

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.51	28.71	26.85	25.91	26.02	27.56	32.20	34.96	35.29	31.50	31.81	33.46	36.24	39.71	40.50	41.99	47.93	54.27	57.10	55.31	48.50	42.04	34.46	30.84
24138	1.58	1.37	1.30	1.23	1.26	1.24	1.65	2.04	2.42	2.55	2.73	2.82	3.32	3.69	3.84	4.07	4.55	5.02	4.57	4.14	3.43	2.93	2.55	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	-0.01	-0.01	-1.27	-0.83	-1.44	-0.18	-0.45	-0.04	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.54	28.74	26.85	25.93	26.02	27.56	32.16	34.96	35.29	31.47	31.79	33.44	36.29	39.69	40.47	41.98	47.88	54.22	57.10	55.31	48.50	42.04	34.49	30.87
24260	1.61	1.39	1.30	1.26	1.26	1.24	1.62	2.04	2.42	2.52	2.70	2.79	3.26	3.62	3.77	4.04	4.51	4.97	4.57	4.14	3.43	2.93	2.58	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	-0.02	-0.02	-1.38	-0.88	-1.49	-0.22	-0.45	-0.04	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.54	28.74	26.85	25.93	26.02	27.56	32.16	34.96	35.29	31.47	31.79	33.44	36.29	39.69	40.47	41.98	47.88	54.22	57.10	55.31	48.50	42.04	34.49	30.87
24261	1.61	1.39	1.30	1.26	1.26	1.24	1.62	2.04	2.42	2.52	2.70	2.79	3.26	3.62	3.77	4.04	4.51	4.97	4.57	4.14	3.43	2.93	2.58	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	-0.02	-0.02	-1.38	-0.88	-1.49	-0.22	-0.45	-0.04	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.23	28.52	26.62	25.73	25.84	27.51	31.89	34.43	33.62	30.43	30.26	31.74	32.77	36.48	36.38	39.07	44.45	51.24	55.26	54.13	47.82	41.37	33.67	30.23
24011	1.30	1.18	1.07	1.06	1.09	1.18	1.34	1.51	1.59	1.48	1.19	1.10	0.95	1.16	1.13	1.32	1.46	2.02	2.73	2.97	2.75	2.27	1.76	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	-0.16	-0.13	-0.04	-0.02	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.33	28.63	26.67	25.81	25.89	27.59	31.98	34.53	33.72	30.49	30.32	31.80	32.73	36.51	36.38	39.11	44.49	51.29	55.42	54.33	48.00	41.53	33.76	30.32
23798	1.39	1.29	1.12	1.14	1.14	1.26	1.44	1.61	1.69	1.53	1.25	1.16	0.92	1.20	1.13	1.36	1.50	2.07	2.89	3.17	2.93	2.43	1.85	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	-0.16	-0.13	-0.04	-0.02	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.23	28.52	26.62	25.73	25.84	27.51	31.89	34.43	33.62	30.43	30.26	31.74	32.77	36.48	36.38	39.07	44.45	51.24	55.26	54.13	47.82	41.37	33.67	30.23
24028	1.30	1.18	1.07	1.06	1.09	1.18	1.34	1.51	1.59	1.48	1.19	1.10	0.95	1.16	1.13	1.32	1.46	2.02	2.73	2.97	2.75	2.27	1.76	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	-0.16	-0.13	-0.04	-0.02	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.02	28.33	26.55	25.63	25.75	27.32	31.83	34.43	33.81	30.49	30.61	32.16	33.49	37.29	37.31	40.06	45.45	52.47	55.84	54.23	47.82	41.41	33.76	30.23
23527	1.08	0.98	1.00	0.96	0.99	1.00	1.28	1.52	1.72	1.53	1.54	1.53	1.64	1.93	2.04	2.30	2.45	3.25	3.31	3.07	2.75	2.31	1.85	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.00	-0.19	-0.17	-0.05	-0.03	-0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.87	27.40	25.68	24.82	24.90	26.38	30.61	33.12	32.42	29.33	29.39	30.85	32.15	35.78	35.75	38.36	43.60	50.06	53.27	51.83	45.61	39.54	32.29	28.94
24190	-0.06	0.05	0.13	0.15	0.15	0.05	0.06	0.20	0.38	0.38	0.32	0.21	0.32	0.46	0.49	0.60	0.60	0.84	0.74	0.67	0.54	0.43	0.38	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	0.00	0.00	-0.18	-0.14	-0.04	-0.02	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.37	27.73	25.83	24.97	25.13	26.69	31.07	33.48	32.11	28.98	29.04	30.60	31.53	34.98	34.86	37.39	42.58	48.67	52.00	50.65	44.67	38.79	31.75	28.54
355683	0.43	0.38	0.28	0.30	0.37	0.37	0.52	0.56	0.25	0.03	-0.03	-0.03	-0.13	-0.21	-0.35	-0.34	-0.34	-0.54	-0.53	-0.51	-0.41	-0.31	-0.16	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	31.52	27.98	26.19	25.31	25.40	26.98	31.22	33.68	32.80	29.65	29.65	31.12	32.28	35.97	35.95	38.58	43.93	50.55	54.05	52.75	46.51	40.36	32.93	29.55
323833	0.59	0.63	0.64	0.64	0.64	0.66	0.67	0.76	0.80	0.69	0.58	0.49	0.48	0.67	0.70	0.83	0.94	1.33	1.52	1.59	1.44	1.25	1.02	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	-0.15	-0.11	-0.03	-0.02	-0.06	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	31.52	27.95	26.19	25.31	25.40	26.95	31.22	33.68	32.80	29.65	29.65	31.12	32.28	35.97	35.95	38.58	43.93	50.55	54.05	52.75	46.51	40.32	32.93	29.52
323834	0.59	0.60	0.64	0.64	0.64	0.63	0.67	0.76	0.80	0.69	0.58	0.49	0.48	0.67	0.70	0.83	0.94	1.33	1.52	1.59	1.44	1.21	1.02	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	-0.15	-0.11	-0.03	-0.02	-0.06	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.87	27.40	25.68	24.82	24.90	26.38	30.61	33.12	32.42	29.33	29.39	30.85	32.15	35.78	35.75	38.36	43.60	50.06	53.27	51.83	45.61	39.54	32.29	28.94
23571	-0.06	0.05	0.13	0.15	0.15	0.05	0.06	0.20	0.38	0.38	0.32	0.21	0.32	0.46	0.49	0.60	0.60	0.84	0.74	0.67	0.54	0.43	0.38	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	0.00	0.00	-0.18	-0.14	-0.04	-0.02	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.61 0.06 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.21 0.00	32.15 0.32 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.83 0.67 0.00	45.61 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.94 0.29 0.00
ALBANY___3 23573	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.61 0.06 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.21 0.00	32.15 0.32 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.83 0.67 0.00	45.61 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.94 0.29 0.00
ALBANY___4 23574	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.61 0.06 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.21 0.00	32.15 0.32 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.83 0.67 0.00	45.61 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.94 0.29 0.00
ALBANY___LFGE 323615	31.18 0.25 0.00	27.68 0.33 0.00	25.93 0.38 0.00	25.07 0.39 0.00	25.15 0.39 0.00	26.67 0.34 0.00	30.91 0.37 0.00	33.48 0.56 0.00	32.77 0.73 -0.19	29.65 0.69 0.00	29.74 0.67 0.00	31.21 0.58 0.00	32.43 0.60 -0.17	36.17 0.84 -0.14	36.14 0.88 -0.04	38.77 1.02 -0.02	44.03 1.03 -0.07	50.60 1.38 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.15 1.08 0.00	40.01 0.90 0.00	32.64 0.73 0.00	29.23 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	31.68 0.74 0.00	28.03 0.68 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.37 0.62 0.00	26.98 0.66 0.00	31.37 0.82 0.00	33.81 0.89 0.00	32.39 0.54 0.00	29.22 0.26 0.00	29.27 0.20 0.00	30.85 0.21 0.00	31.72 0.06 0.00	35.19 0.00 0.00	35.07 -0.14 0.00	37.58 -0.15 0.00	42.84 -0.09 0.00	49.02 -0.20 0.00	52.42 -0.11 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.14 0.04 0.00	32.04 0.13 0.00	28.86 0.20 0.00
ALCOA_RYNLDS___DRP 24188	31.68 0.74 0.00	28.03 0.68 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.37 0.62 0.00	26.98 0.66 0.00	31.37 0.82 0.00	33.81 0.89 0.00	32.39 0.54 0.00	29.22 0.26 0.00	29.27 0.20 0.00	30.85 0.21 0.00	31.72 0.06 0.00	35.19 0.00 0.00	35.07 -0.14 0.00	37.58 -0.15 0.00	42.84 -0.09 0.00	49.02 -0.20 0.00	52.42 -0.11 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.14 0.04 0.00	32.04 0.13 0.00	28.86 0.20 0.00
ALCOA___DSASP 323711	31.67 0.74 0.00	28.03 0.68 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.37 0.62 0.00	26.98 0.66 0.00	31.37 0.83 0.00	33.81 0.89 0.00	32.39 0.54 0.00	29.22 0.26 0.00	29.27 0.20 0.00	30.85 0.22 0.00	31.72 0.06 0.00	35.19 0.00 0.00	35.07 -0.14 0.00	37.58 -0.15 0.00	42.84 -0.09 0.00	49.02 -0.20 0.00	52.43 -0.10 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.14 0.04 0.00	32.04 0.13 0.00	28.86 0.20 0.00
ALLEGHENY___COGEN 23514	31.99 1.05 0.00	28.09 0.74 0.00	26.16 0.61 0.00	25.12 0.44 0.00	25.15 0.39 0.00	26.93 0.61 0.00	30.85 0.31 0.00	32.79 -0.13 0.00	31.18 -0.67 0.00	28.52 -0.43 0.00	28.49 -0.58 0.00	30.27 -0.37 0.00	30.96 -0.70 0.00	34.10 -1.09 0.00	34.34 -0.88 0.00	36.56 -1.17 0.00	41.89 -1.03 0.00	48.67 -0.54 0.00	53.37 0.84 0.00	52.95 1.79 0.00	47.15 2.07 0.00	40.94 1.84 0.00	33.12 1.21 0.00	30.06 1.40 0.00
ALTAMONT_115KV_TB 2 55880	31.27 0.34 0.00	27.70 0.36 0.00	25.93 0.38 0.00	25.04 0.37 0.00	25.13 0.37 0.00	26.69 0.37 0.00	30.97 0.43 0.00	33.45 0.53 0.00	32.70 0.67 -0.17	29.62 0.67 0.00	29.71 0.64 0.00	31.28 0.64 0.00	32.58 0.76 -0.17	36.19 0.88 -0.13	36.20 0.95 -0.04	38.81 1.06 -0.02	44.15 1.16 -0.07	50.65 1.43 -0.01	53.95 1.42 0.00	52.49 1.33 0.00	46.24 1.17 0.00	40.12 1.02 0.00	32.74 0.83 0.00	29.35 0.69 0.00
ALTONA_WT_PWR 323606	31.43 0.49 0.00	27.84 0.49 0.00	25.98 0.43 0.00	25.14 0.47 0.00	25.30 0.54 0.00	26.90 0.58 0.00	31.31 0.76 0.00	33.74 0.82 0.00	32.33 0.48 0.00	29.10 0.15 0.00	29.10 0.03 0.00	30.66 0.03 0.00	31.56 -0.09 0.00	34.98 -0.21 0.00	34.79 -0.42 0.00	37.24 -0.49 0.00	42.41 -0.51 0.00	48.63 -0.59 0.00	52.00 -0.53 0.00	50.75 -0.41 0.00	44.80 -0.27 0.00	38.83 -0.27 0.00	31.75 -0.16 0.00	28.54 -0.11 0.00
AMERICAN_REF_FUEL 24010	29.88 -1.05 0.00	26.20 -1.15 0.00	24.73 -0.82 0.00	23.51 -1.16 0.00	23.57 -1.19 0.00	24.95 -1.37 0.00	28.35 -2.20 0.00	29.89 -3.03 0.00	28.86 -3.00 0.00	27.04 -1.91 0.00	27.32 -1.74 0.00	29.26 -1.38 0.00	29.82 -1.84 0.00	32.55 -2.64 0.00	32.65 -2.57 0.00	34.30 -3.43 0.00	38.93 -3.99 0.00	44.74 -4.48 0.00	48.54 -3.99 0.00	47.73 -3.43 0.00	42.50 -2.57 0.00	37.19 -1.92 0.00	30.47 -1.44 0.00	28.49 -0.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.75 -0.18 0.00	27.02 -0.33 0.00	25.19 -0.36 0.00	24.25 -0.42 0.00	24.33 -0.42 0.00	25.90 -0.42 0.00	29.51 -1.04 0.00	31.31 -1.61 0.00	30.16 -1.69 0.00	28.23 -0.72 0.00	28.45 -0.61 0.00	30.42 -0.21 0.00	30.89 -0.76 0.00	33.71 -1.48 0.00	33.81 -1.41 0.00	35.54 -2.19 0.00	40.18 -2.75 0.00	46.36 -2.86 0.00	50.48 -2.05 0.00	49.93 -1.23 0.00	44.40 -0.67 0.00	38.75 -0.35 0.00	31.69 -0.22 0.00	29.20 0.54 0.00
ARTHUR KILL_GT_1 23520	32.76 1.83 0.00	28.88 1.53 0.00	27.01 1.46 0.00	26.03 1.36 0.00	26.14 1.39 0.00	27.59 1.26 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.13 2.26 -1.02	31.39 2.43 0.00	31.79 2.70 -0.02	33.50 2.85 -0.02	35.68 2.69 -1.33	39.00 2.96 -0.86	39.82 3.13 -1.47	41.26 3.32 -0.21	47.33 3.95 -0.45	53.48 4.23 -0.04	56.57 4.04 0.00	54.85 3.68 0.00	48.05 2.97 0.00	41.61 2.50 0.00	34.78 2.87 0.00	31.09 2.44 0.00
ARTHUR_KILL_2 23512	32.67 1.73 -0.01	28.80 1.45 -0.01	26.94 1.38 -0.01	25.96 1.28 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.04 2.17 -1.02	31.30 2.34 0.00	31.71 2.62 -0.02	33.38 2.73 -0.02	35.52 2.53 -1.33	38.90 2.85 -0.86	39.68 2.99 -1.47	41.11 3.17 -0.21	47.16 3.78 -0.45	53.28 4.04 -0.03	56.31 3.78 0.01	54.58 3.43 0.01	47.86 2.80 0.01	41.40 2.31 0.01	34.65 2.74 0.00	30.93 2.26 -0.01
ARTHUR_KILL_3 23513	32.20 1.27 0.00	28.44 1.10 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.27 0.95 0.00	31.83 1.28 0.00	34.60 1.68 0.00	34.94 2.07 -1.02	31.18 2.23 0.00	31.46 2.38 -0.01	33.10 2.45 -0.01	35.92 2.94 -1.33	39.42 3.38 -0.86	40.17 3.49 -1.47	41.63 3.70 -0.20	47.41 4.03 -0.45	53.63 4.38 -0.04	56.42 3.89 0.00	54.64 3.48 0.00	47.91 2.84 0.00	41.61 2.50 0.00	34.14 2.23 0.00	30.44 1.78 0.00

ARTHUR_KILL_COGEN 323718	32.77 1.82 -0.01	28.89 1.53 -0.01	27.01 1.46 -0.01	26.04 1.36 -0.01	26.15 1.39 -0.01	27.59 1.26 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.13 2.26 -1.02	31.39 2.43 0.00	31.79 2.70 -0.02	33.50 2.85 -0.02	35.61 2.63 -1.33	39.00 2.96 -0.86	39.82 3.13 -1.47	41.26 3.32 -0.21	47.32 3.95 -0.45	53.48 4.23 -0.03	56.57 4.05 0.01	54.79 3.63 0.01	48.04 2.97 0.01	41.56 2.47 0.01	34.78 2.87 0.00	31.02 2.35 -0.01
ASHOKAN____ 23654	31.86 0.93 0.00	28.11 0.76 0.00	26.32 0.77 0.00	25.41 0.74 0.00	25.52 0.77 0.00	27.06 0.74 0.00	31.37 0.83 0.00	33.71 0.79 0.00	32.68 0.83 0.00	29.71 0.75 0.00	29.68 0.61 0.00	31.25 0.61 0.00	32.60 0.95 0.00	36.35 1.16 0.00	36.48 1.27 0.00	39.28 1.55 0.00	44.90 1.98 0.00	51.72 2.51 0.00	55.21 2.68 0.00	53.77 2.61 0.00	47.28 2.21 0.00	40.98 1.88 0.00	33.38 1.47 0.00	29.89 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.55 1.61 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.02 1.26 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.70 1.78 0.00	34.96 2.10 -1.01	31.23 2.29 0.01	31.66 2.59 -0.01	33.28 2.63 -0.01	35.84 2.85 -1.33	39.15 3.10 -0.87	40.04 3.35 -1.47	41.37 3.43 -0.21	47.37 3.99 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.48 3.32 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.46 2.55 0.00	30.76 2.09 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.55 1.61 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.02 1.26 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.70 1.78 0.00	34.96 2.10 -1.01	31.23 2.29 0.01	31.66 2.59 -0.01	33.28 2.63 -0.01	35.84 2.85 -1.33	39.15 3.10 -0.87	40.04 3.35 -1.47	41.37 3.43 -0.21	47.37 3.99 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.48 3.32 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.46 2.55 0.00	30.76 2.09 -0.01
ASTORIA_GT2_1 24094	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT2_2 24095	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT2_3 24096	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT2_4 24097	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT3_1 24098	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT3_2 24099	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT3_3 24100	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT3_4 24101	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT4_1 24102	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT4_2 24103	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT4_3 24104	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00

ASTORIA_GT4_4 24105	32.57 1.64 0.00	28.77 1.42 0.00	26.91 1.35 0.00	25.93 1.26 0.00	26.04 1.29 0.00	27.48 1.16 0.00	31.98 1.44 0.00	34.73 1.81 0.00	34.97 2.10 -1.02	31.27 2.32 0.00	31.66 2.59 0.00	33.30 2.67 0.00	35.93 2.94 -1.33	39.16 3.10 -0.88	40.03 3.35 -1.47	41.42 3.47 -0.22	47.37 3.99 -0.45	53.44 4.18 -0.04	56.31 3.78 0.00	54.54 3.38 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.49 2.58 0.00	30.87 2.21 0.00
ASTORIA_GT_1 23523	32.64 1.70 0.00	28.80 1.45 0.00	26.96 1.41 0.00	25.98 1.31 0.00	26.09 1.34 0.00	27.53 1.21 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.03 2.17 -1.02	31.33 2.37 0.00	31.72 2.65 0.00	33.36 2.73 0.00	35.99 3.01 -1.33	39.27 3.20 -0.88	40.14 3.45 -1.47	41.49 3.55 -0.22	47.50 4.12 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.69 3.53 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.56 2.65 0.00	30.92 2.26 0.00
ASTORIA_GT_10 24110	32.48 1.55 0.00	28.69 1.34 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.46 1.13 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.30 2.35 0.00	31.67 2.59 -0.02	33.32 2.67 -0.02	35.98 2.94 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.33 3.95 -0.45	53.39 4.13 -0.04	56.26 3.73 0.00	54.49 3.33 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.40 2.49 0.00	30.81 2.15 0.00
ASTORIA_GT_11 24225	32.48 1.55 0.00	28.69 1.34 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.46 1.13 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.30 2.35 0.00	31.67 2.59 -0.02	33.32 2.67 -0.02	35.98 2.94 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.33 3.95 -0.45	53.39 4.13 -0.04	56.26 3.73 0.00	54.49 3.33 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.40 2.49 0.00	30.81 2.15 0.00
ASTORIA_GT_12 24226	32.48 1.55 0.00	28.69 1.34 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.46 1.13 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.30 2.35 0.00	31.67 2.59 -0.02	33.32 2.67 -0.02	35.98 2.94 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.33 3.95 -0.45	53.39 4.13 -0.04	56.26 3.73 0.00	54.49 3.33 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.40 2.49 0.00	30.81 2.15 0.00
ASTORIA_GT_13 24227	32.48 1.55 0.00	28.69 1.34 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.46 1.13 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.30 2.35 0.00	31.67 2.59 -0.02	33.32 2.67 -0.02	35.98 2.94 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.33 3.95 -0.45	53.39 4.13 -0.04	56.26 3.73 0.00	54.49 3.33 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.40 2.49 0.00	30.81 2.15 0.00
ASTORIA_GT_5 24106	32.64 1.70 0.00	28.80 1.45 0.00	26.96 1.41 0.00	25.98 1.31 0.00	26.09 1.34 0.00	27.53 1.21 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.03 2.17 -1.02	31.33 2.37 0.00	31.72 2.65 0.00	33.36 2.73 0.00	35.99 3.01 -1.33	39.27 3.20 -0.88	40.14 3.45 -1.47	41.49 3.55 -0.22	47.50 4.12 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.69 3.53 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.56 2.65 0.00	30.92 2.26 0.00
ASTORIA_GT_7 24107	32.64 1.70 0.00	28.80 1.45 0.00	26.96 1.41 0.00	25.98 1.31 0.00	26.09 1.34 0.00	27.53 1.21 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.03 2.17 -1.02	31.33 2.37 0.00	31.72 2.65 0.00	33.36 2.73 0.00	35.99 3.01 -1.33	39.27 3.20 -0.88	40.14 3.45 -1.47	41.49 3.55 -0.22	47.50 4.12 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.69 3.53 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.56 2.65 0.00	30.92 2.26 0.00
ASTORIA_GT_8 24108	32.64 1.70 0.00	28.80 1.45 0.00	26.96 1.41 0.00	25.98 1.31 0.00	26.09 1.34 0.00	27.53 1.21 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.03 2.17 -1.02	31.33 2.37 0.00	31.72 2.65 0.00	33.36 2.73 0.00	35.99 3.01 -1.33	39.27 3.20 -0.88	40.14 3.45 -1.47	41.49 3.55 -0.22	47.50 4.12 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.69 3.53 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.56 2.65 0.00	30.92 2.26 0.00
ASTORIA___2 24149	32.58 1.64 -0.01	28.78 1.42 -0.01	26.91 1.35 -0.01	25.94 1.26 -0.01	26.05 1.29 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.73 1.81 0.00	34.96 2.10 -1.01	31.26 2.32 0.01	31.66 2.59 -0.01	33.31 2.66 -0.01	35.84 2.85 -1.33	39.19 3.13 -0.87	40.04 3.35 -1.47	41.41 3.47 -0.21	47.37 3.99 -0.45	53.43 4.18 -0.03	56.31 3.78 0.01	54.53 3.38 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.49 2.58 0.00	30.76 2.09 -0.01
ASTORIA___3 23516	32.49 1.55 -0.01	28.69 1.34 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.46 1.13 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.04 2.17 -1.02	31.30 2.34 0.00	31.67 2.59 -0.02	33.32 2.66 -0.02	35.91 2.88 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.48 3.32 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.40 2.49 0.00	30.70 2.03 -0.01
ASTORIA___4 23517	32.48 1.55 0.00	28.69 1.34 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.46 1.13 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.30 2.35 0.00	31.67 2.59 -0.02	33.32 2.67 -0.02	35.98 2.94 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.33 3.95 -0.45	53.39 4.13 -0.04	56.26 3.73 0.00	54.49 3.33 0.00	47.78 2.70 0.00	41.49 2.39 0.00	34.40 2.49 0.00	30.81 2.15 0.00
ASTORIA___5 23518	32.49 1.55 -0.01	28.69 1.34 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.46 1.13 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.04 2.17 -1.02	31.30 2.34 0.00	31.67 2.59 -0.02	33.32 2.66 -0.02	35.91 2.88 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.43 3.28 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.40 2.49 0.00	30.70 2.03 -0.01
AST_ENERGY_2_CC3 323677	28.12 1.36 4.17	28.12 1.18 0.40	26.65 1.10 0.00	25.73 1.06 0.00	25.82 1.06 0.00	27.35 1.03 0.00	28.12 1.34 3.77	28.12 1.74 6.54	28.12 2.13 5.87	28.12 2.26 3.10	29.36 2.44 2.15	29.36 2.51 3.79	29.36 2.97 5.27	29.36 3.41 9.24	29.36 3.52 9.38	29.36 3.70 12.07	29.36 4.08 17.64	29.36 4.48 24.33	29.68 4.05 26.90	29.36 3.63 25.43	29.36 2.97 18.69	29.36 2.58 12.33	29.36 2.30 4.85	29.36 1.86 1.16
AST_ENERGY_2_CC4 323678	28.12 1.36 4.17	28.12 1.18 0.40	26.65 1.10 0.00	25.73 1.06 0.00	25.82 1.06 0.00	27.35 1.03 0.00	28.12 1.34 3.77	28.12 1.74 6.54	28.12 2.13 5.87	28.12 2.26 3.10	29.36 2.44 2.15	29.36 2.51 3.79	29.36 2.97 5.27	29.36 3.41 9.24	29.36 3.52 9.38	29.36 3.70 12.07	29.36 4.08 17.64	29.36 4.48 24.33	29.68 4.05 26.90	29.36 3.63 25.43	29.36 2.97 18.69	29.36 2.58 12.33	29.36 2.30 4.85	29.36 1.86 1.16

ATHENS_STG_1 23668	31.31 0.37 0.00	27.73 0.38 0.00	25.96 0.41 0.00	25.07 0.39 0.00	25.18 0.42 0.00	26.69 0.37 0.00	30.97 0.43 0.00	33.51 0.59 0.00	32.85 0.80 -0.20	29.82 0.87 0.00	29.97 0.90 0.00	31.55 0.92 0.00	32.95 1.08 -0.22	36.64 1.30 -0.15	36.63 1.37 -0.04	39.27 1.51 -0.03	44.69 1.67 -0.09	51.14 1.92 -0.01	54.32 1.79 0.00	52.75 1.59 0.00	46.38 1.31 0.00	40.28 1.17 0.00	32.90 0.99 0.00	29.43 0.77 0.00
ATHENS_STG_2 23670	31.31 0.37 0.00	27.73 0.38 0.00	25.96 0.41 0.00	25.07 0.39 0.00	25.18 0.42 0.00	26.69 0.37 0.00	30.97 0.43 0.00	33.51 0.59 0.00	32.85 0.80 -0.20	29.82 0.87 0.00	29.97 0.90 0.00	31.55 0.92 0.00	32.95 1.08 -0.22	36.64 1.30 -0.15	36.63 1.37 -0.04	39.27 1.51 -0.03	44.69 1.67 -0.09	51.14 1.92 -0.01	54.32 1.79 0.00	52.75 1.59 0.00	46.38 1.31 0.00	40.28 1.17 0.00	32.90 0.99 0.00	29.43 0.77 0.00
ATHENS_STG_3 23677	31.31 0.37 0.00	27.73 0.38 0.00	25.96 0.41 0.00	25.07 0.39 0.00	25.18 0.42 0.00	26.69 0.37 0.00	30.97 0.43 0.00	33.51 0.59 0.00	32.85 0.80 -0.20	29.82 0.87 0.00	29.97 0.90 0.00	31.55 0.92 0.00	32.95 1.08 -0.22	36.64 1.30 -0.15	36.63 1.37 -0.04	39.27 1.51 -0.03	44.69 1.67 -0.09	51.14 1.92 -0.01	54.32 1.79 0.00	52.75 1.59 0.00	46.38 1.31 0.00	40.28 1.17 0.00	32.90 0.99 0.00	29.43 0.77 0.00
AUBURN___LFGE 323710	30.87 -0.06 0.00	27.24 -0.11 0.00	25.40 -0.15 0.00	24.48 -0.20 0.00	24.56 -0.20 0.00	26.22 -0.11 0.00	30.33 -0.21 0.00	32.66 -0.26 0.00	31.60 -0.25 0.00	28.81 -0.14 0.00	28.92 -0.15 0.00	30.63 0.00 0.00	31.50 -0.16 0.00	35.01 -0.18 0.00	35.04 -0.18 0.00	37.47 -0.26 0.00	42.71 -0.21 0.00	49.17 -0.05 0.00	52.85 0.32 0.00	51.57 0.41 0.00	45.48 0.41 0.00	39.42 0.31 0.00	32.10 0.19 0.00	28.80 0.14 0.00
BABYLON_RES_REC 323704	32.77 1.82 -0.01	28.93 1.59 0.00	26.96 1.40 0.00	26.01 1.33 0.00	26.02 1.26 0.00	27.74 1.42 0.00	32.19 1.65 0.00	35.00 2.08 0.00	35.45 2.58 -1.02	34.33 2.61 -2.77	42.72 2.70 -10.95	43.99 2.63 -10.72	41.90 3.39 -6.86	42.89 3.87 -3.83	43.20 3.98 -4.01	44.10 4.23 -2.14	48.20 4.81 -0.47	54.78 5.51 -0.06	57.85 5.30 -0.01	55.98 4.81 -0.01	49.08 4.01 0.00	42.67 3.56 -0.01	35.05 3.13 -0.01	31.22 2.55 -0.01
BALL_HILL_WT_PWR 323825	30.56 -0.37 0.00	26.83 -0.52 0.00	25.01 -0.54 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.61 -0.71 0.00	29.14 -1.40 0.00	30.88 -2.04 0.00	29.78 -2.07 0.00	27.85 -1.10 0.00	28.11 -0.96 0.00	30.05 -0.58 0.00	30.61 -1.04 0.00	33.46 -1.72 0.00	33.60 -1.62 0.00	35.36 -2.38 0.00	40.00 -2.92 0.00	46.12 -3.10 0.00	50.11 -2.42 0.00	49.42 -1.74 0.00	43.90 -1.17 0.00	38.32 -0.78 0.00	31.34 -0.57 0.00	28.92 0.26 0.00
BARON_WINDS___WT_PWR 323822	30.65 -0.28 0.00	26.99 -0.36 0.00	25.14 -0.41 0.00	24.15 -0.52 0.00	24.19 -0.57 0.00	25.77 -0.55 0.00	29.57 -0.98 0.00	31.54 -1.38 0.00	30.29 -1.56 0.00	27.94 -1.01 0.00	28.08 -0.99 0.00	29.84 -0.80 0.00	30.48 -1.17 0.00	33.57 -1.62 0.00	33.67 -1.55 0.00	35.88 -1.85 0.00	40.78 -2.14 0.00	47.00 -2.21 0.00	51.00 -1.53 0.00	50.34 -0.82 0.00	44.58 -0.49 0.00	38.83 -0.27 0.00	31.69 -0.22 0.00	28.86 0.20 0.00
BARRETT_IC_1 23704	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_10 23701	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_11 23702	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_12 23703	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_2 23705	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_3 23706	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_4 23707	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_5 23708	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01

BARRETT_IC_6 23709	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_7 23710	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.04 1.50 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.38 2.18 -10.14	42.64 2.08 -9.92	41.49 2.98 -6.86	42.29 3.27 -3.83	42.64 3.42 -4.01	43.53 3.66 -2.14	47.56 4.16 -0.47	53.94 4.68 -0.05	56.94 4.41 0.00	55.20 4.04 0.00	48.45 3.38 0.00	41.96 2.85 0.00	34.62 2.71 0.00	31.04 2.38 0.00
BARRETT_IC_8 23711	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT_IC_9 23700	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT___1 23545	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BARRETT___2 23546	32.52 1.58 -0.01	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	33.72 2.20 -2.57	41.47 2.27 -10.14	42.73 2.18 -9.92	41.42 2.91 -6.86	42.32 3.31 -3.83	42.64 3.41 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.21 4.04 -0.01	48.45 3.38 0.00	41.97 2.85 -0.01	34.63 2.71 -0.01	30.93 2.26 -0.01
BATAVIA___115KV_TB1 55881	31.09 0.15 0.00	27.26 -0.08 0.00	25.55 0.00 0.00	24.43 -0.25 0.00	24.48 -0.27 0.00	26.06 -0.26 0.00	29.60 -0.95 0.00	31.50 -1.42 0.00	30.42 -1.43 0.00	28.26 -0.69 0.00	28.54 -0.52 0.00	30.54 -0.09 0.00	30.89 -0.76 0.00	34.17 -1.02 0.00	34.26 -0.95 0.00	36.15 -1.58 0.00	41.21 -1.72 0.00	47.59 -1.62 0.00	51.58 -0.95 0.00	50.65 -0.51 0.00	45.12 0.05 0.00	39.26 0.16 0.00	31.94 0.03 0.00	29.09 0.43 0.00
BAYONEEC___CTG1 323682	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG10 323750	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG2 323683	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG3 323684	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG4 323685	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG5 323686	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG6 323687	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG7 323688	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00

BAYONEEC___CTG8 323689	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BAYONEEC___CTG9 323749	32.33 1.39 0.00	28.55 1.20 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.27 2.32 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.55 1.89 0.00
BEACON___LESR 323632	31.33 0.40 0.00	27.78 0.44 0.00	26.04 0.48 0.00	25.17 0.49 0.00	25.25 0.49 0.00	26.77 0.45 0.00	31.03 0.49 0.00	33.61 0.69 0.00	32.90 0.86 -0.19	29.76 0.81 0.00	29.82 0.75 0.00	31.34 0.71 0.00	32.56 0.73 -0.18	36.31 0.98 -0.14	36.28 1.02 -0.04	38.93 1.17 -0.02	44.24 1.25 -0.07	50.84 1.62 -0.01	54.16 1.63 0.00	52.69 1.53 0.00	46.42 1.35 0.00	40.20 1.09 0.00	32.80 0.89 0.00	29.38 0.72 0.00
BEAVER RIVER___HYD 24048	31.99 1.05 0.00	28.30 0.96 0.00	26.29 0.74 0.00	25.36 0.69 0.00	25.47 0.72 0.00	27.14 0.82 0.00	31.52 0.98 0.00	33.97 1.05 0.00	32.55 0.70 0.00	29.36 0.41 0.00	29.33 0.26 0.00	30.66 0.03 0.00	31.56 -0.09 0.00	35.15 -0.04 0.00	35.04 -0.18 0.00	37.58 -0.15 0.00	42.80 -0.13 0.00	49.41 0.20 0.00	53.37 0.84 0.00	52.34 1.18 0.00	46.29 1.22 0.00	40.12 1.02 0.00	32.61 0.70 0.00	29.46 0.80 0.00
BEEBEE_GT_13 23619	30.81 -0.12 0.00	27.10 -0.25 0.00	25.24 -0.31 0.00	24.30 -0.37 0.00	24.36 -0.40 0.00	25.93 -0.39 0.00	29.66 -0.89 0.00	31.83 -1.09 0.00	30.83 -1.02 0.00	28.46 -0.49 0.00	28.72 -0.35 0.00	30.60 -0.03 0.00	31.21 -0.44 0.00	34.59 -0.60 0.00	34.65 -0.56 0.00	36.75 -0.98 0.00	41.94 -0.99 0.00	48.28 -0.94 0.00	51.95 -0.58 0.00	50.80 -0.36 0.00	45.03 -0.05 0.00	39.10 0.00 0.00	31.81 -0.10 0.00	28.72 0.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.79 1.86 0.00	28.91 1.56 0.00	27.03 1.48 0.00	26.08 1.41 0.00	26.17 1.41 0.00	27.61 1.29 0.00	32.20 1.65 0.00	34.96 2.04 0.00	35.26 2.39 -1.02	31.53 2.58 0.00	31.93 2.85 -0.02	33.62 2.97 -0.02	36.14 3.10 -1.38	39.48 3.41 -0.88	40.29 3.59 -1.49	41.72 3.77 -0.22	47.76 4.38 -0.45	53.98 4.72 -0.04	57.00 4.47 0.00	55.20 4.04 0.00	48.41 3.34 0.00	41.84 2.74 0.00	34.78 2.87 0.00	31.12 2.46 0.00
BETHLEHEM___GRP 23843	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.61 0.06 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.21 0.00	32.15 0.32 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.83 0.67 0.00	45.61 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.94 0.29 0.00
BETHLEHEM___GS1 323560	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.58 0.03 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.22 0.00	32.11 0.28 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.78 0.62 0.00	45.62 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.89 0.23 0.00
BETHLEHEM___GS2 323561	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.58 0.03 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.22 0.00	32.11 0.28 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.78 0.62 0.00	45.62 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.89 0.23 0.00
BETHLEHEM___GS3 323562	30.87 -0.06 0.00	27.40 0.05 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.90 0.15 0.00	26.38 0.05 0.00	30.58 0.03 0.00	33.12 0.20 0.00	32.42 0.38 -0.19	29.33 0.38 0.00	29.39 0.32 0.00	30.85 0.22 0.00	32.11 0.28 -0.18	35.78 0.46 -0.14	35.75 0.49 -0.04	38.36 0.60 -0.02	43.60 0.60 -0.07	50.06 0.84 -0.01	53.27 0.74 0.00	51.78 0.62 0.00	45.62 0.54 0.00	39.54 0.43 0.00	32.29 0.38 0.00	28.89 0.23 0.00
BETHLEHEM___STEEL 23779	30.53 -0.40 0.00	26.77 -0.57 0.00	24.99 -0.56 0.00	24.01 -0.67 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	28.96 -1.59 0.00	30.78 -2.14 0.00	29.69 -2.17 0.00	27.77 -1.19 0.00	28.08 -0.99 0.00	30.02 -0.61 0.00	30.26 -1.39 0.00	33.43 -1.76 0.00	33.52 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.00 0.00	46.02 -3.20 0.00	49.96 -2.57 0.00	49.11 -2.05 0.00	43.72 -1.35 0.00	38.17 -0.94 0.00	31.27 -0.64 0.00	28.52 -0.14 0.00
BETHLHEM_115KV_TB1 79974	30.93 0.00 0.00	27.46 0.11 0.00	25.73 0.18 0.00	24.87 0.20 0.00	24.95 0.20 0.00	26.67 0.34 0.00	30.94 0.40 0.00	33.45 0.53 0.00	32.71 0.67 -0.19	29.65 0.69 0.00	29.76 0.70 0.00	31.31 0.67 0.00	32.62 0.79 -0.17	36.27 0.95 -0.14	36.24 0.99 -0.04	38.85 1.09 -0.02	44.19 1.20 -0.07	50.70 1.48 -0.01	53.95 1.42 0.00	52.49 1.33 0.00	46.20 1.13 0.00	40.08 0.98 0.00	32.71 0.80 0.00	29.35 0.69 0.00
BETHPAGE_CC_5 323564	32.64 1.70 -0.01	28.82 1.48 0.00	26.88 1.33 0.00	25.96 1.28 0.00	25.94 1.19 0.00	27.67 1.34 0.00	32.10 1.56 0.00	34.80 1.88 0.00	35.20 2.32 -1.02	34.27 2.37 -2.94	43.18 2.50 -11.61	44.41 2.42 -11.36	41.67 3.17 -6.86	42.64 3.62 -3.83	42.95 3.73 -4.01	43.87 4.00 -2.14	47.90 4.51 -0.47	54.39 5.12 -0.05	57.43 4.89 -0.01	55.57 4.40 -0.01	48.72 3.65 0.00	42.32 3.21 -0.01	34.76 2.84 -0.01	31.02 2.35 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.53 -0.40 0.00	26.77 -0.57 0.00	24.99 -0.56 0.00	24.01 -0.67 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	28.99 -1.56 0.00	30.81 -2.11 0.00	29.72 -2.13 0.00	27.80 -1.16 0.00	28.11 -0.96 0.00	30.05 -0.58 0.00	30.29 -1.36 0.00	33.46 -1.72 0.00	33.56 -1.66 0.00	35.32 -2.41 0.00	39.96 -2.96 0.00	46.07 -3.15 0.00	50.01 -2.52 0.00	49.22 -1.94 0.00	43.81 -1.26 0.00	38.21 -0.90 0.00	31.27 -0.64 0.00	28.52 -0.14 0.00
BINGHAMTON___COGEN 23790	30.90 -0.03 0.00	27.26 -0.08 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.27 -0.27 0.00	32.56 -0.36 0.00	31.50 -0.35 0.00	28.84 -0.12 0.00	29.01 -0.06 0.00	30.69 0.06 0.00	31.59 -0.06 0.00	35.08 -0.11 0.00	35.14 -0.07 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.50 0.39 0.00	32.20 0.29 0.00	28.97 0.32 0.00

BIXINCNT_115KV_LOAD 355685	30.32 -0.62 0.00	26.64 -0.71 0.00	24.81 -0.74 0.00	23.83 -0.84 0.00	23.86 -0.89 0.00	25.40 -0.92 0.00	28.87 -1.68 0.00	30.68 -2.24 0.00	29.59 -2.26 0.00	27.65 -1.30 0.00	27.90 -1.16 0.00	29.75 -0.89 0.00	29.91 -1.74 0.00	32.97 -2.22 0.00	33.03 -2.18 0.00	34.71 -3.02 0.00	39.23 -3.69 0.00	45.23 -3.99 0.00	49.33 -3.20 0.00	48.76 -2.40 0.00	43.45 -1.62 0.00	37.93 -1.17 0.00	31.08 -0.83 0.00	28.34 -0.32 0.00
BLACK RIVER___HYD 24047	32.39 1.45 0.00	28.66 1.31 0.00	26.62 1.07 0.00	25.63 0.96 0.00	25.72 0.96 0.00	27.46 1.13 0.00	31.86 1.31 0.00	34.33 1.41 0.00	32.87 1.02 0.00	29.65 0.69 0.00	29.59 0.52 0.00	31.03 0.40 0.00	31.94 0.28 0.00	35.57 0.39 0.00	35.43 0.21 0.00	38.03 0.30 0.00	43.31 0.39 0.00	50.15 0.93 0.00	54.42 1.89 0.00	53.52 2.35 0.00	47.37 2.30 0.00	41.02 1.92 0.00	33.22 1.31 0.00	29.92 1.26 0.00
BLACKRVR_115KV_TB2 79977	32.39 1.45 0.00	28.66 1.31 0.00	26.62 1.07 0.00	25.64 0.96 0.00	25.72 0.97 0.00	27.46 1.13 0.00	31.86 1.31 0.00	34.34 1.42 0.00	32.87 1.02 0.00	29.65 0.69 0.00	29.59 0.52 0.00	31.03 0.40 0.00	31.94 0.28 0.00	35.61 0.42 0.00	35.43 0.21 0.00	38.03 0.30 0.00	43.31 0.39 0.00	50.15 0.94 0.00	54.42 1.89 0.00	53.51 2.35 0.00	47.37 2.30 0.00	41.02 1.92 0.00	33.22 1.31 0.00	29.89 1.23 0.00
BLDWN_LI_69_KV_BK4 356085	32.77 1.83 -0.01	28.96 1.61 0.00	26.98 1.43 0.00	26.06 1.38 0.00	26.04 1.29 0.00	27.77 1.45 0.00	32.23 1.68 0.00	34.96 2.04 0.00	35.36 2.48 -1.02	34.73 2.49 -3.29	44.62 2.56 -13.00	45.87 2.51 -12.72	41.90 3.39 -6.86	42.82 3.80 -3.83	43.13 3.91 -4.01	44.06 4.19 -2.14	48.20 4.81 -0.47	54.68 5.41 -0.05	57.73 5.20 0.00	55.97 4.81 0.00	49.08 4.01 0.00	42.55 3.44 0.00	34.94 3.03 0.00	31.27 2.61 0.00
BLISS_WT_PWR 323608	30.25 -0.68 0.00	26.58 -0.77 0.00	24.76 -0.79 0.00	23.79 -0.89 0.00	23.81 -0.94 0.00	25.35 -0.97 0.00	28.87 -1.68 0.00	30.61 -2.31 0.00	29.53 -2.32 0.00	27.59 -1.36 0.00	27.79 -1.28 0.00	29.65 -0.98 0.00	30.01 -1.65 0.00	32.76 -2.43 0.00	32.82 -2.40 0.00	34.49 -3.25 0.00	38.98 -3.95 0.00	44.98 -4.23 0.00	49.01 -3.52 0.00	48.66 -2.51 0.00	43.31 -1.76 0.00	37.85 -1.25 0.00	30.98 -0.93 0.00	28.60 -0.06 0.00
BLUESTONE___WT_PWR 323821	32.08 1.15 0.00	28.39 1.04 0.00	26.44 0.89 0.00	25.49 0.81 0.00	25.57 0.82 0.00	27.24 0.92 0.00	31.64 1.10 0.00	34.20 1.28 0.00	32.86 1.24 0.24	30.14 1.19 0.00	30.26 1.19 0.00	31.89 1.26 0.00	32.78 1.36 0.24	36.70 1.69 0.17	36.82 1.66 0.05	39.55 1.85 0.03	45.05 2.23 0.10	52.06 2.85 0.01	56.00 3.47 0.00	54.59 3.43 0.00	48.09 3.02 0.00	41.65 2.54 0.00	33.76 1.85 0.00	30.26 1.60 0.00
BLUE_CIRC_CHEM_DRP 24182	31.31 0.37 0.00	27.78 0.44 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.23 0.47 0.00	26.80 0.47 0.00	31.03 0.49 0.00	33.51 0.59 0.00	32.68 0.67 -0.16	29.56 0.61 0.00	29.62 0.55 0.00	31.12 0.49 0.00	32.38 0.57 -0.15	36.01 0.70 -0.12	35.99 0.74 -0.03	38.58 0.83 -0.02	43.89 0.90 -0.06	50.45 1.23 -0.01	53.79 1.26 0.00	52.44 1.28 0.00	46.20 1.13 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.37 0.72 0.00
BOC_GAS_DRP 24189	31.12 0.19 0.00	27.59 0.25 0.00	25.83 0.28 0.00	24.97 0.30 0.00	25.05 0.30 0.00	26.59 0.26 0.00	30.85 0.31 0.00	33.35 0.43 0.00	32.60 0.57 -0.18	29.56 0.61 0.00	29.68 0.61 0.00	31.22 0.58 0.00	32.55 0.73 -0.17	36.16 0.84 -0.13	36.13 0.88 -0.04	38.77 1.02 -0.02	44.07 1.07 -0.07	50.55 1.33 -0.01	53.74 1.21 0.00	52.29 1.13 0.00	46.02 0.95 0.00	39.93 0.82 0.00	32.61 0.70 0.00	29.23 0.57 0.00
BOONVILLE_115KV_TB1 79983	31.74 0.80 0.00	28.09 0.74 0.00	26.16 0.61 0.00	25.22 0.54 0.00	25.30 0.54 0.00	26.96 0.63 0.00	31.31 0.76 0.00	33.74 0.82 0.00	32.52 0.67 0.00	29.48 0.52 0.00	29.47 0.41 0.00	30.94 0.31 0.00	31.94 0.28 0.00	35.61 0.42 0.00	35.57 0.35 0.00	38.11 0.38 0.00	43.44 0.52 0.00	50.10 0.89 0.00	53.84 1.31 0.00	52.59 1.43 0.00	46.42 1.35 0.00	40.20 1.09 0.00	32.68 0.77 0.00	29.40 0.75 0.00
BORALEX_4TH_BRANCH 23824	32.02 1.08 0.00	28.33 0.98 0.00	26.55 1.00 0.00	25.64 0.96 0.00	25.74 0.99 0.00	27.32 1.00 0.00	31.86 1.31 0.00	34.43 1.51 0.00	33.81 1.72 -0.24	30.49 1.53 0.00	30.58 1.51 0.00	32.17 1.53 0.00	33.53 1.68 -0.19	37.30 1.94 -0.17	37.31 2.04 -0.05	40.06 2.30 -0.03	45.45 2.45 -0.08	52.47 3.25 -0.01	55.84 3.31 0.00	54.28 3.12 0.00	47.82 2.75 0.00	41.41 2.31 0.00	33.76 1.85 0.00	30.26 1.60 0.00
BOWLINE___1 23526	31.83 0.90 0.00	28.17 0.82 0.00	26.39 0.84 0.00	25.46 0.79 0.00	25.55 0.79 0.00	27.06 0.74 0.00	31.49 0.95 0.00	34.04 1.12 0.00	31.83 1.50 1.52	30.60 1.65 0.00	30.84 1.77 0.00	32.44 1.81 0.00	32.23 2.12 1.54	36.53 2.46 1.12	37.49 2.61 0.33	40.33 2.79 0.19	45.37 3.09 0.65	52.60 3.44 0.06	55.68 3.15 0.00	54.02 2.86 0.00	47.37 2.30 0.00	41.10 1.99 0.00	33.63 1.72 0.00	30.09 1.43 0.00
BOWLINE___2 23595	31.86 0.93 0.00	28.20 0.85 0.00	26.39 0.84 0.00	25.46 0.79 0.00	25.55 0.79 0.00	27.06 0.74 0.00	31.49 0.95 0.00	34.10 1.18 0.00	31.86 1.53 1.52	30.63 1.68 0.00	30.87 1.80 0.00	32.47 1.84 0.00	32.26 2.15 1.54	36.57 2.50 1.12	37.53 2.64 0.33	40.37 2.83 0.19	45.41 3.13 0.65	52.70 3.55 0.06	55.73 3.20 0.00	54.08 2.91 0.00	47.46 2.39 0.00	41.14 2.03 0.00	33.66 1.75 0.00	30.09 1.43 0.00
BRADY___115KV_TB2 356060	32.05 1.11 0.00	28.39 1.04 0.00	26.29 0.74 0.00	25.41 0.74 0.00	25.67 0.92 0.00	27.27 0.95 0.00	31.71 1.16 0.00	34.10 1.19 0.00	32.55 0.70 0.00	29.27 0.32 0.00	29.30 0.23 0.00	30.85 0.21 0.00	31.69 0.03 0.00	35.12 -0.07 0.00	35.00 -0.21 0.00	37.54 -0.19 0.00	42.84 -0.09 0.00	49.17 -0.05 0.00	52.74 0.21 0.00	51.62 0.46 0.00	45.57 0.50 0.00	39.57 0.47 0.00	32.36 0.45 0.00	29.15 0.49 0.00
BRANSCOMB___SOLAR 323811	32.05 1.11 0.00	28.36 1.01 0.00	26.50 0.95 0.00	25.61 0.94 0.00	25.72 0.96 0.00	27.32 1.00 0.00	31.71 1.16 0.00	34.27 1.35 0.00	33.47 1.43 -0.19	30.26 1.30 0.00	30.20 1.13 0.00	31.71 1.07 0.00	32.77 0.95 -0.17	36.52 1.20 -0.14	36.42 1.16 -0.04	39.11 1.36 -0.02	44.50 1.50 -0.07	51.29 2.07 -0.01	55.00 2.47 0.00	53.77 2.61 0.00	47.50 2.43 0.00	41.14 2.03 0.00	33.50 1.59 0.00	30.06 1.40 0.00
BRDGHMPT_69_KV_BK1 55812	33.20 2.26 -0.01	29.32 1.97 0.00	27.31 1.76 0.00	26.38 1.70 0.00	26.34 1.58 0.00	28.22 1.90 0.00	32.62 2.08 0.00	35.59 2.67 0.00	36.25 3.38 -1.02	34.94 3.47 -2.51	42.57 3.58 -9.93	44.03 3.68 -9.72	43.10 4.59 -6.86	44.15 5.14 -3.83	44.40 5.18 -4.01	45.23 5.36 -2.14	49.28 5.88 -0.47	55.87 6.39 -0.06	58.84 6.30 0.00	56.90 5.73 0.00	49.53 4.46 0.00	43.17 4.07 0.00	35.32 3.41 0.00	31.64 2.98 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	32.92 1.98 -0.01	29.07 1.72 0.00	27.06 1.51 0.00	26.13 1.46 0.00	26.09 1.34 0.00	27.88 1.55 0.00	32.32 1.77 0.00	35.19 2.27 0.00	35.68 2.80 -1.02	34.32 2.81 -2.56	41.95 2.79 -10.10	43.18 2.67 -9.88	42.18 3.67 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.28 4.38 -2.17	48.40 4.98 -0.50	55.01 5.71 -0.09	58.13 5.57 -0.03	56.31 5.12 -0.03	49.26 4.19 0.00	42.90 3.79 0.00	35.29 3.38 0.00	31.52 2.87 0.00
BRISTLHL_115KV_TB1 79998	30.38 -0.56 0.00	26.83 -0.52 0.00	25.04 -0.51 0.00	24.16 -0.52 0.00	24.21 -0.54 0.00	25.82 -0.50 0.00	29.90 -0.64 0.00	32.20 -0.72 0.00	31.18 -0.67 0.00	28.43 -0.52 0.00	28.54 -0.52 0.00	30.17 -0.46 0.00	31.08 -0.57 0.00	34.55 -0.63 0.00	34.58 -0.63 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.48 -0.74 0.00	51.95 -0.58 0.00	50.60 -0.56 0.00	44.62 -0.45 0.00	38.67 -0.43 0.00	31.50 -0.41 0.00	28.29 -0.37 0.00
BROOKHAVEN___DRP 24191	32.58 1.64 -0.01	28.74 1.39 0.00	26.75 1.20 0.00	25.83 1.16 0.00	25.79 1.04 0.00	27.59 1.26 0.00	31.98 1.44 0.00	34.83 1.91 0.00	35.36 2.48 -1.02	34.04 2.58 -2.51	41.52 2.53 -9.93	42.80 2.45 -9.72	41.96 3.45 -6.86	42.89 3.87 -3.83	43.20 3.98 -4.01	44.06 4.19 -2.14	48.07 4.68 -0.47	54.59 5.32 -0.06	57.68 5.15 0.00	55.87 4.71 0.00	48.77 3.70 0.00	42.51 3.40 0.00	34.91 3.00 0.00	31.18 2.52 0.00
BROOKLYN_NAVY_YARD 23515	32.26 1.33 0.00	28.50 1.15 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.32 1.00 0.00	31.92 1.38 0.00	34.70 1.78 0.00	35.04 2.17 -1.02	31.27 2.32 0.00	31.55 2.47 -0.01	33.19 2.54 -0.01	35.99 3.01 -1.33	39.49 3.45 -0.86	40.20 3.52 -1.47	41.63 3.70 -0.20	47.50 4.12 -0.45	53.78 4.52 -0.04	56.58 4.05 0.00	54.79 3.63 0.00	48.09 3.02 0.00	41.65 2.54 0.00	34.24 2.33 0.00	30.52 1.86 0.00
BROOKLYN___ARMY_DRP 323595	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
BROOME_2_LFGE 323671	30.90 -0.03 0.00	27.27 -0.08 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.30 -0.25 0.00	32.56 -0.36 0.00	31.50 -0.35 0.00	28.87 -0.09 0.00	29.01 -0.06 0.00	30.69 0.06 0.00	31.62 -0.03 0.00	35.08 -0.11 0.00	35.14 -0.07 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.50 0.39 0.00	32.20 0.29 0.00	29.03 0.37 0.00
BROOME___LFGE 323600	30.90 -0.03 0.00	27.27 -0.08 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.30 -0.25 0.00	32.56 -0.36 0.00	31.50 -0.35 0.00	28.87 -0.09 0.00	29.01 -0.06 0.00	30.69 0.06 0.00	31.62 -0.03 0.00	35.08 -0.11 0.00	35.14 -0.07 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.50 0.39 0.00	32.20 0.29 0.00	29.03 0.37 0.00
BROWNFLS_115KV_TB 3_5 80003	31.89 0.96 0.00	28.22 0.88 0.00	26.16 0.61 0.00	25.27 0.59 0.00	25.47 0.72 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.91 0.99 0.00	32.46 0.61 0.00	29.24 0.29 0.00	29.24 0.17 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.94 -0.25 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	49.02 -0.20 0.00	52.79 0.26 0.00	51.67 0.51 0.00	45.66 0.59 0.00	39.65 0.55 0.00	32.36 0.45 0.00	29.23 0.57 0.00
BROWNSV1_27_KV_LOAD 356125	32.60 1.67 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.61 1.29 0.00	32.26 1.71 0.00	35.03 2.11 0.00	35.35 2.48 -1.02	31.56 2.61 0.00	31.87 2.79 -0.01	33.53 2.88 -0.01	36.37 3.39 -1.33	39.84 3.80 -0.86	40.63 3.94 -1.47	42.08 4.15 -0.20	48.01 4.64 -0.45	54.42 5.17 -0.04	57.26 4.73 0.00	55.51 4.35 0.00	48.68 3.61 0.00	42.19 3.09 0.00	34.59 2.68 0.00	30.95 2.29 0.00
BURROWS___LYONSDAL 23803	31.80 0.87 0.00	28.11 0.77 0.00	26.19 0.64 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.98 0.66 0.00	31.34 0.79 0.00	33.78 0.86 0.00	32.52 0.67 0.00	29.42 0.46 0.00	29.42 0.35 0.00	30.82 0.18 0.00	31.81 0.16 0.00	35.43 0.25 0.00	35.39 0.18 0.00	37.96 0.23 0.00	43.22 0.30 0.00	49.85 0.64 0.00	53.69 1.16 0.00	52.49 1.33 0.00	46.33 1.26 0.00	40.16 1.06 0.00	32.61 0.70 0.00	29.40 0.75 0.00
CAITHNESS_CC_1 323624	32.55 1.61 -0.01	28.74 1.39 0.00	26.75 1.20 0.00	25.83 1.16 0.00	25.82 1.06 0.00	27.59 1.26 0.00	31.95 1.41 0.00	34.83 1.91 0.00	35.36 2.49 -1.02	34.02 2.55 -2.51	41.61 2.62 -9.92	42.89 2.54 -9.71	41.83 3.32 -6.86	42.85 3.84 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	47.99 4.60 -0.47	54.49 5.21 -0.06	57.59 5.04 -0.01	55.68 4.50 -0.01	48.72 3.65 0.00	42.48 3.36 -0.01	34.92 3.00 -0.01	31.04 2.38 -0.01
CALPINE BETH_PAGE_GT4 24209	32.71 1.76 -0.01	28.88 1.53 0.00	26.93 1.38 0.00	25.98 1.31 0.00	25.99 1.24 0.00	27.69 1.37 0.00	32.16 1.62 0.00	34.83 1.91 0.00	35.23 2.36 -1.02	34.46 2.37 -3.13	43.88 2.44 -12.37	45.10 2.36 -12.10	41.77 3.26 -6.86	42.67 3.66 -3.83	42.99 3.77 -4.01	43.87 4.00 -2.14	47.94 4.55 -0.47	54.44 5.17 -0.05	57.42 4.89 0.00	55.67 4.50 0.00	48.77 3.70 0.00	42.35 3.25 0.00	34.75 2.84 0.00	31.12 2.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.71 1.76 -0.01	28.88 1.53 0.00	26.93 1.38 0.00	25.98 1.31 0.00	25.99 1.24 0.00	27.69 1.37 0.00	32.13 1.59 0.00	34.83 1.91 0.00	35.23 2.36 -1.02	34.46 2.37 -3.13	43.96 2.53 -12.37	45.19 2.45 -12.10	41.71 3.20 -6.86	42.67 3.66 -3.83	42.99 3.77 -4.01	43.87 4.00 -2.14	47.94 4.55 -0.47	54.43 5.17 -0.05	57.43 4.89 -0.01	55.62 4.45 -0.01	48.77 3.70 0.00	42.36 3.24 -0.01	34.76 2.84 -0.01	31.02 2.35 -0.01
CALPINE_BP_GT1 23823	32.71 1.76 -0.01	28.88 1.53 0.00	26.93 1.38 0.00	25.98 1.31 0.00	25.99 1.24 0.00	27.69 1.37 0.00	32.13 1.59 0.00	34.83 1.91 0.00	35.23 2.36 -1.02	34.46 2.37 -3.13	43.96 2.53 -12.37	45.19 2.45 -12.10	41.71 3.20 -6.86	42.67 3.66 -3.83	42.99 3.77 -4.01	43.87 4.00 -2.14	47.94 4.55 -0.47	54.43 5.17 -0.05	57.43 4.89 -0.01	55.62 4.45 -0.01	48.77 3.70 0.00	42.36 3.24 -0.01	34.76 2.84 -0.01	31.02 2.35 -0.01
CALSPAN___DRP 24200	30.53 -0.40 0.00	26.77 -0.57 0.00	24.99 -0.56 0.00	24.01 -0.67 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	28.96 -1.59 0.00	30.78 -2.14 0.00	29.69 -2.17 0.00	27.77 -1.19 0.00	28.08 -0.99 0.00	30.02 -0.61 0.00	30.26 -1.39 0.00	33.43 -1.76 0.00	33.52 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.00 0.00	46.02 -3.20 0.00	49.96 -2.57 0.00	49.11 -2.05 0.00	43.72 -1.35 0.00	38.17 -0.94 0.00	31.27 -0.64 0.00	28.52 -0.14 0.00

CALVERTON___SOLAR 323806	32.61 1.67 -0.01	28.80 1.45 0.00	26.80 1.25 0.00	25.88 1.21 0.00	25.84 1.09 0.00	27.64 1.32 0.00	32.01 1.47 0.00	34.89 1.98 0.00	35.45 2.58 -1.02	34.10 2.63 -2.51	41.73 2.73 -9.93	43.05 2.70 -9.72	41.99 3.48 -6.86	43.03 4.01 -3.83	43.31 4.08 -4.01	44.17 4.30 -2.14	48.20 4.81 -0.47	54.78 5.51 -0.06	57.85 5.30 -0.01	55.88 4.70 -0.01	48.90 3.83 0.00	42.59 3.48 -0.01	34.98 3.06 -0.01	31.07 2.41 -0.01
CANDIGU_WT_PWR 323617	30.65 -0.28 0.00	26.99 -0.36 0.00	25.14 -0.41 0.00	24.15 -0.52 0.00	24.19 -0.57 0.00	25.77 -0.55 0.00	29.57 -0.98 0.00	31.54 -1.38 0.00	30.29 -1.56 0.00	27.94 -1.01 0.00	28.08 -0.99 0.00	29.84 -0.80 0.00	30.48 -1.17 0.00	33.57 -1.62 0.00	33.67 -1.55 0.00	35.88 -1.85 0.00	40.78 -2.14 0.00	47.00 -2.21 0.00	51.00 -1.53 0.00	50.34 -0.82 0.00	44.58 -0.49 0.00	38.83 -0.27 0.00	31.69 -0.22 0.00	28.86 0.20 0.00
CARR STREET_E_SYR 24060	30.53 -0.40 0.00	26.94 -0.41 0.00	25.17 -0.38 0.00	24.25 -0.42 0.00	24.31 -0.44 0.00	25.93 -0.39 0.00	30.03 -0.52 0.00	32.33 -0.59 0.00	31.31 -0.54 0.00	28.58 -0.38 0.00	28.72 -0.35 0.00	30.36 -0.28 0.00	31.31 -0.35 0.00	34.77 -0.42 0.00	34.79 -0.42 0.00	37.13 -0.61 0.00	42.32 -0.60 0.00	48.63 -0.59 0.00	52.06 -0.47 0.00	50.75 -0.41 0.00	44.71 -0.36 0.00	38.79 -0.31 0.00	31.65 -0.26 0.00	28.49 -0.17 0.00
CARTHAGE___PAPER 23857	32.23 1.30 0.00	28.52 1.18 0.00	26.47 0.92 0.00	25.54 0.86 0.00	25.62 0.87 0.00	27.35 1.03 0.00	31.77 1.22 0.00	34.20 1.28 0.00	32.74 0.89 0.00	29.50 0.55 0.00	29.44 0.38 0.00	30.82 0.18 0.00	31.72 0.06 0.00	35.33 0.14 0.00	35.18 -0.04 0.00	37.77 0.04 0.00	43.01 0.09 0.00	49.76 0.54 0.00	53.89 1.36 0.00	52.95 1.79 0.00	46.83 1.76 0.00	40.59 1.49 0.00	32.93 1.02 0.00	29.69 1.03 0.00
CASSADAGA_WT_PWR 323784	30.93 0.00 0.00	27.18 -0.16 0.00	25.32 -0.23 0.00	24.35 -0.32 0.00	24.46 -0.30 0.00	26.04 -0.29 0.00	29.78 -0.76 0.00	31.64 -1.28 0.00	30.45 -1.40 0.00	28.49 -0.46 0.00	28.75 -0.32 0.00	30.73 0.09 0.00	31.21 -0.44 0.00	34.06 -1.13 0.00	34.19 -1.02 0.00	35.92 -1.81 0.00	40.61 -2.32 0.00	46.80 -2.41 0.00	50.96 -1.57 0.00	50.34 -0.82 0.00	44.71 -0.36 0.00	39.03 -0.08 0.00	31.88 -0.03 0.00	29.35 0.69 0.00
CE_DUNWOOD___DRP 24194	32.14 1.21 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.80 1.25 0.00	34.47 1.55 0.00	34.78 1.88 -1.05	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	35.40 2.63 -1.12	38.92 2.96 -0.78	39.69 3.10 -1.38	41.19 3.32 -0.14	47.04 3.65 -0.47	53.39 4.13 -0.04	56.31 3.78 0.00	54.59 3.43 0.00	47.87 2.79 0.00	41.57 2.46 0.00	34.02 2.11 0.00	30.46 1.81 0.00
CE_MILLWOOD___DRP 24193	32.05 1.11 0.00	28.33 0.98 0.00	26.52 0.97 0.00	25.59 0.91 0.00	25.70 0.94 0.00	27.22 0.90 0.00	31.71 1.16 0.00	34.34 1.42 0.00	34.71 1.78 -1.08	30.87 1.91 0.00	31.10 2.03 0.00	32.72 2.08 0.00	35.30 2.50 -1.14	38.79 2.81 -0.79	39.52 2.92 -1.38	41.00 3.13 -0.14	46.88 3.48 -0.48	53.19 3.94 -0.04	56.15 3.62 0.00	54.44 3.27 0.00	47.78 2.70 0.00	41.45 2.35 0.00	33.92 2.01 0.00	30.38 1.72 0.00
CE_NYC2_DRP 24202	32.51 1.58 0.00	28.69 1.34 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.33 2.37 0.00	31.70 2.62 -0.02	33.35 2.70 -0.02	36.01 2.98 -1.38	39.30 3.24 -0.88	40.12 3.42 -1.49	41.53 3.58 -0.22	47.41 4.03 -0.45	53.53 4.28 -0.04	56.36 3.83 0.00	54.59 3.43 0.00	47.87 2.79 0.00	41.53 2.42 0.00	34.43 2.52 0.00	30.84 2.18 0.00
CE_NYC_DRP 24195	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.36 2.40 0.00	31.64 2.56 -0.01	33.28 2.63 -0.01	36.10 3.13 -1.31	39.55 3.52 -0.85	40.30 3.63 -1.46	41.78 3.85 -0.20	47.67 4.29 -0.45	53.98 4.72 -0.04	56.78 4.25 0.00	55.05 3.89 0.00	48.27 3.20 0.00	41.84 2.74 0.00	34.34 2.43 0.00	30.72 2.06 0.00
CHAFFEE___LFGE 323603	30.56 -0.37 0.00	26.80 -0.55 0.00	24.99 -0.56 0.00	24.03 -0.64 0.00	24.09 -0.67 0.00	25.59 -0.74 0.00	29.11 -1.44 0.00	30.85 -2.07 0.00	29.75 -2.10 0.00	27.85 -1.10 0.00	28.11 -0.96 0.00	30.08 -0.55 0.00	30.61 -1.04 0.00	33.46 -1.72 0.00	33.63 -1.58 0.00	35.39 -2.34 0.00	40.05 -2.88 0.00	46.16 -3.05 0.00	50.11 -2.42 0.00	49.37 -1.79 0.00	43.86 -1.21 0.00	38.32 -0.78 0.00	31.30 -0.61 0.00	28.92 0.26 0.00
CHATEAUG_35_KV_LOAD 355732	31.31 0.37 0.00	27.73 0.38 0.00	25.88 0.33 0.00	25.04 0.37 0.00	25.20 0.45 0.00	26.80 0.47 0.00	31.19 0.64 0.00	33.58 0.66 0.00	32.11 0.25 0.00	28.87 -0.09 0.00	28.89 -0.17 0.00	30.42 -0.21 0.00	31.31 -0.35 0.00	34.69 -0.49 0.00	34.55 -0.67 0.00	36.98 -0.75 0.00	42.15 -0.77 0.00	48.28 -0.94 0.00	51.69 -0.84 0.00	50.50 -0.67 0.00	44.58 -0.50 0.00	38.67 -0.43 0.00	31.62 -0.29 0.00	28.43 -0.23 0.00
CHATEAUG_WT_PWR 323614	31.27 0.34 0.00	27.70 0.35 0.00	25.86 0.31 0.00	25.02 0.35 0.00	25.15 0.39 0.00	26.74 0.42 0.00	31.12 0.58 0.00	33.54 0.62 0.00	32.14 0.29 0.00	28.93 -0.03 0.00	28.95 -0.12 0.00	30.48 -0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.62 -0.60 0.00	37.09 -0.64 0.00	42.24 -0.69 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.49 -0.67 0.00	44.58 -0.49 0.00	38.64 -0.47 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	31.31 0.37 0.00	27.73 0.38 0.00	25.88 0.33 0.00	25.04 0.37 0.00	25.20 0.45 0.00	26.80 0.47 0.00	31.19 0.64 0.00	33.58 0.66 0.00	32.11 0.25 0.00	28.87 -0.09 0.00	28.89 -0.17 0.00	30.42 -0.21 0.00	31.31 -0.35 0.00	34.69 -0.49 0.00	34.55 -0.67 0.00	36.98 -0.75 0.00	42.15 -0.77 0.00	48.28 -0.94 0.00	51.69 -0.84 0.00	50.50 -0.67 0.00	44.58 -0.50 0.00	38.67 -0.43 0.00	31.62 -0.29 0.00	28.43 -0.23 0.00
CHAUTAUQUA___LFGE 323629	30.75 -0.18 0.00	27.02 -0.33 0.00	25.19 -0.36 0.00	24.23 -0.44 0.00	24.31 -0.44 0.00	25.85 -0.47 0.00	29.39 -1.16 0.00	31.17 -1.75 0.00	30.04 -1.81 0.00	28.09 -0.87 0.00	28.34 -0.73 0.00	30.30 -0.34 0.00	30.83 -0.82 0.00	33.71 -1.48 0.00	33.84 -1.37 0.00	35.54 -2.19 0.00	40.22 -2.70 0.00	46.46 -2.76 0.00	50.53 -2.00 0.00	49.88 -1.28 0.00	44.35 -0.72 0.00	38.68 -0.43 0.00	31.65 -0.26 0.00	29.15 0.49 0.00
CHERRYST_13_KV_LD 356241	32.48 1.55 0.00	28.69 1.34 0.00	26.80 1.25 0.00	25.88 1.21 0.00	25.99 1.24 0.00	27.51 1.18 0.00	32.16 1.62 0.00	34.93 2.01 0.00	35.29 2.42 -1.02	31.47 2.52 0.00	31.78 2.70 -0.01	33.43 2.79 -0.01	36.26 3.29 -1.31	39.73 3.69 -0.85	40.48 3.80 -1.46	41.96 4.04 -0.20	47.89 4.51 -0.45	54.22 4.97 -0.04	57.05 4.52 0.00	55.25 4.09 0.00	48.41 3.34 0.00	42.00 2.89 0.00	34.43 2.52 0.00	30.81 2.15 0.00

CHESTROR_138KV_BK263 355645	31.68 0.74 0.00	28.03 0.68 0.00	26.22 0.66 0.00	25.32 0.64 0.00	25.40 0.64 0.00	26.93 0.61 0.00	31.34 0.79 0.00	33.84 0.92 0.00	31.94 1.21 1.12	30.29 1.33 0.00	30.46 1.40 0.00	32.07 1.44 0.00	32.29 1.77 1.13	36.37 2.01 0.82	37.09 2.11 0.24	39.89 2.30 0.14	45.02 2.58 0.48	52.08 2.90 0.04	55.26 2.73 0.00	53.67 2.51 0.00	47.10 2.03 0.00	40.86 1.76 0.00	33.38 1.47 0.00	29.92 1.26 0.00
CH_MIDHUDSON___DRP 24192	31.95 1.02 0.00	28.25 0.90 0.00	26.45 0.89 0.00	25.56 0.89 0.00	25.65 0.89 0.00	27.19 0.87 0.00	31.65 1.10 0.00	34.24 1.32 0.00	33.71 1.62 -0.23	30.63 1.68 0.00	30.81 1.74 0.00	32.44 1.81 0.00	34.07 2.15 -0.26	37.82 2.46 -0.17	37.84 2.57 -0.05	40.55 2.79 -0.03	46.17 3.13 -0.11	52.87 3.64 -0.01	55.94 3.41 0.00	54.28 3.12 0.00	47.69 2.61 0.00	41.33 2.23 0.00	33.76 1.85 0.00	30.23 1.58 0.00
CH_MISC_IPPS 23765	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.30 0.97 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.60 1.75 0.00	30.75 1.80 0.00	30.90 1.83 0.00	32.53 1.90 0.00	33.89 2.22 -0.02	37.79 2.60 0.00	37.93 2.71 0.00	40.68 2.94 0.00	46.28 3.35 -0.01	53.10 3.89 0.00	56.26 3.73 0.00	54.59 3.43 0.00	47.96 2.89 0.00	41.53 2.43 0.00	33.92 2.01 0.00	30.29 1.63 0.00
CH_RES_BVR_FALLS 23983	30.93 0.00 0.00	27.35 0.00 0.00	25.50 -0.05 0.00	24.65 -0.02 0.00	24.73 -0.02 0.00	26.30 -0.03 0.00	30.55 0.00 0.00	32.95 0.03 0.00	31.79 -0.06 0.00	28.81 -0.14 0.00	28.89 -0.17 0.00	30.42 -0.21 0.00	31.37 -0.29 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.37 -0.56 0.00	48.57 -0.64 0.00	51.90 -0.63 0.00	50.55 -0.61 0.00	44.58 -0.49 0.00	38.68 -0.43 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00
CH_RES_NIAGARA 23895	30.13 -0.80 0.00	26.42 -0.93 0.00	24.32 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.35 -2.20 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.26 -1.80 0.00	29.13 -1.50 0.00	29.38 -2.28 0.00	32.44 -2.74 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.21 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.38 -3.79 0.00	42.23 -2.84 0.00	36.95 -2.15 0.00	30.35 -1.56 0.00	27.68 -0.97 0.00
CH_RES_SYRACUSE 23985	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.29 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.53 -0.39 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.83 -0.23 0.00	30.51 -0.12 0.00	31.47 -0.19 0.00	34.90 -0.28 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.24 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.63 -0.03 0.00
CLINTON_WT_PWR 323605	31.27 0.34 0.00	27.70 0.35 0.00	25.86 0.31 0.00	25.02 0.35 0.00	25.15 0.39 0.00	26.74 0.42 0.00	31.12 0.58 0.00	33.54 0.62 0.00	32.14 0.29 0.00	28.93 -0.03 0.00	28.95 -0.12 0.00	30.48 -0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.62 -0.60 0.00	37.09 -0.64 0.00	42.24 -0.69 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.49 -0.67 0.00	44.58 -0.49 0.00	38.64 -0.47 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00
CLINTON___LFGE 323618	31.74 0.80 0.00	28.14 0.79 0.00	26.24 0.69 0.00	25.39 0.72 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.64 1.10 0.00	34.10 1.18 0.00	32.62 0.76 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.94 0.31 0.00	31.81 0.16 0.00	35.29 0.11 0.00	35.07 -0.14 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.21 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.10 0.19 0.00	28.83 0.17 0.00
COBBLENY_34_KV_TB1 80064	30.56 -0.37 0.00	26.80 -0.55 0.00	24.99 -0.56 0.00	24.03 -0.64 0.00	24.09 -0.67 0.00	25.59 -0.74 0.00	29.02 -1.53 0.00	30.85 -2.07 0.00	29.75 -2.10 0.00	27.83 -1.13 0.00	28.17 -0.90 0.00	30.08 -0.55 0.00	30.36 -1.30 0.00	33.50 -1.69 0.00	33.63 -1.58 0.00	35.39 -2.34 0.00	40.05 -2.88 0.00	46.16 -3.05 0.00	50.11 -2.42 0.00	49.32 -1.84 0.00	43.86 -1.22 0.00	38.28 -0.82 0.00	31.30 -0.61 0.00	28.54 -0.11 0.00
COFFEEN___115KV_TB3 355620	32.57 1.64 0.00	28.82 1.48 0.00	26.75 1.20 0.00	25.78 1.11 0.00	25.84 1.09 0.00	27.61 1.29 0.00	32.01 1.47 0.00	34.50 1.58 0.00	33.03 1.18 0.00	29.77 0.81 0.00	29.71 0.64 0.00	31.12 0.49 0.00	32.03 0.38 0.00	35.71 0.53 0.00	35.53 0.32 0.00	38.11 0.38 0.00	43.48 0.56 0.00	50.40 1.18 0.00	54.74 2.21 0.00	53.92 2.76 0.00	47.78 2.70 0.00	41.33 2.23 0.00	33.44 1.53 0.00	30.06 1.40 0.00
COLDSPRG_115KV_BK1 355956	30.90 -0.03 0.00	27.16 -0.19 0.00	25.30 -0.26 0.00	24.33 -0.35 0.00	24.41 -0.35 0.00	26.01 -0.32 0.00	29.78 -0.76 0.00	31.70 -1.22 0.00	30.48 -1.37 0.00	28.55 -0.41 0.00	28.86 -0.20 0.00	30.82 0.18 0.00	31.08 -0.57 0.00	34.27 -0.91 0.00	34.40 -0.81 0.00	36.15 -1.58 0.00	40.86 -2.06 0.00	46.95 -2.26 0.00	51.06 -1.47 0.00	50.34 -0.82 0.00	44.71 -0.36 0.00	38.95 -0.16 0.00	31.85 -0.06 0.00	28.97 0.32 0.00
COLONIE_LFGE___ 323577	31.71 0.77 0.00	28.09 0.74 0.00	26.27 0.71 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.06 0.74 0.00	31.40 0.85 0.00	33.97 1.05 0.00	33.26 1.21 -0.20	30.06 1.10 0.00	30.14 1.08 0.00	31.68 1.04 0.00	32.91 1.08 -0.18	36.67 1.34 -0.15	36.63 1.37 -0.04	39.30 1.55 -0.03	44.67 1.67 -0.07	51.44 2.22 -0.01	54.84 2.31 0.00	53.36 2.20 0.00	47.05 1.98 0.00	40.75 1.64 0.00	33.25 1.34 0.00	29.77 1.12 0.00
COOPERNY_115KV_TB1 80082	31.52 0.59 0.00	27.87 0.52 0.00	26.06 0.51 0.00	25.14 0.47 0.00	25.23 0.47 0.00	26.77 0.45 0.00	31.13 0.58 0.00	33.61 0.69 0.00	32.19 0.92 0.59	30.00 1.04 0.00	30.17 1.10 0.00	31.74 1.10 0.00	32.42 1.36 0.60	36.34 1.58 0.43	36.74 1.66 0.13	39.47 1.81 0.08	44.69 2.02 0.25	51.51 2.31 0.02	54.74 2.21 0.00	53.16 2.00 0.00	46.69 1.62 0.00	40.51 1.41 0.00	33.06 1.15 0.00	29.66 1.00 0.00
COPENHAGEN_WT_PWR 323753	32.20 1.27 0.00	28.47 1.12 0.00	26.47 0.92 0.00	25.51 0.84 0.00	25.57 0.82 0.00	27.30 0.97 0.00	31.68 1.13 0.00	34.10 1.18 0.00	32.71 0.86 0.00	29.53 0.58 0.00	29.47 0.41 0.00	30.94 0.31 0.00	31.88 0.22 0.00	35.47 0.28 0.00	35.36 0.14 0.00	37.92 0.19 0.00	43.18 0.26 0.00	49.95 0.74 0.00	54.16 1.63 0.00	53.21 2.05 0.00	47.10 2.03 0.00	40.79 1.68 0.00	33.06 1.15 0.00	29.75 1.09 0.00
CORNELL_____ 23752	31.21 0.28 0.00	27.54 0.19 0.00	25.68 0.13 0.00	24.75 0.07 0.00	24.80 0.05 0.00	26.51 0.18 0.00	30.70 0.15 0.00	33.02 0.10 0.00	31.88 0.03 0.00	29.01 0.06 0.00	29.10 0.03 0.00	30.73 0.09 0.00	31.65 0.00 0.00	35.19 0.00 0.00	35.21 0.00 0.00	37.77 0.04 0.00	43.10 0.17 0.00	49.71 0.49 0.00	53.48 0.95 0.00	52.24 1.07 0.00	46.06 0.99 0.00	39.89 0.78 0.00	32.52 0.61 0.00	29.17 0.52 0.00

CORONA V_69_KV_TB1 355595	32.74 1.79 -0.02	28.96 1.61 0.00	27.01 1.46 0.00	26.06 1.38 0.00	26.07 1.31 0.00	27.77 1.45 0.00	32.23 1.68 0.00	34.99 2.07 0.00	35.33 2.45 -1.03	35.92 2.46 -4.51	49.40 2.53 -17.81	50.54 2.48 -17.43	41.80 3.29 -6.86	42.71 3.69 -3.83	43.03 3.80 -4.01	43.94 4.07 -2.14	48.07 4.68 -0.47	54.53 5.27 -0.05	57.57 5.04 0.00	55.82 4.66 0.00	48.99 3.92 0.00	42.43 3.32 0.00	34.85 2.94 0.00	31.21 2.55 0.00
CORTLAND_115KV_TB3 80093	31.03 0.09 0.00	27.40 0.05 0.00	25.55 0.00 0.00	24.65 -0.02 0.00	24.71 -0.05 0.00	26.35 0.03 0.00	30.55 0.00 0.00	32.85 -0.07 0.00	31.79 -0.06 0.00	28.98 0.03 0.00	29.07 0.00 0.00	30.73 0.09 0.00	31.65 0.00 0.00	35.22 0.04 0.00	35.25 0.04 0.00	37.77 0.04 0.00	43.05 0.13 0.00	49.56 0.34 0.00	53.16 0.63 0.00	51.88 0.72 0.00	45.75 0.68 0.00	39.65 0.55 0.00	32.29 0.38 0.00	29.00 0.34 0.00
COXSACKIE__GT 23611	32.17 1.24 0.00	28.44 1.10 0.00	26.65 1.10 0.00	25.76 1.08 0.00	25.87 1.11 0.00	27.54 1.21 0.00	31.89 1.34 0.00	34.33 1.41 0.00	33.26 1.31 -0.10	29.91 0.95 0.00	29.79 0.73 0.00	31.31 0.67 0.00	32.48 0.73 -0.10	36.25 0.98 -0.08	36.29 1.06 -0.02	39.06 1.32 -0.01	44.68 1.72 -0.04	51.68 2.46 0.00	55.52 2.99 0.00	54.28 3.12 0.00	47.91 2.84 0.00	41.45 2.35 0.00	33.63 1.72 0.00	30.15 1.49 0.00
CPV_VALLEY__CC1 323721	31.49 0.56 0.00	27.84 0.49 0.00	26.06 0.51 0.00	25.14 0.47 0.00	25.22 0.47 0.00	26.77 0.45 0.00	31.12 0.58 0.00	33.61 0.69 0.00	31.97 0.99 0.87	30.08 1.13 0.00	30.29 1.22 0.00	31.83 1.19 0.00	32.23 1.46 0.88	36.27 1.72 0.64	36.82 1.79 0.19	39.58 1.96 0.11	44.74 2.19 0.37	51.64 2.46 0.03	54.79 2.26 0.00	53.21 2.05 0.00	46.74 1.67 0.00	40.51 1.41 0.00	33.12 1.21 0.00	29.63 0.97 0.00
CPV_VALLEY__CC2 323722	31.49 0.56 0.00	27.84 0.49 0.00	26.06 0.51 0.00	25.14 0.47 0.00	25.22 0.47 0.00	26.77 0.45 0.00	31.12 0.58 0.00	33.61 0.69 0.00	31.97 0.99 0.87	30.08 1.13 0.00	30.29 1.22 0.00	31.83 1.19 0.00	32.23 1.46 0.88	36.27 1.72 0.64	36.82 1.79 0.19	39.58 1.96 0.11	44.74 2.19 0.37	51.64 2.46 0.03	54.79 2.26 0.00	53.21 2.05 0.00	46.74 1.67 0.00	40.51 1.41 0.00	33.12 1.21 0.00	29.63 0.97 0.00
CRESCENT__HYD 24018	31.71 0.77 0.00	28.09 0.74 0.00	26.27 0.71 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.06 0.74 0.00	31.40 0.85 0.00	33.97 1.05 0.00	33.26 1.21 -0.20	30.06 1.10 0.00	30.14 1.08 0.00	31.68 1.04 0.00	32.91 1.08 -0.18	36.67 1.34 -0.15	36.63 1.37 -0.04	39.30 1.55 -0.03	44.67 1.67 -0.07	51.44 2.22 -0.01	54.84 2.31 0.00	53.36 2.20 0.00	47.05 1.98 0.00	40.75 1.64 0.00	33.25 1.34 0.00	29.77 1.12 0.00
CRICKET__VALLEY_CC1 323756	31.58 0.65 0.00	27.95 0.60 0.00	26.21 0.66 0.00	25.34 0.67 0.00	25.45 0.69 0.00	26.90 0.58 0.00	31.31 0.76 0.00	33.94 1.02 0.00	33.78 1.34 -0.59	30.32 1.36 0.00	30.49 1.42 0.00	32.04 1.41 0.00	33.66 1.71 -0.29	37.62 2.00 -0.43	37.45 2.11 -0.13	40.11 2.30 -0.07	45.53 2.49 -0.11	52.24 3.00 -0.02	55.26 2.73 0.00	53.62 2.46 0.00	47.10 2.03 0.00	40.87 1.76 0.00	33.41 1.50 0.00	29.83 1.18 0.00
CRICKET__VALLEY_CC2 323757	31.58 0.65 0.00	27.95 0.60 0.00	26.21 0.66 0.00	25.34 0.67 0.00	25.45 0.69 0.00	26.90 0.58 0.00	31.31 0.76 0.00	33.94 1.02 0.00	33.78 1.34 -0.59	30.32 1.36 0.00	30.49 1.42 0.00	32.04 1.41 0.00	33.66 1.71 -0.29	37.62 2.00 -0.43	37.45 2.11 -0.13	40.11 2.30 -0.07	45.53 2.49 -0.11	52.24 3.00 -0.02	55.26 2.73 0.00	53.62 2.46 0.00	47.10 2.03 0.00	40.87 1.76 0.00	33.41 1.50 0.00	29.83 1.18 0.00
CRICKET__VALLEY_CC3 323758	31.58 0.65 0.00	27.95 0.60 0.00	26.21 0.66 0.00	25.34 0.67 0.00	25.45 0.69 0.00	26.90 0.58 0.00	31.31 0.76 0.00	33.94 1.02 0.00	33.78 1.34 -0.59	30.32 1.36 0.00	30.49 1.42 0.00	32.04 1.41 0.00	33.66 1.71 -0.29	37.62 2.00 -0.43	37.45 2.11 -0.13	40.11 2.30 -0.07	45.53 2.49 -0.11	52.24 3.00 -0.02	55.26 2.73 0.00	53.62 2.46 0.00	47.10 2.03 0.00	40.87 1.76 0.00	33.41 1.50 0.00	29.83 1.18 0.00
CRUCIBLE_METL_DRP 24180	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.30 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.51 -0.12 0.00	31.40 -0.25 0.00	34.94 -0.25 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
DAHOWA__HYDRO 323763	32.14 1.21 0.00	28.44 1.10 0.00	26.57 1.02 0.00	25.69 1.01 0.00	25.77 1.02 0.00	27.43 1.11 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.56 1.53 -0.18	30.35 1.39 0.00	30.26 1.19 0.00	31.77 1.13 0.00	32.80 0.98 -0.16	36.55 1.23 -0.13	36.45 1.20 -0.04	39.15 1.40 -0.02	44.54 1.54 -0.07	51.34 2.11 -0.01	55.16 2.63 0.00	53.97 2.81 0.00	47.64 2.57 0.00	41.25 2.15 0.00	33.60 1.69 0.00	30.15 1.49 0.00
DANC__LFGE 323619	31.49 0.56 0.00	27.84 0.49 0.00	25.91 0.36 0.00	24.97 0.30 0.00	25.05 0.30 0.00	26.74 0.42 0.00	31.00 0.46 0.00	33.38 0.46 0.00	32.11 0.25 0.00	29.07 0.12 0.00	29.10 0.03 0.00	30.60 -0.03 0.00	31.53 -0.13 0.00	35.08 -0.11 0.00	35.00 -0.21 0.00	37.51 -0.23 0.00	42.71 -0.21 0.00	49.31 0.10 0.00	53.21 0.68 0.00	52.13 0.97 0.00	46.06 0.99 0.00	39.93 0.82 0.00	32.45 0.54 0.00	29.20 0.54 0.00
DANSKAMMER__1 23586	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.30 0.97 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.60 1.75 0.00	30.75 1.80 0.00	30.90 1.83 0.00	32.53 1.90 0.00	33.89 2.22 -0.02	37.79 2.60 0.00	37.93 2.71 0.00	40.68 2.94 0.00	46.28 3.35 -0.01	53.10 3.89 0.00	56.26 3.73 0.00	54.59 3.43 0.00	47.96 2.89 0.00	41.53 2.43 0.00	33.92 2.01 0.00	30.29 1.63 0.00
DANSKAMMER__2 23589	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.30 0.97 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.60 1.75 0.00	30.75 1.80 0.00	30.90 1.83 0.00	32.53 1.90 0.00	33.89 2.22 -0.02	37.79 2.60 0.00	37.93 2.71 0.00	40.68 2.94 0.00	46.28 3.35 -0.01	53.10 3.89 0.00	56.26 3.73 0.00	54.59 3.43 0.00	47.96 2.89 0.00	41.53 2.43 0.00	33.92 2.01 0.00	30.29 1.63 0.00
DANSKAMMER__3 23590	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.30 0.97 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.60 1.75 0.00	30.75 1.80 0.00	30.90 1.83 0.00	32.53 1.90 0.00	33.89 2.22 -0.02	37.79 2.60 0.00	37.93 2.71 0.00	40.68 2.94 0.00	46.28 3.35 -0.01	53.10 3.89 0.00	56.26 3.73 0.00	54.59 3.43 0.00	47.96 2.89 0.00	41.53 2.43 0.00	33.92 2.01 0.00	30.29 1.63 0.00

DANSKAMMER___4 23591	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.30 0.97 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.60 1.75 0.00	30.75 1.80 0.00	30.90 1.83 0.00	32.53 1.90 0.00	33.89 2.22 -0.02	37.79 2.60 0.00	37.93 2.71 0.00	40.68 2.94 0.00	46.28 3.35 -0.01	53.10 3.89 0.00	56.26 3.73 0.00	54.59 3.43 0.00	47.96 2.89 0.00	41.53 2.43 0.00	33.92 2.01 0.00	30.29 1.63 0.00
DANSKAMMER___DIESEL 23592	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.30 0.97 0.00	31.80 1.25 0.00	34.37 1.45 0.00	33.60 1.75 0.00	30.75 1.80 0.00	30.90 1.83 0.00	32.53 1.90 0.00	33.95 2.28 -0.02	37.79 2.60 0.00	37.93 2.71 0.00	40.67 2.94 0.00	46.28 3.35 -0.01	53.10 3.89 0.00	56.26 3.73 0.00	54.59 3.43 0.00	47.96 2.88 0.00	41.57 2.46 0.00	33.92 2.01 0.00	30.38 1.72 0.00
DARBY___SOLAR 323810	32.05 1.11 0.00	28.36 1.01 0.00	26.50 0.95 0.00	25.61 0.94 0.00	25.72 0.96 0.00	27.32 1.00 0.00	31.71 1.16 0.00	34.24 1.32 0.00	33.47 1.43 -0.18	30.23 1.27 0.00	30.17 1.10 0.00	31.68 1.04 0.00	32.74 0.92 -0.17	36.48 1.16 -0.14	36.42 1.16 -0.04	39.11 1.36 -0.02	44.50 1.50 -0.07	51.29 2.07 -0.01	55.05 2.52 0.00	53.82 2.66 0.00	47.50 2.43 0.00	41.14 2.03 0.00	33.50 1.59 0.00	30.06 1.40 0.00
DASHVILLE___HYD 23610	31.71 0.77 0.00	28.03 0.68 0.00	26.24 0.69 0.00	25.34 0.67 0.00	25.42 0.67 0.00	26.93 0.61 0.00	31.34 0.79 0.00	33.84 0.92 0.00	32.92 1.18 0.11	30.20 1.25 0.00	30.35 1.28 0.00	31.95 1.32 0.00	33.32 1.77 0.10	37.04 1.94 0.08	37.27 2.08 0.02	39.98 2.26 0.01	45.50 2.62 0.04	52.21 3.00 0.00	55.31 2.78 0.00	53.72 2.56 0.00	47.19 2.12 0.00	40.90 1.80 0.00	33.41 1.50 0.00	29.95 1.29 0.00
DELAWARE___LFGE 323621	31.46 0.53 0.00	27.81 0.46 0.00	25.99 0.43 0.00	25.07 0.39 0.00	25.15 0.40 0.00	26.75 0.42 0.00	31.00 0.46 0.00	33.45 0.53 0.00	32.33 0.61 0.12	29.59 0.64 0.00	29.74 0.67 0.00	31.34 0.70 0.00	32.29 0.76 0.13	36.01 0.91 0.09	36.14 0.95 0.03	38.77 1.06 0.02	44.07 1.20 0.05	50.69 1.48 0.00	54.21 1.68 0.00	52.80 1.64 0.00	46.51 1.44 0.00	40.32 1.21 0.00	32.84 0.93 0.00	29.46 0.80 0.00
DERFIELD_115KV_TB7 355931	30.93 0.00 0.00	27.37 0.03 0.00	25.58 0.03 0.00	24.70 0.02 0.00	24.75 0.00 0.00	26.32 0.00 0.00	30.55 0.00 0.00	32.92 0.00 0.00	31.92 0.06 0.00	29.04 0.09 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.75 0.09 0.00	35.33 0.14 0.00	35.36 0.14 0.00	37.88 0.15 0.00	43.10 0.17 0.00	49.46 0.25 0.00	52.79 0.26 0.00	51.42 0.26 0.00	45.30 0.23 0.00	39.30 0.20 0.00	32.04 0.13 0.00	28.77 0.11 0.00
DOGLEVILLE___HYD 23807	30.81 -0.12 0.00	27.26 -0.08 0.00	25.45 -0.10 0.00	24.57 -0.10 0.00	24.63 -0.12 0.00	26.22 -0.11 0.00	30.42 -0.12 0.00	32.82 -0.10 0.00	31.73 -0.13 0.00	28.81 -0.14 0.00	28.83 -0.23 0.00	30.33 -0.31 0.00	31.31 -0.35 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.28 -0.64 0.00	48.67 -0.54 0.00	52.06 -0.47 0.00	50.75 -0.41 0.00	44.80 -0.27 0.00	38.91 -0.20 0.00	31.65 -0.26 0.00	28.43 -0.23 0.00
DUNKIRK___115KV_TB_200 55889	30.72 -0.22 0.00	26.99 -0.36 0.00	25.17 -0.38 0.00	24.20 -0.47 0.00	24.28 -0.47 0.00	25.80 -0.53 0.00	29.23 -1.31 0.00	31.11 -1.81 0.00	29.97 -1.88 0.00	28.03 -0.93 0.00	28.34 -0.73 0.00	30.27 -0.37 0.00	30.55 -1.11 0.00	33.67 -1.51 0.00	33.81 -1.41 0.00	35.54 -2.19 0.00	40.22 -2.70 0.00	46.41 -2.81 0.00	50.48 -2.05 0.00	49.73 -1.43 0.00	44.26 -0.81 0.00	38.60 -0.51 0.00	31.59 -0.32 0.00	28.77 0.11 0.00
DUNKIRK___1 23563	30.72 -0.22 0.00	26.99 -0.36 0.00	25.17 -0.38 0.00	24.20 -0.47 0.00	24.28 -0.47 0.00	25.80 -0.53 0.00	29.23 -1.31 0.00	31.11 -1.81 0.00	29.97 -1.88 0.00	28.03 -0.93 0.00	28.34 -0.73 0.00	30.27 -0.37 0.00	30.55 -1.11 0.00	33.67 -1.51 0.00	33.81 -1.41 0.00	35.54 -2.19 0.00	40.22 -2.70 0.00	46.41 -2.81 0.00	50.48 -2.05 0.00	49.73 -1.43 0.00	44.26 -0.81 0.00	38.60 -0.51 0.00	31.59 -0.32 0.00	28.77 0.11 0.00
DUNKIRK___2 23564	30.72 -0.22 0.00	26.99 -0.36 0.00	25.17 -0.38 0.00	24.20 -0.47 0.00	24.28 -0.47 0.00	25.80 -0.53 0.00	29.23 -1.31 0.00	31.11 -1.81 0.00	29.97 -1.88 0.00	28.03 -0.93 0.00	28.34 -0.73 0.00	30.27 -0.37 0.00	30.55 -1.11 0.00	33.67 -1.51 0.00	33.81 -1.41 0.00	35.54 -2.19 0.00	40.22 -2.70 0.00	46.41 -2.81 0.00	50.48 -2.05 0.00	49.73 -1.43 0.00	44.26 -0.81 0.00	38.60 -0.51 0.00	31.59 -0.32 0.00	28.77 0.11 0.00
DUNKIRK___3 23565	30.59 -0.34 0.00	26.88 -0.46 0.00	25.07 -0.49 0.00	24.08 -0.59 0.00	24.16 -0.59 0.00	25.67 -0.66 0.00	29.11 -1.44 0.00	30.94 -1.98 0.00	29.85 -2.01 0.00	27.91 -1.04 0.00	28.19 -0.87 0.00	30.11 -0.52 0.00	30.42 -1.23 0.00	33.57 -1.62 0.00	33.67 -1.55 0.00	35.39 -2.34 0.00	40.09 -2.83 0.00	46.21 -3.00 0.00	50.22 -2.31 0.00	49.47 -1.69 0.00	43.99 -1.08 0.00	38.36 -0.74 0.00	31.40 -0.51 0.00	28.63 -0.03 0.00
DUNKIRK___4 23566	30.59 -0.34 0.00	26.88 -0.46 0.00	25.07 -0.49 0.00	24.08 -0.59 0.00	24.16 -0.59 0.00	25.67 -0.66 0.00	29.11 -1.44 0.00	30.94 -1.98 0.00	29.85 -2.01 0.00	27.91 -1.04 0.00	28.19 -0.87 0.00	30.11 -0.52 0.00	30.42 -1.23 0.00	33.57 -1.62 0.00	33.67 -1.55 0.00	35.39 -2.34 0.00	40.09 -2.83 0.00	46.21 -3.00 0.00	50.22 -2.31 0.00	49.47 -1.69 0.00	43.99 -1.08 0.00	38.36 -0.74 0.00	31.40 -0.51 0.00	28.63 -0.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.23 1.30 0.00	28.47 1.12 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.82 1.06 0.00	27.35 1.03 0.00	31.89 1.34 0.00	34.57 1.65 0.00	34.88 2.01 -1.02	31.10 2.14 0.00	31.33 2.27 0.00	32.96 2.33 0.00	35.51 2.79 -1.07	39.06 3.13 -0.74	39.86 3.27 -1.37	41.33 3.47 -0.13	47.24 3.86 -0.45	53.58 4.33 -0.04	56.52 3.99 0.00	54.79 3.63 0.00	48.05 2.97 0.00	41.69 2.58 0.00	34.14 2.23 0.00	30.55 1.89 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.86 0.93 0.00	28.17 0.82 0.00	26.37 0.82 0.00	25.44 0.76 0.00	25.55 0.79 0.00	27.09 0.76 0.00	31.52 0.98 0.00	34.07 1.15 0.00	32.88 1.43 0.40	30.49 1.53 0.00	30.67 1.60 0.00	32.26 1.62 0.00	33.25 1.99 0.40	37.14 2.25 0.30	37.49 2.36 0.09	40.25 2.57 0.05	45.68 2.92 0.17	52.55 3.35 0.01	55.68 3.15 0.00	54.08 2.92 0.00	47.46 2.39 0.00	41.18 2.07 0.00	33.60 1.69 0.00	30.12 1.46 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.51 1.58 0.00	28.71 1.37 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.43 1.11 0.00	31.92 1.37 0.00	34.66 1.74 0.00	34.91 2.04 -1.02	31.21 2.26 0.00	31.54 2.47 0.00	33.18 2.54 0.00	35.80 2.82 -1.33	39.16 3.10 -0.88	39.93 3.24 -1.47	41.34 3.40 -0.22	47.28 3.91 -0.45	53.34 4.08 -0.04	56.21 3.68 0.00	54.44 3.27 0.00	47.73 2.66 0.00	41.41 2.31 0.00	34.40 2.49 0.00	30.81 2.15 0.00

E179THST_13_KV_LOAD 356214	32.70 1.76 0.00	28.85 1.50 0.00	26.98 1.43 0.00	26.01 1.33 0.00	26.12 1.36 0.00	27.56 1.24 0.00	32.07 1.53 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.72 2.65 0.00	33.36 2.73 0.00	35.99 3.01 -1.33	39.37 3.31 -0.88	40.14 3.45 -1.47	41.57 3.62 -0.22	47.54 4.16 -0.45	53.68 4.43 -0.04	56.57 4.04 0.00	54.79 3.63 0.00	48.05 2.97 0.00	41.65 2.54 0.00	34.59 2.68 0.00	30.98 2.32 0.00
EAST HAMPTON___GT 23717	33.48 2.54 -0.01	29.59 2.24 0.00	27.60 2.04 0.00	26.70 2.02 0.00	26.66 1.91 0.00	28.59 2.26 0.00	32.99 2.44 0.00	36.01 3.09 0.00	36.73 3.85 -1.02	35.41 3.94 -2.51	43.24 4.24 -9.93	44.73 4.38 -9.72	43.57 5.06 -6.86	44.71 5.70 -3.83	44.82 5.60 -4.01	45.53 5.66 -2.14	49.49 6.09 -0.47	55.91 6.64 -0.06	58.79 6.25 -0.01	56.70 5.53 -0.01	49.40 4.33 0.00	43.10 3.99 -0.01	35.24 3.32 -0.01	31.62 2.95 -0.01
EAST RIVER___6 23660	32.39 1.45 0.00	28.61 1.26 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.92 1.16 0.00	27.46 1.13 0.00	32.07 1.53 0.00	34.89 1.98 0.00	35.23 2.36 -1.02	31.45 2.49 0.00	31.78 2.70 -0.01	33.40 2.76 -0.01	36.16 3.20 -1.31	39.70 3.66 -0.85	40.48 3.80 -1.46	41.97 4.04 -0.20	47.84 4.46 -0.45	54.17 4.92 -0.04	56.94 4.41 0.00	55.15 3.99 0.00	48.36 3.29 0.00	41.92 2.82 0.00	34.37 2.46 0.00	30.63 1.98 0.00
EAST RIVER___7 23524	32.39 1.45 0.00	28.61 1.26 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.92 1.16 0.00	27.46 1.13 0.00	32.07 1.53 0.00	34.89 1.98 0.00	35.23 2.36 -1.02	31.45 2.49 0.00	31.78 2.70 -0.01	33.40 2.76 -0.01	36.16 3.20 -1.31	39.70 3.66 -0.85	40.48 3.80 -1.46	41.97 4.04 -0.20	47.84 4.46 -0.45	54.17 4.92 -0.04	56.94 4.41 0.00	55.15 3.99 0.00	48.36 3.29 0.00	41.92 2.82 0.00	34.37 2.46 0.00	30.63 1.98 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.14 1.21 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.80 1.25 0.00	34.47 1.55 0.00	34.78 1.88 -1.05	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	35.40 2.63 -1.12	38.92 2.96 -0.78	39.69 3.10 -1.38	41.19 3.32 -0.14	47.04 3.65 -0.47	53.39 4.13 -0.04	56.31 3.78 0.00	54.59 3.43 0.00	47.87 2.79 0.00	41.57 2.46 0.00	34.02 2.11 0.00	30.46 1.81 0.00
EAST_HAMPTON___DIESEL 23722	33.48 2.54 -0.01	29.59 2.24 0.00	27.60 2.04 0.00	26.70 2.02 0.00	26.66 1.91 0.00	28.59 2.26 0.00	32.99 2.44 0.00	36.01 3.09 0.00	36.73 3.85 -1.02	35.41 3.94 -2.51	43.24 4.24 -9.93	44.73 4.38 -9.72	43.57 5.06 -6.86	44.71 5.70 -3.83	44.78 5.56 -4.01	45.49 5.62 -2.14	49.40 6.01 -0.47	55.77 6.50 -0.06	58.68 6.14 -0.01	56.54 5.37 -0.01	49.26 4.19 0.00	42.99 3.87 -0.01	35.17 3.26 -0.01	31.56 2.89 -0.01
EAST_POINT___SOLAR 323840	33.13 2.20 0.00	29.34 2.00 0.00	27.31 1.76 0.00	26.40 1.73 0.00	26.54 1.78 0.00	28.32 2.00 0.00	32.75 2.20 0.00	34.66 1.74 0.00	32.87 0.89 -0.13	29.27 0.32 0.00	29.07 0.00 0.00	30.48 -0.15 0.00	31.55 -0.22 -0.12	35.31 0.04 -0.09	35.35 0.11 -0.03	38.09 0.34 -0.02	43.36 0.39 -0.05	50.50 1.28 0.00	55.68 3.15 0.00	55.56 4.40 0.00	49.31 4.24 0.00	42.66 3.56 0.00	34.62 2.71 0.00	31.04 2.38 0.00
EAST_PULASKI___ESR 323781	30.81 -0.12 0.00	27.24 -0.11 0.00	25.40 -0.15 0.00	24.48 -0.20 0.00	24.56 -0.20 0.00	26.19 -0.13 0.00	30.36 -0.18 0.00	32.66 -0.26 0.00	31.53 -0.32 0.00	28.67 -0.29 0.00	28.75 -0.32 0.00	30.30 -0.34 0.00	31.24 -0.41 0.00	34.73 -0.46 0.00	34.72 -0.49 0.00	37.20 -0.53 0.00	42.28 -0.64 0.00	48.72 -0.49 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.16 0.09 0.00	39.10 0.00 0.00	31.88 -0.03 0.00	28.66 0.00 0.00
EAST_RIVER___1 323558	32.39 1.45 0.00	28.61 1.26 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.01 1.47 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.36 2.40 0.00	31.64 2.56 -0.01	33.28 2.63 -0.01	36.04 3.07 -1.31	39.55 3.52 -0.85	40.30 3.63 -1.46	41.78 3.85 -0.20	47.67 4.29 -0.45	53.98 4.73 -0.04	56.78 4.25 0.00	55.00 3.84 0.00	48.27 3.20 0.00	41.84 2.74 0.00	34.33 2.42 0.00	30.61 1.95 0.00
EAST_RIVER___2 323559	32.39 1.45 0.00	28.61 1.26 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.92 1.16 0.00	27.46 1.13 0.00	32.07 1.53 0.00	34.89 1.98 0.00	35.23 2.36 -1.02	31.45 2.49 0.00	31.78 2.70 -0.01	33.40 2.76 -0.01	36.16 3.20 -1.31	39.70 3.66 -0.85	40.48 3.80 -1.46	41.97 4.04 -0.20	47.84 4.46 -0.45	54.17 4.92 -0.04	56.94 4.41 0.00	55.15 3.99 0.00	48.36 3.29 0.00	41.92 2.82 0.00	34.37 2.46 0.00	30.63 1.98 0.00
EAST___DELAWARE_HYD 23607	31.83 0.90 0.00	28.11 0.76 0.00	26.27 0.71 0.00	25.36 0.69 0.00	25.45 0.69 0.00	27.01 0.68 0.00	31.43 0.89 0.00	33.94 1.02 0.00	32.79 1.28 0.34	30.29 1.33 0.00	30.43 1.37 0.00	32.04 1.41 0.00	33.00 1.68 0.33	36.94 2.00 0.25	37.25 2.11 0.07	40.03 2.34 0.04	45.53 2.75 0.14	52.40 3.20 0.01	55.73 3.20 0.00	54.13 2.97 0.00	47.55 2.48 0.00	41.14 2.03 0.00	33.54 1.63 0.00	29.98 1.32 0.00
EIGHT_POINT___WT_PWR 323820	31.00 0.06 0.00	27.21 -0.14 0.00	25.32 -0.23 0.00	24.33 -0.35 0.00	24.28 -0.47 0.00	25.96 -0.37 0.00	29.78 -0.76 0.00	31.77 -1.15 0.00	30.42 -1.43 0.00	27.97 -0.98 0.00	28.08 -0.99 0.00	29.84 -0.80 0.00	30.45 -1.20 0.00	33.46 -1.72 0.00	33.53 -1.69 0.00	35.66 -2.08 0.00	40.52 -2.40 0.00	46.80 -2.41 0.00	51.00 -1.53 0.00	50.49 -0.67 0.00	44.80 -0.27 0.00	39.03 -0.08 0.00	31.81 -0.10 0.00	29.00 0.35 0.00
ELBRIDGE_115KV_TB2 80188	30.56 -0.37 0.00	26.96 -0.38 0.00	25.17 -0.38 0.00	24.28 -0.39 0.00	24.33 -0.42 0.00	25.96 -0.37 0.00	30.03 -0.52 0.00	32.33 -0.59 0.00	31.28 -0.57 0.00	28.55 -0.41 0.00	28.69 -0.38 0.00	30.33 -0.31 0.00	31.21 -0.44 0.00	34.69 -0.49 0.00	34.72 -0.49 0.00	37.17 -0.57 0.00	42.32 -0.60 0.00	48.67 -0.54 0.00	52.16 -0.37 0.00	50.85 -0.31 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.69 -0.22 0.00	28.46 -0.20 0.00
ELEC_TRO_TEK 24086	32.53 1.58 -0.02	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.17 2.29 -1.03	35.69 2.29 -4.44	48.98 2.35 -17.56	50.12 2.30 -17.19	41.61 3.10 -6.86	42.46 3.45 -3.83	42.81 3.59 -4.01	43.68 3.81 -2.14	47.73 4.34 -0.47	54.14 4.87 -0.05	57.15 4.62 0.00	55.41 4.25 0.00	48.63 3.56 0.00	42.16 3.05 0.00	34.62 2.71 0.00	31.01 2.35 0.00
ELLENBURG_WT_PWR 323604	31.27 0.34 0.00	27.70 0.35 0.00	25.86 0.31 0.00	25.02 0.35 0.00	25.15 0.39 0.00	26.74 0.42 0.00	31.12 0.58 0.00	33.54 0.62 0.00	32.14 0.29 0.00	28.93 -0.03 0.00	28.95 -0.12 0.00	30.48 -0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.62 -0.60 0.00	37.09 -0.64 0.00	42.24 -0.69 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.49 -0.67 0.00	44.58 -0.49 0.00	38.64 -0.47 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.47 -0.46 0.00	26.72 -0.63 0.00	24.91 -0.64 0.00	23.96 -0.72 0.00	24.01 -0.74 0.00	25.48 -0.84 0.00	28.87 -1.68 0.00	30.65 -2.27 0.00	29.59 -2.26 0.00	27.68 -1.27 0.00	27.99 -1.08 0.00	29.90 -0.74 0.00	30.17 -1.49 0.00	33.32 -1.86 0.00	33.42 -1.80 0.00	35.17 -2.57 0.00	39.79 -3.13 0.00	45.82 -3.40 0.00	49.75 -2.78 0.00	48.91 -2.25 0.00	43.54 -1.53 0.00	38.01 -1.09 0.00	31.14 -0.77 0.00	28.40 -0.26 0.00
EMPIRE_CC_1 323656	31.18 0.25 0.00	27.65 0.30 0.00	25.98 0.43 0.00	25.12 0.44 0.00	25.20 0.45 0.00	26.69 0.37 0.00	30.94 0.40 0.00	33.44 0.53 0.00	32.85 0.73 -0.27	29.65 0.69 0.00	29.76 0.70 0.00	31.28 0.64 0.00	32.62 0.73 -0.24	36.30 0.91 -0.20	36.26 0.98 -0.06	38.90 1.13 -0.03	44.18 1.16 -0.10	50.75 1.53 -0.01	53.95 1.42 0.00	52.44 1.28 0.00	46.20 1.13 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.32 0.66 0.00
EMPIRE_CC_2 323658	31.18 0.25 0.00	27.65 0.30 0.00	25.98 0.43 0.00	25.12 0.44 0.00	25.20 0.45 0.00	26.69 0.37 0.00	30.94 0.40 0.00	33.44 0.53 0.00	32.85 0.73 -0.27	29.65 0.69 0.00	29.76 0.70 0.00	31.28 0.64 0.00	32.62 0.73 -0.24	36.30 0.91 -0.20	36.26 0.98 -0.06	38.90 1.13 -0.03	44.18 1.16 -0.10	50.75 1.53 -0.01	53.95 1.42 0.00	52.44 1.28 0.00	46.20 1.13 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.32 0.66 0.00
ENORWICH_115KV_TB1 80156	32.70 1.76 0.00	28.99 1.64 0.00	26.98 1.43 0.00	25.96 1.28 0.00	26.09 1.34 0.00	27.90 1.58 0.00	32.44 1.89 0.00	35.16 2.24 0.00	33.74 2.07 0.18	30.78 1.82 0.00	30.84 1.77 0.00	32.53 1.90 0.00	33.43 1.96 0.18	37.62 2.57 0.13	37.60 2.43 0.04	40.42 2.72 0.02	46.19 3.35 0.08	53.64 4.43 0.01	58.31 5.78 0.00	56.89 5.73 0.00	50.26 5.18 0.00	43.45 4.34 0.00	34.94 3.03 0.00	31.29 2.64 0.00
ERIE_ST__34_KV_TB1-2 80199	30.44 -0.49 0.00	26.69 -0.66 0.00	24.91 -0.64 0.00	23.93 -0.74 0.00	23.99 -0.77 0.00	25.48 -0.84 0.00	28.93 -1.62 0.00	30.75 -2.17 0.00	29.65 -2.20 0.00	27.77 -1.19 0.00	28.11 -0.96 0.00	30.05 -0.58 0.00	30.32 -1.33 0.00	33.50 -1.69 0.00	33.63 -1.58 0.00	35.39 -2.34 0.00	40.05 -2.88 0.00	46.16 -3.05 0.00	50.17 -2.36 0.00	49.32 -1.84 0.00	43.81 -1.26 0.00	38.21 -0.90 0.00	31.24 -0.67 0.00	28.49 -0.17 0.00
ERIE_WT_PWR 323693	30.53 -0.40 0.00	26.77 -0.58 0.00	24.99 -0.56 0.00	24.03 -0.64 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	29.08 -1.47 0.00	30.81 -2.11 0.00	29.69 -2.17 0.00	27.80 -1.16 0.00	28.05 -1.02 0.00	30.02 -0.61 0.00	30.55 -1.11 0.00	33.39 -1.79 0.00	33.53 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.01 0.00	45.97 -3.25 0.00	49.96 -2.57 0.00	49.22 -1.94 0.00	43.76 -1.31 0.00	38.24 -0.86 0.00	31.27 -0.64 0.00	28.89 0.23 0.00
ESPRGFLD_115KV_TB1 80157	32.48 1.55 0.00	28.71 1.37 0.00	26.75 1.20 0.00	25.81 1.13 0.00	25.92 1.16 0.00	27.61 1.29 0.00	32.04 1.50 0.00	34.43 1.51 0.00	33.13 1.27 0.00	30.03 1.07 0.00	30.03 0.96 0.00	31.58 0.95 0.00	32.63 0.98 0.01	36.42 1.23 0.00	36.45 1.23 0.00	39.17 1.43 0.00	44.59 1.67 0.00	51.58 2.36 0.00	55.68 3.15 0.00	54.59 3.43 0.00	48.23 3.16 0.00	41.76 2.66 0.00	33.89 1.98 0.00	30.38 1.72 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.15 0.22 0.00	27.48 0.14 0.00	25.65 0.10 0.00	24.72 0.05 0.00	24.78 0.02 0.00	26.48 0.16 0.00	30.67 0.12 0.00	32.99 0.07 0.00	31.85 0.00 0.00	28.98 0.03 0.00	29.07 0.00 0.00	30.73 0.09 0.00	31.62 -0.03 0.00	35.19 0.00 0.00	35.21 0.00 0.00	37.73 0.00 0.00	43.05 0.13 0.00	49.66 0.44 0.00	53.42 0.89 0.00	52.13 0.97 0.00	45.97 0.90 0.00	39.85 0.74 0.00	32.45 0.54 0.00	29.12 0.46 0.00
ETNA_____115KV_TB2 80207	31.15 0.22 0.00	27.48 0.14 0.00	25.65 0.10 0.00	24.72 0.05 0.00	24.78 0.02 0.00	26.48 0.16 0.00	30.67 0.12 0.00	32.99 0.07 0.00	31.85 0.00 0.00	28.98 0.03 0.00	29.07 0.00 0.00	30.73 0.09 0.00	31.62 -0.03 0.00	35.19 0.00 0.00	35.21 0.00 0.00	37.73 0.00 0.00	43.05 0.13 0.00	49.66 0.44 0.00	53.42 0.89 0.00	52.13 0.97 0.00	45.97 0.90 0.00	39.85 0.74 0.00	32.45 0.54 0.00	29.12 0.46 0.00
EUCLID___115KV_TB2 356179	30.41 -0.53 0.00	26.85 -0.49 0.00	25.07 -0.49 0.00	24.18 -0.49 0.00	24.23 -0.52 0.00	25.82 -0.50 0.00	29.90 -0.64 0.00	32.16 -0.76 0.00	31.15 -0.70 0.00	28.43 -0.52 0.00	28.57 -0.49 0.00	30.20 -0.43 0.00	31.12 -0.54 0.00	34.59 -0.60 0.00	34.62 -0.60 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.48 -0.74 0.00	51.90 -0.63 0.00	50.55 -0.61 0.00	44.58 -0.50 0.00	38.64 -0.47 0.00	31.53 -0.38 0.00	28.31 -0.34 0.00
E_CANADA_CAP_HY 24051	32.94 2.01 0.00	29.15 1.80 0.00	27.19 1.64 0.00	26.25 1.58 0.00	26.36 1.61 0.00	28.11 1.79 0.00	32.56 2.02 0.00	34.86 1.94 0.00	33.45 1.50 -0.10	30.06 1.10 0.00	29.91 0.84 0.00	31.40 0.77 0.00	32.48 0.73 -0.10	36.25 0.98 -0.08	36.26 1.02 -0.02	39.03 1.28 -0.01	44.42 1.46 -0.04	51.53 2.31 0.00	56.00 3.47 0.00	55.20 4.04 0.00	48.95 3.88 0.00	42.39 3.29 0.00	34.40 2.49 0.00	30.87 2.21 0.00
E_CANADA_MHWK_HY 24050	30.81 -0.12 0.00	27.27 -0.08 0.00	25.45 -0.10 0.00	24.58 -0.10 0.00	24.63 -0.12 0.00	26.22 -0.10 0.00	30.42 -0.12 0.00	32.82 -0.10 0.00	31.73 -0.13 0.00	28.81 -0.14 0.00	28.86 -0.20 0.00	30.33 -0.31 0.00	31.31 -0.35 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.28 -0.64 0.00	48.67 -0.54 0.00	52.06 -0.47 0.00	50.75 -0.41 0.00	44.80 -0.27 0.00	38.87 -0.23 0.00	31.69 -0.22 0.00	28.40 -0.26 0.00
E_FISHKILL___LBMP 23776	31.89 0.96 0.00	28.22 0.88 0.00	26.42 0.87 0.00	25.51 0.84 0.00	25.60 0.84 0.00	27.11 0.79 0.00	31.58 1.04 0.00	34.20 1.28 0.00	34.15 1.62 -0.67	30.66 1.71 0.00	30.87 1.80 0.00	32.47 1.84 0.00	34.59 2.22 -0.72	38.18 2.50 -0.49	39.15 2.64 -1.29	40.65 2.83 -0.09	46.36 3.13 -0.30	52.83 3.59 -0.02	55.84 3.31 0.00	54.13 2.97 0.00	47.51 2.43 0.00	41.26 2.15 0.00	33.73 1.82 0.00	30.21 1.55 0.00
FALCON___SEABRD_CC1 323796	31.61 0.68 0.00	28.03 0.68 0.00	26.16 0.61 0.00	25.31 0.64 0.00	25.45 0.69 0.00	27.06 0.74 0.00	31.52 0.98 0.00	33.97 1.05 0.00	32.52 0.67 0.00	29.27 0.32 0.00	29.30 0.23 0.00	30.88 0.24 0.00	31.75 0.10 0.00	35.19 0.00 0.00	35.00 -0.21 0.00	37.47 -0.26 0.00	42.71 -0.21 0.00	48.97 -0.24 0.00	52.37 -0.16 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.10 0.00 0.00	31.97 0.06 0.00	28.72 0.06 0.00
FALCON___SEABRD_CC2 323797	31.61 0.68 0.00	28.03 0.68 0.00	26.16 0.61 0.00	25.31 0.64 0.00	25.45 0.69 0.00	27.06 0.74 0.00	31.52 0.98 0.00	33.97 1.05 0.00	32.52 0.67 0.00	29.27 0.32 0.00	29.30 0.23 0.00	30.88 0.24 0.00	31.75 0.10 0.00	35.19 0.00 0.00	35.00 -0.21 0.00	37.47 -0.26 0.00	42.71 -0.21 0.00	48.97 -0.24 0.00	52.37 -0.16 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.10 0.00 0.00	31.97 0.06 0.00	28.72 0.06 0.00

FAR ROCKAWAY___4 23548	33.02 2.07 -0.01	29.21 1.86 0.00	27.21 1.66 0.00	26.25 1.58 0.00	26.24 1.49 0.00	27.98 1.66 0.00	32.47 1.92 0.00	35.26 2.34 0.00	35.62 2.74 -1.03	35.78 2.75 -4.07	48.00 2.85 -16.09	49.22 2.85 -15.74	42.18 3.67 -6.86	43.13 4.12 -3.83	43.48 4.26 -4.01	44.43 4.57 -2.14	48.63 5.24 -0.47	55.22 5.95 -0.05	58.26 5.73 0.00	56.53 5.37 0.00	49.58 4.51 0.00	42.90 3.79 0.00	35.20 3.29 0.00	31.50 2.84 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.01 1.47 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.33 2.37 0.00	31.61 2.53 -0.01	33.25 2.60 -0.01	36.08 3.10 -1.33	39.53 3.48 -0.86	40.31 3.63 -1.47	41.78 3.85 -0.20	47.63 4.25 -0.45	53.93 4.68 -0.04	56.78 4.25 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.34 2.43 0.00	30.72 2.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.92 1.16 0.00	27.43 1.11 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.33 2.37 0.00	31.61 2.53 -0.01	33.28 2.63 -0.01	36.08 3.10 -1.33	39.53 3.48 -0.86	40.31 3.63 -1.47	41.78 3.85 -0.20	47.63 4.25 -0.45	53.93 4.68 -0.04	56.78 4.25 0.00	55.05 3.89 0.00	48.27 3.20 0.00	41.88 2.78 0.00	34.34 2.43 0.00	30.72 2.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.36 1.42 0.00	28.58 1.23 0.00	26.73 1.18 0.00	25.78 1.11 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.10 2.23 -1.02	31.33 2.37 0.00	31.61 2.53 -0.01	33.25 2.60 -0.01	36.08 3.10 -1.33	39.49 3.45 -0.86	40.27 3.59 -1.47	41.74 3.81 -0.20	47.63 4.25 -0.45	53.93 4.68 -0.04	56.73 4.20 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.30 2.39 0.00	30.69 2.03 0.00
FARRAGUT___LBMP 323566	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.07 2.20 -1.02	31.30 2.35 0.00	31.58 2.50 -0.01	33.22 2.57 -0.01	36.02 3.04 -1.33	39.45 3.41 -0.86	40.24 3.56 -1.47	41.70 3.77 -0.20	47.54 4.16 -0.45	53.83 4.58 -0.04	56.68 4.15 0.00	54.95 3.79 0.00	48.18 3.11 0.00	41.80 2.70 0.00	34.27 2.36 0.00	30.69 2.03 0.00
FENNER___WINDPWR 24204	31.37 0.43 0.00	27.73 0.38 0.00	25.86 0.31 0.00	24.95 0.27 0.00	25.00 0.25 0.00	26.67 0.34 0.00	30.94 0.40 0.00	33.32 0.40 0.00	32.20 0.35 0.00	29.27 0.32 0.00	29.33 0.26 0.00	30.94 0.31 0.00	31.94 0.28 0.00	35.54 0.35 0.00	35.57 0.35 0.00	38.11 0.38 0.00	43.44 0.52 0.00	50.00 0.79 0.00	53.68 1.15 0.00	52.39 1.23 0.00	46.20 1.13 0.00	40.04 0.94 0.00	32.55 0.64 0.00	29.23 0.57 0.00
FIBERTEK___ENERGY 23856	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.30 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.51 -0.12 0.00	31.40 -0.25 0.00	34.94 -0.25 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
FITZPATRICK___ 23598	29.97 -0.96 0.00	26.50 -0.85 0.00	24.76 -0.79 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.71 -1.15 0.00	28.00 -0.95 0.00	28.14 -0.93 0.00	29.72 -0.92 0.00	30.67 -0.98 0.00	34.06 -1.13 0.00	34.09 -1.13 0.00	36.49 -1.24 0.00	41.51 -1.42 0.00	47.74 -1.48 0.00	51.06 -1.47 0.00	49.78 -1.38 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	31.02 -0.89 0.00	27.89 -0.77 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.17 1.24 0.00	28.41 1.07 0.00	26.60 1.05 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.35 1.03 0.00	31.86 1.31 0.00	34.43 1.51 0.00	33.83 1.82 -0.16	30.81 1.85 0.00	30.96 1.89 0.00	32.59 1.96 0.00	34.19 2.34 -0.19	37.98 2.67 -0.12	38.03 2.78 -0.04	40.81 3.06 -0.02	46.48 3.48 -0.08	53.21 3.99 -0.01	56.36 3.83 0.00	54.74 3.58 0.00	48.05 2.97 0.00	41.65 2.54 0.00	33.98 2.07 0.00	30.44 1.78 0.00
FORT ORANGE___ 23900	31.18 0.25 0.00	27.68 0.33 0.00	25.93 0.38 0.00	25.07 0.39 0.00	25.15 0.39 0.00	26.67 0.34 0.00	30.91 0.37 0.00	33.41 0.49 0.00	32.67 0.64 -0.18	29.53 0.58 0.00	29.59 0.52 0.00	31.06 0.43 0.00	32.33 0.50 -0.17	36.02 0.70 -0.13	35.99 0.74 -0.04	38.66 0.90 -0.02	43.94 0.94 -0.07	50.50 1.28 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.15 1.08 0.00	40.01 0.90 0.00	32.64 0.73 0.00	29.23 0.57 0.00
FORT_DRUM_COGEN 23780	32.36 1.42 0.00	28.63 1.29 0.00	26.60 1.05 0.00	25.61 0.94 0.00	25.70 0.94 0.00	27.43 1.11 0.00	31.83 1.28 0.00	34.30 1.38 0.00	32.87 1.02 0.00	29.65 0.69 0.00	29.59 0.52 0.00	31.00 0.37 0.00	31.91 0.25 0.00	35.57 0.39 0.00	35.43 0.21 0.00	38.00 0.26 0.00	43.27 0.34 0.00	50.10 0.89 0.00	54.32 1.79 0.00	53.46 2.30 0.00	47.28 2.21 0.00	40.94 1.84 0.00	33.19 1.28 0.00	29.83 1.17 0.00
FOX_HILLS___ESR 323835	32.67 1.73 0.00	28.80 1.45 0.00	26.93 1.38 0.00	25.96 1.28 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.73 2.65 -0.02	33.41 2.76 -0.02	35.74 2.75 -1.33	39.07 3.03 -0.86	39.89 3.20 -1.47	41.30 3.36 -0.21	47.37 3.99 -0.45	53.53 4.28 -0.04	56.52 3.99 0.00	54.79 3.63 0.00	48.05 2.97 0.00	41.57 2.46 0.00	34.65 2.74 0.00	30.98 2.32 0.00
FPL_FAR_ROCK_GT1 24212	33.02 2.07 -0.01	29.21 1.86 0.00	27.21 1.66 0.00	26.25 1.58 0.00	26.24 1.49 0.00	27.98 1.66 0.00	32.44 1.89 0.00	35.26 2.34 0.00	35.62 2.74 -1.03	35.78 2.75 -4.07	48.09 2.93 -16.09	49.32 2.94 -15.74	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.43 4.56 -2.14	48.63 5.23 -0.47	55.22 5.95 -0.05	58.26 5.73 -0.01	56.49 5.32 -0.01	49.58 4.51 0.00	42.90 3.79 -0.01	35.21 3.29 -0.01	31.45 2.78 -0.01
FPL_FAR_ROCK_GT2 23815	33.02 2.07 -0.01	29.21 1.86 0.00	27.21 1.66 0.00	26.25 1.58 0.00	26.24 1.49 0.00	27.98 1.66 0.00	32.44 1.89 0.00	35.26 2.34 0.00	35.62 2.74 -1.03	35.78 2.75 -4.07	48.09 2.93 -16.09	49.32 2.94 -15.74	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.43 4.56 -2.14	48.63 5.23 -0.47	55.22 5.95 -0.05	58.26 5.73 -0.01	56.49 5.32 -0.01	49.58 4.51 0.00	42.90 3.79 -0.01	35.21 3.29 -0.01	31.45 2.78 -0.01
FRANKLIN_FALL_HYD 24054	31.83 0.90 0.00	28.19 0.85 0.00	26.24 0.69 0.00	25.36 0.69 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.68 1.13 0.00	34.17 1.25 0.00	32.65 0.80 0.00	29.36 0.41 0.00	29.39 0.32 0.00	30.97 0.34 0.00	31.81 0.16 0.00	35.22 0.04 0.00	35.00 -0.21 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.20 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.13 0.22 0.00	28.92 0.26 0.00

FREEPORT_EQUS_GT1 23764	32.77 1.82 -0.01	28.96 1.61 0.00	26.98 1.43 0.00	26.03 1.36 0.00	26.04 1.29 0.00	27.74 1.42 0.00	32.19 1.65 0.00	35.00 2.08 0.00	35.36 2.49 -1.02	34.85 2.52 -3.38	45.09 2.67 -13.35	46.33 2.63 -13.07	41.86 3.35 -6.86	42.85 3.84 -3.83	43.20 3.98 -4.01	44.09 4.23 -2.14	48.24 4.85 -0.47	54.73 5.46 -0.05	57.79 5.25 -0.01	55.98 4.81 -0.01	49.08 4.01 0.00	42.59 3.48 -0.01	34.95 3.03 -0.01	31.19 2.52 -0.01
FREEPORT___CT2 23818	32.77 1.82 -0.01	28.96 1.61 0.00	26.98 1.43 0.00	26.03 1.36 0.00	26.04 1.29 0.00	27.74 1.42 0.00	32.19 1.65 0.00	35.00 2.08 0.00	35.36 2.49 -1.02	34.85 2.52 -3.38	45.09 2.67 -13.35	46.33 2.63 -13.07	41.86 3.35 -6.86	42.85 3.84 -3.83	43.20 3.98 -4.01	44.09 4.23 -2.14	48.24 4.85 -0.47	54.73 5.46 -0.05	57.79 5.25 -0.01	55.98 4.81 -0.01	49.08 4.01 0.00	42.59 3.48 -0.01	34.95 3.03 -0.01	31.19 2.52 -0.01
FRESHKLS_33_KV_LOAD 356253	32.76 1.83 0.00	28.88 1.53 0.00	27.01 1.46 0.00	26.03 1.36 0.00	26.14 1.39 0.00	27.59 1.26 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.13 2.26 -1.02	31.39 2.43 0.00	31.79 2.70 -0.02	33.50 2.85 -0.02	35.68 2.69 -1.33	39.00 2.96 -0.86	39.82 3.13 -1.47	41.26 3.32 -0.21	47.33 3.95 -0.45	53.48 4.23 -0.04	56.57 4.04 0.00	54.85 3.68 0.00	48.05 2.97 0.00	41.61 2.50 0.00	34.78 2.87 0.00	31.09 2.44 0.00
FULTON COGEN____ 23766	30.38 -0.56 0.00	26.83 -0.52 0.00	25.04 -0.51 0.00	24.16 -0.52 0.00	24.21 -0.54 0.00	25.82 -0.50 0.00	29.90 -0.64 0.00	32.20 -0.72 0.00	31.18 -0.67 0.00	28.43 -0.52 0.00	28.54 -0.52 0.00	30.17 -0.46 0.00	31.08 -0.57 0.00	34.55 -0.63 0.00	34.58 -0.63 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.48 -0.74 0.00	51.95 -0.58 0.00	50.60 -0.56 0.00	44.62 -0.45 0.00	38.67 -0.43 0.00	31.50 -0.41 0.00	28.29 -0.37 0.00
FULTON___LFGE 323630	32.85 1.92 0.00	29.07 1.72 0.00	27.11 1.56 0.00	26.20 1.53 0.00	26.32 1.56 0.00	28.06 1.74 0.00	32.50 1.96 0.00	34.83 1.91 0.00	33.45 1.47 -0.13	29.94 0.99 0.00	29.74 0.67 0.00	31.12 0.49 0.00	32.16 0.38 -0.12	35.92 0.63 -0.10	35.91 0.67 -0.03	38.73 0.98 -0.02	44.22 1.25 -0.05	51.44 2.22 0.00	55.89 3.36 0.00	55.15 3.99 0.00	48.77 3.70 0.00	42.23 3.13 0.00	34.30 2.39 0.00	30.75 2.09 0.00
G.F.CEMENT___DRP 24184	32.23 1.30 0.00	28.52 1.18 0.00	26.62 1.07 0.00	25.73 1.06 0.00	25.84 1.09 0.00	27.51 1.18 0.00	31.89 1.34 0.00	34.43 1.51 0.00	33.62 1.59 -0.18	30.43 1.48 0.00	30.26 1.19 0.00	31.74 1.10 0.00	32.77 0.95 -0.16	36.48 1.16 -0.13	36.38 1.13 -0.04	39.07 1.32 -0.02	44.45 1.46 -0.07	51.24 2.02 -0.01	55.26 2.73 0.00	54.13 2.97 0.00	47.82 2.75 0.00	41.37 2.27 0.00	33.67 1.76 0.00	30.23 1.58 0.00
GARDENVILLE___LBMP 24039	30.47 -0.46 0.00	26.75 -0.60 0.00	24.94 -0.61 0.00	23.98 -0.69 0.00	24.04 -0.72 0.00	25.51 -0.82 0.00	28.93 -1.62 0.00	30.71 -2.21 0.00	29.62 -2.23 0.00	27.71 -1.25 0.00	28.02 -1.05 0.00	29.93 -0.70 0.00	30.20 -1.46 0.00	33.32 -1.86 0.00	33.45 -1.76 0.00	35.20 -2.53 0.00	39.83 -3.09 0.00	45.92 -3.30 0.00	49.85 -2.68 0.00	49.01 -2.15 0.00	43.63 -1.44 0.00	38.09 -1.02 0.00	31.21 -0.70 0.00	28.46 -0.20 0.00
GARDNVLA_35_KV_LD 355827	30.59 -0.34 0.00	26.83 -0.52 0.00	25.01 -0.54 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.59 -0.74 0.00	29.02 -1.53 0.00	30.85 -2.07 0.00	29.75 -2.10 0.00	27.85 -1.10 0.00	28.17 -0.90 0.00	30.11 -0.52 0.00	30.36 -1.30 0.00	33.50 -1.69 0.00	33.63 -1.58 0.00	35.39 -2.34 0.00	40.05 -2.88 0.00	46.11 -3.10 0.00	50.11 -2.42 0.00	49.27 -1.89 0.00	43.86 -1.22 0.00	38.28 -0.82 0.00	31.34 -0.57 0.00	28.57 -0.09 0.00
GELCKHM___115KV_LOAD 80723	30.50 -0.43 0.00	26.94 -0.41 0.00	25.14 -0.41 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.93 -0.39 0.00	30.00 -0.55 0.00	32.29 -0.63 0.00	31.28 -0.57 0.00	28.55 -0.41 0.00	28.69 -0.38 0.00	30.33 -0.31 0.00	31.24 -0.41 0.00	34.73 -0.46 0.00	34.76 -0.46 0.00	37.17 -0.57 0.00	42.32 -0.60 0.00	48.67 -0.54 0.00	52.11 -0.42 0.00	50.80 -0.36 0.00	44.76 -0.32 0.00	38.79 -0.31 0.00	31.62 -0.29 0.00	28.40 -0.26 0.00
GENERAL___MILLS 23808	30.53 -0.40 0.00	26.77 -0.57 0.00	24.99 -0.56 0.00	24.01 -0.67 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	28.96 -1.59 0.00	30.78 -2.14 0.00	29.69 -2.17 0.00	27.77 -1.19 0.00	28.08 -0.99 0.00	30.02 -0.61 0.00	30.26 -1.39 0.00	33.43 -1.76 0.00	33.52 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.00 0.00	46.02 -3.20 0.00	49.96 -2.57 0.00	49.11 -2.05 0.00	43.72 -1.35 0.00	38.17 -0.94 0.00	31.27 -0.64 0.00	28.52 -0.14 0.00
GE_PLASTICS___DRP 24183	31.15 0.22 0.00	27.59 0.25 0.00	25.86 0.31 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.61 0.29 0.00	30.85 0.31 0.00	33.35 0.43 0.00	32.63 0.61 -0.18	29.53 0.58 0.00	29.62 0.55 0.00	31.15 0.52 0.00	32.46 0.63 -0.17	36.09 0.77 -0.13	36.10 0.85 -0.04	38.70 0.94 -0.02	43.98 0.99 -0.07	50.50 1.28 -0.01	53.74 1.21 0.00	52.29 1.13 0.00	46.02 0.95 0.00	39.93 0.82 0.00	32.58 0.67 0.00	29.23 0.57 0.00
GILBOA___1 23756	31.27 0.34 0.00	27.68 0.33 0.00	25.88 0.33 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.38 0.46 0.00	32.49 0.64 0.00	29.65 0.69 0.00	29.79 0.73 0.00	31.37 0.73 0.00	32.51 0.85 0.00	36.21 1.02 0.00	36.27 1.06 0.00	38.90 1.17 0.00	44.21 1.29 0.00	50.69 1.48 0.00	53.95 1.42 0.00	52.44 1.28 0.00	46.15 1.08 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.32 0.66 0.00
GILBOA___2 23757	31.27 0.34 0.00	27.68 0.33 0.00	25.88 0.33 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.38 0.46 0.00	32.49 0.64 0.00	29.65 0.69 0.00	29.79 0.73 0.00	31.37 0.73 0.00	32.51 0.85 0.00	36.21 1.02 0.00	36.27 1.06 0.00	38.90 1.17 0.00	44.21 1.29 0.00	50.69 1.48 0.00	53.95 1.42 0.00	52.44 1.28 0.00	46.15 1.08 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.32 0.66 0.00
GILBOA___3 23758	31.27 0.34 0.00	27.68 0.33 0.00	25.88 0.33 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.38 0.46 0.00	32.49 0.64 0.00	29.65 0.69 0.00	29.79 0.73 0.00	31.37 0.73 0.00	32.51 0.85 0.00	36.21 1.02 0.00	36.27 1.06 0.00	38.90 1.17 0.00	44.21 1.29 0.00	50.69 1.48 0.00	53.95 1.42 0.00	52.44 1.28 0.00	46.15 1.08 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.32 0.66 0.00
GILBOA___4 23759	31.27 0.34 0.00	27.68 0.33 0.00	25.88 0.33 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.38 0.46 0.00	32.49 0.64 0.00	29.65 0.69 0.00	29.79 0.73 0.00	31.37 0.73 0.00	32.51 0.85 0.00	36.21 1.02 0.00	36.27 1.06 0.00	38.90 1.17 0.00	44.21 1.29 0.00	50.69 1.48 0.00	53.95 1.42 0.00	52.44 1.28 0.00	46.15 1.08 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.32 0.66 0.00

GILBOA____ 23599	31.27 0.34 0.00	27.68 0.33 0.00	25.88 0.33 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.38 0.46 0.00	32.49 0.64 0.00	29.65 0.69 0.00	29.79 0.73 0.00	31.37 0.74 0.00	32.54 0.89 0.00	36.21 1.02 0.00	36.27 1.06 0.00	38.90 1.17 0.00	44.21 1.29 0.00	50.69 1.48 0.00	53.95 1.42 0.00	52.44 1.28 0.00	46.15 1.08 0.00	40.12 1.02 0.00	32.74 0.83 0.00	29.37 0.72 0.00
GINNA____ 23603	29.39 -1.55 0.00	25.84 -1.50 0.00	24.10 -1.46 0.00	23.19 -1.48 0.00	23.24 -1.51 0.00	24.77 -1.55 0.00	28.47 -2.08 0.00	30.52 -2.40 0.00	29.56 -2.29 0.00	27.19 -1.77 0.00	27.38 -1.69 0.00	29.19 -1.44 0.00	29.98 -1.68 0.00	33.04 -2.15 0.00	33.10 -2.11 0.00	35.20 -2.53 0.00	40.18 -2.75 0.00	46.31 -2.90 0.00	49.74 -2.79 0.00	48.60 -2.56 0.00	43.00 -2.07 0.00	37.35 -1.76 0.00	30.28 -1.63 0.00	27.48 -1.18 0.00
GLEN PARK____ 23778	32.51 1.58 0.00	28.77 1.42 0.00	26.73 1.18 0.00	25.73 1.06 0.00	25.82 1.06 0.00	27.56 1.24 0.00	31.98 1.44 0.00	34.43 1.52 0.00	33.00 1.15 0.00	29.74 0.78 0.00	29.68 0.61 0.00	31.09 0.46 0.00	32.04 0.38 0.00	35.68 0.49 0.00	35.50 0.28 0.00	38.11 0.38 0.00	43.44 0.52 0.00	50.35 1.13 0.00	54.63 2.10 0.00	53.82 2.66 0.00	47.64 2.57 0.00	41.25 2.15 0.00	33.41 1.50 0.00	30.03 1.38 0.00
GLENDALE_27_KV_LOAD 356172	32.64 1.70 0.00	28.82 1.48 0.00	26.96 1.41 0.00	26.01 1.33 0.00	26.12 1.36 0.00	27.59 1.26 0.00	32.16 1.62 0.00	34.96 2.04 0.00	35.26 2.39 -1.02	31.50 2.55 0.00	31.84 2.76 -0.02	33.53 2.88 -0.02	36.20 3.17 -1.38	39.55 3.48 -0.88	40.33 3.63 -1.49	41.76 3.81 -0.22	47.71 4.34 -0.45	53.83 4.58 -0.04	56.73 4.20 0.00	54.95 3.79 0.00	48.18 3.11 0.00	41.80 2.70 0.00	34.59 2.68 0.00	30.98 2.32 0.00
GLENWOOD_IC_1_G5 23712	32.56 1.61 -0.02	28.77 1.42 0.00	26.85 1.30 0.00	25.93 1.26 0.00	25.97 1.21 0.00	27.61 1.29 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.24 2.36 -1.03	35.71 2.40 -4.35	48.68 2.41 -17.20	49.92 2.45 -16.83	41.74 3.23 -6.86	42.64 3.62 -3.83	42.99 3.77 -4.01	43.90 4.04 -2.14	47.64 4.25 -0.47	54.04 4.77 -0.05	57.00 4.47 0.00	55.25 4.09 0.00	48.41 3.34 0.00	42.27 3.17 0.00	34.59 2.68 0.00	30.95 2.29 0.00
GLENWOOD_IC_2_G1 23688	32.36 1.42 0.00	28.61 1.26 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.87 1.11 0.00	27.46 1.13 0.00	31.95 1.41 0.00	34.66 1.74 0.00	35.00 2.13 -1.01	31.37 2.23 -0.19	32.16 2.35 -0.74	33.71 2.36 -0.72	41.42 2.91 -6.86	42.36 3.34 -3.83	42.71 3.49 -4.01	43.57 3.70 -2.14	47.51 4.12 -0.47	53.89 4.62 -0.05	56.85 4.31 -0.01	55.11 3.94 -0.01	48.36 3.29 0.00	41.97 2.85 -0.01	34.38 2.46 -0.01	30.67 2.01 -0.01
GLENWOOD_IC_3_G1 23689	32.36 1.42 0.00	28.61 1.26 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.87 1.11 0.00	27.46 1.13 0.00	31.95 1.41 0.00	34.66 1.74 0.00	35.00 2.13 -1.01	31.37 2.23 -0.19	32.16 2.35 -0.74	33.71 2.36 -0.72	41.42 2.91 -6.86	42.36 3.34 -3.83	42.71 3.49 -4.01	43.57 3.70 -2.14	47.51 4.12 -0.47	53.89 4.62 -0.05	56.85 4.31 -0.01	55.11 3.94 -0.01	48.36 3.29 0.00	41.97 2.85 -0.01	34.38 2.46 -0.01	30.67 2.01 -0.01
GLENWOOD____4 23550	32.56 1.61 -0.02	28.77 1.42 0.00	26.85 1.30 0.00	25.93 1.26 0.00	25.97 1.21 0.00	27.61 1.29 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.24 2.36 -1.03	35.71 2.40 -4.35	48.74 2.47 -17.20	49.95 2.48 -16.83	41.74 3.23 -6.86	42.64 3.62 -3.83	42.99 3.77 -4.01	43.90 4.04 -2.14	47.77 4.38 -0.47	54.14 4.87 -0.05	57.10 4.57 0.00	55.36 4.20 0.00	48.54 3.47 0.00	42.27 3.17 0.00	34.59 2.68 0.00	30.95 2.29 0.00
GLENWOOD____5 23614	32.56 1.61 -0.02	28.77 1.42 0.00	26.85 1.30 0.00	25.93 1.26 0.00	25.97 1.21 0.00	27.61 1.29 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.24 2.36 -1.03	35.71 2.40 -4.35	48.74 2.47 -17.20	49.95 2.48 -16.83	41.74 3.23 -6.86	42.64 3.62 -3.83	42.99 3.77 -4.01	43.90 4.04 -2.14	47.77 4.38 -0.47	54.14 4.87 -0.05	57.10 4.57 0.00	55.36 4.20 0.00	48.54 3.47 0.00	42.27 3.17 0.00	34.59 2.68 0.00	30.95 2.29 0.00
GLOBAL GREEN_PORT_GT1 23814	33.48 2.54 -0.01	29.56 2.21 0.00	27.55 1.99 0.00	26.62 1.95 0.00	26.59 1.83 0.00	28.51 2.18 0.00	32.90 2.35 0.00	35.92 3.00 0.00	36.63 3.76 -1.02	35.32 3.85 -2.51	43.13 4.13 -9.93	44.61 4.26 -9.72	43.48 4.97 -6.86	44.64 5.63 -3.83	44.82 5.60 -4.01	45.64 5.77 -2.14	49.66 6.27 -0.47	56.21 6.94 -0.06	59.21 6.67 -0.01	57.11 5.93 -0.01	49.76 4.69 0.00	43.38 4.26 -0.01	35.43 3.51 -0.01	31.70 3.04 -0.01
GLOBE____DSASP 323697	30.10 -0.84 0.00	26.36 -0.98 0.00	24.27 -1.28 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.14 -1.18 0.00	28.29 -2.26 0.00	29.66 -3.26 0.00	28.67 -3.19 0.00	26.87 -2.08 0.00	27.21 -1.86 0.00	29.07 -1.56 0.00	29.31 -2.34 0.00	32.37 -2.81 0.00	32.43 -2.78 0.00	34.07 -3.66 0.00	38.63 -4.29 0.00	44.39 -4.82 0.00	48.12 -4.41 0.00	47.27 -3.89 0.00	42.14 -2.93 0.00	36.88 -2.23 0.00	30.25 -1.66 0.00	27.63 -1.03 0.00
GOETHSLN____LBMP 323567	32.20 1.27 0.00	28.44 1.09 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.83 1.28 0.00	34.60 1.68 0.00	34.94 2.07 -1.02	31.18 2.23 0.00	31.46 2.38 -0.01	33.10 2.45 -0.01	35.99 3.01 -1.33	39.38 3.34 -0.86	40.17 3.49 -1.47	41.59 3.66 -0.20	47.41 4.03 -0.45	53.63 4.38 -0.04	56.42 3.89 0.00	54.64 3.48 0.00	47.91 2.84 0.00	41.61 2.50 0.00	34.14 2.23 0.00	30.55 1.89 0.00
GOLAH____69_KV_TB 1_2 80279	30.84 -0.09 0.00	27.07 -0.27 0.00	25.24 -0.31 0.00	24.28 -0.39 0.00	24.33 -0.42 0.00	25.90 -0.42 0.00	29.63 -0.92 0.00	31.67 -1.25 0.00	30.64 -1.21 0.00	28.32 -0.64 0.00	28.57 -0.49 0.00	30.45 -0.18 0.00	31.02 -0.63 0.00	34.38 -0.81 0.00	34.44 -0.77 0.00	36.49 -1.25 0.00	41.59 -1.33 0.00	47.89 -1.33 0.00	51.69 -0.84 0.00	50.65 -0.51 0.00	44.94 -0.14 0.00	39.07 -0.04 0.00	31.78 -0.13 0.00	28.77 0.11 0.00
GOODYEAR_LAKE_HYD 323669	31.83 0.90 0.00	28.14 0.79 0.00	26.27 0.72 0.00	25.34 0.67 0.00	25.42 0.67 0.00	27.06 0.74 0.00	31.40 0.86 0.00	33.84 0.92 0.00	32.74 0.89 0.00	29.82 0.87 0.00	29.94 0.87 0.00	31.52 0.89 0.00	32.64 0.98 0.00	36.38 1.20 0.00	36.41 1.20 0.00	39.05 1.32 0.00	44.47 1.55 0.00	51.18 1.97 0.00	54.89 2.36 0.00	53.57 2.40 0.00	47.19 2.12 0.00	40.90 1.80 0.00	33.25 1.34 0.00	29.80 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.90 -0.03 0.00	27.29 -0.05 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.27 -0.27 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.84 -0.12 0.00	29.01 -0.06 0.00	30.66 0.03 0.00	31.56 -0.09 0.00	35.05 -0.14 0.00	35.11 -0.11 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.54 0.43 0.00	32.23 0.32 0.00	28.97 0.32 0.00

GOUDEY___7 23579	30.90 -0.03 0.00	27.29 -0.05 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.27 -0.27 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.84 -0.12 0.00	29.01 -0.06 0.00	30.66 0.03 0.00	31.56 -0.09 0.00	35.05 -0.14 0.00	35.11 -0.11 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.54 0.43 0.00	32.23 0.32 0.00	28.97 0.32 0.00
GOUDEY___8 23580	30.90 -0.03 0.00	27.29 -0.05 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.27 -0.27 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.84 -0.12 0.00	29.01 -0.06 0.00	30.66 0.03 0.00	31.56 -0.09 0.00	35.05 -0.14 0.00	35.11 -0.11 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.54 0.43 0.00	32.23 0.32 0.00	28.97 0.32 0.00
GOWANUS_GT1_1 24077	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT1_2 24078	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT1_3 24079	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT1_4 24080	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT1_5 24084	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT1_6 24111	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50																	

GOWANUS_GT2_6 24119	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT2_7 24120	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT2_8 24121	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT3_1 24122	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT3_2 24123	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT3_3 24124	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT3_4 24125	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
GOWANUS_GT3_5 24126	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.0																			

GOWANUS_GT4_5 24134	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT4_6 24135	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT4_7 24136	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GOWANUS_GT4_8 24137	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GREATVRV_69_KV_BK1 356245	33.17 2.23 -0.01	29.26 1.91 0.00	27.24 1.69 0.00	26.30 1.63 0.00	26.26 1.51 0.00	28.09 1.76 0.00	32.53 1.99 0.00	35.42 2.50 0.00	35.93 3.06 -1.02	34.64 3.10 -2.58	42.39 3.11 -10.21	43.72 3.09 -9.99	42.59 4.08 -6.86	43.62 4.61 -3.83	43.94 4.72 -4.01	44.86 4.98 -2.15	49.07 5.67 -0.48	55.78 6.50 -0.07	58.95 6.41 -0.01	57.11 5.93 -0.01	49.90 4.82 0.00	43.41 4.30 0.00	35.61 3.70 0.00	31.78 3.12 0.00
GREENBSH_115KV_TB3 55895	31.03 0.09 0.00	27.51 0.16 0.00	25.81 0.26 0.00	24.95 0.27 0.00	25.03 0.27 0.00	26.51 0.18 0.00	30.76 0.21 0.00	33.28 0.36 0.00	32.58 0.54 -0.19	29.48 0.52 0.00	29.53 0.47 0.00	31.03 0.40 0.00	32.34 0.51 -0.18	35.96 0.63 -0.14	35.92 0.67 -0.04	38.55 0.79 -0.02	43.81 0.82 -0.07	50.30 1.08 -0.01	53.53 1.00 0.00	52.08 0.92 0.00	45.88 0.81 0.00	39.77 0.66 0.00	32.45 0.54 0.00	29.12 0.46 0.00
GREENDGE_115KV_TB5 80291	31.03 0.09 0.00	27.29 -0.05 0.00	25.42 -0.13 0.00	24.48 -0.20 0.00	24.51 -0.25 0.00	26.22 -0.11 0.00	30.21 -0.34 0.00	32.43 -0.49 0.00	31.28 -0.57 0.00	28.61 -0.35 0.00	28.75 -0.32 0.00	30.51 -0.12 0.00	31.21 -0.44 0.00	34.62 -0.56 0.00	34.65 -0.56 0.00	37.05 -0.68 0.00	42.02 -0.90 0.00	48.48 -0.74 0.00	52.37 -0.16 0.00	51.31 0.15 0.00	45.34 0.27 0.00	39.26 0.16 0.00	32.20 0.29 0.00	28.97 0.32 0.00
GREENIDGE___3 23582	31.03 0.09 0.00	27.29 -0.05 0.00	25.42 -0.13 0.00	24.48 -0.20 0.00	24.51 -0.25 0.00	26.22 -0.11 0.00	30.21 -0.34 0.00	32.43 -0.49 0.00	31.28 -0.57 0.00	28.61 -0.35 0.00	28.75 -0.32 0.00	30.51 -0.12 0.00	31.21 -0.44 0.00	34.62 -0.56 0.00	34.65 -0.56 0.00	37.05 -0.68 0.00	42.02 -0.90 0.00	48.48 -0.74 0.00	52.37 -0.16 0.00	51.31 0.15 0.00	45.34 0.27 0.00	39.26 0.16 0.00	32.20 0.29 0.00	28.97 0.32 0.00
GREENIDGE___4 23583	31.03 0.09 0.00	27.29 -0.05 0.00	25.42 -0.13 0.00	24.48 -0.20 0.00	24.51 -0.25 0.00	26.22 -0.10 0.00	30.27 -0.28 0.00	32.43 -0.49 0.00	31.28 -0.57 0.00	28.61 -0.35 0.00	28.75 -0.32 0.00	30.51 -0.12 0.00	31.34 -0.32 0.00	34.62 -0.56 0.00	34.65 -0.56 0.00	37.05 -0.68 0.00	42.02 -0.90 0.00	48.48 -0.74 0.00	52.37 -0.16 0.00	51.32 0.15 0.00	45.34 0.27 0.00	39.58 0.47 0.00	32.20 0.29 0.00	29.12 0.46 0.00
GREENLWN_69_KV_BK 3 55738	32.55 1.61 -0.01	28.77 1.42 0.00	26.80 1.25 0.00	25.86 1.18 0.00	25.87 1.11 0.00	27.59 1.26 0.00	32.01 1.47 0.00	34.80 1.88 0.00	35.23 2.36 -1.02	33.93 2.40 -2.57	41.64 2.41 -10.17	42.82 2.24 -9.95	41.71 3.20 -6.86	42.53 3.52 -3.83	42.89 3.66 -4.01	43.68 3.81 -2.13	47.68 4.29 -0.46	54.09 4.82 -0.05	57.05 4.52 0.00	55.25 4.09 0.00	48.41 3.34 0.00	42.23 3.13 0.00	34.78 2.87 0.00	31.12 2.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00
GRISSOM___SOLAR 323813	32.70 1.76 0.00	28.96 1.61 0.00	27.01 1.46 0.00	26.10 1.43 0.00	26.21 1.46 0.00	27.93 1.61 0.00	32.35 1.80 0.00	34.70 1.78 0.00	33.36 1.37 -0.14	29.85 0.90 0.00	29.62 0.55 0.00	30.97 0.34 0.00	32.00 0.22 -0.13	35.71 0.42 -0.10	35.74 0.49 -0.03	38.54 0.79 -0.02	44.09 1.11 -0.05	51.29 2.07 -0.01	55.68 3.15 0.00	54.89 3.73 0.00	48.54 3.47 0.00	42.00 2.89 0.00	34.14 2.23 0.00	30.63 1.98 0.00
GROVEVILLE___HYD 323602	32.17 1.24 0.00	28.41 1.07 0.00	26.60 1.05 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.35 1.03 0.00	31.86 1.31 0.00	34.43 1.51 0.00	33.83 1.82 -0.16	30.81 1.85 0.00	30.96 1.89 0.00	32.59 1.96 0.00	34.19 2.34 -0.19	37.98 2.67 -0.12	38.03 2.78 -0.04	40.81 3.06 -0.02	46.48 3.48 -0.08	53.21 3.99 -0.01	56.36 3.83 0.00	54.74 3.58 0.00	48.05 2.97 0.00	41.65 2.54 0.00	33.98 2.07 0.00	30.44 1.78 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.30 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.51 -0.12 0.00	31.40 -0.25 0.00	34.94 -0.25 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
HAMLTNNY_34_KV_TB 80303	30.81 -0.12 0.00	27.16 -0.19 0.00	25.35 -0.20 0.00	24.43 -0.25 0.00	24.48 -0.27 0.00	26.14 -0.18 0.00	30.24 -0.31 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.75 -0.20 0.00	28.89 -0.17 0.00	30.60 -0.03 0.00	31.46 -0.19 0.00	34.94 -0.25 0.00	34.97 -0.25 0.00	37.39 -0.34 0.00	42.62 -0.30 0.00	49.02 -0.20 0.00	52.58 0.05 0.00	51.31 0.15 0.00	45.25 0.18 0.00	39.22 0.12 0.00	31.94 0.03 0.00	28.69 0.03 0.00

HAMPSHIRE___PAPER_HYD 323593	31.89 0.96 0.00	28.22 0.87 0.00	26.16 0.61 0.00	25.26 0.59 0.00	25.47 0.72 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.91 0.99 0.00	32.46 0.60 0.00	29.24 0.29 0.00	29.24 0.18 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.94 -0.24 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	49.02 -0.20 0.00	52.79 0.26 0.00	51.67 0.51 0.00	45.66 0.58 0.00	39.65 0.55 0.00	32.36 0.45 0.00	29.23 0.57 0.00
HARDSCRABBLE_WT_PWR 323673	30.87 -0.06 0.00	27.32 -0.03 0.00	25.53 -0.03 0.00	24.62 -0.05 0.00	24.71 -0.05 0.00	26.27 -0.05 0.00	30.52 -0.03 0.00	32.89 -0.03 0.00	31.82 -0.03 0.00	28.87 -0.09 0.00	28.92 -0.14 0.00	30.42 -0.21 0.00	31.37 -0.29 0.00	34.87 -0.32 0.00	34.83 -0.39 0.00	37.28 -0.45 0.00	42.41 -0.51 0.00	48.77 -0.44 0.00	52.22 -0.31 0.00	50.86 -0.31 0.00	44.89 -0.18 0.00	38.95 -0.16 0.00	31.72 -0.19 0.00	28.46 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.95 1.02 0.00	28.25 0.90 0.00	26.45 0.89 0.00	25.51 0.84 0.00	25.60 0.84 0.00	27.17 0.84 0.00	31.62 1.07 0.00	34.17 1.25 0.00	32.20 1.56 1.22	30.63 1.68 0.00	30.81 1.74 0.00	32.44 1.81 0.00	32.57 2.15 1.23	36.76 2.46 0.89	37.56 2.61 0.26	40.41 2.83 0.15	45.62 3.22 0.52	52.81 3.64 0.04	56.00 3.47 0.00	54.33 3.17 0.00	47.69 2.61 0.00	41.33 2.23 0.00	33.76 1.85 0.00	30.23 1.58 0.00
HARSNRAD_115KV_TB1 81005	30.28 -0.65 0.00	26.53 -0.82 0.00	24.91 -0.64 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.62 -1.92 0.00	30.25 -2.67 0.00	29.24 -2.61 0.00	27.36 -1.59 0.00	27.70 -1.37 0.00	29.62 -1.01 0.00	29.85 -1.80 0.00	32.97 -2.22 0.00	33.07 -2.15 0.00	34.79 -2.94 0.00	39.49 -3.43 0.00	45.47 -3.74 0.00	49.33 -3.20 0.00	48.50 -2.66 0.00	43.22 -1.85 0.00	37.78 -1.33 0.00	30.92 -0.99 0.00	28.34 -0.32 0.00
HARZA MOOSE___RIVER 24016	31.80 0.87 0.00	28.11 0.77 0.00	26.19 0.64 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.98 0.66 0.00	31.34 0.79 0.00	33.78 0.86 0.00	32.52 0.67 0.00	29.42 0.46 0.00	29.42 0.35 0.00	30.82 0.18 0.00	31.81 0.16 0.00	35.43 0.25 0.00	35.39 0.18 0.00	37.96 0.23 0.00	43.22 0.30 0.00	49.85 0.64 0.00	53.69 1.16 0.00	52.49 1.33 0.00	46.33 1.26 0.00	40.16 1.06 0.00	32.61 0.70 0.00	29.40 0.75 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.50 -0.43 0.00	26.94 -0.41 0.00	25.14 -0.41 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.93 -0.39 0.00	30.00 -0.55 0.00	32.29 -0.63 0.00	31.31 -0.54 0.00	28.55 -0.41 0.00	28.69 -0.38 0.00	30.36 -0.28 0.00	31.24 -0.41 0.00	34.76 -0.42 0.00	34.79 -0.42 0.00	37.17 -0.57 0.00	42.32 -0.60 0.00	48.67 -0.54 0.00	52.11 -0.42 0.00	50.80 -0.36 0.00	44.76 -0.32 0.00	38.79 -0.31 0.00	31.65 -0.26 0.00	28.43 -0.23 0.00
HELLGATE_13_KV_LD 55870	32.64 1.70 0.00	28.82 1.48 0.00	26.96 1.41 0.00	26.03 1.36 0.00	26.12 1.36 0.00	27.59 1.26 0.00	32.16 1.62 0.00	34.93 2.01 0.00	35.23 2.36 -1.02	31.47 2.52 0.00	31.84 2.76 -0.02	33.50 2.85 -0.02	36.17 3.13 -1.38	39.51 3.45 -0.88	40.29 3.59 -1.49	41.72 3.77 -0.22	47.63 4.25 -0.45	53.78 4.53 -0.04	56.63 4.10 0.00	54.85 3.68 0.00	48.09 3.02 0.00	41.72 2.62 0.00	34.59 2.68 0.00	30.98 2.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.64 1.70 0.00	28.82 1.48 0.00	26.96 1.41 0.00	26.03 1.36 0.00	26.12 1.36 0.00	27.59 1.26 0.00	32.16 1.62 0.00	34.93 2.01 0.00	35.23 2.36 -1.02	31.47 2.52 0.00	31.84 2.76 -0.02	33.50 2.85 -0.02	36.17 3.13 -1.38	39.51 3.45 -0.88	40.29 3.59 -1.49	41.72 3.77 -0.22	47.63 4.25 -0.45	53.78 4.53 -0.04	56.63 4.10 0.00	54.85 3.68 0.00	48.09 3.02 0.00	41.72 2.62 0.00	34.59 2.68 0.00	30.98 2.32 0.00
HEMPSTEAD___ 23647	32.49 1.55 -0.01	28.71 1.37 0.00	26.78 1.23 0.00	25.86 1.18 0.00	25.87 1.11 0.00	27.56 1.24 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.14 2.26 -1.03	35.03 2.32 -3.75	46.31 2.41 -14.83	47.54 2.39 -14.52	41.58 3.07 -6.86	42.53 3.52 -3.83	42.89 3.66 -4.01	43.75 3.89 -2.14	47.77 4.38 -0.47	54.19 4.92 -0.05	57.16 4.62 -0.01	55.37 4.20 -0.01	48.59 3.52 0.00	42.17 3.05 -0.01	34.60 2.68 -0.01	30.87 2.21 -0.01
HICKLING___1 23621	30.87 -0.06 0.00	27.21 -0.14 0.00	25.35 -0.20 0.00	24.38 -0.30 0.00	24.43 -0.32 0.00	26.06 -0.26 0.00	30.00 -0.55 0.00	32.16 -0.76 0.00	31.02 -0.83 0.00	28.52 -0.43 0.00	28.69 -0.38 0.00	30.45 -0.18 0.00	31.12 -0.54 0.00	34.48 -0.70 0.00	34.55 -0.67 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.53 -0.69 0.00	52.42 -0.11 0.00	51.37 0.20 0.00	45.39 0.32 0.00	39.38 0.27 0.00	32.17 0.26 0.00	29.00 0.34 0.00
HICKLING___2 23622	30.87 -0.06 0.00	27.21 -0.14 0.00	25.35 -0.20 0.00	24.38 -0.30 0.00	24.43 -0.32 0.00	26.06 -0.26 0.00	30.00 -0.55 0.00	32.16 -0.76 0.00	31.02 -0.83 0.00	28.52 -0.43 0.00	28.69 -0.38 0.00	30.45 -0.18 0.00	31.12 -0.54 0.00	34.48 -0.70 0.00	34.55 -0.67 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.53 -0.69 0.00	52.42 -0.11 0.00	51.37 0.20 0.00	45.39 0.32 0.00	39.38 0.27 0.00	32.17 0.26 0.00	29.00 0.34 0.00
HIGH FALLS___HY 23754	32.11 1.18 0.00	28.33 0.98 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.25 0.92 0.00	31.71 1.16 0.00	34.24 1.32 0.00	33.28 1.59 0.17	30.61 1.65 0.00	30.78 1.71 0.00	32.41 1.78 0.00	33.68 2.18 0.16	37.56 2.50 0.12	37.82 2.64 0.04	40.58 2.87 0.02	46.25 3.39 0.07	53.10 3.89 0.01	56.31 3.78 0.00	54.69 3.53 0.00	48.00 2.93 0.00	41.57 2.46 0.00	33.89 1.98 0.00	30.32 1.66 0.00
HIGH_RIVER___SOLAR 323847	32.02 1.08 0.00	28.33 0.98 0.00	26.44 0.89 0.00	25.56 0.89 0.00	25.64 0.89 0.00	27.30 0.97 0.00	31.61 1.07 0.00	34.00 1.08 0.00	32.93 0.92 -0.15	29.56 0.61 0.00	29.42 0.35 0.00	30.88 0.24 0.00	32.02 0.22 -0.14	35.69 0.39 -0.11	35.67 0.42 -0.03	38.35 0.60 -0.02	43.84 0.86 -0.06	50.94 1.72 -0.01	54.79 2.26 0.00	53.67 2.51 0.00	47.32 2.25 0.00	41.02 1.92 0.00	33.41 1.50 0.00	29.98 1.32 0.00
HILLBURN___GT 23639	31.95 1.02 0.00	28.28 0.93 0.00	26.44 0.89 0.00	25.51 0.84 0.00	25.62 0.87 0.00	27.14 0.82 0.00	31.59 1.04 0.00	34.20 1.28 0.00	32.13 1.62 1.34	30.72 1.77 0.00	30.95 1.89 0.00	32.60 1.96 0.00	32.57 2.28 1.36	36.87 2.67 0.99	37.71 2.78 0.29	40.58 3.02 0.17	45.70 3.35 0.57	52.90 3.74 0.05	56.00 3.47 0.00	54.33 3.17 0.00	47.64 2.57 0.00	41.29 2.19 0.00	33.79 1.88 0.00	30.20 1.55 0.00
HILLSIDE_115KV_TB1 80332	30.47 -0.46 0.00	26.88 -0.46 0.00	25.04 -0.51 0.00	24.11 -0.57 0.00	24.16 -0.59 0.00	25.74 -0.58 0.00	29.63 -0.92 0.00	31.77 -1.15 0.00	30.67 -1.18 0.00	28.23 -0.72 0.00	28.40 -0.67 0.00	30.11 -0.52 0.00	30.86 -0.79 0.00	34.24 -0.95 0.00	34.26 -0.95 0.00	36.83 -0.91 0.00	41.89 -1.03 0.00	48.18 -1.03 0.00	51.90 -0.63 0.00	50.80 -0.36 0.00	44.85 -0.23 0.00	38.91 -0.20 0.00	31.78 -0.13 0.00	28.63 -0.03 0.00

HISHELDN_WT_PWR 323625	30.44 -0.50 0.00	26.72 -0.63 0.00	24.91 -0.64 0.00	23.96 -0.72 0.00	23.96 -0.79 0.00	25.48 -0.84 0.00	29.02 -1.53 0.00	30.88 -2.04 0.00	29.66 -2.20 0.00	27.62 -1.33 0.00	27.82 -1.25 0.00	29.72 -0.92 0.00	30.20 -1.46 0.00	33.04 -2.15 0.00	33.17 -2.04 0.00	35.05 -2.68 0.00	39.66 -3.26 0.00	45.72 -3.49 0.00	49.74 -2.79 0.00	49.17 -2.00 0.00	43.67 -1.40 0.00	38.17 -0.94 0.00	31.21 -0.70 0.00	28.77 0.12 0.00
HOLTSVILLE_IC_1 23690	32.67 1.73 -0.01	28.82 1.48 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.89 1.14 0.00	27.67 1.34 0.00	32.07 1.53 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.07 2.61 -2.51	41.66 2.67 -9.92	42.91 2.57 -9.71	41.86 3.35 -6.86	42.85 3.84 -3.83	43.17 3.94 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.72 4.55 -0.01	48.81 3.74 0.00	42.51 3.40 -0.01	35.01 3.09 -0.01	31.13 2.46 -0.01
HOLTSVILLE_IC_10 23699	32.83 1.89 -0.01	28.96 1.61 0.00	26.96 1.40 0.00	26.03 1.36 0.00	25.99 1.24 0.00	27.80 1.47 0.00	32.19 1.65 0.00	35.09 2.17 0.00	35.61 2.74 -1.02	34.26 2.78 -2.53	41.93 2.88 -9.99	43.23 2.82 -9.78	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.36 4.49 -2.14	48.46 5.06 -0.47	55.03 5.76 -0.06	58.17 5.62 -0.01	56.24 5.07 -0.01	49.22 4.14 0.00	42.87 3.75 -0.01	35.24 3.32 -0.01	31.30 2.63 -0.01
HOLTSVILLE_IC_2 23691	32.67 1.73 -0.01	28.82 1.48 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.89 1.14 0.00	27.67 1.34 0.00	32.07 1.53 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.07 2.61 -2.51	41.66 2.67 -9.92	42.91 2.57 -9.71	41.86 3.35 -6.86	42.85 3.84 -3.83	43.17 3.94 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.72 4.55 -0.01	48.81 3.74 0.00	42.51 3.40 -0.01	35.01 3.09 -0.01	31.13 2.46 -0.01
HOLTSVILLE_IC_3 23692	32.67 1.73 -0.01	28.82 1.48 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.89 1.14 0.00	27.67 1.34 0.00	32.07 1.53 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.07 2.61 -2.51	41.66 2.67 -9.92	42.91 2.57 -9.71	41.86 3.35 -6.86	42.85 3.84 -3.83	43.17 3.94 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.72 4.55 -0.01	48.81 3.74 0.00	42.51 3.40 -0.01	35.01 3.09 -0.01	31.13 2.46 -0.01
HOLTSVILLE_IC_4 23693	32.67 1.73 -0.01	28.82 1.48 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.89 1.14 0.00	27.67 1.34 0.00	32.07 1.53 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.07 2.61 -2.51	41.66 2.67 -9.92	42.91 2.57 -9.71	41.86 3.35 -6.86	42.85 3.84 -3.83	43.17 3.94 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.72 4.55 -0.01	48.81 3.74 0.00	42.51 3.40 -0.01	35.01 3.09 -0.01	31.13 2.46 -0.01
HOLTSVILLE_IC_5 23694	32.67 1.73 -0.01	28.82 1.48 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.89 1.14 0.00	27.67 1.34 0.00	32.07 1.53 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.07 2.61 -2.51	41.66 2.67 -9.92	42.91 2.57 -9.71	41.86 3.35 -6.86	42.85 3.84 -3.83	43.17 3.94 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.72 4.55 -0.01	48.81 3.74 0.00	42.51 3.40 -0.01	35.01 3.09 -0.01	31.13 2.46 -0.01
HOLTSVILLE_IC_6 23695	32.83 1.89 -0.01	28.96 1.61 0.00	26.96 1.40 0.00	26.03 1.36 0.00	25.99 1.24 0.00	27.80 1.47 0.00	32.19 1.65 0.00	35.09 2.17 0.00	35.61 2.74 -1.02	34.26 2.78 -2.53	41.93 2.88 -9.99	43.23 2.82 -9.78	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.36 4.49 -2.14	48.46 5.06 -0.47	55.03 5.76 -0.06	58.17 5.62 -0.01	56.24 5.07 -0.01	49.22 4.14 0.00	42.87 3.75 -0.01	35.24 3.32 -0.01	31.30 2.63 -0.01
HOLTSVILLE_IC_7 23696	32.83 1.89 -0.01	28.96 1.61 0.00	26.96 1.40 0.00	26.03 1.36 0.00	25.99 1.24 0.00	27.80 1.47 0.00	32.19 1.65 0.00	35.09 2.17 0.00	35.61 2.74 -1.02	34.26 2.78 -2.53	41.93 2.88 -9.99	43.23 2.82 -9.78	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.36 4.49 -2.14	48.46 5.06 -0.47	55.03 5.76 -0.06	58.17 5.62 -0.01	56.24 5.07 -0.01	49.22 4.14 0.00	42.87 3.75 -0.01	35.24 3.32 -0.01	31.30 2.63 -0.01
HOLTSVILLE_IC_8 23697	32.83 1.89 -0.01	28.96 1.61 0.00	26.96 1.40 0.00	26.03 1.36 0.00	25.99 1.24 0.00	27.80 1.47 0.00	32.19 1.65 0.00	35.09 2.17 0.00	35.61 2.74 -1.02	34.26 2.78 -2.53	41.93 2.88 -9.99	43.23 2.82 -9.78	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.36 4.49 -2.14	48.46 5.06 -0.47	55.03 5.76 -0.06	58.17 5.62 -0.01	56.24 5.07 -0.01	49.22 4.14 0.00	42.87 3.75 -0.01	35.24 3.32 -0.01	31.30 2.63 -0.01
HOLTSVILLE_IC_9 23698	32.83 1.89 -0.01	28.96 1.61 0.00	26.96 1.40 0.00	26.03 1.36 0.00	25.99 1.24 0.00	27.80 1.47 0.00	32.19 1.65 0.00	35.09 2.17 0.00	35.61 2.74 -1.02	34.26 2.78 -2.53	41.93 2.88 -9.99	43.23 2.82 -9.78	42.15 3.64 -6.86	43.17 4.15 -3.83	43.48 4.26 -4.01	44.36 4.49 -2.14	48.46 5.06 -0.47	55.03 5.76 -0.06	58.17 5.62 -0.01	56.24 5.07 -0.01	49.22 4.14 0.00	42.87 3.75 -0.01	35.24 3.32 -0.01	31.30 2.63 -0.01
HOMER_HL_115KV_TB2 355744	30.10 -0.84 0.00	26.50 -0.85 0.00	24.68 -0.87 0.00	23.69 -0.99 0.00	23.76 -0.99 0.00	25.27 -1.05 0.00	28.84 -1.71 0.00	30.62 -2.30 0.00	29.50 -2.36 0.00	27.59 -1.36 0.00	27.87 -1.19 0.00	29.75 -0.89 0.00	30.17 -1.49 0.00	33.29 -1.90 0.00	33.42 -1.80 0.00	35.13 -2.60 0.00	39.75 -3.18 0.00	45.72 -3.49 0.00	49.69 -2.84 0.00	49.01 -2.15 0.00	43.49 -1.58 0.00	37.81 -1.29 0.00	30.95 -0.96 0.00	28.20 -0.46 0.00
HOWARD_WT_PWR 323690	31.03 0.09 0.00	27.24 -0.11 0.00	25.32 -0.23 0.00	24.33 -0.35 0.00	24.31 -0.44 0.00	25.96 -0.37 0.00	29.78 -0.76 0.00	31.80 -1.12 0.00	30.42 -1.43 0.00	28.00 -0.95 0.00	28.08 -0.99 0.00	29.87 -0.76 0.00	30.45 -1.20 0.00	33.50 -1.69 0.00	33.56 -1.65 0.00	35.69 -2.04 0.00	40.52 -2.40 0.00	46.85 -2.36 0.00	51.06 -1.47 0.00	50.49 -0.67 0.00	44.80 -0.27 0.00	39.03 -0.08 0.00	31.85 -0.06 0.00	29.00 0.35 0.00
HQ_GEN_CEDARS 23644	31.77 0.84 0.00	28.11 0.77 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.45 0.69 0.00	27.06 0.74 0.00	31.46 0.92 0.00	33.91 0.99 0.00	32.49 0.64 0.00	29.27 0.32 0.00	29.33 0.26 0.00	30.88 0.25 0.00	31.78 0.13 0.00	35.22 0.04 0.00	35.07 -0.14 0.00	37.62 -0.11 0.00	42.88 -0.04 0.00	49.07 -0.15 0.00	52.48 -0.05 0.00	51.21 0.05 0.00	45.16 0.09 0.00	39.22 0.12 0.00	32.10 0.19 0.00	28.94 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	31.77 0.84 0.00	28.11 0.76 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.45 0.69 0.00	27.06 0.74 0.00	31.46 0.92 0.00	33.91 0.99 0.00	32.49 0.64 0.00	29.27 0.32 0.00	29.33 0.26 0.00	30.88 0.24 0.00	31.75 0.10 0.00	35.22 0.04 0.00	35.07 -0.14 0.00	37.62 -0.11 0.00	42.88 -0.04 0.00	49.07 -0.15 0.00	52.48 -0.05 0.00	51.21 0.05 0.00	45.16 0.09 0.00	39.22 0.12 0.00	32.10 0.19 0.00	28.92 0.26 0.00

HQ_GEN_IMPORT 323601	31.15 0.22 0.00	27.51 0.17 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.93 0.17 0.00	26.51 0.19 0.00	30.82 0.27 0.00	33.18 0.26 0.00	31.95 0.10 0.00	28.87 -0.09 0.00	28.95 -0.12 0.00	30.51 -0.12 0.00	31.50 -0.16 0.00	34.98 -0.21 0.00	34.93 -0.28 0.00	37.43 -0.30 0.00	42.63 -0.30 0.00	48.72 -0.49 0.00	52.00 -0.53 0.00	50.65 -0.51 0.00	44.67 -0.41 0.00	38.75 -0.35 0.00	31.65 -0.26 0.00	28.46 -0.20 0.00
HQ_GEN_WHEEL 23651	31.15 0.22 0.00	27.51 0.17 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.93 0.17 0.00	26.51 0.19 0.00	30.82 0.27 0.00	33.18 0.26 0.00	31.95 0.10 0.00	28.87 -0.09 0.00	28.95 -0.12 0.00	30.51 -0.12 0.00	31.50 -0.16 0.00	34.98 -0.21 0.00	34.93 -0.28 0.00	37.43 -0.30 0.00	42.63 -0.30 0.00	48.72 -0.49 0.00	52.00 -0.53 0.00	50.65 -0.51 0.00	44.67 -0.41 0.00	38.75 -0.35 0.00	31.65 -0.26 0.00	28.46 -0.20 0.00
HUDSON AVE_GT_3 23810	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.36 2.40 0.00	31.64 2.56 -0.01	33.28 2.63 -0.01	36.11 3.13 -1.33	39.53 3.48 -0.86	40.31 3.63 -1.47	41.78 3.85 -0.20	47.67 4.29 -0.45	53.98 4.72 -0.04	56.78 4.25 0.00	55.05 3.89 0.00	48.27 3.20 0.00	41.88 2.78 0.00	34.34 2.43 0.00	30.72 2.06 0.00
HUDSON AVE_GT_4 23540	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.36 2.40 0.00	31.64 2.56 -0.01	33.28 2.63 -0.01	36.11 3.13 -1.33	39.53 3.48 -0.86	40.31 3.63 -1.47	41.78 3.85 -0.20	47.67 4.29 -0.45	53.98 4.72 -0.04	56.78 4.25 0.00	55.05 3.89 0.00	48.27 3.20 0.00	41.88 2.78 0.00	34.34 2.43 0.00	30.72 2.06 0.00
HUDSON AVE_GT_5 23657	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.13 2.26 -1.02	31.36 2.40 0.00	31.64 2.56 -0.01	33.28 2.63 -0.01	36.11 3.13 -1.33	39.53 3.48 -0.86	40.31 3.63 -1.47	41.78 3.85 -0.20	47.67 4.29 -0.45	53.98 4.72 -0.04	56.78 4.25 0.00	55.05 3.89 0.00	48.27 3.20 0.00	41.88 2.78 0.00	34.34 2.43 0.00	30.72 2.06 0.00
HUDSON_AVE_10 24168	32.26 1.33 0.00	28.50 1.15 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.32 1.37 0.00	31.92 1.78 0.00	34.70 1.78 0.00	35.04 2.17 -1.02	31.27 2.32 0.00	31.55 2.47 -0.01	33.19 2.54 -0.01	36.02 3.04 -1.33	39.45 3.41 -0.86	40.20 3.52 -1.47	41.63 3.70 -0.20	47.50 4.12 -0.45	53.78 4.53 -0.04	56.57 4.04 0.00	54.85 3.68 0.00	48.09 3.02 0.00	41.69 2.58 0.00	34.24 2.33 0.00	30.64 1.98 0.00
HUDSON___115KV_TB 4 355613	31.61 0.68 0.00	28.03 0.68 0.00	26.24 0.69 0.00	25.36 0.69 0.00	25.45 0.69 0.00	27.03 0.71 0.00	31.34 0.79 0.00	33.81 0.89 0.00	32.92 0.92 -0.15	29.71 0.75 0.00	29.68 0.61 0.00	31.19 0.55 0.00	32.46 0.66 -0.14	36.14 0.84 -0.11	36.13 0.88 -0.03	38.84 1.09 -0.02	44.27 1.29 -0.06	50.99 1.77 -0.01	54.53 2.00 0.00	53.21 2.05 0.00	46.88 1.80 0.00	40.63 1.53 0.00	33.09 1.18 0.00	29.66 1.00 0.00
HUNTER MOUNT___DRP 323613	31.71 0.77 0.00	28.09 0.74 0.00	26.29 0.74 0.00	25.44 0.76 0.00	25.52 0.77 0.00	27.14 0.82 0.00	31.43 0.89 0.00	33.87 0.95 0.00	32.88 0.92 -0.10	29.68 0.72 0.00	29.62 0.55 0.00	31.12 0.49 0.00	32.38 0.63 -0.10	36.00 0.74 -0.08	36.05 0.81 -0.02	38.76 1.02 -0.01	44.21 1.24 -0.04	51.04 1.82 0.00	54.63 2.10 0.00	53.36 2.20 0.00	47.06 1.98 0.00	40.75 1.64 0.00	33.15 1.24 0.00	29.75 1.09 0.00
HUNTINGTON_RES_REC 323705	32.71 1.76 -0.01	28.88 1.53 0.00	26.88 1.33 0.00	25.93 1.26 0.00	25.92 1.16 0.00	27.69 1.37 0.00	32.10 1.56 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.10 2.61 -2.54	41.83 2.73 -10.03	43.08 2.63 -9.82	41.93 3.42 -6.86	42.89 3.87 -3.83	43.24 4.01 -4.01	44.09 4.23 -2.13	48.15 4.76 -0.46	54.68 5.41 -0.05	57.69 5.15 -0.01	55.82 4.66 -0.01	48.86 3.79 0.00	42.63 3.52 -0.01	35.05 3.13 -0.01	31.19 2.52 -0.01
HUNTLEY___63 23557	30.59 -0.34 0.00	26.80 -0.55 0.00	24.91 -0.64 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.56 -0.76 0.00	28.90 -1.65 0.00	30.55 -2.37 0.00	29.46 -2.39 0.00	27.62 -1.33 0.00	27.96 -1.10 0.00	29.90 -0.74 0.00	30.10 -1.55 0.00	33.25 -1.94 0.00	33.38 -1.83 0.00	35.09 -2.64 0.00	39.75 -3.18 0.00	45.82 -3.40 0.00	49.75 -2.78 0.00	48.81 -2.35 0.00	43.49 -1.58 0.00	38.01 -1.09 0.00	31.11 -0.80 0.00	28.43 -0.23 0.00
HUNTLEY___64 23558	30.59 -0.34 0.00	26.80 -0.55 0.00	24.91 -0.64 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.56 -0.76 0.00	28.90 -1.65 0.00	30.55 -2.37 0.00	29.46 -2.39 0.00	27.62 -1.33 0.00	27.96 -1.10 0.00	29.90 -0.74 0.00	30.10 -1.55 0.00	33.25 -1.94 0.00	33.38 -1.83 0.00	35.09 -2.64 0.00	39.75 -3.18 0.00	45.82 -3.40 0.00	49.75 -2.78 0.00	48.81 -2.35 0.00	43.49 -1.58 0.00	38.01 -1.09 0.00	31.11 -0.80 0.00	28.43 -0.23 0.00
HUNTLEY___65 23559	30.59 -0.34 0.00	26.80 -0.55 0.00	24.91 -0.64 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.56 -0.76 0.00	28.90 -1.65 0.00	30.55 -2.37 0.00	29.46 -2.39 0.00	27.62 -1.33 0.00	27.96 -1.10 0.00	29.90 -0.74 0.00	30.10 -1.55 0.00	33.25 -1.94 0.00	33.38 -1.83 0.00	35.09 -2.64 0.00	39.75 -3.18 0.00	45.82 -3.40 0.00	49.75 -2.78 0.00	48.81 -2.35 0.00	43.49 -1.58 0.00	38.01 -1.09 0.00	31.11 -0.80 0.00	28.43 -0.23 0.00
HUNTLEY___66 23560	30.59 -0.34 0.00	26.80 -0.55 0.00	24.91 -0.64 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.56 -0.76 0.00	28.90 -1.65 0.00	30.55 -2.37 0.00	29.46 -2.39 0.00	27.62 -1.33 0.00	27.96 -1.10 0.00	29.90 -0.74 0.00	30.10 -1.55 0.00	33.25 -1.94 0.00	33.38 -1.83 0.00	35.09 -2.64 0.00	39.75 -3.18 0.00	45.82 -3.40 0.00	49.75 -2.78 0.00	48.81 -2.35 0.00	43.49 -1.58 0.00	38.01 -1.09 0.00	31.11 -0.80 0.00	28.43 -0.23 0.00
HUNTLEY___67 23561	30.35 -0.59 0.00	26.58 -0.77 0.00	24.81 -0.74 0.00	23.86 -0.81 0.00	23.91 -0.84 0.00	25.35 -0.97 0.00	28.71 -1.83 0.00	30.45 -2.47 0.00	29.40 -2.45 0.00	27.51 -1.45 0.00	27.85 -1.22 0.00	29.75 -0.89 0.00	30.01 -1.65 0.00	33.11 -2.08 0.00	33.24 -1.97 0.00	34.94 -2.79 0.00	39.58 -3.35 0.00	45.52 -3.69 0.00	49.43 -3.10 0.00	48.55 -2.61 0.00	43.27 -1.80 0.00	37.78 -1.33 0.00	30.95 -0.96 0.00	28.26 -0.40 0.00
HUNTLEY___68 23562	30.35 -0.59 0.00	26.58 -0.77 0.00	24.81 -0.74 0.00	23.86 -0.81 0.00	23.91 -0.84 0.00	25.35 -0.97 0.00	28.71 -1.83 0.00	30.45 -2.47 0.00	29.40 -2.45 0.00	27.51 -1.45 0.00	27.85 -1.22 0.00	29.75 -0.89 0.00	30.01 -1.65 0.00	33.11 -2.08 0.00	33.24 -1.97 0.00	34.94 -2.79 0.00	39.58 -3.35 0.00	45.52 -3.69 0.00	49.43 -3.10 0.00	48.55 -2.61 0.00	43.27 -1.80 0.00	37.78 -1.33 0.00	30.95 -0.96 0.00	28.26 -0.40 0.00

HYLAND___LFGE 323620	32.14 1.21 0.00	28.22 0.87 0.00	26.27 0.71 0.00	25.22 0.54 0.00	25.25 0.49 0.00	27.06 0.74 0.00	31.00 0.46 0.00	32.89 -0.03 0.00	31.18 -0.67 0.00	28.46 -0.49 0.00	28.37 -0.70 0.00	30.14 -0.49 0.00	30.83 -0.82 0.00	33.95 -1.23 0.00	34.23 -0.99 0.00	36.49 -1.24 0.00	41.85 -1.07 0.00	48.67 -0.54 0.00	53.53 1.00 0.00	53.21 2.05 0.00	47.46 2.39 0.00	41.18 2.07 0.00	33.28 1.37 0.00	30.20 1.55 0.00
INDECK___CORINTH 23802	31.86 0.93 0.00	28.20 0.85 0.00	26.32 0.77 0.00	25.44 0.77 0.00	25.55 0.79 0.00	27.19 0.87 0.00	31.52 0.98 0.00	34.00 1.08 0.00	33.24 1.21 -0.18	30.08 1.13 0.00	29.88 0.81 0.00	31.37 0.73 0.00	32.32 0.50 -0.16	36.02 0.70 -0.13	35.89 0.63 -0.04	38.58 0.83 -0.02	43.89 0.90 -0.07	50.55 1.33 -0.01	54.58 2.05 0.00	53.47 2.30 0.00	47.19 2.12 0.00	40.87 1.76 0.00	33.25 1.34 0.00	29.86 1.20 0.00
INDECK___ILION 23567	30.93 0.00 0.00	27.37 0.03 0.00	25.58 0.03 0.00	24.67 0.00 0.00	24.75 0.00 0.00	26.32 0.00 0.00	30.55 0.00 0.00	32.95 0.03 0.00	31.88 0.03 0.00	28.98 0.03 0.00	29.07 0.00 0.00	30.60 -0.03 0.00	31.62 -0.03 0.00	35.15 -0.04 0.00	35.14 -0.07 0.00	37.66 -0.08 0.00	42.84 -0.09 0.00	49.21 0.00 0.00	52.58 0.05 0.00	51.26 0.10 0.00	45.21 0.14 0.00	39.18 0.08 0.00	31.94 0.03 0.00	28.66 0.00 0.00
INDECK___OLEAN 23982	30.10 -0.83 0.00	26.50 -0.85 0.00	24.68 -0.87 0.00	23.69 -0.99 0.00	23.76 -0.99 0.00	25.27 -1.05 0.00	28.90 -1.65 0.00	30.61 -2.31 0.00	29.53 -2.32 0.00	27.59 -1.36 0.00	27.85 -1.22 0.00	29.74 -0.89 0.00	30.36 -1.30 0.00	33.25 -1.94 0.00	33.42 -1.79 0.00	35.13 -2.60 0.00	39.75 -3.18 0.00	45.72 -3.49 0.00	49.69 -2.84 0.00	49.06 -2.10 0.00	43.49 -1.58 0.00	37.85 -1.25 0.00	30.95 -0.96 0.00	28.52 -0.14 0.00
INDECK___OSWEGO 23783	30.22 -0.71 0.00	26.72 -0.63 0.00	24.94 -0.61 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.72 -0.60 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.23 -0.72 0.00	28.37 -0.70 0.00	29.93 -0.70 0.00	30.89 -0.76 0.00	34.31 -0.88 0.00	34.34 -0.88 0.00	36.79 -0.94 0.00	41.85 -1.07 0.00	48.13 -1.08 0.00	51.59 -0.94 0.00	50.29 -0.87 0.00	44.35 -0.72 0.00	38.44 -0.67 0.00	31.30 -0.61 0.00	28.14 -0.52 0.00
INDECK___YERKES 23781	30.59 -0.34 0.00	26.80 -0.55 0.00	24.94 -0.61 0.00	24.08 -0.59 0.00	24.14 -0.62 0.00	25.59 -0.74 0.00	29.02 -1.53 0.00	30.55 -2.37 0.00	29.50 -2.36 0.00	27.65 -1.30 0.00	27.93 -1.13 0.00	29.93 -0.70 0.00	30.45 -1.20 0.00	33.25 -1.94 0.00	33.38 -1.83 0.00	35.13 -2.60 0.00	39.79 -3.13 0.00	45.87 -3.35 0.00	49.80 -2.73 0.00	48.96 -2.20 0.00	43.54 -1.53 0.00	38.09 -1.02 0.00	31.14 -0.77 0.00	28.86 0.20 0.00
INDIAN POINT_GT_1 24139	32.02 1.08 0.00	28.30 0.96 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.68 1.13 0.00	34.30 1.38 0.00	34.68 1.72 -1.11	30.81 1.85 0.00	31.04 1.98 0.00	32.66 2.02 0.00	35.27 2.44 -1.18	38.75 2.74 -0.82	39.49 2.89 -1.39	40.97 3.09 -0.14	46.85 3.43 -0.49	53.14 3.89 -0.04	56.10 3.57 0.00	54.38 3.22 0.00	47.73 2.66 0.00	41.41 2.31 0.00	33.89 1.98 0.00	30.32 1.66 0.00
INDIAN POINT_GT_2 23659	32.02 1.08 0.00	28.30 0.96 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.68 1.13 0.00	34.30 1.38 0.00	34.68 1.72 -1.11	30.81 1.85 0.00	31.04 1.98 0.00	32.66 2.02 0.00	35.27 2.44 -1.18	38.75 2.74 -0.82	39.49 2.89 -1.39	40.97 3.09 -0.14	46.85 3.43 -0.49	53.14 3.89 -0.04	56.10 3.57 0.00	54.38 3.22 0.00	47.73 2.66 0.00	41.41 2.31 0.00	33.89 1.98 0.00	30.32 1.66 0.00
INDIAN POINT_GT_3 24019	32.02 1.08 0.00	28.30 0.96 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.68 1.13 0.00	34.30 1.38 0.00	34.68 1.72 -1.11	30.81 1.85 0.00	31.04 1.98 0.00	32.66 2.02 0.00	35.27 2.44 -1.18	38.75 2.74 -0.82	39.49 2.89 -1.39	40.97 3.09 -0.14	46.85 3.43 -0.49	53.14 3.89 -0.04	56.10 3.57 0.00	54.38 3.22 0.00	47.73 2.66 0.00	41.41 2.31 0.00	33.89 1.98 0.00	30.32 1.66 0.00
INDIAN POINT___2 23530	31.95 1.02 0.00	28.28 0.93 0.00	26.44 0.89 0.00	25.54 0.86 0.00	25.62 0.87 0.00	27.14 0.82 0.00	31.59 1.04 0.00	34.24 1.32 0.00	34.88 1.66 -1.37	30.75 1.80 0.00	30.99 1.92 0.00	32.60 1.96 0.00	35.41 2.31 -1.45	38.87 2.67 -1.01	39.48 2.82 -1.45	40.93 3.02 -0.18	46.88 3.35 -0.61	53.00 3.74 -0.05	55.94 3.41 0.00	54.28 3.12 0.00	47.59 2.52 0.00	41.29 2.19 0.00	33.79 1.88 0.00	30.20 1.55 0.00
INDIAN POINT___3 23531	31.95 1.02 0.00	28.28 0.93 0.00	26.47 0.92 0.00	25.54 0.86 0.00	25.62 0.87 0.00	27.14 0.82 0.00	31.62 1.07 0.00	34.24 1.32 0.00	34.67 1.69 -1.13	30.78 1.82 0.00	30.99 1.92 0.00	32.59 1.96 0.00	35.22 2.37 -1.19	38.69 2.67 -0.83	39.43 2.82 -1.39	40.89 3.02 -0.14	46.78 3.35 -0.50	53.00 3.74 -0.04	56.00 3.47 0.00	54.28 3.12 0.00	47.64 2.57 0.00	41.33 2.23 0.00	33.82 1.91 0.00	30.29 1.63 0.00
INGHAM_C_115KV_TB7 356103	30.81 -0.12 0.00	27.26 -0.08 0.00	25.45 -0.10 0.00	24.57 -0.10 0.00	24.63 -0.12 0.00	26.22 -0.11 0.00	30.42 -0.12 0.00	32.82 -0.10 0.00	31.73 -0.13 0.00	28.81 -0.14 0.00	28.83 -0.23 0.00	30.33 -0.31 0.00	31.31 -0.35 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.28 -0.64 0.00	48.67 -0.54 0.00	52.06 -0.47 0.00	50.75 -0.41 0.00	44.80 -0.27 0.00	38.91 -0.20 0.00	31.65 -0.26 0.00	28.43 -0.23 0.00
IP CORINTH___1 23988	32.02 1.08 0.00	28.36 1.01 0.00	26.45 0.89 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.32 1.00 0.00	31.68 1.13 0.00	34.20 1.28 0.00	33.40 1.37 -0.18	30.23 1.27 0.00	30.03 0.96 0.00	31.52 0.89 0.00	32.54 0.73 -0.16	36.20 0.88 -0.13	36.06 0.81 -0.04	38.77 1.02 -0.02	44.11 1.12 -0.07	50.85 1.62 -0.01	54.89 2.36 0.00	53.72 2.56 0.00	47.46 2.39 0.00	41.10 1.99 0.00	33.44 1.53 0.00	30.03 1.38 0.00
IP___TICONDEROGA 23804	33.28 2.35 0.00	29.48 2.13 0.00	27.44 1.89 0.00	26.55 1.88 0.00	26.66 1.91 0.00	28.46 2.13 0.00	32.90 2.35 0.00	35.49 2.57 0.00	34.55 2.52 -0.18	31.27 2.32 0.00	31.01 1.95 0.00	32.50 1.87 0.00	33.33 1.52 -0.16	37.25 1.94 -0.13	37.05 1.80 -0.04	39.83 2.08 -0.02	45.27 2.27 -0.07	52.32 3.10 -0.01	56.78 4.25 0.00	55.92 4.76 0.00	49.49 4.42 0.00	42.82 3.71 0.00	34.72 2.81 0.00	31.21 2.55 0.00
ISLIP_RES_REC 323679	32.98 2.04 -0.01	29.10 1.75 0.00	27.08 1.53 0.00	26.13 1.46 0.00	26.09 1.34 0.00	27.90 1.58 0.00	32.35 1.80 0.00	35.26 2.34 0.00	35.80 2.93 -1.02	34.48 2.98 -2.54	42.18 3.08 -10.04	43.52 3.06 -9.82	42.40 3.89 -6.86	43.48 4.47 -3.83	43.80 4.58 -4.01	44.71 4.83 -2.14	48.85 5.45 -0.47	55.48 6.20 -0.06	58.58 6.04 -0.02	56.65 5.48 -0.02	49.58 4.51 0.00	43.14 4.03 -0.01	35.43 3.51 -0.01	31.48 2.81 -0.01

JAMAICA__27_KV_LOAD 355505	32.33 1.39 0.00	28.55 1.20 0.00	26.65 1.10 0.00	25.71 1.04 0.00	25.82 1.06 0.00	27.35 1.03 0.00	32.01 1.47 0.00	34.86 1.94 0.00	35.23 2.36 -1.02	31.42 2.46 0.00	31.70 2.62 -0.01	33.34 2.70 -0.01	36.24 3.26 -1.33	39.74 3.69 -0.86	40.38 3.70 -1.47	41.74 3.81 -0.20	47.58 4.21 -0.45	53.88 4.63 -0.04	56.68 4.15 0.00	54.95 3.79 0.00	48.14 3.06 0.00	41.69 2.58 0.00	34.37 2.46 0.00	30.72 2.06 0.00
JANIS__SOLAR 323808	31.40 0.46 0.00	27.68 0.33 0.00	25.81 0.26 0.00	24.87 0.20 0.00	24.95 0.20 0.00	26.69 0.37 0.00	30.91 0.37 0.00	33.18 0.26 0.00	31.85 0.00 0.00	28.78 -0.17 0.00	28.72 -0.35 0.00	30.30 -0.34 0.00	31.24 -0.41 0.00	34.73 -0.46 0.00	34.79 -0.42 0.00	37.39 -0.34 0.00	42.80 -0.13 0.00	49.66 0.44 0.00	53.74 1.21 0.00	52.65 1.48 0.00	46.42 1.35 0.00	40.24 1.13 0.00	32.71 0.80 0.00	29.40 0.74 0.00
JARVIS____ 23743	30.93 0.00 0.00	27.37 0.03 0.00	25.58 0.03 0.00	24.70 0.02 0.00	24.75 0.00 0.00	26.32 0.00 0.00	30.55 0.00 0.00	32.92 0.00 0.00	31.92 0.06 0.00	29.04 0.09 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.75 0.10 0.00	35.33 0.14 0.00	35.36 0.14 0.00	37.88 0.15 0.00	43.10 0.17 0.00	49.46 0.25 0.00	52.79 0.26 0.00	51.42 0.26 0.00	45.30 0.23 0.00	39.30 0.20 0.00	32.04 0.13 0.00	28.77 0.12 0.00
JENNISON____1 23625	32.02 1.08 0.00	28.33 0.98 0.00	26.39 0.84 0.00	25.44 0.76 0.00	25.52 0.77 0.00	27.22 0.90 0.00	31.58 1.04 0.00	34.10 1.19 0.00	32.82 1.15 0.18	30.06 1.10 0.00	30.14 1.08 0.00	31.80 1.16 0.00	32.67 1.20 0.18	36.57 1.51 0.13	36.65 1.48 0.04	39.37 1.66 0.02	44.86 2.02 0.08	51.87 2.66 0.01	55.89 3.36 0.00	54.49 3.33 0.00	48.05 2.97 0.00	41.61 2.50 0.00	33.70 1.79 0.00	30.21 1.55 0.00
JENNISON____2 23626	32.02 1.08 0.00	28.33 0.98 0.00	26.39 0.84 0.00	25.44 0.76 0.00	25.52 0.77 0.00	27.22 0.90 0.00	31.58 1.04 0.00	34.10 1.19 0.00	32.82 1.15 0.18	30.06 1.10 0.00	30.14 1.08 0.00	31.80 1.16 0.00	32.67 1.20 0.18	36.57 1.51 0.13	36.65 1.48 0.04	39.37 1.66 0.02	44.86 2.02 0.08	51.87 2.66 0.01	55.89 3.36 0.00	54.49 3.33 0.00	48.05 2.97 0.00	41.61 2.50 0.00	33.70 1.79 0.00	30.21 1.55 0.00
JERICOHO_RISE_WT_PWR 323719	31.24 0.31 0.00	27.68 0.33 0.00	25.83 0.28 0.00	24.99 0.32 0.00	25.13 0.37 0.00	26.74 0.42 0.00	31.12 0.58 0.00	33.54 0.62 0.00	32.11 0.25 0.00	28.90 -0.06 0.00	28.92 -0.14 0.00	30.45 -0.18 0.00	31.34 -0.32 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.23 -0.98 0.00	51.59 -0.94 0.00	50.40 -0.77 0.00	44.44 -0.63 0.00	38.56 -0.55 0.00	31.53 -0.38 0.00	28.34 -0.31 0.00
KATONAH__115KV_46KV_TB4 355592	32.17 1.24 0.00	28.44 1.09 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.32 1.00 0.00	31.86 1.31 0.00	34.50 1.58 0.00	34.55 1.91 -0.78	30.98 2.03 0.00	31.25 2.18 0.00	32.87 2.24 0.00	35.15 2.66 -0.83	38.79 3.03 -0.57	39.63 3.10 -1.32	41.19 3.36 -0.10	47.01 3.73 -0.35	53.48 4.23 -0.03	56.52 3.99 0.00	54.74 3.58 0.00	48.05 2.97 0.00	41.69 2.58 0.00	34.08 2.17 0.00	30.46 1.81 0.00
KCE_NY_1 323755	32.11 1.18 0.00	28.44 1.10 0.00	26.57 1.02 0.00	25.69 1.01 0.00	25.77 1.02 0.00	27.40 1.08 0.00	31.77 1.22 0.00	34.30 1.38 0.00	33.53 1.50 -0.18	30.32 1.36 0.00	30.29 1.22 0.00	31.83 1.19 0.00	32.92 1.11 -0.16	36.73 1.41 -0.13	36.63 1.37 -0.04	39.34 1.58 -0.02	44.75 1.76 -0.07	51.54 2.31 -0.01	55.21 2.68 0.00	53.92 2.76 0.00	47.55 2.48 0.00	41.22 2.11 0.00	33.57 1.66 0.00	30.12 1.46 0.00
KCE_NY_6_ESR 323823	30.53 -0.40 0.00	26.77 -0.58 0.00	24.99 -0.56 0.00	24.03 -0.64 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	29.08 -1.47 0.00	30.81 -2.11 0.00	29.69 -2.17 0.00	27.80 -1.16 0.00	28.05 -1.02 0.00	30.02 -0.61 0.00	30.55 -1.11 0.00	33.39 -1.79 0.00	33.53 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.01 0.00	45.97 -3.25 0.00	49.96 -2.57 0.00	49.22 -1.94 0.00	43.76 -1.31 0.00	38.24 -0.86 0.00	31.27 -0.64 0.00	28.89 0.23 0.00
KEDC_PORT_JEFF_GT2 24210	32.80 1.86 -0.01	28.93 1.59 0.00	26.93 1.38 0.00	26.01 1.33 0.00	25.97 1.21 0.00	27.77 1.45 0.00	32.16 1.62 0.00	35.03 2.11 0.00	35.55 2.68 -1.02	34.23 2.75 -2.52	41.85 2.82 -9.97	43.14 2.76 -9.75	42.09 3.58 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.28 4.41 -2.14	48.37 4.98 -0.47	54.93 5.66 -0.06	58.06 5.51 -0.01	56.13 4.96 -0.01	49.13 4.06 0.00	42.79 3.67 -0.01	35.17 3.26 -0.01	31.27 2.61 -0.01
KEDC_PORT_JEFF_GT3 24211	32.80 1.86 -0.01	28.93 1.59 0.00	26.93 1.38 0.00	26.01 1.33 0.00	25.97 1.21 0.00	27.77 1.45 0.00	32.16 1.62 0.00	35.03 2.11 0.00	35.55 2.68 -1.02	34.23 2.75 -2.52	41.85 2.82 -9.97	43.14 2.76 -9.75	42.09 3.58 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.28 4.41 -2.14	48.37 4.98 -0.47	54.93 5.66 -0.06	58.06 5.51 -0.01	56.13 4.96 -0.01	49.13 4.06 0.00	42.79 3.67 -0.01	35.17 3.26 -0.01	31.27 2.61 -0.01
KEDC_GLWD_GT4 24219	32.56 1.61 -0.02	28.77 1.42 0.00	26.85 1.30 0.00	25.93 1.26 0.00	25.97 1.21 0.00	27.61 1.29 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.24 2.36 -1.03	35.71 2.40 -4.35	48.65 2.38 -17.20	49.86 2.39 -16.83	41.67 3.17 -6.86	42.64 3.62 -3.83	42.99 3.77 -4.01	43.91 4.04 -2.14	47.64 4.25 -0.47	54.04 4.77 -0.05	57.00 4.46 -0.01	55.21 4.04 -0.01	48.41 3.34 0.00	42.24 3.13 -0.01	34.60 2.68 -0.01	30.87 2.21 -0.01
KEDC_GLWD_GT5 24220	32.56 1.61 -0.02	28.77 1.42 0.00	26.85 1.30 0.00	25.93 1.26 0.00	25.97 1.21 0.00	27.61 1.29 0.00	32.10 1.56 0.00	34.86 1.94 0.00	35.24 2.36 -1.03	35.71 2.40 -4.35	48.65 2.38 -17.20	49.86 2.39 -16.83	41.67 3.17 -6.86	42.64 3.62 -3.83	42.99 3.77 -4.01	43.91 4.04 -2.14	47.64 4.25 -0.47	54.04 4.77 -0.05	57.00 4.46 -0.01	55.21 4.04 -0.01	48.41 3.34 0.00	42.24 3.13 -0.01	34.60 2.68 -0.01	30.87 2.21 -0.01
KENSICO____ 23655	32.14 1.21 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.80 1.25 0.00	34.47 1.55 0.00	34.78 1.88 -1.05	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	35.40 2.63 -1.12	38.92 2.96 -0.78	39.69 3.10 -1.38	41.19 3.32 -0.14	47.04 3.65 -0.47	53.39 4.13 -0.04	56.31 3.78 0.00	54.59 3.43 0.00	47.87 2.79 0.00	41.57 2.46 0.00	34.02 2.11 0.00	30.46 1.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.11 1.18 0.00	28.33 0.98 0.00	26.50 0.95 0.00	25.59 0.91 0.00	25.67 0.92 0.00	27.25 0.92 0.00	31.74 1.19 0.00	34.24 1.32 0.00	33.16 1.56 0.26	30.58 1.62 0.00	30.72 1.66 0.00	32.35 1.72 0.00	33.49 2.09 0.25	37.39 2.39 0.19	37.69 2.54 0.06	40.49 2.79 0.03	46.08 3.26 0.10	52.99 3.79 0.01	56.26 3.73 0.00	54.64 3.48 0.00	48.00 2.93 0.00	41.57 2.46 0.00	33.86 1.95 0.00	30.32 1.66 0.00

KIAC_JFK_GT1 23816	32.14 1.21 0.00	28.39 1.04 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.86 1.31 0.00	34.66 1.74 0.00	35.04 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.01	33.16 2.51 -0.01	36.05 3.07 -1.33	39.45 3.41 -0.86	40.03 3.35 -1.47	41.36 3.43 -0.20	47.16 3.78 -0.45	53.39 4.13 -0.04	56.15 3.62 0.00	54.38 3.22 0.00	47.69 2.61 0.00	41.29 2.19 0.00	34.18 2.27 0.00	30.55 1.89 0.00
KIAC_JFK_GT2 23817	32.14 1.21 0.00	28.39 1.04 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.86 1.31 0.00	34.66 1.74 0.00	35.04 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.01	33.16 2.51 -0.01	36.05 3.07 -1.33	39.45 3.41 -0.86	40.03 3.35 -1.47	41.36 3.43 -0.20	47.16 3.78 -0.45	53.39 4.13 -0.04	56.15 3.62 0.00	54.38 3.22 0.00	47.69 2.61 0.00	41.29 2.19 0.00	34.18 2.27 0.00	30.55 1.89 0.00
KIAC_JFK____ 323774	32.14 1.21 0.00	28.39 1.04 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.83 1.28 0.00	34.66 1.74 0.00	35.04 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.01	33.16 2.51 -0.01	36.02 3.04 -1.33	39.56 3.52 -0.86	40.03 3.35 -1.47	41.36 3.43 -0.20	47.16 3.78 -0.45	53.39 4.13 -0.04	56.15 3.62 0.00	54.39 3.23 0.00	47.69 2.61 0.00	41.25 2.15 0.00	34.18 2.27 0.00	30.44 1.78 0.00
KINTIGH__24_KV_GSU 356498	30.35 -0.59 0.00	26.64 -0.71 0.00	24.84 -0.72 0.00	23.93 -0.74 0.00	23.96 -0.79 0.00	25.43 -0.90 0.00	28.99 -1.56 0.00	30.71 -2.21 0.00	29.72 -2.13 0.00	27.68 -1.27 0.00	27.93 -1.13 0.00	29.84 -0.80 0.00	30.52 -1.14 0.00	33.43 -1.76 0.00	33.53 -1.69 0.00	35.36 -2.38 0.00	40.14 -2.79 0.00	46.16 -3.05 0.00	49.90 -2.63 0.00	48.96 -2.20 0.00	43.49 -1.58 0.00	37.97 -1.14 0.00	31.05 -0.86 0.00	28.57 -0.09 0.00
KINTIGH____ 23543	30.35 -0.59 0.00	26.64 -0.71 0.00	24.84 -0.72 0.00	23.93 -0.74 0.00	23.96 -0.79 0.00	25.43 -0.90 0.00	28.90 -1.65 0.00	30.71 -2.21 0.00	29.72 -2.13 0.00	27.68 -1.27 0.00	27.96 -1.10 0.00	29.84 -0.80 0.00	30.23 -1.42 0.00	33.43 -1.76 0.00	33.52 -1.69 0.00	35.35 -2.38 0.00	40.13 -2.79 0.00	46.16 -3.05 0.00	49.90 -2.63 0.00	48.91 -2.25 0.00	43.49 -1.58 0.00	37.93 -1.17 0.00	31.05 -0.86 0.00	28.23 -0.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.74 0.80 0.00	28.14 0.79 0.00	26.24 0.69 0.00	25.39 0.72 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.65 1.10 0.00	34.10 1.19 0.00	32.62 0.76 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.94 0.31 0.00	31.81 0.16 0.00	35.26 0.07 0.00	35.07 -0.14 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.20 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.10 0.19 0.00	28.83 0.17 0.00
LACHUTE____HYDRO 323717	33.28 2.35 0.00	29.48 2.13 0.00	27.44 1.89 0.00	26.55 1.87 0.00	26.66 1.91 0.00	28.46 2.13 0.00	32.90 2.35 0.00	35.49 2.57 0.00	34.55 2.52 -0.18	31.27 2.32 0.00	31.01 1.95 0.00	32.47 1.84 0.00	33.30 1.49 -0.16	37.25 1.93 -0.13	37.05 1.79 -0.04	39.83 2.07 -0.02	45.27 2.27 -0.07	52.32 3.10 -0.01	56.78 4.25 0.00	55.92 4.76 0.00	49.49 4.42 0.00	42.78 3.67 0.00	34.72 2.81 0.00	31.21 2.55 0.00
LAWRNCALV_115KV_TB1 80681	31.83 0.90 0.00	28.17 0.82 0.00	26.09 0.54 0.00	25.22 0.54 0.00	25.50 0.74 0.00	27.06 0.74 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.43 0.57 0.00	29.19 0.23 0.00	29.21 0.15 0.00	30.73 0.09 0.00	31.50 -0.16 0.00	34.83 -0.35 0.00	34.69 -0.53 0.00	37.20 -0.53 0.00	42.41 -0.52 0.00	48.67 -0.54 0.00	52.11 -0.42 0.00	50.91 -0.26 0.00	44.94 -0.14 0.00	39.10 0.00 0.00	32.07 0.16 0.00	28.97 0.32 0.00
LEDERLE____ 23769	32.11 1.18 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.77 1.22 0.00	34.37 1.45 0.00	32.19 1.82 1.48	30.90 1.94 0.00	31.10 2.03 0.00	32.75 2.11 0.00	32.69 2.53 1.50	36.99 2.89 1.08	37.89 2.99 0.32	40.79 3.24 0.19	45.90 3.61 0.63	53.25 4.08 0.05	56.31 3.78 0.00	54.64 3.48 0.00	47.96 2.88 0.00	41.57 2.46 0.00	33.98 2.07 0.00	30.44 1.78 0.00
LIGHTHSE_115KV_TB6 355974	30.96 0.03 0.00	27.37 0.03 0.00	25.53 -0.03 0.00	24.60 -0.07 0.00	24.68 -0.07 0.00	26.32 0.00 0.00	30.48 -0.06 0.00	32.82 -0.10 0.00	31.66 -0.19 0.00	28.78 -0.17 0.00	28.83 -0.23 0.00	30.39 -0.25 0.00	31.31 -0.35 0.00	34.83 -0.35 0.00	34.79 -0.42 0.00	37.28 -0.45 0.00	42.37 -0.56 0.00	48.82 -0.39 0.00	52.53 0.00 0.00	51.37 0.20 0.00	45.34 0.27 0.00	39.26 0.16 0.00	32.01 0.10 0.00	28.74 0.09 0.00
LINDEN COGEN____ 23786	32.17 1.24 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.63 0.96 0.00	25.72 0.96 0.00	27.24 0.92 0.00	31.80 1.25 0.00	34.57 1.65 0.00	34.91 2.04 -1.02	31.15 2.20 0.00	31.46 2.38 -0.01	33.10 2.45 -0.01	35.89 2.91 -1.33	39.39 3.34 -0.86	40.17 3.49 -1.47	41.59 3.66 -0.20	47.37 3.99 -0.45	53.63 4.38 -0.04	56.36 3.83 0.00	54.59 3.43 0.00	47.91 2.84 0.00	41.57 2.47 0.00	34.11 2.20 0.00	30.41 1.75 0.00
LINDHRST_69_KV_BK1 356055	32.99 2.04 -0.01	29.12 1.78 0.00	27.11 1.56 0.00	26.15 1.48 0.00	26.14 1.39 0.00	27.90 1.58 0.00	32.38 1.83 0.00	35.19 2.27 0.00	35.65 2.77 -1.02	34.58 2.81 -2.82	43.02 2.82 -11.13	44.32 2.79 -10.90	42.21 3.70 -6.86	43.20 4.19 -3.83	43.52 4.30 -4.01	44.44 4.57 -2.14	48.59 5.19 -0.47	55.23 5.95 -0.06	58.31 5.78 -0.01	56.54 5.37 -0.01	49.49 4.42 0.00	43.02 3.91 0.00	35.29 3.38 0.00	31.52 2.87 0.00
LIPA_MISC_IPP 23656	32.58 1.64 -0.01	28.74 1.39 0.00	26.75 1.20 0.00	25.83 1.16 0.00	25.79 1.04 0.00	27.59 1.26 0.00	31.98 1.44 0.00	34.83 1.91 0.00	35.36 2.48 -1.02	34.04 2.58 -2.51	41.52 2.53 -9.93	42.80 2.45 -9.72	41.96 3.45 -6.86	42.89 3.87 -3.83	43.20 3.98 -4.01	44.06 4.19 -2.14	48.07 4.68 -0.47	54.59 5.32 -0.06	57.68 5.15 0.00	55.87 4.71 0.00	48.77 3.70 0.00	42.51 3.40 0.00	34.91 3.00 0.00	31.18 2.52 0.00
LISF____SOLAR 323691	32.64 1.70 -0.01	28.80 1.45 0.00	26.80 1.25 0.00	25.88 1.21 0.00	25.84 1.09 0.00	27.64 1.32 0.00	32.01 1.47 0.00	34.89 1.98 0.00	35.42 2.55 -1.02	34.11 2.63 -2.52	41.71 2.70 -9.94	43.00 2.63 -9.73	41.96 3.45 -6.86	42.99 3.97 -3.83	43.27 4.05 -4.01	44.13 4.26 -2.14	48.16 4.76 -0.47	54.73 5.46 -0.06	57.85 5.30 -0.01	55.93 4.76 -0.01	48.90 3.83 0.00	42.63 3.52 -0.01	35.01 3.09 -0.01	31.10 2.43 -0.01
LITTLE FALLS____HYD 24013	30.81 -0.12 0.00	27.26 -0.08 0.00	25.45 -0.10 0.00	24.57 -0.10 0.00	24.63 -0.12 0.00	26.22 -0.11 0.00	30.42 -0.12 0.00	32.82 -0.10 0.00	31.73 -0.13 0.00	28.81 -0.14 0.00	28.83 -0.23 0.00	30.33 -0.31 0.00	31.31 -0.35 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.28 -0.64 0.00	48.67 -0.54 0.00	52.06 -0.47 0.00	50.75 -0.41 0.00	44.80 -0.27 0.00	38.91 -0.20 0.00	31.65 -0.26 0.00	28.43 -0.23 0.00

LITTLRIV_115KV_TB1 356100	32.23 1.30 0.00	28.55 1.20 0.00	26.42 0.87 0.00	25.54 0.86 0.00	25.79 1.04 0.00	27.40 1.08 0.00	31.89 1.34 0.00	34.30 1.38 0.00	32.68 0.83 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.85 0.21 0.00	31.59 -0.06 0.00	34.98 -0.21 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.67 -0.26 0.00	49.02 -0.20 0.00	52.69 0.16 0.00	51.57 0.41 0.00	45.61 0.54 0.00	39.65 0.55 0.00	32.45 0.54 0.00	29.29 0.63 0.00
LI_NEWBRDGE___DRP 323616	32.43 1.48 -0.01	28.66 1.31 0.00	26.73 1.18 0.00	25.78 1.11 0.00	25.79 1.04 0.00	27.51 1.18 0.00	31.95 1.41 0.00	34.70 1.78 0.00	35.07 2.20 -1.02	33.52 2.23 -2.34	40.54 2.24 -9.24	41.82 2.14 -9.04	41.52 3.01 -6.86	42.36 3.34 -3.83	42.71 3.49 -4.01	43.57 3.70 -2.14	47.60 4.21 -0.47	53.94 4.68 -0.05	56.94 4.41 0.00	55.25 4.09 0.00	48.45 3.38 0.00	42.04 2.93 0.00	34.59 2.68 0.00	30.95 2.29 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.28 -0.65 0.00	26.53 -0.82 0.00	24.94 -0.61 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.62 -1.92 0.00	30.29 -2.63 0.00	29.24 -2.61 0.00	27.39 -1.56 0.00	27.70 -1.37 0.00	29.62 -1.01 0.00	29.88 -1.77 0.00	33.00 -2.18 0.00	33.10 -2.11 0.00	34.79 -2.94 0.00	39.53 -3.39 0.00	45.52 -3.69 0.00	49.38 -3.15 0.00	48.50 -2.66 0.00	43.22 -1.85 0.00	37.78 -1.33 0.00	30.92 -0.99 0.00	28.37 -0.29 0.00
LOCKPORT___CC1 323769	30.28 -0.65 0.00	26.53 -0.82 0.00	24.91 -0.64 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.74 -1.80 0.00	30.25 -2.67 0.00	29.24 -2.61 0.00	27.36 -1.59 0.00	27.64 -1.42 0.00	29.62 -1.01 0.00	30.20 -1.46 0.00	32.93 -2.25 0.00	33.07 -2.15 0.00	34.75 -2.98 0.00	39.49 -3.44 0.00	45.47 -3.74 0.00	49.32 -3.21 0.00	48.55 -2.61 0.00	43.22 -1.85 0.00	37.78 -1.33 0.00	30.92 -0.99 0.00	28.74 0.09 0.00
LOCKPORT___CC2 323770	30.28 -0.65 0.00	26.53 -0.82 0.00	24.91 -0.64 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.74 -1.80 0.00	30.25 -2.67 0.00	29.24 -2.61 0.00	27.36 -1.59 0.00	27.64 -1.42 0.00	29.62 -1.01 0.00	30.20 -1.46 0.00	32.93 -2.25 0.00	33.07 -2.15 0.00	34.75 -2.98 0.00	39.49 -3.44 0.00	45.47 -3.74 0.00	49.32 -3.21 0.00	48.55 -2.61 0.00	43.22 -1.85 0.00	37.78 -1.33 0.00	30.92 -0.99 0.00	28.74 0.09 0.00
LOCKPORT___CC3 323771	30.28 -0.65 0.00	26.53 -0.82 0.00	24.91 -0.64 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.74 -1.80 0.00	30.25 -2.67 0.00	29.24 -2.61 0.00	27.36 -1.59 0.00	27.64 -1.42 0.00	29.62 -1.01 0.00	30.20 -1.46 0.00	32.93 -2.25 0.00	33.07 -2.15 0.00	34.75 -2.98 0.00	39.49 -3.44 0.00	45.47 -3.74 0.00	49.32 -3.21 0.00	48.55 -2.61 0.00	43.22 -1.85 0.00	37.78 -1.33 0.00	30.92 -0.99 0.00	28.74 0.09 0.00
LOCUSVLY_69_KV_BK2 55797	32.71 1.76 -0.01	28.91 1.56 0.00	26.96 1.41 0.00	26.01 1.33 0.00	26.04 1.29 0.00	27.72 1.40 0.00	32.20 1.65 0.00	34.99 2.07 0.00	35.40 2.52 -1.03	35.36 2.55 -3.86	46.94 2.62 -15.25	48.17 2.60 -14.93	41.96 3.45 -6.86	42.89 3.87 -3.83	43.24 4.01 -4.01	44.13 4.26 -2.14	48.11 4.72 -0.47	54.58 5.32 -0.05	57.57 5.04 0.00	55.77 4.60 0.00	48.86 3.79 0.00	42.55 3.44 0.00	34.85 2.94 0.00	31.18 2.52 0.00
LONG_LAKE_PHOENIX 24014	30.38 -0.56 0.00	26.83 -0.52 0.00	25.04 -0.51 0.00	24.16 -0.52 0.00	24.21 -0.54 0.00	25.82 -0.50 0.00	29.90 -0.64 0.00	32.20 -0.72 0.00	31.18 -0.67 0.00	28.43 -0.52 0.00	28.54 -0.52 0.00	30.17 -0.46 0.00	31.08 -0.57 0.00	34.55 -0.63 0.00	34.58 -0.63 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.48 -0.74 0.00	51.95 -0.58 0.00	50.60 -0.56 0.00	44.62 -0.45 0.00	38.67 -0.43 0.00	31.50 -0.41 0.00	28.29 -0.37 0.00
LOVETT___3 23632	31.92 0.99 0.00	28.25 0.90 0.00	26.45 0.89 0.00	25.51 0.84 0.00	25.62 0.87 0.00	27.11 0.79 0.00	31.58 1.04 0.00	34.17 1.25 0.00	31.93 1.62 1.55	30.72 1.77 0.00	30.96 1.89 0.00	32.56 1.93 0.00	32.43 2.34 1.57	36.69 2.64 1.14	37.63 2.75 0.33	40.51 2.98 0.20	45.57 3.31 0.66	52.85 3.69 0.06	55.89 3.36 0.00	54.23 3.07 0.00	47.55 2.48 0.00	41.26 2.15 0.00	33.76 1.85 0.00	30.26 1.60 0.00
LOVETT___4 23642	31.92 0.99 0.00	28.25 0.90 0.00	26.45 0.89 0.00	25.51 0.84 0.00	25.62 0.87 0.00	27.11 0.79 0.00	31.58 1.04 0.00	34.17 1.25 0.00	31.93 1.62 1.55	30.72 1.77 0.00	30.96 1.89 0.00	32.56 1.93 0.00	32.43 2.34 1.57	36.69 2.64 1.14	37.63 2.75 0.33	40.51 2.98 0.20	45.57 3.31 0.66	52.85 3.69 0.06	55.89 3.36 0.00	54.23 3.07 0.00	47.55 2.48 0.00	41.26 2.15 0.00	33.76 1.85 0.00	30.26 1.60 0.00
LOVETT___5 23593	31.92 0.99 0.00	28.25 0.90 0.00	26.45 0.89 0.00	25.51 0.84 0.00	25.62 0.87 0.00	27.11 0.79 0.00	31.58 1.04 0.00	34.17 1.25 0.00	31.93 1.62 1.55	30.72 1.77 0.00	30.96 1.89 0.00	32.56 1.93 0.00	32.43 2.34 1.57	36.69 2.64 1.14	37.63 2.75 0.33	40.51 2.98 0.20	45.57 3.31 0.66	52.85 3.69 0.06	55.89 3.36 0.00	54.23 3.07 0.00	47.55 2.48 0.00	41.26 2.15 0.00	33.76 1.85 0.00	30.26 1.60 0.00
LOWER RAQUET___HYD 24057	31.86 0.93 0.00	28.20 0.85 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.50 0.74 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.43 0.57 0.00	29.16 0.20 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.40 -0.25 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.09 -0.64 0.00	42.28 -0.64 0.00	48.53 -0.69 0.00	52.00 -0.53 0.00	50.86 -0.31 0.00	44.89 -0.18 0.00	39.07 -0.04 0.00	32.07 0.16 0.00	29.00 0.35 0.00
LOWER___HUDSON 24059	31.71 0.77 0.00	28.09 0.74 0.00	26.27 0.71 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.06 0.74 0.00	31.40 0.85 0.00	33.97 1.05 0.00	33.26 1.21 -0.20	30.06 1.10 0.00	30.14 1.08 0.00	31.68 1.04 0.00	32.91 1.08 -0.18	36.67 1.34 -0.15	36.63 1.37 -0.04	39.30 1.55 -0.03	44.67 1.67 -0.07	51.44 2.22 -0.01	54.84 2.31 0.00	53.36 2.20 0.00	47.05 1.98 0.00	40.75 1.64 0.00	33.25 1.34 0.00	29.77 1.12 0.00
LOWVILLE_115KV_TB2 356335	31.95 1.02 0.00	28.25 0.90 0.00	26.27 0.72 0.00	25.34 0.67 0.00	25.42 0.67 0.00	27.11 0.79 0.00	31.46 0.92 0.00	33.91 0.99 0.00	32.52 0.67 0.00	29.39 0.43 0.00	29.33 0.26 0.00	30.63 0.00 0.00	31.56 -0.09 0.00	35.15 -0.04 0.00	35.07 -0.14 0.00	37.62 -0.11 0.00	42.84 -0.09 0.00	49.51 0.30 0.00	53.42 0.89 0.00	52.34 1.18 0.00	46.24 1.17 0.00	40.08 0.98 0.00	32.55 0.64 0.00	29.43 0.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.11 1.18 0.00	28.41 1.07 0.00	26.55 1.00 0.00	25.66 0.99 0.00	25.74 0.99 0.00	27.38 1.05 0.00	31.77 1.22 0.00	34.30 1.38 0.00	33.50 1.47 -0.18	30.29 1.33 0.00	30.29 1.22 0.00	31.80 1.16 0.00	32.96 1.14 -0.16	36.69 1.37 -0.13	36.63 1.37 -0.04	39.34 1.58 -0.02	44.71 1.72 -0.07	51.49 2.26 -0.01	55.16 2.63 0.00	53.87 2.71 0.00	47.51 2.43 0.00	41.18 2.07 0.00	33.54 1.63 0.00	30.12 1.46 0.00

LUTHERNY_35_KV_BK2 355980	32.11 1.18 0.00	28.44 1.09 0.00	26.57 1.02 0.00	25.69 1.01 0.00	25.77 1.01 0.00	27.40 1.08 0.00	31.77 1.22 0.00	34.30 1.38 0.00	33.53 1.50 -0.18	30.32 1.36 0.00	30.29 1.22 0.00	31.83 1.19 0.00	32.96 1.14 -0.16	36.73 1.41 -0.13	36.63 1.37 -0.04	39.34 1.58 -0.02	44.75 1.76 -0.07	51.53 2.31 -0.01	55.21 2.68 0.00	53.92 2.76 0.00	47.55 2.48 0.00	41.22 2.11 0.00	33.57 1.66 0.00	30.15 1.49 0.00
LWR___OSWEGATCHIE_HYD 23850	31.89 0.96 0.00	28.22 0.88 0.00	26.16 0.61 0.00	25.27 0.59 0.00	25.47 0.72 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.91 0.99 0.00	32.46 0.61 0.00	29.24 0.29 0.00	29.24 0.17 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.94 -0.25 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	49.02 -0.20 0.00	52.79 0.26 0.00	51.67 0.51 0.00	45.66 0.59 0.00	39.65 0.55 0.00	32.36 0.45 0.00	29.23 0.57 0.00
LYONS_FALL_HYD 23570	31.80 0.86 0.00	28.11 0.76 0.00	26.19 0.64 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.98 0.66 0.00	31.34 0.79 0.00	33.77 0.85 0.00	32.52 0.67 0.00	29.42 0.46 0.00	29.42 0.35 0.00	30.82 0.18 0.00	31.81 0.16 0.00	35.43 0.25 0.00	35.39 0.18 0.00	37.96 0.23 0.00	43.23 0.30 0.00	49.85 0.64 0.00	53.68 1.15 0.00	52.49 1.33 0.00	46.33 1.26 0.00	40.16 1.06 0.00	32.61 0.70 0.00	29.40 0.74 0.00
MADISON___COUNTY_LFGE 323628	31.58 0.65 0.00	27.95 0.60 0.00	26.06 0.51 0.00	25.12 0.44 0.00	25.20 0.45 0.00	26.85 0.53 0.00	31.16 0.61 0.00	33.58 0.66 0.00	32.43 0.57 0.00	29.45 0.49 0.00	29.50 0.44 0.00	31.06 0.43 0.00	32.10 0.44 0.00	35.78 0.60 0.00	35.78 0.56 0.00	38.34 0.60 0.00	43.70 0.77 0.00	50.35 1.13 0.00	54.11 1.58 0.00	52.80 1.64 0.00	46.56 1.49 0.00	40.36 1.25 0.00	32.77 0.86 0.00	29.40 0.75 0.00
MALONE___115KV_TB1 356076	31.83 0.90 0.00	28.19 0.85 0.00	26.24 0.69 0.00	25.36 0.69 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.68 1.13 0.00	34.17 1.25 0.00	32.65 0.80 0.00	29.36 0.41 0.00	29.39 0.32 0.00	30.97 0.34 0.00	31.81 0.16 0.00	35.22 0.04 0.00	35.00 -0.21 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.20 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.13 0.22 0.00	28.92 0.26 0.00
MAPLEWOD_115KV_TB3 80458	31.43 0.49 0.00	27.87 0.52 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.85 0.53 0.00	31.16 0.61 0.00	33.68 0.76 0.00	32.97 0.92 -0.19	29.85 0.90 0.00	29.91 0.84 0.00	31.46 0.83 0.00	32.72 0.89 -0.18	36.42 1.09 -0.14	36.38 1.13 -0.04	39.04 1.28 -0.02	44.37 1.37 -0.07	50.99 1.77 -0.01	54.32 1.79 0.00	52.90 1.74 0.00	46.56 1.49 0.00	40.36 1.25 0.00	32.93 1.02 0.00	29.55 0.89 0.00
MAPLE_RIDGE_WT_1 323574	30.81 -0.12 0.00	27.24 -0.11 0.00	25.42 -0.13 0.00	24.55 -0.12 0.00	24.63 -0.12 0.00	26.19 -0.13 0.00	30.42 -0.12 0.00	32.79 -0.13 0.00	31.69 -0.16 0.00	28.75 -0.20 0.00	28.83 -0.23 0.00	30.33 -0.31 0.00	31.24 -0.41 0.00	34.66 -0.53 0.00	34.58 -0.63 0.00	37.05 -0.68 0.00	42.15 -0.77 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.40 -0.77 0.00	44.44 -0.63 0.00	38.56 -0.55 0.00	31.49 -0.42 0.00	28.32 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	30.81 -0.12 0.00	27.24 -0.11 0.00	25.42 -0.13 0.00	24.55 -0.12 0.00	24.63 -0.12 0.00	26.19 -0.13 0.00	30.42 -0.12 0.00	32.79 -0.13 0.00	31.69 -0.16 0.00	28.75 -0.20 0.00	28.83 -0.23 0.00	30.33 -0.31 0.00	31.24 -0.41 0.00	34.66 -0.53 0.00	34.58 -0.63 0.00	37.05 -0.68 0.00	42.15 -0.77 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.40 -0.77 0.00	44.44 -0.63 0.00	38.56 -0.55 0.00	31.49 -0.42 0.00	28.32 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	31.27 0.34 0.00	27.70 0.35 0.00	25.86 0.31 0.00	25.02 0.35 0.00	25.18 0.42 0.00	26.77 0.45 0.00	31.12 0.58 0.00	33.54 0.62 0.00	32.17 0.32 0.00	28.96 0.00 0.00	28.98 -0.09 0.00	30.51 -0.12 0.00	31.43 -0.22 0.00	34.80 -0.39 0.00	34.65 -0.56 0.00	37.09 -0.64 0.00	42.24 -0.69 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.49 -0.67 0.00	44.53 -0.54 0.00	38.64 -0.47 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00
MARSHVLE_115KV_TB1 80742	32.98 2.04 0.00	29.18 1.83 0.00	27.21 1.66 0.00	26.28 1.60 0.00	26.39 1.63 0.00	28.14 1.82 0.00	32.59 2.05 0.00	34.86 1.94 0.00	33.43 1.47 -0.11	30.00 1.04 0.00	29.85 0.78 0.00	31.31 0.67 0.00	32.39 0.63 -0.10	36.18 0.91 -0.08	36.19 0.95 -0.02	38.95 1.21 -0.01	44.34 1.37 -0.04	51.48 2.26 0.00	56.05 3.52 0.00	55.31 4.14 0.00	49.04 3.97 0.00	42.43 3.32 0.00	34.43 2.52 0.00	30.89 2.24 0.00
MARSH_HILL_WT_PWR 323713	31.00 0.06 0.00	27.21 -0.14 0.00	25.32 -0.23 0.00	24.33 -0.35 0.00	24.28 -0.47 0.00	25.96 -0.37 0.00	29.78 -0.76 0.00	31.77 -1.15 0.00	30.42 -1.43 0.00	27.97 -0.98 0.00	28.08 -0.99 0.00	29.84 -0.80 0.00	30.45 -1.20 0.00	33.46 -1.72 0.00	33.53 -1.69 0.00	35.66 -2.08 0.00	40.52 -2.40 0.00	46.80 -2.41 0.00	51.00 -1.53 0.00	50.49 -0.67 0.00	44.80 -0.27 0.00	39.03 -0.08 0.00	31.81 -0.10 0.00	29.00 0.35 0.00
MCINTYRE_115KV_TB2 80467	32.39 1.45 0.00	28.69 1.34 0.00	26.55 1.00 0.00	25.66 0.99 0.00	25.92 1.16 0.00	27.56 1.24 0.00	32.04 1.50 0.00	34.43 1.51 0.00	32.74 0.89 0.00	29.36 0.41 0.00	29.36 0.29 0.00	30.88 0.25 0.00	31.69 0.03 0.00	35.12 -0.07 0.00	34.97 -0.25 0.00	37.51 -0.23 0.00	42.84 -0.09 0.00	49.26 0.05 0.00	53.00 0.47 0.00	51.93 0.77 0.00	45.93 0.86 0.00	39.93 0.82 0.00	32.61 0.70 0.00	29.40 0.75 0.00
MECO_____69_KV_BK1 80468	33.19 2.26 0.00	29.37 2.02 0.00	27.37 1.81 0.00	26.45 1.78 0.00	26.56 1.81 0.00	28.35 2.03 0.00	32.81 2.26 0.00	35.22 2.30 0.00	33.86 1.88 -0.13	30.29 1.33 0.00	30.05 0.99 0.00	31.46 0.83 0.00	32.50 0.73 -0.12	36.27 0.99 -0.10	36.26 1.02 -0.03	39.11 1.36 -0.02	44.69 1.72 -0.05	52.07 2.85 0.00	56.52 3.99 0.00	55.77 4.60 0.00	49.26 4.19 0.00	42.62 3.52 0.00	34.62 2.71 0.00	31.07 2.41 0.00
MENANDS___115KV_TB5 355628	31.24 0.31 0.00	27.70 0.36 0.00	25.99 0.43 0.00	25.09 0.42 0.00	25.18 0.42 0.00	26.69 0.37 0.00	30.97 0.43 0.00	33.51 0.59 0.00	32.81 0.76 -0.19	29.71 0.75 0.00	29.76 0.70 0.00	31.28 0.64 0.00	32.59 0.76 -0.18	36.24 0.91 -0.14	36.24 0.99 -0.04	38.89 1.13 -0.02	44.16 1.16 -0.08	50.75 1.53 -0.01	54.00 1.47 0.00	52.54 1.38 0.00	46.24 1.17 0.00	40.08 0.98 0.00	32.71 0.80 0.00	29.35 0.69 0.00
MG INDUSTRY___DRP 24185	31.31 0.37 0.00	27.78 0.44 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.23 0.47 0.00	26.80 0.47 0.00	31.03 0.49 0.00	33.51 0.59 0.00	32.68 0.67 -0.16	29.56 0.61 0.00	29.62 0.55 0.00	31.12 0.49 0.00	32.38 0.57 -0.15	36.01 0.70 -0.12	35.99 0.74 -0.03	38.58 0.83 -0.02	43.89 0.90 -0.06	50.45 1.23 -0.01	53.79 1.26 0.00	52.44 1.28 0.00	46.20 1.13 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.37 0.72 0.00

MID___OSWEGATCHIE_HYD 23849	31.89 0.96 0.00	28.22 0.88 0.00	26.16 0.61 0.00	25.27 0.59 0.00	25.47 0.72 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.91 0.99 0.00	32.46 0.61 0.00	29.24 0.29 0.00	29.24 0.17 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.94 -0.25 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	49.02 -0.20 0.00	52.79 0.26 0.00	51.67 0.51 0.00	45.66 0.59 0.00	39.65 0.55 0.00	32.36 0.45 0.00	29.23 0.57 0.00
MID___RAQUETTE_HYD 23851	31.86 0.93 0.00	28.19 0.85 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.50 0.74 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.43 0.57 0.00	29.16 0.20 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.40 -0.25 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.09 -0.64 0.00	42.28 -0.64 0.00	48.53 -0.69 0.00	52.00 -0.53 0.00	50.85 -0.31 0.00	44.89 -0.18 0.00	39.07 -0.04 0.00	32.07 0.16 0.00	29.00 0.34 0.00
MILLIKEN___1 23584	31.18 0.25 0.00	27.51 0.16 0.00	25.65 0.10 0.00	24.75 0.07 0.00	24.80 0.05 0.00	26.51 0.18 0.00	30.70 0.15 0.00	33.02 0.10 0.00	31.92 0.06 0.00	29.01 0.06 0.00	29.10 0.03 0.00	30.76 0.12 0.00	31.69 0.03 0.00	35.22 0.04 0.00	35.25 0.04 0.00	37.77 0.04 0.00	43.10 0.17 0.00	49.66 0.44 0.00	53.42 0.89 0.00	52.18 1.02 0.00	46.02 0.95 0.00	39.85 0.74 0.00	32.45 0.54 0.00	29.15 0.49 0.00
MILLIKEN___2 23585	31.18 0.25 0.00	27.51 0.16 0.00	25.65 0.10 0.00	24.75 0.07 0.00	24.80 0.05 0.00	26.51 0.18 0.00	30.70 0.15 0.00	33.02 0.10 0.00	31.92 0.06 0.00	29.01 0.06 0.00	29.10 0.03 0.00	30.76 0.12 0.00	31.69 0.03 0.00	35.22 0.04 0.00	35.25 0.04 0.00	37.77 0.04 0.00	43.10 0.17 0.00	49.66 0.44 0.00	53.42 0.89 0.00	52.18 1.02 0.00	46.02 0.95 0.00	39.85 0.74 0.00	32.45 0.54 0.00	29.15 0.49 0.00
MILLIKEN___DIESEL 23629	31.18 0.25 0.00	27.51 0.16 0.00	25.65 0.10 0.00	24.75 0.07 0.00	24.80 0.05 0.00	26.51 0.18 0.00	30.70 0.15 0.00	33.02 0.10 0.00	31.92 0.06 0.00	29.01 0.06 0.00	29.10 0.03 0.00	30.76 0.12 0.00	31.69 0.03 0.00	35.22 0.04 0.00	35.25 0.04 0.00	37.77 0.04 0.00	43.10 0.17 0.00	49.66 0.44 0.00	53.42 0.89 0.00	52.18 1.02 0.00	46.02 0.95 0.00	39.85 0.74 0.00	32.45 0.54 0.00	29.15 0.49 0.00
MILLSEAT___LFGE 323607	30.84 -0.09 0.00	27.05 -0.30 0.00	25.37 -0.18 0.00	24.23 -0.44 0.00	24.28 -0.47 0.00	25.82 -0.50 0.00	29.39 -1.16 0.00	31.14 -1.78 0.00	30.04 -1.81 0.00	27.97 -0.98 0.00	28.25 -0.81 0.00	30.27 -0.37 0.00	30.89 -0.76 0.00	33.78 -1.41 0.00	33.91 -1.30 0.00	35.73 -2.00 0.00	40.69 -2.23 0.00	46.95 -2.26 0.00	50.96 -1.57 0.00	50.08 -1.08 0.00	44.58 -0.49 0.00	38.87 -0.23 0.00	31.62 -0.29 0.00	29.26 0.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.05 1.11 0.00	28.33 0.98 0.00	26.52 0.97 0.00	25.59 0.91 0.00	25.70 0.94 0.00	27.22 0.90 0.00	31.71 1.16 0.00	34.34 1.42 0.00	34.71 1.78 -1.08	30.87 1.91 0.00	31.10 2.03 0.00	32.72 2.08 0.00	35.30 2.50 -1.14	38.79 2.81 -0.79	39.52 2.92 -1.38	41.00 3.13 -0.14	46.88 3.48 -0.48	53.19 3.94 -0.04	56.15 3.62 0.00	54.44 3.27 0.00	47.78 2.70 0.00	41.45 2.35 0.00	33.92 2.01 0.00	30.38 1.72 0.00
MILLWOOD_13_KV_LOAD 356217	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.64 0.96 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.77 1.22 0.00	34.40 1.48 0.00	34.78 1.85 -1.08	30.92 1.97 0.00	31.16 2.09 0.00	32.78 2.14 0.00	35.36 2.56 -1.14	38.90 2.92 -0.79	39.63 3.03 -1.38	41.12 3.24 -0.14	47.01 3.61 -0.48	53.34 4.08 -0.04	56.31 3.78 0.00	54.59 3.43 0.00	47.87 2.79 0.00	41.57 2.46 0.00	33.98 2.07 0.00	30.44 1.78 0.00
MODEL_CITY_ENERGY 24167	29.97 -0.96 0.00	26.28 -1.07 0.00	24.79 -0.77 0.00	23.59 -1.09 0.00	23.64 -1.11 0.00	25.06 -1.26 0.00	28.44 -2.11 0.00	29.99 -2.93 0.00	28.95 -2.90 0.00	27.13 -1.82 0.00	27.41 -1.66 0.00	29.35 -1.29 0.00	29.91 -1.74 0.00	32.65 -2.53 0.00	32.75 -2.47 0.00	34.45 -3.28 0.00	39.06 -3.86 0.00	44.93 -4.28 0.00	48.80 -3.73 0.00	47.99 -3.17 0.00	42.73 -2.35 0.00	37.39 -1.72 0.00	30.60 -1.31 0.00	28.57 -0.09 0.00
MODERN_LFGE___ 323580	29.97 -0.96 0.00	26.28 -1.07 0.00	24.79 -0.77 0.00	23.59 -1.09 0.00	23.64 -1.11 0.00	25.06 -1.26 0.00	28.44 -2.11 0.00	29.99 -2.93 0.00	28.95 -2.90 0.00	27.13 -1.82 0.00	27.41 -1.66 0.00	29.35 -1.29 0.00	29.91 -1.74 0.00	32.65 -2.53 0.00	32.75 -2.47 0.00	34.45 -3.28 0.00	39.06 -3.86 0.00	44.93 -4.28 0.00	48.80 -3.73 0.00	47.99 -3.17 0.00	42.73 -2.35 0.00	37.39 -1.72 0.00	30.60 -1.31 0.00	28.57 -0.09 0.00
MOHAWK_PAPER___DRP 24187	31.43 0.49 0.00	27.87 0.52 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.85 0.53 0.00	31.16 0.61 0.00	33.68 0.76 0.00	32.97 0.92 -0.19	29.85 0.90 0.00	29.91 0.84 0.00	31.46 0.83 0.00	32.72 0.89 -0.18	36.42 1.09 -0.14	36.38 1.13 -0.04	39.04 1.28 -0.02	44.37 1.37 -0.07	50.99 1.77 -0.01	54.32 1.79 0.00	52.90 1.74 0.00	46.56 1.49 0.00	40.36 1.25 0.00	32.93 1.02 0.00	29.55 0.89 0.00
MOHICAN___35_KV_115KV_LD 80490	32.23 1.30 0.00	28.52 1.18 0.00	26.62 1.07 0.00	25.73 1.06 0.00	25.84 1.09 0.00	27.51 1.18 0.00	31.89 1.34 0.00	34.43 1.51 0.00	33.62 1.59 -0.18	30.43 1.48 0.00	30.26 1.19 0.00	31.74 1.10 0.00	32.77 0.95 -0.16	36.48 1.16 -0.13	36.38 1.13 -0.04	39.07 1.32 -0.02	44.45 1.46 -0.07	51.24 2.02 -0.01	55.26 2.73 0.00	54.13 2.97 0.00	47.82 2.75 0.00	41.37 2.27 0.00	33.67 1.76 0.00	30.23 1.58 0.00
MONGAUP___HYD 23641	31.92 0.99 0.00	28.20 0.85 0.00	26.37 0.82 0.00	25.46 0.79 0.00	25.55 0.79 0.00	27.14 0.82 0.00	31.55 1.01 0.00	34.00 1.08 0.00	32.03 1.24 1.06	30.20 1.24 0.00	30.34 1.28 0.00	31.92 1.29 0.00	32.13 1.55 1.08	36.24 1.83 0.78	36.92 1.94 0.23	39.75 2.15 0.14	45.00 2.53 0.45	52.23 3.05 0.04	55.63 3.10 0.00	54.18 3.02 0.00	47.64 2.57 0.00	41.25 2.15 0.00	33.60 1.69 0.00	30.06 1.40 0.00
MONTAUK___DIESEL 23721	33.48 2.54 -0.01	29.59 2.24 0.00	27.60 2.04 0.00	26.70 2.02 0.00	26.66 1.91 0.00	28.59 2.26 0.00	32.99 2.44 0.00	36.01 3.09 0.00	36.73 3.85 -1.02	35.41 3.94 -2.51	43.13 4.13 -9.93	44.61 4.26 -9.72	43.64 5.13 -6.86	44.72 5.70 -3.83	44.82 5.60 -4.01	45.53 5.66 -2.14	49.49 6.10 -0.47	55.91 6.64 -0.06	58.78 6.25 0.00	56.79 5.63 0.00	49.40 4.33 0.00	43.09 3.99 0.00	35.23 3.32 0.00	31.75 3.10 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.93 0.00 0.00	27.18 -0.16 0.00	25.32 -0.23 0.00	24.35 -0.32 0.00	24.46 -0.30 0.00	26.03 -0.29 0.00	29.69 -0.86 0.00	31.64 -1.28 0.00	30.45 -1.40 0.00	28.49 -0.46 0.00	28.78 -0.29 0.00	30.73 0.09 0.00	30.96 -0.70 0.00	34.10 -1.09 0.00	34.19 -1.02 0.00	35.96 -1.77 0.00	40.65 -2.27 0.00	46.80 -2.41 0.00	50.95 -1.58 0.00	50.24 -0.92 0.00	44.71 -0.36 0.00	38.99 -0.12 0.00	31.88 -0.03 0.00	29.00 0.34 0.00

MORRIS RIDGE___SOLAR 323848	30.59 -0.34 0.00	26.91 -0.44 0.00	25.06 -0.49 0.00	24.08 -0.59 0.00	24.11 -0.64 0.00	25.67 -0.66 0.00	29.35 -1.19 0.00	31.27 -1.65 0.00	29.91 -1.94 0.00	27.65 -1.30 0.00	27.79 -1.28 0.00	29.59 -1.04 0.00	30.17 -1.49 0.00	33.11 -2.08 0.00	33.21 -2.01 0.00	35.28 -2.45 0.00	40.00 -2.92 0.00	46.21 -3.00 0.00	50.33 -2.20 0.00	49.88 -1.28 0.00	44.26 -0.81 0.00	38.60 -0.51 0.00	31.49 -0.42 0.00	28.83 0.17 0.00
MORTIMER_115KV_TB3 55949	30.75 -0.19 0.00	27.05 -0.30 0.00	25.22 -0.33 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.88 -0.45 0.00	29.60 -0.95 0.00	31.73 -1.19 0.00	30.74 -1.11 0.00	28.38 -0.58 0.00	28.63 -0.44 0.00	30.51 -0.12 0.00	31.08 -0.57 0.00	34.48 -0.70 0.00	34.55 -0.67 0.00	36.64 -1.09 0.00	41.77 -1.16 0.00	48.08 -1.13 0.00	51.79 -0.74 0.00	50.60 -0.56 0.00	44.89 -0.18 0.00	38.99 -0.12 0.00	31.72 -0.19 0.00	28.63 -0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.76 1.09 0.00	25.87 1.11 0.00	27.38 1.05 0.00	31.95 1.41 0.00	34.70 1.78 0.00	35.00 2.13 -1.02	31.21 2.26 0.00	31.50 2.41 -0.02	33.13 2.48 -0.02	36.02 2.94 -1.42	39.36 3.27 -0.90	40.14 3.42 -1.51	41.62 3.66 -0.23	47.46 4.08 -0.45	53.73 4.48 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.76 2.66 0.00	34.24 2.33 0.00	30.64 1.98 0.00
MUNSVILLE_WIND_PWR 323609	32.73 1.79 0.00	29.02 1.67 0.00	26.98 1.43 0.00	25.98 1.31 0.00	26.12 1.36 0.00	27.96 1.63 0.00	32.53 1.98 0.00	35.26 2.34 0.00	33.84 2.17 0.18	30.87 1.91 0.00	30.93 1.86 0.00	32.62 1.99 0.00	33.56 2.09 0.18	37.72 2.67 0.13	37.74 2.57 0.04	40.54 2.83 0.02	46.32 3.48 0.08	53.83 4.62 0.01	58.57 6.04 0.00	57.20 6.03 0.00	50.52 5.45 0.00	43.68 4.57 0.00	35.10 3.19 0.00	31.47 2.81 0.00
N SALMON___HYD 24042	31.83 0.90 0.00	28.20 0.85 0.00	26.24 0.69 0.00	25.36 0.69 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.68 1.13 0.00	34.17 1.25 0.00	32.65 0.80 0.00	29.36 0.41 0.00	29.39 0.32 0.00	30.97 0.34 0.00	31.78 0.13 0.00	35.22 0.04 0.00	35.00 -0.21 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.21 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.13 0.22 0.00	28.92 0.26 0.00
N.AKRON__115KV_KNAPP 355671	30.90 -0.03 0.00	27.07 -0.27 0.00	25.40 -0.15 0.00	24.28 -0.39 0.00	24.31 -0.45 0.00	25.85 -0.47 0.00	29.32 -1.22 0.00	31.18 -1.74 0.00	30.10 -1.75 0.00	28.03 -0.93 0.00	28.34 -0.73 0.00	30.30 -0.34 0.00	30.61 -1.04 0.00	33.85 -1.34 0.00	33.95 -1.27 0.00	35.77 -1.96 0.00	40.74 -2.19 0.00	47.00 -2.21 0.00	51.01 -1.52 0.00	50.09 -1.07 0.00	44.62 -0.45 0.00	38.87 -0.23 0.00	31.65 -0.26 0.00	28.92 0.26 0.00
N.E_GEN_SANDY PD 24062	31.65 0.71 0.00	28.00 0.66 0.00	26.27 0.71 0.00	25.39 0.72 0.00	25.47 0.72 0.00	26.98 0.66 0.00	31.40 0.85 0.00	34.00 1.08 0.00	33.60 1.34 -0.41	30.23 1.27 0.00	30.38 1.31 0.00	31.92 1.29 0.00	33.40 1.49 -0.26	37.25 1.76 -0.30	37.17 1.87 -0.09	39.86 2.07 -0.05	45.26 2.23 -0.11	51.98 2.75 -0.02	55.16 2.63 0.00	53.57 2.41 0.00	47.93 2.07 -0.78	40.87 1.76 0.00	33.38 1.47 0.00	29.86 1.20 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.95 1.02 0.00	28.28 0.93 0.00	26.47 0.92 0.00	25.54 0.86 0.00	25.65 0.89 0.00	27.17 0.84 0.00	31.62 1.07 0.00	34.20 1.28 0.00	32.01 1.66 1.50	30.75 1.80 0.00	30.96 1.89 0.00	32.59 1.96 0.00	32.50 2.37 1.53	36.72 2.64 1.10	37.67 2.78 0.32	40.56 3.02 0.19	45.63 3.35 0.64	52.90 3.74 0.06	56.00 3.47 0.00	54.33 3.17 0.00	47.64 2.57 0.00	41.33 2.23 0.00	33.79 1.88 0.00	30.29 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	32.64 1.70 0.00	28.80 1.45 0.00	26.96 1.41 0.00	25.98 1.31 0.00	26.09 1.34 0.00	27.53 1.21 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.03 2.17 -1.02	31.33 2.37 0.00	31.72 2.65 0.00	33.36 2.73 0.00	35.99 3.01 -1.33	39.27 3.20 -0.88	40.14 3.45 -1.47	41.49 3.55 -0.22	47.50 4.12 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.69 3.53 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.56 2.65 0.00	30.92 2.26 0.00
N.TROY___115KV_TB1 355778	31.71 0.77 0.00	28.09 0.74 0.00	26.27 0.72 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.06 0.74 0.00	31.43 0.89 0.00	33.97 1.05 0.00	33.26 1.21 -0.20	30.06 1.10 0.00	30.14 1.08 0.00	31.68 1.04 0.00	32.94 1.11 -0.18	36.67 1.34 -0.15	36.63 1.37 -0.04	39.30 1.55 -0.03	44.67 1.67 -0.07	51.44 2.21 -0.01	54.84 2.31 0.00	53.36 2.20 0.00	47.06 1.98 0.00	40.79 1.68 0.00	33.25 1.34 0.00	29.80 1.15 0.00
NARROWS_GT1_1 24228	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT1_2 24229	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT1_3 24230	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT1_4 24231	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT1_5 24232	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01

NARROWS_GT1_6 24233	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT1_7 24234	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT1_8 24235	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_1 24236	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_2 24237	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_3 24238	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_4 24239	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_5 24240	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_6 24241	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_7 24242	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NARROWS_GT2_8 24243	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.71 0.77 0.00	28.09 0.74 0.00	26.29 0.74 0.00	25.44 0.76 0.00	25.52 0.77 0.00	27.14 0.82 0.00	31.43 0.89 0.00	33.87 0.95 0.00	32.88 0.92 -0.10	29.68 0.72 0.00	29.62 0.55 0.00	31.12 0.49 0.00	32.38 0.63 -0.10	36.00 0.74 -0.08	36.05 0.81 -0.02	38.76 1.02 -0.01	44.21 1.24 -0.04	51.04 1.82 0.00	54.63 2.10 0.00	53.36 2.20 0.00	47.06 1.98 0.00	40.75 1.64 0.00	33.15 1.24 0.00	29.75 1.09 0.00
NCHELSEA_115KV_TR2 355582	32.14 1.21 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.77 1.01 0.00	27.32 1.00 0.00	31.83 1.28 0.00	34.40 1.48 0.00	33.70 1.75 -0.10	30.75 1.80 0.00	30.93 1.86 0.00	32.56 1.93 0.00	34.06 2.28 -0.12	37.90 2.64 -0.07	37.98 2.75 -0.02	40.72 2.98 -0.01	46.37 3.39 -0.05	53.11 3.89 0.00	56.26 3.73 0.00	54.64 3.48 0.00	47.96 2.88 0.00	41.57 2.46 0.00	33.95 2.04 0.00	30.38 1.72 0.00
NEG CAPITAL___MECHNVIL 23645	32.17 1.24 0.00	28.47 1.12 0.00	26.60 1.05 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.43 1.11 0.00	31.80 1.25 0.00	34.40 1.48 0.00	33.60 1.56 -0.19	30.40 1.45 0.00	30.40 1.34 0.00	31.95 1.32 0.00	33.09 1.27 -0.17	36.91 1.58 -0.14	36.80 1.55 -0.04	39.53 1.77 -0.02	44.93 1.93 -0.07	51.78 2.56 -0.01	55.42 2.89 0.00	54.08 2.91 0.00	47.69 2.61 0.00	41.29 2.19 0.00	33.63 1.72 0.00	30.18 1.52 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.19 -0.74 0.00	26.58 -0.77 0.00	24.76 -0.79 0.00	23.86 -0.81 0.00	23.89 -0.87 0.00	25.48 -0.84 0.00	29.32 -1.22 0.00	31.41 -1.51 0.00	30.42 -1.43 0.00	27.97 -0.98 0.00	28.17 -0.90 0.00	29.99 -0.64 0.00	30.80 -0.85 0.00	33.95 -1.23 0.00	34.02 -1.20 0.00	36.18 -1.55 0.00	41.29 -1.63 0.00	47.49 -1.72 0.00	51.11 -1.42 0.00	49.93 -1.23 0.00	44.17 -0.90 0.00	38.36 -0.74 0.00	31.18 -0.73 0.00	28.29 -0.37 0.00

NEG CENTRAL___DRP 24199	30.90 -0.03 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.45 -0.22 0.00	24.51 -0.25 0.00	26.19 -0.13 0.00	30.24 -0.31 0.00	32.52 -0.40 0.00	31.44 -0.41 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.60 -0.03 0.00	31.40 -0.25 0.00	34.87 -0.32 0.00	34.90 -0.32 0.00	37.28 -0.45 0.00	42.45 -0.47 0.00	48.87 -0.34 0.00	52.64 0.11 0.00	51.42 0.26 0.00	45.39 0.32 0.00	39.34 0.23 0.00	32.10 0.19 0.00	28.83 0.17 0.00
NEG CENTRAL___INDECK 23768	31.74 0.80 0.00	27.87 0.52 0.00	25.93 0.38 0.00	24.95 0.27 0.00	24.95 0.20 0.00	26.69 0.37 0.00	30.61 0.06 0.00	32.59 -0.33 0.00	31.18 -0.67 0.00	28.61 -0.35 0.00	28.69 -0.38 0.00	30.54 -0.09 0.00	31.24 -0.41 0.00	34.38 -0.81 0.00	34.54 -0.67 0.00	36.75 -0.98 0.00	42.02 -0.90 0.00	48.63 -0.59 0.00	53.06 0.53 0.00	52.44 1.28 0.00	46.65 1.58 0.00	40.47 1.37 0.00	32.80 0.89 0.00	29.83 1.18 0.00
NEG CENTRAL___SENECA 23627	31.03 0.09 0.00	27.32 -0.03 0.00	25.45 -0.10 0.00	24.50 -0.17 0.00	24.56 -0.20 0.00	26.25 -0.08 0.00	30.27 -0.27 0.00	32.52 -0.40 0.00	31.41 -0.45 0.00	28.72 -0.23 0.00	28.89 -0.17 0.00	30.66 0.03 0.00	31.37 -0.28 0.00	34.83 -0.35 0.00	34.86 -0.35 0.00	37.20 -0.53 0.00	42.32 -0.60 0.00	48.77 -0.44 0.00	52.64 0.11 0.00	51.52 0.36 0.00	45.52 0.45 0.00	39.42 0.31 0.00	32.20 0.29 0.00	28.97 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	30.87 -0.06 0.00	27.24 -0.11 0.00	25.40 -0.15 0.00	24.48 -0.20 0.00	24.56 -0.20 0.00	26.22 -0.11 0.00	30.33 -0.21 0.00	32.66 -0.26 0.00	31.60 -0.25 0.00	28.81 -0.14 0.00	28.92 -0.15 0.00	30.63 0.00 0.00	31.50 -0.16 0.00	35.01 -0.18 0.00	35.04 -0.18 0.00	37.47 -0.26 0.00	42.71 -0.21 0.00	49.17 -0.05 0.00	52.85 0.32 0.00	51.57 0.41 0.00	45.48 0.41 0.00	39.42 0.31 0.00	32.10 0.19 0.00	28.80 0.14 0.00
NEG MILLWOOD___DRP 24198	32.26 1.33 0.00	28.50 1.15 0.00	26.68 1.12 0.00	25.76 1.09 0.00	25.87 1.11 0.00	27.43 1.11 0.00	31.95 1.41 0.00	34.57 1.65 0.00	34.29 1.97 -0.46	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	34.78 2.63 -0.50	38.55 3.03 -0.34	39.53 3.06 -1.25	41.11 3.32 -0.06	46.91 3.78 -0.21	53.56 4.33 -0.02	56.68 4.15 0.00	54.95 3.79 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.14 2.23 0.00	30.52 1.86 0.00
NEG NORTH_FLCN_SEA 23793	31.61 0.68 0.00	28.03 0.68 0.00	26.16 0.61 0.00	25.32 0.64 0.00	25.45 0.69 0.00	27.06 0.74 0.00	31.52 0.98 0.00	33.97 1.05 0.00	32.52 0.67 0.00	29.27 0.32 0.00	29.27 0.20 0.00	30.88 0.25 0.00	31.78 0.13 0.00	35.19 0.00 0.00	35.00 -0.21 0.00	37.47 -0.26 0.00	42.71 -0.21 0.00	48.97 -0.25 0.00	52.37 -0.16 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.10 0.00 0.00	31.97 0.06 0.00	28.72 0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	31.31 0.37 0.00	27.73 0.38 0.00	25.88 0.33 0.00	25.04 0.37 0.00	25.20 0.45 0.00	26.80 0.47 0.00	31.19 0.64 0.00	33.58 0.66 0.00	32.11 0.25 0.00	28.87 -0.09 0.00	28.89 -0.17 0.00	30.42 -0.21 0.00	31.31 -0.35 0.00	34.69 -0.49 0.00	34.55 -0.67 0.00	36.98 -0.75 0.00	42.15 -0.77 0.00	48.28 -0.94 0.00	51.69 -0.84 0.00	50.50 -0.67 0.00	44.58 -0.50 0.00	38.67 -0.43 0.00	31.62 -0.29 0.00	28.43 -0.23 0.00
NEG NORTH___ALICE_FALLS 23915	31.74 0.80 0.00	28.14 0.79 0.00	26.24 0.69 0.00	25.39 0.72 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.65 1.10 0.00	34.10 1.19 0.00	32.62 0.76 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.94 0.31 0.00	31.81 0.16 0.00	35.26 0.07 0.00	35.07 -0.14 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.20 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.10 0.19 0.00	28.83 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	31.74 0.80 0.00	28.14 0.79 0.00	26.24 0.69 0.00	25.39 0.72 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.65 1.10 0.00	34.10 1.19 0.00	32.62 0.76 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.94 0.31 0.00	31.81 0.16 0.00	35.26 0.07 0.00	35.07 -0.14 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.20 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.10 0.19 0.00	28.83 0.17 0.00
NEG NORTH___PLATTSBURG 23628	31.74 0.80 0.00	28.14 0.79 0.00	26.24 0.69 0.00	25.39 0.72 0.00	25.55 0.79 0.00	27.17 0.84 0.00	31.64 1.10 0.00	34.10 1.18 0.00	32.62 0.76 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.94 0.31 0.00	31.81 0.16 0.00	35.29 0.11 0.00	35.07 -0.14 0.00	37.54 -0.19 0.00	42.80 -0.13 0.00	49.12 -0.10 0.00	52.58 0.05 0.00	51.37 0.21 0.00	45.34 0.27 0.00	39.30 0.20 0.00	32.10 0.19 0.00	28.83 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	30.28 -0.65 0.00	26.53 -0.82 0.00	24.91 -0.64 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.62 -1.92 0.00	30.25 -2.67 0.00	29.24 -2.61 0.00	27.36 -1.59 0.00	27.70 -1.37 0.00	29.62 -1.01 0.00	29.85 -1.80 0.00	32.97 -2.22 0.00	33.07 -2.15 0.00	34.79 -2.94 0.00	39.49 -3.43 0.00	45.47 -3.74 0.00	49.33 -3.20 0.00	48.50 -2.66 0.00	43.22 -1.85 0.00	37.78 -1.33 0.00	30.92 -0.99 0.00	28.34 -0.32 0.00
NEG WEST___LANCASTR 23811	30.04 -0.90 0.00	26.39 -0.96 0.00	24.61 -0.95 0.00	23.64 -1.04 0.00	23.69 -1.06 0.00	25.19 -1.13 0.00	28.62 -1.92 0.00	30.38 -2.53 0.00	29.30 -2.55 0.00	27.42 -1.53 0.00	27.70 -1.37 0.00	29.59 -1.04 0.00	29.94 -1.71 0.00	33.08 -2.11 0.00	33.21 -2.01 0.00	34.90 -2.83 0.00	39.53 -3.39 0.00	45.52 -3.69 0.00	49.43 -3.10 0.00	48.60 -2.56 0.00	43.18 -1.89 0.00	37.62 -1.49 0.00	30.79 -1.12 0.00	28.11 -0.54 0.00
NEG_PENN_ALLEGHNY 23528	30.96 0.03 0.00	27.35 0.00 0.00	25.50 -0.05 0.00	24.58 -0.10 0.00	24.63 -0.12 0.00	26.27 -0.05 0.00	30.36 -0.18 0.00	32.66 -0.26 0.00	31.63 -0.22 0.00	28.96 0.00 0.00	29.10 0.03 0.00	30.79 0.15 0.00	31.72 0.06 0.00	35.19 0.00 0.00	35.25 0.04 0.00	37.81 0.08 0.00	43.10 0.17 0.00	49.51 0.30 0.00	53.11 0.58 0.00	51.82 0.66 0.00	45.70 0.63 0.00	39.65 0.55 0.00	32.29 0.38 0.00	29.09 0.43 0.00
NEG___GEN_MONROE 24207	30.84 -0.09 0.00	27.07 -0.27 0.00	25.24 -0.31 0.00	24.28 -0.39 0.00	24.33 -0.42 0.00	25.90 -0.42 0.00	29.63 -0.92 0.00	31.67 -1.25 0.00	30.64 -1.21 0.00	28.32 -0.64 0.00	28.57 -0.49 0.00	30.45 -0.18 0.00	31.02 -0.63 0.00	34.38 -0.81 0.00	34.44 -0.77 0.00	36.49 -1.25 0.00	41.59 -1.33 0.00	47.89 -1.33 0.00	51.69 -0.84 0.00	50.65 -0.51 0.00	44.94 -0.14 0.00	39.07 -0.04 0.00	31.78 -0.13 0.00	28.77 0.11 0.00
NEPA___ENERGY 23901	30.47 -0.46 0.00	26.83 -0.52 0.00	24.99 -0.56 0.00	24.01 -0.67 0.00	24.09 -0.67 0.00	25.59 -0.74 0.00	29.05 -1.50 0.00	30.91 -2.01 0.00	29.81 -2.04 0.00	27.88 -1.07 0.00	28.17 -0.90 0.00	30.05 -0.58 0.00	30.45 -1.20 0.00	33.64 -1.55 0.00	33.74 -1.48 0.00	35.43 -2.30 0.00	40.13 -2.79 0.00	46.21 -3.00 0.00	50.17 -2.36 0.00	49.42 -1.74 0.00	43.90 -1.17 0.00	38.24 -0.86 0.00	31.34 -0.57 0.00	28.54 -0.11 0.00

NEVERSINK___HYD 23608	31.86 0.93 0.00	28.14 0.79 0.00	26.32 0.77 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.06 0.74 0.00	31.46 0.92 0.00	33.97 1.05 0.00	32.82 1.31 0.34	30.32 1.36 0.00	30.46 1.40 0.00	32.07 1.44 0.00	33.02 1.71 0.34	37.01 2.08 0.25	37.29 2.15 0.07	40.07 2.38 0.04	45.57 2.79 0.14	52.45 3.25 0.01	55.79 3.26 0.00	54.18 3.02 0.00	47.59 2.52 0.00	41.22 2.11 0.00	33.57 1.66 0.00	30.01 1.35 0.00
NEWKRMKL_115KV_TB1 55635	31.09 0.15 0.00	27.59 0.25 0.00	25.86 0.31 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.59 0.26 0.00	30.82 0.27 0.00	33.35 0.43 0.00	32.68 0.64 -0.19	29.56 0.61 0.00	29.62 0.55 0.00	31.12 0.49 0.00	32.37 0.54 -0.17	36.06 0.74 -0.14	35.99 0.74 -0.04	38.66 0.91 -0.02	43.90 0.90 -0.07	50.40 1.18 -0.01	53.69 1.16 0.00	52.24 1.07 0.00	45.97 0.90 0.00	39.85 0.74 0.00	32.52 0.61 0.00	29.17 0.52 0.00
NEWTON___FALLS_HYD 23847	31.89 0.96 0.00	28.22 0.88 0.00	26.16 0.61 0.00	25.27 0.59 0.00	25.47 0.72 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.91 0.99 0.00	32.46 0.61 0.00	29.24 0.29 0.00	29.24 0.17 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.94 -0.25 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	49.02 -0.20 0.00	52.79 0.26 0.00	51.67 0.51 0.00	45.66 0.59 0.00	39.65 0.55 0.00	32.36 0.45 0.00	29.23 0.57 0.00
NGRID_A1_DSASP 323792	30.13 -0.80 0.00	26.42 -0.93 0.00	24.33 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.44 -2.11 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.24 -1.83 0.00	29.13 -1.50 0.00	29.72 -1.93 0.00	32.41 -2.78 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.20 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.48 -3.68 0.00	42.23 -2.84 0.00	36.99 -2.11 0.00	30.35 -1.56 0.00	28.09 -0.57 0.00
NGRID_A2_DSASP 323793	30.13 -0.80 0.00	26.42 -0.93 0.00	24.33 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.44 -2.11 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.24 -1.83 0.00	29.13 -1.50 0.00	29.72 -1.93 0.00	32.41 -2.78 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.20 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.48 -3.68 0.00	42.23 -2.84 0.00	36.99 -2.11 0.00	30.35 -1.56 0.00	28.09 -0.57 0.00
NGRID_A4_DSASP 323807	30.13 -0.80 0.00	26.42 -0.93 0.00	24.33 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.44 -2.11 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.24 -1.83 0.00	29.13 -1.50 0.00	29.72 -1.93 0.00	32.41 -2.78 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.20 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.48 -3.68 0.00	42.23 -2.84 0.00	36.99 -2.11 0.00	30.35 -1.56 0.00	28.09 -0.57 0.00
NIAGARA_115E_LBMP 323715	29.82 -1.11 0.00	26.12 -1.23 0.00	24.71 -0.84 0.00	23.47 -1.21 0.00	23.52 -1.24 0.00	24.90 -1.42 0.00	28.29 -2.26 0.00	29.79 -3.13 0.00	28.79 -3.06 0.00	26.99 -1.97 0.00	27.26 -1.80 0.00	29.19 -1.44 0.00	29.76 -1.90 0.00	32.44 -2.74 0.00	32.57 -2.64 0.00	34.22 -3.51 0.00	38.85 -4.08 0.00	44.64 -4.58 0.00	48.43 -4.10 0.00	47.63 -3.53 0.00	42.41 -2.66 0.00	37.11 -1.99 0.00	30.41 -1.50 0.00	28.46 -0.20 0.00
NIAGARA_115W_LBMP 323714	30.10 -0.83 0.00	26.36 -0.98 0.00	24.27 -1.28 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.14 -1.18 0.00	28.38 -2.17 0.00	29.66 -3.26 0.00	28.67 -3.18 0.00	26.87 -2.09 0.00	27.15 -1.92 0.00	29.07 -1.56 0.00	29.63 -2.03 0.00	32.34 -2.85 0.00	32.43 -2.78 0.00	34.07 -3.66 0.00	38.63 -4.29 0.00	44.39 -4.82 0.00	48.12 -4.41 0.00	47.32 -3.84 0.00	42.14 -2.93 0.00	36.88 -2.23 0.00	30.25 -1.66 0.00	28.03 -0.63 0.00
NIAGARA_230_LBMP 323716	30.13 -0.80 0.00	26.39 -0.96 0.00	24.63 -0.92 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.17 -1.16 0.00	28.59 -1.96 0.00	30.12 -2.80 0.00	29.15 -2.71 0.00	27.28 -1.68 0.00	27.55 -1.51 0.00	29.47 -1.16 0.00	30.07 -1.58 0.00	32.83 -2.36 0.00	32.93 -2.29 0.00	34.60 -3.13 0.00	39.28 -3.65 0.00	45.08 -4.13 0.00	48.91 -3.62 0.00	48.09 -3.07 0.00	42.78 -2.30 0.00	37.42 -1.68 0.00	30.67 -1.24 0.00	28.40 -0.26 0.00
NIAGARA___115KV_198_GIBSON 55903	30.10 -0.84 0.00	26.36 -0.98 0.00	24.27 -1.28 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.14 -1.18 0.00	28.29 -2.26 0.00	29.66 -3.26 0.00	28.67 -3.19 0.00	26.87 -2.08 0.00	27.21 -1.86 0.00	29.07 -1.56 0.00	29.31 -2.34 0.00	32.37 -2.81 0.00	32.43 -2.78 0.00	34.07 -3.66 0.00	38.63 -4.29 0.00	44.39 -4.82 0.00	48.12 -4.41 0.00	47.27 -3.89 0.00	42.14 -2.93 0.00	36.88 -2.23 0.00	30.25 -1.66 0.00	27.63 -1.03 0.00
NIAGARA____ 23760	30.13 -0.80 0.00	26.39 -0.96 0.00	24.63 -0.92 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.17 -1.16 0.00	28.59 -1.96 0.00	30.12 -2.80 0.00	29.15 -2.71 0.00	27.28 -1.68 0.00	27.55 -1.51 0.00	29.47 -1.16 0.00	30.07 -1.58 0.00	32.83 -2.36 0.00	32.93 -2.29 0.00	34.60 -3.13 0.00	39.28 -3.65 0.00	45.08 -4.13 0.00	48.91 -3.62 0.00	48.09 -3.07 0.00	42.78 -2.30 0.00	37.42 -1.68 0.00	30.67 -1.24 0.00	28.40 -0.26 0.00
NINE_MILE_1 23575	29.97 -0.96 0.00	26.50 -0.85 0.00	24.73 -0.82 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.71 -1.15 0.00	28.00 -0.95 0.00	28.14 -0.93 0.00	29.72 -0.92 0.00	30.67 -0.98 0.00	34.03 -1.16 0.00	34.09 -1.13 0.00	36.45 -1.28 0.00	41.51 -1.42 0.00	47.74 -1.48 0.00	51.06 -1.47 0.00	49.78 -1.38 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	31.02 -0.89 0.00	27.89 -0.77 0.00
NINE_MILE_2 23744	29.97 -0.96 0.00	26.50 -0.85 0.00	24.76 -0.79 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.71 -1.15 0.00	28.00 -0.95 0.00	28.14 -0.93 0.00	29.72 -0.92 0.00	30.67 -0.98 0.00	34.03 -1.16 0.00	34.09 -1.13 0.00	36.49 -1.24 0.00	41.51 -1.42 0.00	47.74 -1.48 0.00	51.06 -1.47 0.00	49.78 -1.38 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	31.02 -0.89 0.00	27.89 -0.77 0.00
NM_CAPITAL___DRP 24208	31.15 0.22 0.00	27.65 0.30 0.00	25.91 0.36 0.00	25.04 0.37 0.00	25.13 0.37 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.45 0.53 0.00	32.75 0.70 -0.19	29.62 0.67 0.00	29.71 0.64 0.00	31.22 0.58 0.00	32.50 0.66 -0.18	36.17 0.84 -0.14	36.14 0.88 -0.04	38.78 1.02 -0.02	44.03 1.03 -0.08	50.60 1.38 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.11 1.04 0.00	40.00 0.90 0.00	32.64 0.73 0.00	29.26 0.60 0.00
NM_CENTRAL___DRP 24181	30.56 -0.37 0.00	26.96 -0.38 0.00	25.17 -0.38 0.00	24.28 -0.39 0.00	24.33 -0.42 0.00	25.96 -0.37 0.00	30.06 -0.49 0.00	32.36 -0.56 0.00	31.34 -0.51 0.00	28.61 -0.35 0.00	28.75 -0.32 0.00	30.39 -0.25 0.00	31.31 -0.35 0.00	34.80 -0.39 0.00	34.83 -0.39 0.00	37.20 -0.53 0.00	42.41 -0.52 0.00	48.72 -0.49 0.00	52.21 -0.32 0.00	50.85 -0.31 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.69 -0.22 0.00	28.46 -0.20 0.00

NM_FRONTIER___DRP 24179	30.10 -0.84 0.00	26.36 -0.98 0.00	24.27 -1.28 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.14 -1.18 0.00	28.29 -2.26 0.00	29.66 -3.26 0.00	28.67 -3.19 0.00	26.87 -2.08 0.00	27.21 -1.86 0.00	29.07 -1.56 0.00	29.31 -2.34 0.00	32.37 -2.81 0.00	32.43 -2.78 0.00	34.07 -3.66 0.00	38.63 -4.29 0.00	44.39 -4.82 0.00	48.12 -4.41 0.00	47.27 -3.89 0.00	42.14 -2.93 0.00	36.88 -2.23 0.00	30.25 -1.66 0.00	27.63 -1.03 0.00
NM_ST_REGIS___HYD 24053	31.86 0.93 0.00	28.22 0.88 0.00	26.16 0.61 0.00	25.29 0.62 0.00	25.55 0.79 0.00	27.14 0.82 0.00	31.58 1.04 0.00	34.04 1.12 0.00	32.49 0.64 0.00	29.22 0.26 0.00	29.24 0.17 0.00	30.79 0.15 0.00	31.50 -0.16 0.00	34.87 -0.32 0.00	34.69 -0.53 0.00	37.20 -0.53 0.00	42.41 -0.52 0.00	48.67 -0.54 0.00	52.16 -0.37 0.00	51.01 -0.15 0.00	45.03 -0.05 0.00	39.14 0.04 0.00	32.10 0.19 0.00	28.97 0.32 0.00
NORTHPORT___1 23551	32.52 1.58 -0.01	28.74 1.39 0.00	26.75 1.20 0.00	25.83 1.16 0.00	25.82 1.06 0.00	27.56 1.24 0.00	31.98 1.44 0.00	34.80 1.88 0.00	35.26 2.39 -1.02	33.87 2.43 -2.48	41.27 2.41 -9.79	42.36 2.14 -9.58	41.48 2.97 -6.86	42.36 3.34 -3.83	42.57 3.35 -4.01	43.33 3.47 -2.13	47.34 3.95 -0.46	53.79 4.52 -0.05	56.84 4.31 -0.01	54.95 3.79 -0.01	48.18 3.11 0.00	42.12 3.01 -0.01	34.79 2.87 -0.01	30.96 2.29 -0.01
NORTHPORT___2 23552	32.52 1.58 -0.01	28.74 1.39 0.00	26.75 1.20 0.00	25.83 1.16 0.00	25.82 1.06 0.00	27.56 1.24 0.00	31.98 1.44 0.00	34.80 1.88 0.00	35.26 2.39 -1.02	33.87 2.43 -2.48	41.27 2.41 -9.79	42.36 2.14 -9.58	41.48 2.97 -6.86	42.36 3.34 -3.83	42.57 3.35 -4.01	43.33 3.47 -2.13	47.34 3.95 -0.46	53.79 4.52 -0.05	56.84 4.31 -0.01	54.95 3.79 -0.01	48.18 3.11 0.00	42.12 3.01 -0.01	34.79 2.87 -0.01	30.96 2.29 -0.01
NORTHPORT___3 23553	32.46 1.52 -0.01	28.69 1.34 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.79 1.04 0.00	27.51 1.19 0.00	31.92 1.38 0.00	34.73 1.81 0.00	35.17 2.29 -1.02	33.77 2.32 -2.50	41.39 2.44 -9.88	42.54 2.24 -9.67	41.48 2.97 -6.86	42.36 3.34 -3.83	42.68 3.45 -4.01	43.49 3.62 -2.14	47.43 4.03 -0.47	53.75 4.48 -0.05	56.69 4.15 -0.01	54.90 3.73 -0.01	48.09 3.02 0.00	42.08 2.97 -0.01	34.69 2.77 -0.01	30.93 2.26 -0.01
NORTHPORT___4 23650	32.46 1.52 -0.01	28.69 1.34 0.00	26.73 1.18 0.00	25.81 1.14 0.00	25.79 1.04 0.00	27.51 1.19 0.00	31.92 1.38 0.00	34.73 1.81 0.00	35.17 2.29 -1.02	33.77 2.32 -2.50	41.39 2.44 -9.88	42.54 2.24 -9.67	41.48 2.97 -6.86	42.36 3.34 -3.83	42.68 3.45 -4.01	43.49 3.62 -2.14	47.43 4.03 -0.47	53.75 4.48 -0.05	56.69 4.15 -0.01	54.90 3.73 -0.01	48.09 3.02 0.00	42.08 2.97 -0.01	34.69 2.77 -0.01	30.93 2.26 -0.01
NORTHPORT___IC 23718	32.52 1.58 -0.01	28.74 1.39 0.00	26.75 1.20 0.00	25.83 1.16 0.00	25.82 1.06 0.00	27.56 1.24 0.00	31.98 1.44 0.00	34.80 1.88 0.00	35.26 2.39 -1.02	33.87 2.43 -2.48	41.13 2.27 -9.79	42.21 1.99 -9.58	41.55 3.04 -6.86	42.32 3.31 -3.83	42.57 3.35 -4.01	43.34 3.47 -2.13	47.34 3.95 -0.46	53.79 4.53 -0.05	56.83 4.31 0.00	55.05 3.89 0.00	48.18 3.11 0.00	42.12 3.01 0.00	34.78 2.87 0.00	31.15 2.49 0.00
NORTH___COUNTRY_ESR 323785	31.24 0.31 0.00	27.68 0.33 0.00	25.83 0.28 0.00	24.99 0.32 0.00	25.13 0.37 0.00	26.74 0.42 0.00	31.12 0.58 0.00	33.54 0.62 0.00	32.11 0.25 0.00	28.90 -0.06 0.00	28.92 -0.14 0.00	30.45 -0.18 0.00	31.34 -0.32 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.23 -0.98 0.00	51.59 -0.94 0.00	50.40 -0.77 0.00	44.44 -0.63 0.00	38.56 -0.55 0.00	31.53 -0.38 0.00	28.34 -0.31 0.00
NPX_GEN_1385_PROXY 323591	32.34 1.39 -0.01	28.63 1.29 0.00	26.67 1.12 0.00	25.73 1.06 0.00	25.75 0.99 0.00	27.46 1.13 0.00	31.86 1.31 0.00	34.76 1.84 0.00	35.20 2.32 -1.02	33.75 2.32 -2.48	40.78 1.92 -9.79	41.81 1.59 -9.58	41.07 2.56 -6.86	41.90 2.89 -3.83	42.00 2.78 -4.01	42.73 2.87 -2.13	46.95 3.56 -0.46	53.84 4.58 -0.05	57.47 4.94 -0.01	55.16 3.99 -0.01	48.77 3.70 0.00	42.28 3.17 -0.01	34.69 2.77 -0.01	30.70 2.03 -0.01
NPX_GEN_CSC 323557	32.43 1.48 -0.01	28.61 1.26 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.67 0.92 0.00	27.46 1.13 0.00	31.80 1.25 0.00	34.66 1.74 0.00	35.23 2.36 -1.02	33.93 2.46 -2.51	41.55 2.56 -9.93	42.86 2.51 -9.72	41.80 3.29 -6.86	42.82 3.80 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	47.99 4.60 -0.47	54.49 5.21 -0.06	57.53 4.99 -0.01	55.62 4.45 -0.01	48.63 3.56 0.00	42.36 3.24 -0.01	34.79 2.87 -0.01	30.90 2.24 -0.01
NSINS_S_GLNS_FALLS 23858	32.20 1.27 0.00	28.50 1.15 0.00	26.57 1.02 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.46 1.13 0.00	31.86 1.31 0.00	34.37 1.45 0.00	33.59 1.56 -0.18	30.40 1.45 0.00	30.20 1.13 0.00	31.71 1.07 0.00	32.73 0.92 -0.16	36.44 1.13 -0.13	36.31 1.06 -0.04	39.04 1.28 -0.02	44.37 1.37 -0.07	51.14 1.92 -0.01	55.21 2.68 0.00	54.03 2.87 0.00	47.73 2.66 0.00	41.33 2.23 0.00	33.60 1.69 0.00	30.21 1.55 0.00
NUCOR_STEEL___DRP 24197	30.90 -0.03 0.00	27.26 -0.08 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.27 -0.05 0.00	30.36 -0.18 0.00	32.69 -0.23 0.00	31.63 -0.22 0.00	28.81 -0.14 0.00	28.95 -0.12 0.00	30.63 0.00 0.00	31.50 -0.16 0.00	35.01 -0.18 0.00	35.00 -0.21 0.00	37.43 -0.30 0.00	42.67 -0.26 0.00	49.12 -0.10 0.00	52.74 0.21 0.00	51.47 0.31 0.00	45.43 0.36 0.00	39.38 0.27 0.00	32.07 0.16 0.00	28.80 0.14 0.00
NUMBER_THREE_WT_PWR 323818	31.92 0.99 0.00	28.25 0.90 0.00	26.24 0.69 0.00	25.31 0.64 0.00	25.42 0.67 0.00	27.09 0.76 0.00	31.46 0.92 0.00	33.88 0.96 0.00	32.52 0.67 0.00	29.36 0.41 0.00	29.33 0.26 0.00	30.60 -0.03 0.00	31.53 -0.13 0.00	35.12 -0.07 0.00	35.00 -0.21 0.00	37.58 -0.15 0.00	42.80 -0.13 0.00	49.46 0.25 0.00	53.37 0.84 0.00	52.29 1.12 0.00	46.15 1.08 0.00	40.01 0.90 0.00	32.51 0.60 0.00	29.43 0.77 0.00
NYISO_LBMP_REFERENCE 24008	30.93 0.00 0.00	27.35 0.00 0.00	25.55 0.00 0.00	24.67 0.00 0.00	24.75 0.00 0.00	26.32 0.00 0.00	30.55 0.00 0.00	32.92 0.00 0.00	31.85 0.00 0.00	28.96 0.00 0.00	29.07 0.00 0.00	30.63 0.00 0.00	31.65 0.00 0.00	35.19 0.00 0.00	35.21 0.00 0.00	37.73 0.00 0.00	42.92 0.00 0.00	49.21 0.00 0.00	52.53 0.00 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.10 0.00 0.00	31.91 0.00 0.00	28.66 0.00 0.00
NYPA_BRENTWD____GT 24164	32.92 1.98 -0.01	29.07 1.72 0.00	27.06 1.51 0.00	26.13 1.46 0.00	26.09 1.34 0.00	27.88 1.55 0.00	32.32 1.77 0.00	35.19 2.27 0.00	35.68 2.80 -1.02	34.32 2.81 -2.56	42.07 2.91 -10.10	43.30 2.79 -9.88	42.12 3.61 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.28 4.37 -2.17	48.40 4.98 -0.50	55.01 5.71 -0.09	58.14 5.57 -0.04	56.22 5.02 -0.04	49.26 4.19 0.00	42.90 3.79 -0.01	35.30 3.38 -0.01	31.39 2.72 -0.01

NYPA_GOWANUS____GT5 24156	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NYPA_GOWANUS____GT6 24157	32.64 1.70 -0.01	28.80 1.45 -0.01	26.91 1.35 -0.01	25.99 1.31 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.88 2.85 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.03	56.62 4.10 0.01	54.84 3.69 0.01	48.13 3.07 0.01	41.60 2.50 0.01	34.62 2.71 0.00	30.90 2.24 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.55 1.61 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.02 1.26 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.70 1.78 0.00	34.96 2.10 -1.01	31.23 2.29 0.01	31.63 2.56 -0.01	33.28 2.63 -0.01	35.80 2.82 -1.33	39.15 3.10 -0.87	40.00 3.31 -1.47	41.37 3.43 -0.21	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.43 3.28 0.01	47.72 2.66 0.01	41.44 2.35 0.01	34.46 2.55 0.00	30.76 2.09 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.55 1.61 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.02 1.26 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.70 1.78 0.00	34.96 2.10 -1.01	31.23 2.29 0.01	31.63 2.56 -0.01	33.28 2.63 -0.01	35.80 2.82 -1.33	39.15 3.10 -0.87	40.00 3.31 -1.47	41.37 3.43 -0.21	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.43 3.28 0.01	47.72 2.66 0.01	41.44 2.35 0.01	34.46 2.55 0.00	30.76 2.09 -0.01
NYPA_KENT____GT 24152	32.58 1.64 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.05 1.29 -0.01	27.48 1.16 0.00	32.01 1.47 0.00	34.80 1.88 0.00	35.10 2.23 -1.02	31.36 2.40 0.00	31.73 2.64 -0.02	33.41 2.76 -0.02	35.91 2.88 -1.38	39.30 3.24 -0.88	40.08 3.38 -1.49	41.53 3.59 -0.22	47.46 4.08 -0.45	53.58 4.33 -0.03	56.51 3.99 0.01	54.73 3.58 0.01	47.99 2.93 0.01	41.56 2.47 0.01	34.53 2.62 0.00	30.82 2.15 -0.01
NYPA_POUCH1____GT 24155	32.67 1.73 -0.01	28.80 1.45 -0.01	26.94 1.38 -0.01	25.96 1.28 -0.01	26.07 1.31 -0.01	27.51 1.19 0.00	32.01 1.47 0.00	34.80 1.88 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.73 2.64 -0.02	33.44 2.79 -0.02	35.68 2.69 -1.33	39.08 3.03 -0.86	39.89 3.20 -1.47	41.30 3.36 -0.21	47.37 3.99 -0.45	53.52 4.28 -0.03	56.51 3.99 0.01	54.73 3.58 0.01	48.04 2.97 0.01	41.52 2.43 0.01	34.65 2.74 0.00	30.93 2.26 -0.01
NYPA_VERNON____GT2 24162	32.52 1.58 -0.01	28.72 1.37 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.71 2.62 -0.02	33.35 2.70 -0.02	35.94 2.91 -1.38	39.34 3.27 -0.88	40.12 3.41 -1.49	41.53 3.59 -0.22	47.41 4.03 -0.45	53.52 4.28 -0.03	56.41 3.89 0.01	54.58 3.43 0.01	47.91 2.84 0.01	41.52 2.43 0.01	34.43 2.52 0.00	30.73 2.06 -0.01
NYPA_VERNON____GT3 24163	32.52 1.58 -0.01	28.72 1.37 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.71 2.62 -0.02	33.35 2.70 -0.02	35.94 2.91 -1.38	39.34 3.27 -0.88	40.12 3.41 -1.49	41.53 3.59 -0.22	47.41 4.03 -0.45	53.52 4.28 -0.03	56.41 3.89 0.01	54.58 3.43 0.01	47.91 2.84 0.01	41.52 2.43 0.01	34.43 2.52 0.00	30.73 2.06 -0.01
NYPA____ASTORIA_CC1 323568	32.49 1.55 -0.01	28.69 1.34 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.46 1.13 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.04 2.17 -1.02	31.30 2.34 0.00	31.67 2.59 -0.02	33.32 2.66 -0.02	35.91 2.88 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.48 3.32 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.40 2.49 0.00	30.70 2.03 -0.01
NYPA____ASTORIA_CC2 323569	32.49 1.55 -0.01	28.69 1.34 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.46 1.13 0.00	31.95 1.41 0.00	34.73 1.81 0.00	35.04 2.17 -1.02	31.30 2.34 0.00	31.67 2.59 -0.02	33.32 2.66 -0.02	35.91 2.88 -1.38	39.27 3.20 -0.88	40.05 3.35 -1.49	41.46 3.51 -0.22	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.48 3.32 0.01	47.77 2.70 0.01	41.44 2.35 0.01	34.40 2.49 0.00	30.70 2.03 -0.01
NYPA____HOLTSVILL 23794	32.67 1.73 -0.01	28.82 1.48 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.89 1.14 0.00	27.67 1.34 0.00	32.07 1.53 0.00	34.93 2.01 0.00	35.42 2.55 -1.02	34.07 2.61 -2.51	41.63 2.64 -9.92	42.88 2.54 -9.71	41.86 3.35 -6.86	42.85 3.84 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.72 4.55 -0.01	48.77 3.70 0.00	42.51 3.40 -0.01	35.01 3.09 -0.01	31.13 2.46 -0.01
NYPA____HELLGATE_GT1 24158	32.55 1.61 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.02 1.26 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.70 1.78 0.00	34.96 2.10 -1.01	31.23 2.29 0.01	31.63 2.56 -0.01	33.28 2.63 -0.01	35.80 2.82 -1.33	39.15 3.10 -0.87	40.00 3.31 -1.47	41.37 3.43 -0.21	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.43 3.28 0.01	47.72 2.66 0.01	41.44 2.35 0.01	34.46 2.55 0.00	30.76 2.09 -0.01
NYPA____HELLGATE_GT2 24159	32.55 1.61 -0.01	28.75 1.39 -0.01	26.89 1.33 -0.01	25.94 1.26 -0.01	26.02 1.26 -0.01	27.48 1.16 0.00	31.95 1.41 0.00	34.70 1.78 0.00	34.96 2.10 -1.01	31.23 2.29 0.01	31.63 2.56 -0.01	33.28 2.63 -0.01	35.80 2.82 -1.33	39.15 3.10 -0.87	40.00 3.31 -1.47	41.37 3.43 -0.21	47.32 3.95 -0.45	53.38 4.13 -0.03	56.25 3.73 0.01	54.43 3.28 0.01	47.72 2.66 0.01	41.44 2.35 0.01	34.46 2.55 0.00	30.76 2.09 -0.01
NYS_BARGE____HYD 23848	30.28 -0.65 0.00	26.53 -0.82 0.00	24.94 -0.61 0.00	23.81 -0.86 0.00	23.86 -0.89 0.00	25.30 -1.03 0.00	28.74 -1.80 0.00	30.29 -2.63 0.00	29.24 -2.61 0.00	27.39 -1.56 0.00	27.67 -1.39 0.00	29.62 -1.01 0.00	30.20 -1.46 0.00	32.97 -2.22 0.00	33.10 -2.11 0.00	34.79 -2.94 0.00	39.53 -3.39 0.00	45.52 -3.69 0.00	49.38 -3.15 0.00	48.60 -2.56 0.00	43.22 -1.85 0.00	37.82 -1.29 0.00	30.92 -0.99 0.00	28.77 0.12 0.00
OAK ORCHARD____HYD 24046	30.75 -0.18 0.00	27.05 -0.30 0.00	25.22 -0.33 0.00	24.25 -0.42 0.00	24.31 -0.44 0.00	25.88 -0.45 0.00	29.66 -0.89 0.00	31.74 -1.18 0.00	30.74 -1.12 0.00	28.38 -0.58 0.00	28.60 -0.47 0.00	30.51 -0.12 0.00	31.31 -0.35 0.00	34.45 -0.74 0.00	34.54 -0.67 0.00	36.64 -1.10 0.00	41.77 -1.16 0.00	48.08 -1.13 0.00	51.79 -0.74 0.00	50.65 -0.51 0.00	44.89 -0.18 0.00	38.99 -0.12 0.00	31.72 -0.19 0.00	28.89 0.23 0.00

OAKDALE___35_KV_LOAD 356122	30.84 -0.09 0.00	27.24 -0.11 0.00	25.40 -0.15 0.00	24.48 -0.20 0.00	24.53 -0.22 0.00	26.14 -0.18 0.00	30.21 -0.34 0.00	32.46 -0.46 0.00	31.44 -0.41 0.00	28.78 -0.17 0.00	28.95 -0.12 0.00	30.63 0.00 0.00	31.53 -0.13 0.00	35.01 -0.18 0.00	35.07 -0.14 0.00	37.66 -0.08 0.00	42.84 -0.09 0.00	49.26 0.05 0.00	52.79 0.26 0.00	51.57 0.41 0.00	45.43 0.36 0.00	39.42 0.31 0.00	32.13 0.22 0.00	28.92 0.26 0.00
OCC_CHEM___DRP 24175	30.13 -0.80 0.00	26.42 -0.93 0.00	24.32 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.35 -2.20 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.26 -1.80 0.00	29.13 -1.50 0.00	29.38 -2.28 0.00	32.44 -2.74 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.21 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.38 -3.79 0.00	42.23 -2.84 0.00	36.95 -2.15 0.00	30.35 -1.56 0.00	27.68 -0.97 0.00
OH_GEN_PROXY 24063	30.10 -0.83 0.00	26.39 -0.96 0.00	24.61 -0.94 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.17 -1.16 0.00	28.59 -1.96 0.00	30.19 -2.73 0.00	29.18 -2.68 0.00	27.31 -1.65 0.00	27.59 -1.48 0.00	29.50 -1.13 0.00	30.10 -1.55 0.00	32.90 -2.29 0.00	33.00 -2.22 0.00	34.68 -3.05 0.00	39.36 -3.56 0.00	45.23 -3.98 0.00	49.01 -3.52 0.00	48.19 -2.97 0.00	42.82 -2.25 0.00	37.46 -1.64 0.00	30.70 -1.21 0.00	28.40 -0.26 0.00
OLIN_CORP_DRP 24177	29.88 -1.05 0.00	26.20 -1.15 0.00	24.73 -0.82 0.00	23.51 -1.16 0.00	23.57 -1.19 0.00	24.98 -1.34 0.00	28.25 -2.29 0.00	29.89 -3.03 0.00	28.86 -2.99 0.00	27.04 -1.91 0.00	27.38 -1.69 0.00	29.26 -1.38 0.00	29.50 -2.15 0.00	32.55 -2.64 0.00	32.64 -2.57 0.00	34.30 -3.43 0.00	38.93 -3.99 0.00	44.74 -4.48 0.00	48.54 -3.99 0.00	47.68 -3.48 0.00	42.50 -2.57 0.00	37.19 -1.92 0.00	30.47 -1.44 0.00	28.09 -0.57 0.00
OLIN_CORP_DSASP 323712	30.13 -0.80 0.00	26.42 -0.93 0.00	24.33 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.44 -2.11 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.24 -1.83 0.00	29.13 -1.50 0.00	29.72 -1.93 0.00	32.41 -2.78 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.20 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.48 -3.68 0.00	42.23 -2.84 0.00	36.99 -2.11 0.00	30.35 -1.56 0.00	28.09 -0.57 0.00
ONEIDA_HERK_LFGE 323681	31.71 0.77 0.00	28.03 0.68 0.00	26.11 0.56 0.00	25.19 0.52 0.00	25.28 0.52 0.00	26.93 0.61 0.00	31.28 0.73 0.00	33.71 0.79 0.00	32.49 0.64 0.00	29.45 0.49 0.00	29.47 0.41 0.00	30.91 0.28 0.00	31.94 0.28 0.00	35.57 0.39 0.00	35.53 0.32 0.00	38.11 0.38 0.00	43.44 0.52 0.00	50.05 0.84 0.00	53.79 1.26 0.00	52.54 1.38 0.00	46.33 1.26 0.00	40.16 1.06 0.00	32.64 0.73 0.00	29.38 0.72 0.00
ONEIDA___115KV_TB4 55905	31.58 0.65 0.00	27.95 0.60 0.00	26.06 0.51 0.00	25.12 0.44 0.00	25.20 0.45 0.00	26.85 0.53 0.00	31.16 0.61 0.00	33.58 0.66 0.00	32.43 0.57 0.00	29.45 0.49 0.00	29.50 0.44 0.00	31.06 0.43 0.00	32.10 0.44 0.00	35.78 0.60 0.00	35.78 0.56 0.00	38.34 0.60 0.00	43.70 0.77 0.00	50.35 1.13 0.00	54.11 1.58 0.00	52.80 1.64 0.00	46.56 1.49 0.00	40.36 1.25 0.00	32.77 0.86 0.00	29.40 0.75 0.00
ONONDAGA_REF_OCCRA 23987	30.66 -0.28 0.00	27.07 -0.27 0.00	25.24 -0.31 0.00	24.35 -0.32 0.00	24.41 -0.35 0.00	26.03 -0.29 0.00	30.15 -0.40 0.00	32.46 -0.46 0.00	31.47 -0.38 0.00	28.69 -0.26 0.00	28.83 -0.23 0.00	30.48 -0.15 0.00	31.40 -0.25 0.00	34.91 -0.28 0.00	34.93 -0.28 0.00	37.35 -0.38 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
ONONDAGA___COGEN 23986	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.30 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.51 -0.12 0.00	31.40 -0.25 0.00	34.94 -0.25 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
ONTARIO___LFGE 23819	31.03 0.09 0.00	27.32 -0.03 0.00	25.45 -0.10 0.00	24.50 -0.17 0.00	24.56 -0.20 0.00	26.25 -0.08 0.00	30.30 -0.25 0.00	32.53 -0.39 0.00	31.41 -0.45 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.83 -0.35 0.00	34.86 -0.35 0.00	37.20 -0.53 0.00	42.32 -0.60 0.00	48.77 -0.44 0.00	52.64 0.11 0.00	51.52 0.36 0.00	45.52 0.45 0.00	39.61 0.51 0.00	32.20 0.29 0.00	29.12 0.46 0.00
ORANGEVILLE_WT_PWR 323706	30.47 -0.46 0.00	26.75 -0.60 0.00	24.94 -0.61 0.00	23.96 -0.72 0.00	23.99 -0.77 0.00	25.51 -0.82 0.00	29.08 -1.47 0.00	30.98 -1.94 0.00	29.69 -2.17 0.00	27.62 -1.33 0.00	27.76 -1.31 0.00	29.62 -1.01 0.00	30.10 -1.55 0.00	32.97 -2.22 0.00	33.10 -2.11 0.00	35.01 -2.72 0.00	39.62 -3.30 0.00	45.72 -3.49 0.00	49.80 -2.73 0.00	49.27 -1.89 0.00	43.81 -1.26 0.00	38.24 -0.86 0.00	31.27 -0.64 0.00	28.74 0.09 0.00
ORANGEVILLE___ESR 323794	30.47 -0.46 0.00	26.75 -0.60 0.00	24.94 -0.61 0.00	23.96 -0.72 0.00	23.99 -0.77 0.00	25.51 -0.82 0.00	29.08 -1.47 0.00	30.98 -1.94 0.00	29.69 -2.17 0.00	27.62 -1.33 0.00	27.76 -1.31 0.00	29.62 -1.01 0.00	30.10 -1.55 0.00	32.97 -2.22 0.00	33.10 -2.11 0.00	35.01 -2.72 0.00	39.62 -3.30 0.00	45.72 -3.49 0.00	49.80 -2.73 0.00	49.27 -1.89 0.00	43.81 -1.26 0.00	38.24 -0.86 0.00	31.27 -0.64 0.00	28.74 0.09 0.00
OSWEGATCHIE___HYD 24044	31.89 0.96 0.00	28.22 0.87 0.00	26.16 0.61 0.00	25.26 0.59 0.00	25.47 0.72 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.91 0.99 0.00	32.46 0.60 0.00	29.24 0.29 0.00	29.24 0.18 0.00	30.66 0.03 0.00	31.50 -0.16 0.00	34.94 -0.24 0.00	34.83 -0.39 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	49.02 -0.20 0.00	52.79 0.26 0.00	51.67 0.51 0.00	45.66 0.58 0.00	39.65 0.55 0.00	32.36 0.45 0.00	29.23 0.57 0.00
OSWEGO___5 23606	30.19 -0.74 0.00	26.69 -0.66 0.00	24.91 -0.64 0.00	24.03 -0.64 0.00	24.11 -0.64 0.00	25.67 -0.66 0.00	29.72 -0.82 0.00	31.96 -0.96 0.00	30.93 -0.92 0.00	28.23 -0.72 0.00	28.34 -0.73 0.00	29.93 -0.70 0.00	30.89 -0.76 0.00	34.31 -0.88 0.00	34.34 -0.88 0.00	36.75 -0.98 0.00	41.85 -1.07 0.00	48.08 -1.13 0.00	51.48 -1.05 0.00	50.14 -1.02 0.00	44.21 -0.86 0.00	38.36 -0.74 0.00	31.24 -0.67 0.00	28.11 -0.55 0.00
OSWEGO___6 23613	30.19 -0.74 0.00	26.69 -0.66 0.00	24.91 -0.64 0.00	24.03 -0.64 0.00	24.11 -0.64 0.00	25.67 -0.66 0.00	29.72 -0.82 0.00	31.96 -0.96 0.00	30.93 -0.92 0.00	28.23 -0.72 0.00	28.34 -0.73 0.00	29.93 -0.70 0.00	30.89 -0.76 0.00	34.31 -0.88 0.00	34.34 -0.88 0.00	36.75 -0.98 0.00	41.85 -1.07 0.00	48.08 -1.13 0.00	51.48 -1.05 0.00	50.14 -1.02 0.00	44.21 -0.86 0.00	38.36 -0.74 0.00	31.24 -0.67 0.00	28.11 -0.55 0.00

OUTOKUMPU-AB___DRP 24206	30.59 -0.34 0.00	26.80 -0.55 0.00	24.91 -0.64 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.56 -0.76 0.00	28.90 -1.65 0.00	30.55 -2.37 0.00	29.46 -2.39 0.00	27.62 -1.33 0.00	27.96 -1.10 0.00	29.90 -0.74 0.00	30.10 -1.55 0.00	33.25 -1.94 0.00	33.38 -1.83 0.00	35.09 -2.64 0.00	39.75 -3.18 0.00	45.82 -3.40 0.00	49.75 -2.78 0.00	48.81 -2.35 0.00	43.49 -1.58 0.00	38.01 -1.09 0.00	31.11 -0.80 0.00	28.43 -0.23 0.00
OXBOW___BTM 323836	30.41 -0.53 0.00	26.64 -0.71 0.00	24.66 -0.90 0.00	23.96 -0.72 0.00	23.99 -0.77 0.00	25.40 -0.92 0.00	28.77 -1.77 0.00	30.19 -2.73 0.00	29.18 -2.68 0.00	27.33 -1.62 0.00	27.64 -1.42 0.00	29.59 -1.04 0.00	30.14 -1.52 0.00	32.90 -2.29 0.00	33.03 -2.18 0.00	34.71 -3.02 0.00	39.36 -3.56 0.00	45.28 -3.94 0.00	49.12 -3.41 0.00	48.30 -2.86 0.00	43.00 -2.07 0.00	37.62 -1.49 0.00	30.79 -1.12 0.00	28.52 -0.14 0.00
OXBOW___ 24026	30.41 -0.53 0.00	26.64 -0.71 0.00	24.66 -0.89 0.00	23.96 -0.72 0.00	23.99 -0.77 0.00	25.40 -0.92 0.00	28.65 -1.89 0.00	30.19 -2.73 0.00	29.18 -2.68 0.00	27.33 -1.62 0.00	27.67 -1.40 0.00	29.59 -1.04 0.00	29.82 -1.84 0.00	32.90 -2.29 0.00	33.03 -2.18 0.00	34.71 -3.02 0.00	39.32 -3.61 0.00	45.28 -3.94 0.00	49.12 -3.41 0.00	48.25 -2.92 0.00	43.00 -2.07 0.00	37.58 -1.53 0.00	30.79 -1.12 0.00	28.11 -0.54 0.00
OXY_CHEM_DSASP 323612	30.13 -0.80 0.00	26.42 -0.93 0.00	24.32 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.35 -2.20 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.26 -1.80 0.00	29.13 -1.50 0.00	29.38 -2.28 0.00	32.44 -2.74 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.21 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.38 -3.79 0.00	42.23 -2.84 0.00	36.95 -2.15 0.00	30.35 -1.56 0.00	27.68 -0.97 0.00
OZONE_PARK_ESR 323760	32.64 1.70 0.00	28.80 1.45 0.00	26.93 1.38 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.61 1.29 0.00	32.26 1.71 0.00	35.03 2.11 0.00	35.35 2.48 -1.02	31.56 2.61 0.00	31.87 2.79 -0.01	33.53 2.88 -0.01	36.37 3.39 -1.33	39.84 3.80 -0.86	40.63 3.94 -1.47	42.12 4.19 -0.20	48.06 4.68 -0.45	54.42 5.17 -0.04	57.31 4.78 0.00	55.51 4.35 0.00	48.68 3.61 0.00	42.19 3.09 0.00	34.59 2.68 0.00	30.98 2.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.13 -0.80 0.00	26.42 -0.93 0.00	24.32 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.35 -2.20 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.26 -1.80 0.00	29.13 -1.50 0.00	29.38 -2.28 0.00	32.44 -2.74 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.21 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.38 -3.79 0.00	42.23 -2.84 0.00	36.95 -2.15 0.00	30.35 -1.56 0.00	27.68 -0.97 0.00
PACKARD___115KV_DUPONT_184 80571	30.13 -0.80 0.00	26.42 -0.93 0.00	24.32 -1.23 0.00	23.76 -0.91 0.00	23.81 -0.94 0.00	25.17 -1.16 0.00	28.35 -2.20 0.00	29.76 -3.16 0.00	28.76 -3.09 0.00	26.96 -2.00 0.00	27.26 -1.80 0.00	29.13 -1.50 0.00	29.38 -2.28 0.00	32.44 -2.74 0.00	32.54 -2.68 0.00	34.18 -3.55 0.00	38.72 -4.21 0.00	44.49 -4.72 0.00	48.28 -4.25 0.00	47.38 -3.79 0.00	42.23 -2.84 0.00	36.95 -2.15 0.00	30.35 -1.56 0.00	27.68 -0.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.51 1.58 0.00	28.71 1.37 0.00	26.85 1.30 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.43 1.11 0.00	31.92 1.37 0.00	34.66 1.74 0.00	34.91 2.04 -1.02	31.21 2.26 0.00	31.54 2.47 0.00	33.18 2.54 0.00	35.80 2.82 -1.33	39.13 3.06 -0.88	39.89 3.20 -1.47	41.30 3.36 -0.22	47.24 3.86 -0.45	53.34 4.08 -0.04	56.21 3.68 0.00	54.44 3.27 0.00	47.73 2.66 0.00	41.41 2.31 0.00	34.40 2.49 0.00	30.81 2.15 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.07 2.13 0.00	29.18 1.83 0.00	27.29 1.74 0.00	26.33 1.65 0.00	26.44 1.68 0.00	27.90 1.58 0.00	32.47 1.92 0.00	35.26 2.34 0.00	35.45 2.58 -1.02	31.68 2.72 0.00	32.04 2.96 0.00	33.70 3.06 0.00	36.34 3.36 -1.33	39.72 3.66 -0.88	40.53 3.84 -1.47	41.95 4.00 -0.22	48.01 4.64 -0.45	54.22 4.97 -0.04	57.15 4.62 0.00	55.41 4.25 0.00	48.54 3.47 0.00	42.08 2.97 0.00	34.94 3.03 0.00	31.32 2.67 0.00
PATROON___115KV_TB1 80586	31.18 0.25 0.00	27.68 0.33 0.00	25.93 0.38 0.00	25.07 0.39 0.00	25.15 0.40 0.00	26.67 0.34 0.00	30.91 0.37 0.00	33.48 0.56 0.00	32.77 0.73 -0.19	29.65 0.69 0.00	29.71 0.64 0.00	31.22 0.58 0.00	32.49 0.66 -0.17	36.17 0.84 -0.14	36.14 0.88 -0.04	38.77 1.02 -0.02	44.03 1.03 -0.07	50.60 1.38 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.15 1.08 0.00	40.00 0.90 0.00	32.64 0.73 0.00	29.26 0.60 0.00
PATTRSNVILLE___SOLAR 323815	31.89 0.96 0.00	28.22 0.87 0.00	26.37 0.82 0.00	25.46 0.79 0.00	25.57 0.82 0.00	27.17 0.84 0.00	31.52 0.98 0.00	33.94 1.02 0.00	32.93 0.92 -0.16	29.68 0.72 0.00	29.65 0.58 0.00	31.12 0.49 0.00	32.30 0.50 -0.14	35.97 0.67 -0.11	35.95 0.70 -0.03	38.62 0.87 -0.02	44.06 1.07 -0.06	50.89 1.67 -0.01	54.63 2.10 0.00	53.41 2.25 0.00	47.15 2.07 0.00	40.87 1.76 0.00	33.28 1.37 0.00	29.83 1.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.28 -0.65 0.00	26.61 -0.74 0.00	24.81 -0.74 0.00	23.83 -0.84 0.00	23.89 -0.87 0.00	25.38 -0.95 0.00	28.80 -1.74 0.00	30.58 -2.34 0.00	29.53 -2.33 0.00	27.62 -1.33 0.00	27.96 -1.10 0.00	29.87 -0.77 0.00	30.17 -1.49 0.00	33.32 -1.86 0.00	33.45 -1.76 0.00	35.20 -2.53 0.00	39.83 -3.09 0.00	45.92 -3.30 0.00	49.85 -2.68 0.00	49.01 -2.15 0.00	43.58 -1.49 0.00	38.01 -1.09 0.00	31.08 -0.83 0.00	28.37 -0.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.26 1.33 0.00	28.50 1.15 0.00	26.68 1.12 0.00	25.76 1.09 0.00	25.87 1.11 0.00	27.43 1.11 0.00	31.95 1.41 0.00	34.57 1.65 0.00	34.29 1.97 -0.46	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	34.78 2.63 -0.50	38.55 3.03 -0.34	39.53 3.06 -1.25	41.11 3.32 -0.06	46.91 3.78 -0.21	53.56 4.33 -0.02	56.68 4.15 0.00	54.95 3.79 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.14 2.23 0.00	30.52 1.86 0.00
PEEKSKILL___ 23653	32.02 1.08 0.00	28.30 0.96 0.00	26.50 0.95 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.19 0.87 0.00	31.68 1.13 0.00	34.30 1.38 0.00	34.68 1.72 -1.11	30.81 1.85 0.00	31.07 2.00 0.00	32.69 2.05 0.00	35.24 2.40 -1.18	38.78 2.78 -0.82	39.50 2.89 -1.39	40.97 3.09 -0.14	46.85 3.44 -0.49	53.14 3.89 -0.04	56.10 3.57 0.00	54.39 3.23 0.00	47.73 2.66 0.00	41.37 2.27 0.00	33.89 1.98 0.00	30.23 1.58 0.00
PGE MADISON___WINDPWR 24146	32.73 1.79 0.00	29.02 1.67 0.00	26.98 1.43 0.00	25.98 1.31 0.00	26.12 1.36 0.00	27.96 1.63 0.00	32.53 1.98 0.00	35.26 2.34 0.00	33.84 2.17 0.18	30.87 1.91 0.00	30.93 1.86 0.00	32.62 1.99 0.00	33.56 2.09 0.18	37.72 2.67 0.13	37.74 2.57 0.04	40.54 2.83 0.02	46.32 3.48 0.08	53.83 4.62 0.01	58.57 6.04 0.00	57.20 6.03 0.00	50.52 5.45 0.00	43.68 4.57 0.00	35.10 3.19 0.00	31.47 2.81 0.00

PIERCEFIELD___HYD 23852	31.86 0.93 0.00	28.19 0.85 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.50 0.74 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.43 0.57 0.00	29.16 0.20 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.40 -0.25 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.09 -0.64 0.00	42.28 -0.64 0.00	48.53 -0.69 0.00	52.00 -0.53 0.00	50.85 -0.31 0.00	44.89 -0.18 0.00	39.07 -0.04 0.00	32.07 0.16 0.00	29.00 0.34 0.00
PINELAWN_CC_1 323563	32.77 1.82 -0.01	28.93 1.59 0.00	26.96 1.40 0.00	26.01 1.33 0.00	26.02 1.26 0.00	27.74 1.42 0.00	32.19 1.65 0.00	35.00 2.08 0.00	35.45 2.58 -1.02	34.33 2.61 -2.77	42.72 2.70 -10.95	43.99 2.63 -10.72	41.90 3.39 -6.86	42.89 3.87 -3.83	43.20 3.98 -4.01	44.10 4.23 -2.14	48.20 4.81 -0.47	54.78 5.51 -0.06	57.85 5.30 -0.01	55.98 4.81 -0.01	49.08 4.01 0.00	42.67 3.56 -0.01	35.05 3.13 -0.01	31.22 2.55 -0.01
PJM_GEN_HTTP_PROXY 323702	32.29 1.36 0.00	28.52 1.18 0.00	26.67 1.12 0.00	25.76 1.08 0.00	25.84 1.09 0.00	27.38 1.05 0.00	31.92 1.38 0.00	34.70 1.78 0.00	35.01 2.13 -1.02	31.24 2.29 0.00	31.52 2.44 -0.01	33.16 2.51 -0.01	35.83 2.91 -1.27	39.36 3.34 -0.83	40.15 3.49 -1.44	41.61 3.70 -0.18	47.50 4.12 -0.45	53.78 4.52 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.73 2.62 0.00	34.24 2.33 0.00	30.55 1.89 0.00
PJM_GEN_KEystone 24065	30.93 0.00 0.00	27.32 -0.03 0.00	25.50 -0.05 0.00	24.58 -0.10 0.00	24.63 -0.12 0.00	26.11 -0.21 0.00	30.15 -0.40 0.00	32.36 -0.56 0.00	30.20 -0.35 1.30	29.13 0.17 0.00	29.36 0.29 0.00	31.09 0.46 0.00	30.82 0.48 1.31	34.66 0.42 0.95	35.55 0.53 0.19	37.80 0.23 0.16	42.50 0.13 0.55	49.32 0.15 0.05	52.69 0.16 0.00	51.47 0.31 0.00	45.34 0.27 0.00	39.38 0.28 0.00	32.26 0.35 0.00	29.20 0.54 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.40 1.45 -0.01	28.66 1.31 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.79 1.04 0.00	27.48 1.16 0.00	31.89 1.34 0.00	34.70 1.78 0.00	35.07 2.20 -1.02	33.49 2.20 -2.34	40.63 2.33 -9.24	41.88 2.21 -9.04	41.45 2.94 -6.86	42.36 3.34 -3.83	42.68 3.45 -4.01	43.53 3.66 -2.14	47.55 4.16 -0.47	53.94 4.68 -0.05	56.95 4.41 -0.01	55.16 3.99 -0.01	48.41 3.34 0.00	42.01 2.89 -0.01	34.57 2.65 -0.01	30.84 2.18 -0.01
PJM_GEN_VFT_PROXY 323633	32.17 1.24 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.63 0.96 0.00	25.72 0.96 0.00	27.24 0.92 0.00	31.80 1.25 0.00	34.57 1.65 0.00	34.91 2.04 -1.02	31.15 2.20 0.00	31.46 2.38 -0.01	33.10 2.45 -0.01	35.89 2.91 -1.33	39.39 3.34 -0.86	40.17 3.49 -1.47	41.59 3.66 -0.20	47.37 3.99 -0.45	53.63 4.38 -0.04	56.36 3.83 0.00	54.59 3.43 0.00	47.91 2.84 0.00	41.57 2.47 0.00	34.11 2.20 0.00	30.41 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	31.61 0.68 0.00	28.00 0.66 0.00	26.14 0.59 0.00	25.29 0.62 0.00	25.42 0.67 0.00	27.06 0.74 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.49 0.64 0.00	29.24 0.29 0.00	29.27 0.20 0.00	30.85 0.21 0.00	31.75 0.09 0.00	35.19 0.00 0.00	34.97 -0.25 0.00	37.47 -0.26 0.00	42.67 -0.26 0.00	48.92 -0.30 0.00	52.32 -0.21 0.00	51.06 -0.10 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.94 0.03 0.00	28.72 0.06 0.00
PLEASANTVLY___LBMP 24000	31.83 0.90 0.00	28.17 0.82 0.00	26.37 0.82 0.00	25.49 0.81 0.00	25.57 0.82 0.00	27.09 0.76 0.00	31.52 0.98 0.00	34.14 1.22 0.00	34.02 1.56 -0.61	30.58 1.62 0.00	30.78 1.71 0.00	32.38 1.75 0.00	34.43 2.12 -0.66	38.03 2.39 -0.45	37.85 2.50 -0.13	40.53 2.72 -0.08	46.21 3.00 -0.28	52.68 3.45 -0.02	55.68 3.15 0.00	54.03 2.87 0.00	47.42 2.34 0.00	41.14 2.03 0.00	33.67 1.76 0.00	30.15 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.17 1.24 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.77 1.01 0.00	27.30 0.97 0.00	31.83 1.28 0.00	34.50 1.58 0.00	34.66 1.91 -0.89	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	35.22 2.63 -0.94	38.83 2.99 -0.65	39.65 3.10 -1.34	41.16 3.32 -0.11	47.02 3.69 -0.40	53.43 4.18 -0.03	56.36 3.83 0.00	54.64 3.48 0.00	47.96 2.88 0.00	41.61 2.50 0.00	34.05 2.14 0.00	30.46 1.81 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.17 1.24 0.00	28.41 1.07 0.00	26.57 1.02 0.00	25.66 0.99 0.00	25.77 1.01 0.00	27.30 0.97 0.00	31.83 1.28 0.00	34.50 1.58 0.00	34.66 1.91 -0.89	30.98 2.03 0.00	31.22 2.15 0.00	32.84 2.21 0.00	35.22 2.63 -0.94	38.83 2.99 -0.65	39.65 3.10 -1.34	41.16 3.32 -0.11	47.02 3.69 -0.40	53.43 4.18 -0.03	56.36 3.83 0.00	54.64 3.48 0.00	47.96 2.88 0.00	41.61 2.50 0.00	34.05 2.14 0.00	30.46 1.81 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.02 1.08 0.00	28.30 0.96 0.00	26.50 0.95 0.00	25.59 0.91 0.00	25.70 0.94 0.00	27.22 0.90 0.00	31.71 1.16 0.00	34.30 1.38 0.00	33.77 1.66 -0.26	30.66 1.71 0.00	30.81 1.74 0.00	32.44 1.81 0.00	34.08 2.15 -0.27	37.84 2.46 -0.19	37.88 2.61 -0.06	40.59 2.83 -0.03	46.21 3.18 -0.11	52.92 3.69 -0.01	56.05 3.52 0.00	54.44 3.27 0.00	47.78 2.70 0.00	41.41 2.31 0.00	33.82 1.91 0.00	30.29 1.63 0.00
POLETTI____ 23519	32.29 1.36 0.00	28.52 1.18 0.00	26.65 1.10 0.00	25.73 1.06 0.00	25.82 1.06 0.00	27.35 1.03 0.00	31.92 1.37 0.00	34.66 1.74 0.00	34.99 2.13 -1.00	31.20 2.26 0.02	31.48 2.41 0.00	33.12 2.48 0.00	36.02 3.04 -1.33	39.45 3.41 -0.86	40.20 3.52 -1.47	41.63 3.70 -0.20	47.46 4.08 -0.45	53.72 4.48 -0.02	56.56 4.04 0.02	54.78 3.63 0.02	48.03 2.97 0.02	41.67 2.58 0.02	34.21 2.30 0.00	30.64 1.98 0.00
POMONA___ESR 323819	31.95 1.02 0.00	28.28 0.93 0.00	26.47 0.92 0.00	25.54 0.86 0.00	25.64 0.89 0.00	27.17 0.84 0.00	31.59 1.04 0.00	34.20 1.28 0.00	32.00 1.66 1.50	30.75 1.80 0.00	30.95 1.89 0.00	32.60 1.96 0.00	32.41 2.28 1.53	36.76 2.67 1.10	37.67 2.78 0.32	40.56 3.02 0.19	45.63 3.35 0.64	52.90 3.74 0.06	56.00 3.47 0.00	54.28 3.12 0.00	47.64 2.57 0.00	41.29 2.19 0.00	33.79 1.88 0.00	30.20 1.55 0.00
PORT_JEFF_3 23555	32.74 1.79 -0.01	28.90 1.56 0.00	26.90 1.35 0.00	25.98 1.31 0.00	25.94 1.19 0.00	27.74 1.42 0.00	32.13 1.59 0.00	35.00 2.08 0.00	35.52 2.64 -1.02	34.16 2.69 -2.51	41.76 2.76 -9.93	43.05 2.70 -9.72	41.99 3.48 -6.86	43.03 4.01 -3.83	43.31 4.08 -4.01	44.17 4.30 -2.14	48.24 4.85 -0.47	54.78 5.51 -0.06	57.90 5.36 -0.01	55.98 4.81 -0.01	48.99 3.92 0.00	42.71 3.60 -0.01	35.11 3.19 -0.01	31.22 2.55 -0.01
PORT_JEFF_4 23616	32.74 1.79 -0.01	28.90 1.56 0.00	26.90 1.35 0.00	25.98 1.31 0.00	25.94 1.19 0.00	27.74 1.42 0.00	32.13 1.59 0.00	35.00 2.08 0.00	35.52 2.64 -1.02	34.16 2.69 -2.51	41.76 2.76 -9.93	43.05 2.70 -9.72	41.99 3.48 -6.86	43.03 4.01 -3.83	43.31 4.08 -4.01	44.17 4.30 -2.14	48.24 4.85 -0.47	54.78 5.51 -0.06	57.90 5.36 -0.01	55.98 4.81 -0.01	48.99 3.92 0.00	42.71 3.60 -0.01	35.11 3.19 -0.01	31.22 2.55 -0.01

PORT_JEFF_IC 23713	32.80 1.86 -0.01	28.93 1.59 0.00	26.93 1.38 0.00	26.01 1.33 0.00	25.97 1.21 0.00	27.77 1.45 0.00	32.16 1.62 0.00	35.03 2.11 0.00	35.55 2.68 -1.02	34.23 2.75 -2.52	41.74 2.70 -9.97	43.02 2.63 -9.75	42.15 3.64 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.29 4.41 -2.14	48.37 4.98 -0.47	54.93 5.66 -0.06	58.05 5.52 0.00	56.23 5.06 0.00	49.13 4.06 0.00	42.82 3.71 0.00	35.16 3.25 0.00	31.41 2.75 0.00
PPL PILGRIM_ST_GT1 24216	32.92 1.98 -0.01	29.07 1.72 0.00	27.06 1.51 0.00	26.13 1.46 0.00	26.09 1.34 0.00	27.88 1.55 0.00	32.32 1.77 0.00	35.19 2.27 0.00	35.68 2.80 -1.02	34.32 2.81 -2.56	42.07 2.91 -10.10	43.30 2.79 -9.88	42.12 3.61 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.28 4.37 -2.17	48.40 4.98 -0.50	55.01 5.71 -0.09	58.14 5.57 -0.04	56.22 5.02 -0.04	49.26 4.19 0.00	42.90 3.79 -0.01	35.30 3.38 -0.01	31.39 2.72 -0.01
PPL PILGRIM_ST_GT2 24217	32.92 1.98 -0.01	29.07 1.72 0.00	27.06 1.51 0.00	26.13 1.46 0.00	26.09 1.34 0.00	27.88 1.55 0.00	32.32 1.77 0.00	35.19 2.27 0.00	35.68 2.80 -1.02	34.32 2.81 -2.56	42.07 2.91 -10.10	43.30 2.79 -9.88	42.12 3.61 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.28 4.37 -2.17	48.40 4.98 -0.50	55.01 5.71 -0.09	58.14 5.57 -0.04	56.22 5.02 -0.04	49.26 4.19 0.00	42.90 3.79 -0.01	35.30 3.38 -0.01	31.39 2.72 -0.01
PPL_SHRM_GT3 24213	32.46 1.52 -0.01	28.63 1.29 0.00	26.65 1.10 0.00	25.73 1.06 0.00	25.70 0.94 0.00	27.48 1.16 0.00	31.83 1.28 0.00	34.70 1.78 0.00	35.26 2.39 -1.02	33.96 2.49 -2.52	41.60 2.59 -9.95	42.88 2.51 -9.73	41.83 3.32 -6.86	42.85 3.84 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.68 4.50 -0.01	48.68 3.61 0.00	42.43 3.32 -0.01	34.82 2.90 -0.01	30.93 2.26 -0.01
PPL_SHRM_GT4 24214	32.46 1.52 -0.01	28.63 1.29 0.00	26.65 1.10 0.00	25.73 1.06 0.00	25.70 0.94 0.00	27.48 1.16 0.00	31.83 1.28 0.00	34.70 1.78 0.00	35.26 2.39 -1.02	33.96 2.49 -2.52	41.60 2.59 -9.95	42.88 2.51 -9.73	41.83 3.32 -6.86	42.85 3.84 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.68 4.50 -0.01	48.68 3.61 0.00	42.43 3.32 -0.01	34.82 2.90 -0.01	30.93 2.26 -0.01
PROJECT___ORANGE 1 24174	30.56 -0.37 0.00	26.99 -0.36 0.00	25.19 -0.36 0.00	24.28 -0.39 0.00	24.36 -0.40 0.00	25.98 -0.34 0.00	30.06 -0.49 0.00	32.36 -0.56 0.00	31.37 -0.48 0.00	28.64 -0.32 0.00	28.78 -0.29 0.00	30.42 -0.21 0.00	31.34 -0.32 0.00	34.83 -0.35 0.00	34.86 -0.35 0.00	37.24 -0.49 0.00	42.41 -0.52 0.00	48.77 -0.44 0.00	52.21 -0.32 0.00	50.91 -0.26 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.72 -0.19 0.00	28.49 -0.17 0.00
PROJECT___ORANGE 2 24166	30.56 -0.37 0.00	26.99 -0.36 0.00	25.19 -0.36 0.00	24.28 -0.39 0.00	24.36 -0.40 0.00	25.98 -0.34 0.00	30.06 -0.49 0.00	32.36 -0.56 0.00	31.37 -0.48 0.00	28.64 -0.32 0.00	28.78 -0.29 0.00	30.42 -0.21 0.00	31.34 -0.32 0.00	34.83 -0.35 0.00	34.86 -0.35 0.00	37.24 -0.49 0.00	42.41 -0.52 0.00	48.77 -0.44 0.00	52.21 -0.32 0.00	50.91 -0.26 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.72 -0.19 0.00	28.49 -0.17 0.00
PUCKETT___SOLAR 323809	31.31 0.37 0.00	27.65 0.30 0.00	25.78 0.23 0.00	24.85 0.17 0.00	24.93 0.17 0.00	26.59 0.26 0.00	30.79 0.24 0.00	33.12 0.20 0.00	31.86 0.13 0.12	29.16 0.20 0.00	29.24 0.18 0.00	30.88 0.24 0.00	31.75 0.22 0.12	35.31 0.21 0.09	35.44 0.25 0.03	38.05 0.34 0.02	43.39 0.52 0.05	50.10 0.89 0.00	53.95 1.42 0.00	52.69 1.53 0.00	46.47 1.40 0.00	40.28 1.17 0.00	32.74 0.83 0.00	29.46 0.80 0.00
PYRITES___HYD 24023	32.39 1.45 0.00	28.69 1.34 0.00	26.55 1.00 0.00	25.66 0.99 0.00	25.92 1.16 0.00	27.53 1.21 0.00	32.04 1.50 0.00	34.43 1.51 0.00	32.78 0.92 0.00	29.39 0.43 0.00	29.39 0.32 0.00	30.88 0.25 0.00	31.69 0.03 0.00	35.08 -0.11 0.00	34.93 -0.28 0.00	37.43 -0.30 0.00	42.75 -0.17 0.00	49.17 -0.05 0.00	52.90 0.37 0.00	51.88 0.72 0.00	45.88 0.81 0.00	39.85 0.74 0.00	32.61 0.70 0.00	29.40 0.75 0.00
QUAKERRD_115KV_BK1 80622	30.10 -0.84 0.00	26.47 -0.88 0.00	24.68 -0.87 0.00	23.79 -0.89 0.00	23.81 -0.94 0.00	25.38 -0.95 0.00	29.11 -1.44 0.00	31.21 -1.71 0.00	30.23 -1.62 0.00	27.83 -1.13 0.00	28.05 -1.02 0.00	29.84 -0.80 0.00	30.48 -1.17 0.00	33.81 -1.37 0.00	33.88 -1.34 0.00	36.00 -1.74 0.00	41.04 -1.89 0.00	47.20 -2.02 0.00	50.80 -1.73 0.00	49.58 -1.59 0.00	43.90 -1.17 0.00	38.13 -0.98 0.00	31.02 -0.89 0.00	27.97 -0.69 0.00
QUENSBRY_115KV_TB8 356137	32.20 1.27 0.00	28.50 1.15 0.00	26.57 1.02 0.00	25.71 1.04 0.00	25.79 1.04 0.00	27.48 1.16 0.00	31.86 1.31 0.00	34.40 1.48 0.00	33.59 1.56 -0.18	30.40 1.45 0.00	30.20 1.13 0.00	31.71 1.07 0.00	32.70 0.89 -0.16	36.41 1.09 -0.13	36.27 1.02 -0.04	39.00 1.25 -0.02	44.37 1.37 -0.07	51.14 1.92 -0.01	55.21 2.68 0.00	54.08 2.92 0.00	47.78 2.70 0.00	41.33 2.23 0.00	33.63 1.72 0.00	30.21 1.55 0.00
RAMAPO___LBMP 323565	31.83 0.90 0.00	28.17 0.82 0.00	26.34 0.79 0.00	25.44 0.76 0.00	25.52 0.77 0.00	27.03 0.71 0.00	31.49 0.95 0.00	34.04 1.12 0.00	31.89 1.47 1.43	30.58 1.62 0.00	30.81 1.74 0.00	32.41 1.78 0.00	32.39 2.18 1.45	36.60 2.46 1.05	37.48 2.57 0.31	40.34 2.79 0.18	45.41 3.09 0.61	52.61 3.45 0.05	55.68 3.15 0.00	54.03 2.87 0.00	47.42 2.34 0.00	41.10 1.99 0.00	33.63 1.72 0.00	30.15 1.49 0.00
RANKINE____ 23646	30.53 -0.40 0.00	26.77 -0.57 0.00	24.99 -0.56 0.00	24.01 -0.67 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	28.96 -1.59 0.00	30.78 -2.14 0.00	29.69 -2.17 0.00	27.77 -1.19 0.00	28.08 -0.99 0.00	30.02 -0.61 0.00	30.26 -1.39 0.00	33.43 -1.76 0.00	33.52 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.00 0.00	46.02 -3.20 0.00	49.96 -2.57 0.00	49.11 -2.05 0.00	43.72 -1.35 0.00	38.17 -0.94 0.00	31.27 -0.64 0.00	28.52 -0.14 0.00
RAVENSWOOD_GT2_1 24244	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.70 1.78 0.00	35.03 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.02	33.16 2.51 -0.02	36.01 2.98 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.64 3.70 -0.22	47.50 4.12 -0.45	53.78 4.53 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.76 2.66 0.00	34.27 2.36 0.00	30.66 2.01 0.00
RAVENSWOOD_GT2_2 24245	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.70 1.78 0.00	35.03 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.02	33.16 2.51 -0.02	36.01 2.98 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.64 3.70 -0.22	47.50 4.12 -0.45	53.78 4.53 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.76 2.66 0.00	34.27 2.36 0.00	30.66 2.01 0.00

RAVENSWOOD_GT2_3 24246	32.36 1.42 0.00	28.58 1.23 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.27 2.32 0.00	31.55 2.47 -0.02	33.19 2.54 -0.02	36.04 3.01 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.68 3.74 -0.22	47.50 4.12 -0.45	53.83 4.58 -0.04	56.68 4.15 0.00	54.90 3.73 0.00	48.18 3.11 0.00	41.80 2.70 0.00	34.27 2.36 0.00	30.69 2.03 0.00
RAVENSWOOD_GT2_4 24247	32.36 1.42 0.00	28.58 1.23 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.73 1.81 0.00	35.03 2.17 -1.02	31.27 2.32 0.00	31.55 2.47 -0.02	33.19 2.54 -0.02	36.04 3.01 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.68 3.74 -0.22	47.50 4.12 -0.45	53.83 4.58 -0.04	56.68 4.15 0.00	54.90 3.73 0.00	48.18 3.11 0.00	41.80 2.70 0.00	34.27 2.36 0.00	30.69 2.03 0.00
RAVENSWOOD_GT3_1 24248	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.70 1.78 0.00	35.03 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.02	33.16 2.51 -0.02	36.01 2.98 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.64 3.70 -0.22	47.50 4.12 -0.45	53.78 4.53 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.76 2.66 0.00	34.27 2.36 0.00	30.66 2.01 0.00
RAVENSWOOD_GT3_2 24249	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44 0.00	34.70 1.78 0.00	35.03 2.17 -1.02	31.24 2.29 0.00	31.52 2.44 -0.02	33.16 2.51 -0.02	36.01 2.98 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.64 3.70 -0.22	47.50 4.12 -0.45	53.78 4.53 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.76 2.66 0.00	34.27 2.36 0.00	30.66 2.01 0.00
RAVENSWOOD_GT3_3 24250	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.10 2.23 -1.02	31.30 2.35 0.00	31.58 2.50 -0.02	33.22 2.57 -0.02	36.07 3.04 -1.38	39.48 3.41 -0.88	40.26 3.56 -1.49	41.72 3.77 -0.22	47.58 4.21 -0.45	53.88 4.63 -0.04	56.73 4.20 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.30 2.39 0.00	30.72 2.06 0.00
RAVENSWOOD_GT3_4 24251	32.39 1.45 0.00	28.60 1.26 0.00	26.73 1.18 0.00	25.81 1.13 0.00	25.89 1.14 0.00	27.43 1.11 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.10 2.23 -1.02	31.30 2.35 0.00	31.58 2.50 -0.02	33.22 2.57 -0.02	36.07 3.04 -1.38	39.48 3.41 -0.88	40.26 3.56 -1.49	41.72 3.77 -0.22	47.58 4.21 -0.45	53.88 4.63 -0.04	56.73 4.20 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.30 2.39 0.00	30.72 2.06 0.00
RAVENSWOOD_GT_1 23729	32.51 1.58 0.00	28.71 1.37 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.70 2.62 -0.02	33.35 2.70 -0.02	36.01 2.98 -1.38	39.34 3.27 -0.88	40.12 3.42 -1.49	41.53 3.58 -0.22	47.41 4.03 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.64 3.48 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.43 2.52 0.00	30.84 2.18 0.00
RAVENSWOOD_GT_10 24258	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.98 1.44																	

RAVENSWOOD___1 23533	32.52 1.58 -0.01	28.72 1.37 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.71 2.62 -0.02	33.35 2.70 -0.02	35.94 2.91 -1.38	39.34 3.27 -0.88	40.12 3.41 -1.49	41.53 3.59 -0.22	47.41 4.03 -0.45	53.52 4.28 -0.03	56.41 3.89 0.01	54.58 3.43 0.01	47.91 2.84 0.01	41.52 2.43 0.01	34.43 2.52 0.00	30.73 2.06 -0.01
RAVENSWOOD___2 23534	32.52 1.58 -0.01	28.72 1.37 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.71 2.62 -0.02	33.35 2.70 -0.02	35.94 2.91 -1.38	39.34 3.27 -0.88	40.12 3.41 -1.49	41.53 3.59 -0.22	47.41 4.03 -0.45	53.52 4.28 -0.03	56.41 3.89 0.01	54.58 3.43 0.01	47.91 2.84 0.01	41.52 2.43 0.01	34.43 2.52 0.00	30.73 2.06 -0.01
RAVENSWOOD___3 23535	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.87 1.11 0.00	27.40 1.08 0.00	31.95 1.41 0.00	34.70 1.78 0.00	35.04 2.17 -1.02	31.24 2.29 0.00	31.55 2.47 -0.02	33.19 2.54 -0.02	35.94 2.91 -1.38	39.41 3.34 -0.88	40.19 3.49 -1.49	41.65 3.70 -0.22	47.50 4.12 -0.45	53.78 4.52 -0.04	56.63 4.10 0.00	54.85 3.69 0.00	48.14 3.07 0.00	41.77 2.66 0.00	34.27 2.36 0.00	30.58 1.92 0.00
RAVENSWOOD___4 23820	32.52 1.58 -0.01	28.72 1.37 -0.01	26.84 1.28 -0.01	25.91 1.23 -0.01	26.00 1.24 -0.01	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.71 2.62 -0.02	33.35 2.70 -0.02	35.94 2.91 -1.38	39.34 3.27 -0.88	40.12 3.41 -1.49	41.53 3.59 -0.22	47.41 4.03 -0.45	53.52 4.28 -0.03	56.41 3.89 0.01	54.58 3.43 0.01	47.91 2.84 0.01	41.52 2.43 0.01	34.43 2.52 0.00	30.73 2.06 -0.01
RCPL_TRUST___DRP 24196	32.36 1.42 0.00	28.58 1.23 0.00	26.73 1.18 0.00	25.78 1.11 0.00	25.89 1.14 0.00	27.40 1.08 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.10 2.23 -1.02	31.33 2.37 0.00	31.61 2.53 -0.01	33.25 2.60 -0.01	35.99 3.07 -1.27	39.46 3.45 -0.83	40.25 3.59 -1.44	41.73 3.81 -0.18	47.63 4.25 -0.45	53.93 4.68 -0.04	56.78 4.25 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.80 2.70 0.00	34.27 2.36 0.00	30.69 2.03 0.00
RED___ROCHESTER 323720	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.87 -0.67 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.83 -0.23 0.00	30.79 0.15 0.00	31.59 -0.06 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	36.98 -0.75 0.00	42.24 -0.69 0.00	48.63 -0.59 0.00	52.37 -0.16 0.00	51.21 0.05 0.00	45.34 0.27 0.00	39.38 0.28 0.00	31.97 0.06 0.00	29.09 0.43 0.00
REGAN___SOLAR 323812	32.97 2.04 0.00	29.18 1.83 0.00	27.19 1.64 0.00	26.28 1.60 0.00	26.41 1.66 0.00	28.14 1.81 0.00	32.59 2.05 0.00	34.96 2.04 0.00	33.58 1.59 -0.13	30.00 1.04 0.00	29.71 0.64 0.00	31.03 0.40 0.00	32.03 0.25 -0.12	35.74 0.46 -0.10	35.77 0.53 -0.03	38.62 0.87 -0.02	44.26 1.29 -0.05	51.63 2.41 0.00	56.15 3.62 0.00	55.36 4.20 0.00	48.90 3.83 0.00	42.35 3.24 0.00	34.40 2.49 0.00	30.87 2.21 0.00
RENSSELAER___COGEN 23796	31.03 0.09 0.00	27.51 0.17 0.00	25.81 0.26 0.00	24.95 0.27 0.00	25.03 0.27 0.00	26.51 0.19 0.00	30.73 0.18 0.00	33.28 0.36 0.00	32.58 0.54 -0.19	29.48 0.52 0.00	29.53 0.46 0.00	31.03 0.40 0.00	32.27 0.44 -0.18	35.96 0.63 -0.14	35.92 0.67 -0.04	38.55 0.79 -0.02	43.81 0.81 -0.07	50.30 1.08 -0.01	53.53 1.00 0.00	52.08 0.92 0.00	45.88 0.81 0.00	39.77 0.66 0.00	32.45 0.54 0.00	29.06 0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.59 2.66 0.00	29.75 2.41 0.00	27.65 2.10 0.00	26.77 2.10 0.00	26.88 2.13 0.00	28.69 2.37 0.00	33.17 2.63 0.00	35.82 2.90 0.00	34.90 2.87 -0.18	31.59 2.63 0.00	31.33 2.27 0.00	32.78 2.14 0.00	33.62 1.80 -0.16	37.57 2.25 -0.13	37.33 2.08 -0.04	40.17 2.41 -0.02	45.61 2.62 -0.07	52.72 3.49 -0.01	57.21 4.68 0.00	56.38 5.22 0.00	49.94 4.87 0.00	43.21 4.11 0.00	35.01 3.10 0.00	31.47 2.81 0.00
REVERE_CPPR_DRP 24186	31.92 0.99 0.00	28.25 0.90 0.00	26.32 0.77 0.00	25.36 0.69 0.00	25.45 0.69 0.00	27.11 0.79 0.00	31.46 0.92 0.00	33.94 1.02 0.00	32.71 0.86 0.00	29.68 0.72 0.00	29.71 0.64 0.00	31.25 0.61 0.00	32.26 0.60 0.00	36.00 0.81 0.00	35.95 0.74 0.00	38.56 0.83 0.00	44.00 1.07 0.00	50.74 1.53 0.00	54.63 2.10 0.00	53.36 2.20 0.00	47.06 1.98 0.00	40.75 1.64 0.00	33.06 1.15 0.00	29.66 1.00 0.00
REYNLDPA_13_KV_LD 356490	31.46 0.53 0.00	27.84 0.49 0.00	25.93 0.38 0.00	25.07 0.39 0.00	25.20 0.45 0.00	26.80 0.47 0.00	31.16 0.61 0.00	33.61 0.69 0.00	32.24 0.38 0.00	29.07 0.12 0.00	29.12 0.06 0.00	30.69 0.06 0.00	31.62 -0.03 0.00	35.08 -0.11 0.00	34.97 -0.24 0.00	37.47 -0.26 0.00	42.67 -0.26 0.00	48.82 -0.40 0.00	52.11 -0.42 0.00	50.81 -0.36 0.00	44.80 -0.27 0.00	38.87 -0.23 0.00	31.81 -0.10 0.00	28.63 -0.03 0.00
REYNOLDS_115KV_TB3 80639	31.24 0.31 0.00	27.70 0.36 0.00	25.99 0.43 0.00	25.12 0.44 0.00	25.20 0.45 0.00	26.72 0.39 0.00	31.00 0.46 0.00	33.51 0.59 0.00	32.85 0.80 -0.20	29.71 0.75 0.00	29.79 0.73 0.00	31.31 0.67 0.00	32.63 0.79 -0.18	36.28 0.95 -0.15	36.28 1.02 -0.04	38.93 1.17 -0.03	44.20 1.20 -0.08	50.80 1.57 -0.01	54.05 1.52 0.00	52.54 1.38 0.00	46.29 1.22 0.00	40.12 1.02 0.00	32.74 0.83 0.00	29.37 0.72 0.00
RIVERBAY____ 323610	33.07 2.13 0.00	29.18 1.83 0.00	27.29 1.74 0.00	26.33 1.65 0.00	26.44 1.68 0.00	27.90 1.58 0.00	32.47 1.92 0.00	35.26 2.34 0.00	35.45 2.58 -1.02	31.68 2.72 0.00	32.04 2.96 0.00	33.70 3.06 0.00	36.34 3.36 -1.33	39.72 3.66 -0.88	40.53 3.84 -1.47	41.95 4.00 -0.22	48.01 4.64 -0.45	54.22 4.97 -0.04	57.15 4.62 0.00	55.41 4.25 0.00	48.54 3.47 0.00	42.08 2.97 0.00	34.94 3.03 0.00	31.32 2.67 0.00
RIVERSDE_115KV_TB3 55908	31.15 0.22 0.00	27.65 0.30 0.00	25.91 0.36 0.00	25.04 0.37 0.00	25.13 0.37 0.00	26.64 0.32 0.00	30.91 0.37 0.00	33.45 0.53 0.00	32.75 0.70 -0.19	29.62 0.67 0.00	29.71 0.64 0.00	31.22 0.58 0.00	32.50 0.66 -0.18	36.17 0.84 -0.14	36.14 0.88 -0.04	38.78 1.02 -0.02	44.03 1.03 -0.08	50.60 1.38 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.11 1.04 0.00	40.00 0.90 0.00	32.64 0.73 0.00	29.26 0.60 0.00
ROARING___BROOK_WT_PWR 323790	30.81 -0.12 0.00	27.24 -0.11 0.00	25.42 -0.13 0.00	24.55 -0.12 0.00	24.63 -0.12 0.00	26.19 -0.13 0.00	30.42 -0.12 0.00	32.79 -0.13 0.00	31.69 -0.16 0.00	28.75 -0.20 0.00	28.83 -0.23 0.00	30.33 -0.31 0.00	31.24 -0.41 0.00	34.66 -0.53 0.00	34.58 -0.63 0.00	37.05 -0.68 0.00	42.15 -0.77 0.00	48.38 -0.84 0.00	51.69 -0.84 0.00	50.40 -0.77 0.00	44.44 -0.63 0.00	38.56 -0.55 0.00	31.49 -0.42 0.00	28.32 -0.34 0.00

ROCHESRG_115KV_T4 355643	30.62 -0.31 0.00	26.94 -0.41 0.00	25.12 -0.43 0.00	24.18 -0.49 0.00	24.23 -0.52 0.00	25.77 -0.55 0.00	29.48 -1.07 0.00	31.57 -1.35 0.00	30.58 -1.27 0.00	28.23 -0.72 0.00	28.49 -0.58 0.00	30.33 -0.31 0.00	30.93 -0.73 0.00	34.27 -0.91 0.00	34.33 -0.88 0.00	36.41 -1.32 0.00	41.51 -1.42 0.00	47.74 -1.48 0.00	51.43 -1.10 0.00	50.29 -0.87 0.00	44.58 -0.50 0.00	38.75 -0.35 0.00	31.56 -0.35 0.00	28.52 -0.14 0.00
ROCHESTER_9_IC 23652	30.81 -0.12 0.00	27.10 -0.25 0.00	25.24 -0.31 0.00	24.30 -0.37 0.00	24.36 -0.40 0.00	25.93 -0.39 0.00	29.66 -0.89 0.00	31.83 -1.09 0.00	30.83 -1.02 0.00	28.46 -0.49 0.00	28.72 -0.35 0.00	30.60 -0.03 0.00	31.21 -0.44 0.00	34.59 -0.60 0.00	34.65 -0.56 0.00	36.75 -0.98 0.00	41.94 -0.99 0.00	48.28 -0.94 0.00	51.95 -0.58 0.00	50.80 -0.36 0.00	45.03 -0.05 0.00	39.10 0.00 0.00	31.81 -0.10 0.00	28.72 0.06 0.00
ROCKVIEW_13_KV_LD 356306	32.33 1.39 0.00	28.55 1.20 0.00	26.70 1.15 0.00	25.78 1.11 0.00	25.89 1.14 0.00	27.43 1.11 0.00	31.98 1.44 0.00	34.66 1.74 0.00	35.00 2.13 -1.02	31.18 2.23 0.00	31.45 2.38 0.00	33.08 2.45 0.00	35.63 2.91 -1.07	39.20 3.27 -0.74	40.00 3.42 -1.37	41.48 3.62 -0.13	47.41 4.03 -0.45	53.83 4.58 -0.04	56.73 4.20 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.84 2.74 0.00	34.24 2.33 0.00	30.64 1.98 0.00
ROME____115KV_TB2 80656	31.92 0.99 0.00	28.25 0.90 0.00	26.32 0.77 0.00	25.36 0.69 0.00	25.45 0.69 0.00	27.11 0.79 0.00	31.46 0.92 0.00	33.94 1.02 0.00	32.71 0.86 0.00	29.68 0.72 0.00	29.71 0.64 0.00	31.25 0.61 0.00	32.26 0.60 0.00	36.00 0.81 0.00	35.95 0.74 0.00	38.56 0.83 0.00	44.00 1.07 0.00	50.74 1.53 0.00	54.63 2.10 0.00	53.36 2.20 0.00	47.06 1.98 0.00	40.75 1.64 0.00	33.06 1.15 0.00	29.66 1.00 0.00
ROSETON___1 23587	31.58 0.65 0.00	27.95 0.60 0.00	26.16 0.61 0.00	25.24 0.57 0.00	25.35 0.59 0.00	26.88 0.55 0.00	31.25 0.70 0.00	33.77 0.85 0.00	32.26 1.11 0.71	30.20 1.24 0.00	30.40 1.34 0.00	31.98 1.35 0.00	32.56 1.61 0.71	36.53 1.86 0.52	37.03 1.97 0.15	39.79 2.15 0.09	45.03 2.40 0.30	51.89 2.71 0.03	55.05 2.52 0.00	53.47 2.30 0.00	46.92 1.85 0.00	40.71 1.60 0.00	33.28 1.37 0.00	29.75 1.09 0.00
ROSETON___2 23588	31.58 0.65 0.00	27.95 0.60 0.00	26.16 0.61 0.00	25.24 0.57 0.00	25.35 0.59 0.00	26.88 0.55 0.00	31.25 0.70 0.00	33.77 0.85 0.00	32.26 1.11 0.71	30.20 1.24 0.00	30.40 1.34 0.00	31.98 1.35 0.00	32.56 1.61 0.71	36.53 1.86 0.52	37.03 1.97 0.15	39.79 2.15 0.09	45.03 2.40 0.30	51.89 2.71 0.03	55.05 2.52 0.00	53.47 2.30 0.00	46.92 1.85 0.00	40.71 1.60 0.00	33.28 1.37 0.00	29.75 1.09 0.00
ROTTTRDAM_115KV_TB3 80664	31.55 0.62 0.00	27.92 0.57 0.00	26.09 0.54 0.00	25.22 0.54 0.00	25.30 0.54 0.00	26.88 0.55 0.00	31.19 0.64 0.00	33.64 0.72 0.00	32.81 0.80 -0.16	29.71 0.75 0.00	29.76 0.70 0.00	31.31 0.67 0.00	32.57 0.76 -0.15	36.19 0.88 -0.12	36.17 0.92 -0.04	38.81 1.06 -0.02	44.15 1.16 -0.06	50.75 1.53 -0.01	54.21 1.68 0.00	52.85 1.69 0.00	46.56 1.49 0.00	40.36 1.25 0.00	32.93 1.02 0.00	29.55 0.89 0.00
RUSSELL___1 23602	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.86 -0.20 0.00	30.79 0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	37.01 -0.72 0.00	42.24 -0.69 0.00	48.62 -0.59 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.34 0.27 0.00	39.38 0.27 0.00	31.97 0.06 0.00	28.86 0.20 0.00
RUSSELL___2 23532	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.86 -0.20 0.00	30.79 0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	37.01 -0.72 0.00	42.24 -0.69 0.00	48.62 -0.59 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.34 0.27 0.00	39.38 0.27 0.00	31.97 0.06 0.00	28.86 0.20 0.00
RUSSELL___3 23549	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.86 -0.20 0.00	30.79 0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	37.01 -0.72 0.00	42.24 -0.69 0.00	48.62 -0.59 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.34 0.27 0.00	39.38 0.27 0.00	31.97 0.06 0.00	28.86 0.20 0.00
RUSSELL___4 23556	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.86 -0.20 0.00	30.79 0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	37.01 -0.72 0.00	42.24 -0.69 0.00	48.62 -0.59 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.34 0.27 0.00	39.38 0.27 0.00	31.97 0.06 0.00	28.86 0.20 0.00
RUSSELL___STATION 23914	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.86 -0.20 0.00	30.79 0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	37.01 -0.72 0.00	42.24 -0.69 0.00	48.62 -0.59 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.34 0.27 0.00	39.38 0.27 0.00	31.97 0.06 0.00	28.86 0.20 0.00
S SALMON___HYD 24043	30.96 0.03 0.00	27.37 0.03 0.00	25.53 -0.03 0.00	24.60 -0.07 0.00	24.68 -0.07 0.00	26.32 0.00 0.00	30.52 -0.03 0.00	32.82 -0.10 0.00	31.66 -0.19 0.00	28.78 -0.17 0.00	28.83 -0.23 0.00	30.39 -0.25 0.00	31.34 -0.32 0.00	34.83 -0.35 0.00	34.79 -0.42 0.00	37.28 -0.45 0.00	42.37 -0.56 0.00	48.82 -0.40 0.00	52.53 0.00 0.00	51.37 0.21 0.00	45.34 0.27 0.00	39.26 0.16 0.00	32.01 0.10 0.00	28.80 0.14 0.00
S.PERRY__115KV_TB1 80734	31.74 0.80 0.00	27.87 0.52 0.00	25.93 0.38 0.00	24.95 0.27 0.00	24.95 0.20 0.00	26.69 0.37 0.00	30.55 0.00 0.00	32.59 -0.33 0.00	31.18 -0.67 0.00	28.61 -0.35 0.00	28.72 -0.35 0.00	30.54 -0.09 0.00	31.05 -0.60 0.00	34.41 -0.77 0.00	34.55 -0.67 0.00	36.75 -0.98 0.00	42.02 -0.90 0.00	48.62 -0.59 0.00	53.06 0.53 0.00	52.39 1.23 0.00	46.65 1.58 0.00	40.43 1.33 0.00	32.80 0.89 0.00	29.58 0.92 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.41 -0.53 0.00	26.66 -0.68 0.00	24.86 -0.69 0.00	23.93 -0.74 0.00	23.99 -0.77 0.00	25.43 -0.90 0.00	28.77 -1.77 0.00	30.52 -2.40 0.00	29.46 -2.39 0.00	27.59 -1.36 0.00	27.90 -1.16 0.00	29.84 -0.80 0.00	30.10 -1.55 0.00	33.22 -1.97 0.00	33.31 -1.90 0.00	35.05 -2.68 0.00	39.71 -3.22 0.00	45.67 -3.54 0.00	49.59 -2.94 0.00	48.71 -2.46 0.00	43.40 -1.67 0.00	37.89 -1.21 0.00	31.05 -0.86 0.00	28.34 -0.32 0.00

SAWYER___23_KV_LOAD 55526	30.41 -0.53 0.00	26.66 -0.68 0.00	24.86 -0.69 0.00	23.93 -0.74 0.00	23.99 -0.77 0.00	25.43 -0.90 0.00	28.77 -1.77 0.00	30.52 -2.40 0.00	29.46 -2.39 0.00	27.59 -1.36 0.00	27.90 -1.16 0.00	29.84 -0.80 0.00	30.10 -1.55 0.00	33.22 -1.97 0.00	33.31 -1.90 0.00	35.05 -2.68 0.00	39.71 -3.22 0.00	45.67 -3.54 0.00	49.59 -2.94 0.00	48.71 -2.46 0.00	43.40 -1.67 0.00	37.89 -1.21 0.00	31.05 -0.86 0.00	28.34 -0.32 0.00
SELKIRK___I 23801	31.31 0.37 0.00	27.78 0.44 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.22 0.47 0.00	26.80 0.47 0.00	31.03 0.49 0.00	33.51 0.59 0.00	32.68 0.67 -0.16	29.56 0.61 0.00	29.62 0.55 0.00	31.12 0.49 0.00	32.34 0.54 -0.15	36.01 0.70 -0.12	35.99 0.74 -0.03	38.58 0.83 -0.02	43.89 0.90 -0.06	50.45 1.23 -0.01	53.79 1.26 0.00	52.44 1.28 0.00	46.20 1.13 0.00	40.08 0.98 0.00	32.74 0.83 0.00	29.35 0.69 0.00
SELKIRK___II 23799	31.15 0.22 0.00	27.59 0.25 0.00	25.86 0.31 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.61 0.29 0.00	30.85 0.31 0.00	33.35 0.43 0.00	32.63 0.60 -0.18	29.53 0.58 0.00	29.65 0.58 0.00	31.15 0.52 0.00	32.42 0.60 -0.17	36.09 0.77 -0.13	36.10 0.84 -0.04	38.70 0.94 -0.02	43.98 0.99 -0.07	50.50 1.28 -0.01	53.74 1.21 0.00	52.29 1.12 0.00	46.02 0.95 0.00	39.93 0.82 0.00	32.58 0.67 0.00	29.20 0.54 0.00
SENECA OSWGO___HYD 24041	30.38 -0.56 0.00	26.83 -0.52 0.00	25.04 -0.51 0.00	24.15 -0.52 0.00	24.21 -0.54 0.00	25.82 -0.50 0.00	29.94 -0.61 0.00	32.20 -0.72 0.00	31.18 -0.67 0.00	28.43 -0.52 0.00	28.54 -0.52 0.00	30.17 -0.46 0.00	31.12 -0.54 0.00	34.55 -0.63 0.00	34.58 -0.63 0.00	37.01 -0.72 0.00	42.15 -0.77 0.00	48.48 -0.74 0.00	51.95 -0.58 0.00	50.60 -0.56 0.00	44.62 -0.45 0.00	38.68 -0.43 0.00	31.49 -0.42 0.00	28.32 -0.34 0.00
SENECA___115KV_TB3 355854	30.56 -0.37 0.00	26.80 -0.55 0.00	25.01 -0.54 0.00	24.06 -0.62 0.00	24.11 -0.64 0.00	25.59 -0.74 0.00	29.02 -1.53 0.00	30.85 -2.07 0.00	29.72 -2.13 0.00	27.83 -1.13 0.00	28.14 -0.93 0.00	30.08 -0.55 0.00	30.32 -1.33 0.00	33.46 -1.72 0.00	33.59 -1.62 0.00	35.35 -2.38 0.00	40.01 -2.92 0.00	46.07 -3.15 0.00	50.06 -2.47 0.00	49.22 -1.94 0.00	43.81 -1.26 0.00	38.24 -0.86 0.00	31.30 -0.61 0.00	28.54 -0.11 0.00
SENECA___ENERGY 23797	30.75 -0.18 0.00	27.10 -0.25 0.00	25.27 -0.28 0.00	24.33 -0.35 0.00	24.38 -0.37 0.00	26.06 -0.26 0.00	30.15 -0.40 0.00	32.36 -0.56 0.00	31.31 -0.54 0.00	28.64 -0.32 0.00	28.78 -0.29 0.00	30.54 -0.09 0.00	31.40 -0.25 0.00	34.77 -0.42 0.00	34.83 -0.39 0.00	37.20 -0.53 0.00	42.37 -0.56 0.00	48.77 -0.44 0.00	52.48 -0.05 0.00	51.26 0.10 0.00	45.21 0.14 0.00	39.26 0.16 0.00	31.94 0.03 0.00	28.83 0.17 0.00
SHOEMAKER___GT 23640	31.61 0.68 0.00	27.95 0.60 0.00	26.16 0.61 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.88 0.55 0.00	31.25 0.70 0.00	33.74 0.82 0.00	31.84 1.05 1.06	30.11 1.16 0.00	30.29 1.22 0.00	31.86 1.23 0.00	32.04 1.46 1.08	36.13 1.72 0.78	36.82 1.83 0.23	39.59 2.00 0.14	44.74 2.27 0.45	51.78 2.61 0.04	55.00 2.47 0.00	53.47 2.30 0.00	46.96 1.89 0.00	40.71 1.60 0.00	33.25 1.34 0.00	29.75 1.09 0.00
SHOEMAKR_138KV_BK 111 55601	31.61 0.68 0.00	27.95 0.60 0.00	26.16 0.61 0.00	25.24 0.57 0.00	25.32 0.57 0.00	26.88 0.55 0.00	31.25 0.70 0.00	33.74 0.82 0.00	31.90 1.08 1.03	30.14 1.19 0.00	30.32 1.25 0.00	31.89 1.26 0.00	32.16 1.55 1.05	36.19 1.76 0.76	36.86 1.87 0.22	39.64 2.04 0.13	44.80 2.32 0.44	51.83 2.66 0.04	55.00 2.47 0.00	53.46 2.30 0.00	46.97 1.89 0.00	40.71 1.60 0.00	33.25 1.34 0.00	29.80 1.15 0.00
SHOREHAM_IC_1 23715	32.46 1.52 -0.01	28.63 1.29 0.00	26.65 1.10 0.00	25.73 1.06 0.00	25.70 0.94 0.00	27.48 1.16 0.00	31.83 1.28 0.00	34.70 1.78 0.00	35.26 2.39 -1.02	33.96 2.49 -2.52	41.60 2.59 -9.95	42.88 2.51 -9.73	41.83 3.32 -6.86	42.85 3.84 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.64 5.09 -0.01	55.68 4.50 -0.01	48.68 3.61 0.00	42.43 3.32 -0.01	34.82 2.90 -0.01	30.93 2.26 -0.01
SHOREHAM_IC_2 23716	32.46 1.52 -0.01	28.63 1.29 0.00	26.65 1.10 0.00	25.73 1.06 0.00	25.70 0.94 0.00	27.48 1.16 0.00	31.86 1.31 0.00	34.70 1.78 0.00	35.26 2.39 -1.02	33.96 2.49 -2.52	41.45 2.44 -9.95	42.76 2.39 -9.73	41.87 3.36 -6.86	42.85 3.84 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	48.03 4.64 -0.47	54.54 5.27 -0.06	57.63 5.10 0.00	55.77 4.60 0.00	48.68 3.61 0.00	42.43 3.32 0.00	34.81 2.90 0.00	31.07 2.41 0.00
SISSONVILLE____ 23735	31.86 0.93 0.00	28.19 0.85 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.50 0.74 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.43 0.57 0.00	29.16 0.20 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.40 -0.25 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.09 -0.64 0.00	42.28 -0.64 0.00	48.53 -0.69 0.00	52.00 -0.53 0.00	50.85 -0.31 0.00	44.89 -0.18 0.00	39.07 -0.04 0.00	32.07 0.16 0.00	29.00 0.34 0.00
SITHE_IND_GS1 24169	29.97 -0.96 0.00	26.50 -0.85 0.00	24.73 -0.82 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.67 -1.18 0.00	28.00 -0.95 0.00	28.11 -0.96 0.00	29.72 -0.92 0.00	30.64 -1.01 0.00	34.03 -1.16 0.00	34.05 -1.16 0.00	36.45 -1.28 0.00	41.51 -1.42 0.00	47.69 -1.53 0.00	51.00 -1.53 0.00	49.73 -1.43 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	30.98 -0.93 0.00	27.89 -0.77 0.00
SITHE_IND_GS2 24170	29.97 -0.96 0.00	26.50 -0.85 0.00	24.73 -0.82 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.67 -1.18 0.00	28.00 -0.95 0.00	28.11 -0.96 0.00	29.72 -0.92 0.00	30.64 -1.01 0.00	34.03 -1.16 0.00	34.05 -1.16 0.00	36.45 -1.28 0.00	41.51 -1.42 0.00	47.69 -1.53 0.00	51.00 -1.53 0.00	49.73 -1.43 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	30.98 -0.93 0.00	27.89 -0.77 0.00
SITHE_IND_GS3 24171	29.97 -0.96 0.00	26.50 -0.85 0.00	24.73 -0.82 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.67 -1.18 0.00	28.00 -0.95 0.00	28.11 -0.96 0.00	29.72 -0.92 0.00	30.64 -1.01 0.00	34.03 -1.16 0.00	34.05 -1.16 0.00	36.45 -1.28 0.00	41.51 -1.42 0.00	47.69 -1.53 0.00	51.00 -1.53 0.00	49.73 -1.43 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	30.98 -0.93 0.00	27.89 -0.77 0.00
SITHE_IND_GS4 24172	29.97 -0.96 0.00	26.50 -0.85 0.00	24.73 -0.82 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.51 -1.04 0.00	31.70 -1.22 0.00	30.67 -1.18 0.00	28.00 -0.95 0.00	28.11 -0.96 0.00	29.72 -0.92 0.00	30.64 -1.01 0.00	34.03 -1.16 0.00	34.05 -1.16 0.00	36.45 -1.28 0.00	41.51 -1.42 0.00	47.69 -1.53 0.00	51.00 -1.53 0.00	49.73 -1.43 0.00	43.86 -1.21 0.00	38.05 -1.05 0.00	30.98 -0.93 0.00	27.89 -0.77 0.00

SITHE___BATAVIA 24024	31.15 0.22 0.00	27.29 -0.05 0.00	25.58 0.03 0.00	24.45 -0.22 0.00	24.51 -0.25 0.00	26.09 -0.24 0.00	29.75 -0.79 0.00	31.57 -1.35 0.00	30.48 -1.37 0.00	28.29 -0.66 0.00	28.54 -0.52 0.00	30.57 -0.06 0.00	31.24 -0.41 0.00	34.20 -0.99 0.00	34.34 -0.88 0.00	36.22 -1.51 0.00	41.29 -1.63 0.00	47.69 -1.53 0.00	51.69 -0.84 0.00	50.86 -0.31 0.00	45.21 0.14 0.00	39.38 0.28 0.00	31.97 0.06 0.00	29.49 0.83 0.00
SITHE___INDEPEND 23800	29.97 -0.96 0.00	26.50 -0.85 0.00	24.73 -0.82 0.00	23.86 -0.81 0.00	23.94 -0.82 0.00	25.48 -0.84 0.00	29.48 -1.07 0.00	31.70 -1.22 0.00	30.67 -1.18 0.00	28.00 -0.96 0.00	28.11 -0.96 0.00	29.68 -0.95 0.00	30.61 -1.04 0.00	34.03 -1.16 0.00	34.05 -1.16 0.00	36.45 -1.28 0.00	41.51 -1.42 0.00	47.69 -1.53 0.00	51.01 -1.52 0.00	49.73 -1.43 0.00	43.86 -1.22 0.00	38.01 -1.09 0.00	30.98 -0.93 0.00	27.83 -0.83 0.00
SITHE___MASSENA 23902	31.67 0.74 0.00	28.03 0.68 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.37 0.62 0.00	26.98 0.66 0.00	31.37 0.83 0.00	33.81 0.89 0.00	32.39 0.54 0.00	29.22 0.26 0.00	29.27 0.20 0.00	30.85 0.22 0.00	31.72 0.06 0.00	35.19 0.00 0.00	35.07 -0.14 0.00	37.58 -0.15 0.00	42.84 -0.09 0.00	49.07 -0.15 0.00	52.43 -0.10 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.14 0.04 0.00	32.04 0.13 0.00	28.86 0.20 0.00
SITHE___OGDNSBRG 24021	32.29 1.36 0.00	28.60 1.26 0.00	26.47 0.92 0.00	25.59 0.91 0.00	25.84 1.09 0.00	27.48 1.16 0.00	31.95 1.41 0.00	34.34 1.42 0.00	32.68 0.83 0.00	29.33 0.38 0.00	29.33 0.26 0.00	30.88 0.25 0.00	31.69 0.03 0.00	35.12 -0.07 0.00	34.97 -0.25 0.00	37.51 -0.23 0.00	42.84 -0.09 0.00	49.21 0.00 0.00	52.90 0.37 0.00	51.83 0.67 0.00	45.84 0.77 0.00	39.81 0.70 0.00	32.55 0.64 0.00	29.32 0.66 0.00
SITHE___STERLING 23777	31.58 0.65 0.00	27.95 0.60 0.00	26.06 0.51 0.00	25.12 0.44 0.00	25.20 0.45 0.00	26.85 0.53 0.00	31.16 0.61 0.00	33.58 0.66 0.00	32.43 0.57 0.00	29.45 0.49 0.00	29.50 0.44 0.00	31.06 0.43 0.00	32.10 0.44 0.00	35.78 0.60 0.00	35.78 0.56 0.00	38.30 0.57 0.00	43.70 0.77 0.00	50.35 1.13 0.00	54.10 1.57 0.00	52.80 1.64 0.00	46.56 1.49 0.00	40.36 1.25 0.00	32.77 0.86 0.00	29.43 0.77 0.00
SLEIGHT__34_KV_TB1 80719	30.59 -0.34 0.00	26.91 -0.44 0.00	25.09 -0.46 0.00	24.16 -0.52 0.00	24.21 -0.54 0.00	25.88 -0.45 0.00	29.75 -0.79 0.00	31.97 -0.95 0.00	30.93 -0.92 0.00	28.38 -0.58 0.00	28.57 -0.49 0.00	30.39 -0.25 0.00	31.08 -0.57 0.00	34.48 -0.70 0.00	34.51 -0.70 0.00	36.75 -0.98 0.00	41.89 -1.03 0.00	48.28 -0.94 0.00	51.90 -0.63 0.00	50.70 -0.46 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.62 -0.29 0.00	28.46 -0.20 0.00
SMITHTWN_69_KV_BK 1 55830	32.89 1.95 -0.01	29.02 1.67 0.00	27.01 1.46 0.00	26.08 1.41 0.00	26.04 1.29 0.00	27.82 1.50 0.00	32.26 1.71 0.00	35.13 2.21 0.00	35.65 2.77 -1.02	34.32 2.84 -2.53	41.88 2.82 -10.00	43.17 2.76 -9.78	42.28 3.77 -6.86	43.27 4.26 -3.83	43.59 4.37 -4.01	44.47 4.60 -2.14	48.63 5.24 -0.47	55.22 5.95 -0.05	58.31 5.78 0.00	56.48 5.32 0.00	49.35 4.28 0.00	42.98 3.87 0.00	35.29 3.38 0.00	31.50 2.84 0.00
SOUTH CAIRO___GT 23612	32.02 1.08 0.00	28.33 0.98 0.00	26.52 0.97 0.00	25.64 0.96 0.00	25.74 0.99 0.00	27.40 1.08 0.00	31.74 1.19 0.00	34.17 1.25 0.00	33.13 1.18 -0.10	29.82 0.87 0.00	29.74 0.67 0.00	31.25 0.61 0.00	32.51 0.76 -0.10	36.18 0.91 -0.08	36.19 0.95 -0.02	38.95 1.21 -0.01	44.51 1.55 -0.04	51.48 2.26 0.00	55.21 2.68 0.00	53.98 2.81 0.00	47.64 2.57 0.00	41.22 2.11 0.00	33.47 1.56 0.00	30.03 1.38 0.00
SOUTH HAMPTN___IC 23720	32.95 2.01 -0.01	29.10 1.75 0.00	27.08 1.53 0.00	26.18 1.51 0.00	26.12 1.36 0.00	27.98 1.66 0.00	32.35 1.80 0.00	35.29 2.37 0.00	35.90 3.03 -1.02	34.60 3.13 -2.51	42.31 3.31 -9.93	43.72 3.37 -9.72	42.62 4.11 -6.86	43.73 4.72 -3.83	43.97 4.75 -4.01	44.85 4.98 -2.14	48.89 5.50 -0.47	55.47 6.20 -0.06	58.53 5.99 -0.01	56.49 5.32 -0.01	49.36 4.28 0.00	42.99 3.87 -0.01	35.21 3.29 -0.01	31.36 2.69 -0.01
SOUTHDOW_115KV_TB1 355954	31.09 0.15 0.00	27.32 -0.03 0.00	25.45 -0.10 0.00	24.48 -0.20 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.03 -0.52 0.00	31.97 -0.95 0.00	30.77 -1.08 0.00	28.81 -0.14 0.00	29.12 0.06 0.00	31.09 0.46 0.00	31.34 -0.32 0.00	34.48 -0.70 0.00	34.65 -0.56 0.00	36.37 -1.36 0.00	41.12 -1.80 0.00	47.15 -2.07 0.00	51.32 -1.21 0.00	50.60 -0.56 0.00	44.98 -0.09 0.00	39.22 0.12 0.00	32.07 0.16 0.00	29.15 0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	33.48 2.54 -0.01	29.56 2.22 0.00	27.54 1.99 0.00	26.62 1.95 0.00	26.59 1.83 0.00	28.51 2.18 0.00	32.93 2.38 0.00	35.92 3.00 0.00	36.63 3.76 -1.02	35.32 3.85 -2.51	43.01 4.01 -9.93	44.49 4.14 -9.72	43.54 5.03 -6.86	44.65 5.63 -3.83	44.82 5.60 -4.01	45.64 5.77 -2.14	49.66 6.27 -0.47	56.21 6.94 -0.06	59.21 6.67 0.00	57.20 6.04 0.00	49.76 4.69 0.00	43.37 4.26 0.00	35.42 3.51 0.00	31.84 3.18 0.00
SOUTHOLD___IC 23719	33.48 2.54 -0.01	29.56 2.21 0.00	27.55 1.99 0.00	26.62 1.95 0.00	26.59 1.83 0.00	28.51 2.18 0.00	32.90 2.35 0.00	35.92 3.00 0.00	36.63 3.76 -1.02	35.32 3.85 -2.51	43.13 4.13 -9.93	44.61 4.26 -9.72	43.48 4.97 -6.86	44.64 5.63 -3.83	44.82 5.60 -4.01	45.64 5.77 -2.14	49.66 6.27 -0.47	56.21 6.94 -0.06	59.21 6.67 -0.01	57.11 5.93 -0.01	49.76 4.69 0.00	43.38 4.26 -0.01	35.43 3.51 -0.01	31.70 3.04 -0.01
SOUTH_FORK_WT_PWR 323839	33.48 2.54 -0.01	29.59 2.24 0.00	27.60 2.04 0.00	26.70 2.02 0.00	26.66 1.91 0.00	28.59 2.26 0.00	32.99 2.44 0.00	36.01 3.09 0.00	36.73 3.85 -1.02	35.41 3.94 -2.51	43.24 4.24 -9.93	44.73 4.38 -9.72	43.57 5.06 -6.86	44.71 5.70 -3.83	44.78 5.56 -4.01	45.49 5.62 -2.14	49.40 6.01 -0.47	55.77 6.50 -0.06	58.68 6.14 -0.01	56.54 5.37 -0.01	49.26 4.19 0.00	42.99 3.87 -0.01	35.17 3.26 -0.01	31.56 2.89 -0.01
SPIERFLS_115KV_TB 1 80737	32.02 1.08 0.00	28.36 1.01 0.00	26.45 0.89 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.32 1.00 0.00	31.68 1.13 0.00	34.20 1.28 0.00	33.40 1.37 -0.18	30.23 1.27 0.00	30.03 0.96 0.00	31.52 0.89 0.00	32.54 0.73 -0.16	36.20 0.88 -0.13	36.06 0.81 -0.04	38.77 1.02 -0.02	44.11 1.12 -0.07	50.85 1.62 -0.01	54.89 2.36 0.00	53.72 2.56 0.00	47.46 2.39 0.00	41.10 1.99 0.00	33.44 1.53 0.00	30.03 1.38 0.00
ST LAWRENCE____ 23600	31.15 0.22 0.00	27.54 0.19 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.95 0.20 0.00	26.53 0.21 0.00	30.85 0.31 0.00	33.25 0.33 0.00	31.92 0.06 0.00	28.81 -0.14 0.00	28.89 -0.17 0.00	30.45 -0.18 0.00	31.37 -0.29 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.41 -0.51 0.00	48.48 -0.74 0.00	51.74 -0.79 0.00	50.45 -0.72 0.00	44.49 -0.59 0.00	38.60 -0.51 0.00	31.56 -0.35 0.00	28.40 -0.26 0.00

STATE_CA_115KV_115_LB 55624	31.18 0.25 0.00	27.68 0.33 0.00	25.93 0.38 0.00	25.07 0.39 0.00	25.15 0.40 0.00	26.67 0.34 0.00	30.91 0.37 0.00	33.48 0.56 0.00	32.77 0.73 -0.19	29.65 0.69 0.00	29.74 0.67 0.00	31.22 0.58 0.00	32.49 0.66 -0.17	36.17 0.84 -0.14	36.14 0.88 -0.04	38.77 1.02 -0.02	44.03 1.03 -0.07	50.60 1.38 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.15 1.08 0.00	40.00 0.90 0.00	32.64 0.73 0.00	29.26 0.60 0.00
STATE_ST_34_KV_LOAD 55959	30.87 -0.06 0.00	27.24 -0.11 0.00	25.40 -0.15 0.00	24.48 -0.20 0.00	24.56 -0.20 0.00	26.22 -0.11 0.00	30.33 -0.21 0.00	32.66 -0.26 0.00	31.60 -0.25 0.00	28.81 -0.14 0.00	28.92 -0.15 0.00	30.63 0.00 0.00	31.50 -0.16 0.00	35.01 -0.18 0.00	35.04 -0.18 0.00	37.47 -0.26 0.00	42.71 -0.21 0.00	49.17 -0.05 0.00	52.85 0.32 0.00	51.57 0.41 0.00	45.48 0.41 0.00	39.42 0.31 0.00	32.10 0.19 0.00	28.80 0.14 0.00
STATION_5_MISC_HYD 23604	30.81 -0.12 0.00	27.10 -0.25 0.00	25.25 -0.31 0.00	24.30 -0.37 0.00	24.36 -0.40 0.00	25.93 -0.39 0.00	29.72 -0.82 0.00	31.83 -1.09 0.00	30.83 -1.02 0.00	28.46 -0.49 0.00	28.69 -0.38 0.00	30.60 -0.03 0.00	31.40 -0.25 0.00	34.59 -0.60 0.00	34.65 -0.56 0.00	36.75 -0.98 0.00	41.94 -0.99 0.00	48.28 -0.94 0.00	51.95 -0.58 0.00	50.86 -0.31 0.00	45.03 -0.05 0.00	39.14 0.04 0.00	31.81 -0.10 0.00	28.97 0.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.75 -0.19 0.00	27.05 -0.30 0.00	25.22 -0.33 0.00	24.28 -0.39 0.00	24.33 -0.42 0.00	25.96 -0.37 0.00	29.84 -0.70 0.00	32.06 -0.86 0.00	31.02 -0.83 0.00	28.46 -0.49 0.00	28.69 -0.38 0.00	30.48 -0.15 0.00	31.18 -0.47 0.00	34.59 -0.60 0.00	34.65 -0.56 0.00	36.86 -0.87 0.00	42.02 -0.90 0.00	48.38 -0.84 0.00	52.11 -0.42 0.00	50.91 -0.26 0.00	45.03 -0.05 0.00	39.03 -0.08 0.00	31.78 -0.13 0.00	28.63 -0.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.62 -0.31 0.00	26.94 -0.41 0.00	25.12 -0.43 0.00	24.18 -0.49 0.00	24.21 -0.54 0.00	25.80 -0.53 0.00	29.54 -1.01 0.00	31.67 -1.25 0.00	30.67 -1.18 0.00	28.29 -0.67 0.00	28.54 -0.52 0.00	30.42 -0.21 0.00	31.05 -0.60 0.00	34.41 -0.77 0.00	34.48 -0.74 0.00	36.60 -1.13 0.00	41.72 -1.20 0.00	48.03 -1.18 0.00	51.69 -0.84 0.00	50.50 -0.67 0.00	44.76 -0.32 0.00	38.87 -0.23 0.00	31.59 -0.32 0.00	28.52 -0.14 0.00
STA_56___34_KV_BUS2 355983	30.62 -0.31 0.00	26.94 -0.41 0.00	25.12 -0.43 0.00	24.18 -0.49 0.00	24.21 -0.54 0.00	25.80 -0.53 0.00	29.54 -1.01 0.00	31.67 -1.25 0.00	30.67 -1.18 0.00	28.29 -0.67 0.00	28.54 -0.52 0.00	30.42 -0.21 0.00	31.05 -0.60 0.00	34.41 -0.77 0.00	34.48 -0.74 0.00	36.60 -1.13 0.00	41.72 -1.20 0.00	48.03 -1.18 0.00	51.69 -0.84 0.00	50.50 -0.67 0.00	44.76 -0.32 0.00	38.87 -0.23 0.00	31.59 -0.32 0.00	28.52 -0.14 0.00
STA_67___115KV_BK2 355882	30.75 -0.19 0.00	27.02 -0.33 0.00	25.19 -0.36 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.88 -0.45 0.00	29.60 -0.95 0.00	31.77 -1.15 0.00	30.77 -1.08 0.00	28.38 -0.58 0.00	28.66 -0.41 0.00	30.54 -0.09 0.00	31.12 -0.54 0.00	34.52 -0.67 0.00	34.58 -0.63 0.00	36.67 -1.06 0.00	41.81 -1.12 0.00	48.13 -1.08 0.00	51.85 -0.68 0.00	50.65 -0.51 0.00	44.94 -0.14 0.00	39.03 -0.08 0.00	31.75 -0.16 0.00	28.66 0.00 0.00
STA_7___115KV_9TRANS 80674	31.00 0.06 0.00	27.24 -0.11 0.00	25.37 -0.18 0.00	24.43 -0.25 0.00	24.46 -0.30 0.00	26.06 -0.26 0.00	29.78 -0.76 0.00	32.00 -0.92 0.00	30.99 -0.86 0.00	28.61 -0.35 0.00	28.86 -0.20 0.00	30.79 0.15 0.00	31.40 -0.25 0.00	34.80 -0.39 0.00	34.86 -0.35 0.00	37.01 -0.72 0.00	42.24 -0.69 0.00	48.62 -0.59 0.00	52.37 -0.16 0.00	51.16 0.00 0.00	45.34 0.27 0.00	39.38 0.27 0.00	31.97 0.06 0.00	28.86 0.20 0.00
STA_82___115KV_TB1 80780	30.75 -0.19 0.00	27.02 -0.33 0.00	25.19 -0.36 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.88 -0.45 0.00	29.60 -0.95 0.00	31.73 -1.19 0.00	30.74 -1.11 0.00	28.35 -0.61 0.00	28.63 -0.44 0.00	30.51 -0.12 0.00	31.08 -0.57 0.00	34.45 -0.74 0.00	34.51 -0.70 0.00	36.64 -1.09 0.00	41.77 -1.16 0.00	48.03 -1.18 0.00	51.74 -0.79 0.00	50.60 -0.56 0.00	44.85 -0.23 0.00	38.99 -0.12 0.00	31.72 -0.19 0.00	28.63 -0.03 0.00
STEEL___WIND 323596	30.53 -0.40 0.00	26.77 -0.58 0.00	24.99 -0.56 0.00	24.03 -0.64 0.00	24.06 -0.69 0.00	25.56 -0.76 0.00	29.08 -1.47 0.00	30.81 -2.11 0.00	29.69 -2.17 0.00	27.80 -1.16 0.00	28.05 -1.02 0.00	30.02 -0.61 0.00	30.55 -1.11 0.00	33.39 -1.79 0.00	33.53 -1.69 0.00	35.28 -2.45 0.00	39.92 -3.01 0.00	45.97 -3.25 0.00	49.96 -2.57 0.00	49.22 -1.94 0.00	43.76 -1.31 0.00	38.24 -0.86 0.00	31.27 -0.64 0.00	28.89 0.23 0.00
STEPHTWN_115KV_BK_2 55603	31.34 0.40 0.00	27.78 0.44 0.00	26.04 0.49 0.00	25.17 0.49 0.00	25.25 0.50 0.00	26.77 0.45 0.00	31.03 0.49 0.00	33.61 0.69 0.00	32.90 0.86 -0.19	29.77 0.81 0.00	29.82 0.76 0.00	31.34 0.70 0.00	32.59 0.76 -0.18	36.31 0.99 -0.14	36.28 1.02 -0.04	38.93 1.17 -0.02	44.24 1.24 -0.07	50.85 1.62 -0.01	54.16 1.63 0.00	52.75 1.59 0.00	46.42 1.35 0.00	40.24 1.13 0.00	32.80 0.89 0.00	29.40 0.75 0.00
STEUBEN_REC_LFGE 323667	31.12 0.19 0.00	27.32 -0.03 0.00	25.40 -0.15 0.00	24.40 -0.27 0.00	24.41 -0.35 0.00	26.09 -0.24 0.00	29.87 -0.67 0.00	31.97 -0.95 0.00	30.61 -1.24 0.00	28.17 -0.78 0.00	28.28 -0.78 0.00	30.05 -0.58 0.00	30.48 -1.17 0.00	33.74 -1.44 0.00	33.77 -1.44 0.00	35.96 -1.77 0.00	40.82 -2.10 0.00	47.20 -2.02 0.00	51.43 -1.10 0.00	50.75 -0.41 0.00	45.07 0.00 0.00	39.14 0.04 0.00	31.97 0.06 0.00	28.92 0.26 0.00
STILLWATER___SOLAR 323814	32.05 1.11 0.00	28.39 1.04 0.00	26.52 0.97 0.00	25.63 0.96 0.00	25.72 0.96 0.00	27.35 1.03 0.00	31.71 1.16 0.00	34.27 1.35 0.00	33.47 1.43 -0.18	30.26 1.30 0.00	30.23 1.16 0.00	31.73 1.10 0.00	32.86 1.04 -0.16	36.62 1.30 -0.13	36.56 1.30 -0.04	39.27 1.51 -0.02	44.62 1.63 -0.07	51.44 2.22 -0.01	55.10 2.57 0.00	53.82 2.66 0.00	47.50 2.43 0.00	41.14 2.03 0.00	33.50 1.59 0.00	30.06 1.40 0.00
STONY___BROOK 24151	32.86 1.92 -0.01	28.99 1.64 0.00	26.98 1.43 0.00	26.05 1.38 0.00	26.02 1.26 0.00	27.82 1.50 0.00	32.22 1.68 0.00	35.09 2.17 0.00	35.61 2.74 -1.02	34.29 2.81 -2.52	41.95 2.91 -9.98	43.25 2.85 -9.76	42.18 3.67 -6.86	43.20 4.19 -3.83	43.55 4.33 -4.01	44.40 4.53 -2.14	48.54 5.15 -0.47	55.12 5.85 -0.06	58.22 5.67 -0.01	56.29 5.12 -0.01	49.26 4.19 0.00	42.90 3.79 -0.01	35.27 3.35 -0.01	31.33 2.67 0.00
STURGEON_POOL_HYD 23609	31.77 0.84 0.00	28.09 0.74 0.00	26.29 0.74 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.01 0.68 0.00	31.43 0.89 0.00	33.94 1.02 0.00	33.04 1.31 0.12	30.37 1.42 0.00	30.55 1.48 0.00	32.17 1.53 0.00	33.48 1.93 0.11	37.28 2.18 0.09	37.51 2.32 0.03	40.24 2.53 0.01	45.75 2.88 0.05	52.46 3.25 0.00	55.58 3.05 0.00	53.92 2.76 0.00	47.33 2.25 0.00	41.06 1.96 0.00	33.54 1.63 0.00	30.03 1.38 0.00

ST_LAW_115_BK7_LBMP 345037	31.18 0.25 0.00	27.56 0.22 0.00	25.71 0.15 0.00	24.85 0.17 0.00	24.98 0.22 0.00	26.56 0.24 0.00	30.88 0.34 0.00	33.28 0.36 0.00	31.95 0.10 0.00	28.84 -0.12 0.00	28.89 -0.17 0.00	30.45 -0.18 0.00	31.37 -0.29 0.00	34.80 -0.39 0.00	34.72 -0.49 0.00	37.20 -0.53 0.00	42.37 -0.56 0.00	48.43 -0.79 0.00	51.74 -0.79 0.00	50.45 -0.72 0.00	44.49 -0.59 0.00	38.60 -0.51 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00
ST_LAW_115_BK8_LBMP 345038	31.18 0.25 0.00	27.56 0.22 0.00	25.71 0.15 0.00	24.85 0.17 0.00	24.98 0.22 0.00	26.56 0.24 0.00	30.88 0.34 0.00	33.28 0.36 0.00	31.95 0.10 0.00	28.84 -0.12 0.00	28.89 -0.17 0.00	30.45 -0.18 0.00	31.37 -0.29 0.00	34.80 -0.39 0.00	34.72 -0.49 0.00	37.20 -0.53 0.00	42.37 -0.56 0.00	48.43 -0.79 0.00	51.74 -0.79 0.00	50.45 -0.72 0.00	44.49 -0.59 0.00	38.60 -0.51 0.00	31.59 -0.32 0.00	28.40 -0.26 0.00
ST_LAW_230_BK5_LBMP 345035	31.15 0.22 0.00	27.54 0.19 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.95 0.20 0.00	26.53 0.21 0.00	30.85 0.31 0.00	33.25 0.33 0.00	31.92 0.06 0.00	28.81 -0.14 0.00	28.89 -0.17 0.00	30.45 -0.18 0.00	31.37 -0.29 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.41 -0.51 0.00	48.48 -0.74 0.00	51.74 -0.79 0.00	50.45 -0.72 0.00	44.49 -0.59 0.00	38.60 -0.51 0.00	31.56 -0.35 0.00	28.40 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	31.15 0.22 0.00	27.54 0.19 0.00	25.68 0.13 0.00	24.82 0.15 0.00	24.95 0.20 0.00	26.53 0.21 0.00	30.85 0.31 0.00	33.25 0.33 0.00	31.92 0.06 0.00	28.81 -0.14 0.00	28.89 -0.17 0.00	30.45 -0.18 0.00	31.37 -0.29 0.00	34.80 -0.39 0.00	34.76 -0.46 0.00	37.24 -0.49 0.00	42.41 -0.51 0.00	48.48 -0.74 0.00	51.74 -0.79 0.00	50.45 -0.72 0.00	44.49 -0.59 0.00	38.60 -0.51 0.00	31.56 -0.35 0.00	28.40 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.74 0.80 0.00	28.06 0.71 0.00	26.27 0.72 0.00	25.34 0.67 0.00	25.45 0.69 0.00	26.98 0.66 0.00	31.37 0.82 0.00	33.91 0.99 0.00	32.00 1.31 1.16	30.37 1.42 0.00	30.58 1.51 0.00	32.17 1.53 0.00	32.35 1.87 1.17	36.48 2.15 0.85	37.22 2.25 0.25	40.04 2.45 0.15	45.18 2.75 0.49	52.27 3.10 0.04	55.42 2.89 0.00	53.82 2.66 0.00	47.24 2.16 0.00	40.94 1.84 0.00	33.47 1.56 0.00	30.01 1.35 0.00
SWANROAD_115KV_TB1 355699	29.91 -1.02 0.00	26.20 -1.15 0.00	24.76 -0.79 0.00	23.54 -1.13 0.00	23.57 -1.19 0.00	24.98 -1.34 0.00	28.25 -2.29 0.00	29.89 -3.03 0.00	28.89 -2.96 0.00	27.04 -1.91 0.00	27.38 -1.69 0.00	29.26 -1.38 0.00	29.50 -2.15 0.00	32.58 -2.60 0.00	32.68 -2.54 0.00	34.34 -3.40 0.00	38.93 -3.99 0.00	44.79 -4.43 0.00	48.64 -3.89 0.00	47.73 -3.43 0.00	42.59 -2.48 0.00	37.23 -1.88 0.00	30.51 -1.40 0.00	28.14 -0.52 0.00
SYNERGY___BIOGAS 323694	31.15 0.22 0.00	27.29 -0.05 0.00	25.58 0.03 0.00	24.45 -0.22 0.00	24.51 -0.25 0.00	26.09 -0.24 0.00	29.66 -0.89 0.00	31.57 -1.35 0.00	30.48 -1.37 0.00	28.29 -0.67 0.00	28.60 -0.47 0.00	30.57 -0.06 0.00	30.96 -0.70 0.00	34.24 -0.95 0.00	34.33 -0.88 0.00	36.22 -1.51 0.00	41.29 -1.63 0.00	47.69 -1.53 0.00	51.69 -0.84 0.00	50.75 -0.41 0.00	45.21 0.14 0.00	39.34 0.23 0.00	31.97 0.06 0.00	29.12 0.46 0.00
SYRACUSE___ENERGY_ST1 323597	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.30 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.51 -0.12 0.00	31.40 -0.25 0.00	34.94 -0.25 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	30.69 -0.25 0.00	27.10 -0.25 0.00	25.30 -0.26 0.00	24.38 -0.30 0.00	24.46 -0.30 0.00	26.09 -0.24 0.00	30.21 -0.34 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.72 -0.23 0.00	28.86 -0.20 0.00	30.51 -0.12 0.00	31.40 -0.25 0.00	34.94 -0.25 0.00	34.93 -0.28 0.00	37.39 -0.34 0.00	42.58 -0.34 0.00	48.97 -0.25 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.85 -0.06 0.00	28.57 -0.09 0.00
SYRACUSE___POWER 24017	30.66 -0.28 0.00	27.05 -0.30 0.00	25.24 -0.31 0.00	24.33 -0.35 0.00	24.41 -0.35 0.00	26.03 -0.29 0.00	30.15 -0.40 0.00	32.46 -0.46 0.00	31.44 -0.41 0.00	28.69 -0.26 0.00	28.81 -0.26 0.00	30.45 -0.18 0.00	31.40 -0.25 0.00	34.91 -0.28 0.00	34.93 -0.28 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	48.92 -0.30 0.00	52.42 -0.11 0.00	51.11 -0.05 0.00	45.03 -0.05 0.00	39.03 -0.08 0.00	31.81 -0.10 0.00	28.57 -0.09 0.00
TALLMAN__138KV_BK151 55660	31.92 0.99 0.00	28.25 0.90 0.00	26.45 0.89 0.00	25.51 0.84 0.00	25.60 0.84 0.00	27.11 0.79 0.00	31.58 1.04 0.00	34.17 1.25 0.00	32.02 1.59 1.42	30.72 1.77 0.00	30.93 1.86 0.00	32.56 1.93 0.00	32.55 2.34 1.44	36.78 2.64 1.04	37.65 2.75 0.31	40.53 2.98 0.18	45.62 3.31 0.61	52.85 3.69 0.05	55.94 3.41 0.00	54.28 3.12 0.00	47.60 2.52 0.00	41.26 2.15 0.00	33.76 1.85 0.00	30.26 1.60 0.00
TEALLAVE_115KV_TB7 355573	30.56 -0.37 0.00	26.96 -0.38 0.00	25.17 -0.38 0.00	24.28 -0.39 0.00	24.33 -0.42 0.00	25.96 -0.37 0.00	30.06 -0.49 0.00	32.36 -0.56 0.00	31.34 -0.51 0.00	28.61 -0.35 0.00	28.75 -0.32 0.00	30.39 -0.25 0.00	31.31 -0.35 0.00	34.80 -0.39 0.00	34.83 -0.39 0.00	37.20 -0.53 0.00	42.41 -0.52 0.00	48.72 -0.49 0.00	52.21 -0.32 0.00	50.85 -0.31 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.69 -0.22 0.00	28.46 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	30.62 -0.31 0.00	26.85 -0.49 0.00	25.19 -0.36 0.00	24.08 -0.59 0.00	24.11 -0.64 0.00	25.64 -0.68 0.00	29.05 -1.50 0.00	30.85 -2.07 0.00	29.78 -2.07 0.00	27.77 -1.19 0.00	28.11 -0.96 0.00	30.05 -0.58 0.00	30.36 -1.30 0.00	33.53 -1.65 0.00	33.63 -1.58 0.00	35.43 -2.30 0.00	40.31 -2.62 0.00	46.46 -2.76 0.00	50.38 -2.15 0.00	49.47 -1.69 0.00	44.04 -1.04 0.00	38.44 -0.66 0.00	31.37 -0.54 0.00	28.69 0.03 0.00
TEMPLE___115KV_TB 2 55572	30.56 -0.37 0.00	26.99 -0.36 0.00	25.19 -0.36 0.00	24.28 -0.39 0.00	24.36 -0.40 0.00	25.98 -0.34 0.00	30.06 -0.49 0.00	32.36 -0.56 0.00	31.37 -0.48 0.00	28.64 -0.32 0.00	28.78 -0.29 0.00	30.42 -0.21 0.00	31.34 -0.32 0.00	34.83 -0.35 0.00	34.86 -0.35 0.00	37.24 -0.49 0.00	42.41 -0.52 0.00	48.77 -0.44 0.00	52.21 -0.32 0.00	50.91 -0.26 0.00	44.85 -0.23 0.00	38.87 -0.23 0.00	31.72 -0.19 0.00	28.49 -0.17 0.00
TIANA____69_KV_BK 1 55817	32.86 1.92 -0.01	28.99 1.64 0.00	26.98 1.43 0.00	26.06 1.38 0.00	26.02 1.26 0.00	27.85 1.53 0.00	32.26 1.71 0.00	35.16 2.24 0.00	35.77 2.90 -1.02	34.45 2.98 -2.51	42.02 3.02 -9.93	43.39 3.03 -9.72	42.50 3.99 -6.86	43.52 4.50 -3.83	43.80 4.58 -4.01	44.66 4.79 -2.14	48.76 5.37 -0.47	55.37 6.10 -0.06	58.42 5.88 0.00	56.54 5.37 0.00	49.31 4.24 0.00	42.94 3.83 0.00	35.16 3.25 0.00	31.41 2.75 0.00

TILDEN___115KV_TB1 80814	30.66 -0.28 0.00	27.05 -0.30 0.00	25.24 -0.31 0.00	24.33 -0.35 0.00	24.41 -0.35 0.00	26.03 -0.29 0.00	30.15 -0.40 0.00	32.46 -0.46 0.00	31.44 -0.41 0.00	28.69 -0.26 0.00	28.81 -0.26 0.00	30.45 -0.18 0.00	31.40 -0.25 0.00	34.91 -0.28 0.00	34.93 -0.28 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	48.92 -0.30 0.00	52.42 -0.11 0.00	51.11 -0.05 0.00	45.03 -0.05 0.00	39.03 -0.08 0.00	31.81 -0.10 0.00	28.57 -0.09 0.00
TRIGEN___CC 323695	32.53 1.58 -0.02	28.77 1.42 0.00	26.83 1.28 0.00	25.88 1.21 0.00	25.89 1.14 0.00	27.59 1.26 0.00	32.04 1.50 0.00	34.80 1.88 0.00	35.17 2.29 -1.03	35.69 2.29 -4.44	48.98 2.35 -17.56	50.12 2.30 -17.19	41.61 3.10 -6.86	42.46 3.45 -3.83	42.81 3.59 -4.01	43.68 3.81 -2.14	47.73 4.34 -0.47	54.14 4.87 -0.05	57.15 4.62 0.00	55.41 4.25 0.00	48.63 3.56 0.00	42.16 3.05 0.00	34.62 2.71 0.00	31.01 2.35 0.00
TRINITY__115KV__4 BK 55933	31.06 0.12 0.00	27.57 0.22 0.00	25.86 0.31 0.00	24.99 0.32 0.00	25.08 0.32 0.00	26.56 0.24 0.00	30.82 0.27 0.00	33.35 0.43 0.00	32.65 0.61 -0.19	29.53 0.58 0.00	29.59 0.52 0.00	31.09 0.46 0.00	32.37 0.54 -0.18	36.03 0.70 -0.14	36.00 0.74 -0.04	38.62 0.87 -0.02	43.90 0.90 -0.07	50.40 1.18 -0.01	53.63 1.10 0.00	52.18 1.02 0.00	45.93 0.86 0.00	39.85 0.74 0.00	32.52 0.61 0.00	29.17 0.52 0.00
UNION___PROCESSING_DRP 323587	30.75 -0.19 0.00	27.05 -0.30 0.00	25.22 -0.33 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.88 -0.45 0.00	29.60 -0.95 0.00	31.73 -1.19 0.00	30.74 -1.11 0.00	28.38 -0.58 0.00	28.63 -0.44 0.00	30.51 -0.12 0.00	31.08 -0.57 0.00	34.48 -0.70 0.00	34.55 -0.67 0.00	36.64 -1.09 0.00	41.77 -1.16 0.00	48.08 -1.13 0.00	51.79 -0.74 0.00	50.60 -0.56 0.00	44.89 -0.18 0.00	38.99 -0.12 0.00	31.72 -0.19 0.00	28.63 -0.03 0.00
UPPER HUDSON___HYD 24058	32.02 1.08 0.00	28.36 1.01 0.00	26.44 0.89 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.32 1.00 0.00	31.68 1.13 0.00	34.20 1.28 0.00	33.40 1.37 -0.18	30.23 1.27 0.00	30.02 0.96 0.00	31.52 0.89 0.00	32.48 0.67 -0.16	36.20 0.88 -0.13	36.06 0.81 -0.04	38.77 1.02 -0.02	44.11 1.11 -0.07	50.84 1.62 -0.01	54.90 2.37 0.00	53.72 2.56 0.00	47.46 2.39 0.00	41.06 1.95 0.00	33.44 1.53 0.00	30.01 1.35 0.00
UPPER RAQUET___HYD 24056	31.86 0.93 0.00	28.20 0.85 0.00	26.11 0.56 0.00	25.24 0.57 0.00	25.50 0.74 0.00	27.09 0.76 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.43 0.57 0.00	29.16 0.20 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.40 -0.25 0.00	34.73 -0.46 0.00	34.58 -0.63 0.00	37.09 -0.64 0.00	42.28 -0.64 0.00	48.53 -0.69 0.00	52.00 -0.53 0.00	50.86 -0.31 0.00	44.89 -0.18 0.00	39.07 -0.04 0.00	32.07 0.16 0.00	29.00 0.35 0.00
VALLEY44_115KV_TB2 355964	30.10 -0.84 0.00	26.53 -0.82 0.00	24.71 -0.84 0.00	23.71 -0.96 0.00	23.76 -0.99 0.00	25.27 -1.05 0.00	28.80 -1.74 0.00	30.58 -2.34 0.00	29.50 -2.36 0.00	27.59 -1.36 0.00	27.87 -1.19 0.00	29.75 -0.89 0.00	30.13 -1.52 0.00	33.29 -1.90 0.00	33.42 -1.80 0.00	35.13 -2.60 0.00	39.75 -3.18 0.00	45.72 -3.49 0.00	49.64 -2.89 0.00	48.96 -2.20 0.00	43.45 -1.62 0.00	37.81 -1.29 0.00	30.95 -0.96 0.00	28.20 -0.46 0.00
VALLEY___115KV_TB 1-4 80826	30.96 0.03 0.00	27.40 0.05 0.00	25.60 0.05 0.00	24.70 0.02 0.00	24.78 0.02 0.00	26.35 0.03 0.00	30.58 0.03 0.00	32.99 0.07 0.00	31.92 0.06 0.00	28.98 0.03 0.00	29.07 0.00 0.00	30.54 -0.09 0.00	31.56 -0.09 0.00	35.08 -0.11 0.00	35.04 -0.18 0.00	37.54 -0.19 0.00	42.67 -0.26 0.00	49.07 -0.15 0.00	52.48 -0.05 0.00	51.16 0.00 0.00	45.12 0.05 0.00	39.14 0.04 0.00	31.88 -0.03 0.00	28.63 -0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.83 0.90 0.00	28.17 0.82 0.00	26.29 0.74 0.00	25.34 0.67 0.00	25.42 0.67 0.00	27.03 0.71 0.00	31.37 0.82 0.00	33.87 0.95 0.00	32.72 0.99 0.12	29.94 0.98 0.00	30.03 0.96 0.00	31.64 1.01 0.00	32.63 1.11 0.13	36.43 1.34 0.09	36.53 1.34 0.03	39.19 1.47 0.02	44.59 1.72 0.05	51.33 2.12 0.00	54.95 2.42 0.00	53.51 2.35 0.00	47.10 2.03 0.00	40.86 1.76 0.00	33.22 1.31 0.00	29.78 1.12 0.00
VISCHER___FERRY HYD 24020	31.71 0.77 0.00	28.09 0.74 0.00	26.27 0.71 0.00	25.39 0.72 0.00	25.47 0.72 0.00	27.06 0.74 0.00	31.40 0.85 0.00	33.97 1.05 0.00	33.26 1.21 -0.20	30.06 1.10 0.00	30.14 1.08 0.00	31.68 1.04 0.00	32.91 1.08 -0.18	36.67 1.34 -0.15	36.63 1.37 -0.04	39.30 1.55 -0.03	44.67 1.67 -0.07	51.44 2.22 -0.01	54.84 2.31 0.00	53.36 2.20 0.00	47.05 1.98 0.00	40.75 1.64 0.00	33.25 1.34 0.00	29.77 1.12 0.00
V_A_10_SYNC_DSASP 323832	30.35 -0.59 0.00	26.64 -0.71 0.00	24.84 -0.72 0.00	23.93 -0.74 0.00	23.96 -0.79 0.00	25.43 -0.90 0.00	28.90 -1.65 0.00	30.71 -2.21 0.00	29.72 -2.13 0.00	27.68 -1.27 0.00	27.96 -1.10 0.00	29.84 -0.80 0.00	30.23 -1.42 0.00	33.43 -1.76 0.00	33.52 -1.69 0.00	35.35 -2.38 0.00	40.13 -2.79 0.00	46.16 -3.05 0.00	49.90 -2.63 0.00	48.91 -2.25 0.00	43.49 -1.58 0.00	37.93 -1.17 0.00	31.05 -0.86 0.00	28.23 -0.43 0.00
V_CMM_10_SYNC_DSASP 323787	31.33 0.40 0.00	27.70 0.35 0.00	25.81 0.26 0.00	24.95 0.27 0.00	25.10 0.35 0.00	26.67 0.34 0.00	31.03 0.49 0.00	33.44 0.53 0.00	32.08 0.22 0.00	28.96 0.00 0.00	29.01 -0.06 0.00	30.57 -0.06 0.00	31.50 -0.16 0.00	34.94 -0.24 0.00	34.86 -0.35 0.00	37.35 -0.38 0.00	42.54 -0.39 0.00	48.63 -0.59 0.00	51.95 -0.58 0.00	50.60 -0.56 0.00	44.62 -0.45 0.00	38.75 -0.35 0.00	31.72 -0.19 0.00	28.52 -0.14 0.00
V_CMP_10_SYNC_DSASP 323788	31.61 0.68 0.00	28.00 0.66 0.00	26.14 0.59 0.00	25.29 0.62 0.00	25.42 0.67 0.00	27.06 0.74 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.49 0.64 0.00	29.24 0.29 0.00	29.27 0.20 0.00	30.85 0.22 0.00	31.75 0.10 0.00	35.19 0.00 0.00	34.97 -0.24 0.00	37.47 -0.26 0.00	42.67 -0.26 0.00	48.92 -0.29 0.00	52.32 -0.21 0.00	51.06 -0.10 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.94 0.03 0.00	28.69 0.03 0.00
V_D_10_SYNC_DSASP 323841	31.67 0.74 0.00	28.03 0.68 0.00	26.01 0.46 0.00	25.14 0.47 0.00	25.37 0.62 0.00	26.98 0.66 0.00	31.37 0.83 0.00	33.81 0.89 0.00	32.39 0.54 0.00	29.22 0.26 0.00	29.27 0.20 0.00	30.85 0.22 0.00	31.72 0.06 0.00	35.19 0.00 0.00	35.07 -0.14 0.00	37.58 -0.15 0.00	42.84 -0.09 0.00	49.02 -0.20 0.00	52.43 -0.10 0.00	51.11 -0.05 0.00	45.12 0.05 0.00	39.14 0.04 0.00	32.04 0.13 0.00	28.86 0.20 0.00
V_E_10_SYNC_DSASP 323830	32.73 1.79 0.00	29.02 1.67 0.00	26.98 1.43 0.00	25.98 1.31 0.00	26.12 1.36 0.00	27.96 1.63 0.00	32.53 1.98 0.00	35.26 2.34 0.00	33.84 2.17 0.18	30.87 1.91 0.00	30.93 1.86 0.00	32.62 1.99 0.00	33.56 2.09 0.18	37.72 2.67 0.13	37.74 2.57 0.04	40.54 2.83 0.02	46.32 3.48 0.08	53.83 4.62 0.01	58.57 6.04 0.00	57.20 6.03 0.00	50.52 5.45 0.00	43.68 4.57 0.00	35.10 3.19 0.00	31.47 2.81 0.00

V_F_30_NSYNC___DSASP 323816	32.11 1.18 0.00	28.41 1.07 0.00	26.55 1.00 0.00	25.66 0.99 0.00	25.75 0.99 0.00	27.38 1.05 0.00	31.74 1.19 0.00	34.30 1.38 0.00	33.50 1.47 -0.18	30.29 1.33 0.00	30.29 1.22 0.00	31.80 1.16 0.00	32.92 1.11 -0.16	36.69 1.37 -0.13	36.63 1.37 -0.04	39.34 1.58 -0.02	44.71 1.72 -0.07	51.49 2.27 -0.01	55.16 2.63 0.00	53.87 2.71 0.00	47.50 2.43 0.00	41.18 2.07 0.00	33.54 1.63 0.00	30.09 1.43 0.00
V_F_30_SYNC_DSASP 323786	31.18 0.25 0.00	27.68 0.33 0.00	25.93 0.38 0.00	25.07 0.39 0.00	25.15 0.40 0.00	26.67 0.34 0.00	30.91 0.37 0.00	33.48 0.56 0.00	32.77 0.73 -0.19	29.65 0.69 0.00	29.71 0.64 0.00	31.22 0.58 0.00	32.49 0.66 -0.17	36.17 0.84 -0.14	36.14 0.88 -0.04	38.77 1.02 -0.02	44.03 1.03 -0.07	50.60 1.38 -0.01	53.84 1.31 0.00	52.39 1.23 0.00	46.15 1.08 0.00	40.00 0.90 0.00	32.64 0.73 0.00	29.26 0.60 0.00
V_XM_10_SYNC_DSASP 323789	31.61 0.68 0.00	28.00 0.66 0.00	26.14 0.59 0.00	25.29 0.62 0.00	25.42 0.67 0.00	27.06 0.74 0.00	31.49 0.95 0.00	33.94 1.02 0.00	32.49 0.64 0.00	29.24 0.29 0.00	29.27 0.20 0.00	30.85 0.22 0.00	31.75 0.10 0.00	35.19 0.00 0.00	34.97 -0.24 0.00	37.47 -0.26 0.00	42.67 -0.26 0.00	48.92 -0.29 0.00	52.32 -0.21 0.00	51.06 -0.10 0.00	45.07 0.00 0.00	39.07 -0.04 0.00	31.94 0.03 0.00	28.69 0.03 0.00
W.BABYLN_69_KV_BK1 56697	33.08 2.13 -0.01	29.18 1.83 0.00	27.19 1.64 0.00	26.23 1.55 0.00	26.22 1.46 0.00	27.98 1.66 0.00	32.44 1.89 0.00	35.29 2.37 0.00	35.77 2.90 -1.02	34.65 2.92 -2.77	42.97 2.94 -10.96	44.27 2.91 -10.73	42.37 3.86 -6.86	43.34 4.33 -3.83	43.70 4.47 -4.01	44.59 4.72 -2.14	48.81 5.41 -0.47	55.48 6.20 -0.06	58.58 6.04 -0.01	56.80 5.63 -0.01	49.67 4.60 0.00	43.17 4.07 0.00	35.42 3.51 0.00	31.64 2.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.11 1.18 0.00	28.39 1.04 0.00	26.57 1.02 0.00	25.64 0.96 0.00	25.74 0.99 0.00	27.27 0.95 0.00	31.77 1.22 0.00	34.37 1.45 0.00	32.16 1.82 1.51	30.90 1.94 0.00	31.10 2.03 0.00	32.75 2.11 0.00	32.65 2.53 1.53	36.93 2.85 1.11	37.88 2.99 0.33	40.75 3.21 0.19	45.88 3.61 0.65	53.19 4.04 0.06	56.31 3.78 0.00	54.64 3.48 0.00	47.91 2.84 0.00	41.53 2.42 0.00	33.98 2.07 0.00	30.44 1.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.36 1.42 0.00	28.58 1.23 0.00	26.73 1.18 0.00	25.78 1.11 0.00	25.89 1.14 0.00	27.40 1.08 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.10 2.23 -1.02	31.33 2.37 0.00	31.61 2.53 -0.01	33.25 2.60 -0.01	35.99 3.07 -1.27	39.46 3.45 -0.83	40.25 3.59 -1.44	41.73 3.81 -0.18	47.63 4.25 -0.45	53.93 4.68 -0.04	56.78 4.25 0.00	55.00 3.84 0.00	48.23 3.16 0.00	41.80 2.70 0.00	34.27 2.36 0.00	30.69 2.03 0.00
W50THST__13_KV_LOAD 356117	32.51 1.58 0.00	28.71 1.37 0.00	26.85 1.30 0.00	25.91 1.23 0.00	26.02 1.26 0.00	27.56 1.24 0.00	32.20 1.65 0.00	34.99 2.07 0.00	35.32 2.45 -1.02	31.53 2.58 0.00	31.84 2.76 -0.01	33.49 2.85 -0.01	36.24 3.32 -1.27	39.75 3.73 -0.83	40.53 3.87 -1.44	42.03 4.11 -0.18	47.93 4.55 -0.45	54.27 5.02 -0.04	57.10 4.57 0.00	55.31 4.14 0.00	48.50 3.43 0.00	42.04 2.93 0.00	34.46 2.55 0.00	30.84 2.18 0.00
WADING RIVER_IC_1 23522	32.40 1.45 -0.01	28.61 1.26 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.67 0.92 0.00	27.46 1.13 0.00	31.80 1.25 0.00	34.66 1.74 0.00	35.23 2.36 -1.02	33.93 2.46 -2.51	41.55 2.56 -9.93	42.86 2.51 -9.72	41.80 3.29 -6.86	42.82 3.80 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	47.99 4.60 -0.47	54.54 5.27 -0.06	57.53 4.99 -0.01	55.62 4.45 -0.01	48.63 3.56 0.00	42.36 3.24 -0.01	34.76 2.84 -0.01	30.90 2.24 -0.01
WADING RIVER_IC_2 23547	32.40 1.45 -0.01	28.61 1.26 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.67 0.92 0.00	27.46 1.13 0.00	31.80 1.25 0.00	34.66 1.74 0.00	35.23 2.36 -1.02	33.93 2.46 -2.51	41.55 2.56 -9.93	42.86 2.51 -9.72	41.80 3.29 -6.86	42.82 3.80 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	47.99 4.60 -0.47	54.54 5.27 -0.06	57.53 4.99 -0.01	55.62 4.45 -0.01	48.63 3.56 0.00	42.36 3.24 -0.01	34.76 2.84 -0.01	30.90 2.24 -0.01
WADING RIVER_IC_3 23601	32.40 1.45 -0.01	28.61 1.26 0.00	26.62 1.07 0.00	25.71 1.04 0.00	25.67 0.92 0.00	27.46 1.13 0.00	31.80 1.25 0.00	34.66 1.74 0.00	35.23 2.36 -1.02	33.93 2.46 -2.51	41.55 2.56 -9.93	42.86 2.51 -9.72	41.80 3.29 -6.86	42.82 3.80 -3.83	43.13 3.91 -4.01	43.98 4.11 -2.14	47.99 4.60 -0.47	54.54 5.27 -0.06	57.53 4.99 -0.01	55.62 4.45 -0.01	48.63 3.56 0.00	42.36 3.24 -0.01	34.76 2.84 -0.01	30.90 2.24 -0.01
WALDENNY_12_KV_BK2 80841	30.56 -0.37 0.00	26.80 -0.55 0.00	25.04 -0.51 0.00	24.03 -0.64 0.00	24.09 -0.67 0.00	25.59 -0.74 0.00	28.99 -1.56 0.00	30.81 -2.11 0.00	29.72 -2.13 0.00	27.83 -1.13 0.00	28.17 -0.90 0.00	30.08 -0.55 0.00	30.32 -1.33 0.00	33.50 -1.69 0.00	33.63 -1.58 0.00	35.35 -2.38 0.00	40.01 -2.92 0.00	46.11 -3.10 0.00	50.06 -2.47 0.00	49.22 -1.94 0.00	43.81 -1.26 0.00	38.24 -0.86 0.00	31.30 -0.61 0.00	28.57 -0.09 0.00
WALDEN___HYDRO 24148	31.89 0.96 0.00	28.19 0.85 0.00	26.37 0.82 0.00	25.46 0.79 0.00	25.55 0.79 0.00	27.09 0.76 0.00	31.55 1.01 0.00	34.07 1.15 0.00	32.88 1.43 0.40	30.49 1.53 0.00	30.67 1.60 0.00	32.26 1.62 0.00	33.25 1.99 0.40	37.14 2.25 0.30	37.52 2.39 0.09	40.28 2.60 0.05	45.72 2.96 0.17	52.55 3.35 0.01	55.73 3.20 0.00	54.13 2.97 0.00	47.51 2.43 0.00	41.18 2.07 0.00	33.63 1.72 0.00	30.15 1.49 0.00
WARRENSBURG____ 23737	32.02 1.08 0.00	28.36 1.01 0.00	26.45 0.89 0.00	25.56 0.89 0.00	25.67 0.92 0.00	27.32 1.00 0.00	31.68 1.13 0.00	34.20 1.28 0.00	33.40 1.37 -0.18	30.23 1.27 0.00	30.03 0.96 0.00	31.52 0.89 0.00	32.54 0.73 -0.16	36.20 0.88 -0.13	36.06 0.81 -0.04	38.77 1.02 -0.02	44.11 1.12 -0.07	50.85 1.62 -0.01	54.89 2.36 0.00	53.72 2.56 0.00	47.46 2.39 0.00	41.10 1.99 0.00	33.44 1.53 0.00	30.03 1.38 0.00
WATERSIDE___6 8 9 23538	32.51 1.58 0.00	28.71 1.37 0.00	26.83 1.28 0.00	25.91 1.23 0.00	25.99 1.24 0.00	27.48 1.16 0.00	32.01 1.47 0.00	34.76 1.84 0.00	35.07 2.20 -1.02	31.36 2.40 0.00	31.70 2.62 -0.02	33.35 2.70 -0.02	36.01 2.98 -1.38	39.34 3.27 -0.88	40.12 3.42 -1.49	41.53 3.58 -0.22	47.41 4.03 -0.45	53.53 4.28 -0.04	56.42 3.89 0.00	54.64 3.48 0.00	47.91 2.84 0.00	41.57 2.46 0.00	34.43 2.52 0.00	30.84 2.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.93 0.00 0.00	27.37 0.03 0.00	25.58 0.03 0.00	24.67 0.00 0.00	24.75 0.00 0.00	26.32 0.00 0.00	30.55 0.00 0.00	32.95 0.03 0.00	31.88 0.03 0.00	28.98 0.03 0.00	29.07 0.00 0.00	30.60 -0.03 0.00	31.62 -0.03 0.00	35.15 -0.04 0.00	35.14 -0.07 0.00	37.66 -0.08 0.00	42.84 -0.09 0.00	49.21 0.00 0.00	52.58 0.05 0.00	51.26 0.10 0.00	45.21 0.14 0.00	39.18 0.08 0.00	31.94 0.03 0.00	28.66 0.00 0.00

WDELAWARE___HYD 323627	31.80 0.86 0.00	28.09 0.74 0.00	26.27 0.71 0.00	25.34 0.67 0.00	25.45 0.69 0.00	27.01 0.68 0.00	31.43 0.89 0.00	33.94 1.02 0.00	32.76 1.24 0.34	30.29 1.33 0.00	30.43 1.37 0.00	32.01 1.38 0.00	33.00 1.68 0.33	36.94 2.00 0.25	37.25 2.11 0.07	40.03 2.34 0.04	45.53 2.75 0.14	52.40 3.20 0.01	55.68 3.15 0.00	54.08 2.91 0.00	47.50 2.43 0.00	41.14 2.03 0.00	33.54 1.63 0.00	29.95 1.29 0.00
WEST BABYLON___IC 23714	33.08 2.13 -0.01	29.18 1.83 0.00	27.19 1.64 0.00	26.23 1.55 0.00	26.22 1.46 0.00	27.98 1.66 0.00	32.44 1.89 0.00	35.29 2.37 0.00	35.77 2.90 -1.02	34.65 2.92 -2.77	42.97 2.94 -10.96	44.27 2.91 -10.73	42.37 3.86 -6.86	43.34 4.33 -3.83	43.70 4.47 -4.01	44.59 4.72 -2.14	48.81 5.41 -0.47	55.48 6.20 -0.06	58.58 6.04 -0.01	56.80 5.63 -0.01	49.67 4.60 0.00	43.17 4.07 0.00	35.42 3.51 0.00	31.64 2.98 0.00
WEST CANADA___HYD 24049	30.93 0.00 0.00	27.37 0.03 0.00	25.58 0.03 0.00	24.70 0.02 0.00	24.75 0.00 0.00	26.32 0.00 0.00	30.55 0.00 0.00	32.92 0.00 0.00	31.92 0.06 0.00	29.04 0.09 0.00	29.15 0.09 0.00	30.69 0.06 0.00	31.75 0.10 0.00	35.33 0.14 0.00	35.36 0.14 0.00	37.88 0.15 0.00	43.10 0.17 0.00	49.46 0.25 0.00	52.79 0.26 0.00	51.42 0.26 0.00	45.30 0.23 0.00	39.30 0.20 0.00	32.04 0.13 0.00	28.77 0.12 0.00
WESTERN_NY_WIND 24143	31.09 0.15 0.00	27.26 -0.08 0.00	25.55 0.00 0.00	24.43 -0.25 0.00	24.48 -0.27 0.00	26.06 -0.26 0.00	29.60 -0.95 0.00	31.50 -1.42 0.00	30.42 -1.43 0.00	28.26 -0.69 0.00	28.54 -0.52 0.00	30.54 -0.09 0.00	30.89 -0.76 0.00	34.17 -1.02 0.00	34.26 -0.95 0.00	36.15 -1.58 0.00	41.21 -1.72 0.00	47.59 -1.62 0.00	51.58 -0.95 0.00	50.65 -0.51 0.00	45.12 0.05 0.00	39.26 0.16 0.00	31.94 0.03 0.00	29.09 0.43 0.00
WESTOVER___LESR 323668	30.90 -0.03 0.00	27.29 -0.05 0.00	25.45 -0.10 0.00	24.53 -0.15 0.00	24.58 -0.17 0.00	26.19 -0.13 0.00	30.27 -0.27 0.00	32.52 -0.40 0.00	31.50 -0.35 0.00	28.84 -0.12 0.00	29.01 -0.06 0.00	30.66 0.03 0.00	31.56 -0.09 0.00	35.05 -0.14 0.00	35.11 -0.11 0.00	37.69 -0.04 0.00	42.92 0.00 0.00	49.36 0.15 0.00	52.95 0.42 0.00	51.67 0.51 0.00	45.57 0.50 0.00	39.54 0.43 0.00	32.23 0.32 0.00	28.97 0.32 0.00
WETHRSFD_WT_PWR 323626	30.47 -0.46 0.00	26.77 -0.58 0.00	24.94 -0.61 0.00	23.98 -0.69 0.00	23.99 -0.77 0.00	25.53 -0.79 0.00	29.11 -1.44 0.00	30.98 -1.94 0.00	29.72 -2.13 0.00	27.62 -1.33 0.00	27.76 -1.31 0.00	29.62 -1.01 0.00	30.10 -1.55 0.00	32.97 -2.22 0.00	33.10 -2.11 0.00	35.01 -2.72 0.00	39.66 -3.26 0.00	45.77 -3.45 0.00	49.80 -2.73 0.00	49.32 -1.84 0.00	43.81 -1.26 0.00	38.28 -0.82 0.00	31.27 -0.64 0.00	28.77 0.12 0.00
WHAVSTOR_138KV_BK127 55557	31.89 0.96 0.00	28.22 0.88 0.00	26.42 0.87 0.00	25.51 0.84 0.00	25.60 0.84 0.00	27.11 0.79 0.00	31.55 1.01 0.00	34.14 1.22 0.00	31.92 1.59 1.52	30.69 1.74 0.00	30.90 1.83 0.00	32.50 1.87 0.00	32.39 2.28 1.55	36.64 2.57 1.12	37.60 2.71 0.33	40.44 2.91 0.19	45.49 3.22 0.65	52.75 3.59 0.06	55.84 3.31 0.00	54.18 3.02 0.00	47.51 2.43 0.00	41.22 2.11 0.00	33.73 1.82 0.00	30.23 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.89 0.96 0.00	28.22 0.88 0.00	26.42 0.87 0.00	25.51 0.84 0.00	25.60 0.84 0.00	27.11 0.79 0.00	31.55 1.01 0.00	34.14 1.22 0.00	31.92 1.59 1.52	30.69 1.74 0.00	30.90 1.83 0.00	32.50 1.87 0.00	32.39 2.28 1.55	36.64 2.57 1.12	37.60 2.71 0.33	40.44 2.91 0.19	45.49 3.22 0.65	52.75 3.59 0.06	55.84 3.31 0.00	54.18 3.02 0.00	47.51 2.43 0.00	41.22 2.11 0.00	33.73 1.82 0.00	30.23 1.58 0.00
WHITEHAL_115KV_TB1 80871	32.48 1.55 0.00	28.77 1.42 0.00	26.80 1.25 0.00	25.93 1.26 0.00	26.02 1.26 0.00	27.75 1.42 0.00	32.13 1.59 0.00	34.70 1.78 0.00	33.85 1.82 -0.18	30.61 1.65 0.00	30.40 1.34 0.00	31.86 1.23 0.00	32.83 1.01 -0.16	36.62 1.30 -0.13	36.45 1.20 -0.04	39.19 1.43 -0.02	44.58 1.59 -0.07	51.44 2.21 -0.01	55.68 3.15 0.00	54.64 3.48 0.00	48.32 3.25 0.00	41.76 2.66 0.00	33.92 2.01 0.00	30.49 1.83 0.00
WHITEPLN_13_KV_LOAD 356215	32.45 1.52 0.00	28.66 1.31 0.00	26.78 1.23 0.00	25.88 1.21 0.00	25.99 1.24 0.00	27.51 1.18 0.00	32.10 1.56 0.00	34.83 1.91 0.00	35.17 2.26 -1.05	31.36 2.40 0.00	31.63 2.56 0.00	33.27 2.63 0.00	35.84 3.07 -1.12	39.45 3.48 -0.78	40.22 3.63 -1.38	41.75 3.89 -0.14	47.73 4.34 -0.47	54.18 4.92 -0.04	57.05 4.52 0.00	55.31 4.14 0.00	48.45 3.38 0.00	42.04 2.93 0.00	34.37 2.46 0.00	30.75 2.09 0.00
WM_FLOYD_69_KV_BK2 356380	32.71 1.76 -0.01	28.85 1.50 0.00	26.85 1.30 0.00	25.93 1.26 0.00	25.89 1.14 0.00	27.72 1.40 0.00	32.10 1.56 0.00	34.96 2.04 0.00	35.52 2.64 -1.02	34.17 2.69 -2.52	41.69 2.67 -9.95	43.01 2.63 -9.74	42.12 3.61 -6.86	43.10 4.08 -3.83	43.41 4.19 -4.01	44.25 4.38 -2.14	48.33 4.94 -0.47	54.93 5.66 -0.06	58.00 5.46 0.00	56.18 5.01 0.00	49.08 4.01 0.00	42.78 3.68 0.00	35.10 3.19 0.00	31.32 2.67 0.00
WOODARD___115KV_TB2 355635	30.50 -0.43 0.00	26.94 -0.41 0.00	25.14 -0.41 0.00	24.25 -0.42 0.00	24.31 -0.45 0.00	25.93 -0.39 0.00	30.03 -0.52 0.00	32.33 -0.59 0.00	31.31 -0.54 0.00	28.58 -0.38 0.00	28.69 -0.38 0.00	30.33 -0.31 0.00	31.24 -0.41 0.00	34.76 -0.42 0.00	34.76 -0.46 0.00	37.17 -0.57 0.00	42.37 -0.56 0.00	48.67 -0.54 0.00	52.11 -0.42 0.00	50.80 -0.36 0.00	44.76 -0.32 0.00	38.83 -0.27 0.00	31.65 -0.26 0.00	28.40 -0.26 0.00
WOODMERE_69_KV_BK1 55827	32.96 2.01 -0.01	29.12 1.78 0.00	27.14 1.58 0.00	26.20 1.53 0.00	26.19 1.44 0.00	27.90 1.58 0.00	32.38 1.83 0.00	35.19 2.27 0.00	35.56 2.68 -1.03	35.69 2.66 -4.07	47.91 2.76 -16.09	49.13 2.76 -15.74	42.09 3.58 -6.86	43.03 4.01 -3.83	43.38 4.16 -4.01	44.32 4.45 -2.14	48.50 5.11 -0.47	55.03 5.76 -0.05	58.10 5.57 0.00	56.33 5.17 0.00	49.44 4.37 0.00	42.78 3.68 0.00	35.10 3.19 0.00	31.44 2.78 0.00
YORK___WARBASSE 23770	32.64 1.70 0.00	28.80 1.45 0.00	26.91 1.35 0.00	25.98 1.31 0.00	26.07 1.31 0.00	27.51 1.18 0.00	32.04 1.50 0.00	34.83 1.91 0.00	35.10 2.23 -1.02	31.39 2.43 0.00	31.76 2.67 -0.02	33.44 2.79 -0.02	35.95 2.91 -1.38	39.27 3.20 -0.88	40.08 3.38 -1.49	41.49 3.55 -0.22	47.50 4.12 -0.45	53.68 4.43 -0.04	56.63 4.10 0.00	54.90 3.73 0.00	48.14 3.06 0.00	41.65 2.54 0.00	34.62 2.71 0.00	30.98 2.32 0.00