.84 4.62 -6.98	56.27 5.70 0.00	53.32 5.50 -0.48	44.72 4.63 0.00	42.13 4.63 0.00
LAWRNCV_115KV_TB1 80681	31.47 -0.76 0.00	20.89 -0.56 0.00	9.57 -0.26 0.00	10.14 -0.25 0.00	26.16 -0.59 0.00	26.75 -0.59 0.00	28.25 -0.55 0.00	28.58 -0.61 0.00	28.35 -0.59 0.00	28.67 -0.43 0.00	15.90 -0.33 0.00	21.25 -0.70 0.00	29.42 -0.71 0.00	28.72 -0.58 0.00	31.07 -0.69 0.00	34.00 -1.12 0.00	34.19 -1.36 0.00	40.52 -1.59 0.00	39.40 -1.66 0.00	40.91 -1.33 0.00	49.54 -1.04 0.00	46.45 -0.89 0.00	39.20 -0.89 0.00	36.68 -0.82 0.00
LEDERLE____ 23769	33.97 1.74 0.00	26.45 1.23 -3.78	27.92 0.55 -17.54	27.02 0.56 -16.06	28.13 1.38 0.00	28.78 1.43 0.00	30.38 1.58 0.00	30.94 1.74 0.00	30.62 1.68 0.00	30.75 1.65 0.00	17.21 0.98 0.00	23.41 1.46 0.00	32.28 2.15 0.00	31.49 2.19 0.00	34.34 2.58 0.00	38.31 3.18 0.00	38.86 3.31 0.00	62.49 4.10 -16.28	63.75 3.90 -18.78	61.63 3.72 -15.67	53.96 3.39 0.00	50.06 2.72 0.00	42.70 2.61 0.00	39.70 2.20 0.00
LIGHTHSE_115KV_TB6 355974	31.37 -0.85 0.00	21.14 -0.59 -0.28	10.88 -0.25 -1.31	11.36 -0.23 -1.20	26.23 -0.52 0.00	26.88 -0.46 0.00	28.29 -0.51 0.00	28.44 -0.75 0.00	28.16 -0.78 0.00	28.27 -0.82 0.00	15.75 -0.48 0.00	21.21 -0.75 0.00	28.98 -1.15 0.00	28.27 -1.03 0.00	30.66 -1.10 0.00	33.63 -1.50 0.00	33.99 -1.56 0.00	40.73 -1.38 0.00	40.44 -1.30 -0.68	43.34 -0.87 -1.97	53.10 -0.91 -3.44	48.07 -1.26 -1.98	39.47 -1.13 -0.52	36.46 -1.04 0.00
LINDEN COGEN____ 23786	33.87 1.65 0.00	26.61 1.25 -3.91	28.57 0.56 -18.18	27.62 0.57 -16.65	28.16 1.41 0.00	28.82 1.47 0.00	30.42 1.62 0.00	31.02 1.82 0.00	30.73 1.79 0.00	31.03 1.77 -0.17	31.47 1.04 -14.21	32.94 1.51 -9.48	41.03 2.20 -8.69	50.30 2.22 -18.78	54.97 2.59 -20.62	56.07 3.16 -17.80	56.45 3.26 -17.64	62.62 4.01 -16.49	63.77 3.70 -19.01	61.67 3.56 -15.87	53.58 3.00 0.00	49.73 2.39 0.00	42.57 2.48 0.00	39.49 1.99 0.00
LINDHRST_69_KV_BK1 356055	36.26 2.74 -1.29	27.23 1.87 -3.92	28.88 0.87 -18.19	27.91 0.86 -16.66	28.84 2.09 0.00	29.57 2.22 0.00	31.22 2.42 0.00	31.77 2.58 0.00	31.29 2.34 0.00	31.44 2.35 0.01	17.02 1.42 0.63	24.22 2.10 -0.17	32.98 3.00 0.15	32.81 3.07 -0.44	35.93 3.57 -0.60	42.88 4.22 -3.53	41.74 4.36 -1.83	63.52 4.93 -16.48	64.67 4.60 -19.02	62.36 4.26 -15.87	54.50 3.93 0.00	50.57 3.22 0.00	43.58 3.49 0.00	40.44 2.94 0.00
LIPA_MISC_IPP 23656	35.90 2.55 -1.13	27.13 1.77 -3.92	28.84 0.83 -18.19	27.86 0.81 -16.66	28.76 2.01 0.00	29.50 2.16 0.00	31.15 2.35 0.00	31.62 2.42 0.00	31.03 2.08 0.00	31.15 2.07 0.01	16.83 1.23 0.63	23.91 1.79 -0.17	32.51 2.53 0.15	32.37 2.62 -0.44	35.45 3.09 -0.60	42.36 3.71 -3.53	41.26 3.88 -1.83	63.04 4.45 -16.48	64.23 4.16 -19.02	61.87 3.76 -15.87	53.93 3.35 0.00	49.98 2.63 0.00	43.12 3.03 0.00	39.88 2.38 0.00

LISF___SOLAR 323691	35.96 2.61 -1.13	27.17 1.80 -3.92	28.86 0.84 -18.19	27.89 0.83 -16.66	28.80 2.05 0.00	29.55 2.21 0.00	31.21 2.41 0.00	31.67 2.48 0.00	31.06 2.12 0.00	31.18 2.10 0.01	16.84 1.24 0.63	23.92 1.80 -0.17	32.53 2.55 0.15	32.39 2.65 -0.44	35.47 3.11 -0.60	42.39 3.73 -3.53	41.30 3.92 -1.83	63.11 4.52 -16.48	64.30 4.22 -19.02	61.95 3.85 -15.87	54.05 3.47 0.00	50.08 2.74 0.00	43.21 3.12 0.00	39.96 2.45 0.00
LITTLE FALLS___HYD 24013	34.21 1.98 0.00	22.96 1.51 0.00	10.52 0.69 0.00	11.08 0.69 0.00	28.46 1.71 0.00	29.07 1.73 0.00	30.42 1.62 0.00	30.29 1.09 0.00	29.32 0.37 0.00	28.92 -0.17 0.00	16.13 -0.10 0.00	21.88 -0.08 0.00	30.13 0.00 0.00	29.06 -0.23 0.00	31.62 -0.15 0.00	35.28 0.16 0.00	35.75 0.20 0.00	42.69 0.58 0.00	42.20 1.14 0.00	43.80 1.56 0.00	52.44 1.86 0.00	49.07 1.73 0.00	41.75 1.66 0.00	38.90 1.40 0.00
LITTLRIV_115KV_TB1 356100	31.81 -0.41 0.00	21.10 -0.35 0.00	9.67 -0.16 0.00	10.24 -0.15 0.00	26.46 -0.29 0.00	27.05 -0.30 0.00	28.52 -0.28 0.00	28.70 -0.49 0.00	28.41 -0.54 0.00	28.77 -0.32 0.00	15.95 -0.28 0.00	21.31 -0.64 0.00	29.60 -0.53 0.00	28.97 -0.33 0.00	31.25 -0.52 0.00	34.28 -0.84 0.00	34.26 -1.30 0.00	40.91 -1.20 0.00	39.56 -1.50 0.00	41.33 -0.91 0.00	50.14 -0.43 0.00	47.05 -0.29 0.00	39.66 -0.43 0.00	37.09 -0.41 0.00
LI_NEWBRDGE___DRP 323616	35.31 2.03 -1.06	26.79 1.43 -3.91	28.68 0.67 -18.19	27.71 0.66 -16.66	28.35 1.59 0.00	29.04 1.69 0.00	30.64 1.84 0.00	31.17 1.97 0.00	30.73 1.79 0.00	30.90 1.81 0.01	16.75 1.15 0.63	23.81 1.68 -0.17	32.39 2.42 0.15	32.20 2.46 -0.44	35.21 2.85 -0.60	42.03 3.38 -3.53	40.86 3.48 -1.83	62.56 3.97 -16.48	63.78 3.71 -19.02	61.48 3.37 -15.87	53.51 2.94 0.00	49.65 2.31 0.00	42.75 2.66 0.00	39.72 2.22 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.00 -2.22 0.00	20.51 -1.49 -0.55	11.78 -0.61 -2.56	12.11 -0.63 -2.34	25.10 -1.66 0.00	25.52 -1.82 0.00	26.81 -1.99 0.00	27.46 -1.73 0.00	27.39 -1.55 0.00	27.61 -1.48 0.00	15.46 -0.77 0.00	20.84 -1.11 0.00	28.39 -1.74 0.00	27.78 -1.52 0.00	30.13 -1.63 0.00	32.66 -2.46 0.00	31.96 -2.86 0.73	26.11 -3.58 12.42	25.21 -3.75 12.10	32.18 -3.48 6.58	45.60 -4.35 0.62	41.80 -3.97 1.57	34.58 -3.59 1.92	34.65 -2.85 0.00
LOCKPORT___CC1 323769	30.01 -2.22 0.00	20.51 -1.49 -0.56	11.80 -0.61 -2.58	12.12 -0.63 -2.36	25.09 -1.66 0.00	25.53 -1.82 0.00	26.82 -1.98 0.00	27.48 -1.72 0.00	27.42 -1.53 0.00	27.64 -1.45 0.00	15.48 -0.74 0.00	20.87 -1.08 0.00	28.43 -1.70 0.00	27.84 -1.46 0.00	30.18 -1.58 0.00	32.70 -2.42 0.00	31.97 -2.81 0.77	25.48 -3.46 13.17	24.57 -3.63 12.86	31.81 -3.43 6.99	45.59 -4.32 0.66	41.75 -3.92 1.67	34.47 -3.58 2.04	34.65 -2.85 0.00
LOCKPORT___CC2 323770	30.01 -2.22 0.00	20.51 -1.49 -0.56	11.80 -0.61 -2.58	12.12 -0.63 -2.36	25.09 -1.66 0.00	25.53 -1.82 0.00	26.82 -1.98 0.00	27.48 -1.72 0.00	27.42 -1.53 0.00	27.64 -1.45 0.00	15.48 -0.74 0.00	20.87 -1.08 0.00	28.43 -1.70 0.00	27.84 -1.46 0.00	30.18 -1.58 0.00	32.70 -2.42 0.00	31.97 -2.81 0.77	25.48 -3.46 13.17	24.57 -3.63 12.86	31.81 -3.43 6.99	45.59 -4.32 0.66	41.75 -3.92 1.67	34.47 -3.58 2.04	34.65 -2.85 0.00
LOCKPORT___CC3 323771	30.01 -2.22 0.00	20.51 -1.49 -0.56	11.80 -0.61 -2.58	12.12 -0.63 -2.36	25.09 -1.66 0.00	25.53 -1.82 0.00	26.82 -1.98 0.00	27.48 -1.72 0.00	27.42 -1.53 0.00	27.64 -1.45 0.00	15.48 -0.74 0.00	20.87 -1.08 0.00	28.43 -1.70 0.00	27.84 -1.46 0.00	30.18 -1.58 0.00	32.70 -2.42 0.00	31.97 -2.81 0.77	25.48 -3.46 13.17	24.57 -3.63 12.86	31.81 -3.43 6.99	45.59 -4.32 0.66	41.75 -3.92 1.67	34.47 -3.58 2.04	34.65 -2.85 0.00
LOCUSVLY_69_KV_BK2 55797	36.15 2.29 -1.63	26.97 1.61 -3.92	28.76 0.74 -18.19	27.80 0.74 -16.66	28.56 1.81 0.00	29.25 1.90 0.00	30.86 2.07 0.00	31.42 2.23 0.00	31.02 2.08 0.00	31.20 2.11 0.01	16.90 1.30 0.63	24.03 1.91 -0.17	32.74 2.76 0.15	32.57 2.82 -0.44	35.64 3.28 -0.60	42.53 3.88 -3.53	41.28 3.90 -1.83	63.12 4.53 -16.48	64.29 4.21 -19.02	62.02 3.91 -15.87	54.11 3.54 0.00	50.20 2.85 0.00	43.19 3.10 0.00	40.11 2.61 0.00
LONG_LAKE_PHOENIX 24014	31.39 -0.84 0.00	21.21 -0.55 -0.31	11.03 -0.24 -1.45	11.46 -0.26 -1.32	26.07 -0.68 0.00	26.68 -0.67 0.00	28.07 -0.73 0.00	28.39 -0.80 0.00	28.11 -0.84 0.00	28.20 -0.90 0.00	15.73 -0.49 0.00	21.26 -0.69 0.00	29.06 -1.07 0.00	28.26 -1.04 0.00	30.64 -1.12 0.00	33.80 -1.33 0.00	34.24 -1.32 0.00	40.68 -1.43 0.00	40.76 -1.34 -1.03	43.97 -1.24 -2.98	54.21 -1.56 -5.19	48.76 -1.58 -3.00	39.52 -1.35 -0.78	36.33 -1.17 0.00
LOVETT___3 23632	33.78 1.55 0.00	26.37 1.12 -3.80	27.99 0.50 -17.66	27.09 0.51 -16.18	28.00 1.25 0.00	28.65 1.30 0.00	30.23 1.43 0.00	30.77 1.57 0.00	30.45 1.51 0.00	30.55 1.46 0.00	17.10 0.87 0.00	23.25 1.30 0.00	32.05 1.92 0.00	31.25 1.95 0.00	34.06 2.29 0.00	37.96 2.84 0.00	38.49 2.94 0.00	62.09 3.66 -16.32	63.37 3.48 -18.83	61.25 3.30 -15.71	53.48 2.91 0.00	49.66 2.31 0.00	42.40 2.31 0.00	39.44 1.94 0.00
LOVETT___4 23642	33.78 1.55 0.00	26.37 1.12 -3.80	27.99 0.50 -17.66	27.09 0.51 -16.18	28.00 1.25 0.00	28.65 1.30 0.00	30.23 1.43 0.00	30.77 1.57 0.00	30.45 1.51 0.00	30.55 1.46 0.00	17.10 0.87 0.00	23.25 1.30 0.00	32.05 1.92 0.00	31.25 1.95 0.00	34.06 2.29 0.00	37.96 2.84 0.00	38.49 2.94 0.00	62.09 3.66 -16.32	63.37 3.48 -18.83	61.25 3.30 -15.71	53.48 2.91 0.00	49.66 2.31 0.00	42.40 2.31 0.00	39.44 1.94 0.00
LOVETT___5 23593	33.78 1.55 0.00	26.37 1.12 -3.80	27.99 0.50 -17.66	27.09 0.51 -16.18	28.00 1.25 0.00	28.65 1.30 0.00	30.23 1.43 0.00	30.77 1.57 0.00	30.45 1.51 0.00	30.55 1.46 0.00	17.10 0.87 0.00	23.25 1.30 0.00	32.05 1.92 0.00	31.25 1.95 0.00	34.06 2.29 0.00	37.96 2.84 0.00	38.49 2.94 0.00	62.09 3.66 -16.32	63.37 3.48 -18.83	61.25 3.30 -15.71	53.48 2.91 0.00	49.66 2.31 0.00	42.40 2.31 0.00	39.44 1.94 0.00
LOWER RAQUET___HYD 24057	31.36 -0.87 0.00	20.81 -0.63 0.00	9.54 -0.29 0.00	10.11 -0.28 0.00	26.09 -0.66 0.00	26.68 -0.66 0.00	28.17 -0.63 0.00	28.49 -0.71 0.00	28.24 -0.70 0.00	28.55 -0.54 0.00	15.83 -0.40 0.00	21.16 -0.79 0.00	29.29 -0.84 0.00	28.62 -0.68 0.00	30.94 -0.82 0.00	33.82 -1.30 0.00	33.95 -1.60 0.00	40.27 -1.85 0.00	39.15 -1.91 0.00	40.70 -1.54 0.00	49.32 -1.25 0.00	46.22 -1.12 0.00	39.01 -1.07 0.00	36.50 -1.00 0.00
LOWER___HUDSON 24059	33.65 1.42 0.00	27.40 1.05 -4.90	33.07 0.48 -22.75	31.74 0.51 -20.84	28.05 1.30 0.00	28.68 1.33 0.00	30.17 1.37 0.00	30.56 1.36 0.00	30.06 1.12 0.00	29.97 0.88 0.00	16.70 0.47 0.00	22.65 0.70 0.00	31.20 1.07 0.00	30.29 0.99 0.00	32.86 1.10 0.00	36.53 1.41 0.00	36.96 1.40 0.00	54.00 1.78 -10.11	54.49 1.77 -11.66	53.72 1.75 -9.73	52.60 2.02 0.00	49.97 1.85 -0.77	41.76 1.67 0.00	39.08 1.58 0.00

LOWVILLE_115KV_TB2 356335	31.14 -1.09 0.00	20.79 -0.79 -0.13	10.11 -0.34 -0.62	10.71 -0.25 -0.57	26.37 -0.38 0.00	27.14 -0.21 0.00	28.57 -0.22 0.00	28.58 -0.61 0.00	28.34 -0.60 0.00	28.57 -0.53 0.00	15.79 -0.44 0.00	21.19 -0.76 0.00	29.02 -1.11 0.00	28.51 -0.79 0.00	30.96 -0.80 0.00	33.67 -1.45 0.00	33.96 -1.59 0.00	41.07 -1.05 0.00	40.52 -0.74 -0.21	42.86 0.03 -0.59	51.89 0.28 -1.03	47.15 -0.79 -0.59	39.37 -0.87 -0.15	36.49 -1.01 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.01 1.78 0.00	27.67 1.25 -4.98	33.52 0.58 -23.11	32.17 0.61 -21.17	28.33 1.57 0.00	28.99 1.64 0.00	30.51 1.71 0.00	30.83 1.64 0.00	30.30 1.36 0.00	30.19 1.10 0.00	16.81 0.58 0.00	22.80 0.85 0.00	31.42 1.29 0.00	30.54 1.24 0.00	33.18 1.42 0.00	36.92 1.79 0.00	37.40 1.85 0.00	51.99 2.40 -7.47	52.14 2.46 -8.62	52.02 2.58 -7.19	53.51 2.94 0.00	50.53 2.69 -0.50	42.38 2.29 0.00	39.65 2.15 0.00
LUTHERNY_35_KV_BK2 355980	34.02 1.79 0.00	27.67 1.25 -4.98	33.52 0.59 -23.11	32.18 0.62 -21.17	28.33 1.57 0.00	28.98 1.64 0.00	30.52 1.72 0.00	30.84 1.65 0.00	30.31 1.37 0.00	30.22 1.13 0.00	16.82 0.59 0.00	22.81 0.86 0.00	31.43 1.30 0.00	30.56 1.26 0.00	33.21 1.45 0.00	36.94 1.82 0.00	37.42 1.87 0.00	52.00 2.42 -7.47	52.17 2.49 -8.62	52.06 2.63 -7.19	53.61 3.03 0.00	50.58 2.74 -0.50	42.43 2.34 0.00	39.66 2.15 0.00
LWR__OSWEGATCHIE_HYD 23850	31.11 -1.12 0.00	20.73 -0.81 -0.10	9.92 -0.36 -0.45	10.49 -0.32 -0.41	26.10 -0.65 0.00	26.78 -0.56 0.00	28.24 -0.56 0.00	28.36 -0.83 0.00	28.12 -0.83 0.00	28.38 -0.71 0.00	15.71 -0.51 0.00	21.03 -0.92 0.00	28.96 -1.18 0.00	28.37 -0.93 0.00	30.73 -1.03 0.00	33.47 -1.65 0.00	33.67 -1.89 0.00	40.36 -1.76 0.00	39.57 -1.65 -0.17	41.68 -1.06 -0.49	50.65 -0.79 -0.86	46.67 -1.17 -0.50	39.06 -1.15 -0.13	36.34 -1.16 0.00
LYONS_FALL_HYD 23570	31.81 -0.42 0.00	21.24 -0.33 -0.13	10.28 -0.13 -0.59	10.85 -0.08 -0.54	26.72 -0.03 0.00	27.44 0.09 0.00	28.91 0.11 0.00	29.00 -0.19 0.00	28.69 -0.25 0.00	28.84 -0.26 0.00	16.00 -0.23 0.00	21.54 -0.41 0.00	29.53 -0.60 0.00	28.89 -0.41 0.00	31.37 -0.39 0.00	34.36 -0.76 0.00	34.76 -0.78 0.00	41.80 -0.31 0.00	41.16 -0.05 -0.15	43.18 0.50 -0.44	52.08 0.74 -0.76	47.77 -0.01 -0.44	40.04 -0.16 -0.11	37.19 -0.31 0.00
MADISON__COUNTY_LFGE 323628	32.81 0.58 0.00	22.02 0.35 -0.22	11.05 0.17 -1.04	11.53 0.18 -0.95	27.26 0.51 0.00	27.93 0.58 0.00	29.41 0.61 0.00	29.57 0.37 0.00	29.16 0.21 0.00	29.21 0.12 0.00	16.28 0.05 0.00	22.01 0.06 0.00	30.17 0.04 0.00	29.39 0.09 0.00	31.88 0.12 0.00	35.23 0.11 0.00	35.81 0.26 0.00	42.77 0.66 0.00	42.09 0.86 -0.17	43.88 1.14 -0.50	52.93 1.49 -0.87	49.01 1.16 -0.50	41.09 0.87 -0.13	38.21 0.71 0.00
MALONE__115KV_TB1 356076	31.64 -0.59 0.00	21.02 -0.43 0.00	9.63 -0.20 0.00	10.20 -0.19 0.00	26.29 -0.47 0.00	26.90 -0.45 0.00	28.43 -0.37 0.00	28.91 -0.28 0.00	28.65 -0.29 0.00	28.96 -0.13 0.00	16.04 -0.20 0.00	21.56 -0.39 0.00	29.64 -0.49 0.00	28.84 -0.46 0.00	31.25 -0.51 0.00	34.49 -0.63 0.00	34.85 -0.70 0.00	41.16 -0.95 0.00	40.20 -0.85 0.00	41.66 -0.58 0.00	50.38 -0.19 0.00	47.18 -0.17 0.00	39.66 -0.43 0.00	37.07 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	33.59 1.36 0.00	27.31 1.01 -4.86	32.86 0.46 -22.57	31.55 0.48 -20.68	27.98 1.23 0.00	28.59 1.24 0.00	30.07 1.27 0.00	30.45 1.25 0.00	29.92 0.97 0.00	29.87 0.78 0.00	16.67 0.44 0.00	22.60 0.64 0.00	31.15 1.02 0.00	30.29 0.98 0.00	32.86 1.10 0.00	36.50 1.38 0.00	36.95 1.39 0.00	54.25 1.73 -10.41	54.83 1.76 -12.01	53.96 1.70 -10.02	52.41 1.83 0.00	49.85 1.62 -0.89	41.59 1.50 0.00	38.87 1.37 0.00
MAPLE_RIDGE_WT_1 323574	31.56 -0.67 0.00	20.98 -0.46 0.00	9.63 -0.20 0.00	10.22 -0.17 0.00	26.36 -0.39 0.00	26.97 -0.38 0.00	28.41 -0.39 0.00	28.85 -0.35 0.00	28.71 -0.23 0.00	28.95 -0.15 0.00	16.09 -0.14 0.00	21.74 -0.21 0.00	29.81 -0.32 0.00	29.07 -0.23 0.00	31.51 -0.25 0.00	34.70 -0.42 0.00	35.08 -0.47 0.00	41.59 -0.52 0.00	40.63 -0.43 0.00	41.89 -0.35 0.00	50.11 -0.46 0.00	46.59 -0.75 0.00	39.43 -0.66 0.00	36.89 -0.61 0.00
MAPLE_RIDGE_WT_2 323611	31.56 -0.67 0.00	20.98 -0.46 0.00	9.63 -0.20 0.00	10.22 -0.17 0.00	26.36 -0.39 0.00	26.97 -0.38 0.00	28.41 -0.39 0.00	28.85 -0.35 0.00	28.71 -0.23 0.00	28.95 -0.15 0.00	16.09 -0.14 0.00	21.74 -0.21 0.00	29.81 -0.32 0.00	29.07 -0.23 0.00	31.51 -0.25 0.00	34.70 -0.42 0.00	35.08 -0.47 0.00	41.59 -0.52 0.00	40.63 -0.43 0.00	41.89 -0.35 0.00	50.11 -0.46 0.00	46.59 -0.75 0.00	39.43 -0.66 0.00	36.89 -0.61 0.00
MARBLE_RIVER_WT_PWR 323696	31.56 -0.67 0.00	20.95 -0.49 0.00	9.60 -0.23 0.00	10.18 -0.22 0.00	26.21 -0.54 0.00	26.79 -0.55 0.00	28.30 -0.50 0.00	28.85 -0.35 0.00	28.64 -0.30 0.00	28.92 -0.17 0.00	16.04 -0.19 0.00	21.58 -0.37 0.00	29.63 -0.50 0.00	28.80 -0.50 0.00	31.21 -0.55 0.00	34.55 -0.57 0.00	34.95 -0.60 0.00	41.25 -0.86 0.00	40.26 -0.80 0.00	41.57 -0.66 0.00	50.18 -0.40 0.00	46.99 -0.36 0.00	39.51 -0.58 0.00	36.93 -0.57 0.00
MARSHVLE_115KV_TB1 80742	33.43 1.21 0.00	27.76 0.76 -5.55	35.96 0.34 -25.80	34.37 0.34 -23.63	27.69 0.94 0.00	28.36 1.01 0.00	29.69 0.89 0.00	29.71 0.52 0.00	29.27 0.33 0.00	29.34 0.25 0.00	16.38 0.15 0.00	22.10 0.15 0.00	30.26 0.13 0.00	29.45 0.15 0.00	31.95 0.18 0.00	35.22 0.10 0.00	35.83 0.28 0.00	47.32 0.41 -4.79	47.31 0.72 -5.53	48.40 1.55 -4.62	52.60 2.02 0.00	49.58 1.98 -0.26	41.75 1.67 0.00	38.99 1.48 0.00
MARSH_HILL_WT_PWR 323713	31.89 -0.34 0.00	21.82 -0.42 -0.80	13.37 -0.18 -3.72	13.49 -0.31 -3.40	25.90 -0.86 0.00	26.47 -0.87 0.00	28.06 -0.73 0.00	28.15 -1.05 0.00	28.06 -0.89 0.00	28.38 -0.71 0.00	15.86 -0.37 0.00	21.36 -0.60 0.00	29.17 -0.96 0.00	28.58 -0.72 0.00	30.96 -0.81 0.00	33.93 -1.19 0.00	38.00 -1.30 -3.76	105.59 -1.20 -64.67	104.43 -0.97 -64.34	77.48 -0.30 -35.54	54.08 -0.58 -4.08	55.00 -0.97 -8.63	49.17 -1.09 -10.17	36.59 -0.91 0.00
MCINTYRE_115KV_TB2 80467	32.22 -0.01 0.00	21.35 -0.10 0.00	9.79 -0.04 0.00	10.36 -0.03 0.00	26.76 0.01 0.00	27.35 0.00 0.00	28.81 0.01 0.00	28.89 -0.30 0.00	28.59 -0.35 0.00	28.93 -0.17 0.00	16.05 -0.18 0.00	21.43 -0.53 0.00	29.76 -0.37 0.00	29.09 -0.21 0.00	31.41 -0.35 0.00	34.48 -0.64 0.00	34.61 -0.95 0.00	41.26 -0.86 0.00	39.95 -1.11 0.00	41.81 -0.43 0.00	50.86 0.28 0.00	47.80 0.45 0.00	40.23 0.14 0.00	37.65 0.14 0.00
MECO____69_KV_BK1 80468	33.97 1.75 0.00	27.92 1.14 -5.34	35.15 0.51 -24.81	33.65 0.53 -22.72	28.15 1.39 0.00	28.84 1.49 0.00	30.20 1.40 0.00	30.12 0.92 0.00	29.37 0.42 0.00	29.25 0.15 0.00	16.27 0.04 0.00	21.99 0.03 0.00	30.19 0.06 0.00	29.35 0.05 0.00	31.94 0.18 0.00	35.29 0.17 0.00	35.93 0.38 0.00	47.99 0.80 -5.08	48.26 1.34 -5.86	49.59 2.45 -4.89	53.66 3.08 0.00	50.54 2.91 -0.28	42.49 2.40 0.00	39.62 2.12 0.00

MENANDS__115KV_TB5 355628	33.45 1.22 0.00	27.22 0.92 -4.85	32.78 0.42 -22.53	31.47 0.44 -20.64	27.88 1.13 0.00	28.48 1.13 0.00	29.96 1.16 0.00	30.34 1.14 0.00	29.80 0.85 0.00	29.76 0.67 0.00	16.61 0.38 0.00	22.53 0.57 0.00	31.05 0.93 0.00	30.21 0.91 0.00	32.77 1.00 0.00	36.39 1.27 0.00	36.83 1.27 0.00	54.15 1.56 -10.48	54.71 1.55 -12.10	53.78 1.45 -10.09	52.11 1.54 0.00	49.52 1.34 -0.83	41.38 1.29 0.00	38.69 1.19 0.00
MG INDUSTRY__DRP 24185	33.31 1.09 0.00	27.03 0.84 -4.74	32.22 0.39 -22.01	30.97 0.41 -20.16	27.80 1.05 0.00	28.40 1.05 0.00	29.82 1.02 0.00	30.11 0.91 0.00	29.58 0.64 0.00	29.55 0.46 0.00	16.49 0.26 0.00	22.36 0.40 0.00	30.75 0.62 0.00	29.83 0.53 0.00	32.29 0.54 0.00	35.83 0.71 0.00	36.25 0.70 0.00	48.56 0.86 -5.59	48.43 0.92 -6.45	48.57 0.95 -5.38	51.55 0.98 0.00	47.43 0.86 0.78	40.99 0.90 0.00	38.33 0.83 0.00
MID__OSWEGATCHIE_HYD 23849	31.11 -1.12 0.00	20.73 -0.81 -0.10	9.92 -0.36 -0.45	10.49 -0.32 -0.41	26.10 -0.65 0.00	26.78 -0.56 0.00	28.24 -0.56 0.00	28.36 -0.83 0.00	28.12 -0.83 0.00	28.38 -0.71 0.00	15.71 -0.51 0.00	21.03 -0.92 0.00	28.96 -1.18 0.00	28.37 -0.93 0.00	30.73 -1.03 0.00	33.47 -1.65 0.00	33.67 -1.89 0.00	40.36 -1.76 0.00	39.57 -1.65 -0.17	41.68 -1.06 -0.49	50.65 -0.79 -0.86	46.67 -1.17 -0.50	39.06 -1.15 -0.13	36.34 -1.16 0.00
MID__RAQUETTE_HYD 23851	31.36 -0.87 0.00	20.81 -0.64 0.00	9.54 -0.29 0.00	10.11 -0.28 0.00	26.09 -0.66 0.00	26.68 -0.66 0.00	28.17 -0.63 0.00	28.49 -0.71 0.00	28.24 -0.70 0.00	28.55 -0.54 0.00	15.83 -0.40 0.00	21.16 -0.79 0.00	29.29 -0.84 0.00	28.62 -0.68 0.00	30.94 -0.82 0.00	33.82 -1.30 0.00	33.95 -1.60 0.00	40.27 -1.85 0.00	39.15 -1.91 0.00	40.70 -1.54 0.00	49.31 -1.26 0.00	46.22 -1.13 0.00	39.01 -1.08 0.00	36.50 -1.00 0.00
MILLIKEN__1 23584	32.59 0.36 0.00	22.47 0.23 -0.79	13.64 0.12 -3.69	13.89 0.11 -3.38	26.99 0.24 0.00	27.65 0.31 0.00	29.18 0.38 0.00	29.59 0.40 0.00	29.10 0.16 0.00	28.99 -0.10 0.00	16.16 -0.07 0.00	21.75 -0.20 0.00	29.79 -0.34 0.00	29.01 -0.29 0.00	31.50 -0.26 0.00	34.80 -0.33 0.00	35.60 -0.26 -0.31	47.99 0.00 -5.88	47.71 0.34 -6.30	47.43 0.70 -4.49	53.54 0.77 -2.19	49.75 0.62 -1.79	41.68 0.46 -1.13	37.88 0.37 0.00
MILLIKEN__2 23585	32.59 0.36 0.00	22.47 0.23 -0.79	13.64 0.12 -3.69	13.89 0.11 -3.38	26.99 0.24 0.00	27.65 0.31 0.00	29.18 0.38 0.00	29.59 0.40 0.00	29.10 0.16 0.00	28.99 -0.10 0.00	16.16 -0.07 0.00	21.75 -0.20 0.00	29.79 -0.34 0.00	29.01 -0.29 0.00	31.50 -0.26 0.00	34.80 -0.33 0.00	35.60 -0.26 -0.31	47.99 0.00 -5.88	47.71 0.34 -6.30	47.43 0.70 -4.49	53.54 0.77 -2.19	49.75 0.62 -1.79	41.68 0.46 -1.13	37.88 0.37 0.00
MILLIKEN__DIESEL 23629	32.59 0.36 0.00	22.47 0.23 -0.79	13.64 0.12 -3.69	13.89 0.11 -3.38	26.99 0.24 0.00	27.65 0.31 0.00	29.18 0.38 0.00	29.59 0.40 0.00	29.10 0.16 0.00	28.99 -0.10 0.00	16.16 -0.07 0.00	21.75 -0.20 0.00	29.79 -0.34 0.00	29.01 -0.29 0.00	31.50 -0.26 0.00	34.80 -0.33 0.00	35.60 -0.26 -0.31	47.99 0.00 -5.88	47.71 0.34 -6.30	47.43 0.70 -4.49	53.54 0.77 -2.19	49.75 0.62 -1.79	41.68 0.46 -1.13	37.88 0.37 0.00
MILLSEAT__LFGE 323607	30.70 -1.53 0.00	20.91 -1.06 -0.53	11.88 -0.42 -2.47	12.22 -0.44 -2.26	25.60 -1.15 0.00	26.08 -1.27 0.00	27.43 -1.36 0.00	28.00 -1.20 0.00	27.74 -1.20 0.00	27.88 -1.22 0.00	15.59 -0.64 0.00	21.02 -0.93 0.00	28.65 -1.48 0.00	28.07 -1.23 0.00	30.46 -1.31 0.00	33.14 -1.98 0.00	32.62 -2.32 0.62	28.72 -2.88 10.52	27.92 -2.88 10.25	34.27 -2.39 5.58	47.20 -2.85 0.53	43.46 -2.54 1.33	36.01 -2.46 1.63	35.57 -1.94 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.87 1.64 0.00	26.53 1.19 -3.89	28.44 0.54 -18.07	27.50 0.54 -16.55	28.09 1.34 0.00	28.74 1.39 0.00	30.33 1.53 0.00	30.88 1.68 0.00	30.55 1.61 0.00	30.65 1.56 0.00	17.15 0.92 0.00	23.31 1.35 0.00	32.14 2.01 0.00	31.33 2.03 0.00	34.15 2.38 0.00	38.05 2.93 0.00	38.57 3.02 0.00	62.29 3.73 -16.45	63.58 3.55 -18.98	61.44 3.37 -15.84	53.59 3.02 0.00	49.76 2.42 0.00	42.50 2.41 0.00	39.54 2.04 0.00
MILLWOOD_13_KV_LOAD 356217	33.93 1.70 0.00	26.57 1.23 -3.89	28.46 0.55 -18.07	27.51 0.56 -16.55	28.14 1.38 0.00	28.79 1.44 0.00	30.38 1.58 0.00	30.93 1.74 0.00	30.60 1.66 0.00	30.70 1.61 0.00	17.17 0.95 0.00	23.35 1.39 0.00	32.18 2.05 0.00	31.39 2.09 0.00	34.21 2.45 0.00	38.13 3.01 0.00	38.67 3.12 0.00	62.41 3.85 -16.45	63.70 3.67 -18.98	61.58 3.50 -15.84	53.74 3.16 0.00	49.88 2.54 0.00	42.59 2.50 0.00	39.62 2.12 0.00
MODEL_CITY_ENERGY 24167	29.69 -2.54 0.00	20.30 -1.71 -0.56	11.73 -0.70 -2.60	12.05 -0.73 -2.38	24.86 -1.89 0.00	25.26 -2.08 0.00	26.52 -2.28 0.00	27.19 -2.01 0.00	27.13 -1.82 0.00	27.36 -1.73 0.00	15.34 -0.89 0.00	20.68 -1.27 0.00	28.13 -2.00 0.00	27.55 -1.75 0.00	29.86 -1.90 0.00	32.35 -2.77 0.00	31.59 -3.20 0.77	25.14 -3.90 13.07	24.30 -4.07 12.69	31.38 -3.95 6.91	44.88 -5.04 0.66	41.11 -4.58 1.66	34.01 -4.06 2.01	34.24 -3.26 0.00
MODERN_LFGE__ 323580	29.69 -2.54 0.00	20.30 -1.71 -0.56	11.73 -0.70 -2.60	12.05 -0.73 -2.38	24.86 -1.89 0.00	25.26 -2.08 0.00	26.52 -2.28 0.00	27.19 -2.01 0.00	27.13 -1.82 0.00	27.36 -1.73 0.00	15.34 -0.89 0.00	20.68 -1.27 0.00	28.13 -2.00 0.00	27.55 -1.75 0.00	29.86 -1.90 0.00	32.35 -2.77 0.00	31.59 -3.20 0.77	25.14 -3.90 13.07	24.30 -4.07 12.69	31.38 -3.95 6.91	44.88 -5.04 0.66	41.11 -4.58 1.66	34.01 -4.06 2.01	34.24 -3.26 0.00
MOHAWK_PAPER__DRP 24187	33.59 1.36 0.00	27.31 1.01 -4.86	32.86 0.46 -22.57	31.55 0.48 -20.68	27.98 1.23 0.00	28.59 1.24 0.00	30.07 1.27 0.00	30.45 1.25 0.00	29.92 0.97 0.00	29.87 0.78 0.00	16.67 0.44 0.00	22.60 0.64 0.00	31.15 1.02 0.00	30.29 0.98 0.00	32.86 1.10 0.00	36.50 1.38 0.00	36.95 1.39 0.00	54.25 1.73 -10.41	54.83 1.76 -12.01	53.96 1.70 -10.02	52.41 1.83 0.00	49.85 1.62 -0.89	41.59 1.50 0.00	38.87 1.37 0.00
MOHICAN__35_KV_115KV_LD 80490	34.41 2.19 0.00	27.90 1.47 -4.98	33.66 0.71 -23.12	32.32 0.74 -21.18	28.69 1.94 0.00	29.45 2.11 0.00	31.06 2.26 0.00	31.34 2.15 0.00	30.67 1.72 0.00	30.43 1.34 0.00	16.91 0.68 0.00	22.94 0.99 0.00	31.69 1.57 0.00	30.78 1.48 0.00	33.44 1.68 0.00	37.34 2.21 0.00	37.88 2.33 0.00	52.54 3.09 -7.33	52.65 3.13 -8.46	52.61 3.31 -7.06	54.40 3.82 0.00	51.46 3.63 -0.49	43.15 3.06 0.00	40.42 2.92 0.00
MONGAUP__HYD 23641	33.88 1.65 0.00	26.17 1.16 -3.57	26.91 0.52 -16.56	26.09 0.52 -15.17	28.11 1.35 0.00	28.70 1.35 0.00	30.38 1.58 0.00	30.70 1.51 0.00	30.10 1.15 0.00	30.13 1.03 0.00	16.85 0.62 0.00	22.87 0.92 0.00	31.49 1.36 0.00	30.70 1.40 0.00	33.43 1.66 0.00	37.22 2.10 0.00	37.78 2.23 0.00	60.82 2.80 -15.91	62.45 3.04 -18.36	60.80 3.25 -15.32	53.87 3.29 0.00	50.09 2.74 0.00	42.60 2.52 0.00	39.61 2.11 0.00

MONTAUK___DIESEL 23721	36.12 2.76 -1.13	27.19 1.83 -3.92	28.83 0.81 -18.19	27.88 0.82 -16.66	29.00 2.25 0.00	29.81 2.46 0.00	31.34 2.54 0.00	31.77 2.57 0.00	31.11 2.17 0.00	31.32 2.24 0.01	17.07 1.47 0.63	24.18 2.05 -0.17	32.69 2.71 0.15	32.33 2.59 -0.44	35.15 2.79 -0.60	42.03 3.37 -3.53	40.99 3.61 -1.83	62.76 4.18 -16.48	64.00 3.93 -19.02	61.61 3.50 -15.87	53.56 2.98 0.00	49.52 2.18 0.00	42.66 2.57 0.00	39.29 1.80 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.92 -1.31 0.00	21.21 -0.88 -0.65	12.51 -0.32 -3.00	12.79 -0.36 -2.75	25.81 -0.94 0.00	26.40 -0.95 0.00	27.91 -0.89 0.00	28.49 -0.71 0.00	28.47 -0.48 0.00	28.57 -0.52 0.00	16.00 -0.23 0.00	21.61 -0.34 0.00	29.58 -0.55 0.00	28.93 -0.38 0.00	31.33 -0.44 0.00	34.09 -1.03 0.00	33.35 -1.25 0.95	24.27 -1.59 16.26	23.73 -1.58 15.75	32.43 -1.24 8.57	48.00 -1.76 0.82	43.39 -1.90 2.06	35.84 -1.75 2.50	36.08 -1.42 0.00
MORRIS_RIDGE___SOLAR 323848	31.27 -0.96 0.00	21.43 -0.74 -0.73	12.93 -0.30 -3.40	13.13 -0.38 -3.11	25.77 -0.99 0.00	26.35 -1.00 0.00	27.76 -1.04 0.00	27.90 -1.29 0.00	27.71 -1.23 0.00	27.91 -1.18 0.00	15.61 -0.62 0.00	21.03 -0.92 0.00	28.75 -1.38 0.00	28.13 -1.17 0.00	30.47 -1.29 0.00	33.39 -1.73 0.00	29.87 -1.93 3.76	-24.17 -2.11 64.17	-23.96 -1.83 63.19	6.75 -1.36 34.13	46.18 -1.66 2.73	37.70 -1.79 7.85	28.45 -1.71 9.93	36.11 -1.39 0.00
MORTIMER_115KV_TB3 55949	31.15 -1.08 0.00	21.15 -0.74 -0.45	11.63 -0.30 -2.10	12.00 -0.33 -1.93	25.89 -0.87 0.00	26.43 -0.92 0.00	27.83 -0.97 0.00	28.35 -0.84 0.00	28.19 -0.75 0.00	28.39 -0.70 0.00	15.87 -0.36 0.00	21.43 -0.52 0.00	29.32 -0.81 0.00	28.63 -0.67 0.00	31.13 -0.64 0.00	34.06 -1.06 0.00	34.15 -1.24 0.15	37.88 -1.57 2.67	36.78 -1.64 2.64	39.47 -1.34 1.44	48.76 -1.68 0.13	45.35 -1.66 0.34	37.99 -1.68 0.42	36.15 -1.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.01 1.79 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.55 1.75 0.00	31.14 1.94 0.00	30.84 1.90 0.00	31.17 1.88 -0.20	34.34 1.09 -17.02	34.89 1.59 -11.35	42.86 2.31 -10.41	54.12 2.33 -22.49	59.17 2.71 -24.70	59.72 3.28 -21.32	60.05 3.37 -21.13	62.77 4.17 -16.49	63.94 3.87 -19.02	61.81 3.70 -15.87	53.82 3.25 0.00	49.97 2.62 0.00	42.76 2.67 0.00	39.71 2.21 0.00
MUNSVILLE_WIND_PWR 323609	34.23 2.00 0.00	23.96 1.29 -1.23	16.16 0.63 -5.70	16.25 0.63 -5.22	28.33 1.57 0.00	29.03 1.68 0.00	30.62 1.82 0.00	30.68 1.48 0.00	29.90 0.96 0.00	29.76 0.67 0.00	16.58 0.35 0.00	22.37 0.41 0.00	30.61 0.48 0.00	29.74 0.44 0.00	32.22 0.46 0.00	35.40 0.28 0.00	36.48 0.71 -0.22	48.17 1.45 -4.62	48.75 2.70 -4.99	49.38 3.54 -3.60	56.46 4.44 -1.44	52.56 4.02 -1.20	44.00 3.14 -0.77	40.15 2.65 0.00
N SALMON___HYD 24042	31.64 -0.59 0.00	21.02 -0.43 0.00	9.63 -0.20 0.00	10.20 -0.19 0.00	26.29 -0.47 0.00	26.90 -0.45 0.00	28.43 -0.37 0.00	28.91 -0.28 0.00	28.65 -0.29 0.00	28.96 -0.13 0.00	16.04 -0.20 0.00	21.56 -0.39 0.00	29.64 -0.49 0.00	28.84 -0.46 0.00	31.25 -0.52 0.00	34.50 -0.63 0.00	34.85 -0.70 0.00	41.16 -0.96 0.00	40.20 -0.85 0.00	41.66 -0.58 0.00	50.39 -0.19 0.00	47.17 -0.17 0.00	39.66 -0.43 0.00	37.07 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	30.53 -1.70 0.00	20.82 -1.16 -0.54	11.87 -0.46 -2.51	12.21 -0.48 -2.29	25.50 -1.26 0.00	25.95 -1.40 0.00	27.29 -1.51 0.00	27.90 -1.30 0.00	27.71 -1.23 0.00	27.87 -1.23 0.00	15.59 -0.63 0.00	21.01 -0.94 0.00	28.64 -1.49 0.00	28.08 -1.22 0.00	30.44 -1.32 0.00	33.06 -2.06 0.00	32.44 -2.45 0.66	27.76 -3.08 11.27	26.93 -3.14 10.98	33.59 -2.68 5.98	46.77 -3.24 0.57	42.98 -2.94 1.43	35.58 -2.76 1.74	35.33 -2.17 0.00
N.BELMOR_69_KV_BK1 55787	36.04 2.28 -1.53	26.95 1.58 -3.92	28.75 0.73 -18.19	27.77 0.72 -16.66	28.51 1.75 0.00	29.21 1.86 0.00	30.82 2.02 0.00	31.36 2.17 0.00	30.94 1.99 0.00	31.10 2.01 0.01	16.86 1.26 0.63	23.99 1.86 -0.17	32.65 2.67 0.15	32.47 2.72 -0.44	35.52 3.15 -0.60	42.39 3.74 -3.53	41.20 3.82 -1.83	63.00 4.41 -16.48	64.21 4.14 -19.02	61.93 3.82 -15.87	54.02 3.44 0.00	50.11 2.77 0.00	43.15 3.06 0.00	40.08 2.59 0.00
N.E_GEN_SANDY PD 24062	43.38 1.44 -9.71	33.40 1.09 -10.86	32.87 0.50 -22.54	30.07 0.52 -19.15	30.40 1.32 -2.33	29.03 1.34 -0.34	30.19 1.39 0.00	30.81 1.46 -0.15	30.23 1.28 0.00	30.15 1.06 0.00	16.82 0.59 0.00	22.83 0.88 0.00	31.49 1.33 -0.03	30.53 1.23 0.00	33.13 1.37 0.00	36.84 1.72 0.00	39.36 1.69 -2.11	67.24 2.12 -23.01	68.51 2.00 -25.44	64.47 1.88 -20.36	51.88 1.99 0.68	49.87 1.74 -0.78	41.34 1.69 0.44	42.64 1.59 -3.55
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.86 1.63 0.00	26.39 1.16 -3.79	27.94 0.52 -17.59	27.03 0.53 -16.11	28.05 1.29 0.00	28.69 1.34 0.00	30.26 1.47 0.00	30.82 1.63 0.00	30.51 1.56 0.00	30.62 1.53 0.00	17.14 0.91 0.00	23.31 1.36 0.00	32.15 2.02 0.00	31.36 2.06 0.00	34.18 2.42 0.00	38.13 3.01 0.00	38.68 3.13 0.00	62.29 3.88 -16.29	63.55 3.69 -18.80	61.43 3.50 -15.69	53.71 3.14 0.00	49.84 2.50 0.00	42.53 2.45 0.00	39.56 2.06 0.00
N.QUEENS_27_KV_LOAD 356247	34.32 2.10 0.00	26.92 1.56 -3.91	28.72 0.71 -18.18	27.77 0.72 -16.65	28.55 1.80 0.00	29.24 1.89 0.00	30.77 1.98 0.00	31.45 2.25 0.00	31.14 2.20 0.00	31.42 2.15 -0.18	32.51 1.19 -15.09	33.74 1.72 -10.06	41.87 2.51 -9.23	51.76 2.53 -19.94	56.57 2.92 -21.89	57.55 3.53 -18.90	57.94 3.67 -18.73	63.11 4.50 -16.49	64.17 4.09 -19.01	62.07 3.96 -15.87	54.08 3.50 0.00	50.27 2.93 0.00	43.06 2.98 0.00	39.96 2.46 0.00
N.TROY___115KV_TB1 355778	33.65 1.43 0.00	27.40 1.05 -4.90	33.07 0.48 -22.75	31.74 0.51 -20.84	28.05 1.30 0.00	28.68 1.33 0.00	30.17 1.37 0.00	30.56 1.36 0.00	30.06 1.12 0.00	29.97 0.88 0.00	16.70 0.47 0.00	22.65 0.70 0.00	31.20 1.07 0.00	30.29 0.99 0.00	32.86 1.10 0.00	36.53 1.41 0.00	36.96 1.41 0.00	54.00 1.78 -10.11	54.49 1.77 -11.66	53.72 1.75 -9.73	52.60 2.02 0.00	49.97 1.85 -0.77	41.76 1.67 0.00	39.08 1.58 0.00
NARROWS_GT1_1 24228	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.26 2.07 0.00	30.95 2.01 0.00	31.27 1.99 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.38 -20.50	57.04 2.76 -22.51	57.91 3.35 -19.43	58.30 3.49 -19.26	62.98 4.38 -16.49	64.13 4.06 -19.01	62.03 3.93 -15.87	54.00 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
NARROWS_GT1_2 24229	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.26 2.07 0.00	30.95 2.01 0.00	31.27 1.99 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.38 -20.50	57.04 2.76 -22.51	57.91 3.35 -19.43	58.30 3.49 -19.26	62.98 4.38 -16.49	64.13 4.06 -19.01	62.03 3.93 -15.87	54.00 3.43 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00



NCHELSEA_115KV_TR2 355582	34.09 1.86 0.00	26.67 1.32 -3.91	28.56 0.59 -18.14	27.61 0.61 -16.61	28.24 1.49 0.00	28.90 1.56 0.00	30.52 1.72 0.00	31.06 1.87 0.00	30.71 1.76 0.00	30.77 1.68 0.00	17.21 0.98 0.00	23.40 1.45 0.00	32.26 2.13 0.00	31.46 2.16 0.00	34.32 2.55 0.00	38.24 3.12 0.00	38.81 3.26 0.00	62.41 4.09 -16.21	63.70 3.94 -18.71	61.66 3.81 -15.61	54.16 3.58 0.00	50.27 2.93 0.00	42.84 2.75 0.00	39.84 2.34 0.00
NEG CAPITAL___MECHNVIL 23645	34.05 1.82 0.00	27.68 1.29 -4.95	33.43 0.60 -23.00	32.09 0.63 -21.07	28.35 1.60 0.00	29.01 1.67 0.00	30.54 1.74 0.00	30.88 1.69 0.00	30.36 1.42 0.00	30.25 1.16 0.00	16.85 0.62 0.00	22.86 0.91 0.00	31.52 1.39 0.00	30.63 1.33 0.00	33.28 1.52 0.00	37.04 1.92 0.00	37.52 1.96 0.00	52.93 2.54 -8.27	53.20 2.59 -9.55	52.89 2.68 -7.97	53.63 3.06 0.00	50.69 2.77 -0.58	42.45 2.36 0.00	39.69 2.18 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.83 -1.39 0.00	20.93 -0.95 -0.43	11.44 -0.40 -2.02	11.81 -0.43 -1.85	25.62 -1.14 0.00	26.18 -1.16 0.00	27.58 -1.21 0.00	28.07 -1.13 0.00	27.86 -1.09 0.00	27.98 -1.11 0.00	15.64 -0.59 0.00	21.12 -0.83 0.00	28.89 -1.24 0.00	28.21 -1.10 0.00	30.66 -1.10 0.00	33.64 -1.48 0.00	33.84 -1.57 0.14	37.90 -1.83 2.39	36.85 -1.83 2.38	39.34 -1.61 1.29	48.36 -2.09 0.12	45.00 -2.05 0.30	37.71 -2.01 0.37	35.79 -1.71 0.00
NEG CENTRAL___DRP 24199	32.47 0.24 0.00	22.12 0.10 -0.57	12.54 0.07 -2.64	12.86 0.04 -2.42	26.83 0.08 0.00	27.50 0.15 0.00	29.00 0.21 0.00	29.24 0.05 0.00	28.82 -0.12 0.00	28.81 -0.28 0.00	16.07 -0.16 0.00	21.71 -0.24 0.00	29.73 -0.40 0.00	28.99 -0.31 0.00	31.47 -0.29 0.00	34.75 -0.38 0.00	35.87 -0.35 -0.68	53.55 -0.09 -11.53	53.12 0.13 -11.93	50.52 0.65 -7.64	54.32 0.68 -3.06	50.69 0.46 -2.90	42.51 0.25 -2.18	37.69 0.19 0.00
NEG CENTRAL___INDECK 23768	32.35 0.12 0.00	22.06 -0.03 -0.65	12.86 0.02 -3.00	13.11 -0.04 -2.75	26.65 -0.10 0.00	27.25 -0.10 0.00	28.78 -0.02 0.00	28.92 -0.28 0.00	28.54 -0.41 0.00	28.73 -0.36 0.00	16.07 -0.16 0.00	21.67 -0.28 0.00	29.59 -0.54 0.00	28.81 -0.50 0.00	31.37 -0.39 0.00	34.50 -0.62 0.00	37.17 -1.45 -3.07	92.76 -1.85 -52.50	90.98 -2.10 -52.02	69.46 -1.06 -28.27	52.26 -0.95 -2.64	53.00 -0.99 -6.65	47.16 -1.15 -8.21	37.75 0.25 0.00
NEG CENTRAL___SENECA 23627	32.65 0.43 0.00	22.31 0.20 -0.66	13.04 0.13 -3.09	13.30 0.08 -2.83	26.94 0.19 0.00	27.60 0.26 0.00	29.15 0.35 0.00	29.34 0.15 0.00	28.91 -0.03 0.00	28.89 -0.20 0.00	16.12 -0.11 0.00	21.77 -0.18 0.00	29.82 -0.31 0.00	29.11 -0.19 0.00	31.60 -0.16 0.00	34.87 -0.25 0.00	36.41 -0.23 -1.09	60.87 0.11 -18.65	60.36 0.39 -18.90	54.56 1.08 -11.24	54.78 1.21 -3.00	51.76 0.86 -3.55	43.87 0.56 -3.23	37.95 0.45 0.00
NEG CENTRAL___STATE_STREET 24147	32.34 0.12 0.00	22.01 0.05 -0.51	12.22 0.02 -2.37	12.59 0.03 -2.17	26.74 -0.01 0.00	27.45 0.10 0.00	28.94 0.14 0.00	29.26 0.07 0.00	28.85 -0.10 0.00	28.77 -0.32 0.00	16.04 -0.18 0.00	21.65 -0.30 0.00	29.69 -0.44 0.00	28.93 -0.38 0.00	31.41 -0.35 0.00	34.67 -0.45 0.00	35.26 -0.51 -0.22	45.57 -0.31 -3.76	45.23 -0.07 -4.24	45.99 0.24 -3.51	53.48 0.12 -2.79	49.43 0.11 -1.98	41.07 0.01 -0.98	37.51 0.01 0.00
NEG MILLWOOD___DRP 24198	34.12 1.89 0.00	26.74 1.34 -3.95	28.78 0.60 -18.35	27.81 0.61 -16.81	28.27 1.52 0.00	28.94 1.59 0.00	30.56 1.76 0.00	31.12 1.93 0.00	30.78 1.84 0.00	30.85 1.76 0.00	17.26 1.03 0.00	23.46 1.50 0.00	32.35 2.22 0.00	31.55 2.25 0.00	34.41 2.65 0.00	38.35 3.23 0.00	38.91 3.35 0.00	62.70 4.17 -16.42	64.01 4.01 -18.95	61.92 3.87 -15.81	54.17 3.59 0.00	50.28 2.94 0.00	42.86 2.77 0.00	39.85 2.35 0.00
NEG NORTH_FLCN_SEA 23793	31.86 -0.37 0.00	21.16 -0.28 0.00	9.70 -0.13 0.00	10.26 -0.13 0.00	26.46 -0.29 0.00	27.06 -0.28 0.00	28.57 -0.23 0.00	29.17 -0.02 0.00	28.91 -0.03 0.00	29.17 0.08 0.00	16.21 -0.01 0.00	21.84 -0.11 0.00	29.99 -0.14 0.00	29.10 -0.20 0.00	31.53 -0.23 0.00	34.94 -0.18 0.00	35.33 -0.23 0.00	41.75 -0.36 0.00	40.74 -0.32 0.00	42.01 -0.23 0.00	50.65 0.07 0.00	47.43 0.09 0.00	39.93 -0.16 0.00	37.32 -0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	31.51 -0.71 0.00	20.92 -0.52 0.00	9.59 -0.23 0.00	10.17 -0.23 0.00	26.18 -0.57 0.00	26.77 -0.57 0.00	28.28 -0.52 0.00	28.83 -0.37 0.00	28.62 -0.32 0.00	28.91 -0.19 0.00	16.02 -0.21 0.00	21.56 -0.39 0.00	29.60 -0.53 0.00	28.77 -0.53 0.00	31.18 -0.58 0.00	34.53 -0.59 0.00	34.94 -0.61 0.00	41.20 -0.91 0.00	40.23 -0.83 0.00	41.56 -0.67 0.00	50.18 -0.40 0.00	47.01 -0.34 0.00	39.48 -0.60 0.00	36.90 -0.60 0.00
NEG NORTH___ALICE_FALLS 23915	32.05 -0.17 0.00	21.28 -0.17 0.00	9.75 -0.08 0.00	10.31 -0.08 0.00	26.56 -0.20 0.00	27.19 -0.16 0.00	28.72 -0.07 0.00	29.13 -0.07 0.00	28.77 -0.17 0.00	29.02 -0.07 0.00	16.10 -0.13 0.00	21.74 -0.21 0.00	29.80 -0.33 0.00	28.93 -0.37 0.00	31.36 -0.40 0.00	34.81 -0.32 0.00	35.19 -0.36 0.00	41.60 -0.52 0.00	40.83 -0.22 0.00	42.24 0.01 0.00	51.12 0.54 0.00	47.88 0.53 0.00	40.28 0.19 0.00	37.63 0.13 0.00
NEG NORTH___LWR_SARANAC 23913	32.05 -0.17 0.00	21.28 -0.17 0.00	9.75 -0.08 0.00	10.31 -0.08 0.00	26.56 -0.20 0.00	27.19 -0.16 0.00	28.72 -0.07 0.00	29.13 -0.07 0.00	28.77 -0.17 0.00	29.02 -0.07 0.00	16.10 -0.13 0.00	21.74 -0.21 0.00	29.80 -0.33 0.00	28.93 -0.37 0.00	31.36 -0.40 0.00	34.81 -0.32 0.00	35.19 -0.36 0.00	41.60 -0.52 0.00	40.83 -0.22 0.00	42.24 0.01 0.00	51.12 0.54 0.00	47.88 0.53 0.00	40.28 0.19 0.00	37.63 0.13 0.00
NEG NORTH___PLATTSBURG 23628	32.05 -0.17 0.00	21.28 -0.17 0.00	9.75 -0.08 0.00	10.31 -0.08 0.00	26.56 -0.20 0.00	27.19 -0.16 0.00	28.72 -0.07 0.00	29.13 -0.07 0.00	28.77 -0.17 0.00	29.02 -0.07 0.00	16.10 -0.13 0.00	21.74 -0.21 0.00	29.80 -0.33 0.00	28.93 -0.37 0.00	31.36 -0.40 0.00	34.81 -0.32 0.00	35.19 -0.36 0.00	41.60 -0.52 0.00	40.83 -0.22 0.00	42.24 0.01 0.00	51.12 0.54 0.00	47.88 0.53 0.00	40.28 0.20 0.00	37.63 0.13 0.00
NEG WEST_LEA_LOCKPORT 23791	30.00 -2.22 0.00	20.51 -1.49 -0.56	11.80 -0.61 -2.58	12.12 -0.63 -2.36	25.09 -1.66 0.00	25.53 -1.82 0.00	26.82 -1.98 0.00	27.48 -1.72 0.00	27.42 -1.53 0.00	27.64 -1.45 0.00	15.48 -0.75 0.00	20.86 -1.09 0.00	28.42 -1.71 0.00	27.81 -1.50 0.00	30.16 -1.61 0.00	32.68 -2.45 0.00	31.95 -2.83 0.77	25.39 -3.56 13.17	24.47 -3.73 12.86	31.76 -3.49 6.99	45.60 -4.32 0.66	41.74 -3.93 1.67	34.47 -3.58 2.04	34.66 -2.85 0.00
NEG WEST___LANCASTR 23811	30.61 -1.62 0.00	20.99 -1.10 -0.65	12.39 -0.45 -3.01	12.66 -0.50 -2.76	25.50 -1.25 0.00	26.02 -1.33 0.00	27.43 -1.36 0.00	28.05 -1.14 0.00	28.05 -0.90 0.00	28.22 -0.87 0.00	15.78 -0.45 0.00	21.30 -0.65 0.00	29.15 -0.98 0.00	28.50 -0.80 0.00	30.89 -0.88 0.00	33.63 -1.50 0.00	32.92 -1.73 0.90	24.63 -2.10 15.38	23.96 -2.21 14.89	32.11 -2.02 8.10	47.04 -2.76 0.77	42.78 -2.62 1.95	35.33 -2.40 2.37	35.50 -2.01 0.00

NEG_PENN_ALLEGHNY 23528	32.17 -0.06 0.00	22.72 -0.01 -1.28	15.81 0.03 -5.95	15.85 0.00 -5.45	26.73 -0.02 0.00	27.34 0.00 0.00	28.82 0.02 0.00	29.14 -0.05 0.00	28.90 -0.04 0.00	28.94 -0.15 0.00	16.15 -0.08 0.00	21.87 -0.09 0.00	30.01 -0.12 0.00	29.26 -0.05 0.00	31.76 0.00 0.00	35.10 -0.02 0.00	35.73 0.05 -0.13	45.30 0.15 -3.04	44.75 0.29 -3.41	45.30 0.38 -2.68	52.02 0.13 -1.31	48.24 -0.08 -0.97	40.60 -0.02 -0.53	37.44 -0.06 0.00
NEG___GEN_MONROE 24207	31.25 -0.98 0.00	21.22 -0.68 -0.46	11.68 -0.27 -2.13	12.05 -0.29 -1.95	25.98 -0.77 0.00	26.52 -0.83 0.00	27.92 -0.88 0.00	28.41 -0.78 0.00	28.19 -0.76 0.00	28.35 -0.75 0.00	15.84 -0.39 0.00	21.39 -0.57 0.00	29.24 -0.89 0.00	28.57 -0.74 0.00	31.06 -0.70 0.00	33.97 -1.15 0.00	34.03 -1.34 0.18	37.32 -1.70 3.10	36.27 -1.73 3.06	39.27 -1.30 1.66	48.87 -1.55 0.15	45.48 -1.48 0.39	38.05 -1.55 0.48	36.28 -1.22 0.00
NEPA___ENERGY 23901	30.53 -1.70 0.00	20.99 -1.11 -0.65	12.46 -0.40 -3.04	12.69 -0.49 -2.78	25.47 -1.28 0.00	26.01 -1.34 0.00	27.49 -1.31 0.00	27.98 -1.21 0.00	27.99 -0.95 0.00	28.06 -1.03 0.00	15.72 -0.51 0.00	21.26 -0.69 0.00	29.18 -0.95 0.00	28.57 -0.73 0.00	30.93 -0.83 0.00	33.86 -1.27 0.00	33.19 -1.43 0.93	24.29 -1.90 15.92	23.81 -1.82 15.43	32.14 -1.70 8.39	47.32 -2.46 0.80	42.77 -2.55 2.02	35.50 -2.14 2.45	35.62 -1.88 0.00
NEVERSINK___HYD 23608	33.39 1.16 0.00	25.79 0.83 -3.52	26.56 0.37 -16.36	25.75 0.37 -14.99	27.64 0.89 0.00	28.30 0.95 0.00	29.87 1.08 0.00	30.45 1.26 0.00	30.04 1.10 0.00	30.06 0.97 0.00	16.81 0.58 0.00	22.82 0.87 0.00	31.43 1.30 0.00	30.66 1.36 0.00	33.39 1.62 0.00	37.23 2.11 0.00	37.88 2.33 0.00	55.73 3.00 -10.61	56.33 3.03 -12.24	55.43 2.98 -10.22	53.22 2.65 0.00	49.38 2.09 0.05	42.04 1.95 0.00	39.09 1.59 0.00
NEWKRMKL_115KV_TB1 55635	33.34 1.11 0.00	27.15 0.85 -4.85	32.75 0.39 -22.54	31.44 0.40 -20.65	27.79 1.04 0.00	28.39 1.04 0.00	29.86 1.06 0.00	30.21 1.02 0.00	29.62 0.68 0.00	29.60 0.51 0.00	16.53 0.30 0.00	22.41 0.45 0.00	30.86 0.73 0.00	29.97 0.67 0.00	32.50 0.74 0.00	36.09 0.97 0.00	36.54 0.99 0.00	52.62 1.19 -9.31	52.99 1.19 -10.74	52.26 1.06 -8.96	51.62 1.04 0.00	48.01 0.88 0.21	41.02 0.93 0.00	38.35 0.85 0.00
NEWTON___FALLS_HYD 23847	31.11 -1.12 0.00	20.73 -0.81 -0.10	9.92 -0.36 -0.45	10.49 -0.32 -0.41	26.10 -0.65 0.00	26.78 -0.56 0.00	28.24 -0.56 0.00	28.36 -0.83 0.00	28.12 -0.83 0.00	28.38 -0.71 0.00	15.71 -0.51 0.00	21.03 -0.92 0.00	28.96 -1.18 0.00	28.37 -0.93 0.00	30.73 -1.03 0.00	33.47 -1.65 0.00	33.67 -1.89 0.00	40.36 -1.76 0.00	39.57 -1.65 -0.17	41.68 -1.06 -0.49	50.65 -0.79 -0.86	46.67 -1.17 -0.50	39.06 -1.15 -0.13	36.34 -1.16 0.00
NGRID_A1_DSASP 323792	29.54 -2.69 0.00	20.22 -1.79 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.82 0.00	15.29 -0.94 0.00	20.62 -1.34 0.00	28.05 -2.09 0.00	27.42 -1.88 0.00	29.74 -2.02 0.00	32.20 -2.92 0.00	31.41 -3.34 0.80	24.34 -4.09 13.68	23.60 -4.28 13.18	30.92 -4.15 7.17	44.59 -5.31 0.69	40.75 -4.86 1.73	33.74 -4.25 2.10	34.06 -3.44 0.00
NGRID_A2_DSASP 323793	29.54 -2.69 0.00	20.22 -1.79 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.82 0.00	15.29 -0.94 0.00	20.62 -1.34 0.00	28.05 -2.09 0.00	27.42 -1.88 0.00	29.74 -2.02 0.00	32.20 -2.92 0.00	31.41 -3.34 0.80	24.34 -4.09 13.68	23.60 -4.28 13.18	30.92 -4.15 7.17	44.59 -5.31 0.69	40.75 -4.86 1.73	33.74 -4.25 2.10	34.06 -3.44 0.00
NGRID_A4_DSASP 323807	29.54 -2.69 0.00	20.22 -1.79 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.82 0.00	15.29 -0.94 0.00	20.62 -1.34 0.00	28.05 -2.09 0.00	27.42 -1.88 0.00	29.74 -2.02 0.00	32.20 -2.92 0.00	31.41 -3.34 0.80	24.34 -4.09 13.68	23.60 -4.28 13.18	30.92 -4.15 7.17	44.59 -5.31 0.69	40.75 -4.86 1.73	33.74 -4.25 2.10	34.06 -3.44 0.00
NIAGARA_115E_LBMP 323715	29.50 -2.73 0.00	20.18 -1.83 -0.56	11.70 -0.75 -2.62	12.02 -0.78 -2.40	24.73 -2.02 0.00	25.12 -2.23 0.00	26.36 -2.44 0.00	27.03 -2.17 0.00	26.99 -1.96 0.00	27.22 -1.87 0.00	15.27 -0.96 0.00	20.58 -1.37 0.00	27.99 -2.14 0.00	27.40 -1.90 0.00	29.70 -2.07 0.00	32.15 -2.97 0.00	31.36 -3.41 0.78	24.59 -4.14 13.39	23.75 -4.32 12.98	30.92 -4.25 7.07	44.46 -5.44 0.67	40.72 -4.93 1.70	33.68 -4.35 2.06	34.00 -3.51 0.00
NIAGARA_115W_LBMP 323714	29.45 -2.77 0.00	20.15 -1.87 -0.57	11.70 -0.77 -2.64	12.00 -0.81 -2.42	24.67 -2.08 0.00	25.08 -2.26 0.00	26.31 -2.49 0.00	26.99 -2.21 0.00	26.95 -2.00 0.00	27.19 -1.91 0.00	15.25 -0.98 0.00	20.56 -1.39 0.00	27.95 -2.18 0.00	27.36 -1.94 0.00	29.66 -2.10 0.00	32.11 -3.02 0.00	31.32 -3.43 0.80	24.39 -4.05 13.68	23.66 -4.22 13.18	30.88 -4.18 7.17	44.38 -5.51 0.69	40.58 -5.03 1.73	33.64 -4.35 2.10	33.95 -3.55 0.00
NIAGARA_230_LBMP 323716	29.80 -2.42 0.00	20.38 -1.61 -0.55	11.74 -0.66 -2.57	12.05 -0.70 -2.36	24.91 -1.84 0.00	25.36 -1.99 0.00	26.66 -2.14 0.00	27.33 -1.86 0.00	27.32 -1.62 0.00	27.56 -1.53 0.00	15.41 -0.82 0.00	20.79 -1.17 0.00	28.36 -1.77 0.00	27.75 -1.56 0.00	30.08 -1.68 0.00	32.59 -2.54 0.00	31.92 -2.90 0.73	25.90 -3.67 12.55	24.60 -3.88 12.57	31.66 -3.74 6.83	45.34 -4.60 0.63	41.57 -4.18 1.59	34.28 -3.82 1.98	34.41 -3.08 0.00
NIAGARA___115KV_198_GIBSON 55903	29.45 -2.78 0.00	20.15 -1.86 -0.57	11.70 -0.77 -2.64	12.00 -0.81 -2.42	24.67 -2.08 0.00	25.08 -2.27 0.00	26.31 -2.49 0.00	26.99 -2.21 0.00	26.95 -1.99 0.00	27.19 -1.91 0.00	15.24 -0.99 0.00	20.56 -1.40 0.00	27.94 -2.19 0.00	27.33 -1.97 0.00	29.63 -2.13 0.00	32.09 -3.04 0.00	31.30 -3.45 0.80	24.28 -4.15 13.68	23.55 -4.34 13.18	30.84 -4.22 7.17	44.39 -5.50 0.69	40.55 -5.06 1.73	33.63 -4.36 2.10	33.95 -3.55 0.00
NIAGARA____ 23760	29.80 -2.42 0.00	20.40 -1.61 -0.57	11.80 -0.66 -2.63	12.10 -0.70 -2.41	24.91 -1.84 0.00	25.36 -1.99 0.00	26.66 -2.14 0.00	27.33 -1.86 0.00	27.32 -1.62 0.00	27.56 -1.53 0.00	15.41 -0.82 0.00	20.79 -1.17 0.00	28.36 -1.77 0.00	27.75 -1.56 0.00	30.08 -1.68 0.00	32.59 -2.54 0.00	31.90 -2.90 0.76	25.52 -3.67 12.92	24.43 -3.88 12.74	31.56 -3.74 6.93	45.32 -4.60 0.65	41.53 -4.18 1.63	34.25 -3.82 2.01	34.41 -3.08 0.00
NINE_MILE_1 23575	31.32 -0.91 0.00	21.09 -0.60 -0.24	10.68 -0.26 -1.11	11.13 -0.28 -1.02	26.02 -0.74 0.00	26.61 -0.74 0.00	27.99 -0.81 0.00	28.33 -0.86 0.00	28.06 -0.88 0.00	28.17 -0.92 0.00	15.73 -0.50 0.00	21.24 -0.71 0.00	29.04 -1.09 0.00	28.22 -1.08 0.00	30.60 -1.16 0.00	33.77 -1.35 0.00	34.20 -1.35 0.00	40.56 -1.55 0.00	36.35 -1.49 3.22	31.51 -1.43 9.30	32.58 -1.80 16.20	36.23 -1.76 9.35	36.15 -1.50 2.43	36.21 -1.29 0.00

NINE_MILE_2 23744	31.32 -0.90 0.00	21.09 -0.60 -0.24	10.68 -0.26 -1.11	11.13 -0.28 -1.02	26.02 -0.73 0.00	26.61 -0.74 0.00	27.99 -0.81 0.00	28.33 -0.86 0.00	28.06 -0.88 0.00	28.17 -0.92 0.00	15.73 -0.50 0.00	21.24 -0.71 0.00	29.04 -1.09 0.00	28.22 -1.08 0.00	30.60 -1.16 0.00	33.78 -1.34 0.00	34.20 -1.35 0.00	40.57 -1.55 0.00	36.31 -1.49 3.27	31.38 -1.43 9.44	32.33 -1.80 16.44	36.09 -1.76 9.49	36.12 -1.50 2.47	36.21 -1.29 0.00
NM_CAPITAL___DRP 24208	33.39 1.17 0.00	27.17 0.89 -4.84	32.71 0.41 -22.48	31.41 0.42 -20.59	27.83 1.08 0.00	28.44 1.09 0.00	29.91 1.11 0.00	30.29 1.09 0.00	29.74 0.79 0.00	29.70 0.60 0.00	16.57 0.35 0.00	22.47 0.52 0.00	30.92 0.79 0.00	29.95 0.65 0.00	32.47 0.71 0.00	36.05 0.93 0.00	36.48 0.93 0.00	53.90 1.11 -10.67	54.48 1.11 -12.31	53.47 0.96 -10.27	51.54 0.96 0.00	48.45 0.82 -0.29	40.98 0.89 0.00	38.32 0.82 0.00
NM_CENTRAL___DRP 24181	31.83 -0.39 0.00	21.53 -0.26 -0.35	11.34 -0.10 -1.61	11.75 -0.12 -1.47	26.44 -0.31 0.00	27.04 -0.30 0.00	28.46 -0.33 0.00	28.80 -0.39 0.00	28.53 -0.42 0.00	28.63 -0.46 0.00	15.99 -0.24 0.00	21.62 -0.33 0.00	29.56 -0.57 0.00	28.76 -0.54 0.00	31.20 -0.56 0.00	34.46 -0.66 0.00	34.93 -0.62 0.00	41.50 -0.62 0.00	40.80 -0.58 -0.32	42.71 -0.45 -0.92	51.51 -0.68 -1.61	47.50 -0.78 -0.93	39.63 -0.70 -0.24	36.89 -0.61 0.00
NM_FRONTIER___DRP 24179	29.45 -2.78 0.00	20.15 -1.86 -0.57	11.70 -0.77 -2.64	12.00 -0.81 -2.42	24.67 -2.08 0.00	25.08 -2.27 0.00	26.31 -2.49 0.00	26.99 -2.21 0.00	26.95 -1.99 0.00	27.19 -1.91 0.00	15.24 -0.99 0.00	20.56 -1.40 0.00	27.94 -2.19 0.00	27.33 -1.97 0.00	29.63 -2.13 0.00	32.09 -3.04 0.00	31.30 -3.45 0.80	24.28 -4.15 13.68	23.55 -4.34 13.18	30.84 -4.22 7.17	44.39 -5.50 0.69	40.55 -5.06 1.73	33.63 -4.36 2.10	33.95 -3.55 0.00
NM_ST_REGIS___HYD 24053	31.44 -0.79 0.00	20.87 -0.57 0.00	9.56 -0.26 0.00	10.14 -0.25 0.00	26.15 -0.60 0.00	26.76 -0.59 0.00	28.26 -0.54 0.00	28.61 -0.59 0.00	28.35 -0.60 0.00	28.66 -0.43 0.00	15.88 -0.35 0.00	21.26 -0.69 0.00	29.38 -0.75 0.00	28.66 -0.64 0.00	31.01 -0.75 0.00	33.99 -1.13 0.00	34.18 -1.37 0.00	40.49 -1.63 0.00	39.42 -1.64 0.00	40.96 -1.28 0.00	49.63 -0.94 0.00	46.51 -0.84 0.00	39.20 -0.89 0.00	36.67 -0.83 0.00
NORTHPORT___1 23551	35.65 2.31 -1.11	27.00 1.64 -3.91	28.81 0.79 -18.19	27.83 0.78 -16.66	28.63 1.87 0.00	29.33 1.99 0.00	30.93 2.13 0.00	31.41 2.22 0.00	30.94 2.00 0.00	31.11 2.02 0.01	16.82 1.22 0.63	23.89 1.77 -0.17	32.48 2.50 0.15	32.31 2.56 -0.44	35.36 3.00 -0.60	42.18 3.53 -3.53	40.96 3.58 -1.83	62.53 3.94 -16.48	63.77 3.70 -19.02	61.37 3.26 -15.87	53.39 2.81 0.00	49.54 2.20 0.00	42.81 2.72 0.00	39.80 2.30 0.00
NORTHPORT___2 23552	35.65 2.31 -1.11	27.00 1.64 -3.91	28.81 0.79 -18.19	27.83 0.78 -16.66	28.63 1.87 0.00	29.33 1.99 0.00	30.93 2.13 0.00	31.41 2.22 0.00	30.94 2.00 0.00	31.11 2.02 0.01	16.82 1.22 0.63	23.89 1.77 -0.17	32.48 2.50 0.15	32.31 2.56 -0.44	35.36 3.00 -0.60	42.18 3.53 -3.53	40.96 3.58 -1.83	62.53 3.94 -16.48	63.77 3.70 -19.02	61.37 3.26 -15.87	53.39 2.81 0.00	49.54 2.20 0.00	42.81 2.72 0.00	39.80 2.30 0.00
NORTHPORT___3 23553	35.59 2.25 -1.12	26.97 1.61 -3.92	28.79 0.77 -18.19	27.81 0.76 -16.66	28.57 1.82 0.00	29.28 1.94 0.00	30.86 2.07 0.00	31.36 2.16 0.00	30.89 1.94 0.00	31.07 1.99 0.01	16.81 1.21 0.63	23.89 1.76 -0.17	32.48 2.50 0.15	32.31 2.57 -0.44	35.36 3.00 -0.60	42.19 3.53 -3.53	40.92 3.55 -1.83	62.49 3.90 -16.48	63.72 3.65 -19.02	61.34 3.23 -15.87	53.35 2.77 0.00	49.50 2.15 0.00	42.76 2.67 0.00	39.76 2.26 0.00
NORTHPORT___4 23650	35.59 2.25 -1.12	26.97 1.61 -3.92	28.79 0.77 -18.19	27.81 0.76 -16.66	28.57 1.82 0.00	29.28 1.94 0.00	30.86 2.07 0.00	31.36 2.16 0.00	30.89 1.94 0.00	31.07 1.99 0.01	16.81 1.21 0.63	23.89 1.76 -0.17	32.48 2.50 0.15	32.31 2.57 -0.44	35.36 3.00 -0.60	42.19 3.53 -3.53	40.92 3.55 -1.83	62.49 3.90 -16.48	63.72 3.65 -19.02	61.34 3.23 -15.87	53.35 2.77 0.00	49.50 2.15 0.00	42.76 2.67 0.00	39.76 2.26 0.00
NORTHPORT___IC 23718	35.65 2.31 -1.11	27.00 1.64 -3.91	28.81 0.79 -18.19	27.83 0.78 -16.66	28.62 1.87 0.00	29.33 1.99 0.00	30.93 2.13 0.00	31.42 2.22 0.00	30.94 2.00 0.00	31.10 2.02 0.01	16.82 1.22 0.63	23.89 1.77 -0.17	32.47 2.49 0.15	32.31 2.56 -0.44	35.36 2.99 -0.60	42.18 3.53 -3.53	40.96 3.58 -1.83	62.54 3.95 -16.48	63.77 3.70 -19.02	61.38 3.27 -15.87	53.39 2.82 0.00	49.55 2.21 0.00	42.81 2.72 0.00	39.80 2.30 0.00
NORTH___COUNTRY_ESR 323785	31.51 -0.72 0.00	20.92 -0.53 0.00	9.59 -0.24 0.00	10.17 -0.23 0.00	26.17 -0.58 0.00	26.76 -0.58 0.00	28.27 -0.52 0.00	28.82 -0.37 0.00	28.62 -0.32 0.00	28.91 -0.18 0.00	16.02 -0.21 0.00	21.56 -0.39 0.00	29.60 -0.53 0.00	28.77 -0.53 0.00	31.18 -0.58 0.00	34.53 -0.59 0.00	34.93 -0.62 0.00	41.20 -0.91 0.00	40.22 -0.84 0.00	41.55 -0.69 0.00	50.17 -0.40 0.00	46.98 -0.37 0.00	39.48 -0.61 0.00	36.89 -0.61 0.00
NPX_GEN_1385_PROXY 323591	35.79 2.45 -1.11	27.19 1.83 -3.91	31.24 1.08 -20.33	43.55 1.06 -32.09	29.08 2.33 0.00	29.69 2.46 0.12	30.76 2.52 0.56	31.65 2.45 0.00	30.82 2.23 0.35	31.21 2.13 0.01	16.69 1.09 0.63	23.58 1.46 -0.17	30.03 1.63 1.73	28.31 1.73 2.72	34.61 2.24 -0.60	41.37 2.71 -3.53	40.50 3.12 -1.83	61.67 3.08 -16.48	63.82 3.25 -19.52	60.90 2.79 -15.87	53.51 2.94 0.00	52.95 2.54 -3.07	43.09 3.00 0.00	40.08 2.58 0.00
NPX_GEN_CSC 323557	36.00 2.64 -1.13	27.18 1.82 -3.92	28.86 0.85 -18.19	27.89 0.84 -16.66	28.83 2.08 0.00	29.47 2.24 0.12	30.66 2.42 0.56	31.70 2.50 0.00	30.75 2.16 0.35	31.22 2.14 0.01	16.87 1.27 0.63	23.97 1.85 -0.17	32.60 2.62 0.15	32.45 2.70 -0.44	35.54 3.17 -0.60	42.47 3.81 -3.53	41.38 4.00 -1.83	63.18 4.59 -16.48	64.88 4.31 -19.52	62.03 3.93 -15.87	54.13 3.55 0.00	53.21 2.79 -3.07	43.25 3.16 0.00	39.93 2.43 0.00
NSINS_S_GLNS_FALLS 23858	34.40 2.17 0.00	27.88 1.46 -4.98	33.66 0.70 -23.14	32.33 0.73 -21.20	28.67 1.92 0.00	29.43 2.08 0.00	31.02 2.23 0.00	31.31 2.11 0.00	30.65 1.71 0.00	30.44 1.35 0.00	16.91 0.68 0.00	22.96 1.01 0.00	31.70 1.57 0.00	30.80 1.50 0.00	33.47 1.71 0.00	37.37 2.25 0.00	37.91 2.36 0.00	52.46 3.13 -7.22	52.53 3.14 -8.33	52.50 3.30 -6.95	54.36 3.78 0.00	51.44 3.63 -0.48	43.12 3.04 0.00	40.39 2.89 0.00
NUCOR_STEEL___DRP 24197	32.30 0.08 0.00	21.96 0.03 -0.48	12.07 0.01 -2.23	12.46 0.02 -2.04	26.70 -0.06 0.00	27.43 0.08 0.00	28.88 0.08 0.00	29.01 -0.18 0.00	28.68 -0.26 0.00	28.60 -0.49 0.00	15.96 -0.27 0.00	21.64 -0.31 0.00	29.69 -0.44 0.00	28.92 -0.38 0.00	31.39 -0.37 0.00	34.66 -0.46 0.00	35.13 -0.54 -0.12	43.70 -0.39 -1.98	43.41 -0.13 -2.49	44.97 0.13 -2.59	53.29 -0.05 -2.76	49.11 -0.02 -1.79	40.73 -0.07 -0.71	37.45 -0.05 0.00

NUMBER_THREE_WT_PWR 323818	31.02 -1.21 0.00	20.72 -0.86 -0.14	10.09 -0.37 -0.63	10.69 -0.28 -0.58	26.30 -0.45 0.00	27.07 -0.28 0.00	28.52 -0.28 0.00	28.52 -0.67 0.00	28.29 -0.65 0.00	28.53 -0.57 0.00	15.76 -0.47 0.00	21.15 -0.80 0.00	28.96 -1.17 0.00	28.46 -0.84 0.00	30.92 -0.85 0.00	33.59 -1.53 0.00	33.88 -1.68 0.00	40.96 -1.15 0.00	40.42 -0.85 -0.21	42.78 -0.06 -0.61	51.80 0.16 -1.06	47.02 -0.94 -0.61	39.25 -0.99 -0.16	36.38 -1.12 0.00
NYISO_LBMP_REFERENCE 24008	32.23 0.00 0.00	21.45 0.00 0.00	9.83 0.00 0.00	10.40 0.00 0.00	26.75 0.00 0.00	27.35 0.00 0.00	28.80 0.00 0.00	29.19 0.00 0.00	28.94 0.00 0.00	29.09 0.00 0.00	16.23 0.00 0.00	21.95 0.00 0.00	30.13 0.00 0.00	29.30 0.00 0.00	31.76 0.00 0.00	35.12 0.00 0.00	35.55 0.00 0.00	42.11 0.00 0.00	41.06 0.00 0.00	42.24 0.00 0.00	50.58 0.00 0.00	47.34 0.00 0.00	40.09 0.00 0.00	37.50 0.00 0.00
NYPA_BRENTWD____GT 24164	36.01 2.63 -1.15	27.19 1.83 -3.92	28.88 0.86 -18.19	27.91 0.86 -16.66	28.84 2.08 0.00	29.56 2.22 0.00	31.21 2.41 0.00	31.72 2.53 0.00	31.22 2.28 0.00	31.36 2.28 0.01	16.96 1.36 0.63	24.10 1.98 -0.17	32.79 2.81 0.15	32.64 2.90 -0.44	35.75 3.38 -0.60	42.64 3.99 -3.53	41.53 4.14 -1.83	63.25 4.66 -16.48	64.33 4.26 -19.02	61.95 3.84 -15.87	54.05 3.47 0.00	50.14 2.80 0.00	43.35 3.27 0.00	40.21 2.71 0.00
NYPA_GOWANUS____GT5 24156	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.26 2.07 0.00	30.95 2.01 0.00	31.27 1.99 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.38 -20.50	57.04 2.76 -22.51	57.91 3.35 -19.43	58.30 3.49 -19.26	62.97 4.37 -16.49	64.11 4.04 -19.01	62.02 3.92 -15.87	53.99 3.42 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
NYPA_GOWANUS____GT6 24157	34.09 1.86 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.70 0.65 -16.65	28.36 1.61 0.00	29.03 1.68 0.00	30.66 1.86 0.00	31.26 2.07 0.00	30.95 2.01 0.00	31.27 1.99 -0.18	32.86 1.11 -15.51	33.93 1.63 -10.35	41.98 2.36 -9.49	52.18 2.38 -20.50	57.04 2.76 -22.51	57.91 3.35 -19.43	58.30 3.49 -19.26	62.97 4.37 -16.49	64.11 4.04 -19.01	62.02 3.92 -15.87	53.99 3.42 0.00	50.19 2.84 0.00	42.99 2.90 0.00	39.84 2.34 0.00
NYPA_HARLEM__RVR__GT1 24160	34.26 2.03 0.00	26.87 1.51 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.50 1.75 0.00	29.19 1.85 0.00	30.73 1.92 0.00	31.40 2.21 0.00	31.09 2.15 0.00	31.36 2.09 -0.18	32.46 1.14 -15.09	33.68 1.66 -10.06	41.78 2.42 -9.23	51.68 2.44 -19.94	56.46 2.81 -21.89	57.43 3.41 -18.90	57.84 3.56 -18.73	62.98 4.37 -16.49	64.01 3.94 -19.01	61.92 3.81 -15.87	53.91 3.33 0.00	50.12 2.78 0.00	42.94 2.85 0.00	39.85 2.35 0.00
NYPA_HARLEM__RVR__GT2 24161	34.26 2.03 0.00	26.87 1.51 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.50 1.75 0.00	29.19 1.85 0.00	30.73 1.92 0.00	31.40 2.21 0.00	31.09 2.15 0.00	31.36 2.09 -0.18	32.46 1.14 -15.09	33.68 1.66 -10.06	41.78 2.42 -9.23	51.68 2.44 -19.94	56.46 2.81 -21.89	57.43 3.41 -18.90	57.84 3.56 -18.73	62.98 4.37 -16.49	64.01 3.94 -19.01	61.92 3.81 -15.87	53.91 3.33 0.00	50.12 2.78 0.00	42.94 2.85 0.00	39.85 2.35 0.00
NYPA_KENT____GT 24152	34.06 1.84 0.00	26.77 1.41 -3.91	28.65 0.64 -18.18	27.69 0.64 -16.65	28.36 1.60 0.00	29.02 1.68 0.00	30.65 1.85 0.00	31.26 2.06 0.00	30.95 2.01 0.00	31.26 1.98 -0.18	32.87 1.12 -15.51	33.94 1.64 -10.35	42.00 2.38 -9.49	52.19 2.39 -20.50	57.02 2.75 -22.51	57.87 3.32 -19.43	58.25 3.44 -19.26	62.90 4.29 -16.49	64.04 3.97 -19.01	61.93 3.83 -15.87	53.89 3.31 0.00	50.08 2.74 0.00	42.92 2.84 0.00	39.79 2.30 0.00
NYPA_POUCH1____GT 24155	34.01 1.79 0.00	26.75 1.39 -3.91	28.64 0.63 -18.18	27.69 0.65 -16.65	28.36 1.60 0.00	29.02 1.67 0.00	30.65 1.85 0.00	31.23 2.04 0.00	30.91 1.97 0.00	31.21 1.94 -0.18	32.80 1.06 -15.51	33.85 1.55 -10.35	41.85 2.23 -9.49	52.05 2.24 -20.50	56.90 2.63 -22.51	57.78 3.23 -19.43	58.20 3.39 -19.26	62.90 4.30 -16.49	64.09 4.02 -19.01	62.02 3.91 -15.87	53.97 3.39 0.00	50.18 2.83 0.00	42.94 2.85 0.00	39.77 2.28 0.00
NYPA_VERNON____GT2 24162	34.05 1.82 0.00	26.76 1.40 -3.91	28.64 0.63 -18.18	27.69 0.64 -16.65	28.34 1.58 0.00	29.02 1.67 0.00	30.63 1.83 0.00	31.24 2.05 0.00	30.95 2.01 0.00	31.26 1.98 -0.18	32.88 1.14 -15.51	33.95 1.65 -10.35	42.02 2.39 -9.49	52.21 2.41 -20.50	57.02 2.75 -22.51	57.85 3.30 -19.43	58.21 3.40 -19.26	62.85 4.24 -16.49	63.99 3.92 -19.01	61.88 3.77 -15.87	53.82 3.24 0.00	49.99 2.65 0.00	42.85 2.76 0.00	39.76 2.25 0.00
NYPA_VERNON____GT3 24163	34.05 1.82 0.00	26.76 1.40 -3.91	28.64 0.63 -18.18	27.69 0.64 -16.65	28.34 1.58 0.00	29.02 1.67 0.00	30.63 1.83 0.00	31.24 2.05 0.00	30.95 2.01 0.00	31.26 1.98 -0.18	32.88 1.14 -15.51	33.95 1.65 -10.35	42.02 2.39 -9.49	52.21 2.41 -20.50	57.02 2.75 -22.51	57.85 3.30 -19.43	58.21 3.40 -19.26	62.85 4.24 -16.49	63.99 3.92 -19.01	61.88 3.77 -15.87	53.82 3.24 0.00	49.99 2.65 0.00	42.85 2.76 0.00	39.76 2.25 0.00
NYPA__ASTORIA_CC1 323568	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.90 1.96 0.00	31.22 1.95 -0.18	32.86 1.11 -15.51	33.93 1.62 -10.35	41.98 2.36 -9.49	52.17 2.37 -20.50	56.98 2.71 -22.51	57.81 3.25 -19.43	58.15 3.34 -19.26	62.79 4.19 -16.49	63.94 3.86 -19.01	61.81 3.70 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.20 0.00
NYPA__ASTORIA_CC2 323569	34.00 1.77 0.00	26.74 1.38 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.56 0.00	28.99 1.64 0.00	30.59 1.79 0.00	31.20 2.01 0.00	30.90 1.96 0.00	31.22 1.95 -0.18	32.86 1.11 -15.51	33.93 1.62 -10.35	41.98 2.36 -9.49	52.17 2.37 -20.50	56.98 2.71 -22.51	57.81 3.25 -19.43	58.15 3.34 -19.26	62.79 4.19 -16.49	63.94 3.86 -19.01	61.81 3.70 -15.87	53.73 3.16 0.00	49.93 2.59 0.00	42.80 2.71 0.00	39.71 2.20 0.00
NYPA__HOLTSVILL 23794	35.80 2.45 -1.13	27.07 1.71 -3.92	28.82 0.81 -18.19	27.85 0.80 -16.66	28.70 1.94 0.00	29.43 2.08 0.00	31.06 2.26 0.00	31.55 2.35 0.00	31.01 2.06 0.00	31.14 2.05 0.01	16.82 1.22 0.63	23.90 1.78 -0.17	32.51 2.54 0.15	32.36 2.62 -0.44	35.44 3.08 -0.60	42.33 3.68 -3.53	41.20 3.82 -1.83	62.90 4.31 -16.48	64.09 4.02 -19.02	61.71 3.61 -15.87	53.74 3.17 0.00	49.83 2.48 0.00	43.01 2.92 0.00	39.85 2.35 0.00
NYPA__HELLGATE_GT1 24158	34.26 2.03 0.00	26.87 1.51 -3.91	28.70 0.69 -18.18	27.75 0.70 -16.65	28.50 1.75 0.00	29.19 1.85 0.00	30.73 1.92 0.00	31.40 2.21 0.00	31.09 2.15 0.00	31.36 2.09 -0.18	32.46 1.14 -15.09	33.68 1.66 -10.06	41.78 2.42 -9.23	51.68 2.44 -19.94	56.46 2.81 -21.89	57.41 3.39 -18.90	57.81 3.53 -18.73	62.93 4.33 -16.49	64.01 3.93 -19.01	61.92 3.81 -15.87	53.91 3.33 0.00	50.12 2.78 0.00	42.94 2.85 0.00	39.85 2.35 0.00

NYPA_____HELLGATE_GT2 24159	34.26	26.87	28.70	27.75	28.50	29.19	30.73	31.40	31.09	31.36	32.46	33.68	41.78	51.68	56.46	57.41	57.81	62.93	64.01	61.92	53.91	50.12	42.94	39.85
	2.03	1.51	0.69	0.70	1.75	1.85	1.92	2.21	2.15	2.09	1.14	1.66	2.42	2.44	2.81	3.39	3.53	4.33	3.93	3.81	3.33	2.78	2.85	2.35
	0.00	-3.91	-18.18	-16.65	0.00	0.00	0.00	0.00	0.00	-0.18	-15.09	-10.06	-9.23	-19.94	-21.89	-18.90	-18.73	-16.49	-19.01	-15.87	0.00	0.00	0.00	0.00
NYS_BARGE___HYD 23848	30.01	20.50	11.78	12.11	25.09	25.53	26.81	27.47	27.39	27.61	15.47	20.85	28.39	27.81	30.15	32.68	31.99	26.20	25.32	32.22	45.59	41.81	34.59	34.65
	-2.22	-1.50	-0.61	-0.63	-1.66	-1.82	-1.99	-1.73	-1.56	-1.48	-0.76	-1.10	-1.74	-1.49	-1.61	-2.45	-2.84	-3.49	-3.64	-3.44	-4.36	-3.96	-3.58	-2.85
	0.00	-0.55	-2.56	-2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	12.42	12.10	6.58	0.62	1.57	1.92	0.00
OAK ORCHARD___HYD 24046	31.15	21.15	11.63	12.00	25.89	26.43	27.83	28.35	28.19	28.39	15.87	21.44	29.32	28.65	31.14	34.07	34.17	37.93	36.83	39.48	48.76	45.36	37.99	36.16
	-1.08	-0.75	-0.30	-0.33	-0.87	-0.92	-0.97	-0.84	-0.75	-0.70	-0.36	-0.51	-0.81	-0.65	-0.62	-1.06	-1.22	-1.52	-1.58	-1.32	-1.68	-1.64	-1.69	-1.35
	0.00	-0.45	-2.10	-1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	2.67	2.64	1.44	0.13	0.34	0.42	0.00
OAKDALE___35_KV_LOAD 356122	32.09	22.66	15.75	15.79	26.68	27.28	28.74	29.07	28.84	28.88	16.13	21.82	29.95	29.19	31.69	35.03	35.64	45.30	44.72	45.16	51.78	48.06	40.50	37.32
	-0.14	-0.06	0.01	-0.02	-0.08	-0.07	-0.06	-0.13	-0.10	-0.21	-0.10	-0.13	-0.18	-0.11	-0.07	-0.10	-0.06	0.01	0.12	0.19	-0.08	-0.26	-0.14	-0.18
	0.00	-1.28	-5.91	-5.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-3.17	-3.54	-2.74	-1.29	-0.97	-0.55	0.00
OCC_CHEM___DRP 24175	29.54	20.22	11.73	12.04	24.75	25.16	26.41	27.08	27.04	27.28	15.29	20.62	28.05	27.42	29.74	32.20	31.41	24.34	23.60	30.92	44.59	40.75	33.74	34.06
	-2.69	-1.79	-0.74	-0.77	-2.00	-2.19	-2.39	-2.12	-1.90	-1.82	-0.94	-1.34	-2.09	-1.88	-2.02	-2.92	-3.34	-4.09	-4.28	-4.15	-5.31	-4.86	-4.25	-3.44
	0.00	-0.57	-2.64	-2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	13.68	13.18	7.17	0.69	1.73	2.10	0.00
OH_GEN_PROXY 24063	29.83	20.41	11.76	12.07	24.93	25.27	26.14	27.37	27.01	27.61	15.43	20.82	28.41	27.80	30.14	32.66	32.05	26.91	26.15	32.29	45.52	108.56	2.50	34.46
	-2.40	-1.60	-0.65	-0.69	-1.83	-1.96	-2.10	-1.82	-1.58	-1.49	-0.80	-1.14	-1.72	-1.51	-1.62	-2.46	-2.82	-3.55	-3.76	-3.62	-4.47	-4.07	-3.72	-3.04
	0.00	-0.56	-2.58	-2.37	0.00	0.12	0.56	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	11.64	11.15	6.33	0.58	-65.29	33.87	0.00
OLIN_CORP_DRP 24177	29.54	20.22	11.73	12.04	24.75	25.16	26.41	27.08	27.04	27.28	15.29	20.62	28.05	27.42	29.74	32.20	31.41	24.34	23.60	30.92	44.59	40.75	33.74	34.06
	-2.69	-1.79	-0.74	-0.77	-2.00	-2.19	-2.39	-2.12	-1.90	-1.82	-0.94	-1.34	-2.09	-1.88	-2.02	-2.92	-3.34	-4.09	-4.28	-4.15	-5.31	-4.86	-4.25	-3.44
	0.00	-0.57	-2.64	-2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	13.68	13.18	7.17	0.69	1.73	2.10	0.00
OLIN_CORP_DSASP 323712	29.54	20.22	11.73	12.04	24.75	25.16	26.41	27.08	27.04	27.28	15.29	20.62	28.05	27.42	29.74	32.20	31.41	24.34	23.60	30.92	44.59	40.75	33.74	34.06
	-2.69	-1.79	-0.74	-0.77	-2.00	-2.19	-2.39	-2.12	-1.90	-1.82	-0.94	-1.34	-2.09	-1.88	-2.02	-2.92	-3.34	-4.09	-4.28	-4.15	-5.31	-4.86	-4.25	-3.44
	0.00	-0.57	-2.64	-2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	13.68	13.18	7.17	0.69	1.73	2.10	0.00
ONEIDA_HERK_LFGE 323681	32.22	21.51	10.36	10.92	26.95	27.64	29.12	29.27	28.93	29.03	16.13	21.76	29.84	29.14	31.63	34.77	35.24	42.25	41.54	43.36	52.20	48.13	40.44	37.61
	-0.01	-0.05	-0.01	0.03	0.20	0.30	0.33	0.07	-0.02	-0.06	-0.09	-0.19	-0.29	-0.16	-0.13	-0.35	-0.31	0.13	0.36	0.79	1.04	0.45	0.26	0.11
	0.00	-0.12	-0.54	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.34	-0.59	-0.34	-0.09	0.00
ONEIDA___115KV_TB4 55905	32.81	22.02	11.05	11.53	27.26	27.93	29.41	29.57	29.16	29.21	16.28	22.01	30.17	29.39	31.88	35.23	35.81	42.77	42.09	43.88	52.93	49.01	41.09	38.21
	0.58	0.35	0.17	0.18	0.51	0.58	0.61	0.37	0.21	0.12	0.05	0.06	0.04	0.09	0.12	0.11	0.26	0.66	0.86	1.14	1.49	1.16	0.87	0.71
	0.00	-0.22	-1.04	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.50	-0.87	-0.50	-0.13	0.00
ONONDAGA_REF_OCCRA 23987	31.98	21.71	11.77	12.16	26.55	27.17	28.60	28.92	28.62	28.70	16.02	21.67	29.63	28.84	31.29	34.57	35.06	41.67	41.09	43.15	52.16	48.00	39.93	37.10
	-0.24	-0.16	-0.06	-0.07	-0.20	-0.18	-0.20	-0.27	-0.33	-0.39	-0.21	-0.28	-0.50	-0.46	-0.47	-0.55	-0.49	-0.44	-0.36	-0.20	-0.35	-0.46	-0.45	-0.40
	0.00	-0.43	-2.00	-1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-1.11	-1.93	-1.11	-0.29	0.00
ONONDAGA___COGEN 23986	32.00	21.70	11.64	12.03	26.56	27.19	28.61	28.90	28.59	28.67	16.00	21.64	29.60	28.80	31.25	34.52	34.99	41.62	41.23	43.68	53.09	48.52	40.04	37.08
	-0.22	-0.15	-0.06	-0.07	-0.20	-0.16	-0.18	-0.29	-0.35	-0.43	-0.23	-0.31	-0.53	-0.50	-0.52	-0.60	-0.56	-0.49	-0.41	-0.25	-0.43	-0.52	-0.49	-0.42
	0.00	-0.40	-1.86	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-1.69	-2.94	-1.70	-0.44	0.00
ONTARIO___LFGE 23819	32.66	22.31	13.04	13.30	26.94	27.60	29.15	29.34	28.92	28.89	16.12	21.77	29.82	29.11	31.60	34.87	36.42	60.87	60.36	54.55	54.77	51.76	43.87	37.95
	0.43	0.19	0.13	0.08	0.19	0.26	0.35	0.15	-0.03	-0.20	-0.11	-0.18	-0.31	-0.19	-0.16	-0.26	-0.23	0.10	0.40	1.08	1.19	0.86	0.55	0.45
	0.00	-0.66	-3.09	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-18.65	-18.90	-11.24	-3.00	-3.55	-3.23	0.00
ORANGEVILLE_WT_PWR 323706	30.81	21.09	12.55	12.80	25.53	26.06	27.46	27.82	27.72	27.93	15.63	21.06	28.75	28.14	30.48	33.26	30.77	-5.80	-6.03	15.92	45.80	39.12	30.68	35.61
	-1.41	-1.03	-0.43	-0.48	-1.23	-1.28	-1.34	-1.37	-1.22	-1.17	-0.60	-0.90	-1.38	-1.16	-1.28	-1.86	-2.12	-2.49	-2.39	-2.01	-2.50	-2.47	-2.34	-1.89
	0.00	-0.68	-3.15	-2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66	45.43	44.70	24.31	2.28	5.76	7.07	0.00
ORANGEVILLE___ESR 323794	30.81	21.09	12.55	12.80	25.53	26.06	27.46	27.82	27.72	27.93	15.63	21.06	28.75	28.14	30.48	33.26	30.77	-5.80	-6.03	15.92	45.80	39.12	30.68	35.61
	-1.41	-1.03	-0.43	-0.48	-1.23	-1.28	-1.34	-1.37	-1.22	-1.17	-0.60	-0.90	-1.38	-1.16	-1.28	-1.86	-2.12	-2.49	-2.39	-2.01	-2.50	-2.47	-2.34	-1.89
	0.00	-0.68	-3.15	-2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66	45.43	44.70	24.31	2.28	5.76	7.07	0.00

OSWEGATCHIE___HYD 24044	31.11 -1.12 0.00	20.74 -0.81 -0.10	9.92 -0.36 -0.45	10.49 -0.32 -0.41	26.10 -0.65 0.00	26.78 -0.56 0.00	28.24 -0.56 0.00	28.36 -0.83 0.00	28.12 -0.83 0.00	28.38 -0.71 0.00	15.71 -0.51 0.00	21.03 -0.92 0.00	28.96 -1.18 0.00	28.37 -0.94 0.00	30.73 -1.03 0.00	33.47 -1.65 0.00	33.67 -1.89 0.00	40.36 -1.76 0.00	39.57 -1.65 -0.17	41.68 -1.06 -0.49	50.65 -0.78 -0.86	46.67 -1.17 -0.50	39.06 -1.15 -0.13	36.34 -1.17 0.00
OSWEGO___5 23606	31.51 -0.72 0.00	21.25 -0.47 -0.28	10.92 -0.20 -1.30	11.36 -0.22 -1.19	26.17 -0.58 0.00	26.76 -0.58 0.00	28.16 -0.64 0.00	28.50 -0.69 0.00	28.23 -0.72 0.00	28.34 -0.76 0.00	15.81 -0.41 0.00	21.37 -0.58 0.00	29.23 -0.90 0.00	28.42 -0.88 0.00	30.82 -0.95 0.00	34.02 -1.11 0.00	34.43 -1.12 0.00	40.86 -1.26 0.00	42.26 -1.19 -2.40	48.06 -1.11 -6.93	61.22 -1.43 -12.07	52.90 -1.42 -6.97	40.70 -1.21 -1.81	36.46 -1.04 0.00
OSWEGO___6 23613	31.51 -0.72 0.00	21.25 -0.47 -0.28	10.92 -0.20 -1.30	11.36 -0.22 -1.19	26.17 -0.58 0.00	26.76 -0.58 0.00	28.16 -0.64 0.00	28.50 -0.69 0.00	28.23 -0.72 0.00	28.34 -0.76 0.00	15.81 -0.41 0.00	21.37 -0.58 0.00	29.23 -0.90 0.00	28.42 -0.88 0.00	30.82 -0.95 0.00	34.02 -1.11 0.00	34.43 -1.12 0.00	40.86 -1.26 0.00	42.26 -1.19 -2.40	48.06 -1.11 -6.93	61.22 -1.43 -12.07	52.90 -1.42 -6.97	40.70 -1.21 -1.81	36.46 -1.04 0.00
OUTOKUMPU-AB___DRP 24206	30.29 -1.93 0.00	20.72 -1.30 -0.58	11.98 -0.52 -2.68	12.30 -0.55 -2.45	25.30 -1.46 0.00	25.75 -1.60 0.00	27.07 -1.73 0.00	27.73 -1.47 0.00	27.69 -1.25 0.00	27.92 -1.18 0.00	15.65 -0.58 0.00	21.10 -0.86 0.00	28.72 -1.41 0.00	28.12 -1.18 0.00	30.51 -1.25 0.00	33.08 -2.04 0.00	32.31 -2.40 0.84	24.68 -3.01 14.43	23.93 -3.17 13.96	31.69 -2.95 7.60	46.05 -3.80 0.72	42.02 -3.50 1.83	34.70 -3.17 2.22	34.99 -2.52 0.00
OXBOW___BTM 323836	30.04 -2.19 0.00	20.54 -1.48 -0.57	11.89 -0.60 -2.66	12.21 -0.62 -2.44	25.12 -1.63 0.00	25.55 -1.80 0.00	26.85 -1.95 0.00	27.52 -1.68 0.00	27.47 -1.47 0.00	27.71 -1.39 0.00	15.53 -0.70 0.00	20.95 -1.01 0.00	28.45 -1.68 0.00	27.86 -1.44 0.00	30.25 -1.51 0.00	32.79 -2.33 0.82	32.02 -2.71 0.00	24.77 -3.29 14.06	24.03 -3.45 13.57	31.53 -3.33 7.39	45.52 -4.35 0.71	41.59 -3.97 1.78	34.37 -3.56 2.16	34.66 -2.84 0.00
OXBOW___ 24026	30.03 -2.19 0.00	20.55 -1.47 -0.57	11.89 -0.60 -2.66	12.21 -0.62 -2.44	25.12 -1.63 0.00	25.55 -1.80 0.00	26.84 -1.95 0.00	27.52 -1.68 0.00	27.48 -1.47 0.00	27.70 -1.39 0.00	15.53 -0.70 0.00	20.93 -1.02 0.00	28.44 -1.68 0.00	27.83 -1.47 0.00	30.23 -1.53 0.00	32.76 -2.36 0.00	32.00 -2.73 0.82	24.68 -3.37 14.06	23.92 -3.56 13.57	31.48 -3.37 7.39	45.51 -4.36 0.71	41.57 -3.99 1.78	34.37 -3.56 2.16	34.67 -2.84 0.00
OXY_CHEM_DSASP 323612	29.54 -2.69 0.00	20.22 -1.79 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.82 0.00	15.29 -0.94 0.00	20.62 -1.34 0.00	28.05 -2.09 0.00	27.42 -1.88 0.00	29.74 -2.02 0.00	32.20 -2.92 0.00	31.41 -3.34 0.80	24.34 -4.09 13.68	23.60 -4.28 13.18	30.92 -4.15 7.17	44.59 -5.31 0.69	40.75 -4.86 1.73	33.74 -4.25 2.10	34.06 -3.44 0.00
OZONE_PARK_ESR 323760	34.27 2.05 0.00	26.87 1.51 -3.91	28.69 0.68 -18.18	27.74 0.69 -16.65	28.47 1.72 0.00	29.14 1.80 0.00	30.78 1.98 0.00	31.39 2.20 0.00	31.10 2.16 0.00	31.40 2.14 -0.17	31.68 1.24 -14.21	33.22 1.79 -9.48	41.42 2.60 -8.69	50.70 2.62 -18.78	55.43 3.05 -20.62	56.56 3.64 -17.80	56.95 3.76 -17.64	63.23 4.63 -16.49	64.36 4.29 -19.01	62.26 4.16 -15.87	54.33 3.76 0.00	50.43 3.09 0.00	43.15 3.06 0.00	40.06 2.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.54 -2.69 0.00	20.22 -1.79 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.82 0.00	15.29 -0.94 0.00	20.62 -1.34 0.00	28.05 -2.09 0.00	27.42 -1.88 0.00	29.74 -2.02 0.00	32.20 -2.92 0.00	31.41 -3.34 0.80	24.34 -4.09 13.68	23.60 -4.28 13.18	30.92 -4.15 7.17	44.59 -5.31 0.69	40.75 -4.86 1.73	33.74 -4.25 2.10	34.06 -3.44 0.00
PACKARD___115KV_DUPONT_184 80571	29.55 -2.68 0.00	20.21 -1.80 -0.57	11.73 -0.74 -2.64	12.04 -0.77 -2.42	24.75 -2.00 0.00	25.16 -2.19 0.00	26.41 -2.39 0.00	27.08 -2.12 0.00	27.04 -1.90 0.00	27.28 -1.81 0.00	15.29 -0.94 0.00	20.62 -1.33 0.00	28.05 -2.08 0.00	27.46 -1.84 0.00	29.76 -2.00 0.00	32.22 -2.90 0.00	31.44 -3.31 0.80	24.43 -4.01 13.68	23.70 -4.18 13.18	30.96 -4.10 7.17	44.58 -5.31 0.69	40.77 -4.84 1.73	33.75 -4.24 2.10	34.06 -3.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.23 2.00 0.00	26.85 1.48 -3.91	28.69 0.67 -18.18	27.74 0.69 -16.65	28.47 1.72 0.00	29.16 1.82 0.00	30.72 1.92 0.00	31.41 2.22 0.00	31.10 2.16 0.00	31.35 2.08 -0.18	32.43 1.12 -15.09	33.64 1.63 -10.06	41.73 2.37 -9.23	51.64 2.40 -19.94	56.41 2.76 -21.89	57.37 3.36 -18.90	57.79 3.51 -18.73	62.96 4.35 -16.49	63.97 3.90 -19.01	61.88 3.77 -15.87	53.86 3.28 0.00	50.08 2.74 0.00	42.83 2.74 0.00	39.75 2.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.69 2.46 0.00	27.16 1.81 -3.91	28.85 0.84 -18.18	27.93 0.88 -16.65	28.96 2.21 0.00	29.69 2.34 0.00	31.29 2.49 0.00	31.92 2.73 0.00	31.59 2.65 0.00	31.92 2.65 -0.18	32.71 1.39 -15.09	34.01 2.00 -10.06	42.23 2.86 -9.23	52.12 2.88 -19.94	57.01 3.36 -21.89	57.98 3.96 -18.90	58.40 4.12 -18.73	63.64 5.03 -16.49	64.66 4.59 -19.01	62.56 4.45 -15.87	54.67 4.10 0.00	50.84 3.49 0.00	43.59 3.51 0.00	40.52 3.01 0.00
PATROON___115KV_TB1 80586	33.43 1.20 0.00	27.21 0.90 -4.87	32.84 0.41 -22.60	31.53 0.43 -20.71	27.85 1.10 0.00	28.45 1.11 0.00	29.93 1.13 0.00	30.29 1.09 0.00	29.72 0.78 0.00	29.69 0.60 0.00	16.58 0.35 0.00	22.47 0.52 0.00	30.97 0.84 0.00	30.09 0.79 0.00	32.64 0.88 0.00	36.25 1.12 0.00	36.69 1.14 0.00	52.90 1.40 -9.39	53.28 1.39 -10.84	52.54 1.25 -9.05	51.86 1.29 0.00	48.64 1.10 -0.20	41.19 1.10 0.00	38.50 1.00 0.00
PATTRSNVILLE___SOLAR 323815	33.37 1.14 0.00	27.37 0.81 -5.11	33.94 0.37 -23.74	32.53 0.39 -21.75	27.74 0.99 0.00	28.38 1.03 0.00	29.79 0.99 0.00	29.97 0.78 0.00	29.45 0.51 0.00	29.41 0.31 0.00	16.39 0.16 0.00	22.20 0.24 0.00	30.50 0.37 0.00	29.65 0.35 0.00	32.20 0.44 0.00	35.73 0.61 0.00	36.23 0.68 0.00	48.46 0.96 -5.39	48.47 1.19 -6.22	48.97 1.55 -5.19	52.34 1.77 0.00	49.29 1.64 -0.30	41.53 1.44 0.00	38.81 1.31 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.63 -1.59 0.00	20.98 -1.09 -0.63	12.30 -0.45 -2.92	12.58 -0.48 -2.67	25.51 -1.24 0.00	26.03 -1.32 0.00	27.43 -1.37 0.00	28.07 -1.13 0.00	28.07 -0.87 0.00	28.25 -0.84 0.00	15.82 -0.41 0.00	21.33 -0.62 0.00	29.16 -0.97 0.00	28.53 -0.77 0.00	30.95 -0.82 0.00	33.65 -1.48 0.00	32.90 -1.73 0.93	24.08 -2.14 15.90	23.43 -2.24 15.38	31.82 -2.04 8.37	47.03 -2.74 0.80	42.71 -2.62 2.01	35.22 -2.43 2.44	35.51 -1.99 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.12 1.89 0.00	26.74 1.34 -3.95	28.78 0.60 -18.35	27.81 0.61 -16.81	28.27 1.52 0.00	28.94 1.59 0.00	30.56 1.76 0.00	31.12 1.93 0.00	30.78 1.84 0.00	30.85 1.76 0.00	17.26 1.03 0.00	23.46 1.50 0.00	32.35 2.22 0.00	31.55 2.25 0.00	34.41 2.65 0.00	38.35 3.23 0.00	38.91 3.35 0.00	62.70 4.17 -16.42	64.01 4.01 -18.95	61.92 3.87 -15.81	54.17 3.59 0.00	50.28 2.94 0.00	42.86 2.77 0.00	39.85 2.35 0.00
PEEKSKILL____ 23653	33.83 1.61 0.00	26.48 1.16 -3.87	28.34 0.52 -17.99	27.41 0.53 -16.48	28.05 1.30 0.00	28.70 1.36 0.00	30.29 1.49 0.00	30.84 1.65 0.00	30.51 1.57 0.00	30.61 1.51 0.00	17.13 0.90 0.00	23.28 1.33 0.00	32.09 1.96 0.00	31.30 1.99 0.00	34.11 2.35 0.00	38.02 2.90 0.00	38.56 3.00 0.00	62.24 3.71 -16.42	63.53 3.52 -18.95	61.41 3.36 -15.81	53.56 2.98 0.00	49.72 2.38 0.00	42.46 2.37 0.00	39.51 2.00 0.00
PGE MADISON__WINDPWR 24146	34.23 2.00 0.00	23.96 1.29 -1.23	16.16 0.63 -5.70	16.25 0.63 -5.22	28.33 1.57 0.00	29.03 1.68 0.00	30.62 1.82 0.00	30.68 1.48 0.00	29.90 0.96 0.00	29.76 0.67 0.00	16.58 0.35 0.00	22.37 0.41 0.00	30.61 0.48 0.00	29.74 0.44 0.00	32.22 0.46 0.00	35.40 0.28 0.00	36.48 0.71 -0.22	48.18 1.46 -4.62	48.76 2.71 -4.99	49.39 3.55 -3.60	56.46 4.45 -1.44	52.56 4.02 -1.20	44.00 3.14 -0.77	40.15 2.65 0.00
PIERCEFIELD____HYD 23852	31.36 -0.87 0.00	20.81 -0.64 0.00	9.54 -0.29 0.00	10.11 -0.28 0.00	26.09 -0.66 0.00	26.68 -0.66 0.00	28.17 -0.63 0.00	28.49 -0.71 0.00	28.24 -0.70 0.00	28.55 -0.54 0.00	15.83 -0.40 0.00	21.16 -0.79 0.00	29.29 -0.84 0.00	28.62 -0.68 0.00	30.94 -0.82 0.00	33.82 -1.30 0.00	33.95 -1.60 0.00	40.27 -1.85 0.00	39.15 -1.91 0.00	40.70 -1.54 0.00	49.31 -1.26 0.00	46.22 -1.13 0.00	39.01 -1.08 0.00	36.50 -1.00 0.00
PINELAWN_CC_I 323563	35.93 2.45 -1.25	27.05 1.69 -3.92	28.81 0.79 -18.19	27.83 0.78 -16.66	28.65 1.90 0.00	29.37 2.02 0.00	30.99 2.19 0.00	31.54 2.35 0.00	31.04 2.10 0.00	31.17 2.09 0.01	16.87 1.27 0.63	24.01 1.88 -0.17	32.67 2.69 0.15	32.50 2.75 -0.44	35.57 3.21 -0.60	42.47 3.81 -3.53	41.36 3.98 -1.83	63.07 4.47 -16.48	64.26 4.19 -19.02	61.94 3.84 -15.87	54.03 3.45 0.00	50.12 2.78 0.00	43.20 3.11 0.00	40.10 2.60 0.00
PJM_GEN_HTP_PROXY 323702	33.99 1.77 0.00	26.69 1.33 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.55 1.76 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.12 1.88 -0.14	29.52 1.10 -12.19	31.68 1.59 -8.13	39.91 2.32 -7.46	47.76 2.35 -16.11	52.19 2.74 -17.69	53.68 3.29 -15.27	57.66 3.38 -18.73	62.76 4.16 -16.49	63.93 3.86 -19.01	61.82 3.71 -15.87	52.79 3.23 1.02	50.22 2.60 -0.27	42.74 2.65 0.00	39.69 2.19 0.00
PJM_GEN_KEystone 24065	32.04 -0.19 0.00	23.45 -0.08 -2.08	20.91 0.00 -11.08	20.51 -0.03 -10.15	26.64 -0.12 0.00	24.99 -0.13 2.23	27.53 -0.08 1.19	29.24 0.05 0.00	29.06 0.12 0.00	29.19 0.08 -0.01	17.32 0.09 -1.00	22.80 0.18 -0.66	31.08 0.33 -0.61	31.06 0.44 -1.32	33.76 0.55 -1.45	36.96 0.59 -1.25	40.72 0.58 -4.59	47.67 0.74 -4.82	48.00 0.66 -6.29	49.28 0.60 -6.44	49.26 -0.09 1.23	45.73 -0.39 1.22	39.31 -0.13 0.65	37.36 -0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.29 2.00 -1.06	26.77 1.41 -3.91	28.68 0.66 -18.19	27.70 0.65 -16.66	28.33 1.57 0.00	29.03 1.68 0.00	30.62 1.82 0.00	31.15 1.95 0.00	30.71 1.77 0.00	30.88 1.79 0.01	16.74 1.14 0.63	23.80 1.67 -0.17	32.39 2.41 0.15	32.18 2.44 -0.44	35.19 2.82 -0.60	42.01 3.35 -3.53	44.44 3.46 -5.42	62.52 3.93 -16.48	63.74 3.67 -19.02	61.44 3.34 -15.87	52.46 2.90 1.02	49.90 2.28 -0.27	42.72 2.64 0.00	39.69 2.19 0.00
PJM_GEN_VFT_PROXY 323633	33.87 1.65 0.00	26.61 1.25 -3.91	28.57 0.56 -18.18	27.62 0.57 -16.65	28.16 1.41 0.00	28.82 1.47 0.00	30.42 1.62 0.00	31.02 1.82 0.00	30.73 1.79 0.00	31.03 1.77 -0.17	31.47 1.04 -14.21	32.94 1.51 -9.48	41.03 2.20 -8.69	50.30 2.22 -18.78	54.97 2.59 -20.62	56.07 3.16 -17.80	60.04 3.26 -21.23	62.62 4.01 -16.49	63.77 3.70 -19.01	61.67 3.56 -15.87	52.56 3.00 1.02	50.01 2.39 -0.27	42.57 2.48 0.00	39.49 1.99 0.00
PLATSBURG_115KV_PMLD1 355749	31.84 -0.38 0.00	21.15 -0.29 0.00	9.69 -0.13 0.00	10.26 -0.14 0.00	26.44 -0.31 0.00	27.04 -0.30 0.00	28.56 -0.24 0.00	29.16 -0.04 0.00	28.89 -0.05 0.00	29.16 0.06 0.00	16.20 -0.03 0.00	21.82 -0.13 0.00	29.97 -0.16 0.00	29.08 -0.22 0.00	31.50 -0.26 0.00	34.92 -0.21 0.00	35.31 -0.25 0.00	41.73 -0.39 0.00	40.70 -0.36 0.00	41.97 -0.27 0.00	50.61 0.03 0.00	47.40 0.05 0.00	39.90 -0.19 0.00	37.29 -0.21 0.00
PLEASANTVLY____LBMP 24000	33.73 1.50 0.00	26.65 1.11 -4.10	29.38 0.50 -19.05	28.35 0.50 -17.45	28.00 1.25 0.00	28.65 1.30 0.00	30.22 1.42 0.00	30.74 1.55 0.00	30.41 1.46 0.00	30.46 1.37 0.00	17.04 0.81 0.00	23.16 1.21 0.00	31.91 1.78 0.00	31.09 1.79 0.00	33.86 2.10 0.00	37.69 2.57 0.00	38.19 2.64 0.00	62.16 3.29 -16.75	63.52 3.13 -19.33	61.33 2.96 -16.13	53.22 2.65 0.00	49.45 2.11 0.00	42.22 2.13 0.00	39.34 1.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.96 1.73 0.00	26.64 1.25 -3.94	28.70 0.56 -18.31	27.73 0.57 -16.77	28.15 1.40 0.00	28.82 1.47 0.00	30.42 1.62 0.00	30.97 1.77 0.00	30.65 1.71 0.00	30.75 1.66 0.00	16.76 0.97 0.44	23.09 1.43 0.30	31.96 2.10 0.27	30.84 2.12 0.58	33.62 2.50 0.64	37.60 3.03 0.55	38.15 3.14 0.55	62.49 3.86 -16.51	63.77 3.66 -19.06	61.63 3.49 -15.90	53.73 3.15 0.00	49.89 2.54 0.00	42.61 2.52 0.00	39.64 2.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.96 1.73 0.00	26.64 1.25 -3.94	28.70 0.56 -18.31	27.73 0.57 -16.77	28.15 1.40 0.00	28.82 1.47 0.00	30.42 1.62 0.00	30.97 1.77 0.00	30.65 1.71 0.00	30.75 1.66 0.00	16.76 0.97 0.44	23.09 1.43 0.30	31.96 2.10 0.27	30.84 2.12 0.58	33.62 2.50 0.64	37.60 3.03 0.55	38.15 3.14 0.55	62.49 3.86 -16.51	63.77 3.66 -19.06	61.63 3.49 -15.90	53.73 3.15 0.00	49.89 2.54 0.00	42.61 2.52 0.00	39.64 2.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.99 1.76 0.00	26.73 1.26 -4.02	29.07 0.57 -18.67	28.08 0.58 -17.10	28.18 1.43 0.00	28.84 1.50 0.00	30.44 1.64 0.00	30.97 1.77 0.00	30.59 1.65 0.00	30.62 1.52 0.00	17.11 0.88 0.00	23.26 1.30 0.00	32.05 1.92 0.00	31.25 1.95 0.00	34.06 2.29 0.00	37.93 2.81 0.00	38.50 2.95 0.00	62.87 3.70 -17.05	64.34 3.61 -19.68	62.13 3.48 -16.42	53.84 3.26 0.00	50.09 2.68 -0.06	42.63 2.54 0.00	39.68 2.18 0.00
POLETTI____ 23519	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.90 0.00	31.15 1.88 -0.18	32.41 1.09 -15.09	33.61 1.59 -10.06	41.68 2.31 -9.23	51.57 2.33 -19.94	56.37 2.71 -21.89	57.30 3.28 -18.90	57.65 3.37 -18.73	62.78 4.18 -16.49	63.93 3.86 -19.01	61.80 3.70 -15.87	53.78 3.21 0.00	49.94 2.60 0.00	42.74 2.65 0.00	39.69 2.19 0.00

POMONA___ESR 323819	33.85 1.63 0.00	26.39 1.16 -3.79	27.94 0.52 -17.59	27.04 0.53 -16.11	28.05 1.29 0.00	28.69 1.34 0.00	30.26 1.47 0.00	30.82 1.63 0.00	30.51 1.56 0.00	30.62 1.53 0.00	17.14 0.91 0.00	23.32 1.36 0.00	32.14 2.02 0.00	31.36 2.06 0.00	34.19 2.42 0.00	38.13 3.01 0.00	38.68 3.13 0.00	62.28 3.87 -16.29	63.54 3.69 -18.80	61.43 3.50 -15.69	53.70 3.13 0.00	49.84 2.50 0.00	42.53 2.45 0.00	39.56 2.06 0.00
PORT_JEFF_3 23555	35.88 2.53 -1.13	27.13 1.76 -3.92	28.84 0.83 -18.19	27.87 0.82 -16.66	28.75 2.00 0.00	29.49 2.14 0.00	31.12 2.33 0.00	31.61 2.42 0.00	31.08 2.13 0.00	31.21 2.12 0.01	16.86 1.26 0.63	23.96 1.84 -0.17	32.60 2.62 0.15	32.46 2.71 -0.44	35.56 3.20 -0.60	42.47 3.82 -3.53	41.35 3.97 -1.83	63.09 4.50 -16.48	64.27 4.20 -19.02	61.89 3.79 -15.87	53.96 3.38 0.00	50.02 2.68 0.00	43.16 3.07 0.00	39.97 2.47 0.00
PORT_JEFF_4 23616	35.88 2.53 -1.13	27.13 1.76 -3.92	28.84 0.83 -18.19	27.87 0.82 -16.66	28.75 2.00 0.00	29.49 2.14 0.00	31.12 2.33 0.00	31.61 2.42 0.00	31.08 2.13 0.00	31.21 2.12 0.01	16.86 1.26 0.63	23.96 1.84 -0.17	32.60 2.62 0.15	32.46 2.71 -0.44	35.56 3.20 -0.60	42.47 3.82 -3.53	41.35 3.97 -1.83	63.09 4.50 -16.48	64.27 4.20 -19.02	61.89 3.79 -15.87	53.96 3.38 0.00	50.02 2.68 0.00	43.16 3.07 0.00	39.97 2.47 0.00
PORT_JEFF_IC 23713	35.94 2.58 -1.13	27.15 1.79 -3.92	28.86 0.84 -18.19	27.88 0.83 -16.66	28.78 2.03 0.00	29.52 2.17 0.00	31.17 2.37 0.00	31.64 2.45 0.00	31.11 2.17 0.00	31.25 2.16 0.01	16.88 1.28 0.63	23.98 1.85 -0.17	32.62 2.65 0.15	32.50 2.76 -0.44	35.64 3.27 -0.60	42.57 3.91 -3.53	41.45 4.07 -1.83	63.22 4.63 -16.48	64.41 4.33 -19.02	62.01 3.91 -15.87	54.09 3.52 0.00	50.13 2.78 0.00	43.24 3.15 0.00	40.03 2.53 0.00
PPL PILGRIM_ST_GT1 24216	36.01 2.63 -1.15	27.19 1.83 -3.92	28.88 0.86 -18.19	27.91 0.86 -16.66	28.84 2.08 0.00	29.56 2.22 0.00	31.21 2.41 0.00	31.72 2.53 0.00	31.22 2.28 0.00	31.36 2.28 0.01	16.96 1.36 0.63	24.10 1.98 -0.17	32.79 2.81 0.15	32.64 2.90 -0.44	35.75 3.38 -0.60	42.64 3.99 -3.53	41.53 4.14 -1.83	63.25 4.66 -16.48	64.33 4.26 -19.02	61.95 3.84 -15.87	54.05 3.47 0.00	50.14 2.80 0.00	43.35 3.27 0.00	40.21 2.71 0.00
PPL PILGRIM_ST_GT2 24217	36.01 2.63 -1.15	27.19 1.83 -3.92	28.88 0.86 -18.19	27.91 0.86 -16.66	28.84 2.08 0.00	29.56 2.22 0.00	31.21 2.41 0.00	31.72 2.53 0.00	31.22 2.28 0.00	31.36 2.28 0.01	16.96 1.36 0.63	24.10 1.98 -0.17	32.79 2.81 0.15	32.64 2.90 -0.44	35.75 3.38 -0.60	42.64 3.99 -3.53	41.53 4.14 -1.83	63.25 4.66 -16.48	64.33 4.26 -19.02	61.95 3.84 -15.87	54.05 3.47 0.00	50.14 2.80 0.00	43.35 3.27 0.00	40.21 2.71 0.00
PPL_SHRM_GT3 24213	36.01 2.65 -1.13	27.20 1.84 -3.92	28.87 0.86 -18.19	27.90 0.84 -16.66	28.85 2.09 0.00	29.59 2.25 0.00	31.25 2.45 0.00	31.71 2.52 0.00	31.11 2.17 0.00	31.22 2.14 0.01	16.87 1.27 0.63	23.96 1.84 -0.17	32.58 2.60 0.15	32.44 2.69 -0.44	35.53 3.16 -0.60	42.47 3.81 -3.53	41.38 4.00 -1.83	63.21 4.61 -16.48	64.40 4.32 -19.02	62.05 3.94 -15.87	54.13 3.56 0.00	50.14 2.80 0.00	43.26 3.17 0.00	39.94 2.44 0.00
PPL_SHRM_GT4 24214	36.01 2.65 -1.13	27.20 1.84 -3.92	28.87 0.86 -18.19	27.90 0.84 -16.66	28.85 2.09 0.00	29.59 2.25 0.00	31.25 2.45 0.00	31.71 2.52 0.00	31.11 2.17 0.00	31.22 2.14 0.01	16.87 1.27 0.63	23.96 1.84 -0.17	32.58 2.60 0.15	32.44 2.69 -0.44	35.53 3.16 -0.60	42.47 3.81 -3.53	41.38 4.00 -1.83	63.21 4.61 -16.48	64.40 4.32 -19.02	62.05 3.94 -15.87	54.13 3.56 0.00	50.14 2.80 0.00	43.26 3.17 0.00	39.94 2.44 0.00
PROJECT___ORANGE 1 24174	31.84 -0.38 0.00	21.54 -0.25 -0.35	11.36 -0.10 -1.63	11.78 -0.11 -1.50	26.45 -0.30 0.00	27.06 -0.29 0.00	28.47 -0.32 0.00	28.81 -0.38 0.00	28.54 -0.40 0.00	28.64 -0.45 0.00	16.00 -0.23 0.00	21.63 -0.32 0.00	29.58 -0.55 0.00	28.78 -0.52 0.00	31.23 -0.53 0.00	34.48 -0.64 0.00	34.96 -0.59 0.00	41.53 -0.59 0.00	40.84 -0.54 -0.32	42.73 -0.43 -0.92	51.53 -0.65 -1.60	47.52 -0.75 -0.93	39.63 -0.70 -0.24	36.90 -0.60 0.00
PROJECT___ORANGE 2 24166	31.84 -0.38 0.00	21.54 -0.25 -0.35	11.36 -0.10 -1.63	11.78 -0.11 -1.50	26.45 -0.30 0.00	27.06 -0.29 0.00	28.47 -0.32 0.00	28.81 -0.38 0.00	28.54 -0.40 0.00	28.64 -0.45 0.00	16.00 -0.23 0.00	21.63 -0.32 0.00	29.58 -0.55 0.00	28.78 -0.52 0.00	31.23 -0.53 0.00	34.48 -0.64 0.00	34.96 -0.59 0.00	41.53 -0.59 0.00	40.84 -0.54 -0.32	42.73 -0.43 -0.92	51.53 -0.65 -1.60	47.52 -0.75 -0.93	39.63 -0.70 -0.24	36.90 -0.60 0.00
PUCKETT___SOLAR 323809	32.61 0.38 0.00	23.03 0.27 -1.31	16.09 0.16 -6.10	16.13 0.14 -5.59	27.10 0.34 0.00	27.72 0.37 0.00	29.19 0.39 0.00	29.44 0.25 0.00	28.99 0.05 0.00	28.90 -0.20 0.00	16.11 -0.12 0.00	21.78 -0.17 0.00	29.88 -0.25 0.00	29.08 -0.22 0.00	31.55 -0.21 0.00	34.88 -0.24 0.00	35.58 -0.10 -0.14	45.47 0.14 -3.21	45.27 0.63 -3.58	45.93 0.92 -2.78	52.81 0.96 -1.27	49.04 0.74 -0.96	41.26 0.63 -0.54	37.99 0.49 0.00
PYRITES___HYD 24023	32.01 -0.21 0.00	21.22 -0.22 0.00	9.73 -0.10 0.00	10.31 -0.09 0.00	26.62 -0.13 0.00	27.22 -0.12 0.00	28.68 -0.12 0.00	28.80 -0.39 0.00	28.48 -0.47 0.00	28.82 -0.27 0.00	15.98 -0.24 0.00	21.35 -0.60 0.00	29.66 -0.47 0.00	29.02 -0.28 0.00	31.31 -0.45 0.00	34.35 -0.77 0.00	34.36 -1.20 0.00	41.04 -1.08 0.00	39.72 -1.34 0.00	41.54 -0.70 0.00	50.49 -0.08 0.00	47.43 0.08 0.00	39.94 -0.15 0.00	37.36 -0.14 0.00
QUAKERRD_115KV_BK1 80622	30.67 -1.56 0.00	20.82 -1.05 -0.43	11.37 -0.45 -1.99	11.74 -0.48 -1.83	25.49 -1.27 0.00	26.04 -1.30 0.00	27.43 -1.37 0.00	27.91 -1.29 0.00	27.72 -1.22 0.00	27.89 -1.21 0.00	15.58 -0.65 0.00	21.04 -0.91 0.00	28.79 -1.34 0.00	28.09 -1.22 0.00	30.54 -1.23 0.00	33.48 -1.64 0.00	33.61 -1.77 0.17	37.07 -2.16 2.88	36.04 -2.16 2.87	38.73 -1.95 1.56	48.01 -2.43 0.14	44.62 -2.36 0.36	37.39 -2.25 0.45	35.57 -1.93 0.00
QUENSBRY_115KV_TB8 356137	34.52 2.29 0.00	27.95 1.52 -4.98	33.70 0.73 -23.14	32.37 0.77 -21.20	28.76 2.01 0.00	29.57 2.23 0.00	31.21 2.41 0.00	31.47 2.28 0.00	30.78 1.84 0.00	30.53 1.44 0.00	16.96 0.72 0.00	23.02 1.07 0.00	31.82 1.69 0.00	30.90 1.60 0.00	33.58 1.82 0.00	37.51 2.39 0.00	38.07 2.52 0.00	52.64 3.36 -7.17	52.73 3.40 -8.27	52.70 3.56 -6.90	54.66 4.09 0.00	51.73 3.91 -0.47	43.36 3.27 0.00	40.64 3.14 0.00
RAMAPO___LBMP 323565	33.71 1.48 0.00	26.27 1.07 -3.76	27.76 0.48 -17.45	26.86 0.49 -15.99	27.94 1.19 0.00	28.57 1.22 0.00	30.15 1.35 0.00	30.69 1.49 0.00	30.37 1.42 0.00	30.47 1.38 0.00	17.06 0.83 0.00	23.19 1.24 0.00	31.97 1.84 0.00	31.17 1.87 0.00	33.97 2.21 0.00	37.88 2.76 0.00	38.42 2.87 0.00	61.93 3.56 -16.26	63.22 3.40 -18.76	61.13 3.24 -15.65	53.41 2.84 0.00	49.59 2.24 0.00	42.31 2.22 0.00	39.38 1.87 0.00

RANKINE____ 23646	30.54 -1.68 0.00	20.92 -1.14 -0.61	12.22 -0.46 -2.85	12.51 -0.49 -2.61	25.46 -1.30 0.00	25.97 -1.38 0.00	27.35 -1.45 0.00	27.97 -1.22 0.00	27.97 -0.98 0.00	28.16 -0.93 0.00	15.77 -0.46 0.00	21.26 -0.69 0.00	29.02 -1.11 0.00	28.41 -0.89 0.00	30.81 -0.95 0.00	33.47 -1.65 0.00	32.59 -1.95 1.02	22.26 -2.51 17.34	21.63 -2.65 16.78	30.70 -2.41 9.13	46.66 -3.04 0.87	42.29 -2.86 2.20	34.76 -2.66 2.66	35.36 -2.14 0.00
RAVENSWOOD_GT2_1 24244	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.90 0.00	31.15 1.88 -0.18	32.83 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.71 -22.51	57.84 3.28 -19.43	58.18 3.37 -19.26	62.78 4.18 -16.49	63.93 3.86 -19.01	61.80 3.70 -15.87	53.80 3.22 0.00	49.94 2.60 0.00	42.74 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT2_2 24245	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.59 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.90 0.00	31.15 1.88 -0.18	32.83 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.71 -22.51	57.84 3.28 -19.43	58.18 3.37 -19.26	62.78 4.18 -16.49	63.93 3.86 -19.01	61.80 3.70 -15.87	53.80 3.22 0.00	49.94 2.60 0.00	42.74 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT2_3 24246	34.01 1.79 0.00	26.71 1.34 -3.91	28.62 0.60 -18.18	27.67 0.62 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.15 1.96 0.00	30.86 1.92 0.00	31.17 1.90 -0.18	32.84 1.10 -15.51	33.90 1.60 -10.35	41.95 2.33 -9.49	52.16 2.35 -20.50	57.01 2.74 -22.51	57.85 3.30 -19.43	58.21 3.40 -19.26	62.81 4.21 -16.49	63.95 3.88 -19.01	61.83 3.73 -15.87	53.82 3.24 0.00	49.97 2.63 0.00	42.76 2.67 0.00	39.70 2.20 0.00
RAVENSWOOD_GT2_4 24247	34.01 1.79 0.00	26.71 1.34 -3.91	28.62 0.60 -18.18	27.67 0.62 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.15 1.96 0.00	30.86 1.92 0.00	31.17 1.90 -0.18	32.84 1.10 -15.51	33.90 1.60 -10.35	41.95 2.33 -9.49	52.16 2.35 -20.50	57.01 2.74 -22.51	57.85 3.30 -19.43	58.21 3.40 -19.26	62.81 4.21 -16.49	63.95 3.88 -19.01	61.83 3.73 -15.87	53.82 3.24 0.00	49.97 2.63 0.00	42.76 2.67 0.00	39.70 2.20 0.00
RAVENSWOOD_GT3_1 24248	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.55 1.75 0.00	31.14 1.95 0.00	30.85 1.91 0.00	31.15 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.79 4.18 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.80 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT3_2 24249	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.55 1.75 0.00	31.14 1.95 0.00	30.85 1.91 0.00	31.15 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.79 4.18 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.80 3.23 0.00	49.94 2.60 0.00	42.75 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT3_3 24250	34.05 1.82 0.00	26.73 1.37 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.31 1.55 0.00	28.98 1.63 0.00	30.59 1.79 0.00	31.18 1.99 0.00	30.89 1.95 0.00	31.21 1.93 -0.18	32.87 1.12 -15.51	33.93 1.63 -10.35	41.99 2.37 -9.49	52.19 2.39 -20.50	57.05 2.78 -22.51	57.90 3.35 -19.43	58.25 3.44 -19.26	62.86 4.26 -16.49	64.01 3.93 -19.01	61.89 3.78 -15.87	53.88 3.30 0.00	50.03 2.69 0.00	42.81 2.72 0.00	39.75 2.25 0.00
RAVENSWOOD_GT3_4 24251	34.05 1.82 0.00	26.73 1.37 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.31 1.55 0.00	28.98 1.63 0.00	30.59 1.79 0.00	31.18 1.99 0.00	30.89 1.95 0.00	31.21 1.93 -0.18	32.87 1.12 -15.51	33.93 1.63 -10.35	41.99 2.37 -9.49	52.19 2.39 -20.50	57.05 2.78 -22.51	57.90 3.35 -19.43	58.25 3.44 -19.26	62.86 4.26 -16.49	64.01 3.93 -19.01	61.89 3.78 -15.87	53.88 3.30 0.00	50.03 2.69 0.00	42.81 2.72 0.00	39.75 2.25 0.00
RAVENSWOOD_GT_1 23729	34.05 1.83 0.00	26.76 1.40 -3.91	28.64 0.63 -18.18	27.69 0.64 -16.65	28.34 1.58 0.00	29.02 1.67 0.00	30.63 1.84 0.00	31.24 2.05 0.00	30.95 2.01 0.00	31.26 1.98 -0.18	32.88 1.14 -15.51	33.95 1.65 -10.35	42.02 2.39 -9.49	52.21 2.41 -20.50	57.02 2.75 -22.51	57.85 3.30 -19.43	58.20 3.39 -19.26	62.86 4.25 -16.49	64.00 3.93 -19.01	61.88 3.78 -15.87	53.81 3.24 0.00	50.00 2.65 0.00	42.85 2.76 0.00	39.75 2.25 0.00
RAVENSWOOD_GT_10 24258	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.79 4.18 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.74 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT_11 24259	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.79 4.18 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.74 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT_4 24252	34.00 1.78 0.00	26.71 1.34 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.16 1.96 0.00	30.87 1.92 0.00	31.18 1.90 -0.18	32.84 1.10 -15.51	33.90 1.60 -10.35	41.95 2.33 -9.49	52.15 2.34 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.80 4.20 -16.49	63.95 3.87 -19.01	61.83 3.72 -15.87	53.79 3.21 0.00	49.96 2.62 0.00	42.76 2.67 0.00	39.70 2.20 0.00
RAVENSWOOD_GT_5 24254	34.00 1.78 0.00	26.71 1.34 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.16 1.96 0.00	30.87 1.92 0.00	31.18 1.90 -0.18	32.84 1.10 -15.51	33.90 1.60 -10.35	41.95 2.33 -9.49	52.15 2.34 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.80 4.20 -16.49	63.95 3.87 -19.01	61.83 3.72 -15.87	53.79 3.21 0.00	49.96 2.62 0.00	42.76 2.67 0.00	39.70 2.20 0.00
RAVENSWOOD_GT_6 24253	34.00 1.78 0.00	26.71 1.34 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.16 1.96 0.00	30.87 1.92 0.00	31.18 1.90 -0.18	32.84 1.10 -15.51	33.90 1.60 -10.35	41.95 2.33 -9.49	52.15 2.34 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.80 4.20 -16.49	63.95 3.87 -19.01	61.83 3.72 -15.87	53.79 3.21 0.00	49.96 2.62 0.00	42.76 2.67 0.00	39.70 2.20 0.00

RAVENSWOOD_GT_7 24255	34.00 1.78 0.00	26.71 1.34 -3.91	28.62 0.61 -18.18	27.67 0.62 -16.65	28.28 1.53 0.00	28.95 1.61 0.00	30.56 1.76 0.00	31.16 1.96 0.00	30.87 1.92 0.00	31.18 1.90 -0.18	32.84 1.10 -15.51	33.90 1.60 -10.35	41.95 2.33 -9.49	52.15 2.34 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.80 4.20 -16.49	63.95 3.87 -19.01	61.83 3.72 -15.87	53.79 3.21 0.00	49.96 2.62 0.00	42.76 2.67 0.00	39.70 2.20 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.79 4.18 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.74 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD_GT_9 24257	34.00 1.78 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.54 1.75 0.00	31.14 1.94 0.00	30.85 1.91 0.00	31.15 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.31 -9.49	52.14 2.33 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.79 4.18 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.81 3.23 0.00	49.94 2.60 0.00	42.74 2.66 0.00	39.69 2.19 0.00
RAVENSWOOD___1 23533	34.01 1.78 0.00	26.73 1.37 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.55 0.00	28.98 1.63 0.00	30.59 1.79 0.00	31.19 2.00 0.00	30.91 1.97 0.00	31.24 1.96 -0.18	32.87 1.12 -15.51	33.94 1.64 -10.35	42.00 2.37 -9.49	52.19 2.38 -20.50	57.01 2.74 -22.51	57.84 3.28 -19.43	58.19 3.39 -19.26	62.83 4.23 -16.49	63.98 3.91 -19.01	61.86 3.76 -15.87	53.79 3.22 0.00	49.98 2.64 0.00	42.83 2.74 0.00	39.73 2.23 0.00
RAVENSWOOD___2 23534	34.01 1.78 0.00	26.73 1.37 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.55 0.00	28.98 1.63 0.00	30.59 1.79 0.00	31.19 2.00 0.00	30.90 1.96 0.00	31.22 1.94 -0.18	32.86 1.11 -15.51	33.93 1.62 -10.35	41.98 2.36 -9.49	52.17 2.37 -20.50	56.99 2.71 -22.51	57.83 3.28 -19.43	58.18 3.37 -19.26	62.82 4.21 -16.49	63.96 3.89 -19.01	61.84 3.73 -15.87	53.78 3.20 0.00	49.98 2.63 0.00	42.80 2.71 0.00	39.71 2.21 0.00
RAVENSWOOD___3 23535	34.00 1.77 0.00	26.70 1.34 -3.91	28.61 0.60 -18.18	27.66 0.61 -16.65	28.27 1.52 0.00	28.94 1.60 0.00	30.55 1.75 0.00	31.14 1.95 0.00	30.85 1.91 0.00	31.16 1.88 -0.18	32.84 1.09 -15.51	33.89 1.59 -10.35	41.94 2.32 -9.49	52.14 2.34 -20.50	56.99 2.72 -22.51	57.84 3.28 -19.43	58.19 3.38 -19.26	62.77 4.17 -16.49	63.93 3.86 -19.01	61.81 3.70 -15.87	53.80 3.22 0.00	49.94 2.60 0.00	42.76 2.67 0.00	39.69 2.19 0.00
RAVENSWOOD___4 23820	34.01 1.78 0.00	26.73 1.37 -3.91	28.63 0.62 -18.18	27.68 0.63 -16.65	28.31 1.55 0.00	28.98 1.63 0.00	30.59 1.79 0.00	31.19 2.00 0.00	30.90 1.96 0.00	31.22 1.94 -0.18	32.86 1.11 -15.51	33.93 1.62 -10.35	41.98 2.36 -9.49	52.17 2.37 -20.50	56.99 2.71 -22.51	57.83 3.28 -19.43	58.18 3.37 -19.26	62.82 4.21 -16.49	63.96 3.89 -19.01	61.84 3.73 -15.87	53.78 3.20 0.00	49.98 2.63 0.00	42.80 2.71 0.00	39.71 2.21 0.00
RCPL_TRUST___DRP 24196	34.00 1.77 0.00	26.69 1.33 -3.91	28.61 0.60 -18.18	27.66 0.62 -16.65	28.29 1.54 0.00	28.97 1.62 0.00	30.59 1.79 0.00	31.19 2.00 0.00	30.90 1.96 0.00	31.17 1.94 -0.14	29.55 1.13 -12.19	31.72 1.63 -8.13	39.97 2.38 -7.46	47.81 2.40 -16.11	52.24 2.80 -17.69	53.75 3.35 -15.27	54.12 3.44 -15.13	62.85 4.25 -16.49	64.00 3.93 -19.01	61.89 3.78 -15.87	53.86 3.29 0.00	49.99 2.64 0.00	42.78 2.69 0.00	39.72 2.22 0.00
RED___ROCHESTER 323720	31.47 -0.76 0.00	21.34 -0.55 -0.45	11.71 -0.22 -2.09	12.07 -0.24 -1.92	26.10 -0.65 0.00	26.67 -0.68 0.00	28.09 -0.71 0.00	28.63 -0.56 0.00	28.48 -0.46 0.00	28.69 -0.40 0.00	16.05 -0.18 0.00	21.70 -0.26 0.00	29.69 -0.44 0.00	29.03 -0.28 0.00	31.56 -0.21 0.00	34.48 -0.65 0.00	34.56 -0.85 0.15	38.53 -1.04 2.54	37.46 -1.08 2.52	40.08 -0.79 1.37	49.33 -1.12 0.13	45.87 -1.15 0.32	38.40 -1.29 0.40	36.47 -1.03 0.00
REGAN___SOLAR 323812	33.87 1.65 0.00	27.83 1.08 -5.30	34.94 0.48 -24.62	33.46 0.51 -22.56	28.08 1.32 0.00	28.76 1.41 0.00	30.06 1.26 0.00	29.85 0.66 0.00	29.00 0.05 0.00	28.87 -0.22 0.00	16.07 -0.16 0.00	21.72 -0.23 0.00	29.85 -0.28 0.00	29.01 -0.29 0.00	31.59 -0.17 0.00	34.91 -0.21 0.00	35.50 -0.05 0.00	47.58 0.33 -5.13	47.94 0.95 -5.93	49.37 2.19 -4.95	53.41 2.84 0.00	50.33 2.71 -0.28	42.33 2.24 0.00	39.48 1.98 0.00
RENSSELAER___COGEN 23796	33.25 1.03 0.00	27.06 0.80 -4.82	32.58 0.36 -22.38	31.28 0.38 -20.50	27.72 0.96 0.00	28.31 0.97 0.00	29.78 0.98 0.00	30.14 0.95 0.00	29.57 0.63 0.00	29.53 0.45 0.00	16.49 0.26 0.00	22.36 0.40 0.00	30.78 0.65 0.00	29.86 0.56 0.00	32.35 0.59 0.00	35.91 0.78 0.00	36.33 0.78 0.00	52.67 0.94 -9.62	53.08 0.92 -11.10	52.29 0.79 -9.26	51.34 0.76 0.00	46.29 0.63 1.68	40.83 0.74 0.00	38.18 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.62 3.39 0.00	28.64 2.21 -4.98	34.02 1.05 -23.14	32.72 1.13 -21.19	29.75 3.00 0.00	30.86 3.51 0.00	32.64 3.84 0.00	32.72 3.53 0.00	31.70 2.76 0.00	31.19 2.10 0.00	17.15 0.92 0.00	23.46 1.51 0.00	32.58 2.45 0.00	31.48 2.17 0.00	34.14 2.38 0.00	38.36 3.24 0.00	39.13 3.58 0.00	54.10 4.74 -7.25	54.32 4.89 -8.36	54.27 5.05 -6.98	56.78 6.20 0.00	53.76 5.94 -0.48	45.08 4.99 0.00	42.45 4.95 0.00
REVERE_CPPR_DRP 24186	32.93 0.70 0.00	22.04 0.41 -0.19	10.91 0.20 -0.89	11.43 0.23 -0.81	27.41 0.65 0.00	28.11 0.76 0.00	29.62 0.82 0.00	29.71 0.51 0.00	29.26 0.31 0.00	29.30 0.21 0.00	16.30 0.07 0.00	22.03 0.08 0.00	30.21 0.07 0.00	29.47 0.16 0.00	31.98 0.21 0.00	35.26 0.14 0.00	35.88 0.33 0.00	43.04 0.93 0.00	42.37 1.15 -0.16	44.24 1.55 -0.45	53.39 2.02 -0.79	49.33 1.53 -0.46	41.31 1.10 -0.12	38.39 0.89 0.00
REYNLDDPA_13_KV_LD 356490	31.95 -0.28 0.00	21.22 -0.23 0.00	9.72 -0.11 0.00	10.28 -0.11 0.00	26.47 -0.28 0.00	27.05 -0.30 0.00	28.57 -0.23 0.00	29.05 -0.15 0.00	28.85 -0.09 0.00	29.13 0.04 0.00	16.18 -0.05 0.00	21.81 -0.14 0.00	29.99 -0.14 0.00	29.18 -0.12 0.00	31.60 -0.16 0.00	34.78 -0.34 0.00	35.20 -0.35 0.00	41.56 -0.55 0.00	40.50 -0.55 0.00	41.77 -0.47 0.00	50.44 -0.14 0.00	47.36 0.02 0.00	39.98 -0.11 0.00	37.42 -0.09 0.00
REYNOLDS_115KV_TB3 80639	33.44 1.22 0.00	27.20 0.93 -4.83	32.68 0.43 -22.42	31.38 0.45 -20.54	27.89 1.13 0.00	28.49 1.14 0.00	29.97 1.17 0.00	30.36 1.16 0.00	29.84 0.90 0.00	29.80 0.70 0.00	16.62 0.40 0.00	22.54 0.59 0.00	31.05 0.92 0.00	30.14 0.84 0.00	32.68 0.91 0.00	36.30 1.17 0.00	36.71 1.16 0.00	55.24 1.41 -11.72	55.98 1.40 -13.53	54.81 1.28 -11.29	51.94 1.37 0.00	49.70 1.19 -1.17	41.28 1.19 0.00	38.61 1.10 0.00















