

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/05/2024

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	23.67	21.75	20.11	21.79	19.96	21.09	23.59	24.11	26.95	29.26	36.34	40.04	40.74	57.62	42.14	48.97	49.80	46.01	43.50	45.47	46.03	41.37	39.95	37.49
24138	1.43	1.32	1.13	1.22	1.07	1.25	1.44	1.69	2.08	2.32	3.13	3.54	4.20	4.21	4.07	4.62	4.80	4.37	3.88	4.00	3.90	3.54	3.25	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.24	-2.61	-0.98	-16.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.73	21.80	20.14	21.84	20.00	21.13	23.62	24.13	26.96	29.26	36.33	40.10	40.83	57.68	42.23	49.05	49.90	46.09	43.61	45.59	46.16	41.51	40.09	37.60
24260	1.50	1.37	1.17	1.27	1.11	1.28	1.47	1.71	2.09	2.32	3.12	3.60	4.29	4.28	4.15	4.71	4.90	4.45	3.99	4.12	4.04	3.68	3.39	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.24	-2.61	-0.98	-16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.73	21.80	20.14	21.84	20.00	21.13	23.62	24.13	26.96	29.26	36.33	40.10	40.83	57.68	42.23	49.05	49.90	46.09	43.61	45.59	46.16	41.51	40.09	37.60
24261	1.50	1.37	1.17	1.27	1.11	1.28	1.47	1.71	2.09	2.32	3.12	3.60	4.29	4.28	4.15	4.71	4.90	4.45	3.99	4.12	4.04	3.68	3.39	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.24	-2.61	-0.98	-16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24.34	22.18	20.41	22.13	20.26	21.21	23.65	23.98	26.35	28.24	32.60	35.92	37.78	42.19	40.73	47.39	48.85	45.25	43.20	45.32	46.01	41.12	39.72	37.15
24011	2.11	1.76	1.43	1.56	1.36	1.36	1.51	1.56	1.48	1.30	1.28	1.62	2.07	2.35	2.66	3.04	3.85	3.61	3.58	3.85	3.89	3.29	3.02	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.41	-0.15	-2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	24.51	22.29	20.45	22.18	20.33	21.31	23.79	24.11	26.45	28.25	32.58	35.94	37.83	42.26	40.95	47.69	49.28	45.60	43.62	45.73	46.37	41.39	40.00	37.36
23798	2.27	1.87	1.47	1.61	1.44	1.47	1.64	1.69	1.58	1.31	1.26	1.64	2.12	2.43	2.87	3.34	4.28	3.96	4.00	4.26	4.24	3.55	3.31	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.41	-0.15	-2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24.34	22.18	20.41	22.13	20.26	21.21	23.65	23.98	26.35	28.24	32.60	35.92	37.78	42.19	40.73	47.39	48.85	45.25	43.20	45.32	46.01	41.12	39.72	37.15
24028	2.11	1.76	1.43	1.56	1.36	1.36	1.51	1.56	1.48	1.30	1.28	1.62	2.07	2.35	2.66	3.04	3.85	3.61	3.58	3.85	3.89	3.29	3.02	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.41	-0.15	-2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.44	21.46	19.90	21.71	19.94	20.92	23.37	23.72	26.26	28.17	32.78	35.98	37.60	42.31	39.94	46.59	47.15	43.75	41.66	43.67	44.63	39.92	38.51	36.09
23527	1.21	1.03	0.93	1.13	1.05	1.08	1.22	1.31	1.39	1.23	1.38	1.59	1.86	1.92	1.86	2.25	2.15	2.11	2.04	2.20	2.51	2.09	1.81	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-0.50	-0.19	-3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.44	20.60	19.09	20.80	19.08	20.01	22.33	22.68	25.18	27.18	31.70	34.78	36.43	40.66	38.78	45.14	45.88	42.48	40.39	42.28	42.97	38.53	37.22	35.07
24190	0.21	0.17	0.11	0.23	0.19	0.17	0.18	0.26	0.31	0.23	0.37	0.46	0.71	0.72	0.70	0.79	0.88	0.84	0.77	0.82	0.85	0.70	0.52	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.43	-0.16	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.85	20.09	18.75	20.29	18.70	19.57	21.93	22.06	24.48	26.63	30.32	32.93	34.13	35.97	36.72	42.84	43.22	40.06	38.19	40.01	40.76	36.68	35.97	34.61
355683	-0.39	-0.34	-0.23	-0.28	-0.20	-0.27	-0.22	-0.36	-0.38	-0.32	-0.64	-0.96	-1.43	-1.33	-1.36	-1.51	-1.78	-1.59	-1.43	-1.46	-1.36	-1.15	-0.72	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.89	21.00	19.48	21.21	19.46	20.44	22.78	23.05	25.44	27.34	31.70	34.44	35.88	39.85	38.36	44.99	45.89	42.48	40.42	42.41	43.19	38.69	37.51	35.84
323833	0.66	0.57	0.50	0.64	0.57	0.59	0.63	0.64	0.57	0.40	0.41	0.18	0.18	0.22	0.28	0.65	0.88	0.84	0.80	0.95	1.06	0.86	0.82	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.37	-0.14	-2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.89	20.99	19.47	21.21	19.46	20.43	22.77	23.04	25.43	27.34	31.70	34.43	35.87	39.85	38.35	44.98	45.86	42.46	40.39	42.39	43.16	38.67	37.50	35.84
323834	0.65	0.56	0.50	0.63	0.57	0.59	0.63	0.62	0.56	0.39	0.41	0.16	0.17	0.22	0.27	0.63	0.86	0.82	0.77	0.92	1.03	0.84	0.80	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.37	-0.14	-2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.44	20.60	19.09	20.80	19.08	20.01	22.33	22.68	25.18	27.18	31.70	34.78	36.43	40.66	38.78	45.14	45.88	42.48	40.39	42.28	42.97	38.53	37.22	35.07
23571	0.21	0.17	0.11	0.23	0.19	0.17	0.18	0.26	0.31	0.23	0.37	0.46	0.71	0.72	0.70	0.79	0.88	0.84	0.77	0.82	0.85	0.70	0.52	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.43	-0.16	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.18 0.31 0.00	27.18 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.97 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
ALBANY___3 23573	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.18 0.31 0.00	27.18 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.97 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
ALBANY___4 23574	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.18 0.31 0.00	27.18 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.97 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
ALBANY___LFGE 323615	22.74 0.50 0.00	20.86 0.43 0.00	19.33 0.35 0.00	21.05 0.48 0.00	19.31 0.42 0.00	20.27 0.43 0.00	22.62 0.47 0.00	22.97 0.55 0.00	25.51 0.64 0.00	27.54 0.59 0.00	32.13 0.80 -0.36	35.27 0.96 -0.42	36.97 1.25 -0.16	41.22 1.30 -2.62	39.41 1.33 0.00	45.84 1.49 0.00	46.62 1.62 0.00	43.15 1.50 0.00	41.00 1.38 0.00	42.91 1.44 0.00	43.60 1.47 0.00	39.07 1.24 0.00	37.73 1.03 0.00	35.52 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	21.99 -0.24 0.00	20.23 -0.19 0.00	18.88 -0.09 0.00	20.44 -0.13 0.00	18.84 -0.06 0.00	19.72 -0.12 0.00	22.10 -0.04 0.00	22.23 -0.19 0.00	24.66 -0.21 0.00	26.84 -0.11 0.00	30.56 -0.41 0.00	32.88 -1.01 0.00	34.05 -1.51 0.00	35.94 -1.36 0.00	36.67 -1.41 0.00	42.77 -1.57 0.00	43.12 -1.88 0.00	39.99 -1.65 0.00	38.15 -1.47 0.00	39.98 -1.48 0.00	40.75 -1.37 0.00	36.67 -1.17 0.00	35.92 -0.77 0.00	34.83 0.03 0.00
ALCOA_RYNLDS___DRP 24188	21.99 -0.24 0.00	20.23 -0.19 0.00	18.88 -0.09 0.00	20.44 -0.13 0.00	18.84 -0.06 0.00	19.72 -0.12 0.00	22.10 -0.04 0.00	22.23 -0.19 0.00	24.66 -0.21 0.00	26.84 -0.11 0.00	30.56 -0.41 0.00	32.88 -1.01 0.00	34.05 -1.51 0.00	35.94 -1.36 0.00	36.67 -1.41 0.00	42.77 -1.57 0.00	43.12 -1.88 0.00	39.99 -1.65 0.00	38.15 -1.47 0.00	39.98 -1.48 0.00	40.75 -1.37 0.00	36.67 -1.17 0.00	35.92 -0.77 0.00	34.83 0.03 0.00
ALCOA___DSASP 323711	21.99 -0.24 0.00	20.23 -0.19 0.00	18.88 -0.09 0.00	20.44 -0.13 0.00	18.84 -0.06 0.00	19.72 -0.12 0.00	22.10 -0.04 0.00	22.23 -0.19 0.00	24.66 -0.21 0.00	26.84 -0.11 0.00	30.56 -0.41 0.00	32.88 -1.01 0.00	34.05 -1.51 0.00	35.94 -1.36 0.00	36.67 -1.41 0.00	42.77 -1.57 0.00	43.12 -1.88 0.00	39.99 -1.65 0.00	38.15 -1.47 0.00	39.99 -1.48 0.00	40.75 -1.38 0.00	36.67 -1.17 0.00	35.92 -0.77 0.00	34.83 0.03 0.00
ALLEGHENY___COGEN 23514	23.72 1.49 0.00	21.64 1.22 0.00	19.92 0.95 0.00	21.56 0.99 0.00	19.68 0.79 0.00	20.87 1.03 0.00	23.12 0.97 0.00	23.19 0.77 0.00	25.17 0.30 0.00	27.40 0.45 0.00	31.54 0.57 0.00	34.19 0.30 0.00	35.39 -0.17 0.00	37.22 -0.08 0.00	38.31 0.24 0.00	44.01 -0.34 0.00	45.60 0.60 0.00	42.80 1.16 0.00	40.79 1.17 0.00	42.42 0.95 0.00	42.89 0.76 0.00	38.48 0.65 0.00	37.70 1.00 0.00	36.03 1.23 0.00
ALTAMONT_115KV_TB 2 55880	22.70 0.47 0.00	20.84 0.42 0.00	19.31 0.33 0.00	21.00 0.43 0.00	19.26 0.37 0.00	20.23 0.40 0.00	22.58 0.43 0.00	22.92 0.51 0.00	25.44 0.57 0.00	27.47 0.52 0.00	32.03 0.71 -0.35	35.13 0.83 -0.41	36.80 1.09 -0.15	40.94 1.10 -2.53	39.21 1.13 0.00	45.63 1.28 0.00	46.41 1.41 0.00	42.97 1.33 0.00	40.84 1.22 0.00	42.77 1.30 0.00	43.46 1.33 0.00	38.96 1.13 0.00	37.67 0.97 0.00	35.53 0.73 0.00
ALTONA_WT_PWR 323606	22.85 0.61 0.00	20.85 0.43 0.00	19.43 0.45 0.00	21.13 0.56 0.00	19.50 0.61 0.00	20.53 0.69 0.00	22.91 0.76 0.00	23.00 0.58 0.00	25.46 0.59 0.00	27.57 0.63 0.00	31.68 0.71 0.00	34.44 0.56 0.00	35.06 -0.50 0.00	36.49 -0.81 0.00	37.28 -0.80 0.00	43.56 -0.79 0.00	43.95 -1.05 0.00	40.83 -0.81 0.00	38.79 -0.83 0.00	40.58 -0.89 0.00	41.39 -0.74 0.00	37.58 -0.25 0.00	37.36 0.67 0.00	35.95 1.15 0.00
AMERICAN_REF_FUEL 24010	22.12 -0.11 0.00	20.20 -0.22 0.00	18.61 -0.37 0.00	20.09 -0.49 0.00	18.27 -0.63 0.00	19.39 -0.45 0.00	21.40 -0.75 0.00	21.50 -0.92 0.00	23.56 -1.31 0.00	25.50 -1.44 0.00	29.54 -1.42 0.00	32.24 -1.65 0.00	33.73 -1.83 0.00	35.58 -1.73 0.00	36.31 -1.76 0.00	41.91 -2.44 0.00	43.11 -1.89 0.00	39.49 -2.16 0.00	37.68 -1.93 0.00	39.10 -2.36 0.00	39.56 -2.57 0.00	35.75 -2.08 0.00	34.61 -2.09 0.00	33.26 -1.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.14 0.90 0.00	21.09 0.66 0.00	19.40 0.42 0.00	20.85 0.28 0.00	18.69 -0.21 0.00	19.67 -0.17 0.00	21.62 -0.53 0.00	21.76 -0.65 0.00	24.35 -0.52 0.00	26.66 -0.28 0.00	31.20 0.23 0.00	34.19 0.31 0.00	35.61 0.05 0.00	37.15 -0.15 0.00	38.12 0.05 0.00	44.04 -0.31 0.00	45.45 0.45 0.00	41.80 0.15 0.00	39.61 -0.01 0.00	41.27 -0.20 0.00	41.65 -0.48 0.00	37.51 -0.32 0.00	36.35 -0.34 0.00	34.85 0.05 0.00
ARTHUR KILL_GT_1 23520	23.61 1.37 0.00	21.71 1.28 0.00	20.06 1.08 0.00	21.75 1.18 0.00	19.93 1.03 0.00	21.03 1.19 0.00	23.53 1.38 0.00	23.98 1.56 0.00	26.76 1.89 0.00	29.00 2.06 0.00	35.99 2.78 -2.24	39.75 3.25 -2.61	40.52 3.98 -0.98	57.52 3.92 -16.30	43.90 3.72 -2.11	49.57 4.23 -1.00	142.13 4.53 -92.59	59.85 4.10 -14.10	53.08 3.65 -9.81	49.73 3.75 -4.51	53.49 3.73 -7.62	44.27 3.31 -3.12	44.26 3.04 -4.53	99.93 2.56 -62.58
ARTHUR_KILL_2 23512	23.52 1.29 0.00	21.63 1.20 0.00	19.99 1.01 0.00	21.67 1.10 0.00	19.86 0.96 0.00	20.96 1.12 0.00	23.44 1.30 0.00	23.90 1.48 0.00	26.66 1.79 0.00	28.90 1.96 0.00	35.87 2.66 -2.24	39.61 3.11 -2.61	40.36 3.82 -0.98	57.34 3.74 -16.30	43.73 3.54 -2.11	49.37 4.02 -1.00	141.89 4.30 -92.59	59.63 3.89 -14.10	52.88 3.45 -9.81	49.52 3.54 -4.51	53.27 3.53 -7.62	44.08 3.13 -3.12	44.09 2.87 -4.53	99.77 2.39 -62.58
ARTHUR_KILL_3 23513	23.42 1.19 0.00	21.54 1.11 0.00	19.92 0.94 0.00	21.59 1.02 0.00	19.77 0.88 0.00	20.88 1.04 0.00	23.32 1.17 0.00	23.81 1.39 0.00	26.59 1.73 0.00	28.85 1.91 0.00	35.82 2.61 -2.24	39.54 3.04 -2.61	40.25 3.71 -0.98	57.23 3.67 -16.26	43.25 3.58 -1.59	48.81 3.99 -0.47	49.14 4.14 0.00	45.42 3.78 0.00	43.47 3.42 -0.44	45.47 3.55 -0.45	45.57 3.40 -0.05	43.34 3.18 -2.33	43.05 2.93 -3.42	69.19 2.37 -32.03

ARTHUR_KILL_COGEN 323718	23.61 1.37 0.00	21.71 1.28 0.00	20.06 1.08 0.00	21.75 1.18 0.00	19.93 1.03 0.00	21.03 1.19 0.00	23.53 1.38 0.00	23.98 1.56 0.00	26.76 1.89 0.00	29.00 2.06 0.00	35.99 2.78 -2.24	39.75 3.25 -2.61	40.52 3.98 -0.98	57.52 3.92 -16.30	43.90 3.72 -2.11	49.57 4.23 -1.00	142.13 4.53 -92.59	59.85 4.10 -14.10	53.08 3.65 -9.81	49.73 3.75 -4.51	53.49 3.73 -7.62	44.27 3.31 -3.12	44.26 3.04 -4.53	99.93 2.56 -62.58
ASHOKAN____ 23654	23.56 1.33 0.00	21.55 1.13 0.00	19.91 0.93 0.00	21.65 1.08 0.00	19.85 0.96 0.00	20.86 1.02 0.00	23.32 1.18 0.00	23.74 1.32 0.00	26.30 1.43 0.00	28.26 1.32 0.00	32.59 1.62 0.00	35.70 1.82 0.00	37.76 2.20 0.00	39.62 2.32 0.00	40.67 2.60 0.00	47.85 3.50 0.00	49.13 4.12 0.00	45.50 3.86 0.00	43.33 3.72 0.00	45.38 3.92 0.00	46.09 3.96 0.00	41.14 3.31 0.00	39.54 2.85 0.00	37.11 2.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.51 1.27 0.00	21.62 1.19 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.09 0.00	23.42 1.27 0.00	23.90 1.48 0.00	26.64 1.77 0.00	28.88 1.94 0.00	35.89 2.68 -2.24	39.54 3.05 -2.61	40.29 3.75 -0.98	57.10 3.70 -16.10	41.67 3.59 0.00	48.52 4.18 0.01	49.47 4.48 0.01	45.72 4.07 0.00	43.22 3.60 0.00	45.19 3.72 -0.01	45.79 3.65 -0.01	41.19 3.36 0.00	39.80 3.10 0.00	37.33 2.54 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.51 1.27 0.00	21.62 1.19 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.09 0.00	23.42 1.27 0.00	23.90 1.48 0.00	26.64 1.77 0.00	28.88 1.94 0.00	35.89 2.68 -2.24	39.54 3.05 -2.61	40.29 3.75 -0.98	57.10 3.70 -16.10	41.67 3.59 0.00	48.52 4.18 0.01	49.47 4.48 0.01	45.72 4.07 0.00	43.22 3.60 0.00	45.19 3.72 -0.01	45.79 3.65 -0.01	41.19 3.36 0.00	39.80 3.10 0.00	37.33 2.54 0.00
ASTORIA_GT2_1 24094	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT2_2 24095	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT2_3 24096	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT2_4 24097	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT3_1 24098	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT3_2 24099	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT3_3 24100	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT3_4 24101	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT4_1 24102	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT4_2 24103	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT4_3 24104	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00

ASTORIA_GT4_4 24105	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.07 -2.61	40.30 3.76 -0.98	57.12 3.72 -16.10	41.69 3.61 0.00	48.53 4.19 0.01	49.50 4.50 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.20 3.73 -0.01	45.80 3.67 -0.01	41.21 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA_GT_1 23523	23.57 1.34 0.00	21.67 1.25 0.00	20.03 1.05 0.00	21.70 1.13 0.00	19.88 0.99 0.00	20.99 1.15 0.00	23.48 1.33 0.00	23.97 1.55 0.00	26.72 1.85 0.00	28.97 2.02 0.00	35.99 2.78 -2.24	39.66 3.16 -2.61	40.41 3.87 -0.98	57.23 3.83 -16.10	41.81 3.73 0.00	48.69 4.34 0.01	49.64 4.65 0.01	45.88 4.24 0.00	43.37 3.75 0.00	45.33 3.86 -0.01	45.94 3.81 -0.01	41.34 3.50 0.00	39.93 3.24 0.00	37.46 2.65 0.00
ASTORIA_GT_10 24110	23.51 1.28 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.06 0.00	19.83 0.93 0.00	20.94 1.09 0.00	23.41 1.27 0.00	23.92 1.50 0.00	26.70 1.83 0.00	28.97 2.03 0.00	35.97 2.76 -2.24	39.67 3.18 -2.61	40.38 3.84 -0.98	57.16 3.77 -16.10	41.65 3.57 0.00	48.18 4.02 0.19	44.43 4.25 4.82	44.15 3.85 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.48 3.43 4.08	40.98 3.15 0.00	39.62 2.92 0.00	37.24 2.44 0.00
ASTORIA_GT_11 24225	23.51 1.28 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.06 0.00	19.83 0.93 0.00	20.94 1.09 0.00	23.41 1.27 0.00	23.92 1.50 0.00	26.70 1.83 0.00	28.97 2.03 0.00	35.97 2.76 -2.24	39.67 3.18 -2.61	40.38 3.84 -0.98	57.16 3.77 -16.10	41.65 3.57 0.00	48.18 4.02 0.19	44.43 4.25 4.82	44.15 3.85 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.48 3.43 4.08	40.98 3.15 0.00	39.62 2.92 0.00	37.24 2.44 0.00
ASTORIA_GT_12 24226	23.51 1.28 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.06 0.00	19.83 0.93 0.00	20.94 1.09 0.00	23.41 1.27 0.00	23.92 1.50 0.00	26.70 1.83 0.00	28.97 2.03 0.00	35.97 2.76 -2.24	39.67 3.18 -2.61	40.38 3.84 -0.98	57.16 3.77 -16.10	41.65 3.57 0.00	48.18 4.02 0.19	44.43 4.25 4.82	44.15 3.85 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.48 3.43 4.08	40.98 3.15 0.00	39.62 2.92 0.00	37.24 2.44 0.00
ASTORIA_GT_13 24227	23.51 1.28 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.06 0.00	19.83 0.93 0.00	20.94 1.09 0.00	23.41 1.27 0.00	23.92 1.50 0.00	26.70 1.83 0.00	28.97 2.03 0.00	35.97 2.76 -2.24	39.67 3.18 -2.61	40.38 3.84 -0.98	57.16 3.77 -16.10	41.65 3.57 0.00	48.18 4.02 0.19	44.43 4.25 4.82	44.15 3.85 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.48 3.43 4.08	40.98 3.15 0.00	39.62 2.92 0.00	37.24 2.44 0.00
ASTORIA_GT_5 24106	23.58 1.34 0.00	21.67 1.25 0.00	20.03 1.05 0.00	21.70 1.12 0.00	19.88 0.99 0.00	20.99 1.15 0.00	23.48 1.33 0.00	23.97 1.55 0.00	26.72 1.85 0.00	28.96 2.02 0.00	35.99 2.78 -2.24	39.66 3.17 -2.61	40.41 3.87 -0.98	57.23 3.83 -16.10	41.81 3.73 0.00	48.69 4.34 0.01	49.64 4.65 0.01	45.88 4.24 0.00	43.37 3.75 0.00	45.33 3.85 -0.01	45.93 3.80 -0.01	41.33 3.50 0.00	39.93 3.23 0.00	37.45 2.65 0.00
ASTORIA_GT_7 24107	23.58 1.34 0.00	21.67 1.25 0.00	20.03 1.05 0.00	21.70 1.12 0.00	19.88 0.99 0.00	20.99 1.15 0.00	23.48 1.33 0.00	23.97 1.55 0.00	26.72 1.85 0.00	28.96 2.02 0.00	35.99 2.78 -2.24	39.66 3.17 -2.61	40.41 3.87 -0.98	57.23 3.83 -16.10	41.81 3.73 0.00	48.69 4.34 0.01	49.64 4.65 0.01	45.88 4.24 0.00	43.37 3.75 0.00	45.33 3.85 -0.01	45.93 3.80 -0.01	41.33 3.50 0.00	39.93 3.23 0.00	37.45 2.65 0.00
ASTORIA_GT_8 24108	23.58 1.34 0.00	21.67 1.25 0.00	20.03 1.05 0.00	21.70 1.12 0.00	19.88 0.99 0.00	20.99 1.15 0.00	23.48 1.33 0.00	23.97 1.55 0.00	26.72 1.85 0.00	28.96 2.02 0.00	35.99 2.78 -2.24	39.66 3.17 -2.61	40.41 3.87 -0.98	57.23 3.83 -16.10	41.81 3.73 0.00	48.69 4.34 0.01	49.64 4.65 0.01	45.88 4.24 0.00	43.37 3.75 0.00	45.33 3.85 -0.01	45.93 3.80 -0.01	41.33 3.50 0.00	39.93 3.23 0.00	37.45 2.65 0.00
ASTORIA___2 24149	23.52 1.29 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.65 1.78 0.00	28.89 1.95 0.00	35.90 2.69 -2.24	39.56 3.06 -2.61	40.30 3.76 -0.98	57.11 3.72 -16.10	41.68 3.61 0.00	48.54 4.20 0.01	49.50 4.51 0.01	45.74 4.09 0.00	43.24 3.62 0.00	45.21 3.62 -0.01	45.82 3.68 -0.01	41.22 3.38 0.00	39.82 3.12 0.00	37.36 2.56 0.00
ASTORIA___3 23516	23.51 1.27 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.07 0.00	19.83 0.93 0.00	20.93 1.09 0.00	23.42 1.27 0.00	23.92 1.50 0.00	26.71 1.84 0.00	28.98 2.04 0.00	35.97 2.76 -2.24	39.66 3.17 -2.61	40.38 3.84 -0.98	57.16 3.76 -16.10	41.66 3.58 0.00	48.18 4.02 0.19	44.42 4.24 4.82	44.14 3.84 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.49 3.44 4.08	40.98 3.15 0.00	39.62 2.93 0.00	37.24 2.44 0.00
ASTORIA___4 23517	23.51 1.28 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.06 0.00	19.83 0.93 0.00	20.94 1.09 0.00	23.41 1.27 0.00	23.92 1.50 0.00	26.70 1.83 0.00	28.97 2.03 0.00	35.97 2.76 -2.24	39.67 3.18 -2.61	40.38 3.84 -0.98	57.16 3.77 -16.10	41.65 3.57 0.00	48.18 4.02 0.19	44.42 4.24 4.82	44.14 3.84 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.48 3.43 4.08	40.98 3.15 0.00	39.62 2.92 0.00	37.24 2.44 0.00
ASTORIA___5 23518	23.51 1.27 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.07 0.00	19.83 0.93 0.00	20.93 1.09 0.00	23.42 1.27 0.00	23.92 1.50 0.00	26.71 1.84 0.00	28.98 2.04 0.00	35.97 2.76 -2.24	39.66 3.17 -2.61	40.38 3.84 -0.98	57.16 3.76 -16.10	41.66 3.58 0.00	48.18 4.02 0.19	44.42 4.24 4.82	44.14 3.84 1.34	40.79 3.42 2.25	42.86 3.51 2.12	41.49 3.44 4.08	40.98 3.15 0.00	39.62 2.92 0.00	37.24 2.44 0.00
AST_ENERGY_2_CC3 323677	23.47 1.24 0.00	21.57 1.15 0.00	19.94 0.96 0.00	21.62 1.04 0.00	19.79 0.90 0.00	20.90 1.06 0.00	23.36 1.22 0.00	23.86 1.45 0.00	26.65 1.78 0.00	28.92 1.97 0.00	35.91 2.70 -2.24	39.64 3.15 -2.61	40.34 3.80 -0.98	57.18 3.77 -16.10	41.72 3.65 0.00	48.47 4.12 0.00	49.29 4.29 0.00	45.54 3.90 0.00	43.11 3.49 0.00	45.08 3.61 0.00	45.63 3.51 0.00	41.03 3.20 0.00	39.64 2.94 0.00	37.19 2.39 0.00
AST_ENERGY_2_CC4 323678	23.47 1.24 0.00	21.57 1.15 0.00	19.94 0.96 0.00	21.62 1.04 0.00	19.79 0.90 0.00	20.90 1.06 0.00	23.36 1.22 0.00	23.86 1.45 0.00	26.65 1.78 0.00	28.92 1.97 0.00	35.91 2.70 -2.24	39.64 3.15 -2.61	40.34 3.80 -0.98	57.18 3.77 -16.10	41.72 3.65 0.00	48.47 4.12 0.00	49.29 4.29 0.00	45.54 3.90 0.00	43.11 3.49 0.00	45.08 3.61 0.00	45.63 3.51 0.00	41.03 3.20 0.00	39.64 2.94 0.00	37.19 2.39 0.00

ATHENS_STG_1 23668	22.79 0.56 0.00	20.93 0.50 0.00	19.37 0.39 0.00	21.05 0.48 0.00	19.30 0.41 0.00	20.30 0.46 0.00	22.67 0.53 0.00	23.06 0.64 0.00	25.64 0.78 0.00	27.73 0.79 0.00	32.58 1.13 -0.48	35.79 1.34 -0.56	37.48 1.71 -0.21	42.44 1.69 -3.45	39.72 1.65 0.00	46.21 1.86 0.00	46.98 1.98 0.00	43.46 1.82 0.00	41.29 1.67 0.00	43.22 1.75 0.00	43.86 1.73 0.00	39.34 1.51 0.00	38.01 1.31 0.00	35.75 0.95 0.00
ATHENS_STG_2 23670	22.79 0.56 0.00	20.93 0.50 0.00	19.37 0.39 0.00	21.05 0.48 0.00	19.30 0.41 0.00	20.30 0.46 0.00	22.67 0.53 0.00	23.06 0.64 0.00	25.64 0.78 0.00	27.73 0.79 0.00	32.58 1.13 -0.48	35.79 1.34 -0.56	37.48 1.71 -0.21	42.44 1.69 -3.45	39.72 1.65 0.00	46.21 1.86 0.00	46.98 1.98 0.00	43.46 1.82 0.00	41.29 1.67 0.00	43.22 1.75 0.00	43.86 1.73 0.00	39.34 1.51 0.00	38.01 1.31 0.00	35.75 0.95 0.00
ATHENS_STG_3 23677	22.79 0.56 0.00	20.93 0.50 0.00	19.37 0.39 0.00	21.05 0.48 0.00	19.30 0.41 0.00	20.30 0.46 0.00	22.67 0.53 0.00	23.06 0.64 0.00	25.64 0.78 0.00	27.73 0.79 0.00	32.58 1.13 -0.48	35.79 1.34 -0.56	37.48 1.71 -0.21	42.44 1.69 -3.45	39.72 1.65 0.00	46.21 1.86 0.00	46.98 1.98 0.00	43.46 1.82 0.00	41.29 1.67 0.00	43.22 1.75 0.00	43.86 1.73 0.00	39.34 1.51 0.00	38.01 1.31 0.00	35.75 0.95 0.00
AUBURN___LFGE 323710	22.67 0.44 0.00	20.70 0.27 0.00	19.24 0.26 0.00	20.87 0.30 0.00	19.09 0.20 0.00	20.14 0.30 0.00	22.45 0.31 0.00	22.70 0.29 0.00	25.13 0.26 0.00	27.25 0.31 0.00	31.50 0.53 0.00	34.43 0.54 0.00	36.27 0.71 0.00	38.12 0.80 -0.02	39.05 0.97 0.00	46.29 1.13 -0.80	46.99 1.15 -0.84	43.26 1.32 -0.29	40.95 1.27 -0.06	43.16 1.24 -0.45	43.49 1.03 -0.32	38.69 0.86 0.00	37.32 0.59 -0.04	35.33 0.51 -0.03
BABYLON_RES_REC 323704	23.29 1.06 0.00	21.52 1.10 0.00	19.96 0.98 0.00	21.63 1.06 0.00	19.77 0.88 0.00	20.87 1.03 0.00	23.26 1.11 0.00	23.79 1.38 0.00	26.41 1.54 0.00	28.61 1.67 0.00	37.22 2.77 -3.47	41.18 3.34 -3.95	41.01 3.81 -1.64	57.20 3.66 -16.24	41.61 3.54 0.00	48.12 3.77 0.00	49.11 4.11 0.00	45.43 3.79 0.00	42.83 3.21 0.00	44.59 3.13 0.00	42.29 2.93 2.76	37.06 2.61 3.39	39.31 2.61 0.00	37.23 2.43 0.00
BABYLON__69_KV_BK2 356345	23.68 1.45 0.00	21.87 1.45 0.00	20.28 1.30 0.00	21.98 1.41 0.00	20.08 1.19 0.00	21.21 1.36 0.00	23.62 1.47 0.00	24.17 1.76 0.00	26.83 1.96 0.00	29.07 2.13 0.00	37.83 3.39 -3.47	41.99 4.15 -3.95	41.95 4.75 -1.64	58.11 4.57 -16.24	42.50 4.43 0.00	49.12 4.78 0.00	50.18 5.18 0.00	46.40 4.77 0.00	43.74 4.13 0.00	45.56 4.09 0.00	43.24 3.93 2.82	37.86 3.48 3.46	39.94 3.24 0.00	37.59 2.78 0.00
BALL_HILL_WT_PWR 323825	22.79 0.56 0.00	20.80 0.38 0.00	19.15 0.18 0.00	20.70 0.12 0.00	18.72 -0.17 0.00	19.83 -0.01 0.00	21.89 -0.26 0.00	22.02 -0.40 0.00	24.40 -0.47 0.00	26.53 -0.41 0.00	30.86 -0.11 0.00	33.81 -0.08 0.00	35.44 -0.11 0.00	37.17 -0.13 0.00	38.03 -0.05 0.00	43.89 -0.45 0.00	45.15 0.15 0.00	41.33 -0.31 0.00	39.36 -0.25 0.00	40.93 -0.54 0.00	41.28 -0.85 0.00	37.31 -0.53 0.00	36.04 -0.65 0.00	34.46 -0.34 0.00
BARON_WINDS___WT_PWR 323822	22.72 0.48 0.00	20.78 0.36 0.00	19.17 0.19 0.00	20.82 0.24 0.00	18.93 0.04 0.00	20.07 0.23 0.00	22.17 0.02 0.00	22.20 -0.22 0.00	24.34 -0.53 0.00	26.59 -0.35 0.00	30.87 -0.10 0.00	33.94 0.05 0.00	35.73 0.17 0.00	37.42 0.11 0.00	38.30 0.22 0.00	44.60 0.05 -0.20	45.75 0.55 -0.21	41.95 0.24 -0.07	39.85 0.22 -0.02	41.53 -0.05 -0.11	41.70 -0.51 -0.08	37.42 -0.41 0.00	36.06 -0.64 -0.01	34.17 -0.63 -0.01
BARRETT_IC_1 23704	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_10 23701	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_11 23702	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_12 23703	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_2 23705	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_3 23706	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_4 23707	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00

BARRETT_IC_5 23708	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_6 23709	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_7 23710	23.33 1.10 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.93 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.17 2.73 -3.47	41.18 3.34 -3.95	41.07 3.87 -1.64	57.10 3.56 -16.24	41.46 3.39 0.00	48.01 3.66 0.00	48.90 3.90 0.00	45.22 3.58 0.00	42.69 3.07 0.00	44.53 3.06 0.00	41.85 2.91 3.19	36.62 2.69 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_8 23711	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT_IC_9 23700	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT___1 23545	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BARRETT___2 23546	23.32 1.09 0.00	21.53 1.11 0.00	19.96 0.98 0.00	21.66 1.09 0.00	19.82 0.92 0.00	20.91 1.07 0.00	23.30 1.15 0.00	23.80 1.39 0.00	26.43 1.56 0.00	28.63 1.69 0.00	37.16 2.72 -3.47	41.17 3.33 -3.95	41.07 3.87 -1.64	57.11 3.56 -16.24	41.46 3.39 0.00	48.01 3.67 0.01	48.89 3.90 0.01	45.22 3.59 0.00	42.68 3.07 0.00	44.52 3.06 0.00	41.85 2.92 3.19	36.61 2.68 3.90	39.21 2.51 0.00	36.98 2.18 0.00
BATAVIA__115KV_TB1 55881	23.12 0.88 0.00	21.10 0.68 0.00	19.43 0.45 0.00	20.98 0.40 0.00	19.10 0.20 0.00	20.28 0.44 0.00	22.46 0.32 0.00	22.66 0.24 0.00	24.92 0.04 0.00	26.96 0.02 0.00	31.17 0.20 0.00	33.87 -0.02 0.00	35.80 0.24 0.00	37.91 0.61 0.00	38.73 0.66 0.00	44.65 0.30 0.00	46.23 1.23 0.00	42.36 0.72 0.00	40.27 0.65 0.00	41.78 0.32 0.00	42.27 0.15 0.00	38.03 0.20 0.00	36.69 0.00 0.00	35.04 0.23 0.00
BAYONEEC___CTG1 323682	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG10 323750	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG2 323683	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG3 323684	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG4 323685	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG5 323686	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG6 323687	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00

BAYONEEC___CTG7 323688	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG8 323689	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BAYONEEC___CTG9 323749	23.50 1.27 0.00	21.60 1.17 0.00	19.97 0.99 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.40 1.25 0.00	23.89 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.96 2.75 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.13 3.66 0.00	45.67 3.54 0.00	41.09 3.26 0.00	39.71 3.02 0.00	37.24 2.44 0.00
BEACON___LESR 323632	22.81 0.58 0.00	20.87 0.45 0.00	19.35 0.37 0.00	21.03 0.46 0.00	19.30 0.40 0.00	20.29 0.45 0.00	22.61 0.46 0.00	23.07 0.65 0.00	25.64 0.77 0.00	27.64 0.70 0.00	32.23 0.89 -0.37	35.39 1.07 -0.43	37.13 1.41 -0.16	41.42 1.45 -2.66	39.59 1.51 0.00	46.01 1.66 0.00	46.87 1.87 0.00	43.32 1.68 0.00	41.25 1.63 0.00	43.23 1.77 0.00	43.87 1.75 0.00	39.36 1.52 0.00	37.97 1.28 0.00	35.69 0.89 0.00
BEAVER RIVER___HYD 24048	22.28 0.05 0.00	20.70 0.28 0.00	19.26 0.28 0.00	20.91 0.33 0.00	19.20 0.31 0.00	20.22 0.38 0.00	22.59 0.45 0.00	22.78 0.36 0.00	25.27 0.40 0.00	27.54 0.59 0.00	31.80 0.83 0.00	34.71 0.83 0.00	36.26 0.71 0.00	38.10 0.78 -0.01	38.63 0.55 0.00	45.41 0.59 -0.47	45.40 -0.09 -0.49	41.91 0.09 -0.17	40.12 0.47 -0.04	42.65 0.92 -0.26	43.41 1.09 -0.19	38.54 0.71 0.00	37.55 0.83 -0.02	35.78 0.96 -0.02
BEEBEE_GT_13 23619	22.66 0.43 0.00	20.73 0.30 0.00	19.14 0.16 0.00	20.69 0.11 0.00	18.88 -0.01 0.00	19.98 0.14 0.00	22.17 0.03 0.00	22.40 -0.02 0.00	24.72 -0.15 0.00	26.84 -0.10 0.00	31.02 0.05 0.00	33.85 -0.04 0.00	35.66 0.10 0.00	37.65 0.35 0.00	38.50 0.42 0.00	44.70 0.35 0.00	45.92 0.91 0.00	42.18 0.53 0.00	40.13 0.51 0.00	41.68 0.21 0.00	42.15 0.02 0.00	37.86 0.03 0.00	36.56 -0.14 0.00	34.79 -0.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.83 1.59 0.00	21.89 1.46 0.00	20.22 1.24 0.00	21.91 1.33 0.00	20.06 1.17 0.00	21.19 1.35 0.00	23.70 1.56 0.00	24.20 1.79 0.00	27.03 2.16 0.00	29.34 2.40 0.00	36.42 3.20 -2.24	40.22 3.72 -2.61	40.98 4.43 -0.98	58.00 4.40 -16.30	44.43 4.24 -2.11	50.17 4.82 -1.00	142.67 5.07 -92.59	60.33 4.58 -14.10	53.53 4.10 -9.81	50.16 4.18 -4.51	53.90 4.15 -7.62	44.71 3.76 -3.12	44.73 3.51 -4.53	100.33 2.95 -62.58
BETHLEHEM___GRP 23843	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.18 0.31 0.00	27.18 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.97 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
BETHLEHEM___GS1 323560	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.19 0.31 0.00	27.17 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.98 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
BETHLEHEM___GS2 323561	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.19 0.31 0.00	27.17 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.98 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
BETHLEHEM___GS3 323562	22.44 0.21 0.00	20.60 0.17 0.00	19.09 0.11 0.00	20.80 0.23 0.00	19.08 0.19 0.00	20.01 0.17 0.00	22.33 0.18 0.00	22.68 0.26 0.00	25.19 0.31 0.00	27.17 0.23 0.00	31.70 0.37 -0.37	34.78 0.46 -0.43	36.43 0.71 -0.16	40.66 0.72 -2.64	38.78 0.70 0.00	45.14 0.79 0.00	45.88 0.88 0.00	42.48 0.84 0.00	40.39 0.77 0.00	42.28 0.82 0.00	42.98 0.85 0.00	38.53 0.70 0.00	37.22 0.52 0.00	35.07 0.27 0.00
BETHLEHEM___STEEL 23779	22.73 0.49 0.00	20.75 0.32 0.00	19.10 0.13 0.00	20.64 0.07 0.00	18.73 -0.16 0.00	19.88 0.03 0.00	21.95 -0.20 0.00	22.08 -0.34 0.00	24.31 -0.56 0.00	26.40 -0.54 0.00	30.63 -0.34 0.00	33.49 -0.40 0.00	35.13 -0.43 0.00	36.95 -0.35 0.00	37.80 -0.28 0.00	43.65 -0.69 0.00	44.88 -0.12 0.00	41.05 -0.59 0.00	39.15 -0.47 0.00	40.69 -0.78 0.00	41.07 -1.05 0.00	37.08 -0.75 0.00	35.83 -0.87 0.00	34.28 -0.52 0.00
BETHLHEM_115KV_TB1 79974	22.49 0.25 0.00	20.64 0.21 0.00	19.13 0.15 0.00	20.83 0.26 0.00	19.12 0.22 0.00	20.05 0.21 0.00	22.37 0.22 0.00	22.73 0.31 0.00	25.24 0.37 0.00	27.24 0.30 0.00	31.78 0.45 -0.36	34.87 0.55 -0.42	36.51 0.79 -0.16	40.73 0.80 -2.62	38.87 0.79 0.00	45.25 0.90 0.00	45.97 0.97 0.00	42.58 0.94 0.00	40.47 0.86 0.00	42.37 0.91 0.00	43.06 0.94 0.00	38.61 0.78 0.00	37.30 0.61 0.00	35.15 0.36 0.00
BETHPAGE_CC_5 323564	23.37 1.14 0.00	21.59 1.16 0.00	20.01 1.04 0.00	21.70 1.12 0.00	19.84 0.95 0.00	20.94 1.10 0.00	23.34 1.20 0.00	23.86 1.45 0.00	26.51 1.64 0.00	28.72 1.78 0.00	37.29 2.84 -3.47	41.24 3.40 -3.95	41.17 3.97 -1.64	57.38 3.83 -16.24	41.80 3.72 0.00	48.37 4.02 0.00	49.30 4.30 0.00	45.60 3.96 0.00	43.00 3.38 0.00	44.79 3.32 0.00	42.66 3.14 2.60	37.47 2.82 3.18	39.37 2.68 0.00	37.09 2.29 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.78 0.55 0.00	20.80 0.37 0.00	19.15 0.17 0.00	20.69 0.12 0.00	18.78 -0.11 0.00	19.92 0.08 0.00	21.99 -0.15 0.00	22.14 -0.28 0.00	24.38 -0.49 0.00	26.49 -0.45 0.00	30.76 -0.21 0.00	33.63 -0.26 0.00	35.30 -0.26 0.00	37.10 -0.20 0.00	37.95 -0.13 0.00	43.85 -0.50 0.00	45.09 0.09 0.00	41.23 -0.41 0.00	39.33 -0.30 0.00	40.86 -0.61 0.00	41.24 -0.89 0.00	37.23 -0.61 0.00	35.95 -0.74 0.00	34.37 -0.43 0.00

BINGHAMTON___COGEN 23790	22.58 0.35 0.00	20.70 0.27 0.00	19.15 0.17 0.00	20.80 0.23 0.00	19.00 0.10 0.00	20.08 0.24 0.00	22.35 0.20 0.00	22.65 0.24 0.00	25.13 0.26 0.00	27.26 0.32 0.00	31.57 0.61 0.00	34.70 0.81 0.00	36.57 1.01 0.00	38.30 0.99 -0.01	39.15 1.08 0.00	45.82 1.11 -0.36	46.66 1.28 -0.38	42.74 0.96 -0.13	40.58 0.93 -0.03	42.59 0.92 -0.20	42.95 0.68 -0.15	38.55 0.72 0.00	37.20 0.49 -0.02	35.17 0.36 -0.01
BIXINCNT_115KV_LOAD 355685	22.74 0.51 0.00	20.89 0.47 0.00	19.31 0.34 0.00	20.91 0.34 0.00	18.98 0.09 0.00	20.05 0.21 0.00	22.03 -0.12 0.00	22.20 -0.21 0.00	24.49 -0.37 0.00	26.61 -0.34 0.00	31.07 0.10 0.00	33.73 -0.16 0.00	35.48 -0.08 0.00	37.07 -0.23 0.00	37.94 -0.14 0.00	43.98 -0.37 0.00	45.39 0.39 0.00	41.54 -0.10 0.00	39.63 0.01 0.00	41.27 -0.20 0.00	41.53 -0.60 0.00	37.50 -0.34 0.00	36.19 -0.51 0.00	34.47 -0.33 0.00
BLACK RIVER___HYD 24047	22.54 0.31 0.00	20.96 0.53 0.00	19.46 0.48 0.00	21.14 0.57 0.00	19.40 0.51 0.00	20.44 0.60 0.00	22.80 0.66 0.00	23.05 0.63 0.00	25.59 0.72 0.00	27.88 0.94 0.00	32.30 1.33 0.00	35.23 1.34 0.00	36.79 1.24 0.00	38.59 1.26 -0.02	38.99 0.91 0.00	46.28 1.14 -0.79	46.05 0.22 -0.83	42.37 0.44 -0.29	40.67 0.99 -0.06	43.43 1.52 -0.45	44.13 1.68 -0.32	38.98 1.15 0.00	38.03 1.30 -0.03	36.14 1.31 -0.03
BLACKRVR_115KV_TB2 79977	22.54 0.31 0.00	20.96 0.53 0.00	19.46 0.48 0.00	21.14 0.57 0.00	19.40 0.51 0.00	20.44 0.60 0.00	22.80 0.66 0.00	23.04 0.63 0.00	25.59 0.72 0.00	27.88 0.94 0.00	32.30 1.33 0.00	35.22 1.33 0.00	36.79 1.24 0.00	38.59 1.26 -0.02	38.99 0.91 0.00	46.28 1.14 -0.79	46.05 0.22 -0.83	42.37 0.44 -0.29	40.67 0.99 -0.06	43.44 1.52 -0.45	44.13 1.69 -0.32	38.98 1.15 0.00	38.03 1.30 -0.03	36.14 1.31 -0.03
BLISS_WT_PWR 323608	22.71 0.48 0.00	20.88 0.45 0.00	19.32 0.34 0.00	20.91 0.34 0.00	18.98 0.09 0.00	20.02 0.18 0.00	21.96 -0.19 0.00	22.13 -0.28 0.00	24.41 -0.46 0.00	26.50 -0.45 0.00	31.03 0.06 0.00	33.64 -0.25 0.00	35.37 -0.19 0.00	36.91 -0.40 0.00	37.78 -0.30 0.00	43.86 -0.49 0.00	45.31 0.31 0.00	41.49 -0.15 0.00	39.59 -0.03 0.00	41.22 -0.24 0.00	41.46 -0.67 0.00	37.43 -0.41 0.00	36.11 -0.59 0.00	34.36 -0.44 0.00
BLUESTONE___WT_PWR 323821	22.81 0.58 0.00	20.86 0.44 0.00	19.51 0.53 0.00	21.27 0.70 0.00	19.61 0.71 0.00	20.92 1.08 0.00	23.48 1.33 0.00	23.83 1.41 0.00	26.39 1.52 0.00	28.56 1.62 0.00	32.97 2.00 0.00	36.14 2.26 0.00	37.73 2.17 0.00	39.27 1.96 -0.01	40.17 2.09 0.00	47.45 2.79 -0.31	48.43 3.10 -0.33	44.37 2.62 -0.11	42.19 2.55 -0.02	43.85 2.21 -0.18	44.50 2.24 -0.13	40.48 2.65 0.00	39.26 2.55 -0.01	37.03 2.22 -0.01
BLUE_CIRC_CHEM_DRP 24182	22.70 0.47 0.00	20.83 0.41 0.00	19.32 0.34 0.00	21.03 0.46 0.00	19.30 0.41 0.00	20.26 0.42 0.00	22.58 0.44 0.00	22.89 0.47 0.00	25.32 0.45 0.00	27.28 0.33 0.00	31.66 0.37 -0.33	34.32 0.06 -0.38	35.73 0.02 -0.14	39.70 0.03 -2.37	38.13 0.05 0.00	44.56 0.21 0.00	45.34 0.34 0.00	41.98 0.34 0.00	39.93 0.31 0.00	41.87 0.40 0.00	42.61 0.48 0.00	38.18 0.35 0.00	37.07 0.37 0.00	35.51 0.70 0.00
BOC_GAS_DRP 24189	22.58 0.34 0.00	20.73 0.31 0.00	19.22 0.24 0.00	20.90 0.32 0.00	19.17 0.28 0.00	20.14 0.30 0.00	22.47 0.32 0.00	22.82 0.40 0.00	25.35 0.47 0.00	27.38 0.44 0.00	31.95 0.62 -0.35	35.03 0.73 -0.41	36.67 0.96 -0.16	40.80 0.94 -2.55	39.01 0.93 0.00	45.40 1.05 0.00	46.13 1.13 0.00	42.71 1.07 0.00	40.61 1.00 0.00	42.51 1.05 0.00	43.19 1.06 0.00	38.73 0.90 0.00	37.45 0.76 0.00	35.35 0.55 0.00
BOONVILLE_115KV_TB1 79983	22.69 0.46 0.00	20.95 0.52 0.00	19.45 0.47 0.00	21.11 0.54 0.00	19.36 0.47 0.00	20.40 0.56 0.00	22.79 0.64 0.00	23.05 0.63 0.00	25.56 0.69 0.00	27.76 0.82 0.00	32.06 1.09 0.00	35.20 1.32 0.00	36.95 1.40 0.00	38.70 1.39 -0.01	39.44 1.37 0.00	46.05 1.48 -0.22	46.51 1.28 -0.23	43.04 1.32 -0.08	41.02 1.38 -0.02	43.25 1.66 -0.13	43.95 1.73 -0.09	39.21 1.37 0.00	38.00 1.29 -0.01	35.99 1.19 -0.01
BORALEX_4TH_BRANCH 23824	23.45 1.21 0.00	21.46 1.04 0.00	19.91 0.93 0.00	21.71 1.13 0.00	19.95 1.05 0.00	20.92 1.08 0.00	23.37 1.22 0.00	23.72 1.31 0.00	26.26 1.39 0.00	28.17 1.23 0.00	32.78 1.38 -0.43	35.98 1.59 -0.50	37.61 1.86 -0.19	42.31 1.92 -3.09	39.94 1.86 0.00	46.59 2.25 0.00	47.15 2.15 0.00	43.76 2.12 0.00	41.66 2.04 0.00	43.67 2.20 0.00	44.63 2.50 0.00	39.93 2.10 0.00	38.51 1.81 0.00	36.09 1.29 0.00
BOWLINE___1 23526	23.24 1.01 0.00	21.37 0.94 0.00	19.78 0.80 0.00	21.45 0.88 0.00	19.63 0.74 0.00	20.72 0.87 0.00	23.11 0.97 0.00	23.54 1.12 0.00	26.32 1.45 0.00	28.53 1.60 0.00	29.65 2.21 3.53	32.37 2.59 4.11	37.21 3.19 1.55	15.05 3.13 25.38	41.03 2.95 0.00	47.77 3.42 0.00	48.65 3.65 0.00	44.99 3.35 0.00	42.62 3.01 0.00	44.60 3.14 0.00	45.23 3.10 0.00	40.62 2.79 0.00	39.19 2.50 0.00	36.74 1.94 0.00
BOWLINE___2 23595	23.22 0.99 0.00	21.36 0.93 0.00	19.77 0.80 0.00	21.45 0.87 0.00	19.63 0.74 0.00	20.72 0.88 0.00	23.12 0.97 0.00	23.54 1.12 0.00	26.30 1.43 0.00	28.49 1.55 0.00	29.60 2.16 3.53	32.31 2.53 4.11	37.15 3.14 1.55	14.96 3.07 25.41	41.00 2.93 0.00	47.71 3.36 0.00	48.57 3.57 0.00	44.93 3.29 0.00	42.55 2.93 0.00	44.58 3.11 0.00	45.23 3.10 0.00	40.62 2.79 0.00	39.21 2.52 0.00	36.76 1.96 0.00
BRADY___115KV_TB2 356060	22.19 -0.05 0.00	20.41 -0.02 0.00	19.05 0.07 0.00	20.62 0.04 0.00	18.99 0.10 0.00	19.90 0.06 0.00	22.32 0.18 0.00	22.43 0.01 0.00	24.88 0.00 0.00	27.10 0.15 0.00	30.89 -0.08 0.00	33.02 -0.87 0.00	34.04 -1.52 0.00	36.13 -1.17 0.00	36.81 -1.27 0.00	42.98 -1.37 0.00	43.14 -1.86 0.00	40.14 -1.51 0.00	38.38 -1.24 0.00	40.24 -1.22 0.00	41.03 -1.10 0.00	36.89 -0.94 0.00	36.15 -0.54 0.00	35.16 0.36 0.00
BRANSCOMB___SOLAR 323811	23.81 1.58 0.00	21.76 1.33 0.00	20.09 1.11 0.00	21.82 1.24 0.00	20.00 1.10 0.00	20.97 1.13 0.00	23.41 1.26 0.00	23.73 1.32 0.00	26.17 1.30 0.00	28.09 1.15 0.00	32.57 1.24 -0.36	35.81 1.50 -0.42	37.65 1.93 -0.16	42.09 2.18 -2.61	40.43 2.35 0.00	47.00 2.65 0.00	48.16 3.16 0.00	44.68 3.04 0.00	42.48 2.87 0.00	44.58 3.12 0.00	45.33 3.21 0.00	40.55 2.72 0.00	39.14 2.45 0.00	36.70 1.90 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.47 1.24 0.00	21.73 1.31 0.00	20.15 1.18 0.00	21.86 1.29 0.00	19.97 1.08 0.00	21.07 1.22 0.00	23.46 1.32 0.00	24.01 1.59 0.00	26.58 1.71 0.00	28.75 1.80 0.00	37.46 3.02 -3.47	41.62 3.78 -3.95	41.53 4.34 -1.64	57.49 3.94 -16.24	41.81 3.74 0.00	48.29 3.94 0.00	49.27 4.27 0.00	45.57 3.93 0.00	42.92 3.31 0.00	44.82 3.35 0.00	42.42 3.27 2.97	37.11 2.92 3.64	39.36 2.67 0.00	37.08 2.28 0.00

BRISTLHL_115KV_TB1 79998	22.05 -0.19 0.00	20.25 -0.18 0.00	18.77 -0.21 0.00	20.33 -0.24 0.00	18.64 -0.25 0.00	19.63 -0.21 0.00	21.86 -0.28 0.00	22.14 -0.28 0.00	24.53 -0.34 0.00	26.60 -0.34 0.00	30.73 -0.23 0.00	33.64 -0.25 0.00	35.33 -0.23 0.00	37.11 -0.24 -0.04	37.89 -0.19 0.00	45.77 -0.32 -1.74	46.66 -0.17 -1.83	42.17 -0.11 -0.64	39.71 -0.05 -0.14	42.36 -0.09 -0.98	42.66 -0.17 -0.71	37.61 -0.23 -0.01	36.43 -0.34 -0.08	34.44 -0.42 -0.06
BROOKHAVEN___DRP 24191	23.22 0.99 0.00	21.50 1.08 0.00	19.96 0.98 0.00	21.69 1.12 0.00	19.80 0.90 0.00	20.89 1.05 0.00	23.25 1.10 0.00	23.76 1.34 0.00	26.32 1.45 0.00	28.49 1.55 0.00	37.15 2.71 -3.47	41.26 3.42 -3.95	41.21 4.02 -1.64	57.43 3.88 -16.24	41.93 3.86 0.00	48.28 3.93 0.00	49.25 4.25 0.00	45.54 3.90 0.00	42.85 3.23 0.00	44.60 3.13 0.00	42.04 2.92 3.01	36.63 2.49 3.70	38.94 2.24 0.00	36.57 1.77 0.00
BROOKLYN_NAVY_YARD 23515	23.49 1.26 0.00	21.59 1.16 0.00	19.96 0.98 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.93 1.09 0.00	23.40 1.25 0.00	23.90 1.48 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.95 2.74 -2.24	39.67 3.18 -2.61	40.39 3.85 -0.98	57.26 3.85 -16.10	41.81 3.73 0.00	48.57 4.22 0.00	49.39 4.39 0.00	45.63 3.99 0.00	43.20 3.58 0.00	45.18 3.71 0.00	45.72 3.59 0.00	41.10 3.27 0.00	39.69 2.99 0.00	37.23 2.44 0.00
BROOKLYN___ARMY_DRP 323595	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
BROOKVLE_69_KV_TB1 55790	23.65 1.42 0.00	21.80 1.37 0.00	20.19 1.21 0.00	21.89 1.32 0.00	20.03 1.13 0.00	21.14 1.30 0.00	23.58 1.44 0.00	24.12 1.71 0.00	26.87 2.00 0.00	29.14 2.20 0.00	37.76 3.32 -3.47	41.85 4.01 -3.95	41.83 4.64 -1.64	58.07 4.53 -16.24	42.50 4.42 0.00	49.19 4.84 0.00	50.12 5.12 0.00	46.32 4.69 0.00	43.67 4.06 0.00	45.49 4.02 0.00	44.47 3.85 1.50	39.43 3.45 1.84	40.04 3.35 0.00	37.59 2.79 0.00
BROOME_2_LFGE 323671	22.59 0.35 0.00	20.70 0.27 0.00	19.15 0.17 0.00	20.81 0.23 0.00	19.00 0.10 0.00	20.08 0.24 0.00	22.35 0.20 0.00	22.65 0.24 0.00	25.12 0.25 0.00	27.26 0.32 0.00	31.57 0.61 0.00	34.70 0.81 0.00	36.57 1.01 0.00	38.29 0.98 -0.01	39.15 1.08 0.00	45.82 1.11 -0.36	46.66 1.28 -0.38	42.74 0.96 -0.13	40.57 0.93 -0.03	42.58 0.91 -0.20	42.95 0.68 -0.15	38.55 0.71 0.00	37.20 0.48 -0.02	35.17 0.36 -0.01
BROOME___LFGE 323600	22.59 0.35 0.00	20.70 0.27 0.00	19.15 0.17 0.00	20.81 0.23 0.00	19.00 0.10 0.00	20.08 0.24 0.00	22.35 0.20 0.00	22.65 0.24 0.00	25.12 0.25 0.00	27.26 0.32 0.00	31.57 0.61 0.00	34.70 0.81 0.00	36.57 1.01 0.00	38.29 0.98 -0.01	39.15 1.08 0.00	45.82 1.11 -0.36	46.66 1.28 -0.38	42.74 0.96 -0.13	40.57 0.93 -0.03	42.58 0.91 -0.20	42.95 0.68 -0.15	38.55 0.71 0.00	37.20 0.48 -0.02	35.17 0.36 -0.01
BROWNFLS_115KV_TB_3_5 80003	22.00 -0.23 0.00	20.36 -0.07 0.00	18.98 0.00 0.00	20.58 0.00 0.00	18.92 0.03 0.00	19.88 0.04 0.00	22.25 0.10 0.00	22.40 -0.02 0.00	24.85 -0.02 0.00	27.08 0.14 0.00	31.15 0.18 0.00	33.83 -0.06 0.00	35.24 -0.32 0.00	37.18 -0.13 -0.01	37.76 -0.32 0.00	44.25 -0.42 -0.32	44.32 -1.02 -0.34	41.03 -0.73 -0.12	39.27 -0.38 -0.03	41.57 -0.08 -0.18	42.35 0.09 -0.13	37.73 -0.10 0.00	36.81 0.10 -0.01	35.33 0.52 -0.01
BROWNSV1_27_KV_LOAD 356125	23.83 1.59 0.00	21.88 1.45 0.00	20.22 1.24 0.00	21.91 1.34 0.00	20.06 1.16 0.00	21.19 1.35 0.00	23.69 1.55 0.00	24.20 1.79 0.00	27.05 2.18 0.00	29.37 2.42 0.00	36.45 3.24 -2.24	40.25 3.76 -2.61	40.99 4.45 -0.98	57.87 4.46 -16.10	42.42 4.35 0.00	49.29 4.94 0.00	50.14 5.14 0.00	46.31 4.67 0.00	43.82 4.20 0.00	45.82 4.36 0.00	46.39 4.26 0.00	41.73 3.90 0.00	40.31 3.61 0.00	37.81 3.00 0.00
BURROWS___LYONSDAL 23803	22.59 0.35 0.00	20.90 0.48 0.00	19.42 0.44 0.00	21.08 0.50 0.00	19.34 0.45 0.00	20.37 0.53 0.00	22.76 0.62 0.00	23.00 0.58 0.00	25.51 0.64 0.00	27.73 0.78 0.00	32.03 1.06 0.00	35.13 1.24 0.00	36.84 1.28 0.00	38.60 1.29 -0.01	39.30 1.23 0.00	45.92 1.30 -0.27	46.28 1.00 -0.29	42.79 1.05 -0.10	40.82 1.18 -0.02	43.14 1.51 -0.15	43.86 1.63 -0.11	39.08 1.25 0.00	37.93 1.22 -0.01	35.97 1.16 -0.01
CAITHNESS_CC_1 323624	23.18 0.95 0.00	21.48 1.06 0.00	19.94 0.96 0.00	21.66 1.09 0.00	19.78 0.88 0.00	20.86 1.02 0.00	23.22 1.07 0.00	23.73 1.31 0.00	26.29 1.42 0.00	28.45 1.51 0.00	37.09 2.65 -3.47	41.17 3.33 -3.95	41.13 3.94 -1.64	57.34 3.79 -16.24	41.82 3.75 0.00	48.16 3.81 0.00	49.11 4.11 0.00	45.42 3.78 0.00	42.75 3.13 0.00	44.52 3.05 0.00	41.95 2.84 3.02	36.56 2.42 3.70	38.90 2.20 0.00	36.54 1.74 0.00
CALPINE BETH_PAGE_GT4 24209	23.38 1.15 0.00	21.59 1.16 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.84 0.95 0.00	20.94 1.10 0.00	23.34 1.20 0.00	23.86 1.45 0.00	26.52 1.65 0.00	28.74 1.79 0.00	37.30 2.85 -3.47	41.22 3.38 -3.95	41.14 3.95 -1.64	57.35 3.80 -16.24	41.79 3.71 0.00	48.35 4.01 0.00	49.28 4.28 0.00	45.59 3.95 0.00	42.99 3.37 0.00	44.77 3.30 0.00	42.84 3.13 2.41	37.70 2.82 2.95	39.37 2.68 0.00	37.12 2.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.38 1.14 0.00	21.59 1.16 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.84 0.94 0.00	20.93 1.09 0.00	23.34 1.20 0.00	23.86 1.45 0.00	26.52 1.65 0.00	28.74 1.80 0.00	37.29 2.85 -3.47	41.21 3.37 -3.95	41.14 3.95 -1.64	57.36 3.81 -16.24	41.79 3.71 0.00	48.35 4.00 0.00	49.28 4.28 0.00	45.59 3.95 0.00	42.99 3.37 0.00	44.78 3.31 0.00	42.85 3.13 2.41	37.70 2.81 2.95	39.37 2.68 0.00	37.12 2.32 0.00
CALPINE_BP_GT1 23823	23.38 1.14 0.00	21.59 1.16 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.84 0.94 0.00	20.93 1.09 0.00	23.34 1.20 0.00	23.86 1.45 0.00	26.52 1.65 0.00	28.74 1.80 0.00	37.29 2.85 -3.47	41.21 3.37 -3.95	41.14 3.95 -1.64	57.36 3.81 -16.24	41.79 3.71 0.00	48.35 4.00 0.00	49.28 4.28 0.00	45.59 3.95 0.00	42.99 3.37 0.00	44.78 3.31 0.00	42.85 3.13 2.41	37.70 2.81 2.95	39.37 2.68 0.00	37.12 2.32 0.00
CALSPAN___DRP 24200	22.73 0.49 0.00	20.75 0.32 0.00	19.10 0.13 0.00	20.64 0.07 0.00	18.73 -0.16 0.00	19.88 0.03 0.00	21.95 -0.20 0.00	22.08 -0.34 0.00	24.31 -0.56 0.00	26.40 -0.54 0.00	30.63 -0.34 0.00	33.49 -0.40 0.00	35.13 -0.43 0.00	36.95 -0.35 0.00	37.80 -0.28 0.00	43.65 -0.69 0.00	44.88 -0.12 0.00	41.05 -0.59 0.00	39.15 -0.47 0.00	40.69 -0.78 0.00	41.07 -1.05 0.00	37.08 -0.75 0.00	35.83 -0.87 0.00	34.28 -0.52 0.00

CALVERTON___SOLAR 323806	23.26 1.03 0.00	21.55 1.13 0.00	20.01 1.04 0.00	21.75 1.18 0.00	19.85 0.96 0.00	20.95 1.10 0.00	23.31 1.16 0.00	23.83 1.41 0.00	26.41 1.54 0.00	28.60 1.65 0.00	37.28 2.83 -3.47	41.37 3.53 -3.95	41.36 4.16 -1.64	57.62 4.08 -16.24	42.12 4.05 0.00	48.49 4.14 0.00	49.46 4.46 0.00	45.73 4.09 0.00	43.01 3.40 0.00	44.73 3.27 0.00	42.18 3.07 3.01	36.71 2.57 3.70	39.01 2.32 0.00	36.63 1.83 0.00
CANDIGU_WT_PWR 323617	22.72 0.48 0.00	20.78 0.36 0.00	19.17 0.19 0.00	20.82 0.24 0.00	18.93 0.04 0.00	20.07 0.23 0.00	22.17 0.02 0.00	22.20 -0.22 0.00	24.34 -0.53 0.00	26.59 -0.35 0.00	30.87 -0.10 0.00	33.94 0.05 0.00	35.73 0.17 0.00	37.42 0.11 0.00	38.30 0.22 0.00	44.60 0.05 -0.20	45.75 0.55 -0.21	41.95 0.24 -0.07	39.85 0.22 -0.02	41.53 -0.05 -0.11	41.70 -0.51 -0.08	37.42 -0.41 0.00	36.06 -0.64 -0.01	34.17 -0.63 -0.01
CARR STREET_E_SYR 24060	22.18 -0.06 0.00	20.35 -0.08 0.00	18.85 -0.13 0.00	20.43 -0.14 0.00	18.73 -0.17 0.00	19.73 -0.11 0.00	21.97 -0.18 0.00	22.25 -0.16 0.00	24.67 -0.20 0.00	26.75 -0.19 0.00	30.94 -0.03 0.00	33.90 0.01 0.00	35.67 0.11 0.00	37.46 0.14 -0.01	38.28 0.21 0.00	45.06 0.20 -0.52	45.89 0.35 -0.54	42.11 0.28 -0.19	39.94 0.28 -0.04	41.98 0.22 -0.29	42.44 0.10 -0.21	37.86 0.02 0.00	36.58 -0.14 -0.02	34.58 -0.23 -0.02
CARTHAGE___PAPER 23857	22.52 0.29 0.00	20.93 0.50 0.00	19.46 0.48 0.00	21.14 0.56 0.00	19.40 0.51 0.00	20.44 0.60 0.00	22.83 0.68 0.00	23.04 0.62 0.00	25.56 0.69 0.00	27.86 0.92 0.00	32.20 1.23 0.00	35.10 1.21 0.00	36.65 1.09 0.00	38.46 1.14 -0.02	38.94 0.86 0.00	46.00 0.99 -0.67	45.84 0.14 -0.70	42.25 0.37 -0.24	40.51 0.84 -0.05	43.20 1.35 -0.38	43.93 1.54 -0.27	38.90 1.06 0.00	37.93 1.21 -0.03	36.15 1.33 -0.02
CASSADAGA_WT_PWR 323784	23.30 1.06 0.00	21.25 0.83 0.00	19.55 0.57 0.00	21.01 0.44 0.00	18.81 -0.09 0.00	19.79 -0.05 0.00	21.75 -0.40 0.00	21.92 -0.49 0.00	24.57 -0.30 0.00	26.88 -0.06 0.00	31.48 0.51 0.00	34.50 0.61 0.00	35.88 0.32 0.00	37.35 0.05 0.00	38.34 0.26 0.00	44.26 -0.09 0.00	45.64 0.64 0.00	42.01 0.37 0.00	39.80 0.18 0.00	41.49 0.02 0.00	41.90 -0.23 0.00	37.69 -0.14 0.00	36.58 -0.12 0.00	35.08 0.28 0.00
CE_DUNWOOD___DRP 24194	23.39 1.16 0.00	21.49 1.07 0.00	19.87 0.90 0.00	21.55 0.98 0.00	19.74 0.84 0.00	20.83 0.99 0.00	23.28 1.13 0.00	23.74 1.33 0.00	26.50 1.63 0.00	28.72 1.78 0.00	35.82 2.46 -2.39	39.55 2.88 -2.78	40.09 3.48 -1.05	57.95 3.47 -17.18	41.42 3.34 0.00	48.15 3.80 0.00	49.00 4.00 0.00	45.30 3.66 0.00	42.90 3.28 0.00	44.86 3.40 0.00	45.44 3.32 0.00	40.82 3.00 0.00	39.41 2.71 0.00	36.98 2.18 0.00
CE_MILLWOOD___DRP 24193	23.35 1.11 0.00	21.45 1.03 0.00	19.84 0.86 0.00	21.51 0.94 0.00	19.70 0.81 0.00	20.80 0.95 0.00	23.23 1.08 0.00	23.69 1.28 0.00	26.44 1.57 0.00	28.65 1.71 0.00	35.84 2.37 -2.50	39.56 2.76 -2.91	40.02 3.37 -1.10	58.62 3.34 -17.97	41.30 3.22 0.00	48.02 3.67 0.00	48.88 3.88 0.00	45.20 3.56 0.00	42.79 3.17 0.00	44.76 3.30 0.00	45.36 3.23 0.00	40.74 2.91 0.00	39.33 2.63 0.00	36.89 2.09 0.00
CE_NYC2_DRP 24202	23.53 1.29 0.00	21.63 1.20 0.00	19.99 1.02 0.00	21.65 1.08 0.00	19.85 0.95 0.00	20.95 1.11 0.00	23.43 1.28 0.00	23.94 1.52 0.00	26.73 1.86 0.00	29.00 2.06 0.00	36.01 2.80 -2.24	39.73 3.23 -2.61	40.44 3.90 -0.98	57.23 3.83 -16.10	41.72 3.65 0.00	48.27 4.11 0.19	44.49 4.31 4.82	44.20 3.90 1.34	40.85 3.48 2.25	42.91 3.56 2.12	41.54 3.49 4.08	41.02 3.19 0.00	39.65 2.96 0.00	37.26 2.46 0.00
CE_NYC_DRP 24195	23.53 1.30 0.00	21.61 1.19 0.00	19.99 1.01 0.00	21.66 1.09 0.00	19.84 0.95 0.00	20.96 1.12 0.00	23.43 1.28 0.00	23.93 1.51 0.00	26.73 1.86 0.00	29.00 2.06 0.00	36.03 2.82 -2.24	39.77 3.27 -2.61	40.47 3.93 -0.98	57.32 3.92 -16.10	41.86 3.79 0.00	48.63 4.29 0.00	49.46 4.46 0.00	45.69 4.05 0.00	43.23 3.61 0.00	45.20 3.74 0.00	45.75 3.63 0.00	41.16 3.33 0.00	39.75 3.05 0.00	37.30 2.49 0.00
CHAFFEE___LFGE 323603	22.84 0.61 0.00	20.84 0.42 0.00	19.19 0.22 0.00	20.74 0.16 0.00	18.82 -0.07 0.00	19.98 0.14 0.00	22.07 -0.08 0.00	22.24 -0.18 0.00	24.49 -0.38 0.00	26.59 -0.35 0.00	30.86 -0.11 0.00	33.76 -0.13 0.00	35.43 -0.13 0.00	37.25 -0.05 0.00	38.10 0.02 0.00	44.00 -0.35 0.00	45.25 0.25 0.00	41.37 -0.27 0.00	39.44 -0.17 0.00	40.97 -0.50 0.00	41.37 -0.76 0.00	37.36 -0.47 0.00	36.07 -0.63 0.00	34.48 -0.32 0.00
CHATEAUG_35_KV_LOAD 355732	22.43 0.20 0.00	20.53 0.10 0.00	19.17 0.19 0.00	20.79 0.22 0.00	19.20 0.30 0.00	20.15 0.31 0.00	22.56 0.41 0.00	22.64 0.22 0.00	25.07 0.20 0.00	27.22 0.28 0.00	31.15 0.18 0.00	33.85 -0.04 0.00	34.58 -0.98 0.00	36.19 -1.11 0.00	37.08 -1.00 0.00	43.37 -0.98 0.00	43.74 -1.26 0.00	40.63 -1.02 0.00	38.62 -1.00 0.00	40.37 -1.10 0.00	41.25 -0.88 0.00	37.32 -0.51 0.00	36.84 0.15 0.00	35.47 0.67 0.00
CHATEAUG_WT_PWR 323614	22.40 0.16 0.00	20.50 0.08 0.00	19.15 0.17 0.00	20.78 0.20 0.00	19.17 0.28 0.00	20.14 0.30 0.00	22.52 0.37 0.00	22.63 0.21 0.00	25.06 0.19 0.00	27.19 0.24 0.00	31.12 0.15 0.00	33.82 -0.07 0.00	34.59 -0.97 0.00	36.16 -1.14 0.00	37.00 -1.07 0.00	43.29 -1.06 0.00	43.67 -1.34 0.00	40.54 -1.10 0.00	38.53 -1.09 0.00	40.28 -1.18 0.00	41.18 -0.95 0.00	37.24 -0.60 0.00	36.79 0.09 0.00	35.38 0.58 0.00
CHAT_HIGH_FALL_HYD 323578	22.43 0.20 0.00	20.53 0.10 0.00	19.17 0.19 0.00	20.79 0.22 0.00	19.20 0.30 0.00	20.15 0.31 0.00	22.56 0.41 0.00	22.64 0.22 0.00	25.07 0.20 0.00	27.22 0.28 0.00	31.15 0.18 0.00	33.85 -0.04 0.00	34.58 -0.98 0.00	36.19 -1.11 0.00	37.08 -1.00 0.00	43.37 -0.98 0.00	43.74 -1.26 0.00	40.63 -1.02 0.00	38.62 -1.00 0.00	40.37 -1.10 0.00	41.25 -0.88 0.00	37.32 -0.51 0.00	36.84 0.15 0.00	35.47 0.67 0.00
CHAUTAUQUA___LFGE 323629	23.03 0.79 0.00	21.00 0.57 0.00	19.32 0.34 0.00	20.86 0.28 0.00	18.78 -0.12 0.00	19.85 0.01 0.00	21.89 -0.25 0.00	22.04 -0.38 0.00	24.53 -0.34 0.00	26.75 -0.19 0.00	31.17 0.20 0.00	34.21 0.33 0.00	35.80 0.24 0.00	37.43 0.13 0.00	38.35 0.28 0.00	44.26 -0.09 0.00	45.61 0.61 0.00	41.82 0.18 0.00	39.74 0.12 0.00	41.37 -0.09 0.00	41.69 -0.43 0.00	37.66 -0.17 0.00	36.40 -0.29 0.00	34.82 0.02 0.00
CHERRYST_13_KV_LD 356241	23.62 1.39 0.00	21.70 1.27 0.00	20.05 1.08 0.00	21.74 1.16 0.00	19.91 1.01 0.00	21.04 1.20 0.00	23.52 1.37 0.00	24.03 1.62 0.00	26.86 1.99 0.00	29.16 2.21 0.00	36.20 2.99 -2.24	39.97 3.47 -2.61	40.68 4.14 -0.98	57.55 4.14 -16.10	42.10 4.03 0.00	48.90 4.55 0.00	49.73 4.73 0.00	45.93 4.29 0.00	43.44 3.82 0.00	45.40 3.93 0.00	45.95 3.82 0.00	41.33 3.49 0.00	39.90 3.21 0.00	37.42 2.62 0.00

CHESTROR_138KV_BK263 355645	23.17 0.93 0.00	21.28 0.85 0.00	19.69 0.71 0.00	21.35 0.78 0.00	19.56 0.66 0.00	20.63 0.79 0.00	23.03 0.88 0.00	23.46 1.04 0.00	26.15 1.28 0.00	28.32 1.38 0.00	30.71 1.91 2.18	33.61 2.25 2.53	37.40 2.80 0.95	24.43 2.75 15.62	40.74 2.66 0.00	47.43 3.08 0.00	48.27 3.27 0.00	44.66 3.02 0.00	42.36 2.75 0.00	44.30 2.84 0.00	44.91 2.78 0.00	40.33 2.50 0.00	38.92 2.23 0.00	36.54 1.74 0.00
CH_MIDHUDSON___DRP 24192	23.38 1.15 0.00	21.47 1.04 0.00	19.82 0.84 0.00	21.50 0.93 0.00	19.70 0.80 0.00	20.78 0.94 0.00	23.24 1.10 0.00	23.69 1.28 0.00	26.41 1.54 0.00	28.60 1.66 0.00	33.57 2.23 -0.36	36.95 2.63 -0.42	38.94 3.22 -0.16	43.29 3.25 -2.74	41.25 3.18 0.00	48.04 3.70 0.00	48.91 3.91 0.00	45.25 3.61 0.00	42.92 3.30 0.00	44.86 3.39 0.00	45.44 3.32 0.00	40.74 2.91 0.00	39.28 2.59 0.00	36.83 2.03 0.00
CH_MISC_IPPS 23765	23.53 1.30 0.00	21.60 1.17 0.00	19.95 0.97 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.91 1.07 0.00	23.38 1.23 0.00	23.85 1.43 0.00	26.61 1.74 0.00	28.83 1.89 0.00	33.49 2.52 0.00	36.84 2.95 0.00	39.17 3.61 0.00	40.93 3.63 0.00	41.65 3.57 0.00	48.53 4.18 0.00	49.43 4.43 0.00	45.73 4.09 0.00	43.33 3.72 0.00	45.31 3.84 0.00	45.87 3.74 0.00	41.12 3.28 0.00	39.63 2.93 0.00	37.14 2.34 0.00
CH_RES_BVR_FALLS 23983	21.91 -0.32 0.00	20.21 -0.21 0.00	18.83 -0.14 0.00	20.43 -0.15 0.00	18.79 -0.10 0.00	19.66 -0.18 0.00	21.96 -0.19 0.00	22.05 -0.37 0.00	24.51 -0.35 0.00	26.65 -0.29 0.00	30.48 -0.49 0.00	33.21 -0.67 0.00	34.59 -0.97 0.00	36.37 -0.93 0.00	37.13 -0.95 0.00	43.20 -1.15 0.00	43.56 -1.44 0.00	40.26 -1.38 0.00	38.40 -1.22 0.00	40.39 -1.08 0.00	41.15 -0.98 0.00	36.93 -0.90 0.00	36.09 -0.60 0.00	34.56 -0.24 0.00
CH_RES_NIAGARA 23895	22.01 -0.23 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.70 0.00	19.30 -0.54 0.00	21.30 -0.85 0.00	21.40 -1.02 0.00	23.47 -1.40 0.00	25.41 -1.53 0.00	29.41 -1.56 0.00	31.87 -2.02 0.00	33.37 -2.19 0.00	35.19 -2.11 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.24 -2.38 0.00	38.66 -2.81 0.00	39.13 -3.00 0.00	35.35 -2.49 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
CH_RES_SYRACUSE 23985	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.97 0.03 0.00	31.18 0.22 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.62 0.61 -0.54	43.00 0.48 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03
CLINTON_WT_PWR 323605	22.40 0.16 0.00	20.50 0.08 0.00	19.15 0.17 0.00	20.78 0.20 0.00	19.17 0.28 0.00	20.14 0.30 0.00	22.52 0.37 0.00	22.63 0.21 0.00	25.06 0.19 0.00	27.19 0.24 0.00	31.12 0.15 0.00	33.82 -0.07 0.00	34.59 -0.97 0.00	36.16 -1.14 0.00	37.00 -1.07 0.00	43.29 -1.06 0.00	43.67 -1.34 0.00	40.54 -1.10 0.00	38.53 -1.09 0.00	40.28 -1.18 0.00	41.18 -0.95 0.00	37.24 -0.60 0.00	36.79 0.09 0.00	35.38 0.58 0.00
CLINTON___LFGE 323618	23.23 0.99 0.00	21.17 0.74 0.00	19.67 0.70 0.00	21.42 0.85 0.00	19.78 0.88 0.00	20.84 1.00 0.00	23.30 1.15 0.00	23.32 0.90 0.00	25.80 0.93 0.00	27.88 0.94 0.00	32.13 1.17 0.00	34.98 1.09 0.00	35.48 -0.08 0.00	36.80 -0.50 0.00	37.53 -0.55 0.00	43.79 -0.56 0.00	44.23 -0.77 0.00	41.09 -0.55 0.00	39.05 -0.56 0.00	40.82 -0.64 0.00	41.62 -0.50 0.00	37.80 -0.03 0.00	37.75 1.05 0.00	36.43 1.63 0.00
COBBLENY_34_KV_TB1 80064	22.83 0.59 0.00	20.85 0.42 0.00	19.19 0.22 0.00	20.73 0.16 0.00	18.82 -0.07 0.00	19.98 0.14 0.00	22.07 -0.08 0.00	22.24 -0.17 0.00	24.50 -0.37 0.00	26.61 -0.34 0.00	30.86 -0.11 0.00	33.72 -0.17 0.00	35.41 -0.14 0.00	37.24 -0.06 0.00	38.10 0.02 0.00	44.00 -0.35 0.00	45.25 0.25 0.00	41.38 -0.26 0.00	39.45 -0.17 0.00	40.99 -0.48 0.00	41.39 -0.74 0.00	37.36 -0.47 0.00	36.07 -0.62 0.00	34.48 -0.32 0.00
COFFEEN___115KV_TB3 355620	22.75 0.52 0.00	21.13 0.70 0.00	19.61 0.63 0.00	21.30 0.73 0.00	19.54 0.64 0.00	20.60 0.75 0.00	22.98 0.83 0.00	23.24 0.82 0.00	25.83 0.96 0.00	28.13 1.19 0.00	32.63 1.66 0.00	35.55 1.66 0.00	37.15 1.59 0.00	38.93 1.61 -0.02	39.28 1.20 0.00	46.66 1.50 -0.81	46.37 0.51 -0.85	42.71 0.77 -0.30	41.10 1.41 -0.06	43.89 1.96 -0.46	44.60 2.14 -0.33	39.38 1.54 0.00	38.37 1.64 -0.04	36.43 1.60 -0.03
COLDSPRG_115KV_BK1 355956	23.33 1.09 0.00	21.34 0.92 0.00	19.66 0.68 0.00	21.24 0.67 0.00	19.17 0.28 0.00	20.31 0.47 0.00	22.45 0.30 0.00	22.68 0.26 0.00	25.27 0.40 0.00	27.40 0.45 0.00	31.87 0.90 0.00	34.89 1.00 0.00	36.53 0.97 0.00	38.14 0.84 0.00	39.05 0.97 0.00	45.00 0.65 0.00	46.26 1.26 0.00	42.37 0.73 0.00	40.26 0.64 0.00	41.88 0.41 0.00	42.19 0.06 0.00	38.14 0.31 0.00	36.99 0.29 0.00	35.35 0.55 0.00
COLONIE_LFGE___ 323577	23.19 0.95 0.00	21.24 0.81 0.00	19.67 0.69 0.00	21.40 0.82 0.00	19.64 0.74 0.00	20.61 0.77 0.00	23.01 0.86 0.00	23.36 0.94 0.00	25.88 1.01 0.00	27.86 0.91 0.00	32.44 1.09 -0.38	35.62 1.29 -0.44	37.32 1.60 -0.17	41.72 1.69 -2.73	39.81 1.73 0.00	46.34 1.99 0.00	47.17 2.17 0.00	43.72 2.08 0.00	41.57 1.95 0.00	43.54 2.08 0.00	44.32 2.19 0.00	39.67 1.84 0.00	38.30 1.60 0.00	35.97 1.18 0.00
COOPERNY_115KV_TB1 80082	22.92 0.68 0.00	21.04 0.61 0.00	19.48 0.50 0.00	21.13 0.56 0.00	19.36 0.47 0.00	20.40 0.56 0.00	22.77 0.63 0.00	23.16 0.74 0.00	25.78 0.91 0.00	27.94 0.99 0.00	31.52 1.42 0.86	34.55 1.67 1.01	37.28 2.10 0.38	33.16 2.05 6.19	40.07 1.99 0.00	46.64 2.29 0.00	47.45 2.45 0.00	43.90 2.25 0.00	41.66 2.04 0.00	43.58 2.11 0.00	44.17 2.04 0.00	39.66 1.83 0.00	38.30 1.61 0.00	36.04 1.24 0.00
COPENHAGEN_WT_PWR 323753	22.38 0.14 0.00	20.86 0.44 0.00	19.39 0.41 0.00	21.07 0.49 0.00	19.32 0.43 0.00	20.36 0.52 0.00	22.69 0.54 0.00	22.92 0.51 0.00	25.45 0.57 0.00	27.74 0.79 0.00	32.13 1.16 0.00	35.06 1.18 0.00	36.62 1.06 0.00	38.43 1.10 -0.02	38.82 0.74 0.00	46.19 0.99 -0.85	45.91 0.01 -0.90	42.17 0.21 -0.31	40.40 0.72 -0.07	43.21 1.27 -0.48	43.90 1.43 -0.35	38.72 0.88 0.00	37.86 1.12 -0.04	35.97 1.14 -0.03
CORNELL_____ 23752	22.87 0.64 0.00	20.94 0.52 0.00	19.40 0.42 0.00	21.05 0.47 0.00	19.26 0.37 0.00	20.34 0.50 0.00	22.68 0.53 0.00	22.95 0.53 0.00	25.40 0.53 0.00	27.49 0.54 0.00	31.82 0.85 0.00	34.93 1.04 0.00	36.69 1.13 0.00	38.54 1.22 -0.01	39.46 1.38 0.00	46.65 1.79 -0.51	47.21 1.67 -0.54	43.54 1.71 -0.19	41.38 1.73 -0.04	43.48 1.73 -0.29	43.89 1.56 -0.21	39.23 1.40 0.00	37.85 1.13 -0.02	35.75 0.94 -0.02

CORONA_69_KV_TB1 355595	23.61 1.37 0.00	21.76 1.33 0.00	20.15 1.17 0.00	21.86 1.28 0.00	19.99 1.09 0.00	21.10 1.26 0.00	23.53 1.38 0.00	24.04 1.63 0.00	26.75 1.88 0.00	28.99 2.05 0.00	37.54 3.73 -3.47	41.56 3.73 -3.95	41.48 4.28 -1.64	57.68 4.13 -16.24	42.08 4.00 0.00	48.77 4.43 0.00	49.71 4.71 0.00	45.96 4.32 0.00	43.39 3.78 0.00	45.25 3.78 0.00	45.34 3.65 0.43	40.64 3.33 0.52	39.78 3.08 0.00	37.40 2.60 0.00
CORTLAND_115KV_TB3 80093	22.65 0.41 0.00	20.77 0.34 0.00	19.23 0.26 0.00	20.88 0.30 0.00	19.10 0.20 0.00	20.16 0.32 0.00	22.47 0.32 0.00	22.76 0.34 0.00	25.22 0.35 0.00	27.32 0.38 0.00	31.62 0.66 0.00	34.69 0.80 0.00	36.52 0.96 0.00	38.31 0.99 -0.01	39.18 1.11 0.00	46.24 1.35 -0.54	46.85 1.28 -0.57	43.11 1.27 -0.20	40.93 1.27 -0.04	43.07 1.30 -0.30	43.48 1.14 -0.22	38.84 1.01 0.00	37.49 0.77 -0.02	35.43 0.61 -0.02
COXSACKIE___GT 23611	23.74 1.50 0.00	21.70 1.27 0.00	20.08 1.10 0.00	21.85 1.28 0.00	20.05 1.15 0.00	21.04 1.20 0.00	23.51 1.37 0.00	23.86 1.45 0.00	26.32 1.45 0.00	28.06 1.12 0.00	32.15 1.18 0.00	35.09 1.21 0.00	37.01 1.45 0.00	38.90 1.59 0.00	40.21 2.13 0.00	47.21 2.86 0.00	48.21 3.21 0.00	45.07 3.42 0.00	43.16 3.54 0.00	45.28 3.81 0.00	46.06 3.93 0.00	41.11 3.28 0.00	39.54 2.85 0.00	37.25 2.45 0.00
CPV_VALLEY___CC1 323721	22.98 0.75 0.00	21.12 0.69 0.00	19.55 0.57 0.00	21.20 0.63 0.00	19.42 0.53 0.00	20.47 0.63 0.00	22.86 0.71 0.00	23.27 0.86 0.00	25.94 1.07 0.00	28.09 1.15 0.00	31.26 1.64 1.35	34.25 1.93 1.57	37.39 2.42 0.59	30.01 2.38 9.67	40.35 2.27 0.00	46.96 2.61 0.00	47.79 2.79 0.00	44.20 2.56 0.00	41.91 2.30 0.00	43.85 2.39 0.00	44.45 2.33 0.00	39.91 2.08 0.00	38.55 1.85 0.00	36.21 1.41 0.00
CPV_VALLEY___CC2 323722	22.98 0.75 0.00	21.12 0.69 0.00	19.55 0.57 0.00	21.20 0.63 0.00	19.42 0.53 0.00	20.47 0.63 0.00	22.86 0.71 0.00	23.27 0.86 0.00	25.94 1.07 0.00	28.09 1.15 0.00	31.26 1.64 1.35	34.25 1.93 1.57	37.39 2.42 0.59	30.01 2.38 9.67	40.35 2.27 0.00	46.96 2.61 0.00	47.79 2.79 0.00	44.20 2.56 0.00	41.91 2.30 0.00	43.85 2.39 0.00	44.45 2.33 0.00	39.91 2.08 0.00	38.55 1.85 0.00	36.21 1.41 0.00
CRESCENT___HYD 24018	23.19 0.95 0.00	21.24 0.81 0.00	19.67 0.69 0.00	21.40 0.82 0.00	19.64 0.74 0.00	20.61 0.77 0.00	23.01 0.86 0.00	23.36 0.94 0.00	25.88 1.01 0.00	27.86 0.91 0.00	32.44 1.09 -0.38	35.62 1.29 -0.44	37.32 1.60 -0.17	41.72 1.69 -2.73	39.81 1.73 0.00	46.34 1.99 0.00	47.17 2.17 0.00	43.72 2.08 0.00	41.57 1.95 0.00	43.54 2.08 0.00	44.32 2.19 0.00	39.67 1.84 0.00	38.30 1.60 0.00	35.97 1.18 0.00
CRICKET___VALLEY_CC1 323756	23.16 0.93 0.00	21.28 0.85 0.00	19.60 0.62 0.00	21.26 0.68 0.00	19.51 0.62 0.00	20.58 0.74 0.00	23.05 0.90 0.00	23.49 1.07 0.00	26.15 1.28 0.00	28.25 1.31 0.00	33.66 1.76 -0.92	37.03 2.06 -1.07	38.54 2.58 -0.40	46.53 2.60 -6.62	40.59 2.51 0.00	47.27 2.92 0.00	48.14 3.14 0.00	44.55 2.91 0.00	42.32 2.70 0.00	44.26 2.80 0.00	44.85 2.72 0.00	40.17 2.34 0.00	38.72 2.02 0.00	36.30 1.50 0.00
CRICKET___VALLEY_CC2 323757	23.16 0.93 0.00	21.28 0.85 0.00	19.60 0.62 0.00	21.26 0.68 0.00	19.51 0.62 0.00	20.58 0.74 0.00	23.05 0.90 0.00	23.49 1.07 0.00	26.15 1.28 0.00	28.25 1.31 0.00	33.66 1.76 -0.92	37.03 2.06 -1.07	38.54 2.58 -0.40	46.53 2.60 -6.62	40.59 2.51 0.00	47.27 2.92 0.00	48.14 3.14 0.00	44.55 2.91 0.00	42.32 2.70 0.00	44.26 2.80 0.00	44.85 2.72 0.00	40.17 2.34 0.00	38.72 2.02 0.00	36.30 1.50 0.00
CRICKET___VALLEY_CC3 323758	23.16 0.93 0.00	21.28 0.85 0.00	19.60 0.62 0.00	21.26 0.68 0.00	19.51 0.62 0.00	20.58 0.74 0.00	23.05 0.90 0.00	23.49 1.07 0.00	26.15 1.28 0.00	28.25 1.31 0.00	33.66 1.76 -0.92	37.03 2.06 -1.07	38.54 2.58 -0.40	46.53 2.60 -6.62	40.59 2.51 0.00	47.27 2.92 0.00	48.14 3.14 0.00	44.55 2.91 0.00	42.32 2.70 0.00	44.26 2.80 0.00	44.85 2.72 0.00	40.17 2.34 0.00	38.72 2.02 0.00	36.30 1.50 0.00
CRUCIBLE_METL_DRP 24180	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.98 0.04 0.00	31.18 0.21 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.63 0.62 -0.54	43.00 0.49 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03
DAHOWA___HYDRO 323763	24.01 1.77 0.00	21.91 1.49 0.00	20.21 1.23 0.00	21.95 1.37 0.00	20.11 1.22 0.00	21.08 1.24 0.00	23.53 1.38 0.00	23.85 1.43 0.00	26.28 1.41 0.00	28.19 1.25 0.00	32.65 1.32 -0.36	35.93 1.62 -0.42	37.76 2.04 -0.16	42.20 2.31 -2.58	40.62 2.54 0.00	47.22 2.87 0.00	48.46 3.46 0.00	44.94 3.30 0.00	42.77 3.15 0.00	44.87 3.40 0.00	45.60 3.48 0.00	40.79 2.96 0.00	39.37 2.67 0.00	36.88 2.08 0.00
DANC___LFGE 323619	22.27 0.03 0.00	20.63 0.21 0.00	19.13 0.16 0.00	20.79 0.21 0.00	19.06 0.17 0.00	20.06 0.22 0.00	22.38 0.23 0.00	22.63 0.21 0.00	25.11 0.23 0.00	27.30 0.35 0.00	31.61 0.64 0.00	34.52 0.63 0.00	36.13 0.57 0.00	37.89 0.56 -0.03	38.43 0.35 0.00	45.90 0.48 -1.07	46.06 -0.06 -1.12	42.02 -0.02 -0.39	40.05 0.34 -0.09	42.73 0.66 -0.60	43.31 0.75 -0.43	38.26 0.42 -0.01	37.31 0.57 -0.05	35.38 0.54 -0.03
DANSKAMMER___1 23586	23.53 1.30 0.00	21.60 1.17 0.00	19.95 0.97 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.91 1.07 0.00	23.38 1.23 0.00	23.85 1.43 0.00	26.61 1.74 0.00	28.83 1.89 0.00	33.49 2.52 0.00	36.84 2.95 0.00	39.17 3.61 0.00	40.93 3.63 0.00	41.65 3.57 0.00	48.53 4.18 0.00	49.43 4.43 0.00	45.73 4.09 0.00	43.33 3.72 0.00	45.31 3.84 0.00	45.87 3.74 0.00	41.12 3.28 0.00	39.63 2.93 0.00	37.14 2.34 0.00
DANSKAMMER___2 23589	23.53 1.30 0.00	21.60 1.17 0.00	19.95 0.97 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.91 1.07 0.00	23.38 1.23 0.00	23.85 1.43 0.00	26.61 1.74 0.00	28.83 1.89 0.00	33.49 2.52 0.00	36.84 2.95 0.00	39.17 3.61 0.00	40.93 3.63 0.00	41.65 3.57 0.00	48.53 4.18 0.00	49.43 4.43 0.00	45.73 4.09 0.00	43.33 3.72 0.00	45.31 3.84 0.00	45.87 3.74 0.00	41.12 3.28 0.00	39.63 2.93 0.00	37.14 2.34 0.00
DANSKAMMER___3 23590	23.53 1.30 0.00	21.60 1.17 0.00	19.95 0.97 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.91 1.07 0.00	23.38 1.23 0.00	23.85 1.43 0.00	26.61 1.74 0.00	28.83 1.89 0.00	33.49 2.52 0.00	36.84 2.95 0.00	39.17 3.61 0.00	40.93 3.63 0.00	41.65 3.57 0.00	48.53 4.18 0.00	49.43 4.43 0.00	45.73 4.09 0.00	43.33 3.72 0.00	45.31 3.84 0.00	45.87 3.74 0.00	41.12 3.28 0.00	39.63 2.93 0.00	37.14 2.34 0.00

DANSKAMMER___4 23591	23.53 1.30 0.00	21.60 1.17 0.00	19.95 0.97 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.91 1.07 0.00	23.38 1.23 0.00	23.85 1.43 0.00	26.61 1.74 0.00	28.83 1.89 0.00	33.49 2.52 0.00	36.84 2.95 0.00	39.17 3.61 0.00	40.93 3.63 0.00	41.65 3.57 0.00	48.53 4.18 0.00	49.43 4.43 0.00	45.73 4.09 0.00	43.33 3.72 0.00	45.31 3.84 0.00	45.87 3.74 0.00	41.12 3.28 0.00	39.63 2.93 0.00	37.14 2.34 0.00
DANSKAMMER___DIESEL 23592	23.53 1.30 0.00	21.60 1.17 0.00	19.95 0.97 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.91 1.07 0.00	23.38 1.23 0.00	23.85 1.43 0.00	26.61 1.74 0.00	28.83 1.89 0.00	33.49 2.52 0.00	36.85 2.96 0.00	39.17 3.61 0.00	40.93 3.63 0.00	41.65 3.57 0.00	48.52 4.18 0.00	49.43 4.43 0.00	45.73 4.09 0.00	43.33 3.72 0.00	45.30 3.84 0.00	45.87 3.74 0.00	41.11 3.28 0.00	39.63 2.94 0.00	37.14 2.34 0.00
DARBY___SOLAR 323810	23.84 1.61 0.00	21.78 1.36 0.00	20.10 1.12 0.00	21.83 1.25 0.00	20.00 1.11 0.00	20.97 1.13 0.00	23.41 1.26 0.00	23.73 1.32 0.00	26.16 1.29 0.00	28.08 1.14 0.00	32.55 1.22 -0.36	35.78 1.47 -0.42	37.62 1.90 -0.16	42.07 2.16 -2.61	40.42 2.35 0.00	46.99 2.64 0.00	48.18 3.18 0.00	44.70 3.06 0.00	42.52 2.91 0.00	44.62 3.15 0.00	45.36 3.23 0.00	40.57 2.74 0.00	39.16 2.47 0.00	36.72 1.91 0.00
DASHVILLE___HYD 23610	23.29 1.06 0.00	21.38 0.96 0.00	19.75 0.78 0.00	21.42 0.84 0.00	19.62 0.72 0.00	20.70 0.86 0.00	23.15 1.00 0.00	23.62 1.20 0.00	26.36 1.49 0.00	28.56 1.62 0.00	33.22 2.25 0.00	36.57 2.68 0.00	38.87 3.31 0.00	40.63 3.33 0.00	41.29 3.21 0.00	48.13 3.78 0.00	49.06 4.06 0.00	45.34 3.70 0.00	42.95 3.34 0.00	44.91 3.45 0.00	45.46 3.33 0.00	40.77 2.94 0.00	39.29 2.59 0.00	36.77 1.96 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.76 1.53 0.00	21.94 1.52 0.00	20.43 1.45 0.00	22.23 1.65 0.00	20.29 1.40 0.00	21.41 1.58 0.00	23.85 1.70 0.00	24.46 2.04 0.00	27.18 2.31 0.00	29.49 2.55 0.00	38.41 3.97 -3.47	42.53 4.69 -3.95	42.61 5.42 -1.64	58.99 5.44 -16.24	43.49 5.41 0.00	49.98 5.63 0.00	50.93 5.93 0.00	46.91 5.27 0.00	43.84 4.22 0.00	45.39 3.92 0.00	42.84 3.73 3.01	37.13 2.99 3.69	39.41 2.71 0.00	36.95 2.15 0.00
DELAWARE___LFGE 323621	22.89 0.65 0.00	21.01 0.58 0.00	19.48 0.50 0.00	21.15 0.58 0.00	19.38 0.49 0.00	20.41 0.57 0.00	22.81 0.66 0.00	23.14 0.72 0.00	25.72 0.85 0.00	27.88 0.93 0.00	32.26 1.29 0.00	35.39 1.50 0.00	37.31 1.75 0.00	39.04 1.73 0.00	39.83 1.75 0.00	46.49 1.98 -0.16	47.26 2.09 -0.17	43.56 1.86 -0.06	41.40 1.77 -0.01	43.38 1.82 -0.09	43.93 1.74 -0.07	39.42 1.59 0.00	38.12 1.41 -0.01	35.97 1.16 0.00
DERFIELD_115KV_TB7 355931	22.34 0.10 0.00	20.52 0.10 0.00	19.06 0.08 0.00	20.68 0.10 0.00	18.97 0.07 0.00	19.94 0.10 0.00	22.25 0.10 0.00	22.55 0.13 0.00	25.01 0.14 0.00	27.06 0.12 0.00	31.18 0.22 0.00	34.19 0.30 0.00	35.98 0.42 0.00	37.72 0.41 0.00	38.49 0.42 0.00	44.79 0.44 0.00	45.50 0.49 0.00	42.10 0.45 0.00	40.03 0.41 0.00	41.92 0.45 0.00	42.57 0.44 0.00	38.21 0.38 0.00	36.99 0.29 0.00	34.97 0.17 0.00
DOGLEVILLE___HYD 23807	22.56 0.33 0.00	20.65 0.22 0.00	19.12 0.14 0.00	20.78 0.21 0.00	19.04 0.15 0.00	20.01 0.17 0.00	22.38 0.23 0.00	22.66 0.25 0.00	24.86 -0.01 0.00	26.64 -0.30 0.00	30.80 -0.16 0.00	34.05 0.16 0.00	36.31 0.75 0.00	38.07 0.77 0.00	39.12 1.04 0.00	45.32 0.98 0.00	46.30 1.30 0.00	42.73 1.09 0.00	40.60 0.98 0.00	42.72 1.25 0.00	43.52 1.39 0.00	39.19 1.35 0.00	37.70 1.00 0.00	35.28 0.48 0.00
DUNKIRK___115KV_TB_200 55889	22.97 0.73 0.00	20.95 0.52 0.00	19.28 0.31 0.00	20.83 0.25 0.00	18.77 -0.13 0.00	19.87 0.03 0.00	21.91 -0.23 0.00	22.06 -0.36 0.00	24.54 -0.33 0.00	26.74 -0.20 0.00	31.12 0.15 0.00	34.14 0.25 0.00	35.79 0.23 0.00	37.43 0.13 0.00	38.35 0.28 0.00	44.24 -0.11 0.00	45.58 0.58 0.00	41.76 0.11 0.00	39.70 0.09 0.00	41.35 -0.11 0.00	41.67 -0.45 0.00	37.62 -0.21 0.00	36.36 -0.34 0.00	34.76 -0.04 0.00
DUNKIRK___1 23563	22.97 0.73 0.00	20.95 0.52 0.00	19.28 0.31 0.00	20.83 0.25 0.00	18.77 -0.13 0.00	19.87 0.03 0.00	21.91 -0.23 0.00	22.06 -0.36 0.00	24.54 -0.33 0.00	26.74 -0.20 0.00	31.12 0.15 0.00	34.14 0.25 0.00	35.79 0.23 0.00	37.43 0.13 0.00	38.35 0.28 0.00	44.24 -0.11 0.00	45.58 0.58 0.00	41.76 0.11 0.00	39.70 0.09 0.00	41.35 -0.11 0.00	41.67 -0.45 0.00	37.62 -0.21 0.00	36.36 -0.34 0.00	34.76 -0.04 0.00
DUNKIRK___2 23564	22.97 0.73 0.00	20.95 0.52 0.00	19.28 0.31 0.00	20.83 0.25 0.00	18.77 -0.13 0.00	19.87 0.03 0.00	21.91 -0.23 0.00	22.06 -0.36 0.00	24.54 -0.33 0.00	26.74 -0.20 0.00	31.12 0.15 0.00	34.14 0.25 0.00	35.79 0.23 0.00	37.43 0.13 0.00	38.35 0.28 0.00	44.24 -0.11 0.00	45.58 0.58 0.00	41.76 0.11 0.00	39.70 0.09 0.00	41.35 -0.11 0.00	41.67 -0.45 0.00	37.62 -0.21 0.00	36.36 -0.34 0.00	34.76 -0.04 0.00
DUNKIRK___3 23565	22.83 0.60 0.00	20.84 0.42 0.00	19.19 0.21 0.00	20.74 0.17 0.00	18.74 -0.15 0.00	19.86 0.02 0.00	21.92 -0.23 0.00	22.07 -0.35 0.00	24.47 -0.39 0.00	26.64 -0.30 0.00	30.95 -0.02 0.00	33.94 0.05 0.00	35.60 0.04 0.00	37.29 -0.01 0.00	38.17 0.09 0.00	44.03 -0.31 0.00	45.31 0.31 0.00	41.49 -0.15 0.00	39.51 -0.11 0.00	41.11 -0.36 0.00	41.43 -0.70 0.00	37.43 -0.40 0.00	36.16 -0.53 0.00	34.57 -0.23 0.00
DUNKIRK___4 23566	22.83 0.60 0.00	20.84 0.42 0.00	19.19 0.21 0.00	20.74 0.17 0.00	18.74 -0.15 0.00	19.86 0.02 0.00	21.92 -0.23 0.00	22.07 -0.35 0.00	24.47 -0.39 0.00	26.64 -0.30 0.00	30.95 -0.02 0.00	33.94 0.05 0.00	35.60 0.04 0.00	37.29 -0.01 0.00	38.17 0.09 0.00	44.03 -0.31 0.00	45.31 0.31 0.00	41.49 -0.15 0.00	39.51 -0.11 0.00	41.11 -0.36 0.00	41.43 -0.70 0.00	37.43 -0.40 0.00	36.16 -0.53 0.00	34.57 -0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.44 1.21 0.00	21.54 1.12 0.00	19.92 0.94 0.00	21.59 1.02 0.00	19.77 0.88 0.00	20.88 1.04 0.00	23.33 1.18 0.00	23.81 1.39 0.00	26.57 1.70 0.00	28.81 1.86 0.00	35.79 2.58 -2.24	39.49 2.99 -2.60	40.15 3.61 -0.98	56.98 3.60 -16.08	41.56 3.48 0.00	48.29 3.94 0.00	49.13 4.13 0.00	45.42 3.78 0.00	42.99 3.38 0.00	44.96 3.50 0.00	45.55 3.42 0.00	40.93 3.10 0.00	39.52 2.82 0.00	37.08 2.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.33 1.10 0.00	21.42 1.00 0.00	19.81 0.83 0.00	21.48 0.91 0.00	19.68 0.78 0.00	20.75 0.91 0.00	23.19 1.04 0.00	23.63 1.21 0.00	26.36 1.49 0.00	28.55 1.61 0.00	32.47 2.20 0.70	35.65 2.58 0.82	38.44 3.19 0.31	35.66 3.18 4.82	41.18 3.10 0.00	47.95 3.60 0.00	48.84 3.84 0.00	45.20 3.56 0.00	42.83 3.21 0.00	44.80 3.33 0.00	45.37 3.24 0.00	40.71 2.88 0.00	39.26 2.57 0.00	36.83 2.03 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.51 1.28 0.00	21.62 1.20 0.00	19.99 1.01 0.00	21.66 1.09 0.00	19.85 0.95 0.00	20.95 1.11 0.00	23.43 1.28 0.00	23.91 1.49 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.86 2.65 -2.24	39.56 3.07 -2.61	40.27 3.73 -0.98	57.04 3.64 -16.10	41.61 3.53 0.00	48.43 4.08 0.01	49.42 4.43 0.01	45.64 4.00 0.00	43.20 3.58 0.00	45.15 3.68 -0.01	45.73 3.60 -0.01	41.11 3.28 0.00	39.71 3.02 0.00	37.28 2.48 0.00
E179THST_13_KV_LOAD 356214	23.66 1.43 0.00	21.76 1.33 0.00	20.10 1.13 0.00	21.79 1.21 0.00	19.96 1.06 0.00	21.07 1.23 0.00	23.57 1.42 0.00	24.06 1.64 0.00	26.83 1.96 0.00	29.07 2.13 0.00	36.07 2.87 -2.24	39.81 3.32 -2.61	40.53 3.99 -0.98	57.32 3.92 -16.10	41.89 3.82 0.00	48.78 4.43 0.01	49.76 4.76 0.01	45.98 4.33 0.00	43.51 3.89 0.00	45.47 4.00 -0.01	46.05 3.92 -0.01	41.39 3.56 0.00	39.99 3.30 0.00	37.53 2.73 0.00
EAST HAMPTON___GT 23717	24.00 1.77 0.00	22.13 1.71 0.00	20.68 1.71 0.00	22.55 1.97 0.00	20.59 1.70 0.00	21.73 1.89 0.00	24.22 2.08 0.00	24.93 2.51 0.00	27.73 2.86 0.00	30.04 3.10 0.00	39.08 4.64 -3.47	43.05 5.21 -3.95	43.15 5.95 -1.64	59.59 6.04 -16.24	43.98 5.90 0.00	50.44 6.09 0.00	51.32 6.31 0.00	47.03 5.39 0.00	43.65 4.03 0.00	45.02 3.55 0.00	42.59 3.48 3.01	36.74 2.60 3.69	39.10 2.40 0.00	36.67 1.86 0.00
EAST RIVER___6 23660	23.56 1.33 0.00	21.65 1.23 0.00	20.01 1.03 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.77 1.90 0.00	29.07 2.13 0.00	36.07 2.87 -2.24	39.83 3.33 -2.61	40.57 4.02 -0.98	57.41 4.01 -16.10	41.97 3.89 0.00	48.72 4.37 0.00	49.55 4.55 0.00	45.77 4.13 0.00	43.32 3.70 0.00	45.27 3.80 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.81 3.12 0.00	37.31 2.52 0.00
EAST RIVER___7 23524	23.56 1.33 0.00	21.65 1.23 0.00	20.01 1.03 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.77 1.90 0.00	29.07 2.13 0.00	36.07 2.87 -2.24	39.83 3.33 -2.61	40.57 4.02 -0.98	57.41 4.01 -16.10	41.97 3.89 0.00	48.72 4.37 0.00	49.55 4.55 0.00	45.77 4.13 0.00	43.32 3.70 0.00	45.27 3.80 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.81 3.12 0.00	37.31 2.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.39 1.16 0.00	21.49 1.07 0.00	19.87 0.90 0.00	21.55 0.98 0.00	19.74 0.84 0.00	20.83 0.99 0.00	23.28 1.13 0.00	23.74 1.33 0.00	26.50 1.63 0.00	28.72 1.78 0.00	35.82 2.46 -2.39	39.55 2.88 -2.78	40.09 3.48 -1.05	57.95 3.47 -17.18	41.42 3.34 0.00	48.15 3.80 0.00	49.00 4.00 0.00	45.30 3.66 0.00	42.90 3.28 0.00	44.86 3.40 0.00	45.44 3.32 0.00	40.82 3.00 0.00	39.41 2.71 0.00	36.98 2.18 0.00
EAST_HAMPTON___DIESEL 23722	23.98 1.75 0.00	22.12 1.69 0.00	20.67 1.70 0.00	22.55 1.97 0.00	20.59 1.70 0.00	21.73 1.89 0.00	24.22 2.08 0.00	24.94 2.52 0.00	27.74 2.87 0.00	30.05 3.11 0.00	39.10 4.66 -3.47	43.09 5.24 -3.95	43.19 5.99 -1.64	59.62 6.07 -16.24	44.01 5.93 0.00	50.45 6.10 0.00	51.32 6.31 0.00	47.01 5.37 0.00	43.57 3.96 0.00	44.93 3.46 0.00	42.48 3.37 3.01	36.62 2.48 3.69	38.98 2.29 0.00	36.55 1.75 0.00
EAST_POINT___SOLAR 323840	23.93 1.70 0.00	21.96 1.54 0.00	20.39 1.41 0.00	22.03 1.45 0.00	20.21 1.31 0.00	21.35 1.51 0.00	23.80 1.65 0.00	23.55 1.14 0.00	25.45 0.58 0.00	27.32 0.37 0.00	31.71 0.74 0.00	35.02 1.13 0.00	37.06 1.50 0.00	39.37 2.06 0.00	40.52 2.45 0.00	47.04 2.69 0.00	48.63 3.63 0.00	44.64 3.00 0.00	42.40 2.78 0.00	44.95 3.48 0.00	45.75 3.63 0.00	41.04 3.20 0.00	39.69 2.99 0.00	37.58 2.77 0.00
EAST_PULASKI___ESR 323781	22.17 -0.06 0.00	20.43 0.00 0.00	18.92 -0.06 0.00	20.54 -0.03 0.00	18.83 -0.06 0.00	19.81 -0.03 0.00	22.09 -0.06 0.00	22.36 -0.06 0.00	24.78 -0.09 0.00	26.89 -0.05 0.00	31.11 0.14 0.00	33.97 0.08 0.00	35.62 0.06 0.00	37.34 0.00 -0.04	38.01 -0.07 0.00	45.82 -0.06 -1.53	46.43 -0.18 -1.61	41.98 -0.22 -0.56	39.73 -0.01 -0.12	42.42 0.09 -0.86	42.83 0.08 -0.62	37.81 -0.03 -0.01	36.79 0.03 -0.07	34.83 -0.01 -0.05
EAST_RIVER___1 323558	23.53 1.29 0.00	21.61 1.19 0.00	19.98 1.01 0.00	21.66 1.09 0.00	19.84 0.94 0.00	20.96 1.12 0.00	23.43 1.28 0.00	23.93 1.51 0.00	26.73 1.86 0.00	29.01 2.06 0.00	36.03 2.82 -2.24	39.76 3.26 -2.61	40.47 3.93 -0.98	57.32 3.91 -16.10	41.87 3.79 0.00	48.64 4.29 0.00	49.46 4.46 0.00	45.69 4.05 0.00	43.23 3.61 0.00	45.21 3.75 0.00	45.76 3.63 0.00	41.16 3.33 0.00	39.75 3.05 0.00	37.30 2.50 0.00
EAST_RIVER___2 323559	23.56 1.33 0.00	21.65 1.23 0.00	20.01 1.03 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.77 1.90 0.00	29.07 2.13 0.00	36.07 2.87 -2.24	39.83 3.33 -2.61	40.57 4.02 -0.98	57.41 4.01 -16.10	41.97 3.89 0.00	48.72 4.37 0.00	49.55 4.55 0.00	45.77 4.13 0.00	43.32 3.70 0.00	45.27 3.80 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.81 3.12 0.00	37.31 2.52 0.00
EAST___DELAWARE_HYD 23607	22.75 0.52 0.00	20.87 0.44 0.00	19.28 0.30 0.00	20.88 0.31 0.00	19.13 0.24 0.00	20.17 0.33 0.00	22.55 0.40 0.00	22.99 0.57 0.00	25.64 0.77 0.00	27.79 0.84 0.00	31.78 1.30 0.48	34.90 1.58 0.56	37.56 2.21 0.21	36.16 2.21 3.35	40.18 2.10 0.00	46.93 2.58 0.00	47.91 2.91 0.00	44.34 2.70 0.00	42.03 2.42 0.00	44.03 2.56 0.00	44.53 2.41 0.00	39.88 2.05 0.00	38.40 1.70 0.00	35.96 1.16 0.00
EIGHT_POINT___WT_PWR 323820	23.11 0.88 0.00	21.12 0.69 0.00	19.47 0.49 0.00	21.17 0.59 0.00	19.27 0.38 0.00	20.45 0.61 0.00	22.31 0.16 0.00	22.03 -0.38 0.00	24.30 -0.57 0.00	26.74 -0.20 0.00	31.04 0.07 0.00	33.99 0.10 0.00	35.63 0.07 0.00	37.51 0.20 0.00	38.55 0.47 0.00	44.41 -0.14 -0.20	46.19 0.98 -0.21	42.52 0.81 -0.07	40.19 0.56 -0.02	41.90 0.32 -0.11	41.88 -0.33 -0.08	37.55 -0.28 0.00	35.89 -0.81 -0.01	33.98 -0.82 -0.01
ELBRIDGE_115KV_TB2 80188	22.27 0.03 0.00	20.39 -0.03 0.00	18.93 -0.05 0.00	20.52 -0.05 0.00	18.80 -0.09 0.00	19.81 -0.03 0.00	22.06 -0.08 0.00	22.33 -0.09 0.00	24.74 -0.13 0.00	26.82 -0.12 0.00	30.98 0.02 0.00	33.92 0.03 0.00	35.70 0.14 0.00	37.52 0.20 -0.03	38.36 0.28 0.00	45.66 0.29 -1.02	46.44 0.37 -1.07	42.41 0.39 -0.37	40.10 0.40 -0.08	42.38 0.34 -0.57	42.74 0.20 -0.41	37.97 0.13 -0.01	36.70 -0.04 -0.04	34.72 -0.11 -0.03
ELEC_TRO_TEK 24086	23.44 1.21 0.00	21.61 1.19 0.00	20.02 1.05 0.00	21.71 1.14 0.00	19.87 0.97 0.00	20.96 1.12 0.00	23.39 1.24 0.00	23.89 1.48 0.00	26.57 1.71 0.00	28.80 1.86 0.00	37.30 2.86 -3.47	41.30 3.46 -3.95	41.23 4.04 -1.64	57.45 3.90 -16.24	41.87 3.79 0.00	48.51 4.16 0.00	49.40 4.40 0.00	45.67 4.03 0.00	43.11 3.49 0.00	44.94 3.48 0.00	44.59 3.34 0.88	39.80 3.04 1.07	39.53 2.83 0.00	37.16 2.36 0.00

ELLENBURG_WT_PWR 323604	22.40 0.16 0.00	20.50 0.08 0.00	19.15 0.17 0.00	20.78 0.20 0.00	19.17 0.28 0.00	20.14 0.30 0.00	22.52 0.37 0.00	22.63 0.21 0.00	25.06 0.19 0.00	27.19 0.24 0.00	31.12 0.15 0.00	33.82 -0.07 0.00	34.59 -0.97 0.00	36.16 -1.14 0.00	37.00 -1.07 0.00	43.29 -1.06 0.00	43.67 -1.34 0.00	40.54 -1.10 0.00	38.53 -1.09 0.00	40.28 -1.18 0.00	41.18 -0.95 0.00	37.24 -0.60 0.00	36.79 0.09 0.00	35.38 0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.60 0.37 0.00	20.64 0.22 0.00	19.01 0.04 0.00	20.54 -0.04 0.00	18.64 -0.25 0.00	19.78 -0.06 0.00	21.84 -0.31 0.00	21.96 -0.46 0.00	24.18 -0.70 0.00	26.24 -0.70 0.00	30.44 -0.53 0.00	33.24 -0.65 0.00	34.85 -0.71 0.00	36.68 -0.62 0.00	37.50 -0.57 0.00	43.31 -1.04 0.00	44.53 -0.47 0.00	40.75 -0.89 0.00	38.85 -0.76 0.00	40.36 -1.11 0.00	40.77 -1.35 0.00	36.80 -1.03 0.00	35.59 -1.11 0.00	34.09 -0.71 0.00
EMPIRE_CC_1 323656	22.69 0.45 0.00	20.86 0.43 0.00	19.36 0.38 0.00	21.08 0.51 0.00	19.35 0.46 0.00	20.31 0.47 0.00	22.61 0.46 0.00	22.95 0.53 0.00	25.47 0.60 0.00	27.44 0.50 0.00	32.10 0.65 -0.49	35.22 0.76 -0.57	36.79 1.02 -0.21	41.82 1.03 -3.49	39.08 1.00 0.00	45.49 1.15 0.00	46.18 1.18 0.00	42.82 1.18 0.00	40.72 1.10 0.00	42.62 1.15 0.00	43.40 1.27 0.00	38.88 1.05 0.00	37.55 0.85 0.00	35.32 0.52 0.00
EMPIRE_CC_2 323658	22.69 0.45 0.00	20.86 0.43 0.00	19.36 0.38 0.00	21.08 0.51 0.00	19.35 0.46 0.00	20.31 0.47 0.00	22.61 0.46 0.00	22.95 0.53 0.00	25.47 0.60 0.00	27.44 0.50 0.00	32.10 0.65 -0.49	35.22 0.76 -0.57	36.79 1.02 -0.21	41.82 1.03 -3.49	39.08 1.00 0.00	45.49 1.15 0.00	46.18 1.18 0.00	42.82 1.18 0.00	40.72 1.10 0.00	42.62 1.15 0.00	43.40 1.27 0.00	38.88 1.05 0.00	37.55 0.85 0.00	35.32 0.52 0.00
ENORWICH_115KV_TB1 80156	23.77 1.53 0.00	21.76 1.34 0.00	20.20 1.22 0.00	21.93 1.35 0.00	20.08 1.18 0.00	21.36 1.52 0.00	23.92 1.78 0.00	24.27 1.85 0.00	26.76 1.89 0.00	28.86 1.92 0.00	33.37 2.40 0.00	36.70 2.81 0.00	38.20 2.64 0.00	40.21 2.90 -0.01	41.12 3.05 0.00	48.82 4.10 -0.38	49.14 3.74 -0.40	45.08 3.30 -0.14	43.27 3.62 -0.03	45.16 3.48 -0.21	45.81 3.53 -0.15	41.37 3.53 0.00	39.99 3.28 -0.02	37.71 2.90 -0.01
ERIE_ST__34_KV_TB1-2 80199	22.83 0.60 0.00	20.84 0.42 0.00	19.18 0.21 0.00	20.74 0.17 0.00	18.82 -0.07 0.00	19.98 0.14 0.00	22.08 -0.07 0.00	22.25 -0.17 0.00	24.52 -0.35 0.00	26.67 -0.28 0.00	30.93 -0.04 0.00	33.86 -0.03 0.00	35.59 0.03 0.00	37.34 0.04 0.00	38.18 0.10 0.00	44.13 -0.22 0.00	45.29 0.29 0.00	41.41 -0.23 0.00	39.50 -0.12 0.00	41.02 -0.45 0.00	41.41 -0.71 0.00	37.41 -0.42 0.00	36.11 -0.58 0.00	34.48 -0.32 0.00
ERIE_WT_PWR 323693	22.76 0.52 0.00	20.76 0.34 0.00	19.12 0.14 0.00	20.65 0.08 0.00	18.75 -0.14 0.00	19.89 0.05 0.00	21.96 -0.19 0.00	22.08 -0.33 0.00	24.31 -0.56 0.00	26.39 -0.56 0.00	30.65 -0.32 0.00	33.53 -0.36 0.00	35.13 -0.43 0.00	36.96 -0.34 0.00	37.78 -0.29 0.00	43.66 -0.69 0.00	44.88 -0.12 0.00	41.04 -0.59 0.00	39.17 -0.45 0.00	40.68 -0.78 0.00	41.07 -1.06 0.00	37.11 -0.72 0.00	35.85 -0.85 0.00	34.31 -0.49 0.00
ESPRGFLD_115KV_TB1 80157	23.48 1.25 0.00	21.56 1.14 0.00	20.04 1.06 0.00	21.66 1.09 0.00	19.85 0.95 0.00	20.98 1.14 0.00	23.47 1.32 0.00	23.65 1.24 0.00	26.28 1.41 0.00	28.56 1.62 0.00	33.05 2.08 0.00	36.23 2.35 0.00	37.98 2.42 0.00	39.83 2.52 0.00	40.70 2.62 0.00	47.35 3.00 0.00	48.06 3.06 0.00	44.39 2.75 0.00	42.26 2.64 0.00	44.28 2.82 0.00	44.84 2.71 0.00	40.29 2.46 0.00	39.06 2.37 0.00	37.06 2.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.83 0.60 0.00	20.91 0.49 0.00	19.36 0.39 0.00	21.02 0.45 0.00	19.23 0.34 0.00	20.31 0.47 0.00	22.64 0.49 0.00	22.92 0.50 0.00	25.36 0.49 0.00	27.45 0.50 0.00	31.78 0.81 0.00	34.86 0.97 0.00	36.62 1.06 0.00	38.47 1.16 -0.01	39.38 1.31 0.00	46.58 1.70 -0.53	47.14 1.58 -0.56	43.45 1.62 -0.19	41.29 1.63 -0.04	43.40 1.64 -0.30	43.82 1.48 -0.21	39.16 1.33 0.00	37.79 1.07 -0.02	35.70 0.88 -0.02
ETNA____115KV_TB2 80207	22.83 0.60 0.00	20.91 0.49 0.00	19.36 0.39 0.00	21.02 0.45 0.00	19.23 0.34 0.00	20.31 0.47 0.00	22.64 0.49 0.00	22.92 0.50 0.00	25.36 0.49 0.00	27.45 0.50 0.00	31.78 0.81 0.00	34.86 0.97 0.00	36.62 1.06 0.00	38.47 1.16 -0.01	39.38 1.31 0.00	46.58 1.70 -0.53	47.14 1.58 -0.56	43.45 1.62 -0.19	41.29 1.63 -0.04	43.40 1.64 -0.30	43.82 1.48 -0.21	39.16 1.33 0.00	37.79 1.07 -0.02	35.70 0.88 -0.02
EUCLID__115KV_TB2 356179	22.09 -0.14 0.00	20.28 -0.15 0.00	18.79 -0.19 0.00	20.37 -0.20 0.00	18.67 -0.22 0.00	19.67 -0.17 0.00	21.89 -0.26 0.00	22.17 -0.25 0.00	24.57 -0.30 0.00	26.64 -0.31 0.00	30.78 -0.18 0.00	33.72 -0.17 0.00	35.47 -0.09 0.00	37.25 -0.06 -0.01	38.06 -0.02 0.00	44.71 -0.08 -0.44	45.53 0.07 -0.46	41.83 0.02 -0.16	39.71 0.06 -0.03	41.70 -0.01 -0.24	42.19 -0.12 -0.18	37.67 -0.17 0.00	36.41 -0.30 -0.02	34.44 -0.38 -0.01
E_CANADA_CAP_HY 24051	23.73 1.50 0.00	21.82 1.39 0.00	20.29 1.31 0.00	21.89 1.32 0.00	20.08 1.19 0.00	21.22 1.38 0.00	23.70 1.55 0.00	23.72 1.31 0.00	26.02 1.15 0.00	28.04 1.10 0.00	32.45 1.48 0.00	35.73 1.84 0.00	37.78 2.22 0.00	39.69 2.39 0.00	40.69 2.61 0.00	47.26 2.92 0.00	48.07 3.07 0.00	44.48 2.83 0.00	42.26 2.64 0.00	44.48 3.01 0.00	45.24 3.11 0.00	40.62 2.79 0.00	39.38 2.69 0.00	37.41 2.61 0.00
E_CANADA_MHWK_HY 24050	22.56 0.33 0.00	20.65 0.22 0.00	19.12 0.14 0.00	20.78 0.21 0.00	19.04 0.15 0.00	20.01 0.17 0.00	22.38 0.23 0.00	22.66 0.25 0.00	24.86 -0.01 0.00	26.64 -0.30 0.00	30.80 -0.16 0.00	34.05 0.16 0.00	36.31 0.75 0.00	38.07 0.77 0.00	39.12 1.04 0.00	45.32 0.98 0.00	46.30 1.30 0.00	42.73 1.09 0.00	40.60 0.98 0.00	42.72 1.25 0.00	43.52 1.39 0.00	39.19 1.35 0.00	37.70 1.00 0.00	35.28 0.48 0.00
E_FISHKILL__LBMP 23776	23.22 0.99 0.00	21.33 0.91 0.00	19.71 0.74 0.00	21.39 0.82 0.00	19.60 0.70 0.00	20.67 0.83 0.00	23.11 0.96 0.00	23.55 1.13 0.00	26.25 1.38 0.00	28.41 1.47 0.00	33.78 2.04 -0.78	37.18 2.38 -0.91	38.82 2.92 -0.34	45.81 2.91 -5.60	40.88 2.80 0.00	47.55 3.21 0.00	48.39 3.39 0.00	44.75 3.11 0.00	42.43 2.81 0.00	44.38 2.92 0.00	44.98 2.85 0.00	40.37 2.54 0.00	38.97 2.27 0.00	36.58 1.78 0.00
FALCON___SEABRD_CC1 323796	23.15 0.91 0.00	21.10 0.67 0.00	19.63 0.65 0.00	21.37 0.79 0.00	19.73 0.83 0.00	20.78 0.94 0.00	23.17 1.02 0.00	23.25 0.83 0.00	25.72 0.85 0.00	27.82 0.88 0.00	32.05 1.08 0.00	34.83 0.95 0.00	35.32 -0.24 0.00	36.62 -0.68 0.00	37.37 -0.71 0.00	43.61 -0.74 0.00	43.96 -1.04 0.00	40.85 -0.79 0.00	38.82 -0.80 0.00	40.67 -0.80 0.00	41.41 -0.71 0.00	37.72 -0.12 0.00	37.73 1.04 0.00	36.33 1.53 0.00

FALCON___SEABRD_CC2 323797	23.15 0.91 0.00	21.10 0.67 0.00	19.63 0.65 0.00	21.37 0.79 0.00	19.73 0.83 0.00	20.78 0.94 0.00	23.17 1.02 0.00	23.25 0.83 0.00	25.72 0.85 0.00	27.82 0.88 0.00	32.05 1.08 0.00	34.83 0.95 0.00	35.32 -0.24 0.00	36.62 -0.68 0.00	37.37 -0.71 0.00	43.61 -0.74 0.00	43.96 -1.04 0.00	40.85 -0.79 0.00	38.82 -0.80 0.00	40.67 -0.80 0.00	41.41 -0.71 0.00	37.72 -0.12 0.00	37.73 1.04 0.00	36.33 1.53 0.00
FAR ROCKAWAY___4 23548	23.82 1.59 0.00	21.97 1.54 0.00	20.34 1.36 0.00	22.05 1.47 0.00	20.17 1.28 0.00	21.30 1.45 0.00	23.75 1.60 0.00	24.29 1.87 0.00	27.04 2.17 0.00	29.31 2.37 0.00	37.93 3.49 -3.47	41.94 4.10 -3.95	41.67 4.47 -1.64	57.83 4.28 -16.24	42.20 4.13 0.00	48.95 4.60 0.00	49.91 4.91 0.00	46.14 4.50 0.00	43.55 3.93 0.00	45.39 3.92 0.00	45.51 3.79 0.40	40.90 3.57 0.49	39.98 3.28 0.00	37.55 2.76 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.55 1.32 0.00	21.63 1.21 0.00	20.00 1.03 0.00	21.68 1.11 0.00	19.86 0.96 0.00	20.98 1.14 0.00	23.45 1.30 0.00	23.95 1.53 0.00	26.75 1.88 0.00	29.02 2.08 0.00	36.04 2.84 -2.24	39.80 3.30 -2.61	40.50 3.96 -0.98	57.34 3.94 -16.10	41.88 3.80 0.00	48.65 4.30 0.00	49.47 4.47 0.00	45.70 4.06 0.00	43.26 3.64 0.00	45.24 3.78 0.00	45.79 3.66 0.00	41.18 3.35 0.00	39.78 3.08 0.00	37.31 2.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.57 1.34 0.00	21.65 1.23 0.00	20.02 1.04 0.00	21.70 1.12 0.00	19.87 0.97 0.00	20.99 1.15 0.00	23.46 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.04 2.10 0.00	36.06 2.85 -2.24	39.81 3.31 -2.61	40.52 3.98 -0.98	57.36 3.96 -16.10	41.91 3.84 0.00	48.68 4.34 0.00	49.51 4.51 0.00	45.74 4.10 0.00	43.28 3.67 0.00	45.28 3.82 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.82 3.13 0.00	37.36 2.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.54 1.31 0.00	21.62 1.20 0.00	19.99 1.02 0.00	21.67 1.10 0.00	19.85 0.95 0.00	20.96 1.12 0.00	23.43 1.28 0.00	23.93 1.51 0.00	26.73 1.87 0.00	29.01 2.06 0.00	36.03 2.82 -2.24	39.76 3.27 -2.61	40.47 3.93 -0.98	57.31 3.91 -16.10	41.85 3.77 0.00	48.61 4.26 0.00	49.44 4.44 0.00	45.67 4.03 0.00	43.23 3.61 0.00	45.20 3.73 0.00	45.75 3.62 0.00	41.14 3.31 0.00	39.75 3.05 0.00	37.30 2.49 0.00
FARRAGUT___LBMP 323566	23.52 1.29 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.70 1.83 0.00	28.96 2.02 0.00	35.98 2.76 -2.24	39.72 3.22 -2.61	40.42 3.88 -0.98	57.25 3.85 -16.10	41.80 3.72 0.00	48.55 4.20 0.00	49.38 4.38 0.00	45.61 3.97 0.00	43.17 3.55 0.00	45.16 3.69 0.00	45.70 3.58 0.00	41.11 3.27 0.00	39.71 3.02 0.00	37.26 2.46 0.00
FENNER___WINDPWR 24204	22.72 0.48 0.00	20.88 0.46 0.00	19.37 0.39 0.00	21.02 0.44 0.00	19.25 0.36 0.00	20.30 0.46 0.00	22.67 0.52 0.00	22.96 0.54 0.00	25.45 0.58 0.00	27.58 0.64 0.00	31.89 0.92 0.00	35.07 1.18 0.00	36.88 1.32 0.00	38.60 1.29 -0.01	39.40 1.32 0.00	46.30 1.53 -0.42	46.92 1.48 -0.43	43.32 1.52 -0.15	41.14 1.49 -0.03	43.30 1.60 -0.23	43.83 1.53 -0.17	39.10 1.27 0.00	37.84 1.13 -0.02	35.78 0.97 -0.01
FIBERTEK___ENERGY 23856	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.98 0.04 0.00	31.18 0.21 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.63 0.62 -0.54	43.00 0.49 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03
FITZPATRICK____ 23598	21.71 -0.52 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.06 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.55 -0.60 0.00	21.81 -0.61 0.00	24.16 -0.71 0.00	26.17 -0.77 0.00	30.19 -0.78 0.00	33.05 -0.84 0.00	34.75 -0.80 0.00	36.34 -0.83 0.13	37.26 -0.82 0.00	38.00 -0.99 5.35	38.47 -0.91 5.61	38.81 -0.87 1.96	38.38 -0.81 0.43	37.56 -0.89 3.01	38.97 -0.98 2.17	36.89 -0.91 0.03	35.50 -0.97 0.23	33.66 -0.97 0.17
FLOWRFLD_69_KV_BK1 356044	23.37 1.14 0.00	21.63 1.20 0.00	20.05 1.08 0.00	21.77 1.19 0.00	19.88 0.98 0.00	20.97 1.13 0.00	23.35 1.20 0.00	23.89 1.48 0.00	26.49 1.62 0.00	28.70 1.75 0.00	37.40 2.96 -3.47	41.59 3.75 -3.95	41.56 4.36 -1.64	57.74 4.19 -16.24	42.20 4.12 0.00	48.57 4.22 0.00	49.44 4.44 0.00	45.70 4.06 0.00	43.05 3.43 0.00	44.83 3.36 0.00	42.25 3.12 3.00	36.84 2.68 3.68	39.26 2.56 0.00	36.89 2.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.59 1.35 0.00	21.65 1.22 0.00	19.99 1.02 0.00	21.68 1.10 0.00	19.86 0.96 0.00	20.96 1.12 0.00	23.43 1.28 0.00	23.90 1.48 0.00	26.69 1.82 0.00	28.93 1.99 0.00	33.61 2.64 0.00	36.99 3.10 0.00	39.33 3.77 0.00	41.06 3.76 0.00	41.78 3.71 0.00	48.70 4.35 0.00	49.59 4.59 0.00	45.86 4.23 0.00	43.48 3.86 0.00	45.44 3.97 0.00	46.00 3.87 0.00	41.23 3.40 0.00	39.73 3.04 0.00	37.23 2.43 0.00
FORT ORANGE____ 23900	22.71 0.47 0.00	20.82 0.40 0.00	19.30 0.32 0.00	21.01 0.44 0.00	19.28 0.39 0.00	20.23 0.39 0.00	22.58 0.43 0.00	22.93 0.51 0.00	25.43 0.56 0.00	27.40 0.46 0.00	31.93 0.60 -0.36	35.01 0.70 -0.42	36.67 0.95 -0.16	40.87 0.99 -2.58	39.10 1.02 0.00	45.58 1.23 0.00	46.35 1.35 0.00	42.99 1.34 0.00	40.94 1.32 0.00	42.88 1.41 0.00	43.59 1.46 0.00	39.05 1.22 0.00	37.70 1.00 0.00	35.53 0.73 0.00
FORT_DRUM_COGEN 23780	22.52 0.28 0.00	20.94 0.51 0.00	19.45 0.47 0.00	21.13 0.56 0.00	19.39 0.49 0.00	20.43 0.59 0.00	22.79 0.64 0.00	23.03 0.61 0.00	25.57 0.70 0.00	27.87 0.93 0.00	32.26 1.30 0.00	35.19 1.30 0.00	36.76 1.20 0.00	38.55 1.23 -0.02	38.97 0.89 0.00	46.22 1.10 -0.77	46.01 0.20 -0.81	42.33 0.41 -0.28	40.63 0.95 -0.06	43.38 1.48 -0.43	44.08 1.64 -0.31	38.94 1.11 0.00	37.99 1.26 -0.03	36.11 1.29 -0.02
FOX_HILLS___ESR 323835	23.61 1.38 0.00	21.71 1.28 0.00	20.06 1.08 0.00	21.74 1.16 0.00	19.92 1.02 0.00	21.03 1.19 0.00	23.52 1.37 0.00	23.98 1.57 0.00	26.77 1.90 0.00	29.03 2.09 0.00	36.03 2.82 -2.24	39.79 3.29 -2.61	40.53 3.99 -0.98	57.53 3.93 -16.30	43.94 3.75 -2.11	49.60 4.26 -1.00	142.11 4.51 -92.59	59.83 4.08 -14.10	53.05 3.62 -9.81	49.68 3.70 -4.51	53.43 3.68 -7.62	44.25 3.30 -3.12	44.27 3.05 -4.53	99.93 2.55 -62.58
FPL FAR_ROCK_GT1 24212	23.81 1.58 0.00	21.96 1.54 0.00	20.34 1.36 0.00	22.05 1.47 0.00	20.17 1.28 0.00	21.30 1.46 0.00	23.75 1.60 0.00	24.29 1.87 0.00	27.04 2.17 0.00	29.32 2.37 0.00	37.94 3.50 -3.47	41.93 4.09 -3.95	41.66 4.47 -1.64	57.83 4.28 -16.24	42.21 4.13 0.00	48.95 4.60 0.00	49.91 4.91 0.00	46.14 4.50 0.00	43.54 3.93 0.00	45.38 3.92 0.00	45.51 3.78 0.40	40.90 3.56 0.49	39.98 3.28 0.00	37.56 2.75 0.00

FPL FAR_ROCK_GT2 23815	23.81 1.58 0.00	21.96 1.54 0.00	20.34 1.36 0.00	22.05 1.47 0.00	20.17 1.28 0.00	21.30 1.46 0.00	23.75 1.60 0.00	24.29 1.87 0.00	27.04 2.17 0.00	29.32 2.37 0.00	37.94 3.50 -3.47	41.93 4.09 -3.95	41.66 4.47 -1.64	57.83 4.28 -16.24	42.21 4.13 0.00	48.95 4.60 0.00	49.91 4.91 0.00	46.14 4.50 0.00	43.54 3.93 0.00	45.38 3.92 0.00	45.51 3.78 0.40	40.90 3.56 0.49	39.98 3.28 0.00	37.56 2.75 0.00
FRANKLIN_FALL_HYD 24054	22.45 0.22 0.00	20.56 0.13 0.00	19.19 0.22 0.00	20.81 0.24 0.00	19.20 0.31 0.00	20.16 0.32 0.00	22.60 0.45 0.00	22.68 0.26 0.00	25.15 0.28 0.00	27.36 0.42 0.00	31.31 0.34 0.00	33.91 0.02 0.00	34.64 -0.92 0.00	36.36 -0.94 0.00	37.23 -0.85 0.00	43.49 -0.86 0.00	43.84 -1.17 0.00	40.73 -0.91 0.00	38.75 -0.86 0.00	40.55 -0.92 0.00	41.43 -0.69 0.00	37.43 -0.40 0.00	36.88 0.19 0.00	35.60 0.80 0.00
FREEPORT_EQUUS_GT1 23764	23.55 1.31 0.00	21.73 1.31 0.00	20.13 1.15 0.00	21.82 1.25 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.49 1.35 0.00	24.02 1.60 0.00	26.72 1.85 0.00	28.96 2.02 0.00	37.55 3.11 -3.47	41.60 3.76 -3.95	41.46 4.26 -1.64	57.56 4.01 -16.24	41.97 3.89 0.00	48.61 4.26 0.00	49.56 4.56 0.00	45.86 4.22 0.00	43.25 3.63 0.00	45.06 3.59 0.00	43.38 3.43 2.18	38.37 3.20 2.66	39.81 3.12 0.00	37.43 2.63 0.00
FREEPORT___CT2 23818	23.55 1.31 0.00	21.73 1.31 0.00	20.13 1.15 0.00	21.82 1.25 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.49 1.35 0.00	24.02 1.60 0.00	26.72 1.85 0.00	28.96 2.02 0.00	37.55 3.11 -3.47	41.60 3.76 -3.95	41.46 4.26 -1.64	57.56 4.01 -16.24	41.97 3.89 0.00	48.61 4.26 0.00	49.56 4.56 0.00	45.86 4.22 0.00	43.25 3.63 0.00	45.06 3.59 0.00	43.38 3.43 2.18	38.37 3.20 2.66	39.81 3.12 0.00	37.43 2.63 0.00
FRESHKLS_33_KV_LOAD 356253	23.61 1.37 0.00	21.71 1.28 0.00	20.06 1.08 0.00	21.75 1.18 0.00	19.93 1.03 0.00	21.03 1.19 0.00	23.53 1.38 0.00	23.98 1.56 0.00	26.75 1.88 0.00	29.00 2.06 0.00	35.99 2.78 -2.24	39.75 3.25 -2.61	40.52 3.98 -0.98	57.52 3.92 -16.30	43.90 3.72 -2.11	49.57 4.23 -1.00	142.13 4.53 -92.59	59.85 4.10 -14.10	53.07 3.64 -9.81	49.70 3.73 -4.51	53.47 3.73 -7.62	44.27 3.32 -3.12	44.26 3.04 -4.53	99.93 2.56 -62.58
FULTON COGEN____ 23766	22.05 -0.19 0.00	20.25 -0.18 0.00	18.77 -0.21 0.00	20.33 -0.24 0.00	18.64 -0.25 0.00	19.63 -0.21 0.00	21.86 -0.28 0.00	22.14 -0.28 0.00	24.53 -0.34 0.00	26.60 -0.34 0.00	30.73 -0.23 0.00	33.64 -0.25 0.00	35.33 -0.23 0.00	37.11 -0.24 -0.04	37.89 -0.19 0.00	45.77 -0.32 -1.74	46.66 -0.17 -1.83	42.17 -0.11 -0.64	39.71 -0.05 -0.14	42.36 -0.09 -0.98	42.66 -0.17 -0.71	37.61 -0.23 -0.01	36.43 -0.34 -0.08	34.44 -0.42 -0.06
FULTON___LFGE 323630	25.00 2.77 0.00	22.90 2.48 0.00	21.22 2.25 0.00	22.94 2.36 0.00	21.05 2.15 0.00	22.25 2.41 0.00	24.77 2.62 0.00	24.16 1.74 0.00	25.77 0.90 0.00	27.54 0.59 0.00	32.10 1.13 0.00	36.24 2.35 0.00	38.01 2.45 0.00	40.51 3.21 0.00	42.24 4.16 0.00	48.94 4.59 0.00	52.72 7.72 0.00	46.52 4.88 0.00	45.20 5.58 0.00	47.42 5.95 0.00	47.98 5.85 0.00	42.85 5.02 0.00	41.55 4.85 0.00	39.19 4.39 0.00
G.F.CEMENT___DRP 24184	24.34 2.11 0.00	22.18 1.76 0.00	20.41 1.43 0.00	22.13 1.56 0.00	20.26 1.36 0.00	21.21 1.36 0.00	23.65 1.51 0.00	23.98 1.56 0.00	26.35 1.48 0.00	28.24 1.30 0.00	32.60 1.28 -0.35	35.92 1.62 -0.41	37.78 2.07 -0.15	42.19 2.35 -2.54	40.73 2.66 0.00	47.39 3.04 0.00	48.85 3.85 0.00	45.25 3.61 0.00	43.20 3.58 0.00	45.32 3.85 0.00	46.01 3.89 0.00	41.12 3.29 0.00	39.72 3.02 0.00	37.15 2.35 0.00
GARDENVILLE___LBMP 24039	22.67 0.44 0.00	20.71 0.28 0.00	19.07 0.09 0.00	20.60 0.03 0.00	18.69 -0.20 0.00	19.83 -0.01 0.00	21.89 -0.26 0.00	22.01 -0.40 0.00	24.25 -0.62 0.00	26.34 -0.60 0.00	30.56 -0.41 0.00	33.39 -0.50 0.00	35.03 -0.53 0.00	36.84 -0.47 0.00	37.68 -0.39 0.00	43.50 -0.85 0.00	44.74 -0.26 0.00	40.93 -0.71 0.00	39.03 -0.59 0.00	40.57 -0.90 0.00	40.96 -1.17 0.00	36.96 -0.87 0.00	35.74 -0.96 0.00	34.20 -0.60 0.00
GARDNVLA_35_KV_LD 355827	22.78 0.55 0.00	20.79 0.36 0.00	19.14 0.16 0.00	20.68 0.10 0.00	18.77 -0.13 0.00	19.91 0.07 0.00	21.98 -0.17 0.00	22.12 -0.30 0.00	24.36 -0.52 0.00	26.46 -0.48 0.00	30.71 -0.26 0.00	33.59 -0.30 0.00	35.24 -0.32 0.00	37.06 -0.24 0.00	37.92 -0.16 0.00	43.81 -0.54 0.00	45.04 0.04 0.00	41.19 -0.45 0.00	39.28 -0.33 0.00	40.82 -0.65 0.00	41.21 -0.92 0.00	37.19 -0.64 0.00	35.93 -0.77 0.00	34.37 -0.43 0.00
GELCKHM__115KV_LOAD 80723	22.18 -0.05 0.00	20.36 -0.06 0.00	18.87 -0.11 0.00	20.46 -0.12 0.00	18.75 -0.14 0.00	19.75 -0.09 0.00	21.99 -0.15 0.00	22.27 -0.15 0.00	24.69 -0.18 0.00	26.76 -0.18 0.00	30.94 -0.03 0.00	33.87 -0.02 0.00	35.63 0.07 0.00	37.43 0.12 -0.02	38.26 0.18 0.00	45.15 0.18 -0.62	45.97 0.31 -0.65	42.15 0.28 -0.23	39.97 0.30 -0.05	42.05 0.23 -0.35	42.48 0.10 -0.25	37.87 0.04 0.00	36.61 -0.11 -0.03	34.61 -0.21 -0.02
GENERAL___MILLS 23808	22.73 0.49 0.00	20.75 0.32 0.00	19.10 0.13 0.00	20.64 0.07 0.00	18.73 -0.16 0.00	19.88 0.03 0.00	21.95 -0.20 0.00	22.08 -0.34 0.00	24.31 -0.56 0.00	26.40 -0.54 0.00	30.63 -0.34 0.00	33.49 -0.40 0.00	35.13 -0.43 0.00	36.95 -0.35 0.00	37.80 -0.28 0.00	43.65 -0.69 0.00	44.88 -0.12 0.00	41.05 -0.59 0.00	39.15 -0.47 0.00	40.69 -0.78 0.00	41.07 -1.05 0.00	37.08 -0.75 0.00	35.83 -0.87 0.00	34.28 -0.52 0.00
GE_PLASTICS___DRP 24183	22.46 0.23 0.00	20.62 0.19 0.00	19.12 0.14 0.00	20.81 0.23 0.00	19.09 0.19 0.00	20.04 0.19 0.00	22.36 0.21 0.00	22.70 0.29 0.00	25.20 0.33 0.00	27.20 0.26 0.00	31.72 0.40 -0.36	34.73 0.44 -0.40	36.36 0.64 -0.16	40.49 0.63 -2.56	38.69 0.62 0.00	45.07 0.72 0.00	45.81 0.81 0.00	42.42 0.78 0.00	40.35 0.73 0.00	42.24 0.78 0.00	42.94 0.81 0.00	38.50 0.66 0.00	37.23 0.54 0.00	35.21 0.41 0.00
GILBOA___1 23756	22.73 0.50 0.00	20.87 0.44 0.00	19.34 0.36 0.00	21.06 0.49 0.00	19.29 0.40 0.00	20.25 0.41 0.00	22.61 0.46 0.00	22.97 0.55 0.00	25.52 0.65 0.00	27.60 0.66 0.00	31.91 0.94 0.00	35.01 1.12 0.00	36.98 1.42 0.00	38.66 1.36 0.00	39.45 1.37 0.00	45.84 1.49 0.00	46.59 1.60 0.00	43.06 1.42 0.00	40.98 1.36 0.00	42.95 1.48 0.00	43.59 1.46 0.00	39.12 1.29 0.00	37.80 1.10 0.00	35.62 0.82 0.00
GILBOA___2 23757	22.73 0.50 0.00	20.87 0.44 0.00	19.34 0.36 0.00	21.06 0.49 0.00	19.29 0.40 0.00	20.25 0.41 0.00	22.61 0.46 0.00	22.97 0.55 0.00	25.52 0.65 0.00	27.60 0.66 0.00	31.91 0.94 0.00	35.01 1.12 0.00	36.98 1.42 0.00	38.66 1.36 0.00	39.45 1.37 0.00	45.84 1.49 0.00	46.59 1.60 0.00	43.06 1.42 0.00	40.98 1.36 0.00	42.95 1.48 0.00	43.59 1.46 0.00	39.12 1.29 0.00	37.80 1.10 0.00	35.62 0.82 0.00

GILBOA___3 23758	22.73 0.50 0.00	20.87 0.44 0.00	19.34 0.36 0.00	21.06 0.49 0.00	19.29 0.40 0.00	20.25 0.41 0.00	22.61 0.46 0.00	22.97 0.55 0.00	25.52 0.65 0.00	27.60 0.66 0.00	31.91 0.94 0.00	35.01 1.12 0.00	36.98 1.42 0.00	38.66 1.36 0.00	39.45 1.37 0.00	45.84 1.49 0.00	46.59 1.60 0.00	43.06 1.42 0.00	40.98 1.36 0.00	42.95 1.48 0.00	43.59 1.46 0.00	39.12 1.29 0.00	37.80 1.10 0.00	35.62 0.82 0.00
GILBOA___4 23759	22.73 0.50 0.00	20.87 0.44 0.00	19.34 0.36 0.00	21.06 0.49 0.00	19.29 0.40 0.00	20.25 0.41 0.00	22.61 0.46 0.00	22.97 0.55 0.00	25.52 0.65 0.00	27.60 0.66 0.00	31.91 0.94 0.00	35.01 1.12 0.00	36.98 1.42 0.00	38.66 1.36 0.00	39.45 1.37 0.00	45.84 1.49 0.00	46.59 1.60 0.00	43.06 1.42 0.00	40.98 1.36 0.00	42.95 1.48 0.00	43.59 1.46 0.00	39.12 1.29 0.00	37.80 1.10 0.00	35.62 0.82 0.00
GILBOA___ 23599	22.73 0.50 0.00	20.87 0.44 0.00	19.34 0.36 0.00	21.06 0.49 0.00	19.29 0.40 0.00	20.25 0.41 0.00	22.61 0.46 0.00	22.97 0.55 0.00	25.52 0.65 0.00	27.60 0.66 0.00	31.91 0.94 0.00	35.02 1.13 0.00	36.98 1.42 0.00	38.66 1.36 0.00	39.45 1.37 0.00	45.84 1.49 0.00	46.60 1.59 0.00	43.07 1.42 0.00	40.98 1.37 0.00	42.95 1.48 0.00	43.59 1.46 0.00	39.12 1.29 0.00	37.80 1.10 0.00	35.62 0.82 0.00
GINNA___ 23603	21.69 -0.55 0.00	19.83 -0.60 0.00	18.31 -0.67 0.00	19.80 -0.77 0.00	18.10 -0.79 0.00	19.14 -0.70 0.00	21.26 -0.89 0.00	21.51 -0.91 0.00	23.75 -1.13 0.00	25.78 -1.16 0.00	29.80 -1.17 0.00	32.58 -1.31 0.00	34.38 -1.18 0.00	36.22 -1.08 0.00	37.04 -1.03 0.00	43.12 -1.23 0.00	44.22 -0.78 0.00	40.66 -0.98 0.00	38.66 -0.96 0.00	40.18 -1.29 0.00	40.62 -1.51 0.00	36.48 -1.35 0.00	35.15 -1.54 0.00	33.40 -1.40 0.00
GLEN PARK___ 23778	22.69 0.45 0.00	21.07 0.64 0.00	19.56 0.58 0.00	21.25 0.67 0.00	19.49 0.60 0.00	20.54 0.70 0.00	22.92 0.77 0.00	23.18 0.76 0.00	25.75 0.88 0.00	28.05 1.11 0.00	32.53 1.57 0.00	35.45 1.56 0.00	37.04 1.48 0.00	38.83 1.51 -0.02	39.18 1.11 0.00	46.55 1.39 -0.81	46.26 0.41 -0.85	42.59 0.65 -0.30	40.97 1.28 -0.06	43.74 1.82 -0.46	44.44 1.99 -0.33	39.25 1.41 0.00	38.26 1.53 -0.04	36.33 1.51 -0.03
GLENDALE_27_KV_LOAD 356172	23.67 1.43 0.00	21.74 1.31 0.00	20.10 1.12 0.00	21.76 1.19 0.00	19.94 1.05 0.00	21.06 1.22 0.00	23.56 1.42 0.00	24.07 1.65 0.00	26.89 2.01 0.00	29.19 2.24 0.00	36.23 3.02 -2.24	39.97 3.48 -2.61	40.70 4.16 -0.98	57.51 4.11 -16.10	42.01 3.94 0.00	48.65 4.45 0.15	45.77 4.65 3.88	44.77 4.21 1.08	41.57 3.76 1.81	43.64 3.88 1.70	42.65 3.81 3.29	41.33 3.50 0.00	39.94 3.24 0.00	37.50 2.70 0.00
GLENWOOD_IC_1_G5 23712	23.57 1.34 0.00	21.73 1.30 0.00	20.12 1.15 0.00	21.82 1.24 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.51 1.36 0.00	24.03 1.61 0.00	26.75 1.88 0.00	29.01 2.07 0.00	37.58 3.15 -3.47	41.65 3.82 -3.95	41.62 4.42 -1.64	57.78 4.23 -16.24	42.19 4.11 0.00	48.77 4.42 0.00	49.68 4.68 0.00	45.92 4.28 0.00	43.31 3.69 0.00	45.13 3.66 0.00	44.31 3.49 1.31	39.36 3.14 1.61	39.85 3.16 0.00	37.43 2.63 0.00
GLENWOOD_IC_2_G1 23688	23.51 1.28 0.00	21.68 1.26 0.00	20.08 1.10 0.00	21.77 1.20 0.00	19.91 1.02 0.00	21.02 1.18 0.00	23.45 1.30 0.00	23.96 1.55 0.00	26.67 1.80 0.00	28.93 1.99 0.00	37.45 3.01 -3.47	41.48 3.64 -3.95	41.44 4.24 -1.64	57.67 4.12 -16.24	42.09 4.01 0.00	48.74 4.39 0.00	49.66 4.66 0.00	45.88 4.24 0.00	43.32 3.70 0.00	45.16 3.69 0.00	45.26 3.54 0.40	40.52 3.18 0.49	39.70 3.01 0.00	37.31 2.50 0.00
GLENWOOD_IC_3_G1 23689	23.51 1.28 0.00	21.68 1.26 0.00	20.08 1.10 0.00	21.77 1.20 0.00	19.91 1.02 0.00	21.02 1.18 0.00	23.45 1.30 0.00	23.96 1.55 0.00	26.67 1.80 0.00	28.93 1.99 0.00	37.45 3.01 -3.47	41.48 3.64 -3.95	41.44 4.24 -1.64	57.67 4.12 -16.24	42.09 4.01 0.00	48.74 4.39 0.00	49.66 4.66 0.00	45.88 4.24 0.00	43.32 3.70 0.00	45.16 3.69 0.00	45.26 3.54 0.40	40.52 3.18 0.49	39.70 3.01 0.00	37.31 2.50 0.00
GLENWOOD___4 23550	23.57 1.34 0.00	21.73 1.30 0.00	20.12 1.15 0.00	21.82 1.24 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.51 1.36 0.00	24.03 1.61 0.00	26.75 1.88 0.00	29.01 2.07 0.00	37.58 3.15 -3.47	41.65 3.82 -3.95	41.63 4.43 -1.64	57.82 4.27 -16.24	42.24 4.17 0.00	48.86 4.52 0.00	49.79 4.79 0.00	46.01 4.37 0.00	43.41 3.79 0.00	45.23 3.76 0.00	44.41 3.60 1.31	39.44 3.22 1.61	39.85 3.16 0.00	37.43 2.63 0.00
GLENWOOD___5 23614	23.57 1.34 0.00	21.73 1.30 0.00	20.12 1.15 0.00	21.82 1.24 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.51 1.36 0.00	24.03 1.61 0.00	26.75 1.88 0.00	29.01 2.07 0.00	37.58 3.15 -3.47	41.65 3.82 -3.95	41.63 4.43 -1.64	57.82 4.27 -16.24	42.24 4.17 0.00	48.86 4.52 0.00	49.79 4.79 0.00	46.01 4.37 0.00	43.41 3.79 0.00	45.23 3.76 0.00	44.41 3.60 1.31	39.44 3.22 1.61	39.85 3.16 0.00	37.43 2.63 0.00
GLOBAL GREEN_PORT_GT1 23814	24.00 1.77 0.00	22.15 1.73 0.00	20.66 1.68 0.00	22.50 1.93 0.00	20.55 1.65 0.00	21.69 1.84 0.00	24.16 2.02 0.00	24.83 2.41 0.00	27.62 2.75 0.00	29.96 3.02 0.00	38.97 4.53 -3.47	42.68 4.84 -3.95	42.64 5.44 -1.64	59.06 5.51 -16.24	43.52 5.44 0.00	49.98 5.63 0.00	50.85 5.85 0.00	46.64 5.00 0.00	43.53 3.91 0.00	44.96 3.50 0.00	42.95 3.84 3.01	37.23 3.09 3.69	39.53 2.83 0.00	37.05 2.25 0.00
GLOBE___DSASP 323697	21.96 -0.28 0.00	20.07 -0.36 0.00	18.48 -0.49 0.00	19.96 -0.62 0.00	18.15 -0.74 0.00	19.26 -0.58 0.00	21.26 -0.89 0.00	21.35 -1.06 0.00	23.42 -1.45 0.00	25.36 -1.59 0.00	29.35 -1.62 0.00	31.78 -2.11 0.00	33.27 -2.29 0.00	35.10 -2.20 0.00	35.82 -2.26 0.00	41.32 -3.03 0.00	42.46 -2.54 0.00	38.92 -2.73 0.00	37.14 -2.47 0.00	38.55 -2.92 0.00	39.03 -3.10 0.00	35.26 -2.58 0.00	34.18 -2.52 0.00	33.01 -1.79 0.00
GOETHSLN___LBMP 323567	23.42 1.19 0.00	21.53 1.10 0.00	19.92 0.94 0.00	21.59 1.02 0.00	19.77 0.87 0.00	20.88 1.04 0.00	23.32 1.17 0.00	23.80 1.39 0.00	26.58 1.71 0.00	28.83 1.89 0.00	35.81 2.60 -2.24	39.54 3.04 -2.61	40.25 3.71 -0.98	57.06 3.65 -16.10	41.65 3.57 0.00	48.32 3.97 0.00	49.14 4.13 0.00	45.41 3.77 0.00	43.02 3.40 0.00	45.01 3.55 0.00	45.51 3.39 0.00	41.00 3.17 0.00	39.62 2.92 0.00	37.15 2.35 0.00
GOLAH___69_KV_TB 1_2 80279	22.89 0.65 0.00	20.88 0.45 0.00	19.26 0.28 0.00	20.81 0.24 0.00	18.99 0.10 0.00	20.11 0.27 0.00	22.31 0.17 0.00	22.52 0.11 0.00	24.85 -0.03 0.00	26.95 0.01 0.00	31.17 0.20 0.00	33.93 0.04 0.00	35.77 0.21 0.00	37.83 0.52 0.00	38.70 0.62 0.00	44.78 0.43 0.00	46.14 1.14 0.00	42.36 0.72 0.00	40.30 0.69 0.00	41.85 0.38 0.00	42.33 0.20 0.00	38.03 0.20 0.00	36.72 0.02 0.00	34.96 0.16 0.00

GOODYEAR_LAKE_HYD 323669	23.16 0.92 0.00	21.25 0.83 0.00	19.71 0.73 0.00	21.38 0.80 0.00	19.58 0.69 0.00	20.66 0.82 0.00	23.10 0.96 0.00	23.41 1.00 0.00	26.04 1.16 0.00	28.25 1.31 0.00	32.73 1.76 0.00	35.91 2.02 0.00	37.77 2.21 0.00	39.55 2.25 0.00	40.36 2.28 0.00	46.97 2.62 0.00	47.73 2.73 0.00	44.05 2.41 0.00	41.92 2.30 0.00	43.84 2.37 0.00	44.39 2.26 0.00	39.88 2.05 0.00	38.59 1.89 0.00	36.46 1.66 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.60 0.37 0.00	20.71 0.28 0.00	19.16 0.18 0.00	20.82 0.25 0.00	19.01 0.12 0.00	20.10 0.26 0.00	22.38 0.23 0.00	22.67 0.25 0.00	25.14 0.27 0.00	27.28 0.33 0.00	31.58 0.61 0.00	34.74 0.85 0.00	36.60 1.04 0.00	38.32 1.01 -0.01	39.17 1.09 0.00	45.84 1.13 -0.36	46.69 1.31 -0.38	42.76 0.99 -0.13	40.60 0.96 -0.03	42.62 0.96 -0.20	42.97 0.70 -0.14	38.58 0.74 0.00	37.22 0.51 -0.02	35.20 0.39 -0.01
GOUDEY___7 23579	22.63 0.39 0.00	20.73 0.31 0.00	19.18 0.20 0.00	20.84 0.27 0.00	19.02 0.13 0.00	20.11 0.27 0.00	22.40 0.25 0.00	22.69 0.27 0.00	25.16 0.29 0.00	27.30 0.36 0.00	31.62 0.65 0.00	34.78 0.89 0.00	36.65 1.09 0.00	38.37 1.06 -0.01	39.22 1.14 0.00	45.91 1.20 -0.36	46.75 1.38 -0.38	42.81 1.04 -0.13	40.65 1.00 -0.03	42.67 1.00 -0.20	43.02 0.74 -0.14	38.62 0.79 0.00	37.26 0.54 -0.02	35.23 0.42 -0.01
GOUDEY___8 23580	22.60 0.37 0.00	20.71 0.28 0.00	19.16 0.18 0.00	20.82 0.25 0.00	19.01 0.12 0.00	20.10 0.26 0.00	22.38 0.23 0.00	22.67 0.25 0.00	25.14 0.27 0.00	27.28 0.33 0.00	31.58 0.61 0.00	34.74 0.85 0.00	36.60 1.04 0.00	38.32 1.01 -0.01	39.17 1.09 0.00	45.84 1.13 -0.36	46.69 1.31 -0.38	42.76 0.99 -0.13	40.60 0.96 -0.03	42.62 0.96 -0.20	42.97 0.70 -0.14	38.58 0.74 0.00	37.22 0.51 -0.02	35.20 0.39 -0.01
GOWANUS_GT1_1 24077	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_2 24078	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_3 24079	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_4 24080	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_5 24084	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_6 24111	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_7 24112	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT1_8 24113	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_1 24114	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_2 24115	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_3 24116	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58

GOWANUS_GT2_4 24117	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_5 24118	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_6 24119	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_7 24120	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT2_8 24121	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_1 24122	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_2 24123	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_3 24124	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_4 24125	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_5 24126	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_6 24127	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_7 24128	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT3_8 24129	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_1 24130	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_2 24131	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58

GOWANUS_GT4_3 24132	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_4 24133	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_5 24134	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_6 24135	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_7 24136	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GOWANUS_GT4_8 24137	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GREENBSH_115KV_TB3 55895	22.55 0.31 0.00	20.68 0.26 0.00	19.17 0.19 0.00	20.89 0.31 0.00	19.16 0.27 0.00	20.10 0.26 0.00	22.43 0.28 0.00	22.79 0.37 0.00	25.30 0.43 0.00	27.29 0.34 0.00	31.84 0.50 -0.37	34.92 0.60 -0.43	36.57 0.85 -0.16	40.83 0.87 -2.66	38.94 0.86 0.00	45.33 0.99 0.00	46.07 1.07 0.00	42.68 1.04 0.00	40.58 0.96 0.00	42.47 1.01 0.00	43.19 1.06 0.00	38.71 0.88 0.00	37.39 0.70 0.00	35.23 0.43 0.00
GREENIDGE_115KV_TB5 80291	22.90 0.67 0.00	20.93 0.51 0.00	19.33 0.35 0.00	20.95 0.38 0.00	19.13 0.24 0.00	20.26 0.41 0.00	22.49 0.34 0.00	22.67 0.26 0.00	25.03 0.16 0.00	27.18 0.23 0.00	31.42 0.46 0.00	34.23 0.34 0.00	36.04 0.48 0.00	38.24 0.93 -0.01	39.25 1.17 0.00	45.79 1.15 -0.29	46.80 1.50 -0.31	42.91 1.16 -0.11	40.74 1.10 -0.02	42.57 0.93 -0.17	42.84 0.59 -0.12	38.30 0.46 0.00	36.89 0.18 -0.01	35.19 0.39 -0.01
GREENIDGE___3 23582	22.90 0.67 0.00	20.93 0.51 0.00	19.33 0.35 0.00	20.95 0.38 0.00	19.13 0.24 0.00	20.26 0.41 0.00	22.49 0.34 0.00	22.67 0.26 0.00	25.03 0.16 0.00	27.18 0.23 0.00	31.42 0.46 0.00	34.23 0.34 0.00	36.04 0.48 0.00	38.24 0.93 -0.01	39.25 1.17 0.00	45.79 1.15 -0.29	46.80 1.50 -0.31	42.91 1.16 -0.11	40.74 1.10 -0.02	42.57 0.93 -0.17	42.84 0.59 -0.12	38.30 0.46 0.00	36.89 0.18 -0.01	35.19 0.39 -0.01
GREENIDGE___4 23583	22.91 0.67 0.00	20.93 0.51 0.00	19.33 0.35 0.00	20.95 0.38 0.00	19.13 0.24 0.00	20.25 0.41 0.00	22.49 0.34 0.00	22.67 0.26 0.00	25.02 0.15 0.00	27.17 0.23 0.00	31.44 0.47 0.00	34.25 0.36 0.00	36.05 0.49 0.00	38.24 0.93 -0.01	39.25 1.17 0.00	45.79 1.15 -0.29	46.80 1.49 -0.31	42.91 1.16 -0.11	40.74 1.10 -0.02	42.56 0.92 -0.17	42.82 0.57 -0.12	38.30 0.47 0.00	36.89 0.18 -0.01	35.20 0.38 -0.01
GREENLWN_69_KV_BK 3 55738	23.18 0.95 0.00	21.48 1.06 0.00	19.93 0.95 0.00	21.61 1.04 0.00	19.76 0.86 0.00	20.83 0.99 0.00	23.20 1.05 0.00	23.70 1.28 0.00	26.23 1.36 0.00	28.38 1.44 0.00	36.95 2.51 -3.47	40.98 3.14 -3.95	40.90 3.71 -1.64	57.14 3.60 -16.24	41.59 3.51 0.00	48.12 3.77 0.00	49.04 4.04 0.00	45.33 3.69 0.00	42.74 3.12 0.00	44.51 3.04 0.00	42.02 2.85 2.96	36.72 2.51 3.63	39.00 2.30 0.00	36.62 1.82 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
GRISSOM___SOLAR 323813	25.00 2.77 0.00	22.90 2.48 0.00	21.22 2.25 0.00	22.94 2.36 0.00	21.05 2.15 0.00	22.25 2.41 0.00	24.77 2.62 0.00	24.16 1.74 0.00	25.77 0.90 0.00	27.54 0.59 0.00	32.10 1.13 0.00	36.24 2.35 0.00	38.01 2.45 0.00	40.51 3.21 0.00	42.24 4.16 0.00	48.94 4.59 0.00	52.72 7.72 0.00	46.52 4.88 0.00	45.20 5.58 0.00	47.42 5.95 0.00	47.98 5.85 0.00	42.85 5.02 0.00	41.55 4.85 0.00	39.19 4.39 0.00
GROVEVILLE___HYD 323602	23.59 1.35 0.00	21.65 1.22 0.00	19.99 1.02 0.00	21.68 1.10 0.00	19.86 0.96 0.00	20.96 1.12 0.00	23.43 1.28 0.00	23.90 1.48 0.00	26.69 1.82 0.00	28.93 1.99 0.00	33.61 2.64 0.00	36.99 3.10 0.00	39.33 3.77 0.00	41.06 3.76 0.00	41.78 3.71 0.00	48.70 4.35 0.00	49.59 4.59 0.00	45.86 4.23 0.00	43.48 3.86 0.00	45.44 3.97 0.00	46.00 3.87 0.00	41.23 3.40 0.00	39.73 3.04 0.00	37.23 2.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.98 0.04 0.00	31.18 0.21 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.63 0.62 -0.54	43.00 0.49 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03

HAMLTNNY_34_KV_TB 80303	22.44 0.21 0.00	20.55 0.13 0.00	19.06 0.08 0.00	20.68 0.10 0.00	18.93 0.04 0.00	19.96 0.12 0.00	22.23 0.08 0.00	22.50 0.08 0.00	24.93 0.06 0.00	27.04 0.09 0.00	31.26 0.29 0.00	34.21 0.32 0.00	36.02 0.46 0.00	37.86 0.54 -0.02	38.70 0.62 0.00	46.05 0.71 -0.98	46.89 0.85 -1.03	42.84 0.84 -0.36	40.52 0.82 -0.08	42.77 0.75 -0.55	43.12 0.59 -0.40	38.30 0.46 -0.01	37.00 0.26 -0.04	35.00 0.17 -0.03
HAMPSHIRE___PAPER_HYD 323593	22.00 -0.23 0.00	20.36 -0.07 0.00	18.98 0.00 0.00	20.58 0.00 0.00	18.92 0.03 0.00	19.88 0.04 0.00	22.26 0.11 0.00	22.40 -0.02 0.00	24.85 -0.02 0.00	27.08 0.14 0.00	31.15 0.19 0.00	33.83 -0.06 0.00	35.24 -0.32 0.00	37.18 -0.13 -0.01	37.76 -0.32 0.00	44.25 -0.42 -0.32	44.32 -1.02 -0.34	41.03 -0.73 -0.12	39.27 -0.38 -0.03	41.57 -0.08 -0.18	42.35 0.09 -0.13	37.73 -0.10 0.00	36.81 0.10 -0.01	35.33 0.52 -0.01
HARDSCRABBLE_WT_PWR 323673	22.50 0.27 0.00	20.63 0.21 0.00	19.13 0.16 0.00	20.76 0.19 0.00	19.02 0.13 0.00	19.99 0.15 0.00	22.38 0.23 0.00	22.68 0.26 0.00	24.98 0.11 0.00	26.83 -0.11 0.00	31.02 0.05 0.00	34.22 0.33 0.00	36.38 0.82 0.00	38.15 0.85 0.00	39.12 1.04 0.00	45.34 0.99 0.00	46.13 1.12 0.00	42.57 0.93 0.00	40.52 0.91 0.00	42.60 1.13 0.00	43.27 1.15 0.00	39.01 1.18 0.00	37.58 0.89 0.00	35.30 0.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.42 1.19 0.00	21.50 1.08 0.00	19.88 0.91 0.00	21.56 0.99 0.00	19.74 0.85 0.00	20.83 0.99 0.00	23.26 1.12 0.00	23.71 1.30 0.00	26.48 1.61 0.00	28.71 1.77 0.00	30.91 2.43 2.49	33.84 2.85 2.90	37.96 3.49 1.09	22.92 3.50 17.88	41.51 3.44 0.00	48.36 4.01 0.00	49.23 4.23 0.00	45.54 3.90 0.00	43.14 3.52 0.00	45.08 3.61 0.00	45.65 3.52 0.00	40.96 3.13 0.00	39.50 2.81 0.00	37.02 2.23 0.00
HARSNRAD_115KV_TB1 81005	22.44 0.20 0.00	20.50 0.07 0.00	18.88 -0.10 0.00	20.38 -0.20 0.00	18.52 -0.37 0.00	19.67 -0.18 0.00	21.68 -0.46 0.00	21.76 -0.66 0.00	23.82 -1.05 0.00	25.76 -1.18 0.00	29.80 -1.17 0.00	32.48 -1.41 0.00	34.07 -1.49 0.00	35.93 -1.37 0.00	36.70 -1.38 0.00	42.30 -2.05 0.00	43.54 -1.46 0.00	39.85 -1.78 0.01	38.05 -1.57 0.00	39.53 -1.94 0.00	40.00 -2.13 0.00	36.08 -1.75 0.00	34.91 -1.79 0.00	33.50 -1.30 0.00
HARZA MOOSE___RIVER 24016	22.59 0.35 0.00	20.90 0.48 0.00	19.42 0.44 0.00	21.08 0.50 0.00	19.34 0.45 0.00	20.37 0.53 0.00	22.76 0.62 0.00	23.00 0.58 0.00	25.51 0.64 0.00	27.73 0.78 0.00	32.03 1.06 0.00	35.13 1.24 0.00	36.84 1.28 0.00	38.60 1.29 -0.01	39.30 1.23 0.00	45.92 1.30 -0.27	46.28 1.00 -0.29	42.79 1.05 -0.10	40.82 1.18 -0.02	43.14 1.51 -0.15	43.86 1.63 -0.11	39.08 1.25 0.00	37.93 1.22 -0.01	35.97 1.16 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	22.19 -0.04 0.00	20.37 -0.06 0.00	18.87 -0.11 0.00	20.46 -0.12 0.00	18.75 -0.15 0.00	19.75 -0.09 0.00	21.99 -0.15 0.00	22.27 -0.14 0.00	24.69 -0.18 0.00	26.77 -0.17 0.00	30.96 -0.01 0.00	33.92 0.03 0.00	35.68 0.12 0.00	37.49 0.17 -0.01	38.31 0.24 0.00	45.10 0.23 -0.52	45.92 0.38 -0.54	42.15 0.31 -0.19	39.98 0.32 -0.04	42.02 0.26 -0.29	42.47 0.13 -0.21	37.89 0.05 0.00	36.61 -0.11 -0.02	34.61 -0.20 -0.02
HELLGATE_13_KV_LD 55870	23.53 1.29 0.00	21.62 1.20 0.00	19.99 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.11 0.00	23.43 1.28 0.00	23.93 1.51 0.00	26.72 1.85 0.00	28.98 2.04 0.00	35.98 2.77 -2.24	39.69 3.19 -2.61	40.40 3.86 -0.98	57.18 3.78 -16.10	41.68 3.61 0.00	48.32 4.07 0.10	46.77 4.30 2.53	44.84 3.90 0.70	41.92 3.48 1.18	43.93 3.56 1.11	43.48 3.49 2.14	41.02 3.19 0.00	39.66 2.96 0.00	37.27 2.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.53 1.29 0.00	21.62 1.20 0.00	19.99 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.11 0.00	23.43 1.28 0.00	23.93 1.51 0.00	26.72 1.85 0.00	28.98 2.04 0.00	35.98 2.77 -2.24	39.69 3.19 -2.61	40.40 3.86 -0.98	57.18 3.78 -16.10	41.68 3.61 0.00	48.32 4.07 0.10	46.77 4.30 2.53	44.84 3.90 0.70	41.92 3.48 1.18	43.93 3.56 1.11	43.48 3.49 2.14	41.02 3.19 0.00	39.66 2.96 0.00	37.27 2.47 0.00
HEMPSTEAD___ 23647	23.40 1.17 0.00	21.59 1.17 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.85 0.95 0.00	20.94 1.10 0.00	23.36 1.21 0.00	23.88 1.46 0.00	26.57 1.70 0.00	28.80 1.86 0.00	37.34 2.90 -3.47	41.35 3.52 -3.95	41.29 4.09 -1.64	57.48 3.94 -16.24	41.90 3.83 0.00	48.51 4.16 0.00	49.41 4.42 0.00	45.69 4.05 0.00	43.10 3.48 0.00	44.91 3.44 0.00	43.60 3.29 1.81	38.58 2.97 2.22	39.55 2.86 0.00	37.17 2.37 0.00
HEWLETT_69_KV_BK3 55828	23.68 1.45 0.00	21.84 1.41 0.00	20.22 1.24 0.00	21.93 1.36 0.00	20.06 1.16 0.00	21.18 1.33 0.00	23.61 1.46 0.00	24.14 1.72 0.00	26.86 1.99 0.00	29.12 2.17 0.00	37.70 3.26 -3.47	41.71 3.88 -3.95	41.56 4.37 -1.64	57.76 4.21 -16.24	42.13 4.05 0.00	48.85 4.50 0.00	49.80 4.79 0.00	46.03 4.39 0.00	43.46 3.84 0.00	45.30 3.83 0.00	45.41 3.69 0.40	40.76 3.43 0.49	39.85 3.15 0.00	37.45 2.65 0.00
HICKLING___1 23621	22.80 0.57 0.00	20.86 0.43 0.00	19.22 0.24 0.00	20.91 0.34 0.00	19.02 0.12 0.00	20.18 0.34 0.00	22.40 0.25 0.00	22.58 0.16 0.00	24.93 0.06 0.00	27.15 0.21 0.00	31.55 0.58 0.00	34.74 0.85 0.00	36.64 1.08 0.00	38.38 1.07 -0.01	39.31 1.23 0.00	45.79 1.14 -0.30	46.82 1.51 -0.31	42.85 1.10 -0.11	40.74 1.10 -0.02	42.62 0.98 -0.17	42.76 0.51 -0.12	38.44 0.60 0.00	36.97 0.27 -0.01	34.96 0.15 -0.01
HICKLING___2 23622	22.80 0.57 0.00	20.86 0.43 0.00	19.22 0.24 0.00	20.91 0.34 0.00	19.02 0.12 0.00	20.18 0.34 0.00	22.40 0.25 0.00	22.58 0.16 0.00	24.93 0.06 0.00	27.15 0.21 0.00	31.55 0.58 0.00	34.74 0.85 0.00	36.64 1.08 0.00	38.38 1.07 -0.01	39.31 1.23 0.00	45.79 1.14 -0.30	46.82 1.51 -0.31	42.85 1.10 -0.11	40.74 1.10 -0.02	42.62 0.98 -0.17	42.76 0.51 -0.12	38.44 0.60 0.00	36.97 0.27 -0.01	34.96 0.15 -0.01
HIGH FALLS___HY 23754	23.51 1.27 0.00	21.57 1.15 0.00	19.91 0.93 0.00	21.56 0.99 0.00	19.74 0.84 0.00	20.84 1.00 0.00	23.31 1.16 0.00	23.78 1.37 0.00	26.57 1.70 0.00	28.81 1.86 0.00	33.52 2.55 0.00	36.90 3.01 0.00	39.37 3.81 0.00	41.21 3.91 0.00	41.75 3.67 0.00	48.69 4.34 0.00	49.81 4.81 0.00	46.09 4.44 0.00	43.61 4.00 0.00	45.66 4.19 0.00	46.16 4.03 0.00	41.38 3.54 0.00	39.81 3.12 0.00	37.20 2.40 0.00
HIGH_RIVER___SOLAR 323847	23.26 1.02 0.00	21.35 0.92 0.00	19.78 0.80 0.00	21.45 0.87 0.00	19.67 0.78 0.00	20.70 0.86 0.00	23.11 0.97 0.00	23.28 0.86 0.00	25.58 0.71 0.00	27.46 0.52 0.00	31.55 0.58 0.00	34.69 0.80 0.00	36.91 1.35 0.00	38.53 1.23 0.00	39.83 1.76 0.00	46.05 1.71 0.00	47.28 2.28 0.00	43.84 2.20 0.00	41.51 1.89 0.00	43.74 2.27 0.00	44.50 2.38 0.00	39.91 2.07 0.00	38.58 1.89 0.00	36.40 1.60 0.00

HILLBURN___GT 23639	23.34 1.11 0.00	21.45 1.02 0.00	19.85 0.87 0.00	21.53 0.96 0.00	19.71 0.81 0.00	20.80 0.96 0.00	23.22 1.07 0.00	23.67 1.25 0.00	26.45 1.58 0.00	28.68 1.74 0.00	30.45 2.39 2.90	33.32 2.81 3.38	37.73 3.44 1.27	19.84 3.41 20.87	41.37 3.29 0.00	48.12 3.77 0.00	48.99 3.99 0.00	45.31 3.67 0.00	42.90 3.28 0.00	44.86 3.39 0.00	45.48 3.35 0.00	40.84 3.01 0.00	39.40 2.71 0.00	36.94 2.13 0.00
HILLSIDE_115KV_TB1 80332	22.43 0.20 0.00	20.52 0.10 0.00	18.93 -0.05 0.00	20.62 0.05 0.00	18.73 -0.16 0.00	19.88 0.04 0.00	22.10 -0.05 0.00	22.33 -0.08 0.00	24.73 -0.14 0.00	26.90 -0.04 0.00	31.22 0.25 0.00	34.42 0.53 0.00	36.37 0.81 0.00	38.02 0.71 -0.01	38.88 0.80 0.00	45.25 0.60 -0.31	46.22 0.90 -0.32	42.24 0.49 -0.11	40.16 0.51 -0.02	42.09 0.45 -0.17	42.21 -0.04 -0.12	38.05 0.22 0.00	36.60 -0.11 -0.01	34.61 -0.20 -0.01
HISHELDN_WT_PWR 323625	22.63 0.40 0.00	20.68 0.25 0.00	19.06 0.08 0.00	20.62 0.04 0.00	18.73 -0.16 0.00	19.85 0.00 0.00	21.86 -0.28 0.00	21.91 -0.51 0.00	24.08 -0.79 0.00	26.22 -0.72 0.00	30.46 -0.51 0.00	33.28 -0.60 0.00	34.90 -0.66 0.00	36.74 -0.56 0.00	37.64 -0.44 0.00	43.48 -0.87 0.00	44.68 -0.32 0.00	40.98 -0.66 0.00	39.03 -0.58 0.00	40.58 -0.89 0.00	40.90 -1.23 0.00	36.82 -1.01 0.00	35.61 -1.09 0.00	34.02 -0.78 0.00
HOLTSVILLE_IC_1 23690	23.23 0.99 0.00	21.52 1.10 0.00	19.97 0.99 0.00	21.67 1.10 0.00	19.79 0.90 0.00	20.88 1.04 0.00	23.24 1.09 0.00	23.77 1.35 0.00	26.32 1.45 0.00	28.48 1.54 0.00	37.12 2.68 -3.47	41.21 3.37 -3.95	41.16 3.96 -1.64	57.34 3.79 -16.24	41.79 3.71 0.00	48.15 3.80 0.00	49.08 4.08 0.00	45.39 3.75 0.00	42.75 3.13 0.00	44.54 3.07 0.00	41.99 2.88 3.02	36.61 2.48 3.70	38.97 2.28 0.00	36.63 1.83 0.00
HOLTSVILLE_IC_10 23699	23.34 1.11 0.00	21.62 1.20 0.00	20.06 1.08 0.00	21.77 1.20 0.00	19.88 0.98 0.00	20.97 1.13 0.00	23.35 1.21 0.00	23.89 1.48 0.00	26.49 1.62 0.00	28.68 1.74 0.00	37.37 2.93 -3.47	41.52 3.68 -3.95	41.52 4.32 -1.64	57.72 4.18 -16.24	42.15 4.07 0.00	48.51 4.16 0.00	49.47 4.46 0.00	45.72 4.08 0.00	43.08 3.46 0.00	44.94 3.47 0.00	42.36 3.23 3.00	36.93 2.77 3.68	39.25 2.55 0.00	36.88 2.08 0.00
HOLTSVILLE_IC_2 23691	23.23 0.99 0.00	21.52 1.10 0.00	19.97 0.99 0.00	21.67 1.10 0.00	19.79 0.90 0.00	20.88 1.04 0.00	23.24 1.09 0.00	23.77 1.35 0.00	26.32 1.45 0.00	28.48 1.54 0.00	37.12 2.68 -3.47	41.21 3.37 -3.95	41.16 3.96 -1.64	57.34 3.79 -16.24	41.79 3.71 0.00	48.15 3.80 0.00	49.08 4.08 0.00	45.39 3.75 0.00	42.75 3.13 0.00	44.54 3.07 0.00	41.99 2.88 3.02	36.61 2.48 3.70	38.97 2.28 0.00	36.63 1.83 0.00
HOLTSVILLE_IC_3 23692	23.23 0.99 0.00	21.52 1.10 0.00	19.97 0.99 0.00	21.67 1.10 0.00	19.79 0.90 0.00	20.88 1.04 0.00	23.24 1.09 0.00	23.77 1.35 0.00	26.32 1.45 0.00	28.48 1.54 0.00	37.12 2.68 -3.47	41.21 3.37 -3.95	41.16 3.96 -1.64	57.34 3.79 -16.24	41.79 3.71 0.00	48.15 3.80 0.00	49.08 4.08 0.00	45.39 3.75 0.00	42.75 3.13 0.00	44.54 3.07 0.00	41.99 2.88 3.02	36.61 2.48 3.70	38.97 2.28 0.00	36.63 1.83 0.00
HOLTSVILLE_IC_4 23693	23.23 0.99 0.00	21.52 1.10 0.00	19.97 0.99 0.00	21.67 1.10 0.00	19.79 0.90 0.00	20.88 1.04 0.00	23.24 1.09 0.00	23.77 1.35 0.00	26.32 1.45 0.00	28.48 1.54 0.00	37.12 2.68 -3.47	41.21 3.37 -3.95	41.16 3.96 -1.64	57.34 3.79 -16.24	41.79 3.71 0.00	48.15 3.80 0.00	49.08 4.08 0.00	45.39 3.75 0.00	42.75 3.13 0.00	44.54 3.07 0.00	41.99 2.88 3.02	36.61 2.48 3.70	38.97 2.28 0.00	36.63 1.83 0.00
HOLTSVILLE_IC_5 23694	23.23 0.99 0.00	21.52 1.10 0.00	19.97 0.99 0.00	21.67 1.10 0.00	19.79 0.90 0.00	20.88 1.04 0.00	23.24 1.09 0.00	23.77 1.35 0.00	26.32 1.45 0.00	28.48 1.54 0.00	37.12 2.68 -3.47	41.21 3.37 -3.95	41.16 3.96 -1.64	57.34 3.79 -16.24	41.79 3.71 0.00	48.15 3.80 0.00	49.08 4.08 0.00	45.39 3.75 0.00	42.75 3.13 0.00	44.54 3.07 0.00	41.99 2.88 3.02	36.61 2.48 3.70	38.97 2.28 0.00	36.63 1.83 0.00
HOLTSVILLE_IC_6 23695	23.34 1.11 0.00	21.62 1.20 0.00	20.06 1.08 0.00	21.77 1.20 0.00	19.88 0.98 0.00	20.97 1.13 0.00	23.35 1.21 0.00	23.89 1.48 0.00	26.49 1.62 0.00	28.68 1.74 0.00	37.37 2.93 -3.47	41.52 3.68 -3.95	41.52 4.32 -1.64	57.72 4.18 -16.24	42.15 4.07 0.00	48.51 4.16 0.00	49.47 4.46 0.00	45.72 4.08 0.00	43.08 3.46 0.00	44.94 3.47 0.00	42.36 3.23 3.00	36.93 2.77 3.68	39.25 2.55 0.00	36.88 2.08 0.00
HOLTSVILLE_IC_7 23696	23.34 1.11 0.00	21.62 1.20 0.00	20.06 1.08 0.00	21.77 1.20 0.00	19.88 0.98 0.00	20.97 1.13 0.00	23.35 1.21 0.00	23.89 1.48 0.00	26.49 1.62 0.00	28.68 1.74 0.00	37.37 2.93 -3.47	41.52 3.68 -3.95	41.52 4.32 -1.64	57.72 4.18 -16.24	42.15 4.07 0.00	48.51 4.16 0.00	49.47 4.46 0.00	45.72 4.08 0.00	43.08 3.46 0.00	44.94 3.47 0.00	42.36 3.23 3.00	36.93 2.77 3.68	39.25 2.55 0.00	36.88 2.08 0.00
HOLTSVILLE_IC_8 23697	23.34 1.11 0.00	21.62 1.20 0.00	20.06 1.08 0.00	21.77 1.20 0.00	19.88 0.98 0.00	20.97 1.13 0.00	23.35 1.21 0.00	23.89 1.48 0.00	26.49 1.62 0.00	28.68 1.74 0.00	37.37 2.93 -3.47	41.52 3.68 -3.95	41.52 4.32 -1.64	57.72 4.18 -16.24	42.15 4.07 0.00	48.51 4.16 0.00	49.47 4.46 0.00	45.72 4.08 0.00	43.08 3.46 0.00	44.94 3.47 0.00	42.36 3.23 3.00	36.93 2.77 3.68	39.25 2.55 0.00	36.88 2.08 0.00
HOLTSVILLE_IC_9 23698	23.34 1.11 0.00	21.62 1.20 0.00	20.06 1.08 0.00	21.77 1.20 0.00	19.88 0.98 0.00	20.97 1.13 0.00	23.35 1.21 0.00	23.89 1.48 0.00	26.49 1.62 0.00	28.68 1.74 0.00	37.37 2.93 -3.47	41.52 3.68 -3.95	41.52 4.32 -1.64	57.72 4.18 -16.24	42.15 4.07 0.00	48.51 4.16 0.00	49.47 4.46 0.00	45.72 4.08 0.00	43.08 3.46 0.00	44.94 3.47 0.00	42.36 3.23 3.00	36.93 2.77 3.68	39.25 2.55 0.00	36.88 2.08 0.00
HOMER_HL_115KV_TB2 355744	22.74 0.51 0.00	20.92 0.49 0.00	19.30 0.32 0.00	20.96 0.39 0.00	19.02 0.12 0.00	20.19 0.35 0.00	22.34 0.19 0.00	22.53 0.11 0.00	24.94 0.07 0.00	27.09 0.15 0.00	31.35 0.38 0.00	34.20 0.30 0.00	35.87 0.31 0.00	37.47 0.17 0.00	38.28 0.20 0.00	44.03 -0.32 0.00	45.23 0.23 0.00	41.35 -0.28 0.00	39.44 -0.18 0.00	40.94 -0.53 0.00	41.23 -0.89 0.00	37.42 -0.41 0.00	36.39 -0.31 0.00	34.78 -0.02 0.00
HOWARD_WT_PWR 323690	23.13 0.89 0.00	21.14 0.71 0.00	19.49 0.51 0.00	21.18 0.61 0.00	19.29 0.40 0.00	20.47 0.63 0.00	22.33 0.19 0.00	22.06 -0.36 0.00	24.33 -0.54 0.00	26.77 -0.17 0.00	31.09 0.12 0.00	34.03 0.14 0.00	35.64 0.08 0.00	37.55 0.24 -0.01	38.59 0.52 0.00	44.39 -0.17 -0.22	46.24 1.01 -0.23	42.58 0.86 -0.08	40.25 0.62 -0.02	41.97 0.38 -0.12	41.93 -0.28 -0.09	37.60 -0.23 0.00	35.94 -0.76 -0.01	34.04 -0.77 -0.01

HQ_GEN_CEDARS 23644	21.96 -0.28 0.00	20.19 -0.23 0.00	18.86 -0.12 0.00	20.41 -0.16 0.00	18.81 -0.08 0.00	19.69 -0.15 0.00	22.08 -0.07 0.00	22.21 -0.21 0.00	24.64 -0.23 0.00	26.82 -0.12 0.00	30.52 -0.45 0.00	32.66 -1.23 0.00	33.78 -1.78 0.00	35.67 -1.63 0.00	36.39 -1.68 0.00	42.45 -1.90 0.00	42.77 -2.23 0.00	39.68 -1.96 0.00	37.86 -1.75 0.00	39.69 -1.77 0.00	40.46 -1.67 0.00	36.40 -1.43 0.00	35.70 -1.00 0.00	34.82 0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	21.96 -0.28 0.00	20.20 -0.23 0.00	18.86 -0.12 0.00	20.41 -0.16 0.00	18.81 -0.08 0.00	19.69 -0.15 0.00	22.08 -0.07 0.00	22.21 -0.21 0.00	24.64 -0.23 0.00	26.82 -0.12 0.00	30.37 -0.45 0.15	32.66 -1.23 0.00	33.79 -1.77 0.00	35.67 -1.63 0.00	36.40 -1.68 0.00	42.45 -1.90 0.00	42.77 -2.23 0.00	39.68 -1.96 0.00	37.86 -1.75 0.00	39.70 -1.77 0.00	40.46 -1.67 0.00	36.40 -1.43 0.00	35.70 -1.00 0.00	34.82 0.02 0.00
HQ_GEN_IMPORT 323601	21.97 -0.26 0.00	20.19 -0.23 0.00	18.84 -0.14 0.00	20.39 -0.19 0.00	18.78 -0.12 0.00	19.65 -0.19 0.00	21.98 -0.16 0.00	22.17 -0.25 0.00	24.24 -0.27 0.36	26.72 -0.24 -0.02	30.45 -0.52 0.00	33.18 -0.71 0.00	34.50 -1.06 0.00	36.28 -1.02 0.00	37.46 -1.05 -0.43	43.21 -1.14 0.00	43.67 -1.33 0.00	40.44 -1.20 0.00	38.51 -1.11 0.00	40.34 -1.13 0.00	41.08 -1.05 0.00	36.95 -0.88 0.00	36.06 -0.64 0.00	34.50 -0.30 0.00
HQ_GEN_WHEEL 23651	21.97 -0.26 0.00	20.19 -0.23 0.00	18.84 -0.14 0.00	20.39 -0.19 0.00	18.78 -0.12 0.00	19.65 -0.19 0.00	21.98 -0.16 0.00	22.17 -0.25 0.00	24.24 -0.27 0.36	26.72 -0.24 -0.02	30.45 -0.52 0.00	33.18 -0.71 0.00	34.50 -1.06 0.00	36.28 -1.02 0.00	37.46 -1.05 -0.43	43.21 -1.14 0.00	43.67 -1.33 0.00	40.44 -1.20 0.00	38.51 -1.11 0.00	40.34 -1.13 0.00	41.08 -1.05 0.00	36.95 -0.88 0.00	36.06 -0.64 0.00	34.50 -0.30 0.00
HUDSON AVE_GT_3 23810	23.56 1.33 0.00	21.65 1.23 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.04 2.10 0.00	36.06 2.85 -2.24	39.82 3.32 -2.61	40.53 3.99 -0.98	57.38 3.97 -16.10	41.92 3.85 0.00	48.70 4.35 0.00	49.53 4.53 0.00	45.75 4.11 0.00	43.30 3.69 0.00	45.28 3.82 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.81 3.12 0.00	37.34 2.54 0.00
HUDSON AVE_GT_4 23540	23.56 1.33 0.00	21.65 1.23 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.04 2.10 0.00	36.06 2.85 -2.24	39.82 3.32 -2.61	40.53 3.99 -0.98	57.38 3.97 -16.10	41.92 3.85 0.00	48.70 4.35 0.00	49.53 4.53 0.00	45.75 4.11 0.00	43.30 3.69 0.00	45.28 3.82 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.81 3.12 0.00	37.34 2.54 0.00
HUDSON AVE_GT_5 23657	23.56 1.33 0.00	21.65 1.23 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.04 2.10 0.00	36.06 2.85 -2.24	39.82 3.32 -2.61	40.53 3.99 -0.98	57.38 3.97 -16.10	41.92 3.85 0.00	48.70 4.35 0.00	49.53 4.53 0.00	45.75 4.11 0.00	43.30 3.69 0.00	45.28 3.82 0.00	45.83 3.71 0.00	41.22 3.39 0.00	39.81 3.12 0.00	37.34 2.54 0.00
HUDSON_AVE_10 24168	23.50 1.26 0.00	21.59 1.16 0.00	19.96 0.98 0.00	21.63 1.06 0.00	19.81 0.92 0.00	20.93 1.09 0.00	23.40 1.25 0.00	23.90 1.48 0.00	26.68 1.81 0.00	28.95 2.01 0.00	35.95 2.74 -2.24	39.68 3.18 -2.61	40.40 3.86 -0.98	57.26 3.85 -16.10	41.81 3.73 0.00	48.57 4.22 0.00	49.39 4.39 0.00	45.64 4.00 0.00	43.20 3.58 0.00	45.17 3.71 0.00	45.71 3.58 0.00	41.11 3.27 0.00	39.69 2.99 0.00	37.23 2.44 0.00
HUDSON___115KV_TB 4 355613	23.10 0.87 0.00	21.16 0.73 0.00	19.60 0.62 0.00	21.34 0.77 0.00	19.58 0.69 0.00	20.55 0.70 0.00	22.95 0.80 0.00	23.29 0.87 0.00	25.77 0.90 0.00	27.68 0.74 0.00	31.84 0.87 0.00	34.82 0.94 0.00	36.74 1.19 0.00	40.83 1.29 -2.24	39.52 1.45 0.00	46.20 1.86 0.00	47.13 2.13 0.00	43.73 2.09 0.00	41.81 2.19 0.00	43.81 2.35 0.00	44.58 2.45 0.00	39.87 2.04 0.00	38.44 1.75 0.00	36.24 1.44 0.00
HUNTER MOUNT___DRP 323613	23.22 0.99 0.00	21.25 0.82 0.00	19.68 0.70 0.00	21.43 0.86 0.00	19.67 0.78 0.00	20.63 0.79 0.00	23.04 0.89 0.00	23.37 0.96 0.00	25.83 0.96 0.00	27.67 0.73 0.00	31.77 0.80 0.00	34.70 0.81 0.00	36.56 1.01 0.00	38.42 1.12 0.00	39.48 1.41 0.00	46.23 1.89 0.00	47.23 2.23 0.00	43.88 2.24 0.00	41.93 2.32 0.00	43.97 2.51 0.00	44.76 2.63 0.00	39.99 2.16 0.00	38.55 1.86 0.00	36.40 1.60 0.00
HUNTINGTON_RES_REC 323705	23.25 1.02 0.00	21.55 1.13 0.00	19.99 1.01 0.00	21.69 1.11 0.00	19.81 0.91 0.00	20.89 1.05 0.00	23.26 1.11 0.00	23.79 1.37 0.00	26.35 1.47 0.00	28.52 1.58 0.00	37.15 2.71 -3.47	41.25 3.41 -3.95	41.24 4.04 -1.64	57.49 3.94 -16.24	41.94 3.86 0.00	48.42 4.07 0.00	49.37 4.37 0.00	45.60 3.96 0.00	42.98 3.37 0.00	44.78 3.31 0.00	42.21 3.07 2.99	36.83 2.66 3.67	39.15 2.45 0.00	36.75 1.95 0.00
HUNTLEY___63 23557	22.61 0.38 0.00	20.65 0.22 0.00	19.00 0.02 0.00	20.52 -0.06 0.00	18.64 -0.25 0.00	19.80 -0.04 0.00	21.85 -0.30 0.00	21.97 -0.44 0.00	24.14 -0.73 0.00	26.18 -0.76 0.00	30.35 -0.62 0.00	33.07 -0.82 0.00	34.65 -0.91 0.00	36.47 -0.83 0.00	37.23 -0.84 0.00	42.95 -1.40 0.00	44.05 -0.95 0.00	40.32 -1.32 0.00	38.45 -1.16 0.00	40.00 -1.47 0.00	40.45 -1.67 0.00	36.52 -1.31 0.00	35.31 -1.39 0.00	33.98 -0.82 0.00
HUNTLEY___64 23558	22.61 0.38 0.00	20.65 0.22 0.00	19.00 0.02 0.00	20.52 -0.06 0.00	18.64 -0.25 0.00	19.80 -0.04 0.00	21.85 -0.30 0.00	21.97 -0.44 0.00	24.14 -0.73 0.00	26.18 -0.76 0.00	30.35 -0.62 0.00	33.07 -0.82 0.00	34.65 -0.91 0.00	36.47 -0.83 0.00	37.23 -0.84 0.00	42.95 -1.40 0.00	44.05 -0.95 0.00	40.32 -1.32 0.00	38.45 -1.16 0.00	40.00 -1.47 0.00	40.45 -1.67 0.00	36.52 -1.31 0.00	35.31 -1.39 0.00	33.98 -0.82 0.00
HUNTLEY___65 23559	22.61 0.38 0.00	20.65 0.22 0.00	19.00 0.02 0.00	20.52 -0.06 0.00	18.64 -0.25 0.00	19.80 -0.04 0.00	21.85 -0.30 0.00	21.97 -0.44 0.00	24.14 -0.73 0.00	26.18 -0.76 0.00	30.35 -0.62 0.00	33.07 -0.82 0.00	34.65 -0.91 0.00	36.47 -0.83 0.00	37.23 -0.84 0.00	42.95 -1.40 0.00	44.05 -0.95 0.00	40.32 -1.32 0.00	38.45 -1.16 0.00	40.00 -1.47 0.00	40.45 -1.67 0.00	36.52 -1.31 0.00	35.31 -1.39 0.00	33.98 -0.82 0.00
HUNTLEY___66 23560	22.61 0.38 0.00	20.65 0.22 0.00	19.00 0.02 0.00	20.52 -0.06 0.00	18.64 -0.25 0.00	19.80 -0.04 0.00	21.85 -0.30 0.00	21.97 -0.44 0.00	24.14 -0.73 0.00	26.18 -0.76 0.00	30.35 -0.62 0.00	33.07 -0.82 0.00	34.65 -0.91 0.00	36.47 -0.83 0.00	37.23 -0.84 0.00	42.95 -1.40 0.00	44.05 -0.95 0.00	40.32 -1.32 0.00	38.45 -1.16 0.00	40.00 -1.47 0.00	40.45 -1.67 0.00	36.52 -1.31 0.00	35.31 -1.39 0.00	33.98 -0.82 0.00

HUNTLEY___67 23561	22.43 0.19 0.00	20.49 0.06 0.00	18.87 -0.11 0.00	20.38 -0.20 0.00	18.51 -0.38 0.00	19.64 -0.20 0.00	21.68 -0.47 0.00	21.79 -0.63 0.00	23.96 -0.91 0.00	25.99 -0.95 0.00	30.13 -0.84 0.00	32.87 -1.02 0.00	34.44 -1.12 0.00	36.28 -1.02 0.00	37.08 -0.99 0.00	42.81 -1.54 0.00	44.04 -0.96 0.00	40.31 -1.33 0.00	38.46 -1.16 0.00	39.94 -1.52 0.00	40.37 -1.76 0.00	36.45 -1.38 0.00	35.26 -1.44 0.00	33.81 -1.00 0.00
HUNTLEY___68 23562	22.43 0.19 0.00	20.49 0.06 0.00	18.87 -0.11 0.00	20.38 -0.20 0.00	18.51 -0.38 0.00	19.64 -0.20 0.00	21.68 -0.47 0.00	21.79 -0.63 0.00	23.96 -0.91 0.00	25.99 -0.95 0.00	30.13 -0.84 0.00	32.87 -1.02 0.00	34.44 -1.12 0.00	36.28 -1.02 0.00	37.08 -0.99 0.00	42.81 -1.54 0.00	44.04 -0.96 0.00	40.31 -1.33 0.00	38.46 -1.16 0.00	39.94 -1.52 0.00	40.37 -1.76 0.00	36.45 -1.38 0.00	35.26 -1.44 0.00	33.81 -1.00 0.00
HYLAND___LFGE 323620	23.82 1.59 0.00	21.72 1.30 0.00	19.99 1.02 0.00	21.64 1.07 0.00	19.75 0.86 0.00	20.95 1.11 0.00	23.21 1.07 0.00	23.27 0.86 0.00	25.19 0.32 0.00	27.40 0.46 0.00	31.52 0.55 0.00	34.15 0.26 0.00	35.34 -0.21 0.00	37.18 -0.13 0.00	38.27 0.20 0.00	43.96 -0.38 0.00	45.54 0.54 0.00	42.94 1.29 0.00	40.97 1.35 0.00	42.63 1.16 0.00	43.13 1.00 0.00	38.70 0.87 0.00	37.90 1.21 0.00	36.18 1.38 0.00
INDECK___CORINTH 23802	24.30 2.06 0.00	22.15 1.72 0.00	20.39 1.41 0.00	22.05 1.47 0.00	20.12 1.23 0.00	20.98 1.14 0.00	23.36 1.21 0.00	23.66 1.25 0.00	25.98 1.10 0.00	27.87 0.93 0.00	32.12 0.80 -0.35	35.40 1.10 -0.41	37.26 1.54 -0.15	41.63 1.81 -2.51	40.13 2.06 0.00	46.69 2.35 0.00	48.23 3.23 0.00	44.67 3.03 0.00	42.68 3.06 0.00	44.76 3.30 0.00	45.45 3.33 0.00	40.63 2.80 0.00	39.22 2.53 0.00	36.70 1.90 0.00
INDECK___ILION 23567	22.48 0.24 0.00	20.62 0.19 0.00	19.12 0.14 0.00	20.76 0.18 0.00	19.03 0.14 0.00	20.00 0.16 0.00	22.34 0.20 0.00	22.64 0.22 0.00	25.00 0.13 0.00	26.96 0.02 0.00	31.10 0.13 0.00	34.21 0.33 0.00	36.20 0.64 0.00	37.95 0.65 0.00	38.85 0.77 0.00	45.12 0.77 0.00	45.94 0.94 0.00	42.46 0.82 0.00	40.37 0.75 0.00	42.33 0.87 0.00	43.05 0.93 0.00	38.69 0.86 0.00	37.36 0.66 0.00	35.16 0.36 0.00
INDECK___OLEAN 23982	22.76 0.52 0.00	20.92 0.49 0.00	19.30 0.32 0.00	20.96 0.39 0.00	19.02 0.12 0.00	20.19 0.35 0.00	22.34 0.19 0.00	22.53 0.11 0.00	24.93 0.06 0.00	27.07 0.13 0.00	31.35 0.38 0.00	34.23 0.34 0.00	35.88 0.32 0.00	37.49 0.18 0.00	38.28 0.20 0.00	44.03 -0.32 0.00	45.23 0.23 0.00	41.35 -0.29 0.00	39.44 -0.18 0.00	40.92 -0.54 0.00	41.21 -0.91 0.00	37.42 -0.41 0.00	36.39 -0.31 0.00	34.78 -0.02 0.00
INDECK___OSWEGO 23783	21.90 -0.33 0.00	20.13 -0.29 0.00	18.67 -0.31 0.00	20.23 -0.34 0.00	18.56 -0.34 0.00	19.52 -0.32 0.00	21.74 -0.41 0.00	22.01 -0.41 0.00	24.38 -0.49 0.00	26.43 -0.51 0.00	30.49 -0.48 0.00	33.25 -0.64 0.00	34.86 -0.70 0.00	36.60 -0.76 -0.06	37.33 -0.75 0.00	45.73 -0.92 -2.31	46.58 -0.84 -2.42	41.68 -0.81 -0.84	39.10 -0.70 -0.18	42.02 -0.74 -1.30	42.23 -0.83 -0.93	37.07 -0.77 -0.01	36.14 -0.66 -0.10	34.24 -0.63 -0.07
INDECK___YERKES 23781	22.64 0.41 0.00	20.67 0.24 0.00	19.02 0.04 0.00	20.53 -0.04 0.00	18.65 -0.24 0.00	19.82 -0.02 0.00	21.87 -0.28 0.00	21.99 -0.42 0.00	24.16 -0.71 0.00	26.19 -0.75 0.00	30.39 -0.58 0.00	33.15 -0.74 0.00	34.70 -0.86 0.00	36.50 -0.80 0.00	37.24 -0.84 0.00	42.97 -1.38 0.00	44.06 -0.94 0.00	40.32 -1.32 0.00	38.44 -1.17 0.00	39.98 -1.49 0.00	40.41 -1.71 0.00	36.53 -1.30 0.00	35.31 -1.39 0.00	34.01 -0.79 0.00
INDIAN POINT_GT_1 24139	23.33 1.09 0.00	21.43 1.01 0.00	19.82 0.84 0.00	21.50 0.93 0.00	19.69 0.79 0.00	20.78 0.94 0.00	23.21 1.06 0.00	23.67 1.25 0.00	26.41 1.54 0.00	28.63 1.68 0.00	35.93 2.34 -2.63	39.68 2.73 -3.06	40.05 3.34 -1.15	59.51 3.32 -18.89	41.27 3.19 0.00	47.99 3.64 0.00	48.84 3.84 0.00	45.17 3.53 0.00	42.78 3.16 0.00	44.74 3.27 0.00	45.33 3.20 0.00	40.72 2.90 0.00	39.31 2.61 0.00	36.87 2.07 0.00
INDIAN POINT_GT_2 23659	23.33 1.09 0.00	21.43 1.01 0.00	19.82 0.84 0.00	21.50 0.93 0.00	19.69 0.79 0.00	20.78 0.94 0.00	23.21 1.06 0.00	23.67 1.25 0.00	26.41 1.54 0.00	28.63 1.68 0.00	35.93 2.34 -2.63	39.68 2.73 -3.06	40.05 3.34 -1.15	59.51 3.32 -18.89	41.27 3.19 0.00	47.99 3.64 0.00	48.84 3.84 0.00	45.17 3.53 0.00	42.78 3.16 0.00	44.74 3.27 0.00	45.33 3.20 0.00	40.72 2.90 0.00	39.31 2.61 0.00	36.87 2.07 0.00
INDIAN POINT_GT_3 24019	23.33 1.09 0.00	21.43 1.01 0.00	19.82 0.84 0.00	21.50 0.93 0.00	19.69 0.79 0.00	20.78 0.94 0.00	23.21 1.06 0.00	23.67 1.25 0.00	26.41 1.54 0.00	28.63 1.68 0.00	35.93 2.34 -2.63	39.68 2.73 -3.06	40.05 3.34 -1.15	59.51 3.32 -18.89	41.27 3.19 0.00	47.99 3.64 0.00	48.84 3.84 0.00	45.17 3.53 0.00	42.78 3.16 0.00	44.74 3.27 0.00	45.33 3.20 0.00	40.72 2.90 0.00	39.31 2.61 0.00	36.87 2.07 0.00
INDIAN POINT___2 23530	23.30 1.06 0.00	21.41 0.98 0.00	19.81 0.83 0.00	21.48 0.91 0.00	19.67 0.78 0.00	20.76 0.92 0.00	23.19 1.04 0.00	23.63 1.22 0.00	26.39 1.52 0.00	28.60 1.66 0.00	36.82 2.30 -3.55	40.71 2.69 -4.13	40.41 3.30 -1.56	66.09 3.26 -25.54	41.20 3.12 0.00	47.91 3.56 0.00	48.76 3.76 0.00	45.10 3.46 0.00	42.71 3.09 0.00	44.68 3.22 0.00	45.27 3.15 0.00	40.67 2.84 0.00	39.26 2.57 0.00	36.84 2.04 0.00
INDIAN POINT___3 23531	23.30 1.06 0.00	21.41 0.98 0.00	19.81 0.83 0.00	21.48 0.91 0.00	19.67 0.78 0.00	20.76 0.92 0.00	23.18 1.03 0.00	23.63 1.21 0.00	26.37 1.50 0.00	28.58 1.64 0.00	35.95 2.28 -2.70	39.69 2.66 -3.14	40.00 3.26 -1.18	59.91 3.22 -19.39	41.16 3.09 0.00	47.87 3.53 0.00	48.75 3.74 0.00	45.07 3.43 0.00	42.69 3.07 0.00	44.65 3.19 0.00	45.26 3.14 0.00	40.66 2.83 0.00	39.25 2.56 0.00	36.81 2.01 0.00
INGHAM_C_115KV_TB7 356103	22.56 0.33 0.00	20.65 0.22 0.00	19.12 0.14 0.00	20.78 0.21 0.00	19.04 0.15 0.00	20.01 0.17 0.00	22.38 0.23 0.00	22.66 0.24 0.00	24.86 -0.01 0.00	26.64 -0.31 0.00	30.80 -0.16 0.00	34.05 0.16 0.00	36.31 0.75 0.00	38.07 0.77 0.00	39.12 1.04 0.00	45.32 0.98 0.00	46.30 1.30 0.00	42.73 1.09 0.00	40.60 0.98 0.00	42.72 1.25 0.00	43.52 1.39 0.00	39.19 1.36 0.00	37.70 1.00 0.00	35.28 0.48 0.00
IP CORINTH___1 23988	24.30 2.06 0.00	22.15 1.72 0.00	20.39 1.41 0.00	22.07 1.49 0.00	20.17 1.27 0.00	21.08 1.23 0.00	23.48 1.33 0.00	23.79 1.38 0.00	26.12 1.25 0.00	28.03 1.09 0.00	32.31 0.99 -0.35	35.60 1.30 -0.41	37.46 1.75 -0.15	41.85 2.03 -2.51	40.35 2.28 0.00	46.96 2.61 0.00	48.49 3.48 0.00	44.89 3.25 0.00	42.91 3.29 0.00	45.00 3.54 0.00	45.70 3.58 0.00	40.85 3.01 0.00	39.43 2.74 0.00	36.89 2.08 0.00

IP___TICONDEROGA 23804	25.20 2.97 0.00	22.87 2.44 0.00	20.82 1.85 0.00	22.62 2.05 0.00	20.86 1.96 0.00	21.96 2.12 0.00	24.62 2.48 0.00	24.91 2.49 0.00	27.23 2.36 0.00	28.82 1.88 0.00	33.29 1.97 -0.35	36.71 2.41 -0.41	38.73 3.02 -0.15	43.20 3.37 -2.53	42.23 4.15 0.00	49.29 4.94 0.00	51.28 6.28 0.00	47.46 5.82 0.00	45.58 5.96 0.00	47.68 6.21 0.00	48.16 6.03 0.00	42.64 4.80 0.00	41.50 4.81 0.00	38.61 3.81 0.00
ISLIP_RES_REC 323679	23.48 1.24 0.00	21.76 1.34 0.00	20.18 1.20 0.00	21.88 1.31 0.00	19.97 1.08 0.00	21.08 1.24 0.00	23.47 1.32 0.00	24.03 1.62 0.00	26.67 1.80 0.00	28.90 1.96 0.00	37.63 3.19 -3.47	41.83 3.99 -3.95	41.87 4.67 -1.64	58.11 4.56 -16.24	42.56 4.48 0.00	48.99 4.64 0.00	49.94 4.95 0.00	46.18 4.54 0.00	43.50 3.88 0.00	45.32 3.86 0.00	42.74 3.60 2.99	37.26 3.10 3.66	39.53 2.84 0.00	37.13 2.33 0.00
JAMAICA__27_KV_LOAD 355505	23.70 1.46 0.00	21.78 1.35 0.00	20.12 1.14 0.00	21.80 1.23 0.00	19.95 1.06 0.00	21.09 1.25 0.00	23.59 1.44 0.00	24.11 1.69 0.00	26.86 1.99 0.00	29.16 2.21 0.00	36.15 2.94 -2.24	39.91 3.41 -2.61	40.69 4.15 -0.98	57.62 4.22 -16.10	42.21 4.13 0.00	49.04 4.69 0.00	49.89 4.89 0.00	46.13 4.48 0.00	43.70 4.08 0.00	45.72 4.26 0.00	46.21 4.09 0.00	41.55 3.71 0.00	40.06 3.37 0.00	37.61 2.81 0.00
JANIS___SOLAR 323808	23.33 1.10 0.00	21.36 0.93 0.00	19.79 0.82 0.00	21.48 0.91 0.00	19.67 0.77 0.00	20.83 0.99 0.00	23.27 1.13 0.00	23.56 1.14 0.00	25.93 1.06 0.00	27.91 0.97 0.00	32.30 1.33 0.00	35.45 1.56 0.00	36.99 1.43 0.00	38.98 1.67 -0.01	40.03 1.96 0.00	47.73 2.93 -0.45	47.94 2.47 -0.47	44.23 2.43 -0.16	42.34 2.69 -0.04	44.36 2.64 -0.25	44.88 2.57 -0.18	40.28 2.45 0.00	38.89 2.18 -0.02	36.71 1.89 -0.01
JARVIS____ 23743	22.34 0.10 0.00	20.52 0.10 0.00	19.06 0.08 0.00	20.68 0.10 0.00	18.97 0.07 0.00	19.94 0.10 0.00	22.25 0.10 0.00	22.55 0.13 0.00	25.01 0.14 0.00	27.06 0.12 0.00	31.19 0.22 0.00	34.19 0.30 0.00	35.99 0.43 0.00	37.72 0.41 0.00	38.49 0.42 0.00	44.79 0.44 0.00	45.50 0.50 0.00	42.10 0.45 0.00	40.03 0.41 0.00	41.92 0.45 0.00	42.57 0.44 0.00	38.21 0.38 0.00	36.99 0.29 0.00	34.97 0.17 0.00
JENNISON___1 23625	23.06 0.83 0.00	21.11 0.68 0.00	19.64 0.66 0.00	21.38 0.80 0.00	19.63 0.73 0.00	20.87 1.03 0.00	23.36 1.21 0.00	23.70 1.28 0.00	26.24 1.37 0.00	28.40 1.46 0.00	32.82 1.85 0.00	36.03 2.14 0.00	37.70 2.15 0.00	39.41 2.10 -0.01	40.30 2.22 0.00	47.53 2.87 -0.31	48.36 3.03 -0.33	44.34 2.59 -0.11	42.23 2.59 -0.02	44.04 2.40 -0.18	44.62 2.37 -0.13	40.36 2.52 0.00	39.04 2.34 -0.01	36.84 2.03 -0.01
JENNISON___2 23626	23.06 0.83 0.00	21.11 0.68 0.00	19.64 0.66 0.00	21.38 0.80 0.00	19.63 0.73 0.00	20.87 1.03 0.00	23.36 1.21 0.00	23.70 1.28 0.00	26.24 1.37 0.00	28.40 1.46 0.00	32.82 1.85 0.00	36.03 2.14 0.00	37.70 2.15 0.00	39.41 2.10 -0.01	40.30 2.22 0.00	47.53 2.87 -0.31	48.36 3.03 -0.33	44.34 2.59 -0.11	42.23 2.59 -0.02	44.04 2.40 -0.18	44.62 2.37 -0.13	40.36 2.52 0.00	39.04 2.34 -0.01	36.84 2.03 -0.01
JERICHO_RISE_WT_PWR 323719	22.37 0.14 0.00	20.48 0.05 0.00	19.13 0.16 0.00	20.76 0.18 0.00	19.16 0.27 0.00	20.12 0.27 0.00	22.51 0.36 0.00	22.59 0.18 0.00	25.02 0.15 0.00	27.16 0.22 0.00	31.07 0.10 0.00	33.78 -0.11 0.00	34.53 -1.03 0.00	36.12 -1.19 0.00	36.95 -1.12 0.00	43.22 -1.13 0.00	43.59 -1.41 0.00	40.47 -1.17 0.00	38.48 -1.14 0.00	40.21 -1.26 0.00	41.10 -1.02 0.00	37.19 -0.64 0.00	36.73 0.04 0.00	35.36 0.56 0.00
KATONAH__115KV_46KV_TB4 355592	23.49 1.26 0.00	21.56 1.14 0.00	19.93 0.95 0.00	21.61 1.03 0.00	19.79 0.90 0.00	20.89 1.05 0.00	23.35 1.21 0.00	23.83 1.41 0.00	26.56 1.69 0.00	28.78 1.84 0.00	34.94 2.54 -1.43	38.54 2.98 -1.67	39.80 3.61 -0.63	51.20 3.63 -10.27	41.62 3.54 0.00	48.43 4.08 0.00	49.41 4.41 0.00	45.68 4.04 0.00	43.25 3.63 0.00	45.20 3.73 0.00	45.75 3.63 0.00	41.06 3.23 0.00	39.58 2.89 0.00	37.12 2.32 0.00
KCE_NY_1 323755	23.88 1.65 0.00	21.82 1.40 0.00	20.15 1.17 0.00	21.88 1.31 0.00	20.05 1.16 0.00	21.04 1.20 0.00	23.50 1.35 0.00	23.86 1.44 0.00	26.33 1.46 0.00	28.31 1.37 0.00	32.86 1.53 -0.36	36.14 1.83 -0.42	37.99 2.27 -0.16	42.39 2.51 -2.58	40.80 2.73 0.00	47.37 3.02 0.00	48.58 3.58 0.00	44.99 3.35 0.00	42.74 3.12 0.00	44.79 3.33 0.00	45.56 3.44 0.00	40.76 2.92 0.00	39.33 2.63 0.00	36.89 2.09 0.00
KCE_NY_6_ESR 323823	22.76 0.52 0.00	20.76 0.34 0.00	19.12 0.14 0.00	20.65 0.08 0.00	18.75 -0.14 0.00	19.89 0.05 0.00	21.96 -0.19 0.00	22.08 -0.33 0.00	24.31 -0.56 0.00	26.39 -0.56 0.00	30.65 -0.32 0.00	33.53 -0.36 0.00	35.13 -0.43 0.00	36.96 -0.34 0.00	37.78 -0.29 0.00	43.66 -0.69 0.00	44.88 -0.12 0.00	41.04 -0.59 0.00	39.17 -0.45 0.00	40.68 -0.78 0.00	41.07 -1.06 0.00	37.11 -0.72 0.00	35.85 -0.85 0.00	34.31 -0.49 0.00
KEDC_PORT_JEFF_GT2 24210	23.27 1.04 0.00	21.55 1.13 0.00	19.99 1.01 0.00	21.69 1.12 0.00	19.81 0.91 0.00	20.90 1.06 0.00	23.27 1.12 0.00	23.81 1.39 0.00	26.39 1.52 0.00	28.59 1.64 0.00	37.27 2.83 -3.47	41.40 3.56 -3.95	41.34 4.14 -1.64	57.45 3.90 -16.24	41.90 3.82 0.00	48.16 3.82 0.00	48.95 3.94 0.00	45.26 3.62 0.00	42.62 3.00 0.00	44.39 2.93 0.00	41.80 2.69 3.00	36.45 2.30 3.68	39.01 2.32 0.00	36.69 1.89 0.00
KEDC_PORT_JEFF_GT3 24211	23.27 1.04 0.00	21.55 1.13 0.00	19.99 1.01 0.00	21.69 1.12 0.00	19.81 0.91 0.00	20.90 1.06 0.00	23.27 1.12 0.00	23.81 1.39 0.00	26.39 1.52 0.00	28.59 1.64 0.00	37.27 2.83 -3.47	41.40 3.56 -3.95	41.34 4.14 -1.64	57.45 3.90 -16.24	41.90 3.82 0.00	48.16 3.82 0.00	48.95 3.94 0.00	45.26 3.62 0.00	42.62 3.00 0.00	44.39 2.93 0.00	41.80 2.69 3.00	36.45 2.30 3.68	39.01 2.32 0.00	36.69 1.89 0.00
KEDC_GLWD_GT4 24219	23.56 1.33 0.00	21.73 1.30 0.00	20.13 1.15 0.00	21.82 1.24 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.51 1.36 0.00	24.02 1.61 0.00	26.75 1.88 0.00	29.01 2.07 0.00	37.58 3.14 -3.47	41.64 3.80 -3.95	41.62 4.42 -1.64	57.77 4.23 -16.24	42.19 4.12 0.00	48.77 4.42 0.00	49.68 4.68 0.00	45.92 4.28 0.00	43.32 3.70 0.00	45.13 3.67 0.00	44.31 3.49 1.31	39.36 3.14 1.61	39.86 3.16 0.00	37.43 2.63 0.00
KEDC_GLWD_GT5 24220	23.56 1.33 0.00	21.73 1.30 0.00	20.13 1.15 0.00	21.82 1.24 0.00	19.96 1.07 0.00	21.07 1.23 0.00	23.51 1.36 0.00	24.02 1.61 0.00	26.75 1.88 0.00	29.01 2.07 0.00	37.58 3.14 -3.47	41.64 3.80 -3.95	41.62 4.42 -1.64	57.77 4.23 -16.24	42.19 4.12 0.00	48.77 4.42 0.00	49.68 4.68 0.00	45.92 4.28 0.00	43.32 3.70 0.00	45.13 3.67 0.00	44.31 3.49 1.31	39.36 3.14 1.61	39.86 3.16 0.00	37.43 2.63 0.00

KENSICO____ 23655	23.39 1.16 0.00	21.49 1.07 0.00	19.87 0.90 0.00	21.55 0.98 0.00	19.74 0.84 0.00	20.83 0.99 0.00	23.28 1.13 0.00	23.74 1.33 0.00	26.50 1.63 0.00	28.72 1.78 0.00	35.82 2.46 -2.39	39.55 2.88 -2.78	40.09 3.48 -1.05	57.95 3.47 -17.18	41.42 3.34 0.00	48.15 3.80 0.00	49.00 4.00 0.00	45.30 3.66 0.00	42.90 3.28 0.00	44.86 3.40 0.00	45.44 3.32 0.00	40.82 3.00 0.00	39.41 2.71 0.00	36.98 2.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.49 1.25 0.00	21.54 1.12 0.00	19.89 0.92 0.00	21.55 0.97 0.00	19.73 0.84 0.00	20.82 0.98 0.00	23.28 1.13 0.00	23.75 1.33 0.00	26.49 1.62 0.00	28.70 1.76 0.00	33.02 2.38 0.33	36.31 2.80 0.38	38.96 3.54 0.14	40.93 3.63 0.00	41.53 3.46 0.00	48.48 4.13 0.00	49.58 4.58 0.00	45.88 4.24 0.00	43.46 3.84 0.00	45.50 4.03 0.00	46.02 3.89 0.00	41.23 3.40 0.00	39.69 2.99 0.00	37.14 2.34 0.00
KIAC_JFK_GT1 23816	23.45 1.22 0.00	21.55 1.13 0.00	19.91 0.94 0.00	21.58 1.01 0.00	19.76 0.86 0.00	20.88 1.04 0.00	23.35 1.21 0.00	23.86 1.44 0.00	26.60 1.73 0.00	28.87 1.93 0.00	35.83 2.62 -2.24	39.54 3.05 -2.61	40.29 3.75 -0.98	57.20 3.79 -16.10	41.77 3.69 0.00	48.53 4.18 0.00	49.34 4.34 0.00	45.63 3.98 0.00	43.22 3.60 0.00	45.22 3.76 0.00	45.71 3.58 0.00	41.08 3.25 0.00	39.62 2.93 0.00	37.19 2.39 0.00
KIAC_JFK_GT2 23817	23.45 1.22 0.00	21.55 1.13 0.00	19.91 0.94 0.00	21.58 1.01 0.00	19.76 0.86 0.00	20.88 1.04 0.00	23.35 1.21 0.00	23.86 1.44 0.00	26.60 1.73 0.00	28.87 1.93 0.00	35.83 2.62 -2.24	39.54 3.05 -2.61	40.29 3.75 -0.98	57.20 3.79 -16.10	41.77 3.69 0.00	48.53 4.18 0.00	49.34 4.34 0.00	45.63 3.98 0.00	43.22 3.60 0.00	45.22 3.76 0.00	45.71 3.58 0.00	41.08 3.25 0.00	39.62 2.93 0.00	37.19 2.39 0.00
KIAC_JFK____ 323774	23.45 1.21 0.00	21.55 1.13 0.00	19.91 0.94 0.00	21.59 1.01 0.00	19.76 0.86 0.00	20.88 1.04 0.00	23.35 1.20 0.00	23.86 1.44 0.00	26.60 1.73 0.00	28.88 1.93 0.00	35.83 2.62 -2.24	39.54 3.04 -2.61	40.29 3.75 -0.98	57.20 3.79 -16.10	41.77 3.69 0.00	48.53 4.18 0.00	49.35 4.35 0.00	45.63 3.98 0.00	43.22 3.60 0.00	45.23 3.76 0.00	45.71 3.58 0.00	41.08 3.25 0.00	39.62 2.93 0.00	37.19 2.39 0.00
KINTIGH____ 23543	22.31 0.07 0.00	20.41 -0.02 0.00	18.82 -0.16 0.00	20.34 -0.23 0.00	18.53 -0.37 0.00	19.63 -0.21 0.00	21.71 -0.44 0.00	21.87 -0.55 0.00	24.06 -0.81 0.00	26.09 -0.86 0.00	30.20 -0.77 0.00	32.92 -0.97 0.00	34.53 -1.02 0.00	36.44 -0.86 0.00	37.22 -0.86 0.00	43.03 -1.31 0.00	44.23 -0.77 0.00	40.55 -1.09 0.00	38.65 -0.96 0.00	40.15 -1.31 0.00	40.62 -1.50 0.00	36.62 -1.21 0.00	35.44 -1.26 0.00	33.92 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.23 0.99 0.00	21.17 0.74 0.00	19.67 0.69 0.00	21.42 0.85 0.00	19.78 0.88 0.00	20.85 1.01 0.00	23.30 1.15 0.00	23.32 0.91 0.00	25.80 0.93 0.00	27.88 0.94 0.00	32.13 1.17 0.00	34.98 1.09 0.00	35.48 -0.08 0.00	36.80 -0.50 0.00	37.53 -0.55 0.00	43.79 -0.56 0.00	44.23 -0.77 0.00	41.09 -0.55 0.00	39.05 -0.56 0.00	40.82 -0.64 0.00	41.62 -0.50 0.00	37.80 -0.03 0.00	37.75 1.05 0.00	36.43 1.63 0.00
LACHUTE__HYDRO 323717	25.20 2.97 0.00	22.86 2.44 0.00	20.82 1.85 0.00	22.62 2.05 0.00	20.86 1.96 0.00	21.96 2.12 0.00	24.62 2.48 0.00	24.91 2.49 0.00	27.23 2.36 0.00	28.83 1.88 0.00	33.29 1.97 -0.35	36.71 2.41 -0.41	38.73 3.02 -0.15	43.20 3.37 -2.53	42.23 4.15 0.00	49.28 4.94 0.00	51.28 6.28 0.00	47.46 5.82 0.00	45.58 5.96 0.00	47.67 6.21 0.00	48.16 6.03 0.00	42.63 4.80 0.00	41.50 4.81 0.00	38.61 3.81 0.00
LAWRNCALV_115KV_TB1 80681	21.78 -0.45 0.00	20.05 -0.37 0.00	18.73 -0.25 0.00	20.27 -0.30 0.00	18.69 -0.20 0.00	19.57 -0.26 0.00	21.96 -0.19 0.00	22.02 -0.40 0.00	24.40 -0.47 0.00	26.60 -0.34 0.00	30.40 -0.56 0.00	32.51 -1.38 0.00	33.52 -2.04 0.00	35.43 -1.87 0.00	36.12 -1.96 0.00	42.27 -2.23 -0.14	42.44 -2.72 -0.15	39.36 -2.33 -0.05	37.58 -2.05 -0.01	39.52 -2.03 -0.08	40.29 -1.90 -0.06	36.17 -1.66 0.00	35.55 -1.15 -0.01	34.78 -0.03 0.00
LEDERLE____ 23769	23.43 1.20 0.00	21.53 1.11 0.00	19.93 0.95 0.00	21.61 1.04 0.00	19.78 0.89 0.00	20.88 1.04 0.00	23.30 1.15 0.00	23.75 1.34 0.00	26.55 1.68 0.00	28.80 1.86 0.00	30.24 2.54 3.26	33.07 2.97 3.80	37.76 3.63 1.43	17.45 3.60 23.45	41.55 3.48 0.00	48.36 4.02 0.00	49.26 4.26 0.00	45.54 3.89 0.00	43.12 3.50 0.00	45.11 3.65 0.00	45.73 3.60 0.00	41.06 3.23 0.00	39.60 2.90 0.00	37.11 2.31 0.00
LIGHTHSE_115KV_TB6 355974	22.22 -0.02 0.00	20.49 0.06 0.00	18.97 -0.01 0.00	20.60 0.03 0.00	18.89 0.00 0.00	19.86 0.02 0.00	22.17 0.02 0.00	22.43 0.01 0.00	24.88 0.01 0.00	27.00 0.06 0.00	31.24 0.27 0.00	34.14 0.25 0.00	35.81 0.25 0.00	37.53 0.20 -0.03	38.18 0.10 0.00	45.74 0.15 -1.24	46.26 -0.04 -1.30	41.98 -0.11 -0.45	39.83 0.12 -0.10	42.42 0.26 -0.70	42.91 0.28 -0.50	37.97 0.13 -0.01	36.93 0.18 -0.05	34.97 0.13 -0.04
LINDEN COGEN____ 23786	23.40 1.17 0.00	21.52 1.09 0.00	19.91 0.93 0.00	21.58 1.01 0.00	19.76 0.87 0.00	20.88 1.04 0.00	23.30 1.16 0.00	23.79 1.37 0.00	26.57 1.70 0.00	28.83 1.89 0.00	35.79 2.58 -2.24	39.51 3.02 -2.61	40.22 3.68 -0.98	57.04 3.64 -16.10	41.62 3.54 0.00	48.30 3.96 0.00	49.10 4.10 0.00	45.39 3.76 0.00	43.00 3.39 0.00	44.98 3.51 0.00	45.51 3.38 0.00	40.98 3.15 0.00	39.60 2.90 0.00	37.13 2.34 0.00
LINDHRST_69_KV_BK1 356055	23.63 1.40 0.00	21.80 1.38 0.00	20.21 1.23 0.00	21.91 1.33 0.00	20.02 1.13 0.00	21.14 1.30 0.00	23.55 1.40 0.00	24.10 1.69 0.00	26.78 1.91 0.00	29.01 2.07 0.00	37.72 3.28 -3.47	41.80 3.96 -3.95	41.75 4.56 -1.64	57.96 4.41 -16.24	42.36 4.29 0.00	49.00 4.65 0.00	50.03 5.03 0.00	46.29 4.65 0.00	43.63 4.01 0.00	45.42 3.95 0.00	43.20 3.79 2.72	37.87 3.37 3.33	39.85 3.16 0.00	37.51 2.71 0.00
LIPA_MISC_IPP 23656	23.22 0.99 0.00	21.50 1.08 0.00	19.96 0.98 0.00	21.69 1.12 0.00	19.80 0.90 0.00	20.89 1.05 0.00	23.25 1.10 0.00	23.76 1.34 0.00	26.32 1.45 0.00	28.49 1.55 0.00	37.15 2.71 -3.47	41.26 3.42 -3.95	41.21 4.02 -1.64	57.43 3.88 -16.24	41.93 3.86 0.00	48.28 3.93 0.00	49.25 4.25 0.00	45.54 3.90 0.00	42.85 3.23 0.00	44.60 3.13 0.00	42.04 2.92 3.01	36.63 2.49 3.70	38.94 2.24 0.00	36.57 1.77 0.00
LISF__SOLAR 323691	23.26 1.02 0.00	21.55 1.13 0.00	20.01 1.04 0.00	21.73 1.16 0.00	19.84 0.94 0.00	20.94 1.10 0.00	23.29 1.14 0.00	23.81 1.40 0.00	26.38 1.51 0.00	28.55 1.61 0.00	37.21 2.77 -3.47	41.31 3.47 -3.95	41.28 4.08 -1.64	57.53 3.99 -16.24	42.06 3.98 0.00	48.41 4.06 0.00	49.39 4.39 0.00	45.68 4.04 0.00	43.00 3.38 0.00	44.76 3.29 0.00	42.20 3.09 3.01	36.76 2.62 3.69	39.05 2.36 0.00	36.66 1.86 0.00

LITTLE FALLS___HYD 24013	22.56 0.33 0.00	20.65 0.22 0.00	19.12 0.14 0.00	20.78 0.21 0.00	19.04 0.15 0.00	20.01 0.17 0.00	22.38 0.23 0.00	22.66 0.24 0.00	24.86 -0.01 0.00	26.64 -0.31 0.00	30.80 -0.16 0.00	34.05 0.16 0.00	36.31 0.75 0.00	38.07 0.77 0.00	39.12 1.04 0.00	45.32 0.98 0.00	46.30 1.30 0.00	42.73 1.09 0.00	40.60 0.98 0.00	42.72 1.25 0.00	43.52 1.39 0.00	39.19 1.36 0.00	37.70 1.00 0.00	35.28 0.48 0.00
LITTLRIV_115KV_TB1 356100	22.09 -0.14 0.00	20.33 -0.10 0.00	18.98 0.00 0.00	20.54 -0.03 0.00	18.94 0.04 0.00	19.84 0.00 0.00	22.29 0.14 0.00	22.36 -0.06 0.00	24.78 -0.09 0.00	27.04 0.10 0.00	30.88 -0.09 0.00	32.91 -0.98 0.00	33.84 -1.72 0.00	35.96 -1.35 0.00	36.61 -1.47 0.00	42.88 -1.62 -0.16	42.84 -2.32 -0.16	39.84 -1.86 -0.06	38.12 -1.51 -0.01	40.11 -1.45 -0.09	40.87 -1.31 -0.06	36.67 -1.17 0.00	36.01 -0.69 -0.01	35.20 0.39 0.00
LI_NEWBRDGE___DRP 323616	23.30 1.07 0.00	21.51 1.09 0.00	19.94 0.96 0.00	21.62 1.05 0.00	19.77 0.88 0.00	20.86 1.02 0.00	23.26 1.12 0.00	23.76 1.35 0.00	26.41 1.54 0.00	28.62 1.67 0.00	37.10 2.66 -3.47	41.10 3.26 -3.95	41.01 3.82 -1.64	57.21 3.67 -16.24	41.63 3.55 0.00	48.17 3.82 0.00	49.06 4.06 0.00	45.34 3.70 0.00	42.79 3.17 0.00	44.62 3.15 0.00	41.97 3.01 3.17	36.68 2.73 3.89	39.25 2.56 0.00	36.90 2.10 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.46 0.23 0.00	20.52 0.09 0.00	18.90 -0.08 0.00	20.39 -0.18 0.00	18.54 -0.35 0.00	19.69 -0.16 0.00	21.72 -0.43 0.00	21.82 -0.60 0.00	23.91 -0.96 0.00	25.87 -1.07 0.00	29.94 -1.03 0.00	32.63 -1.27 0.00	34.24 -1.32 0.00	36.11 -1.19 0.00	36.88 -1.20 0.00	42.53 -1.82 0.00	43.78 -1.23 0.00	40.09 -1.56 0.00	38.25 -1.36 0.00	39.73 -1.74 0.00	40.20 -1.93 0.00	36.26 -1.57 0.00	35.08 -1.62 0.00	33.66 -1.14 0.00
LOCKPORT___CC1 323769	22.45 0.22 0.00	20.50 0.07 0.00	18.88 -0.10 0.00	20.38 -0.20 0.00	18.52 -0.37 0.00	19.66 -0.18 0.00	21.68 -0.46 0.00	21.76 -0.66 0.00	23.80 -1.07 0.00	25.74 -1.20 0.00	29.82 -1.15 0.00	32.52 -1.37 0.00	34.08 -1.48 0.00	35.95 -1.35 0.00	36.70 -1.38 0.00	42.30 -2.05 0.00	43.54 -1.46 0.00	39.84 -1.79 0.01	38.04 -1.58 0.00	39.51 -1.96 0.00	39.96 -2.17 0.00	36.09 -1.75 0.00	34.90 -1.79 0.00	33.49 -1.31 0.00
LOCKPORT___CC2 323770	22.45 0.22 0.00	20.50 0.07 0.00	18.88 -0.10 0.00	20.38 -0.20 0.00	18.52 -0.37 0.00	19.66 -0.18 0.00	21.68 -0.46 0.00	21.76 -0.66 0.00	23.80 -1.07 0.00	25.74 -1.20 0.00	29.82 -1.15 0.00	32.52 -1.37 0.00	34.08 -1.48 0.00	35.95 -1.35 0.00	36.70 -1.38 0.00	42.30 -2.05 0.00	43.54 -1.46 0.00	39.84 -1.79 0.01	38.04 -1.58 0.00	39.51 -1.96 0.00	39.96 -2.17 0.00	36.09 -1.75 0.00	34.90 -1.79 0.00	33.49 -1.31 0.00
LOCKPORT___CC3 323771	22.45 0.22 0.00	20.50 0.07 0.00	18.88 -0.10 0.00	20.38 -0.20 0.00	18.52 -0.37 0.00	19.66 -0.18 0.00	21.68 -0.46 0.00	21.76 -0.66 0.00	23.80 -1.07 0.00	25.74 -1.20 0.00	29.82 -1.15 0.00	32.52 -1.37 0.00	34.08 -1.48 0.00	35.95 -1.35 0.00	36.70 -1.38 0.00	42.30 -2.05 0.00	43.54 -1.46 0.00	39.84 -1.79 0.01	38.04 -1.58 0.00	39.51 -1.96 0.00	39.96 -2.17 0.00	36.09 -1.75 0.00	34.90 -1.79 0.00	33.49 -1.31 0.00
LONG_LAKE_PHOENIX 24014	22.05 -0.19 0.00	20.25 -0.18 0.00	18.77 -0.21 0.00	20.33 -0.24 0.00	18.64 -0.25 0.00	19.63 -0.21 0.00	21.86 -0.28 0.00	22.14 -0.28 0.00	24.53 -0.34 0.00	26.60 -0.34 0.00	30.73 -0.23 0.00	33.64 -0.25 0.00	35.33 -0.23 0.00	37.11 -0.24 -0.04	37.89 -0.19 0.00	45.77 -0.32 -1.74	46.66 -0.17 -1.83	42.17 -0.11 -0.64	39.71 -0.05 -0.14	42.36 -0.09 -0.98	42.66 -0.17 -0.71	37.61 -0.23 -0.01	36.43 -0.34 -0.08	34.44 -0.42 -0.06
LOVETT___3 23632	23.25 1.02 0.00	21.38 0.96 0.00	19.79 0.81 0.00	21.47 0.89 0.00	19.65 0.76 0.00	20.74 0.89 0.00	23.14 0.99 0.00	23.56 1.14 0.00	26.33 1.46 0.00	28.55 1.61 0.00	29.81 2.24 3.40	32.57 2.63 3.95	37.30 3.23 1.49	16.06 3.17 24.41	41.09 3.02 0.00	47.82 3.47 0.00	48.70 3.70 0.00	45.04 3.40 0.00	42.66 3.04 0.00	44.65 3.18 0.00	45.30 3.17 0.00	40.69 2.86 0.00	39.26 2.56 0.00	36.80 2.00 0.00
LOVETT___4 23642	23.25 1.02 0.00	21.38 0.96 0.00	19.79 0.81 0.00	21.47 0.89 0.00	19.65 0.76 0.00	20.74 0.89 0.00	23.14 0.99 0.00	23.56 1.14 0.00	26.33 1.46 0.00	28.55 1.61 0.00	29.81 2.24 3.40	32.57 2.63 3.95	37.30 3.23 1.49	16.06 3.17 24.41	41.09 3.02 0.00	47.82 3.47 0.00	48.70 3.70 0.00	45.04 3.40 0.00	42.66 3.04 0.00	44.65 3.18 0.00	45.30 3.17 0.00	40.69 2.86 0.00	39.26 2.56 0.00	36.80 2.00 0.00
LOVETT___5 23593	23.25 1.02 0.00	21.38 0.96 0.00	19.79 0.81 0.00	21.47 0.89 0.00	19.65 0.76 0.00	20.74 0.89 0.00	23.14 0.99 0.00	23.56 1.14 0.00	26.33 1.46 0.00	28.55 1.61 0.00	29.81 2.24 3.40	32.57 2.63 3.95	37.30 3.23 1.49	16.06 3.17 24.41	41.09 3.02 0.00	47.82 3.47 0.00	48.70 3.70 0.00	45.04 3.40 0.00	42.66 3.04 0.00	44.65 3.18 0.00	45.30 3.17 0.00	40.69 2.86 0.00	39.26 2.56 0.00	36.80 2.00 0.00
LOWER RAQUET___HYD 24057	21.73 -0.50 0.00	20.01 -0.42 0.00	18.69 -0.29 0.00	20.23 -0.34 0.00	18.65 -0.24 0.00	19.54 -0.30 0.00	21.92 -0.22 0.00	22.00 -0.41 0.00	24.40 -0.47 0.00	26.60 -0.34 0.00	30.37 -0.60 0.00	32.47 -1.42 0.00	33.42 -2.14 0.00	35.36 -1.95 0.00	36.02 -2.06 0.00	42.19 -2.32 -0.17	42.32 -2.86 -0.17	39.26 -2.44 -0.06	37.50 -2.14 -0.01	39.45 -2.11 -0.09	40.23 -1.97 -0.07	36.09 -1.74 0.00	35.51 -1.19 -0.01	34.76 -0.04 0.00
LOWER___HUDSON 24059	23.19 0.95 0.00	21.24 0.81 0.00	19.67 0.69 0.00	21.40 0.82 0.00	19.64 0.74 0.00	20.61 0.77 0.00	23.01 0.86 0.00	23.36 0.94 0.00	25.88 1.01 0.00	27.86 0.91 0.00	32.44 1.09 -0.38	35.62 1.29 -0.44	37.32 1.60 -0.17	41.72 1.69 -2.73	39.81 1.73 0.00	46.34 1.99 0.00	47.17 2.17 0.00	43.72 2.08 0.00	41.57 1.95 0.00	43.54 2.08 0.00	44.32 2.19 0.00	39.67 1.84 0.00	38.30 1.60 0.00	35.97 1.18 0.00
LOWVILLE_115KV_TB2 356335	22.42 0.19 0.00	20.86 0.43 0.00	19.41 0.43 0.00	21.08 0.50 0.00	19.35 0.45 0.00	20.38 0.54 0.00	22.77 0.62 0.00	22.96 0.54 0.00	25.46 0.59 0.00	27.72 0.78 0.00	32.03 1.06 0.00	35.07 1.18 0.00	36.68 1.13 0.00	38.50 1.19 -0.01	39.10 1.03 0.00	45.75 1.03 -0.37	45.87 0.48 -0.39	42.36 0.58 -0.14	40.49 0.84 -0.03	43.01 1.34 -0.21	43.81 1.53 -0.15	38.92 1.08 0.00	37.88 1.17 -0.02	36.01 1.20 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	23.86 1.63 0.00	21.81 1.38 0.00	20.14 1.16 0.00	21.87 1.29 0.00	20.04 1.14 0.00	21.02 1.18 0.00	23.48 1.33 0.00	23.82 1.40 0.00	26.31 1.44 0.00	28.29 1.34 0.00	32.83 1.51 -0.36	36.11 1.81 -0.42	37.96 2.24 -0.16	42.35 2.47 -2.58	40.73 2.65 0.00	47.32 2.98 0.00	48.51 3.51 0.00	44.94 3.30 0.00	42.71 3.09 0.00	44.78 3.31 0.00	45.51 3.39 0.00	40.72 2.89 0.00	39.29 2.59 0.00	36.86 2.06 0.00

LUTHERNY_35_KV_BK2 355980	23.88 1.65 0.00	21.82 1.40 0.00	20.15 1.17 0.00	21.88 1.31 0.00	20.05 1.16 0.00	21.04 1.20 0.00	23.50 1.35 0.00	23.86 1.44 0.00	26.33 1.46 0.00	28.31 1.37 0.00	32.86 1.53 -0.36	36.14 1.84 -0.42	37.99 2.27 -0.16	42.39 2.51 -2.58	40.80 2.73 0.00	47.37 3.02 0.00	48.58 3.58 0.00	44.99 3.35 0.00	42.74 3.12 0.00	44.79 3.33 0.00	45.56 3.44 0.00	40.75 2.92 0.00	39.33 2.63 0.00	36.89 2.09 0.00
LWR___OSWEGATCHIE_HYD 23850	22.00 -0.23 0.00	20.36 -0.07 0.00	18.98 0.00 0.00	20.58 0.00 0.00	18.92 0.03 0.00	19.88 0.04 0.00	22.25 0.10 0.00	22.40 -0.02 0.00	24.85 -0.02 0.00	27.08 0.14 0.00	31.15 0.18 0.00	33.83 -0.06 0.00	35.24 -0.32 0.00	37.18 -0.13 -0.01	37.76 -0.32 0.00	44.25 -0.42 -0.32	44.32 -1.02 -0.34	41.03 -0.73 -0.12	39.27 -0.38 -0.03	41.57 -0.08 -0.18	42.35 0.09 -0.13	37.73 -0.10 0.00	36.81 0.10 -0.01	35.33 0.52 -0.01
LYONS_FALL_HYD 23570	22.59 0.35 0.00	20.90 0.48 0.00	19.42 0.44 0.00	21.08 0.50 0.00	19.34 0.45 0.00	20.37 0.53 0.00	22.76 0.61 0.00	23.00 0.58 0.00	25.51 0.64 0.00	27.73 0.78 0.00	32.03 1.06 0.00	35.13 1.24 0.00	36.84 1.28 0.00	38.60 1.29 -0.01	39.30 1.23 0.00	45.92 1.30 -0.27	46.28 1.00 -0.29	42.79 1.05 -0.10	40.82 1.18 -0.02	43.13 1.51 -0.15	43.86 1.63 -0.11	39.08 1.25 0.00	37.92 1.22 -0.01	35.97 1.16 -0.01
MADISON___COUNTY_LFGE 323628	22.91 0.67 0.00	21.05 0.62 0.00	19.51 0.53 0.00	21.16 0.59 0.00	19.39 0.50 0.00	20.45 0.61 0.00	22.84 0.69 0.00	23.13 0.72 0.00	25.64 0.77 0.00	27.79 0.85 0.00	32.15 1.17 0.00	35.40 1.51 0.00	37.23 1.67 0.00	38.95 1.64 -0.01	39.73 1.66 0.00	46.57 1.94 -0.29	47.24 1.94 -0.30	43.69 1.94 -0.10	41.50 1.87 -0.02	43.70 2.07 -0.16	44.26 2.02 -0.12	39.50 1.66 0.00	38.18 1.47 -0.01	36.06 1.25 -0.01
MALONE___115KV_TB1 356076	22.45 0.22 0.00	20.56 0.13 0.00	19.19 0.22 0.00	20.81 0.24 0.00	19.20 0.31 0.00	20.16 0.32 0.00	22.60 0.45 0.00	22.68 0.26 0.00	25.15 0.28 0.00	27.36 0.42 0.00	31.31 0.34 0.00	33.91 0.02 0.00	34.64 -0.92 0.00	36.36 -0.94 0.00	37.23 -0.85 0.00	43.49 -0.86 0.00	43.84 -1.17 0.00	40.73 -0.91 0.00	38.75 -0.86 0.00	40.55 -0.92 0.00	41.43 -0.69 0.00	37.43 -0.40 0.00	36.88 0.19 0.00	35.60 0.80 0.00
MAPLEWOD_115KV_TB3 80458	22.95 0.71 0.00	21.04 0.62 0.00	19.49 0.52 0.00	21.22 0.65 0.00	19.47 0.57 0.00	20.44 0.60 0.00	22.80 0.65 0.00	23.15 0.74 0.00	25.71 0.84 0.00	27.73 0.79 0.00	32.35 1.01 -0.37	35.54 1.22 -0.43	37.24 1.52 -0.16	41.57 1.60 -2.67	39.73 1.65 0.00	46.24 1.89 0.00	47.01 2.01 0.00	43.53 1.89 0.00	41.36 1.75 0.00	43.30 1.84 0.00	44.01 1.88 0.00	39.44 1.61 0.00	38.06 1.37 0.00	35.81 1.01 0.00
MAPLE_RIDGE_WT_1 323574	21.90 -0.33 0.00	20.24 -0.18 0.00	18.86 -0.12 0.00	20.47 -0.10 0.00	18.82 -0.07 0.00	19.68 -0.16 0.00	21.95 -0.20 0.00	21.98 -0.44 0.00	24.48 -0.39 0.00	26.64 -0.31 0.00	30.47 -0.50 0.00	33.21 -0.68 0.00	34.59 -0.97 0.00	36.36 -0.94 0.00	37.13 -0.95 0.00	43.14 -1.21 0.00	43.40 -1.60 0.00	40.06 -1.59 0.00	38.23 -1.39 0.00	40.33 -1.13 0.00	41.12 -1.00 0.00	36.87 -0.97 0.00	36.07 -0.62 0.00	34.56 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	21.90 -0.33 0.00	20.24 -0.18 0.00	18.86 -0.12 0.00	20.47 -0.10 0.00	18.82 -0.07 0.00	19.68 -0.16 0.00	21.95 -0.20 0.00	21.98 -0.44 0.00	24.48 -0.39 0.00	26.64 -0.31 0.00	30.47 -0.50 0.00	33.21 -0.68 0.00	34.59 -0.97 0.00	36.36 -0.94 0.00	37.13 -0.95 0.00	43.14 -1.21 0.00	43.40 -1.60 0.00	40.06 -1.59 0.00	38.23 -1.39 0.00	40.33 -1.13 0.00	41.12 -1.00 0.00	36.87 -0.97 0.00	36.07 -0.62 0.00	34.56 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	22.56 0.33 0.00	20.63 0.20 0.00	19.25 0.27 0.00	20.90 0.33 0.00	19.30 0.40 0.00	20.29 0.45 0.00	22.67 0.52 0.00	22.76 0.34 0.00	25.21 0.34 0.00	27.33 0.38 0.00	31.32 0.36 0.00	34.05 0.16 0.00	34.78 -0.78 0.00	36.31 -0.99 0.00	37.11 -0.96 0.00	43.38 -0.97 0.00	43.78 -1.23 0.00	40.66 -0.99 0.00	38.63 -0.99 0.00	40.39 -1.08 0.00	41.25 -0.88 0.00	37.36 -0.47 0.00	37.00 0.30 0.00	35.60 0.80 0.00
MARSHVLE_115KV_TB1 80742	23.77 1.54 0.00	21.85 1.42 0.00	20.31 1.33 0.00	21.92 1.35 0.00	20.11 1.22 0.00	21.24 1.40 0.00	23.72 1.58 0.00	23.72 1.30 0.00	26.02 1.15 0.00	28.04 1.10 0.00	32.45 1.48 0.00	35.73 1.84 0.00	37.74 2.18 0.00	39.69 2.39 0.00	40.72 2.65 0.00	47.30 2.95 0.00	48.21 3.21 0.00	44.60 2.96 0.00	42.36 2.75 0.00	44.62 3.15 0.00	45.39 3.26 0.00	40.73 2.90 0.00	39.47 2.77 0.00	37.46 2.66 0.00
MARSH_HILL_WT_PWR 323713	23.11 0.88 0.00	21.12 0.69 0.00	19.47 0.49 0.00	21.17 0.59 0.00	19.27 0.38 0.00	20.45 0.61 0.00	22.31 0.16 0.00	22.03 -0.38 0.00	24.30 -0.57 0.00	26.74 -0.20 0.00	31.04 0.07 0.00	33.99 0.10 0.00	35.62 0.07 0.00	37.51 0.20 0.00	38.55 0.47 0.00	44.41 -0.14 -0.20	46.19 0.98 -0.21	42.52 0.81 -0.07	40.19 0.56 -0.02	41.90 0.32 -0.11	41.88 -0.33 -0.08	37.55 -0.28 0.00	35.89 -0.81 -0.01	33.98 -0.82 -0.01
MCINTYRE_115KV_TB2 80467	22.29 0.06 0.00	20.51 0.08 0.00	19.15 0.17 0.00	20.72 0.15 0.00	19.10 0.21 0.00	20.01 0.17 0.00	22.47 0.32 0.00	22.54 0.12 0.00	24.97 0.10 0.00	27.25 0.30 0.00	31.09 0.12 0.00	33.06 -0.83 0.00	33.96 -1.60 0.00	36.22 -1.08 0.00	36.86 -1.22 0.00	43.06 -1.29 0.00	42.97 -2.03 0.00	40.08 -1.56 0.00	38.43 -1.19 0.00	40.34 -1.13 0.00	41.15 -0.98 0.00	36.97 -0.86 0.00	36.26 -0.43 0.00	35.39 0.59 0.00
MECO_____69_KV_BK1 80468	25.00 2.77 0.00	22.90 2.48 0.00	21.23 2.25 0.00	22.94 2.36 0.00	21.05 2.15 0.00	22.25 2.41 0.00	24.77 2.62 0.00	24.16 1.74 0.00	25.77 0.90 0.00	27.53 0.59 0.00	32.10 1.14 0.00	36.24 2.36 0.00	38.01 2.45 0.00	40.51 3.20 0.00	42.24 4.16 0.00	48.94 4.59 0.00	52.72 7.72 0.00	46.52 4.88 0.00	45.19 5.58 0.00	47.42 5.95 0.00	47.98 5.86 0.00	42.85 5.01 0.00	41.55 4.86 0.00	39.19 4.39 0.00
MENANDS___115KV_TB5 355628	22.76 0.53 0.00	20.88 0.46 0.00	19.35 0.37 0.00	21.08 0.50 0.00	19.34 0.45 0.00	20.30 0.46 0.00	22.64 0.49 0.00	22.99 0.57 0.00	25.53 0.66 0.00	27.54 0.60 0.00	32.14 0.80 -0.37	35.28 0.96 -0.43	36.96 1.24 -0.16	41.26 1.28 -2.68	39.38 1.30 0.00	45.83 1.48 0.00	46.58 1.58 0.00	43.12 1.48 0.00	40.99 1.37 0.00	42.89 1.42 0.00	43.62 1.49 0.00	39.09 1.25 0.00	37.74 1.04 0.00	35.52 0.72 0.00
MG INDUSTRY___DRP 24185	22.70 0.47 0.00	20.83 0.41 0.00	19.32 0.34 0.00	21.03 0.46 0.00	19.30 0.41 0.00	20.26 0.42 0.00	22.58 0.44 0.00	22.89 0.47 0.00	25.32 0.45 0.00	27.28 0.33 0.00	31.66 0.37 -0.33	34.32 0.06 -0.38	35.73 0.02 -0.14	39.70 0.03 -2.37	38.13 0.05 0.00	44.56 0.21 0.00	45.34 0.34 0.00	41.98 0.34 0.00	39.93 0.31 0.00	41.87 0.40 0.00	42.61 0.48 0.00	38.18 0.35 0.00	37.07 0.37 0.00	35.51 0.70 0.00

MID___OSWEGATCHIE_HYD 23849	22.00 -0.23 0.00	20.36 -0.07 0.00	18.98 0.00 0.00	20.58 0.00 0.00	18.92 0.03 0.00	19.88 0.04 0.00	22.25 0.10 0.00	22.40 -0.02 0.00	24.85 -0.02 0.00	27.08 0.14 0.00	31.15 0.18 0.00	33.83 -0.06 0.00	35.24 -0.32 0.00	37.18 -0.13 -0.01	37.76 -0.32 0.00	44.25 -0.42 -0.32	44.32 -1.02 -0.34	41.03 -0.73 -0.12	39.27 -0.38 -0.03	41.57 -0.08 -0.18	42.35 0.09 -0.13	37.73 -0.10 0.00	36.81 0.10 -0.01	35.33 0.52 -0.01
MID___RAQUETTE_HYD 23851	21.73 -0.50 0.00	20.01 -0.42 0.00	18.69 -0.29 0.00	20.23 -0.34 0.00	18.65 -0.24 0.00	19.54 -0.30 0.00	21.92 -0.22 0.00	22.00 -0.41 0.00	24.40 -0.47 0.00	26.60 -0.34 0.00	30.37 -0.59 0.00	32.47 -1.42 0.00	33.42 -2.14 0.00	35.36 -1.95 0.00	36.02 -2.05 0.00	42.19 -2.32 -0.17	42.32 -2.86 -0.17	39.26 -2.44 -0.06	37.49 -2.13 -0.01	39.45 -2.11 -0.09	40.23 -1.97 -0.07	36.09 -1.74 0.00	35.51 -1.19 -0.01	34.76 -0.04 0.00
MILLIKEN___1 23584	22.86 0.63 0.00	20.92 0.50 0.00	19.39 0.42 0.00	21.04 0.47 0.00	19.26 0.37 0.00	20.33 0.49 0.00	22.66 0.51 0.00	22.94 0.52 0.00	25.38 0.51 0.00	27.48 0.53 0.00	31.81 0.84 0.00	34.86 0.97 0.00	36.66 1.10 0.00	38.51 1.19 -0.02	39.43 1.36 0.00	46.65 1.70 -0.60	47.25 1.62 -0.63	43.55 1.69 -0.22	41.36 1.69 -0.05	43.51 1.70 -0.34	43.91 1.55 -0.24	39.20 1.36 0.00	37.82 1.09 -0.03	35.74 0.92 -0.02
MILLIKEN___2 23585	22.86 0.63 0.00	20.92 0.50 0.00	19.39 0.42 0.00	21.04 0.47 0.00	19.26 0.37 0.00	20.33 0.49 0.00	22.66 0.51 0.00	22.94 0.52 0.00	25.38 0.51 0.00	27.48 0.53 0.00	31.81 0.84 0.00	34.86 0.97 0.00	36.66 1.10 0.00	38.51 1.19 -0.02	39.43 1.36 0.00	46.65 1.70 -0.60	47.25 1.62 -0.63	43.55 1.69 -0.22	41.36 1.69 -0.05	43.51 1.70 -0.34	43.91 1.55 -0.24	39.20 1.36 0.00	37.82 1.09 -0.03	35.74 0.92 -0.02
MILLIKEN___DIESEL 23629	22.86 0.63 0.00	20.92 0.50 0.00	19.39 0.42 0.00	21.04 0.47 0.00	19.26 0.37 0.00	20.33 0.49 0.00	22.66 0.51 0.00	22.94 0.52 0.00	25.38 0.51 0.00	27.48 0.53 0.00	31.81 0.84 0.00	34.86 0.97 0.00	36.66 1.10 0.00	38.51 1.19 0.00	39.43 1.36 0.00	46.65 1.70 -0.60	47.25 1.62 -0.63	43.55 1.69 -0.22	41.36 1.69 -0.05	43.51 1.70 -0.34	43.91 1.55 -0.24	39.20 1.36 0.00	37.82 1.09 -0.03	35.74 0.92 -0.02
MILLSEAT___LFGE 323607	22.91 0.68 0.00	20.90 0.48 0.00	19.25 0.27 0.00	20.78 0.20 0.00	18.91 0.02 0.00	20.08 0.24 0.00	22.22 0.07 0.00	22.38 -0.03 0.00	24.57 -0.30 0.00	26.59 -0.35 0.00	30.78 -0.19 0.00	33.51 -0.38 0.00	35.31 -0.24 0.00	37.35 0.05 0.00	38.14 0.07 0.00	43.97 -0.37 0.00	45.46 0.46 0.00	41.65 0.00 0.00	39.62 0.00 0.00	41.11 -0.36 0.00	41.58 -0.54 0.00	37.47 -0.37 0.00	36.17 -0.52 0.00	34.59 -0.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.35 1.11 0.00	21.45 1.03 0.00	19.84 0.86 0.00	21.51 0.94 0.00	19.70 0.81 0.00	20.80 0.95 0.00	23.23 1.08 0.00	23.69 1.28 0.00	26.44 1.57 0.00	28.65 1.71 0.00	35.84 2.37 -2.50	39.56 2.76 -2.91	40.02 3.37 -1.10	58.62 3.34 -17.97	41.30 3.22 0.00	48.02 3.67 0.00	48.88 3.88 0.00	45.20 3.56 0.00	42.79 3.17 0.00	44.76 3.30 0.00	45.36 3.23 0.00	40.74 2.91 0.00	39.33 2.63 0.00	36.89 2.09 0.00
MILLWOOD_13_KV_LOAD 356217	23.42 1.19 0.00	21.52 1.09 0.00	19.90 0.92 0.00	21.58 1.00 0.00	19.76 0.86 0.00	20.86 1.02 0.00	23.30 1.15 0.00	23.77 1.35 0.00	26.53 1.66 0.00	28.75 1.81 0.00	35.97 2.51 -2.50	39.73 2.93 -2.91	40.20 3.55 -1.10	58.82 3.55 -17.97	41.50 3.42 0.00	48.27 3.92 0.00	49.12 4.12 0.00	45.43 3.79 0.00	43.02 3.40 0.00	44.98 3.51 0.00	45.56 3.44 0.00	40.92 3.08 0.00	39.48 2.78 0.00	37.03 2.23 0.00
MODEL_CITY_ENERGY 24167	22.23 -0.01 0.00	20.29 -0.13 0.00	18.69 -0.29 0.00	20.18 -0.40 0.00	18.35 -0.54 0.00	19.48 -0.36 0.00	21.50 -0.65 0.00	21.59 -0.82 0.00	23.65 -1.22 0.00	25.60 -1.34 0.00	29.66 -1.31 0.00	32.36 -1.53 0.00	33.89 -1.67 0.00	35.74 -1.57 0.00	36.47 -1.61 0.00	42.09 -2.26 0.00	43.30 -1.71 0.00	39.67 -1.98 0.00	37.85 -1.77 0.00	39.28 -2.18 0.00	39.73 -2.40 0.00	35.90 -1.94 0.00	34.74 -1.96 0.00	33.37 -1.44 0.00
MODERN_LFGE___ 323580	22.23 -0.01 0.00	20.29 -0.13 0.00	18.69 -0.29 0.00	20.18 -0.40 0.00	18.35 -0.54 0.00	19.48 -0.36 0.00	21.50 -0.65 0.00	21.59 -0.82 0.00	23.65 -1.22 0.00	25.60 -1.34 0.00	29.66 -1.31 0.00	32.36 -1.53 0.00	33.89 -1.67 0.00	35.74 -1.57 0.00	36.47 -1.61 0.00	42.09 -2.26 0.00	43.30 -1.71 0.00	39.67 -1.98 0.00	37.85 -1.77 0.00	39.28 -2.18 0.00	39.73 -2.40 0.00	35.90 -1.94 0.00	34.74 -1.96 0.00	33.37 -1.44 0.00
MOHAWK_PAPER___DRP 24187	22.95 0.71 0.00	21.04 0.62 0.00	19.49 0.52 0.00	21.22 0.65 0.00	19.47 0.57 0.00	20.44 0.60 0.00	22.80 0.65 0.00	23.15 0.74 0.00	25.71 0.84 0.00	27.73 0.79 0.00	32.35 1.01 -0.37	35.54 1.22 -0.43	37.24 1.52 -0.16	41.57 1.60 -2.67	39.73 1.65 0.00	46.24 1.89 0.00	47.01 2.01 0.00	43.53 1.89 0.00	41.36 1.75 0.00	43.30 1.84 0.00	44.01 1.88 0.00	39.44 1.61 0.00	38.06 1.37 0.00	35.81 1.01 0.00
MOHICAN___35_KV_115KV_LD 80490	24.34 2.11 0.00	22.18 1.76 0.00	20.41 1.43 0.00	22.13 1.56 0.00	20.26 1.36 0.00	21.21 1.36 0.00	23.65 1.51 0.00	23.98 1.56 0.00	26.35 1.48 0.00	28.24 1.30 0.00	32.60 1.28 -0.35	35.92 1.62 -0.41	37.78 2.07 -0.15	42.19 2.35 -2.54	40.73 2.66 0.00	47.39 3.04 0.00	48.85 3.85 0.00	45.25 3.61 0.00	43.20 3.58 0.00	45.32 3.85 0.00	46.01 3.89 0.00	41.12 3.29 0.00	39.72 3.02 0.00	37.15 2.35 0.00
MONGAUP___HYD 23641	23.43 1.20 0.00	21.49 1.07 0.00	19.86 0.89 0.00	21.54 0.97 0.00	19.73 0.83 0.00	20.79 0.95 0.00	23.24 1.09 0.00	23.65 1.23 0.00	26.26 1.39 0.00	28.33 1.39 0.00	30.90 1.91 1.98	33.78 2.20 2.31	37.52 2.83 0.87	25.49 2.42 14.23	40.26 2.18 0.00	47.20 2.85 0.00	47.99 2.99 0.00	44.49 2.84 0.00	42.52 2.90 0.00	44.49 3.02 0.00	45.13 3.00 0.00	40.71 2.87 0.00	39.46 2.76 0.00	36.97 2.16 0.00
MONTAUK___DIESEL 23721	24.02 1.78 0.00	22.13 1.71 0.00	20.68 1.70 0.00	22.55 1.97 0.00	20.59 1.70 0.00	21.73 1.89 0.00	24.23 2.08 0.00	24.93 2.52 0.00	27.73 2.86 0.00	30.04 3.10 0.00	39.08 4.64 -3.47	43.07 5.23 -3.95	43.15 5.96 -1.64	59.58 6.04 -16.24	43.98 5.91 0.00	50.44 6.09 0.00	51.32 6.32 0.00	47.03 5.39 0.00	43.65 4.03 0.00	45.02 3.55 0.00	42.58 3.46 3.01	36.73 2.59 3.69	39.10 2.40 0.00	36.67 1.87 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.29 1.05 0.00	21.25 0.83 0.00	19.55 0.57 0.00	21.01 0.44 0.00	18.81 -0.09 0.00	19.79 -0.05 0.00	21.75 -0.40 0.00	21.92 -0.50 0.00	24.58 -0.29 0.00	26.90 -0.04 0.00	31.48 0.51 0.00	34.47 0.58 0.00	35.87 0.32 0.00	37.34 0.04 0.00	38.33 0.26 0.00	44.27 -0.08 0.00	45.63 0.63 0.00	42.01 0.37 0.00	39.81 0.19 0.00	41.51 0.04 0.00	41.92 -0.21 0.00	37.68 -0.15 0.00	36.58 -0.12 0.00	35.08 0.28 0.00

MORTIMER_115KV_TB3 55949	22.62 0.39 0.00	20.69 0.26 0.00	19.10 0.12 0.00	20.65 0.08 0.00	18.85 -0.04 0.00	19.94 0.10 0.00	22.13 -0.02 0.00	22.36 -0.06 0.00	24.67 -0.20 0.00	26.78 -0.16 0.00	30.96 -0.01 0.00	33.77 -0.12 0.00	35.56 0.00 0.00	37.55 0.25 0.00	38.40 0.32 0.00	44.56 0.21 0.00	45.77 0.77 0.00	42.06 0.41 0.00	40.01 0.39 0.00	41.56 0.10 0.00	42.04 -0.08 0.00	37.77 -0.06 0.00	36.48 -0.21 0.00	34.72 -0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.52 1.29 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.89 1.48 0.00	26.68 1.81 0.00	28.94 2.00 0.00	35.94 2.73 -2.24	39.66 3.16 -2.61	40.35 3.82 -0.98	57.18 3.78 -16.09	41.72 3.65 0.00	48.48 4.13 0.00	49.31 4.31 0.00	45.56 3.92 0.00	43.13 3.51 0.00	45.09 3.62 0.00	45.67 3.54 0.00	41.06 3.23 0.00	39.67 2.97 0.00	37.22 2.42 0.00
MUNSVILLE_WIND_PWR 323609	23.91 1.67 0.00	21.89 1.47 0.00	20.31 1.33 0.00	22.04 1.47 0.00	20.18 1.28 0.00	21.48 1.64 0.00	24.06 1.91 0.00	24.43 2.01 0.00	26.93 2.06 0.00	29.05 2.10 0.00	33.60 2.63 0.00	36.96 3.07 0.00	38.48 2.92 0.00	40.50 3.19 -0.01	41.39 3.32 0.00	49.13 4.40 -0.38	49.30 3.90 -0.40	45.27 3.49 -0.14	43.47 3.82 -0.03	45.33 3.65 -0.21	46.02 3.74 -0.15	41.61 3.78 0.00	40.24 3.53 -0.02	37.95 3.13 -0.01
N SALMON___HYD 24042	22.45 0.22 0.00	20.56 0.13 0.00	19.20 0.22 0.00	20.81 0.24 0.00	19.20 0.31 0.00	20.16 0.32 0.00	22.59 0.45 0.00	22.68 0.26 0.00	25.15 0.28 0.00	27.36 0.42 0.00	31.31 0.34 0.00	33.91 0.02 0.00	34.64 -0.92 0.00	36.36 -0.94 0.00	37.23 -0.85 0.00	43.49 -0.86 0.00	43.84 -1.17 0.00	40.73 -0.91 0.00	38.75 -0.86 0.00	40.55 -0.92 0.00	41.43 -0.69 0.00	37.43 -0.40 0.00	36.88 0.19 0.00	35.60 0.80 0.00
N.AKRON__115KV_KNAPP 355671	22.82 0.58 0.00	20.83 0.41 0.00	19.18 0.20 0.00	20.71 0.13 0.00	18.84 -0.05 0.00	20.01 0.17 0.00	22.11 -0.03 0.00	22.27 -0.15 0.00	24.44 -0.43 0.00	26.46 -0.48 0.00	30.61 -0.36 0.00	33.32 -0.57 0.00	35.10 -0.46 0.00	37.06 -0.24 0.00	37.85 -0.23 0.00	43.68 -0.67 0.00	45.05 0.05 0.00	41.26 -0.38 0.00	39.30 -0.32 0.00	40.79 -0.67 0.00	41.27 -0.86 0.00	37.19 -0.65 0.00	35.92 -0.78 0.00	34.39 -0.42 0.00
N.BELMOR_69_KV_BK1 55787	23.53 1.29 0.00	21.70 1.27 0.00	20.10 1.13 0.00	21.80 1.22 0.00	19.93 1.04 0.00	21.04 1.20 0.00	23.46 1.31 0.00	23.99 1.57 0.00	26.68 1.81 0.00	28.92 1.98 0.00	37.49 3.05 -3.47	41.53 3.69 -3.95	41.43 4.24 -1.64	57.59 4.05 -16.24	42.03 3.95 0.00	48.65 4.30 0.00	49.60 4.60 0.00	45.89 4.25 0.00	43.29 3.67 0.00	45.10 3.63 0.00	43.56 3.47 2.04	38.52 3.19 2.50	39.76 3.06 0.00	37.37 2.57 0.00
N.E_GEN_SANDY PD 24062	23.45 0.87 -0.35	22.29 0.77 -1.09	28.77 0.61 -9.17	24.63 0.73 -3.32	22.30 0.67 -2.74	23.54 0.75 -2.95	23.46 0.87 -0.45	23.41 0.99 0.00	25.65 1.14 0.36	28.04 1.08 -0.02	33.06 1.40 -0.68	36.32 1.64 -0.80	37.87 2.02 -0.30	44.26 2.05 -4.91	40.49 1.98 -0.43	46.66 2.32 0.00	47.42 2.42 0.00	43.93 2.28 0.00	41.76 2.14 0.00	43.39 2.23 0.31	44.95 2.30 -0.53	39.78 1.95 0.00	39.01 1.69 -0.63	36.02 1.22 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.32 1.09 0.00	21.44 1.01 0.00	19.84 0.86 0.00	21.52 0.95 0.00	19.70 0.80 0.00	20.79 0.95 0.00	23.19 1.04 0.00	23.63 1.21 0.00	26.41 1.54 0.00	28.64 1.70 0.00	30.00 2.36 3.33	32.79 2.77 3.87	37.51 3.41 1.46	16.73 3.36 23.93	41.29 3.22 0.00	48.06 3.71 0.00	48.95 3.95 0.00	45.27 3.63 0.00	42.86 3.24 0.00	44.84 3.37 0.00	45.46 3.34 0.00	40.83 3.00 0.00	39.39 2.70 0.00	36.92 2.11 0.00
N.QUEENS_27_KV_LOAD 356247	23.58 1.34 0.00	21.67 1.25 0.00	20.03 1.05 0.00	21.70 1.12 0.00	19.88 0.99 0.00	20.99 1.15 0.00	23.48 1.33 0.00	23.97 1.55 0.00	26.72 1.85 0.00	28.96 2.02 0.00	35.99 2.78 -2.24	39.66 3.17 -2.61	40.41 3.87 -0.98	57.23 3.83 -16.10	41.81 3.73 0.00	48.69 4.34 0.01	49.64 4.65 0.01	45.88 4.24 0.00	43.37 3.75 0.00	45.33 3.85 -0.01	45.93 3.80 -0.01	41.33 3.50 0.00	39.93 3.23 0.00	37.45 2.65 0.00
N.TROY___115KV_TB1 355778	23.19 0.95 0.00	21.24 0.81 0.00	19.67 0.69 0.00	21.40 0.82 0.00	19.64 0.74 0.00	20.61 0.77 0.00	23.01 0.86 0.00	23.36 0.94 0.00	25.88 1.01 0.00	27.85 0.91 0.00	32.44 1.09 -0.38	35.62 1.29 -0.44	37.32 1.60 -0.17	41.72 1.69 -2.73	39.81 1.73 0.00	46.34 1.99 0.00	47.17 2.17 0.00	43.72 2.08 0.00	41.57 1.95 0.00	43.54 2.07 0.00	44.32 2.19 0.00	39.67 1.84 0.00	38.30 1.61 0.00	35.97 1.18 0.00
NARROWS_GT1_1 24228	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT1_2 24229	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT1_3 24230	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT1_4 24231	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT1_5 24232	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58

NARROWS_GT1_6 24233	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT1_7 24234	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT1_8 24235	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_1 24236	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_2 24237	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_3 24238	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_4 24239	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_5 24240	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_6 24241	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_7 24242	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NARROWS_GT2_8 24243	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.89 3.39 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.06 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.79 3.81 -4.51	53.50 3.75 -7.62	44.35 3.40 -3.12	44.38 3.16 -4.53	100.02 2.64 -62.58
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.22 0.99 0.00	21.25 0.82 0.00	19.68 0.70 0.00	21.43 0.86 0.00	19.67 0.78 0.00	20.63 0.79 0.00	23.04 0.89 0.00	23.37 0.96 0.00	25.83 0.96 0.00	27.67 0.73 0.00	31.77 0.80 0.00	34.70 0.81 0.00	36.56 1.01 0.00	38.42 1.12 0.00	39.48 1.41 0.00	46.23 1.89 0.00	47.23 2.23 0.00	43.88 2.24 0.00	41.93 2.32 0.00	43.97 2.51 0.00	44.76 2.63 0.00	39.99 2.16 0.00	38.55 1.86 0.00	36.40 1.60 0.00
NCHELSEA_115KV_TR2 355582	23.55 1.31 0.00	21.61 1.18 0.00	19.96 0.98 0.00	21.65 1.07 0.00	19.83 0.93 0.00	20.93 1.08 0.00	23.40 1.25 0.00	23.85 1.44 0.00	26.62 1.75 0.00	28.85 1.91 0.00	33.51 2.54 0.00	36.88 2.99 0.00	39.20 3.64 0.00	40.96 3.66 0.00	41.68 3.60 0.00	48.57 4.22 0.00	49.47 4.47 0.00	45.75 4.11 0.00	43.36 3.75 0.00	45.32 3.85 0.00	45.89 3.77 0.00	41.14 3.31 0.00	39.65 2.95 0.00	37.15 2.35 0.00
NEG CAPITAL___MECHNVIL 23645	23.74 1.50 0.00	21.66 1.24 0.00	20.01 1.04 0.00	21.74 1.17 0.00	19.93 1.03 0.00	20.91 1.07 0.00	23.36 1.22 0.00	23.76 1.35 0.00	26.32 1.44 0.00	28.31 1.37 0.00	32.91 1.57 -0.36	36.19 1.88 -0.42	38.03 2.31 -0.16	42.47 2.54 -2.63	40.78 2.71 0.00	47.41 3.06 0.00	48.55 3.55 0.00	44.96 3.32 0.00	42.72 3.10 0.00	44.77 3.30 0.00	45.50 3.38 0.00	40.69 2.86 0.00	39.25 2.56 0.00	36.83 2.03 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.21 -0.02 0.00	20.32 -0.11 0.00	18.77 -0.21 0.00	20.30 -0.27 0.00	18.55 -0.35 0.00	19.62 -0.22 0.00	21.80 -0.35 0.00	22.05 -0.37 0.00	24.35 -0.52 0.00	26.46 -0.49 0.00	30.61 -0.36 0.00	33.45 -0.44 0.00	35.24 -0.32 0.00	37.17 -0.13 0.00	38.01 -0.07 0.00	44.18 -0.17 0.00	45.27 0.27 0.00	41.69 0.04 0.00	39.64 0.02 0.00	41.20 -0.27 0.00	41.64 -0.48 0.00	37.39 -0.44 0.00	36.07 -0.63 0.00	34.27 -0.53 0.00

NEG CENTRAL___DRP 24199	22.70 0.47 0.00	20.76 0.33 0.00	19.20 0.22 0.00	20.82 0.24 0.00	19.03 0.14 0.00	20.12 0.27 0.00	22.38 0.24 0.00	22.62 0.20 0.00	25.03 0.16 0.00	27.16 0.22 0.00	31.43 0.46 0.00	34.37 0.48 0.00	36.15 0.59 0.00	38.13 0.82 -0.02	39.09 1.01 0.00	46.02 1.07 -0.60	46.92 1.29 -0.63	43.07 1.21 -0.22	40.81 1.15 -0.05	42.85 1.04 -0.34	43.14 0.76 -0.25	38.46 0.62 0.00	37.07 0.35 -0.03	35.16 0.34 -0.02
NEG CENTRAL___INDECK 23768	23.53 1.30 0.00	21.48 1.06 0.00	19.79 0.81 0.00	21.42 0.84 0.00	19.55 0.65 0.00	20.72 0.88 0.00	22.94 0.79 0.00	23.02 0.60 0.00	25.13 0.26 0.00	27.39 0.45 0.00	31.62 0.65 0.00	34.26 0.37 0.00	35.47 -0.09 0.00	37.31 0.01 0.00	38.40 0.32 0.00	44.10 -0.25 0.00	45.69 0.69 0.00	42.52 0.88 0.00	40.46 0.84 0.00	42.01 0.54 0.00	42.43 0.30 0.00	38.04 0.21 0.00	37.31 0.61 0.00	35.71 0.91 0.00
NEG CENTRAL___SENECA 23627	22.87 0.63 0.00	20.89 0.47 0.00	19.30 0.32 0.00	20.93 0.35 0.00	19.11 0.22 0.00	20.23 0.39 0.00	22.48 0.33 0.00	22.72 0.30 0.00	25.10 0.23 0.00	27.27 0.32 0.00	31.55 0.58 0.00	34.48 0.59 0.00	36.30 0.74 0.00	38.36 1.06 -0.01	39.36 1.28 0.00	45.99 1.33 -0.32	46.99 1.65 -0.33	43.20 1.44 -0.12	41.01 1.37 -0.03	42.87 1.22 -0.18	43.15 0.89 -0.13	38.57 0.74 0.00	37.14 0.43 -0.01	35.29 0.48 -0.01
NEG CENTRAL___STATE_STREET 24147	22.67 0.44 0.00	20.70 0.27 0.00	19.24 0.26 0.00	20.87 0.30 0.00	19.09 0.20 0.00	20.14 0.30 0.00	22.45 0.31 0.00	22.70 0.29 0.00	25.13 0.26 0.00	27.25 0.31 0.00	31.50 0.53 0.00	34.43 0.54 0.00	36.27 0.71 0.00	38.12 0.80 -0.02	39.05 0.97 0.00	46.29 1.13 -0.80	46.99 1.15 -0.84	43.26 1.32 -0.29	40.95 1.27 -0.06	43.16 1.24 -0.45	43.49 1.03 -0.32	38.69 0.86 0.00	37.32 0.59 -0.04	35.33 0.51 -0.03
NEG MILLWOOD___DRP 24198	23.61 1.38 0.00	21.66 1.24 0.00	20.01 1.03 0.00	21.69 1.11 0.00	19.87 0.97 0.00	20.97 1.13 0.00	23.45 1.31 0.00	23.94 1.52 0.00	26.72 1.85 0.00	28.96 2.02 0.00	34.44 2.74 -0.73	37.97 3.23 -0.84	39.79 3.91 -0.32	46.41 4.01 -5.10	42.01 3.94 0.00	48.93 4.58 0.00	49.76 4.76 0.00	46.02 4.38 0.00	43.58 3.97 0.00	45.55 4.08 0.00	46.09 3.97 0.00	41.34 3.50 0.00	39.82 3.13 0.00	37.31 2.51 0.00
NEG NORTH_FLCN_SEA 23793	23.15 0.91 0.00	21.10 0.67 0.00	19.63 0.66 0.00	21.37 0.79 0.00	19.72 0.83 0.00	20.78 0.94 0.00	23.17 1.02 0.00	23.25 0.83 0.00	25.72 0.85 0.00	27.82 0.88 0.00	32.05 1.08 0.00	34.83 0.95 0.00	35.32 -0.24 0.00	36.62 -0.68 0.00	37.37 -0.71 0.00	43.61 -0.74 0.00	43.96 -1.04 0.00	40.85 -0.79 0.00	38.82 -0.80 0.00	40.67 -0.80 0.00	41.41 -0.71 0.00	37.72 -0.11 0.00	37.73 1.04 0.00	36.33 1.53 0.00
NEG NORTH_KES_CHATEGAY 23792	22.43 0.20 0.00	20.53 0.10 0.00	19.17 0.19 0.00	20.79 0.22 0.00	19.20 0.30 0.00	20.15 0.31 0.00	22.56 0.41 0.00	22.64 0.22 0.00	25.07 0.20 0.00	27.22 0.28 0.00	31.15 0.18 0.00	33.85 -0.04 0.00	34.58 -0.98 0.00	36.19 -1.11 0.00	37.08 -1.00 0.00	43.37 -0.98 0.00	43.74 -1.26 0.00	40.63 -1.02 0.00	38.62 -1.00 0.00	40.37 -1.10 0.00	41.25 -0.88 0.00	37.32 -0.51 0.00	36.84 0.15 0.00	35.47 0.67 0.00
NEG NORTH___ALICE_FALLS 23915	23.23 0.99 0.00	21.17 0.74 0.00	19.67 0.69 0.00	21.42 0.85 0.00	19.78 0.88 0.00	20.85 1.01 0.00	23.30 1.15 0.00	23.32 0.91 0.00	25.80 0.93 0.00	27.88 0.94 0.00	32.13 1.17 0.00	34.98 1.09 0.00	35.48 -0.08 0.00	36.80 -0.50 0.00	37.53 -0.55 0.00	43.79 -0.56 0.00	44.23 -0.77 0.00	41.09 -0.55 0.00	39.05 -0.56 0.00	40.82 -0.64 0.00	41.62 -0.50 0.00	37.80 -0.03 0.00	37.75 1.05 0.00	36.43 1.63 0.00
NEG NORTH___LWR_SARANAC 23913	23.23 0.99 0.00	21.17 0.74 0.00	19.67 0.69 0.00	21.42 0.85 0.00	19.78 0.88 0.00	20.85 1.01 0.00	23.30 1.15 0.00	23.32 0.91 0.00	25.80 0.93 0.00	27.88 0.94 0.00	32.13 1.17 0.00	34.98 1.09 0.00	35.48 -0.08 0.00	36.80 -0.50 0.00	37.53 -0.55 0.00	43.79 -0.56 0.00	44.23 -0.77 0.00	41.09 -0.55 0.00	39.05 -0.56 0.00	40.82 -0.64 0.00	41.62 -0.50 0.00	37.80 -0.03 0.00	37.75 1.05 0.00	36.43 1.63 0.00
NEG NORTH___PLATTSBURG 23628	23.23 0.99 0.00	21.17 0.74 0.00	19.67 0.70 0.00	21.42 0.85 0.00	19.78 0.88 0.00	20.84 1.00 0.00	23.30 1.15 0.00	23.32 0.90 0.00	25.80 0.93 0.00	27.88 0.94 0.00	32.13 1.17 0.00	34.98 1.09 0.00	35.48 -0.08 0.00	36.80 -0.50 0.00	37.53 -0.55 0.00	43.79 -0.56 0.00	44.23 -0.77 0.00	41.09 -0.55 0.00	39.05 -0.56 0.00	40.82 -0.64 0.00	41.62 -0.50 0.00	37.80 -0.03 0.00	37.75 1.05 0.00	36.43 1.63 0.00
NEG WEST_LEA_LOCKPORT 23791	22.44 0.20 0.00	20.50 0.07 0.00	18.88 -0.10 0.00	20.38 -0.20 0.00	18.52 -0.37 0.00	19.67 -0.18 0.00	21.68 -0.46 0.00	21.76 -0.66 0.00	23.82 -1.05 0.00	25.76 -1.18 0.00	29.80 -1.17 0.00	32.48 -1.41 0.00	34.07 -1.49 0.00	35.93 -1.37 0.00	36.70 -1.38 0.00	42.30 -2.05 0.00	43.54 -1.46 0.00	39.85 -1.78 0.01	38.05 -1.57 0.00	39.53 -1.94 0.00	40.00 -2.13 0.00	36.08 -1.75 0.00	34.91 -1.79 0.00	33.50 -1.30 0.00
NEG WEST___LANCASTR 23811	22.60 0.37 0.00	20.66 0.23 0.00	19.03 0.06 0.00	20.60 0.02 0.00	18.71 -0.19 0.00	19.85 0.01 0.00	21.95 -0.20 0.00	22.12 -0.30 0.00	24.38 -0.49 0.00	26.48 -0.47 0.00	30.68 -0.29 0.00	33.56 -0.33 0.00	35.26 -0.30 0.00	36.91 -0.39 0.00	37.72 -0.36 0.00	43.56 -0.79 0.00	44.74 -0.26 0.00	40.92 -0.72 0.00	39.04 -0.58 0.00	40.56 -0.91 0.00	40.92 -1.20 0.00	37.00 -0.83 0.00	35.75 -0.94 0.00	34.14 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	22.63 0.40 0.00	20.73 0.30 0.00	19.17 0.19 0.00	20.83 0.26 0.00	19.03 0.13 0.00	20.11 0.27 0.00	22.39 0.24 0.00	22.70 0.28 0.00	25.18 0.31 0.00	27.33 0.38 0.00	31.66 0.69 0.00	34.80 0.91 0.00	36.67 1.12 0.00	38.42 1.11 -0.01	39.28 1.21 0.00	45.95 1.24 -0.36	46.78 1.40 -0.38	42.82 1.05 -0.13	40.65 1.00 -0.03	42.67 1.00 -0.20	43.03 0.76 -0.15	38.62 0.79 0.00	37.25 0.54 -0.02	35.24 0.43 -0.01
NEG___GEN_MONROE 24207	22.89 0.65 0.00	20.88 0.45 0.00	19.26 0.28 0.00	20.81 0.24 0.00	18.99 0.10 0.00	20.11 0.27 0.00	22.31 0.17 0.00	22.52 0.11 0.00	24.85 -0.03 0.00	26.95 0.01 0.00	31.17 0.20 0.00	33.93 0.04 0.00	35.77 0.21 0.00	37.83 0.52 0.00	38.70 0.62 0.00	44.78 0.43 0.00	46.14 1.14 0.00	42.36 0.72 0.00	40.30 0.69 0.00	41.85 0.38 0.00	42.33 0.20 0.00	38.03 0.20 0.00	36.72 0.02 0.00	34.96 0.16 0.00
NEPA___ENERGY 23901	22.72 0.48 0.00	20.73 0.31 0.00	19.09 0.12 0.00	20.72 0.15 0.00	18.70 -0.20 0.00	19.86 0.02 0.00	21.95 -0.19 0.00	22.15 -0.27 0.00	24.58 -0.29 0.00	26.75 -0.19 0.00	31.08 0.11 0.00	34.17 0.28 0.00	36.00 0.44 0.00	37.58 0.28 0.00	38.48 0.40 0.00	44.32 -0.03 0.00	45.51 0.51 0.00	41.62 -0.02 0.00	39.66 0.05 0.00	41.33 -0.14 0.00	41.52 -0.61 0.00	37.64 -0.19 0.00	36.30 -0.40 0.00	34.60 -0.21 0.00

NEVERSINK___HYD 23608	22.97 0.74 0.00	21.07 0.64 0.00	19.46 0.48 0.00	21.09 0.51 0.00	19.31 0.42 0.00	20.37 0.53 0.00	22.76 0.61 0.00	23.20 0.78 0.00	25.88 1.01 0.00	28.04 1.09 0.00	32.07 1.59 0.49	35.21 1.90 0.58	37.90 2.56 0.22	36.42 2.56 3.44	40.54 2.46 0.00	47.34 3.00 0.00	48.35 3.34 0.00	44.72 3.08 0.00	42.41 2.79 0.00	44.41 2.94 0.00	44.91 2.79 0.00	40.23 2.40 0.00	38.74 2.04 0.00	36.30 1.50 0.00
NEWKRMKL_115KV_TB1 55635	22.65 0.42 0.00	20.78 0.36 0.00	19.26 0.28 0.00	20.98 0.40 0.00	19.25 0.35 0.00	20.19 0.35 0.00	22.53 0.38 0.00	22.88 0.46 0.00	25.41 0.54 0.00	27.43 0.48 0.00	32.01 0.67 -0.36	35.14 0.82 -0.42	36.81 1.09 -0.16	41.06 1.13 -2.63	39.23 1.15 0.00	45.64 1.29 0.00	46.40 1.40 0.00	42.96 1.31 0.00	40.82 1.20 0.00	42.72 1.26 0.00	43.42 1.29 0.00	38.92 1.09 0.00	37.58 0.88 0.00	35.39 0.58 0.00
NEWTON___FALLS_HYD 23847	22.00 -0.23 0.00	20.36 -0.07 0.00	18.98 0.00 0.00	20.58 0.00 0.00	18.92 0.03 0.00	19.88 0.04 0.00	22.25 0.10 0.00	22.40 -0.02 0.00	24.85 -0.02 0.00	27.08 0.14 0.00	31.15 0.18 0.00	33.83 -0.06 0.00	35.24 -0.32 0.00	37.18 -0.13 -0.01	37.76 -0.32 0.00	44.25 -0.42 -0.32	44.32 -1.02 -0.34	41.03 -0.73 -0.12	39.27 -0.38 -0.03	41.57 -0.08 -0.18	42.35 0.09 -0.13	37.73 -0.10 0.00	36.81 0.10 -0.01	35.33 0.52 -0.01
NGRID_A1_DSASP 323792	22.02 -0.21 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.71 0.00	19.30 -0.54 0.00	21.30 -0.84 0.00	21.40 -1.02 0.00	23.45 -1.42 0.00	25.39 -1.55 0.00	29.43 -1.54 0.00	31.92 -1.97 0.00	33.38 -2.18 0.00	35.20 -2.10 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.23 -2.39 0.00	38.64 -2.83 0.00	39.10 -3.03 0.00	35.35 -2.48 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
NGRID_A2_DSASP 323793	22.02 -0.21 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.71 0.00	19.30 -0.54 0.00	21.30 -0.84 0.00	21.40 -1.02 0.00	23.45 -1.42 0.00	25.39 -1.55 0.00	29.43 -1.54 0.00	31.92 -1.97 0.00	33.38 -2.18 0.00	35.20 -2.10 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.23 -2.39 0.00	38.64 -2.83 0.00	39.10 -3.03 0.00	35.35 -2.48 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
NGRID_A4_DSASP 323807	22.02 -0.21 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.71 0.00	19.30 -0.54 0.00	21.30 -0.84 0.00	21.40 -1.02 0.00	23.45 -1.42 0.00	25.39 -1.55 0.00	29.43 -1.54 0.00	31.92 -1.97 0.00	33.38 -2.18 0.00	35.20 -2.10 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.23 -2.39 0.00	38.64 -2.83 0.00	39.10 -3.03 0.00	35.35 -2.48 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
NIAGARA_115E_LBMP 323715	22.09 -0.14 0.00	20.18 -0.25 0.00	18.58 -0.39 0.00	20.06 -0.51 0.00	18.24 -0.65 0.00	19.36 -0.47 0.00	21.38 -0.77 0.00	21.47 -0.95 0.00	23.52 -1.35 0.00	25.46 -1.48 0.00	29.50 -1.46 0.00	32.19 -1.70 0.00	33.68 -1.88 0.00	35.52 -1.78 0.00	36.25 -1.82 0.00	41.83 -2.52 0.00	43.03 -1.97 0.00	39.42 -2.22 0.00	37.63 -1.99 0.00	39.04 -2.43 0.00	39.48 -2.64 0.00	35.68 -2.15 0.00	34.56 -2.14 0.00	33.20 -1.60 0.00
NIAGARA_115W_LBMP 323714	21.97 -0.26 0.00	20.07 -0.36 0.00	18.48 -0.49 0.00	19.96 -0.62 0.00	18.15 -0.74 0.00	19.26 -0.58 0.00	21.26 -0.89 0.00	21.36 -1.06 0.00	23.41 -1.46 0.00	25.33 -1.61 0.00	29.35 -1.62 0.00	31.84 -2.05 0.00	33.28 -2.28 0.00	35.11 -2.19 0.00	35.82 -2.26 0.00	41.32 -3.03 0.00	42.47 -2.53 0.00	38.91 -2.73 0.00	37.13 -2.48 0.00	38.53 -2.93 0.00	38.99 -3.14 0.00	35.26 -2.57 0.00	34.18 -2.52 0.00	33.01 -1.79 0.00
NIAGARA_230_LBMP 323716	22.14 -0.10 0.00	20.22 -0.20 0.00	18.63 -0.34 0.00	20.12 -0.45 0.00	18.30 -0.60 0.00	19.41 -0.43 0.00	21.43 -0.72 0.00	21.54 -0.87 0.00	23.62 -1.25 0.00	25.58 -1.36 0.00	29.65 -1.33 0.00	32.32 -1.57 0.00	33.82 -1.73 0.00	35.68 -1.62 0.00	36.42 -1.66 0.00	42.04 -2.31 0.00	43.25 -1.75 0.00	39.62 -2.03 0.00	37.80 -1.81 0.00	39.22 -2.24 0.00	39.69 -2.44 0.00	35.86 -1.97 0.00	34.71 -1.99 0.00	33.34 -1.46 0.00
NIAGARA___115KV_198_GIBSON 55903	21.96 -0.28 0.00	20.07 -0.36 0.00	18.48 -0.49 0.00	19.96 -0.62 0.00	18.15 -0.74 0.00	19.26 -0.58 0.00	21.26 -0.89 0.00	21.35 -1.06 0.00	23.42 -1.45 0.00	25.36 -1.59 0.00	29.35 -1.62 0.00	31.78 -2.11 0.00	33.27 -2.29 0.00	35.10 -2.20 0.00	35.82 -2.26 0.00	41.32 -3.03 0.00	42.46 -2.54 0.00	38.92 -2.73 0.00	37.14 -2.47 0.00	38.55 -2.92 0.00	39.03 -3.10 0.00	35.26 -2.58 0.00	34.18 -2.52 0.00	33.01 -1.79 0.00
NIAGARA____ 23760	22.14 -0.10 0.00	20.22 -0.20 0.00	18.63 -0.34 0.00	20.12 -0.45 0.00	18.30 -0.60 0.00	19.41 -0.43 0.00	21.43 -0.72 0.00	21.54 -0.87 0.00	23.62 -1.25 0.00	25.58 -1.36 0.00	29.65 -1.33 0.00	32.32 -1.57 0.00	33.82 -1.73 0.00	35.68 -1.62 0.00	36.42 -1.66 0.00	42.04 -2.31 0.00	43.25 -1.75 0.00	39.62 -2.03 0.00	37.80 -1.81 0.00	39.22 -2.24 0.00	39.69 -2.44 0.00	35.86 -1.97 0.00	34.71 -1.99 0.00	33.34 -1.46 0.00
NINE_MILE_1 23575	21.72 -0.52 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.06 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.55 -0.60 0.00	21.81 -0.61 0.00	24.16 -0.71 0.00	26.17 -0.77 0.00	30.19 -0.78 0.00	33.05 -0.84 0.00	34.75 -0.80 0.00	36.34 -0.83 0.14	37.26 -0.82 0.00	37.93 -0.99 5.42	38.40 -0.91 5.69	38.80 -0.86 1.98	38.38 -0.81 0.43	37.53 -0.89 3.05	38.95 -0.98 2.20	36.89 -0.91 0.03	35.49 -0.97 0.23	33.66 -0.97 0.17
NINE_MILE_2 23744	21.72 -0.52 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.06 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.55 -0.60 0.00	21.81 -0.61 0.00	24.16 -0.71 0.00	26.17 -0.77 0.00	30.19 -0.78 0.00	33.05 -0.84 0.00	34.75 -0.80 0.00	36.34 -0.83 0.14	37.26 -0.82 0.00	37.85 -0.99 5.50	38.32 -0.91 5.77	38.77 -0.86 2.01	38.37 -0.81 0.44	37.48 -0.89 3.10	38.91 -0.98 2.23	36.89 -0.91 0.03	35.49 -0.97 0.24	33.66 -0.97 0.17
NM_CAPITAL___DRP 24208	22.70 0.46 0.00	20.82 0.40 0.00	19.30 0.33 0.00	21.02 0.45 0.00	19.29 0.39 0.00	20.24 0.40 0.00	22.58 0.43 0.00	22.91 0.49 0.00	25.45 0.57 0.00	27.45 0.51 0.00	32.04 0.70 -0.37	35.16 0.84 -0.43	36.84 1.12 -0.16	41.12 1.15 -2.67	39.23 1.16 0.00	45.66 1.32 0.00	46.40 1.40 0.00	42.97 1.33 0.00	40.84 1.22 0.00	42.75 1.28 0.00	43.45 1.32 0.00	38.95 1.11 0.00	37.61 0.91 0.00	35.41 0.61 0.00
NM_CENTRAL___DRP 24181	22.22 -0.01 0.00	20.40 -0.02 0.00	18.89 -0.08 0.00	20.49 -0.09 0.00	18.78 -0.12 0.00	19.78 -0.06 0.00	22.02 -0.13 0.00	22.31 -0.11 0.00	24.74 -0.13 0.00	26.82 -0.12 0.00	31.02 0.05 0.00	33.98 0.10 0.00	35.75 0.19 0.00	37.56 0.24 -0.01	38.39 0.31 0.00	45.19 0.32 -0.52	46.02 0.48 -0.55	42.23 0.40 -0.19	40.06 0.40 -0.04	42.10 0.34 -0.29	42.56 0.22 -0.21	37.95 0.12 0.00	36.68 -0.04 -0.02	34.68 -0.14 -0.02

NM_FRONTIER___DRP 24179	21.96 -0.28 0.00	20.07 -0.36 0.00	18.48 -0.49 0.00	19.96 -0.62 0.00	18.15 -0.74 0.00	19.26 -0.58 0.00	21.26 -0.89 0.00	21.35 -1.06 0.00	23.42 -1.45 0.00	25.36 -1.59 0.00	29.35 -1.62 0.00	31.78 -2.11 0.00	33.27 -2.29 0.00	35.10 -2.20 0.00	35.82 -2.26 0.00	41.32 -3.03 0.00	42.46 -2.54 0.00	38.92 -2.73 0.00	37.14 -2.47 0.00	38.55 -2.92 0.00	39.03 -3.10 0.00	35.26 -2.58 0.00	34.18 -2.52 0.00	33.01 -1.79 0.00
NM_ST_REGIS___HYD 24053	21.93 -0.30 0.00	20.16 -0.26 0.00	18.83 -0.15 0.00	20.40 -0.18 0.00	18.81 -0.08 0.00	19.71 -0.13 0.00	22.11 -0.03 0.00	22.19 -0.23 0.00	24.61 -0.26 0.00	26.81 -0.13 0.00	30.63 -0.34 0.00	32.86 -1.03 0.00	33.74 -1.82 0.00	35.62 -1.68 0.00	36.33 -1.75 0.00	42.56 -1.94 -0.15	42.73 -2.43 -0.16	39.65 -2.04 -0.05	37.82 -1.81 -0.01	39.75 -1.80 -0.08	40.56 -1.63 -0.06	36.45 -1.38 0.00	35.89 -0.82 -0.01	35.00 0.20 0.00
NORTHPORT___1 23551	23.10 0.87 0.00	21.45 1.02 0.00	19.92 0.94 0.00	21.61 1.04 0.00	19.73 0.84 0.00	20.80 0.96 0.00	23.16 1.01 0.00	23.65 1.24 0.00	26.13 1.26 0.00	20.28 1.24 7.90	36.82 2.38 -3.47	40.87 3.04 -3.95	39.84 3.51 -0.77	39.82 3.25 0.74	39.77 3.18 1.49	39.88 3.22 7.69	40.45 3.47 8.03	44.36 3.23 0.51	28.70 2.62 13.54	43.58 2.60 0.49	27.90 2.39 16.62	35.96 2.12 3.99	37.49 1.91 1.11	30.37 1.55 5.97
NORTHPORT___2 23552	23.10 0.87 0.00	21.45 1.02 0.00	19.92 0.94 0.00	21.61 1.04 0.00	19.73 0.84 0.00	20.80 0.96 0.00	23.16 1.01 0.00	23.65 1.24 0.00	26.13 1.26 0.00	20.28 1.24 7.90	36.82 2.38 -3.47	40.87 3.04 -3.95	39.84 3.51 -0.77	39.82 3.25 0.74	39.77 3.18 1.49	39.88 3.22 7.69	39.01 3.47 9.46	27.50 3.23 17.37	27.50 2.62 14.74	27.50 2.60 16.57	27.50 2.39 17.02	27.50 2.12 12.45	28.53 1.91 10.07	30.37 1.55 5.97
NORTHPORT___3 23553	23.07 0.83 0.00	21.41 0.98 0.00	19.87 0.89 0.00	21.55 0.98 0.00	19.70 0.81 0.00	20.77 0.93 0.00	23.12 0.97 0.00	23.60 1.18 0.00	26.08 1.21 0.00	20.30 1.27 7.91	36.75 2.31 -3.47	40.72 2.89 -3.95	39.76 3.44 -0.77	39.85 3.29 0.75	39.77 3.20 1.51	40.01 3.38 7.71	39.10 3.63 9.52	27.56 3.32 17.39	27.59 2.78 14.81	27.59 2.70 16.58	27.53 2.52 17.12	27.63 2.23 12.43	28.61 2.05 10.14	30.42 1.60 5.98
NORTHPORT___4 23650	23.07 0.83 0.00	21.41 0.98 0.00	19.87 0.89 0.00	21.55 0.98 0.00	19.70 0.81 0.00	20.77 0.93 0.00	23.12 0.97 0.00	23.60 1.18 0.00	26.08 1.21 0.00	20.30 1.27 7.91	36.75 2.31 -3.47	40.72 2.89 -3.95	39.76 3.44 -0.77	39.85 3.29 0.75	39.77 3.20 1.51	40.01 3.38 7.71	39.10 3.63 9.52	27.56 3.32 17.39	27.59 2.78 14.81	27.59 2.70 16.58	27.53 2.52 17.12	27.63 2.23 12.43	28.61 2.05 10.14	30.42 1.60 5.98
NORTHPORT___IC 23718	23.11 0.88 0.00	21.45 1.02 0.00	19.92 0.94 0.00	21.61 1.04 0.00	19.73 0.84 0.00	20.80 0.96 0.00	23.16 1.01 0.00	23.66 1.24 0.00	26.13 1.26 0.00	20.28 1.24 7.90	36.82 2.38 -3.47	40.89 3.06 -3.95	39.84 3.51 -0.77	39.82 3.25 0.74	39.78 3.19 1.49	39.88 3.22 7.69	39.01 3.47 9.46	27.50 3.23 17.37	27.50 2.62 14.74	27.50 2.61 16.57	27.50 2.39 17.02	27.51 2.13 12.45	28.53 1.91 10.07	30.37 1.54 5.97
NORTH___COUNTRY_ESR 323785	22.37 0.14 0.00	20.48 0.05 0.00	19.13 0.16 0.00	20.76 0.18 0.00	19.16 0.27 0.00	20.12 0.27 0.00	22.51 0.36 0.00	22.59 0.18 0.00	25.02 0.15 0.00	27.16 0.22 0.00	31.07 0.10 0.00	33.78 -0.11 0.00	34.53 -1.03 0.00	36.12 -1.19 0.00	36.95 -1.12 0.00	43.22 -1.13 0.00	43.59 -1.41 0.00	40.47 -1.17 0.00	38.48 -1.14 0.00	40.21 -1.26 0.00	41.10 -1.02 0.00	37.19 -0.64 0.00	36.73 0.04 0.00	35.36 0.56 0.00
NPX_GEN_1385_PROXY 323591	23.13 0.90 0.00	21.44 1.02 0.00	20.07 1.09 0.00	21.81 1.23 0.00	19.77 0.88 0.00	20.85 1.00 0.00	23.21 1.06 0.00	23.65 1.24 0.00	26.02 1.15 0.00	20.29 1.25 7.90	36.39 2.10 -3.32	41.15 3.31 -3.95	39.86 3.53 -0.77	39.61 3.05 0.74	39.48 2.89 1.49	39.92 3.26 7.69	40.86 4.15 8.29	55.43 4.45 -9.34	29.27 3.41 13.75	54.06 3.83 -8.76	28.72 3.28 16.69	35.46 3.16 5.53	36.54 2.60 2.75	30.45 1.62 5.97
NPX_GEN_CSC 323557	23.12 0.89 0.00	21.43 1.00 0.00	19.90 0.93 0.00	21.64 1.07 0.00	19.74 0.85 0.00	20.83 0.99 0.00	23.18 1.04 0.00	23.68 1.26 0.00	26.25 1.38 0.00	28.43 1.48 0.00	36.94 2.65 -3.32	41.17 3.33 -3.95	41.15 3.95 -1.64	57.40 3.85 -16.24	41.90 3.82 0.00	48.23 3.88 0.00	49.21 4.21 0.00	45.48 3.84 0.00	42.78 3.17 0.00	44.50 3.03 0.00	41.93 2.82 3.01	36.49 2.36 3.70	38.80 2.11 0.00	36.42 1.62 0.00
NSINS_S_GLNS_FALLS 23858	24.36 2.13 0.00	22.20 1.77 0.00	20.43 1.45 0.00	22.14 1.56 0.00	20.25 1.36 0.00	21.19 1.34 0.00	23.62 1.48 0.00	23.94 1.53 0.00	26.31 1.44 0.00	28.20 1.26 0.00	32.56 1.23 -0.35	35.88 1.58 -0.41	37.73 2.02 -0.15	42.14 2.31 -2.53	40.67 2.60 0.00	47.31 2.96 0.00	48.81 3.80 0.00	45.19 3.55 0.00	43.16 3.55 0.00	45.28 3.81 0.00	45.97 3.84 0.00	41.08 3.25 0.00	39.67 2.98 0.00	37.10 2.31 0.00
NUCOR_STEEL___DRP 24197	22.64 0.41 0.00	20.66 0.23 0.00	19.21 0.24 0.00	20.85 0.27 0.00	19.07 0.18 0.00	20.11 0.26 0.00	22.43 0.28 0.00	22.68 0.26 0.00	25.11 0.23 0.00	27.22 0.28 0.00	31.46 0.49 0.00	34.39 0.50 0.00	36.24 0.68 0.00	38.08 0.76 -0.02	38.96 0.89 0.00	46.25 1.04 -0.86	46.91 1.01 -0.90	43.12 1.16 -0.31	40.83 1.15 -0.07	43.06 1.11 -0.48	43.40 0.93 -0.35	38.62 0.79 0.00	37.29 0.56 -0.04	35.29 0.47 -0.03
NUMBER_THREE_WT_PWR 323818	22.37 0.14 0.00	20.82 0.40 0.00	19.38 0.41 0.00	21.05 0.48 0.00	19.32 0.42 0.00	20.35 0.51 0.00	22.73 0.58 0.00	22.91 0.50 0.00	25.42 0.54 0.00	27.69 0.74 0.00	31.99 1.02 0.00	35.02 1.13 0.00	36.63 1.07 0.00	38.45 1.13 -0.01	39.04 0.96 0.00	45.72 0.99 -0.38	45.79 0.39 -0.40	42.27 0.49 -0.14	40.41 0.76 -0.03	42.93 1.25 -0.21	43.73 1.45 -0.16	38.86 1.02 0.00	37.81 1.10 -0.02	35.97 1.16 -0.01
NYISO_LBMP_REFERENCE 24008	22.23 0.00 0.00	20.43 0.00 0.00	18.98 0.00 0.00	20.57 0.00 0.00	18.89 0.00 0.00	19.84 0.00 0.00	22.15 0.00 0.00	22.42 0.00 0.00	24.87 0.00 0.00	26.94 0.00 0.00	30.97 0.00 0.00	33.89 0.00 0.00	35.56 0.00 0.00	37.30 0.00 0.00	38.08 0.00 0.00	44.35 0.00 0.00	45.00 0.00 0.00	41.64 0.00 0.00	39.62 0.00 0.00	41.47 0.00 0.00	42.13 0.00 0.00	37.83 0.00 0.00	36.70 0.00 0.00	34.80 0.00 0.00
NYPA_BRENTWD____GT 24164	23.46 1.23 0.00	21.73 1.31 0.00	20.15 1.18 0.00	21.86 1.29 0.00	19.97 1.08 0.00	21.07 1.23 0.00	23.46 1.31 0.00	24.01 1.59 0.00	26.58 1.71 0.00	28.75 1.81 0.00	37.46 3.02 -3.47	41.60 3.76 -3.95	41.53 4.33 -1.64	57.49 3.94 -16.24	41.81 3.74 0.00	48.29 3.94 0.00	49.27 4.27 0.00	45.57 3.92 0.00	42.93 3.31 0.00	44.82 3.35 0.00	42.42 3.27 2.97	37.10 2.91 3.64	39.36 2.67 0.00	37.08 2.28 0.00

NYPA_GOWANUS____GT5 24156	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.14 2.93 -2.24	39.88 3.39 -2.61	40.62 4.08 -0.98	57.63 4.03 -16.30	44.04 3.85 -2.11	49.71 4.36 -1.00	142.19 4.60 -92.59	59.91 4.16 -14.10	53.13 3.70 -9.81	49.77 3.79 -4.51	53.49 3.74 -7.62	44.33 3.38 -3.12	44.37 3.15 -4.53	100.02 2.64 -62.58
NYPA_GOWANUS____GT6 24157	23.65 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.04 0.00	21.06 1.22 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.14 2.93 -2.24	39.88 3.39 -2.61	40.62 4.08 -0.98	57.63 4.03 -16.30	44.04 3.85 -2.11	49.71 4.36 -1.00	142.19 4.60 -92.59	59.91 4.16 -14.10	53.13 3.70 -9.81	49.77 3.79 -4.51	53.49 3.74 -7.62	44.33 3.38 -3.12	44.37 3.15 -4.53	100.02 2.64 -62.58
NYPA_HARLEM__RVR__GT1 24160	23.51 1.28 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.89 2.68 -2.24	39.54 3.05 -2.61	40.27 3.73 -0.98	57.07 3.67 -16.10	41.64 3.56 0.00	48.48 4.14 0.01	49.45 4.46 0.01	45.69 4.04 0.00	43.20 3.59 0.00	45.17 3.70 -0.01	45.76 3.63 -0.01	41.16 3.33 0.00	39.77 3.08 0.00	37.31 2.51 0.00
NYPA_HARLEM__RVR__GT2 24161	23.51 1.28 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.89 2.68 -2.24	39.54 3.05 -2.61	40.27 3.73 -0.98	57.07 3.67 -16.10	41.64 3.56 0.00	48.48 4.14 0.01	49.45 4.46 0.01	45.69 4.04 0.00	43.20 3.59 0.00	45.17 3.70 -0.01	45.76 3.63 -0.01	41.16 3.33 0.00	39.77 3.08 0.00	37.31 2.51 0.00
NYPA_KENT____GT 24152	23.60 1.36 0.00	21.69 1.27 0.00	20.05 1.08 0.00	21.72 1.15 0.00	19.90 1.00 0.00	21.01 1.17 0.00	23.50 1.36 0.00	24.00 1.58 0.00	26.80 1.93 0.00	29.09 2.14 0.00	36.09 2.88 -2.24	39.82 3.32 -2.61	40.54 4.00 -0.98	57.44 3.93 -16.22	43.04 3.75 -1.21	49.10 4.24 -0.51	101.08 4.45 -51.63	53.33 4.04 -7.65	48.08 3.59 -4.87	47.02 3.69 -1.87	48.73 3.63 -2.98	42.93 3.30 -1.79	42.36 3.05 -2.61	73.36 2.54 -36.01
NYPA_POUCH1____GT 24155	23.62 1.38 0.00	21.71 1.28 0.00	20.06 1.08 0.00	21.74 1.16 0.00	19.92 1.02 0.00	21.03 1.19 0.00	23.52 1.37 0.00	23.98 1.57 0.00	26.77 1.90 0.00	29.03 2.09 0.00	36.03 2.82 -2.24	39.79 3.28 -2.61	40.53 3.99 -0.98	57.54 3.93 -16.30	43.93 3.75 -2.11	49.61 4.26 -1.00	142.11 4.51 -92.59	59.83 4.08 -14.10	53.05 3.62 -9.81	49.70 3.72 -4.51	53.44 3.69 -7.62	44.25 3.30 -3.12	44.27 3.05 -4.53	99.93 2.55 -62.58
NYPA_VERNON____GT2 24162	23.55 1.32 0.00	21.65 1.22 0.00	20.01 1.03 0.00	21.67 1.10 0.00	19.86 0.96 0.00	20.97 1.13 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.03 2.09 0.00	36.06 2.85 -2.24	39.75 3.26 -2.61	40.47 3.93 -0.98	57.29 3.86 -16.13	42.07 3.68 -0.32	48.51 4.14 -0.02	60.02 4.36 -10.66	46.79 3.95 -1.20	43.07 3.52 0.07	44.30 3.61 0.78	44.00 3.54 1.67	41.53 3.23 -0.47	40.37 2.99 -0.68	46.74 2.49 -9.45
NYPA_VERNON____GT3 24163	23.55 1.32 0.00	21.65 1.22 0.00	20.01 1.03 0.00	21.67 1.10 0.00	19.86 0.96 0.00	20.97 1.13 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.03 2.09 0.00	36.06 2.85 -2.24	39.75 3.26 -2.61	40.47 3.93 -0.98	57.29 3.86 -16.13	42.07 3.68 -0.32	48.51 4.14 -0.02	60.02 4.36 -10.66	46.79 3.95 -1.20	43.07 3.52 0.07	44.30 3.61 0.78	44.00 3.54 1.67	41.53 3.23 -0.47	40.37 2.99 -0.68	46.74 2.49 -9.45
NYPA____ASTORIA_CC1 323568	23.51 1.27 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.07 0.00	19.83 0.93 0.00	20.93 1.09 0.00	23.42 1.27 0.00	23.92 1.50 0.00	26.71 1.84 0.00	28.98 2.04 0.00	35.97 2.76 -2.24	39.66 3.17 -2.61	40.38 3.84 -0.98	57.16 3.76 -16.10	41.66 3.58 0.00	48.18 4.02 0.19	44.43 4.25 4.82	44.15 3.85 1.34	40.79 3.42 2.25	42.87 3.52 2.12	41.49 3.44 4.08	40.98 3.15 0.00	39.62 2.93 0.00	37.24 2.44 0.00
NYPA____ASTORIA_CC2 323569	23.51 1.27 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.64 1.07 0.00	19.83 0.93 0.00	20.93 1.09 0.00	23.42 1.27 0.00	23.92 1.50 0.00	26.71 1.84 0.00	28.98 2.04 0.00	35.97 2.76 -2.24	39.66 3.17 -2.61	40.38 3.84 -0.98	57.16 3.76 -16.10	41.66 3.58 0.00	48.18 4.02 0.19	44.43 4.25 4.82	44.15 3.85 1.34	40.79 3.42 2.25	42.87 3.52 2.12	41.49 3.44 4.08	40.98 3.15 0.00	39.62 2.93 0.00	37.24 2.44 0.00
NYPA____HOLTSVILL 23794	23.22 0.98 0.00	21.51 1.09 0.00	19.96 0.98 0.00	21.67 1.10 0.00	19.78 0.89 0.00	20.88 1.04 0.00	23.23 1.09 0.00	23.76 1.34 0.00	26.32 1.45 0.00	28.48 1.54 0.00	37.10 2.66 -3.47	41.20 3.36 -3.95	41.15 3.95 -1.64	57.33 3.78 -16.24	41.78 3.70 0.00	48.15 3.80 0.00	49.08 4.08 0.00	45.38 3.74 0.00	42.73 3.11 0.00	44.53 3.07 0.00	41.96 2.85 3.02	36.60 2.47 3.70	38.95 2.25 0.00	36.62 1.82 0.00
NYPA____HELLGATE_GT1 24158	23.51 1.28 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.89 2.68 -2.24	39.54 3.04 -2.61	40.27 3.73 -0.98	57.07 3.67 -16.10	41.64 3.56 0.00	48.48 4.14 0.01	49.45 4.46 0.01	45.69 4.04 0.00	43.20 3.59 0.00	45.17 3.70 -0.01	45.77 3.63 -0.01	41.16 3.33 0.00	39.77 3.08 0.00	37.31 2.51 0.00
NYPA____HELLGATE_GT2 24159	23.51 1.28 0.00	21.63 1.20 0.00	19.98 1.01 0.00	21.65 1.08 0.00	19.84 0.95 0.00	20.95 1.10 0.00	23.43 1.28 0.00	23.91 1.50 0.00	26.66 1.79 0.00	28.89 1.95 0.00	35.89 2.68 -2.24	39.54 3.04 -2.61	40.27 3.73 -0.98	57.07 3.67 -16.10	41.64 3.56 0.00	48.48 4.14 0.01	49.45 4.46 0.01	45.69 4.04 0.00	43.20 3.59 0.00	45.17 3.70 -0.01	45.77 3.63 -0.01	41.16 3.33 0.00	39.77 3.08 0.00	37.31 2.51 0.00
NYS_BARGE____HYD 23848	22.47 0.24 0.00	20.52 0.09 0.00	18.90 -0.08 0.00	20.39 -0.18 0.00	18.54 -0.35 0.00	19.69 -0.16 0.00	21.72 -0.43 0.00	21.82 -0.60 0.00	23.90 -0.97 0.00	25.85 -1.09 0.00	29.95 -1.02 0.00	32.67 -1.22 0.00	34.25 -1.31 0.00	36.12 -1.18 0.00	36.87 -1.21 0.00	42.53 -1.81 0.00	43.78 -1.22 0.00	40.09 -1.55 0.00	38.25 -1.37 0.00	39.71 -1.76 0.00	40.16 -1.97 0.00	36.27 -1.56 0.00	35.07 -1.62 0.00	33.66 -1.15 0.00
OAK ORCHARD____HYD 24046	22.63 0.39 0.00	20.69 0.26 0.00	19.10 0.12 0.00	20.65 0.08 0.00	18.85 -0.04 0.00	19.94 0.10 0.00	22.13 -0.02 0.00	22.36 -0.06 0.00	24.66 -0.21 0.00	26.77 -0.17 0.00	30.96 -0.01 0.00	33.80 -0.09 0.00	35.57 0.01 0.00	37.56 0.26 0.00	38.40 0.32 0.00	44.56 0.21 0.00	45.77 0.77 0.00	42.06 0.41 0.00	40.01 0.39 0.00	41.55 0.09 0.00	42.02 -0.10 0.00	37.78 -0.06 0.00	36.48 -0.22 0.00	34.72 -0.08 0.00

OAKDALE___35_KV_LOAD 356122	22.55 0.32 0.00	20.67 0.24 0.00	19.12 0.15 0.00	20.78 0.21 0.00	18.98 0.08 0.00	20.06 0.21 0.00	22.33 0.18 0.00	22.62 0.20 0.00	25.09 0.22 0.00	27.22 0.28 0.00	31.52 0.55 0.00	34.65 0.76 0.00	36.51 0.95 0.00	38.22 0.92 -0.01	39.05 0.98 0.00	45.71 1.01 -0.35	46.55 1.18 -0.37	42.65 0.88 -0.13	40.50 0.85 -0.03	42.51 0.84 -0.20	42.88 0.61 -0.14	38.48 0.65 0.00	37.14 0.43 -0.02	35.13 0.32 -0.01
OCC_CHEM___DRP 24175	22.01 -0.23 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.70 0.00	19.30 -0.54 0.00	21.30 -0.85 0.00	21.40 -1.02 0.00	23.47 -1.40 0.00	25.41 -1.53 0.00	29.41 -1.56 0.00	31.87 -2.02 0.00	33.37 -2.19 0.00	35.19 -2.11 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.24 -2.38 0.00	38.66 -2.81 0.00	39.13 -3.00 0.00	35.35 -2.49 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
OH_GEN_PROXY 24063	22.15 -0.08 0.00	20.24 -0.19 0.00	18.65 -0.33 0.00	20.14 -0.43 0.00	18.32 -0.57 0.00	19.43 -0.41 0.00	21.47 -0.68 0.00	21.58 -0.83 0.00	23.69 -1.18 0.00	25.65 -1.29 0.00	29.58 -1.24 0.15	32.42 -1.47 0.00	33.93 -1.62 0.00	35.79 -1.52 0.00	36.54 -1.53 0.00	42.19 -2.16 0.00	43.40 -1.60 0.00	39.75 -1.89 0.00	37.92 -1.69 0.00	39.36 -2.11 0.00	39.81 -2.31 0.00	35.97 -1.86 0.00	34.80 -1.89 0.00	33.40 -1.39 0.00
OLIN_CORP_DRP 24177	22.11 -0.12 0.00	20.20 -0.22 0.00	18.61 -0.37 0.00	20.09 -0.49 0.00	18.27 -0.62 0.00	19.39 -0.45 0.00	21.40 -0.75 0.00	21.50 -0.92 0.00	23.57 -1.30 0.00	25.52 -1.42 0.00	29.54 -1.43 0.00	32.19 -1.70 0.00	33.72 -1.84 0.00	35.56 -1.74 0.00	36.31 -1.77 0.00	41.91 -2.44 0.00	43.11 -1.90 0.00	39.49 -2.15 0.00	37.69 -1.92 0.00	39.12 -2.35 0.00	39.58 -2.54 0.00	35.75 -2.09 0.00	34.61 -2.09 0.00	33.25 -1.55 0.00
OLIN_CORP_DSASP 323712	22.02 -0.21 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.71 0.00	19.30 -0.54 0.00	21.30 -0.84 0.00	21.40 -1.02 0.00	23.45 -1.42 0.00	25.39 -1.55 0.00	29.43 -1.54 0.00	31.92 -1.97 0.00	33.38 -2.18 0.00	35.20 -2.10 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.23 -2.39 0.00	38.64 -2.83 0.00	39.10 -3.03 0.00	35.35 -2.48 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
ONEIDA_HERK_LFGE 323681	22.67 0.44 0.00	20.93 0.50 0.00	19.43 0.45 0.00	21.09 0.51 0.00	19.35 0.45 0.00	20.37 0.53 0.00	22.76 0.62 0.00	23.02 0.61 0.00	25.54 0.67 0.00	27.73 0.78 0.00	32.03 1.06 0.00	35.16 1.27 0.00	36.91 1.35 0.00	38.65 1.34 -0.01	39.39 1.32 0.00	45.98 1.42 -0.21	46.47 1.25 -0.22	43.00 1.28 -0.08	40.97 1.33 -0.02	43.18 1.60 -0.12	43.87 1.66 -0.08	39.15 1.32 0.00	37.95 1.24 -0.01	35.94 1.13 -0.01
ONEIDA___115KV_TB4 55905	22.91 0.67 0.00	21.05 0.62 0.00	19.51 0.53 0.00	21.16 0.59 0.00	19.39 0.50 0.00	20.45 0.61 0.00	22.84 0.69 0.00	23.13 0.72 0.00	25.64 0.77 0.00	27.79 0.85 0.00	32.15 1.17 0.00	35.40 1.51 0.00	37.23 1.67 0.00	38.95 1.64 -0.01	39.73 1.66 0.00	46.57 1.94 -0.29	47.24 1.94 -0.30	43.69 1.94 -0.10	41.50 1.87 -0.02	43.70 2.07 -0.16	44.26 2.02 -0.12	39.50 1.66 0.00	38.18 1.47 -0.01	36.06 1.25 -0.01
ONONDAGA_REF_OCCRA 23987	22.39 0.15 0.00	20.53 0.10 0.00	19.02 0.05 0.00	20.62 0.04 0.00	18.89 0.00 0.00	19.91 0.07 0.00	22.17 0.02 0.00	22.46 0.04 0.00	24.91 0.04 0.00	27.00 0.06 0.00	31.24 0.27 0.00	34.21 0.32 0.00	35.99 0.44 0.00	37.80 0.48 -0.02	38.67 0.59 0.00	45.65 0.68 -0.63	46.44 0.78 -0.66	42.59 0.72 -0.23	40.39 0.73 -0.05	42.52 0.70 -0.35	42.95 0.57 -0.25	38.27 0.44 0.00	36.97 0.25 -0.03	34.94 0.12 -0.02
ONONDAGA___COGEN 23986	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.98 0.04 0.00	31.18 0.21 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.63 0.62 -0.54	43.00 0.49 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03
ONTARIO___LFGE 23819	22.87 0.64 0.00	20.89 0.47 0.00	19.30 0.32 0.00	20.93 0.35 0.00	19.11 0.22 0.00	20.23 0.39 0.00	22.49 0.34 0.00	22.72 0.30 0.00	25.09 0.22 0.00	27.26 0.31 0.00	31.56 0.59 0.00	34.49 0.60 0.00	36.30 0.74 0.00	38.37 1.06 -0.01	39.36 1.28 0.00	45.99 1.33 -0.32	46.99 1.65 -0.33	43.19 1.44 -0.12	41.01 1.37 -0.03	42.86 1.21 -0.18	43.13 0.87 -0.13	38.57 0.74 0.00	37.14 0.43 -0.01	35.29 0.48 -0.01
ORANGEVILLE_WT_PWR 323706	22.64 0.41 0.00	20.70 0.27 0.00	19.09 0.11 0.00	20.67 0.09 0.00	18.78 -0.11 0.00	19.88 0.04 0.00	21.89 -0.25 0.00	21.92 -0.50 0.00	24.08 -0.79 0.00	26.26 -0.68 0.00	30.50 -0.47 0.00	33.35 -0.54 0.00	34.98 -0.58 0.00	36.82 -0.49 0.00	37.74 -0.34 0.00	43.60 -0.74 0.00	44.81 -0.18 0.00	41.14 -0.51 0.00	39.15 -0.46 0.00	40.72 -0.75 0.00	41.01 -1.11 0.00	36.89 -0.94 0.00	35.66 -1.04 0.00	34.03 -0.77 0.00
ORANGEVILLE___ESR 323794	22.64 0.41 0.00	20.70 0.27 0.00	19.09 0.11 0.00	20.67 0.09 0.00	18.78 -0.11 0.00	19.88 0.04 0.00	21.89 -0.25 0.00	21.92 -0.50 0.00	24.08 -0.79 0.00	26.26 -0.68 0.00	30.50 -0.47 0.00	33.35 -0.54 0.00	34.98 -0.58 0.00	36.82 -0.49 0.00	37.74 -0.34 0.00	43.60 -0.74 0.00	44.81 -0.18 0.00	41.14 -0.51 0.00	39.15 -0.46 0.00	40.72 -0.75 0.00	41.01 -1.11 0.00	36.89 -0.94 0.00	35.66 -1.04 0.00	34.03 -0.77 0.00
OSWEGATCHIE___HYD 24044	22.00 -0.23 0.00	20.36 -0.07 0.00	18.98 0.00 0.00	20.58 0.00 0.00	18.92 0.03 0.00	19.88 0.04 0.00	22.26 0.11 0.00	22.40 -0.02 0.00	24.85 -0.02 0.00	27.08 0.14 0.00	31.15 0.19 0.00	33.83 -0.06 0.00	35.24 -0.32 0.00	37.18 -0.13 -0.01	37.76 -0.32 0.00	44.25 -0.42 -0.32	44.32 -1.02 -0.34	41.03 -0.73 -0.12	39.27 -0.38 -0.03	41.57 -0.08 -0.18	42.35 0.09 -0.13	37.73 -0.10 0.00	36.81 0.10 -0.01	35.33 0.52 -0.01
OSWEGO___5 23606	21.89 -0.34 0.00	20.10 -0.32 0.00	18.65 -0.32 0.00	20.21 -0.36 0.00	18.53 -0.36 0.00	19.51 -0.33 0.00	21.72 -0.42 0.00	21.99 -0.43 0.00	24.35 -0.52 0.00	26.40 -0.55 0.00	30.45 -0.52 0.00	33.34 -0.54 0.00	35.05 -0.51 0.00	36.89 -0.51 -0.10	37.60 -0.48 0.00	47.77 -0.61 -4.04	48.72 -0.51 -4.23	42.61 -0.51 -1.48	39.48 -0.46 -0.32	43.21 -0.53 -2.27	43.14 -0.63 -1.64	37.27 -0.59 -0.02	36.21 -0.66 -0.17	34.25 -0.68 -0.13
OSWEGO___6 23613	21.89 -0.34 0.00	20.10 -0.32 0.00	18.65 -0.32 0.00	20.21 -0.36 0.00	18.53 -0.36 0.00	19.51 -0.33 0.00	21.72 -0.42 0.00	21.99 -0.43 0.00	24.35 -0.52 0.00	26.40 -0.55 0.00	30.45 -0.52 0.00	33.34 -0.54 0.00	35.05 -0.51 0.00	36.89 -0.51 -0.10	37.60 -0.48 0.00	47.77 -0.61 -4.04	48.72 -0.51 -4.23	42.61 -0.51 -1.48	39.48 -0.46 -0.32	43.21 -0.53 -2.27	43.14 -0.63 -1.64	37.27 -0.59 -0.02	36.21 -0.66 -0.17	34.25 -0.68 -0.13

OUTOKUMPU-AB___DRP 24206	22.61 0.38 0.00	20.65 0.22 0.00	19.00 0.02 0.00	20.52 -0.06 0.00	18.64 -0.25 0.00	19.80 -0.04 0.00	21.85 -0.30 0.00	21.97 -0.44 0.00	24.14 -0.73 0.00	26.18 -0.76 0.00	30.35 -0.62 0.00	33.07 -0.82 0.00	34.65 -0.91 0.00	36.47 -0.83 0.00	37.23 -0.84 0.00	42.95 -1.40 0.00	44.05 -0.95 0.00	40.32 -1.32 0.00	38.45 -1.16 0.00	40.00 -1.47 0.00	40.45 -1.67 0.00	36.52 -1.31 0.00	35.31 -1.39 0.00	33.98 -0.82 0.00
OXBOW___BTM 323836	22.35 0.11 0.00	20.40 -0.03 0.00	18.78 -0.19 0.00	20.27 -0.30 0.00	18.43 -0.47 0.00	19.56 -0.28 0.00	21.59 -0.56 0.00	21.71 -0.71 0.00	23.82 -1.05 0.00	25.81 -1.13 0.00	29.93 -1.04 0.00	32.58 -1.31 0.00	34.09 -1.47 0.00	35.93 -1.37 0.00	36.67 -1.41 0.00	42.31 -2.04 0.00	43.22 -1.78 0.00	39.57 -2.07 0.00	37.76 -1.86 0.00	39.32 -2.15 0.00	39.83 -2.30 0.00	35.99 -1.84 0.00	34.83 -1.86 0.00	33.57 -1.23 0.00
OXBOW___ 24026	22.33 0.10 0.00	20.40 -0.03 0.00	18.78 -0.19 0.00	20.27 -0.30 0.00	18.43 -0.47 0.00	19.56 -0.28 0.00	21.59 -0.56 0.00	21.71 -0.71 0.00	23.84 -1.03 0.00	25.83 -1.11 0.00	29.92 -1.05 0.00	32.53 -1.36 0.00	34.07 -1.49 0.00	35.91 -1.39 0.00	36.67 -1.41 0.00	42.29 -2.06 0.00	43.23 -1.77 0.00	39.57 -2.07 0.00	37.75 -1.86 0.00	39.34 -2.13 0.00	39.86 -2.26 0.00	35.99 -1.84 0.00	34.83 -1.86 0.00	33.57 -1.23 0.00
OXY_CHEM_DSASP 323612	22.01 -0.23 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.70 0.00	19.30 -0.54 0.00	21.30 -0.85 0.00	21.40 -1.02 0.00	23.47 -1.40 0.00	25.41 -1.53 0.00	29.41 -1.56 0.00	31.87 -2.02 0.00	33.37 -2.19 0.00	35.19 -2.11 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.24 -2.38 0.00	38.66 -2.81 0.00	39.13 -3.00 0.00	35.35 -2.49 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
OZONE_PARK_ESR 323760	23.83 1.60 0.00	21.88 1.46 0.00	20.22 1.24 0.00	21.92 1.34 0.00	20.07 1.18 0.00	21.20 1.36 0.00	23.70 1.55 0.00	24.21 1.79 0.00	27.05 2.18 0.00	29.36 2.42 0.00	36.44 3.23 -2.24	40.24 3.75 -2.61	40.99 4.45 -0.98	57.87 4.47 -16.10	42.42 4.34 0.00	49.29 4.94 0.00	50.16 5.16 0.00	46.32 4.68 0.00	43.83 4.22 0.00	45.84 4.37 0.00	46.42 4.29 0.00	41.76 3.93 0.00	40.33 3.63 0.00	37.83 3.03 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.01 -0.23 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.70 0.00	19.30 -0.54 0.00	21.30 -0.85 0.00	21.40 -1.02 0.00	23.47 -1.40 0.00	25.41 -1.53 0.00	29.41 -1.56 0.00	31.87 -2.02 0.00	33.37 -2.19 0.00	35.19 -2.11 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.24 -2.38 0.00	38.66 -2.81 0.00	39.13 -3.00 0.00	35.35 -2.49 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
PACKARD___115KV_DUPONT_184 80571	22.01 -0.23 0.00	20.11 -0.31 0.00	18.53 -0.45 0.00	20.00 -0.57 0.00	18.19 -0.70 0.00	19.30 -0.54 0.00	21.30 -0.85 0.00	21.40 -1.02 0.00	23.47 -1.40 0.00	25.41 -1.53 0.00	29.41 -1.56 0.00	31.87 -2.02 0.00	33.37 -2.19 0.00	35.19 -2.11 0.00	35.92 -2.15 0.00	41.44 -2.91 0.00	42.58 -2.42 0.00	39.01 -2.63 0.00	37.24 -2.38 0.00	38.66 -2.81 0.00	39.13 -3.00 0.00	35.35 -2.49 0.00	34.26 -2.43 0.00	33.08 -1.72 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.51 1.28 0.00	21.62 1.19 0.00	19.99 1.01 0.00	21.66 1.09 0.00	19.85 0.95 0.00	20.95 1.11 0.00	23.43 1.28 0.00	23.90 1.49 0.00	26.65 1.78 0.00	28.88 1.94 0.00	35.85 2.64 -2.24	39.56 3.06 -2.61	40.25 3.71 -0.98	57.02 3.62 -16.10	41.60 3.53 0.00	48.42 4.08 0.01	49.42 4.43 0.01	45.65 4.01 0.00	43.20 3.58 0.00	45.16 3.68 -0.01	45.74 3.61 -0.01	41.12 3.28 0.00	39.72 3.02 0.00	37.28 2.48 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.67 1.44 0.00	21.79 1.36 0.00	20.13 1.16 0.00	21.81 1.24 0.00	19.97 1.08 0.00	21.07 1.22 0.00	23.60 1.45 0.00	24.08 1.66 0.00	26.86 1.99 0.00	29.10 2.16 0.00	36.06 2.85 -2.24	39.83 3.33 -2.61	40.43 3.89 -0.98	57.24 3.84 -16.10	41.81 3.73 0.00	48.68 4.33 0.01	49.87 4.88 0.01	46.05 4.41 0.00	43.62 4.00 0.00	45.57 4.10 -0.01	46.16 4.03 -0.01	41.50 3.67 0.00	39.96 3.27 0.00	37.61 2.81 0.00
PATROON___115KV_TB1 80586	22.74 0.51 0.00	20.86 0.43 0.00	19.33 0.35 0.00	21.05 0.48 0.00	19.31 0.42 0.00	20.27 0.43 0.00	22.62 0.47 0.00	22.97 0.55 0.00	25.51 0.64 0.00	27.54 0.59 0.00	32.13 0.80 -0.36	35.28 0.96 -0.42	36.97 1.25 -0.16	41.22 1.30 -2.62	39.40 1.33 0.00	45.84 1.50 0.00	46.62 1.62 0.00	43.15 1.51 0.00	41.00 1.38 0.00	42.91 1.44 0.00	43.60 1.47 0.00	39.07 1.24 0.00	37.72 1.03 0.00	35.52 0.72 0.00
PATTRSNVILLE___SOLAR 323815	23.18 0.94 0.00	21.27 0.84 0.00	19.70 0.73 0.00	21.38 0.80 0.00	19.60 0.71 0.00	20.63 0.79 0.00	23.02 0.88 0.00	23.22 0.80 0.00	25.61 0.74 0.00	27.56 0.62 0.00	31.73 0.77 0.00	34.89 1.00 0.00	36.99 1.43 0.00	38.68 1.38 0.00	39.81 1.73 0.00	46.15 1.80 0.00	47.21 2.21 0.00	43.74 2.10 0.00	41.45 1.84 0.00	43.60 2.13 0.00	44.34 2.21 0.00	39.75 1.92 0.00	38.43 1.74 0.00	36.24 1.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.73 0.50 0.00	20.76 0.33 0.00	19.12 0.14 0.00	20.68 0.10 0.00	18.77 -0.12 0.00	19.92 0.08 0.00	22.01 -0.13 0.00	22.18 -0.24 0.00	24.44 -0.42 0.00	26.56 -0.38 0.00	30.79 -0.17 0.00	33.70 -0.18 0.00	35.41 -0.15 0.00	37.14 -0.16 0.00	37.97 -0.11 0.00	43.87 -0.48 0.00	45.04 0.04 0.00	41.18 -0.46 0.00	39.29 -0.33 0.00	40.80 -0.66 0.00	41.19 -0.93 0.00	37.22 -0.61 0.00	35.94 -0.75 0.00	34.34 -0.46 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.61 1.38 0.00	21.66 1.24 0.00	20.01 1.03 0.00	21.69 1.11 0.00	19.87 0.97 0.00	20.97 1.13 0.00	23.45 1.31 0.00	23.94 1.52 0.00	26.72 1.85 0.00	28.96 2.02 0.00	34.44 2.74 -0.73	37.97 3.23 -0.84	39.79 3.91 -0.32	46.41 4.01 -5.10	42.01 3.94 0.00	48.93 4.58 0.00	49.76 4.76 0.00	46.02 4.38 0.00	43.58 3.97 0.00	45.55 4.08 0.00	46.09 3.97 0.00	41.34 3.50 0.00	39.82 3.13 0.00	37.31 2.51 0.00
PEEKSKILL___ 23653	23.32 1.09 0.00	21.43 1.01 0.00	19.83 0.84 0.00	21.50 0.93 0.00	19.69 0.79 0.00	20.78 0.94 0.00	23.21 1.06 0.00	23.67 1.25 0.00	26.42 1.55 0.00	28.63 1.69 0.00	35.93 2.33 -2.63	39.67 2.72 -3.06	40.05 3.34 -1.15	59.51 3.31 -18.89	41.26 3.19 0.00	47.99 3.65 0.00	48.84 3.84 0.00	45.17 3.53 0.00	42.78 3.16 0.00	44.74 3.28 0.00	45.33 3.21 0.00	40.72 2.89 0.00	39.30 2.61 0.00	36.87 2.07 0.00
PGE MADISON___WINDPWR 24146	23.91 1.67 0.00	21.89 1.47 0.00	20.31 1.33 0.00	22.04 1.47 0.00	20.18 1.28 0.00	21.48 1.64 0.00	24.06 1.91 0.00	24.43 2.01 0.00	26.93 2.06 0.00	29.05 2.10 0.00	33.60 2.63 0.00	36.96 3.07 0.00	38.48 2.92 0.00	40.50 3.19 -0.01	41.39 3.32 0.00	49.13 4.40 -0.38	49.30 3.90 -0.40	45.27 3.49 -0.14	43.47 3.82 -0.03	45.33 3.65 -0.21	46.02 3.74 -0.15	41.61 3.78 0.00	40.24 3.53 -0.02	37.95 3.13 -0.01

PIERCEFIELD___HYD 23852	21.73 -0.50 0.00	20.01 -0.42 0.00	18.69 -0.29 0.00	20.23 -0.34 0.00	18.65 -0.24 0.00	19.54 -0.30 0.00	21.92 -0.22 0.00	22.00 -0.41 0.00	24.40 -0.47 0.00	26.60 -0.34 0.00	30.37 -0.59 0.00	32.47 -1.42 0.00	33.42 -2.14 0.00	35.36 -1.95 0.00	36.02 -2.05 0.00	42.19 -2.32 -0.17	42.32 -2.86 -0.17	39.26 -2.44 -0.06	37.49 -2.13 -0.01	39.45 -2.11 -0.09	40.23 -1.97 -0.07	36.09 -1.74 0.00	35.51 -1.19 -0.01	34.76 -0.04 0.00
PINELAWN_CC_1 323563	23.29 1.06 0.00	21.52 1.10 0.00	19.96 0.98 0.00	21.63 1.06 0.00	19.77 0.88 0.00	20.87 1.03 0.00	23.26 1.11 0.00	23.79 1.38 0.00	26.41 1.54 0.00	28.61 1.67 0.00	37.22 2.77 -3.47	41.18 3.34 -3.95	41.01 3.81 -1.64	57.20 3.66 -16.24	41.61 3.54 0.00	48.12 3.77 0.00	49.11 4.11 0.00	45.43 3.79 0.00	42.83 3.21 0.00	44.59 3.13 0.00	42.29 2.93 2.76	37.06 2.61 3.39	39.31 2.61 0.00	37.23 2.43 0.00
PJM_GEN_HTTP_PROXY 323702	23.47 1.24 0.00	21.57 1.15 0.00	19.94 0.96 0.00	21.62 1.05 0.00	19.80 0.91 0.00	20.91 1.07 0.00	23.37 1.23 0.00	23.86 1.45 0.00	26.30 1.79 0.36	28.93 1.98 -0.02	35.93 2.72 -2.24	39.66 3.16 -2.61	40.35 3.82 -0.98	57.22 3.82 -16.11	42.20 3.69 -0.43	48.52 4.17 0.00	49.35 4.35 0.00	45.58 3.94 0.00	43.13 3.51 0.00	45.12 3.65 0.00	45.65 3.53 0.00	41.04 3.21 0.00	39.64 2.94 0.00	37.19 2.39 0.00
PJM_GEN_KEystone 24065	23.95 0.51 -1.21	20.88 0.45 0.00	19.29 0.31 0.00	20.94 0.37 0.00	19.09 0.20 0.00	20.21 0.37 0.00	22.48 0.33 0.00	22.81 0.40 0.00	25.00 0.49 0.36	27.53 0.57 -0.02	28.42 0.99 3.55	30.99 1.22 4.13	35.60 1.59 1.55	13.31 1.51 25.51	39.96 1.45 -0.43	45.79 1.44 0.00	46.74 1.74 0.00	43.02 1.38 0.00	40.88 1.26 0.00	42.65 1.18 0.00	43.11 0.98 0.00	38.91 1.07 0.00	37.56 0.86 0.00	57.43 0.67 -21.96
PJM_GEN_NEPTUNE_PROXY 323594	23.28 1.05 0.00	21.50 1.07 0.00	19.93 0.95 0.00	21.60 1.03 0.00	19.77 0.87 0.00	20.85 1.01 0.00	23.25 1.10 0.00	23.75 1.33 0.00	26.03 1.52 0.36	28.61 1.66 -0.02	36.80 2.64 -3.19	40.44 3.22 -3.34	40.68 3.78 -1.34	57.18 3.64 -16.24	42.03 3.52 -0.43	48.14 3.79 0.00	49.03 4.03 0.00	45.32 3.68 0.00	42.76 3.14 0.00	44.60 3.13 0.00	41.95 2.99 3.17	36.65 2.70 3.89	39.23 2.53 0.00	36.88 2.08 0.00
PJM_GEN_VFT_PROXY 323633	23.40 1.17 0.00	21.52 1.09 0.00	19.91 0.93 0.00	21.58 1.01 0.00	19.76 0.87 0.00	20.88 1.04 0.00	23.30 1.16 0.00	23.79 1.37 0.00	26.21 1.70 0.36	28.84 1.89 -0.02	35.79 2.58 -2.24	39.51 3.02 -2.61	40.22 3.68 -0.98	57.04 3.64 -16.10	42.06 3.54 -0.43	48.30 3.96 0.00	49.10 4.10 0.00	45.39 3.76 0.00	43.00 3.39 0.00	44.98 3.51 0.00	45.51 3.38 0.00	40.98 3.15 0.00	39.60 2.90 0.00	37.13 2.34 0.00
PLATSBURG_115KV_PMLD1 355749	23.13 0.89 0.00	21.08 0.65 0.00	19.61 0.64 0.00	21.35 0.78 0.00	19.71 0.81 0.00	20.76 0.92 0.00	23.15 1.00 0.00	23.22 0.81 0.00	25.69 0.82 0.00	27.79 0.85 0.00	32.02 1.05 0.00	34.82 0.93 0.00	35.32 -0.24 0.00	36.66 -0.64 0.00	37.43 -0.65 0.00	43.71 -0.64 0.00	44.09 -0.91 0.00	40.97 -0.67 0.00	38.94 -0.68 0.00	40.76 -0.71 0.00	41.52 -0.61 0.00	37.77 -0.06 0.00	37.72 1.02 0.00	36.30 1.49 0.00
PLEASANTVLY___LBMP 24000	23.21 0.97 0.00	21.32 0.89 0.00	19.69 0.71 0.00	21.37 0.79 0.00	19.58 0.69 0.00	20.65 0.81 0.00	23.09 0.94 0.00	23.53 1.12 0.00	26.22 1.35 0.00	28.37 1.43 0.00	33.90 1.97 -0.95	37.32 2.32 -1.11	38.82 2.84 -0.42	46.98 2.83 -6.84	40.82 2.74 0.00	47.49 3.14 0.00	48.33 3.33 0.00	44.70 3.06 0.00	42.39 2.77 0.00	44.34 2.88 0.00	44.95 2.82 0.00	40.33 2.50 0.00	38.91 2.22 0.00	36.53 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.41 1.18 0.00	21.50 1.08 0.00	19.88 0.90 0.00	21.56 0.99 0.00	19.74 0.85 0.00	20.82 0.98 0.00	23.29 1.14 0.00	23.76 1.34 0.00	26.50 1.63 0.00	28.72 1.78 0.00	35.14 2.45 -1.72	38.77 2.87 -2.01	39.79 3.48 -0.76	53.15 3.47 -12.38	41.46 3.38 0.00	48.21 3.87 0.00	49.06 4.06 0.00	45.36 3.72 0.00	42.95 3.33 0.00	44.91 3.45 0.00	45.50 3.37 0.00	40.84 3.01 0.00	39.42 2.72 0.00	36.98 2.18 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.41 1.18 0.00	21.50 1.08 0.00	19.88 0.90 0.00	21.56 0.99 0.00	19.74 0.85 0.00	20.82 0.98 0.00	23.29 1.14 0.00	23.76 1.34 0.00	26.50 1.63 0.00	28.72 1.78 0.00	35.14 2.45 -1.72	38.77 2.87 -2.01	39.79 3.48 -0.76	53.15 3.47 -12.38	41.46 3.38 0.00	48.21 3.87 0.00	49.06 4.06 0.00	45.36 3.72 0.00	42.95 3.33 0.00	44.91 3.45 0.00	45.50 3.37 0.00	40.84 3.01 0.00	39.42 2.72 0.00	36.98 2.18 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.45 1.22 0.00	21.52 1.10 0.00	19.86 0.88 0.00	21.53 0.96 0.00	19.73 0.84 0.00	20.82 0.98 0.00	23.29 1.14 0.00	23.74 1.32 0.00	26.47 1.60 0.00	28.66 1.72 0.00	33.66 2.29 -0.40	37.08 2.72 -0.47	39.07 3.33 -0.18	43.68 3.40 -2.97	41.41 3.33 0.00	48.27 3.92 0.00	49.17 4.17 0.00	45.50 3.86 0.00	43.16 3.54 0.00	45.11 3.64 0.00	45.67 3.54 0.00	40.93 3.10 0.00	39.43 2.74 0.00	36.96 2.16 0.00
POLETTI_____ 23519	23.48 1.24 0.00	21.57 1.15 0.00	19.94 0.96 0.00	21.62 1.04 0.00	19.79 0.90 0.00	20.91 1.07 0.00	23.37 1.22 0.00	23.86 1.45 0.00	26.65 1.78 0.00	28.91 1.97 0.00	35.91 2.70 -2.24	39.64 3.15 -2.61	40.35 3.82 -0.98	57.18 3.78 -16.10	41.73 3.65 0.00	48.47 4.12 0.00	49.31 4.31 0.00	45.55 3.91 0.00	43.11 3.49 0.00	45.08 3.61 0.00	45.62 3.49 0.00	41.03 3.20 0.00	39.64 2.95 0.00	37.19 2.39 0.00
POMONA___ESR 323819	23.32 1.09 0.00	21.43 1.01 0.00	19.84 0.86 0.00	21.52 0.95 0.00	19.70 0.80 0.00	20.79 0.95 0.00	23.19 1.04 0.00	23.63 1.21 0.00	26.42 1.55 0.00	28.65 1.71 0.00	30.00 2.36 3.33	32.78 2.77 3.87	37.51 3.41 1.46	16.73 3.36 23.93	41.30 3.22 0.00	48.06 3.71 0.00	48.95 3.95 0.00	45.27 3.63 0.00	42.86 3.24 0.00	44.85 3.38 0.00	45.48 3.35 0.00	40.83 3.00 0.00	39.39 2.70 0.00	36.92 2.11 0.00
PORT_JEFF_3 23555	23.23 0.99 0.00	21.51 1.09 0.00	19.95 0.97 0.00	21.65 1.08 0.00	19.77 0.88 0.00	20.86 1.02 0.00	23.23 1.08 0.00	23.76 1.34 0.00	26.34 1.47 0.00	28.51 1.57 0.00	37.19 2.75 -3.47	41.29 3.46 -3.95	41.22 4.02 -1.64	57.34 3.79 -16.24	41.77 3.70 0.00	47.97 3.62 0.00	48.81 3.81 0.00	45.13 3.50 0.00	42.50 2.89 0.00	44.27 2.81 0.00	41.70 2.59 3.01	36.35 2.21 3.69	38.84 2.14 0.00	36.58 1.78 0.00
PORT_JEFF_4 23616	23.23 0.99 0.00	21.51 1.09 0.00	19.95 0.97 0.00	21.65 1.08 0.00	19.77 0.88 0.00	20.86 1.02 0.00	23.23 1.08 0.00	23.76 1.34 0.00	26.34 1.47 0.00	28.51 1.57 0.00	37.19 2.75 -3.47	41.29 3.46 -3.95	41.22 4.02 -1.64	57.34 3.79 -16.24	41.77 3.70 0.00	47.97 3.62 0.00	48.81 3.81 0.00	45.13 3.50 0.00	42.50 2.89 0.00	44.27 2.81 0.00	41.70 2.59 3.01	36.35 2.21 3.69	38.84 2.14 0.00	36.58 1.78 0.00

PORT_JEFF_IC 23713	23.28 1.05 0.00	21.55 1.13 0.00	19.99 1.01 0.00	21.69 1.12 0.00	19.81 0.91 0.00	20.90 1.06 0.00	23.27 1.12 0.00	23.81 1.39 0.00	26.38 1.52 0.00	28.58 1.64 0.00	37.27 2.83 -3.47	41.43 3.59 -3.95	41.35 4.15 -1.64	57.44 3.90 -16.24	41.90 3.83 0.00	48.16 3.81 0.00	48.95 3.95 0.00	45.26 3.62 0.00	42.62 3.00 0.00	44.39 2.93 0.00	41.79 2.67 3.00	36.45 2.30 3.68	39.01 2.32 0.00	36.70 1.90 0.00
PPL PILGRIM_ST_GT1 24216	23.46 1.23 0.00	21.73 1.31 0.00	20.15 1.18 0.00	21.86 1.29 0.00	19.97 1.08 0.00	21.07 1.23 0.00	23.46 1.31 0.00	24.01 1.59 0.00	26.58 1.71 0.00	28.75 1.81 0.00	37.46 3.02 -3.47	41.60 3.76 -3.95	41.53 4.33 -1.64	57.49 3.94 -16.24	41.81 3.74 0.00	48.29 3.94 0.00	49.27 4.27 0.00	45.57 3.92 0.00	42.93 3.31 0.00	44.82 3.35 0.00	42.42 3.27 2.97	37.10 2.91 3.64	39.36 2.67 0.00	37.08 2.28 0.00
PPL PILGRIM_ST_GT2 24217	23.46 1.23 0.00	21.73 1.31 0.00	20.15 1.18 0.00	21.86 1.29 0.00	19.97 1.08 0.00	21.07 1.23 0.00	23.46 1.31 0.00	24.01 1.59 0.00	26.58 1.71 0.00	28.75 1.81 0.00	37.46 3.02 -3.47	41.60 3.76 -3.95	41.53 4.33 -1.64	57.49 3.94 -16.24	41.81 3.74 0.00	48.29 3.94 0.00	49.27 4.27 0.00	45.57 3.92 0.00	42.93 3.31 0.00	44.82 3.35 0.00	42.42 3.27 2.97	37.10 2.91 3.64	39.36 2.67 0.00	37.08 2.28 0.00
PPL_SHRM_GT3 24213	23.14 0.91 0.00	21.43 1.00 0.00	19.92 0.94 0.00	21.65 1.08 0.00	19.76 0.86 0.00	20.84 1.00 0.00	23.19 1.04 0.00	23.68 1.27 0.00	26.25 1.38 0.00	28.42 1.48 0.00	37.07 2.63 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.42 3.87 -16.24	41.96 3.89 0.00	48.29 3.94 0.00	49.26 4.26 0.00	45.55 3.91 0.00	42.86 3.24 0.00	44.56 3.10 0.00	42.01 2.89 3.01	36.56 2.41 3.69	38.83 2.13 0.00	36.44 1.65 0.00
PPL_SHRM_GT4 24214	23.14 0.91 0.00	21.43 1.00 0.00	19.92 0.94 0.00	21.65 1.08 0.00	19.76 0.86 0.00	20.84 1.00 0.00	23.19 1.04 0.00	23.68 1.27 0.00	26.25 1.38 0.00	28.42 1.48 0.00	37.07 2.63 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.42 3.87 -16.24	41.96 3.89 0.00	48.29 3.94 0.00	49.26 4.26 0.00	45.55 3.91 0.00	42.86 3.24 0.00	44.56 3.10 0.00	42.01 2.89 3.01	36.56 2.41 3.69	38.83 2.13 0.00	36.44 1.65 0.00
PROJECT___ORANGE 1 24174	22.24 0.01 0.00	20.41 -0.02 0.00	18.91 -0.07 0.00	20.50 -0.08 0.00	18.78 -0.11 0.00	19.80 -0.05 0.00	22.04 -0.11 0.00	22.32 -0.10 0.00	24.75 -0.12 0.00	26.84 -0.10 0.00	31.05 0.08 0.00	34.01 0.12 0.00	35.78 0.22 0.00	37.59 0.28 -0.01	38.43 0.35 0.00	45.24 0.37 -0.52	46.07 0.52 -0.55	42.27 0.44 -0.19	40.09 0.42 -0.04	42.14 0.38 -0.29	42.58 0.24 -0.21	37.98 0.14 0.00	36.70 -0.02 -0.02	34.69 -0.13 -0.02
PROJECT___ORANGE 2 24166	22.24 0.01 0.00	20.41 -0.02 0.00	18.91 -0.07 0.00	20.50 -0.08 0.00	18.78 -0.11 0.00	19.80 -0.05 0.00	22.04 -0.11 0.00	22.32 -0.10 0.00	24.75 -0.12 0.00	26.84 -0.10 0.00	31.05 0.08 0.00	34.01 0.12 0.00	35.78 0.22 0.00	37.59 0.28 -0.01	38.43 0.35 0.00	45.24 0.37 -0.52	46.07 0.52 -0.55	42.27 0.44 -0.19	40.09 0.42 -0.04	42.14 0.38 -0.29	42.58 0.24 -0.21	37.98 0.14 0.00	36.70 -0.02 -0.02	34.69 -0.13 -0.02
PUCKETT___SOLAR 323809	22.80 0.57 0.00	20.89 0.46 0.00	19.36 0.38 0.00	21.04 0.47 0.00	19.25 0.36 0.00	20.39 0.55 0.00	22.74 0.60 0.00	23.04 0.62 0.00	25.48 0.61 0.00	27.55 0.60 0.00	31.84 0.87 0.00	35.06 1.17 0.00	36.74 1.19 0.00	38.49 1.18 -0.01	39.42 1.34 0.00	46.50 1.80 -0.35	47.29 1.92 -0.37	43.38 1.62 -0.13	41.26 1.61 -0.03	43.20 1.54 -0.19	43.64 1.37 -0.14	39.25 1.42 0.00	37.90 1.19 -0.02	35.81 0.99 -0.01
PYRITES___HYD 24023	22.23 0.00 0.00	20.46 0.03 0.00	19.10 0.13 0.00	20.67 0.09 0.00	19.05 0.16 0.00	19.97 0.13 0.00	22.43 0.28 0.00	22.49 0.07 0.00	24.94 0.07 0.00	27.21 0.27 0.00	31.08 0.11 0.00	33.09 -0.80 0.00	34.02 -1.54 0.00	36.20 -1.10 0.00	36.85 -1.23 0.00	43.16 -1.34 -0.15	43.01 -2.15 -0.16	40.05 -1.65 -0.05	38.38 -1.26 -0.01	40.36 -1.19 -0.09	41.15 -1.04 -0.06	36.92 -0.91 0.00	36.23 -0.48 -0.01	35.38 0.58 0.00
QUAKERRD_115KV_BK1 80622	22.11 -0.12 0.00	20.23 -0.19 0.00	18.69 -0.29 0.00	20.22 -0.36 0.00	18.48 -0.42 0.00	19.53 -0.31 0.00	21.69 -0.46 0.00	21.93 -0.48 0.00	24.22 -0.65 0.00	26.29 -0.65 0.00	30.38 -0.59 0.00	33.19 -0.70 0.00	34.97 -0.59 0.00	36.86 -0.44 0.00	37.70 -0.38 0.00	43.81 -0.54 0.00	44.90 -0.10 0.00	41.31 -0.33 0.00	39.29 -0.32 0.00	40.86 -0.60 0.00	41.34 -0.79 0.00	37.12 -0.71 0.00	35.83 -0.87 0.00	34.06 -0.74 0.00
QUENSBRY_115KV_TB8 356137	24.43 2.20 0.00	22.25 1.82 0.00	20.45 1.47 0.00	22.16 1.58 0.00	20.28 1.38 0.00	21.21 1.37 0.00	23.65 1.50 0.00	23.97 1.55 0.00	26.32 1.45 0.00	28.20 1.25 0.00	32.52 1.20 -0.35	35.85 1.55 -0.41	37.73 2.02 -0.15	42.14 2.32 -2.52	40.73 2.65 0.00	47.40 3.05 0.00	48.93 3.93 0.00	45.30 3.66 0.00	43.31 3.70 0.00	45.41 3.94 0.00	46.08 3.95 0.00	41.17 3.34 0.00	39.76 3.06 0.00	37.16 2.36 0.00
RAMAPO___LBMP 323565	23.23 1.00 0.00	21.35 0.92 0.00	19.76 0.79 0.00	21.44 0.86 0.00	19.62 0.73 0.00	20.71 0.87 0.00	23.12 0.97 0.00	23.55 1.13 0.00	26.30 1.43 0.00	28.51 1.56 0.00	29.94 2.17 3.20	32.72 2.55 3.72	37.31 3.15 1.40	17.40 3.09 22.99	41.04 2.96 0.00	47.72 3.38 0.00	48.58 3.58 0.00	44.95 3.31 0.00	42.57 2.95 0.00	44.53 3.06 0.00	45.14 3.01 0.00	40.56 2.73 0.00	39.15 2.46 0.00	36.72 1.92 0.00
RANKINE____ 23646	22.73 0.49 0.00	20.75 0.32 0.00	19.10 0.13 0.00	20.64 0.07 0.00	18.73 -0.16 0.00	19.88 0.03 0.00	21.95 -0.20 0.00	22.08 -0.34 0.00	24.31 -0.56 0.00	26.40 -0.54 0.00	30.63 -0.34 0.00	33.49 -0.40 0.00	35.13 -0.43 0.00	36.95 -0.35 0.00	37.80 -0.28 0.00	43.65 -0.69 0.00	44.88 -0.12 0.00	41.05 -0.59 0.00	39.15 -0.47 0.00	40.69 -0.78 0.00	41.07 -1.05 0.00	37.08 -0.75 0.00	35.83 -0.87 0.00	34.28 -0.52 0.00
RAVENSWOOD_GT2_1 24244	23.52 1.29 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.75 3.67 0.00	48.49 4.14 0.00	49.32 4.32 0.00	45.57 3.93 0.00	43.13 3.51 0.00	45.10 3.64 0.00	45.67 3.54 0.00	41.07 3.24 0.00	39.68 2.99 0.00	37.23 2.43 0.00
RAVENSWOOD_GT2_2 24245	23.52 1.29 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.75 3.67 0.00	48.49 4.14 0.00	49.32 4.32 0.00	45.57 3.93 0.00	43.13 3.51 0.00	45.10 3.64 0.00	45.67 3.54 0.00	41.07 3.24 0.00	39.68 2.99 0.00	37.23 2.43 0.00

RAVENSWOOD_GT2_3 24246	23.53 1.30 0.00	21.62 1.19 0.00	19.99 1.01 0.00	21.66 1.09 0.00	19.84 0.95 0.00	20.96 1.11 0.00	23.42 1.28 0.00	23.92 1.50 0.00	26.71 1.84 0.00	28.97 2.03 0.00	35.98 2.77 -2.24	39.72 3.22 -2.61	40.42 3.88 -0.98	57.24 3.84 -16.10	41.77 3.70 0.00	48.52 4.17 0.00	49.35 4.35 0.00	45.61 3.96 0.00	43.16 3.54 0.00	45.13 3.66 0.00	45.70 3.57 0.00	41.10 3.27 0.00	39.70 3.01 0.00	37.26 2.46 0.00
RAVENSWOOD_GT2_4 24247	23.53 1.30 0.00	21.62 1.19 0.00	19.99 1.01 0.00	21.66 1.09 0.00	19.84 0.95 0.00	20.96 1.11 0.00	23.42 1.28 0.00	23.92 1.50 0.00	26.71 1.84 0.00	28.97 2.03 0.00	35.98 2.77 -2.24	39.72 3.22 -2.61	40.42 3.88 -0.98	57.24 3.84 -16.10	41.77 3.70 0.00	48.52 4.17 0.00	49.35 4.35 0.00	45.61 3.96 0.00	43.16 3.54 0.00	45.13 3.66 0.00	45.70 3.57 0.00	41.10 3.27 0.00	39.70 3.01 0.00	37.26 2.46 0.00
RAVENSWOOD_GT3_1 24248	23.52 1.29 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.75 3.67 0.00	48.49 4.14 0.00	49.32 4.32 0.00	45.57 3.93 0.00	43.13 3.52 0.00	45.11 3.64 0.00	45.67 3.54 0.00	41.07 3.24 0.00	39.68 2.99 0.00	37.23 2.43 0.00
RAVENSWOOD_GT3_2 24249	23.52 1.29 0.00	21.61 1.18 0.00	19.98 1.00 0.00	21.65 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.75 3.67 0.00	48.49 4.14 0.00	49.32 4.32 0.00	45.57 3.93 0.00	43.13 3.52 0.00	45.11 3.64 0.00	45.67 3.54 0.00	41.07 3.24 0.00	39.68 2.99 0.00	37.23 2.43 0.00
RAVENSWOOD_GT3_3 24250	23.56 1.33 0.00	21.65 1.22 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.30 0.00	23.95 1.54 0.00	26.75 1.88 0.00	29.02 2.08 0.00	36.03 2.83 -2.24	39.78 3.29 -2.61	40.48 3.94 -0.98	57.31 3.91 -16.10	41.85 3.77 0.00	48.61 4.26 0.00	49.44 4.44 0.00	45.68 4.04 0.00	43.23 3.61 0.00	45.20 3.74 0.00	45.78 3.66 0.00	41.17 3.34 0.00	39.77 3.07 0.00	37.31 2.51 0.00
RAVENSWOOD_GT3_4 24251	23.56 1.33 0.00	21.65 1.22 0.00	20.01 1.04 0.00	21.69 1.12 0.00	19.87 0.97 0.00	20.98 1.14 0.00	23.45 1.30 0.00	23.95 1.54 0.00	26.75 1.88 0.00	29.02 2.08 0.00	36.03 2.83 -2.24	39.78 3.29 -2.61	40.48 3.94 -0.98	57.31 3.91 -16.10	41.85 3.77 0.00	48.61 4.26 0.00	49.44 4.44 0.00	45.68 4.04 0.00	43.23 3.61 0.00	45.20 3.74 0.00	45.78 3.66 0.00	41.17 3.34 0.00	39.77 3.07 0.00	37.31 2.51 0.00
RAVENSWOOD_GT_1 23729	23.55 1.32 0.00	21.65 1.22 0.00	20.01 1.03 0.00	21.67 1.10 0.00	19.86 0.96 0.00	20.97 1.13 0.00	23.45 1.31 0.00	23.96 1.54 0.00	26.76 1.89 0.00	29.03 2.09 0.00	36.05 2.84 -2.24	39.77 3.27 -2.61	40.47 3.93 -0.98	57.29 3.86 -16.13	42.07 3.68 -0.32	48.52 4.15 -0.02	60.02 4.36 -10.66	46.79 3.95 -1.20	43.07 3.52 0.07	44.29 3.60 0.78	43.98 3.53 1.67	41.53 3.23 -0.47	40.37 2.99 -0.68	46.74 2.48 -9.45
RAVENSWOOD_GT_10 24258	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.76 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.82 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.33 4.33 0.00	45.58 3.94 0.00	43.15 3.53 0.00	45.12 3.65 0.00	45.68 3.56 0.00	41.09 3.26 0.00	39.69 2.99 0.00	37.23 2.43 0.00
RAVENSWOOD_GT_11 24259	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.76 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.82 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.33 4.33 0.00	45.58 3.94 0.00	43.15 3.53 0.00	45.12 3.65 0.00	45.68 3.56 0.00	41.09 3.26 0.00	39.69 2.99 0.00	37.23 2.43 0.00
RAVENSWOOD_GT_4 24252	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.09 0.00	19.84 0.94 0.00	20.95 1.11 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.69 1.83 0.00	28.96 2.02 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.38 3.84 -0.98	57.24 3.82 -16.12	42.01 3.69 -0.24	48.54 4.17 -0.02	57.47 4.35 -8.12	46.52 3.96 -0.92	43.11 3.54 0.05	44.54 3.67 0.59	44.43 3.58 1.27	41.46 3.26 -0.36	40.22 3.00 -0.52	44.43 2.44 -7.20
RAVENSWOOD_GT_5 24254	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.09 0.00	19.84 0.94 0.00	20.95 1.11 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.69 1.83 0.00	28.96 2.02 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.38 3.84 -0.98	57.24 3.82 -16.12	42.01 3.69 -0.24	48.54 4.17 -0.02	57.47 4.35 -8.12	46.52 3.96 -0.92	43.11 3.54 0.05	44.54 3.67 0.59	44.43 3.58 1.27	41.46 3.26 -0.36	40.22 3.00 -0.52	44.43 2.44 -7.20
RAVENSWOOD_GT_6 24253	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.09 0.00	19.84 0.94 0.00	20.95 1.11 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.69 1.83 0.00	28.96 2.02 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.38 3.84 -0.98	57.24 3.82 -16.12	42.01 3.69 -0.24	48.54 4.17 -0.02	57.47 4.35 -8.12	46.52 3.96 -0.92	43.11 3.54 0.05	44.54 3.67 0.59	44.43 3.58 1.27	41.46 3.26 -0.36	40.22 3.00 -0.52	44.43 2.44 -7.20
RAVENSWOOD_GT_7 24255	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.09 0.00	19.84 0.94 0.00	20.95 1.11 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.69 1.83 0.00	28.96 2.02 0.00	35.97 2.75 -2.24	39.69 3.20 -2.61	40.38 3.84 -0.98	57.24 3.82 -16.12	42.01 3.69 -0.24	48.54 4.17 -0.02	57.47 4.35 -8.12	46.52 3.96 -0.92	43.11 3.54 0.05	44.54 3.67 0.59	44.43 3.58 1.27	41.46 3.26 -0.36	40.22 3.00 -0.52	44.43 2.44 -7.20
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.76 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.82 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.33 4.33 0.00	45.58 3.94 0.00	43.15 3.53 0.00	45.12 3.65 0.00	45.68 3.56 0.00	41.09 3.26 0.00	39.69 2.99 0.00	37.23 2.43 0.00
RAVENSWOOD_GT_9 24257	23.52 1.29 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.90 1.49 0.00	26.69 1.82 0.00	28.95 2.01 0.00	35.97 2.76 -2.24	39.69 3.20 -2.61	40.39 3.85 -0.98	57.21 3.82 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.33 4.33 0.00	45.58 3.94 0.00	43.15 3.53 0.00	45.12 3.65 0.00	45.68 3.56 0.00	41.09 3.26 0.00	39.69 2.99 0.00	37.23 2.43 0.00

RAVENSWOOD___1 23533	23.53 1.30 0.00	21.63 1.20 0.00	19.99 1.02 0.00	21.66 1.09 0.00	19.85 0.95 0.00	20.95 1.11 0.00	23.43 1.29 0.00	23.94 1.52 0.00	26.73 1.86 0.00	29.01 2.06 0.00	36.02 2.81 -2.24	39.73 3.24 -2.61	40.45 3.92 -0.98	57.24 3.84 -16.10	41.73 3.66 0.00	48.27 4.11 0.19	44.52 4.32 4.80	44.22 3.91 1.34	40.86 3.48 2.23	42.95 3.59 2.10	41.57 3.51 4.06	41.04 3.21 0.00	39.67 2.97 0.00	37.26 2.46 0.00
RAVENSWOOD___2 23534	23.45 1.21 0.00	21.55 1.13 0.00	19.93 0.95 0.00	21.56 0.98 0.00	19.75 0.86 0.00	20.85 1.02 0.00	23.33 1.18 0.00	23.82 1.41 0.00	26.61 1.74 0.00	28.88 1.94 0.00	35.94 2.73 -2.24	39.65 3.16 -2.61	40.38 3.84 -0.98	57.16 3.76 -16.10	41.65 3.57 0.00	48.05 3.88 0.19	44.05 3.92 4.87	43.82 3.54 1.36	40.48 3.14 2.27	42.62 3.29 2.14	41.29 3.29 4.13	40.93 3.10 0.00	39.58 2.89 0.00	37.19 2.39 0.00
RAVENSWOOD___3 23535	23.52 1.28 0.00	21.61 1.19 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.69 1.83 0.00	28.96 2.01 0.00	35.97 2.76 -2.24	39.69 3.19 -2.61	40.39 3.85 -0.98	57.21 3.81 -16.10	41.76 3.68 0.00	48.50 4.15 0.00	49.32 4.32 0.00	45.57 3.93 0.00	43.14 3.52 0.00	45.12 3.65 0.00	45.69 3.56 0.00	41.09 3.26 0.00	39.69 2.99 0.00	37.24 2.44 0.00
RAVENSWOOD___4 23820	23.51 1.27 0.00	21.61 1.18 0.00	19.98 1.01 0.00	21.64 1.07 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.27 0.00	23.91 1.50 0.00	26.71 1.84 0.00	28.98 2.04 0.00	35.99 2.78 -2.24	39.71 3.22 -2.61	40.43 3.90 -0.98	57.19 3.82 -16.07	41.40 3.64 0.31	48.05 4.09 0.39	29.17 4.27 20.10	41.65 3.87 3.86	38.65 3.44 4.41	41.57 3.55 3.45	39.12 3.48 6.49	40.56 3.19 0.46	38.97 2.95 0.67	27.93 2.44 9.31
RCPL_TRUST___DRP 24196	23.51 1.27 0.00	21.60 1.17 0.00	19.97 1.00 0.00	21.64 1.07 0.00	19.83 0.93 0.00	20.94 1.10 0.00	23.41 1.26 0.00	23.91 1.49 0.00	26.71 1.84 0.00	28.97 2.03 0.00	36.00 2.79 -2.24	39.73 3.23 -2.61	40.42 3.88 -0.98	57.29 3.88 -16.11	41.83 3.76 0.00	48.60 4.25 0.00	49.43 4.43 0.00	45.66 4.02 0.00	43.19 3.57 0.00	45.17 3.70 0.00	45.71 3.58 0.00	41.09 3.26 0.00	39.69 2.99 0.00	37.23 2.43 0.00
RED___ROCHESTER 323720	22.82 0.59 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 -0.01 0.00	27.00 0.06 0.00	31.23 0.26 0.00	34.11 0.22 0.00	35.94 0.38 0.00	37.96 0.65 0.00	38.82 0.74 0.00	45.11 0.76 0.00	46.36 1.36 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.04 0.57 0.00	42.48 0.36 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.03 0.23 0.00
REGAN___SOLAR 323812	25.00 2.77 0.00	22.90 2.48 0.00	21.22 2.25 0.00	22.94 2.36 0.00	21.05 2.15 0.00	22.25 2.41 0.00	24.77 2.62 0.00	24.16 1.74 0.00	25.77 0.90 0.00	27.54 0.59 0.00	32.10 1.13 0.00	36.24 2.35 0.00	38.01 2.45 0.00	40.51 3.21 0.00	42.24 4.16 0.00	48.94 4.59 0.00	52.72 7.72 0.00	46.52 4.88 0.00	45.20 5.58 0.00	47.42 5.95 0.00	47.98 5.85 0.00	42.85 5.02 0.00	41.55 4.85 0.00	39.19 4.39 0.00
RENSSELAER___COGEN 23796	22.54 0.31 0.00	20.68 0.26 0.00	19.17 0.19 0.00	20.89 0.31 0.00	19.16 0.27 0.00	20.10 0.26 0.00	22.43 0.28 0.00	22.78 0.37 0.00	25.30 0.43 0.00	27.29 0.34 0.00	31.84 0.50 -0.37	34.92 0.60 -0.43	36.57 0.85 -0.16	40.83 0.86 -2.66	38.94 0.86 0.00	45.33 0.98 0.00	46.07 1.07 0.00	42.68 1.04 0.00	40.58 0.96 0.00	42.48 1.01 0.00	43.19 1.06 0.00	38.71 0.88 0.00	37.39 0.70 0.00	35.23 0.43 0.00
REPUBLIC_115KV_BARTNBK 55605	25.41 3.18 0.00	23.08 2.65 0.00	21.02 2.04 0.00	22.82 2.24 0.00	21.04 2.14 0.00	22.16 2.32 0.00	24.87 2.72 0.00	25.16 2.75 0.00	27.52 2.65 0.00	29.15 2.21 0.00	33.68 2.36 -0.35	37.12 2.83 -0.41	39.17 3.46 -0.15	43.64 3.81 -2.53	42.60 4.52 0.00	49.70 5.35 0.00	51.84 6.84 0.00	47.98 6.33 0.00	46.07 6.45 0.00	48.17 6.70 0.00	48.66 6.53 0.00	42.98 5.14 0.00	41.89 5.19 0.00	38.97 4.18 0.00
REVERE_CPPR_DRP 24186	23.07 0.84 0.00	21.23 0.81 0.00	19.68 0.70 0.00	21.35 0.77 0.00	19.56 0.67 0.00	20.63 0.79 0.00	23.06 0.91 0.00	23.35 0.94 0.00	25.88 1.01 0.00	28.08 1.14 0.00	32.48 1.51 0.00	35.80 1.91 0.00	37.63 2.07 0.00	39.32 2.01 -0.01	40.16 2.08 0.00	46.94 2.33 -0.27	47.58 2.30 -0.28	44.06 2.32 -0.10	41.94 2.30 -0.02	44.18 2.56 -0.15	44.78 2.54 -0.11	39.93 2.10 0.00	38.59 1.89 -0.01	36.47 1.66 -0.01
REYNOLDS_115KV_TB3 80639	22.76 0.52 0.00	20.89 0.46 0.00	19.36 0.38 0.00	21.09 0.51 0.00	19.35 0.46 0.00	20.31 0.47 0.00	22.65 0.50 0.00	23.02 0.60 0.00	25.55 0.68 0.00	27.55 0.60 0.00	32.14 0.79 -0.39	35.28 0.94 -0.45	36.94 1.22 -0.17	41.32 1.24 -2.77	39.31 1.23 0.00	45.76 1.42 0.00	46.49 1.49 0.00	43.06 1.42 0.00	40.95 1.33 0.00	42.86 1.39 0.00	43.61 1.48 0.00	39.07 1.24 0.00	37.73 1.03 0.00	35.50 0.70 0.00
RIVERBAY____ 323610	23.67 1.44 0.00	21.79 1.36 0.00	20.13 1.16 0.00	21.81 1.24 0.00	19.97 1.08 0.00	21.07 1.22 0.00	23.60 1.45 0.00	24.08 1.66 0.00	26.86 1.99 0.00	29.10 2.16 0.00	36.06 2.85 -2.24	39.83 3.33 -2.61	40.43 3.89 -0.98	57.24 3.84 -16.10	41.81 3.73 0.00	48.68 4.33 0.01	49.87 4.88 0.01	46.05 4.41 0.00	43.62 4.00 0.00	45.57 4.10 -0.01	46.16 4.03 -0.01	41.50 3.67 0.00	39.96 3.27 0.00	37.61 2.81 0.00
RIVERSDE_115KV_TB3 55908	22.70 0.46 0.00	20.82 0.40 0.00	19.30 0.33 0.00	21.02 0.45 0.00	19.29 0.39 0.00	20.24 0.40 0.00	22.58 0.43 0.00	22.91 0.49 0.00	25.45 0.57 0.00	27.45 0.51 0.00	32.04 0.70 -0.37	35.16 0.84 -0.43	36.84 1.12 -0.16	41.12 1.15 -2.67	39.23 1.16 0.00	45.66 1.32 0.00	46.40 1.40 0.00	42.97 1.33 0.00	40.84 1.22 0.00	42.75 1.28 0.00	43.45 1.32 0.00	38.95 1.11 0.00	37.61 0.91 0.00	35.41 0.61 0.00
ROARING___BROOK_WT_PWR 323790	21.90 -0.33 0.00	20.24 -0.18 0.00	18.86 -0.12 0.00	20.47 -0.10 0.00	18.82 -0.07 0.00	19.68 -0.16 0.00	21.95 -0.20 0.00	21.98 -0.44 0.00	24.48 -0.39 0.00	26.64 -0.31 0.00	30.47 -0.50 0.00	33.21 -0.68 0.00	34.59 -0.97 0.00	36.36 -0.94 0.00	37.13 -0.95 0.00	43.14 -1.21 0.00	43.40 -1.60 0.00	40.06 -1.59 0.00	38.23 -1.39 0.00	40.33 -1.13 0.00	41.12 -1.00 0.00	36.87 -0.97 0.00	36.07 -0.62 0.00	34.56 -0.24 0.00
ROCHESRG_115KV_T4 355643	22.50 0.27 0.00	20.58 0.16 0.00	19.01 0.03 0.00	20.55 -0.02 0.00	18.76 -0.13 0.00	19.85 0.01 0.00	22.03 -0.12 0.00	22.24 -0.18 0.00	24.53 -0.33 0.00	26.62 -0.32 0.00	30.78 -0.19 0.00	33.59 -0.30 0.00	35.35 -0.21 0.00	37.31 0.01 0.00	38.14 0.06 0.00	44.25 -0.10 0.00	45.42 0.42 0.00	41.73 0.09 0.00	39.73 0.11 0.00	41.29 -0.17 0.00	41.77 -0.36 0.00	37.54 -0.30 0.00	36.27 -0.43 0.00	34.53 -0.27 0.00

ROCHESTER_9_IC 23652	22.66 0.43 0.00	20.73 0.30 0.00	19.14 0.16 0.00	20.69 0.11 0.00	18.88 -0.01 0.00	19.98 0.14 0.00	22.17 0.03 0.00	22.40 -0.02 0.00	24.72 -0.15 0.00	26.84 -0.10 0.00	31.02 0.05 0.00	33.85 -0.04 0.00	35.66 0.10 0.00	37.65 0.35 0.00	38.50 0.42 0.00	44.70 0.35 0.00	45.92 0.91 0.00	42.18 0.53 0.00	40.13 0.51 0.00	41.68 0.21 0.00	42.15 0.02 0.00	37.86 0.03 0.00	36.56 -0.14 0.00	34.79 -0.01 0.00
ROCKVIEW_13_KV_LD 356306	23.54 1.31 0.00	21.63 1.20 0.00	19.99 1.02 0.00	21.68 1.10 0.00	19.84 0.94 0.00	20.94 1.10 0.00	23.42 1.27 0.00	23.89 1.48 0.00	26.66 1.79 0.00	28.92 1.97 0.00	35.92 2.71 -2.24	39.68 3.19 -2.60	40.33 3.79 -0.98	57.18 3.80 -16.08	41.77 3.69 0.00	48.56 4.21 0.00	49.39 4.40 0.00	45.66 4.02 0.00	43.25 3.63 0.00	45.21 3.74 0.00	45.79 3.66 0.00	41.14 3.30 0.00	39.72 3.02 0.00	37.26 2.46 0.00
ROME____115KV_TB2 80656	23.07 0.84 0.00	21.23 0.81 0.00	19.68 0.70 0.00	21.35 0.77 0.00	19.56 0.67 0.00	20.63 0.79 0.00	23.06 0.91 0.00	23.35 0.94 0.00	25.88 1.01 0.00	28.08 1.14 0.00	32.48 1.51 0.00	35.80 1.91 0.00	37.63 2.07 0.00	39.32 2.01 -0.01	40.16 2.08 0.00	46.94 2.33 -0.27	47.58 2.30 -0.28	44.06 2.32 -0.10	41.94 2.30 -0.02	44.18 2.56 -0.15	44.78 2.54 -0.11	39.93 2.10 0.00	38.59 1.89 -0.01	36.47 1.66 -0.01
ROSETON____1 23587	23.16 0.93 0.00	21.28 0.85 0.00	19.67 0.69 0.00	21.34 0.77 0.00	19.56 0.66 0.00	20.62 0.78 0.00	23.04 0.90 0.00	23.48 1.06 0.00	26.16 1.29 0.00	28.32 1.37 0.00	32.88 1.91 0.00	36.12 2.23 0.00	38.31 2.76 0.00	40.03 2.73 0.00	40.70 2.63 0.00	47.34 3.00 0.00	48.19 3.18 0.00	44.57 2.93 0.00	42.26 2.64 0.00	44.20 2.73 0.00	44.81 2.69 0.00	40.21 2.38 0.00	38.82 2.13 0.00	36.47 1.67 0.00
ROSETON____2 23588	23.16 0.93 0.00	21.28 0.85 0.00	19.67 0.69 0.00	21.34 0.77 0.00	19.56 0.66 0.00	20.62 0.78 0.00	23.04 0.90 0.00	23.48 1.06 0.00	26.16 1.29 0.00	28.32 1.37 0.00	32.88 1.91 0.00	36.12 2.23 0.00	38.31 2.76 0.00	40.03 2.73 0.00	40.70 2.63 0.00	47.34 3.00 0.00	48.19 3.18 0.00	44.57 2.93 0.00	42.26 2.64 0.00	44.20 2.73 0.00	44.81 2.69 0.00	40.21 2.38 0.00	38.82 2.13 0.00	36.47 1.67 0.00
ROTTDRAM_115KV_TB3 80664	22.95 0.71 0.00	21.05 0.63 0.00	19.50 0.52 0.00	21.17 0.60 0.00	19.42 0.52 0.00	20.40 0.57 0.00	22.78 0.64 0.00	23.08 0.67 0.00	25.58 0.71 0.00	27.61 0.67 0.00	32.14 0.85 -0.32	35.29 1.03 -0.37	37.03 1.34 -0.14	40.97 1.36 -2.31	39.55 1.48 0.00	45.98 1.63 0.00	46.88 1.88 0.00	43.38 1.73 0.00	41.19 1.58 0.00	43.19 1.72 0.00	43.88 1.75 0.00	39.34 1.51 0.00	38.02 1.33 0.00	35.83 1.03 0.00
RUSSELL____1 23602	22.81 0.58 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 0.00 0.00	27.01 0.07 0.00	31.23 0.26 0.00	34.08 0.19 0.00	35.92 0.37 0.00	37.95 0.65 0.00	38.82 0.75 0.00	45.11 0.76 0.00	46.35 1.35 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.05 0.58 0.00	42.50 0.38 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.04 0.23 0.00
RUSSELL____2 23532	22.81 0.58 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 0.00 0.00	27.01 0.07 0.00	31.23 0.26 0.00	34.08 0.19 0.00	35.92 0.37 0.00	37.95 0.65 0.00	38.82 0.75 0.00	45.11 0.76 0.00	46.35 1.35 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.05 0.58 0.00	42.50 0.38 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.04 0.23 0.00
RUSSELL____3 23549	22.81 0.58 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 0.00 0.00	27.01 0.07 0.00	31.23 0.26 0.00	34.08 0.19 0.00	35.92 0.37 0.00	37.95 0.65 0.00	38.82 0.75 0.00	45.11 0.76 0.00	46.35 1.35 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.05 0.58 0.00	42.50 0.38 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.04 0.23 0.00
RUSSELL____4 23556	22.81 0.58 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 0.00 0.00	27.01 0.07 0.00	31.23 0.26 0.00	34.08 0.19 0.00	35.92 0.37 0.00	37.95 0.65 0.00	38.82 0.75 0.00	45.11 0.76 0.00	46.35 1.35 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.05 0.58 0.00	42.50 0.38 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.04 0.23 0.00
RUSSELL____STATION 23914	22.81 0.58 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 0.00 0.00	27.01 0.07 0.00	31.23 0.26 0.00	34.08 0.19 0.00	35.92 0.37 0.00	37.95 0.65 0.00	38.82 0.75 0.00	45.11 0.76 0.00	46.35 1.35 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.05 0.58 0.00	42.50 0.38 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.04 0.23 0.00
S SALMON____HYD 24043	22.22 -0.02 0.00	20.49 0.06 0.00	18.97 -0.01 0.00	20.60 0.03 0.00	18.89 0.00 0.00	19.86 0.02 0.00	22.17 0.02 0.00	22.43 0.01 0.00	24.88 0.01 0.00	26.99 0.05 0.00	31.24 0.27 0.00	34.15 0.25 0.00	35.81 0.25 0.00	37.53 0.20 -0.03	38.17 0.10 0.00	45.74 0.15 -1.24	46.26 -0.04 -1.30	41.98 -0.11 -0.45	39.83 0.12 -0.10	42.43 0.26 -0.70	42.90 0.27 -0.50	37.97 0.13 -0.01	36.93 0.18 -0.05	34.97 0.13 -0.04
S.PERRY__115KV_TB1 80734	23.53 1.29 0.00	21.48 1.06 0.00	19.79 0.81 0.00	21.42 0.84 0.00	19.55 0.65 0.00	20.72 0.88 0.00	22.93 0.79 0.00	23.02 0.60 0.00	25.13 0.26 0.00	27.40 0.46 0.00	31.61 0.64 0.00	34.24 0.35 0.00	35.46 -0.10 0.00	37.31 0.01 0.00	38.40 0.32 0.00	44.10 -0.25 0.00	45.69 0.69 0.00	42.52 0.88 0.00	40.47 0.85 0.00	42.02 0.56 0.00	42.44 0.32 0.00	38.04 0.21 0.00	37.31 0.61 0.00	35.71 0.91 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.50 0.27 0.00	20.56 0.13 0.00	18.93 -0.05 0.00	20.44 -0.13 0.00	18.57 -0.32 0.00	19.70 -0.14 0.00	21.74 -0.40 0.00	21.86 -0.56 0.00	24.04 -0.83 0.00	26.08 -0.87 0.00	30.23 -0.74 0.00	32.99 -0.90 0.00	34.58 -0.98 0.00	36.43 -0.87 0.00	37.23 -0.85 0.00	42.99 -1.36 0.00	44.22 -0.78 0.00	40.47 -1.17 0.00	38.61 -1.01 0.00	40.09 -1.37 0.00	40.53 -1.59 0.00	36.59 -1.24 0.00	35.38 -1.31 0.00	33.92 -0.88 0.00
SAWYER____23_KV_LOAD 55526	22.50 0.27 0.00	20.56 0.13 0.00	18.93 -0.05 0.00	20.44 -0.13 0.00	18.57 -0.32 0.00	19.70 -0.14 0.00	21.74 -0.40 0.00	21.86 -0.56 0.00	24.04 -0.83 0.00	26.08 -0.87 0.00	30.23 -0.74 0.00	32.99 -0.90 0.00	34.58 -0.98 0.00	36.43 -0.87 0.00	37.23 -0.85 0.00	42.99 -1.36 0.00	44.22 -0.78 0.00	40.47 -1.17 0.00	38.61 -1.01 0.00	40.09 -1.37 0.00	40.53 -1.59 0.00	36.59 -1.24 0.00	35.38 -1.31 0.00	33.92 -0.88 0.00

SELKIRK___I 23801	22.70 0.46 0.00	20.83 0.41 0.00	19.32 0.34 0.00	21.03 0.46 0.00	19.30 0.41 0.00	20.26 0.42 0.00	22.58 0.44 0.00	22.89 0.47 0.00	25.33 0.46 0.00	27.28 0.34 0.00	31.66 0.37 -0.33	34.32 0.06 -0.38	35.73 0.02 -0.14	39.70 0.03 -2.37	38.13 0.05 0.00	44.56 0.21 0.00	45.35 0.34 0.00	41.98 0.34 0.00	39.93 0.31 0.00	41.87 0.40 0.00	42.61 0.48 0.00	38.18 0.35 0.00	37.07 0.38 0.00	35.51 0.70 0.00
SELKIRK___II 23799	22.46 0.23 0.00	20.62 0.19 0.00	19.12 0.14 0.00	20.80 0.23 0.00	19.09 0.19 0.00	20.03 0.19 0.00	22.36 0.21 0.00	22.70 0.29 0.00	25.20 0.33 0.00	27.20 0.25 0.00	31.72 0.40 -0.36	34.72 0.43 -0.40	36.36 0.64 -0.16	40.49 0.63 -2.56	38.69 0.62 0.00	45.07 0.72 0.00	45.81 0.81 0.00	42.42 0.78 0.00	40.35 0.73 0.00	42.25 0.78 0.00	42.95 0.82 0.00	38.50 0.66 0.00	37.23 0.54 0.00	35.22 0.42 0.00
SENECA OSWGO___HYD 24041	22.05 -0.19 0.00	20.25 -0.18 0.00	18.77 -0.21 0.00	20.33 -0.24 0.00	18.65 -0.25 0.00	19.63 -0.21 0.00	21.86 -0.28 0.00	22.14 -0.27 0.00	24.53 -0.34 0.00	26.60 -0.35 0.00	30.73 -0.23 0.00	33.65 -0.24 0.00	35.33 -0.22 0.00	37.11 -0.23 -0.04	37.89 -0.18 0.00	45.77 -0.32 -1.74	46.66 -0.16 -1.83	42.17 -0.11 -0.64	39.71 -0.05 -0.14	42.36 -0.09 -0.98	42.65 -0.18 -0.71	37.61 -0.23 -0.01	36.43 -0.34 -0.08	34.44 -0.41 -0.06
SENECA___115KV_TB3 355854	22.77 0.54 0.00	20.79 0.36 0.00	19.14 0.16 0.00	20.68 0.10 0.00	18.77 -0.12 0.00	19.91 0.07 0.00	21.98 -0.17 0.00	22.12 -0.30 0.00	24.36 -0.52 0.00	26.46 -0.48 0.00	30.70 -0.27 0.00	33.56 -0.33 0.00	35.22 -0.34 0.00	37.05 -0.26 0.00	37.89 -0.19 0.00	43.77 -0.58 0.00	44.98 -0.02 0.00	41.14 -0.49 0.00	39.24 -0.37 0.00	40.78 -0.69 0.00	41.17 -0.95 0.00	37.16 -0.68 0.00	35.91 -0.79 0.00	34.35 -0.45 0.00
SENECA___ENERGY 23797	22.59 0.36 0.00	20.64 0.21 0.00	19.10 0.12 0.00	20.69 0.12 0.00	18.93 0.03 0.00	19.99 0.15 0.00	22.25 0.10 0.00	22.50 0.08 0.00	24.89 0.02 0.00	27.00 0.06 0.00	31.28 0.31 0.00	34.25 0.36 0.00	35.98 0.42 0.00	37.96 0.64 -0.02	38.88 0.80 0.00	45.90 0.86 -0.69	46.75 1.02 -0.73	42.88 0.98 -0.25	40.61 0.93 -0.06	42.67 0.81 -0.39	42.90 0.49 -0.28	38.23 0.40 0.00	36.85 0.13 -0.03	34.95 0.13 -0.02
SHOEMAKER___GT 23640	23.12 0.89 0.00	21.22 0.80 0.00	19.64 0.66 0.00	21.30 0.72 0.00	19.51 0.62 0.00	20.57 0.73 0.00	22.97 0.82 0.00	23.39 0.97 0.00	26.04 1.17 0.00	28.17 1.23 0.00	30.70 1.71 1.98	33.59 2.00 2.31	37.22 2.53 0.87	25.52 2.45 14.23	40.45 2.37 0.00	47.13 2.79 0.00	47.97 2.97 0.00	44.39 2.75 0.00	42.18 2.56 0.00	44.12 2.66 0.00	44.72 2.60 0.00	40.15 2.32 0.00	38.77 2.07 0.00	36.41 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	23.11 0.87 0.00	21.22 0.79 0.00	19.63 0.65 0.00	21.30 0.72 0.00	19.50 0.61 0.00	20.57 0.73 0.00	22.97 0.82 0.00	23.38 0.96 0.00	26.04 1.17 0.00	28.18 1.24 0.00	30.82 1.74 1.88	33.73 2.03 2.19	37.28 2.55 0.82	26.26 2.49 13.53	40.49 2.41 0.00	47.16 2.81 0.00	47.99 2.99 0.00	44.40 2.76 0.00	42.17 2.55 0.00	44.11 2.64 0.00	44.70 2.57 0.00	40.14 2.31 0.00	38.75 2.05 0.00	36.40 1.60 0.00
SHOREHAM_IC_1 23715	23.14 0.91 0.00	21.43 1.00 0.00	19.92 0.94 0.00	21.65 1.08 0.00	19.76 0.86 0.00	20.84 1.00 0.00	23.19 1.04 0.00	23.68 1.27 0.00	26.25 1.38 0.00	28.42 1.48 0.00	37.07 2.63 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.42 3.87 -16.24	41.96 3.89 0.00	48.29 3.94 0.00	49.26 4.26 0.00	45.55 3.91 0.00	42.86 3.24 0.00	44.56 3.10 0.00	42.01 2.89 3.01	36.56 2.41 3.69	38.83 2.13 0.00	36.44 1.65 0.00
SHOREHAM_IC_2 23716	23.14 0.91 0.00	21.43 1.00 0.00	19.92 0.94 0.00	21.65 1.08 0.00	19.76 0.86 0.00	20.84 1.00 0.00	23.19 1.04 0.00	23.68 1.27 0.00	26.25 1.38 0.00	28.42 1.48 0.00	37.07 2.63 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.42 3.87 -16.24	41.96 3.89 0.00	48.29 3.94 0.00	49.26 4.26 0.00	45.55 3.91 0.00	42.86 3.24 0.00	44.56 3.10 0.00	42.01 2.89 3.01	36.56 2.41 3.69	38.83 2.13 0.00	36.44 1.65 0.00
SISSONVILLE____ 23735	21.73 -0.50 0.00	20.01 -0.42 0.00	18.69 -0.29 0.00	20.23 -0.34 0.00	18.65 -0.24 0.00	19.54 -0.30 0.00	21.92 -0.22 0.00	22.00 -0.41 0.00	24.40 -0.47 0.00	26.60 -0.34 0.00	30.37 -0.59 0.00	32.47 -1.42 0.00	33.42 -2.14 0.00	35.36 -1.95 0.00	36.02 -2.05 0.00	42.19 -2.32 -0.17	42.32 -2.86 -0.17	39.26 -2.44 -0.06	37.49 -2.13 -0.01	39.45 -2.11 -0.09	40.23 -1.97 -0.07	36.09 -1.74 0.00	35.51 -1.19 -0.01	34.76 -0.04 0.00
SITHE_IND_GS1 24169	21.71 -0.53 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.05 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.54 -0.60 0.00	21.80 -0.61 0.00	24.14 -0.73 0.00	26.16 -0.78 0.00	30.18 -0.79 0.00	33.04 -0.85 0.00	34.72 -0.83 0.00	36.33 -0.85 0.13	37.25 -0.83 0.00	38.27 -1.01 5.06	38.76 -0.94 5.31	38.90 -0.89 1.85	38.38 -0.83 0.40	37.70 -0.92 2.85	39.07 -1.01 2.05	36.87 -0.93 0.03	35.48 -0.99 0.22	33.65 -0.99 0.16
SITHE_IND_GS2 24170	21.71 -0.53 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.05 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.54 -0.60 0.00	21.80 -0.61 0.00	24.14 -0.73 0.00	26.16 -0.78 0.00	30.18 -0.79 0.00	33.04 -0.85 0.00	34.72 -0.83 0.00	36.33 -0.85 0.13	37.25 -0.83 0.00	38.27 -1.01 5.06	38.76 -0.94 5.31	38.90 -0.89 1.85	38.38 -0.83 0.40	37.70 -0.92 2.85	39.07 -1.01 2.05	36.87 -0.93 0.03	35.48 -0.99 0.22	33.65 -0.99 0.16
SITHE_IND_GS3 24171	21.71 -0.53 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.05 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.54 -0.60 0.00	21.80 -0.61 0.00	24.14 -0.73 0.00	26.16 -0.78 0.00	30.18 -0.79 0.00	33.04 -0.85 0.00	34.72 -0.83 0.00	36.33 -0.85 0.13	37.25 -0.83 0.00	38.27 -1.01 5.06	38.76 -0.94 5.31	38.90 -0.89 1.85	38.38 -0.83 0.40	37.70 -0.92 2.85	39.07 -1.01 2.05	36.87 -0.93 0.03	35.48 -0.99 0.22	33.65 -0.99 0.16
SITHE_IND_GS4 24172	21.71 -0.53 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.05 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.54 -0.60 0.00	21.80 -0.61 0.00	24.14 -0.73 0.00	26.16 -0.78 0.00	30.18 -0.79 0.00	33.04 -0.85 0.00	34.72 -0.83 0.00	36.33 -0.85 0.13	37.25 -0.83 0.00	38.27 -1.01 5.06	38.76 -0.94 5.31	38.90 -0.89 1.85	38.38 -0.83 0.40	37.70 -0.92 2.85	39.07 -1.01 2.05	36.87 -0.93 0.03	35.48 -0.99 0.22	33.65 -0.99 0.16
SITHE___BATAVIA 24024	23.16 0.93 0.00	21.12 0.70 0.00	19.45 0.48 0.00	21.00 0.43 0.00	19.12 0.23 0.00	20.30 0.46 0.00	22.50 0.35 0.00	22.70 0.28 0.00	24.95 0.08 0.00	26.99 0.05 0.00	31.25 0.28 0.00	33.98 0.09 0.00	35.88 0.32 0.00	38.00 0.70 0.00	38.83 0.75 0.00	44.75 0.40 0.00	46.33 1.33 0.00	42.46 0.81 0.00	40.36 0.74 0.00	41.86 0.40 0.00	42.34 0.21 0.00	38.11 0.28 0.00	36.76 0.07 0.00	35.10 0.30 0.00

SITHE___INDEPEND 23800	21.70 -0.53 0.00	19.94 -0.48 0.00	18.51 -0.47 0.00	20.06 -0.52 0.00	18.39 -0.50 0.00	19.36 -0.48 0.00	21.54 -0.60 0.00	21.80 -0.61 0.00	24.14 -0.73 0.00	26.16 -0.78 0.00	30.17 -0.80 0.00	33.04 -0.86 0.00	34.72 -0.84 0.00	36.33 -0.85 0.13	37.25 -0.82 0.00	38.27 -1.01 5.06	38.76 -0.94 5.31	38.90 -0.89 1.85	38.38 -0.83 0.40	37.71 -0.91 2.85	39.07 -1.01 2.05	36.87 -0.93 0.03	35.48 -1.00 0.22	33.65 -0.99 0.16
SITHE___MASSENA 23902	21.99 -0.25 0.00	20.22 -0.20 0.00	18.88 -0.09 0.00	20.44 -0.13 0.00	18.83 -0.06 0.00	19.72 -0.12 0.00	22.10 -0.04 0.00	22.23 -0.19 0.00	24.66 -0.21 0.00	26.84 -0.11 0.00	30.56 -0.41 0.00	32.87 -1.02 0.00	34.03 -1.53 0.00	35.92 -1.38 0.00	36.65 -1.43 0.00	42.75 -1.60 0.00	43.09 -1.91 0.00	39.97 -1.67 0.00	38.12 -1.50 0.00	39.95 -1.52 0.00	40.73 -1.40 0.00	36.65 -1.18 0.00	35.90 -0.79 0.00	34.83 0.03 0.00
SITHE___OGDNSBRG 24021	22.26 0.03 0.00	20.48 0.05 0.00	19.12 0.14 0.00	20.69 0.11 0.00	19.07 0.17 0.00	19.98 0.14 0.00	22.43 0.28 0.00	22.50 0.09 0.00	24.94 0.07 0.00	27.21 0.26 0.00	31.03 0.06 0.00	33.05 -0.84 0.00	33.99 -1.57 0.00	36.20 -1.10 0.00	36.84 -1.24 0.00	43.04 -1.31 0.00	43.02 -1.98 0.00	40.09 -1.55 0.00	38.42 -1.20 0.00	40.31 -1.15 0.00	41.11 -1.02 0.00	36.95 -0.88 0.00	36.23 -0.46 0.00	35.33 0.53 0.00
SITHE___STERLING 23777	22.91 0.67 0.00	21.05 0.62 0.00	19.51 0.53 0.00	21.16 0.59 0.00	19.40 0.50 0.00	20.45 0.61 0.00	22.84 0.69 0.00	23.13 0.72 0.00	25.64 0.77 0.00	27.79 0.85 0.00	32.14 1.17 0.00	35.40 1.51 0.00	37.23 1.68 0.00	38.95 1.64 -0.01	39.73 1.65 0.00	46.57 1.94 -0.29	47.24 1.94 -0.30	43.69 1.94 -0.10	41.50 1.87 -0.02	43.70 2.07 -0.16	44.26 2.02 -0.12	39.50 1.66 0.00	38.18 1.47 -0.01	36.06 1.25 -0.01
SLEIGHT___34_KV_TB1 80719	22.51 0.28 0.00	20.58 0.15 0.00	19.04 0.06 0.00	20.61 0.04 0.00	18.84 -0.05 0.00	19.92 0.08 0.00	22.16 0.01 0.00	22.41 -0.01 0.00	24.78 -0.09 0.00	26.91 -0.03 0.00	31.12 0.16 0.00	34.04 0.15 0.00	35.82 0.26 0.00	37.77 0.46 0.00	38.65 0.57 0.00	45.16 0.62 -0.19	46.19 0.99 -0.20	42.52 0.81 -0.07	40.39 0.76 -0.01	42.11 0.54 -0.11	42.52 0.32 -0.08	38.06 0.22 0.00	36.70 -0.01 -0.01	34.84 0.03 -0.01
SOUTH CAIRO___GT 23612	23.52 1.29 0.00	21.51 1.09 0.00	19.91 0.93 0.00	21.68 1.10 0.00	19.88 0.99 0.00	20.86 1.02 0.00	23.31 1.16 0.00	23.66 1.24 0.00	26.12 1.25 0.00	27.92 0.98 0.00	32.03 1.06 0.00	34.97 1.08 0.00	36.88 1.32 0.00	38.77 1.47 0.00	39.95 1.88 0.00	46.82 2.48 0.00	47.90 2.90 0.00	44.59 2.95 0.00	42.65 3.03 0.00	44.74 3.28 0.00	45.53 3.41 0.00	40.66 2.83 0.00	39.15 2.45 0.00	36.90 2.10 0.00
SOUTH HAMPTN___IC 23720	23.57 1.34 0.00	21.81 1.38 0.00	20.28 1.30 0.00	22.06 1.48 0.00	20.13 1.23 0.00	21.24 1.40 0.00	23.65 1.50 0.00	24.22 1.80 0.00	26.90 2.03 0.00	29.18 2.23 0.00	38.01 3.57 -3.47	42.14 4.30 -3.95	42.20 5.01 -1.64	58.55 5.00 -16.24	43.05 4.97 0.00	49.52 5.17 0.00	50.49 5.49 0.00	46.56 4.92 0.00	43.64 4.02 0.00	45.25 3.78 0.00	42.69 3.57 3.01	37.06 2.92 3.69	39.32 2.63 0.00	36.89 2.09 0.00
SOUTHDOW_115KV_TB1 355954	23.45 1.21 0.00	21.41 0.99 0.00	19.71 0.73 0.00	21.26 0.69 0.00	19.14 0.25 0.00	20.25 0.41 0.00	22.37 0.22 0.00	22.60 0.18 0.00	25.23 0.36 0.00	27.35 0.40 0.00	31.87 0.90 0.00	34.94 1.05 0.00	36.53 0.97 0.00	38.12 0.81 0.00	39.07 1.00 0.00	45.05 0.71 0.00	46.32 1.32 0.00	42.46 0.82 0.00	40.29 0.68 0.00	41.94 0.48 0.00	42.29 0.16 0.00	38.18 0.34 0.00	37.00 0.30 0.00	35.37 0.56 0.00
SOUTHOLD_69_KV_BK 2 55809	24.02 1.79 0.00	22.15 1.73 0.00	20.66 1.68 0.00	22.50 1.93 0.00	20.55 1.65 0.00	21.69 1.85 0.00	24.17 2.02 0.00	24.84 2.42 0.00	27.62 2.75 0.00	29.95 3.01 0.00	38.97 4.53 -3.47	42.70 4.86 -3.95	42.65 5.45 -1.64	59.05 5.51 -16.24	43.52 5.44 0.00	49.98 5.63 0.00	50.86 5.85 0.00	46.65 5.01 0.00	43.53 3.91 0.00	44.97 3.50 0.00	42.94 3.83 3.01	37.23 3.09 3.69	39.53 2.83 0.00	37.05 2.25 0.00
SOUTHOLD___IC 23719	24.00 1.77 0.00	22.15 1.73 0.00	20.66 1.68 0.00	22.50 1.93 0.00	20.55 1.65 0.00	21.69 1.84 0.00	24.16 2.02 0.00	24.83 2.41 0.00	27.62 2.75 0.00	29.96 3.02 0.00	38.97 4.53 -3.47	42.68 4.84 -3.95	42.64 5.44 -1.64	59.06 5.51 -16.24	43.52 5.44 0.00	49.98 5.63 0.00	50.85 5.85 0.00	46.64 5.00 0.00	43.53 3.91 0.00	44.96 3.50 0.00	42.95 3.84 3.01	37.23 3.09 3.69	39.53 2.83 0.00	37.05 2.25 0.00
SOUTH_FORK_WT_PWR 323839	23.98 1.75 0.00	22.12 1.69 0.00	20.67 1.70 0.00	22.55 1.97 0.00	20.59 1.70 0.00	21.73 1.89 0.00	24.22 2.08 0.00	24.94 2.52 0.00	27.74 2.87 0.00	30.05 3.11 0.00	39.10 4.66 -3.47	43.09 5.24 -3.95	43.19 5.99 -1.64	59.62 6.07 -16.24	44.01 5.93 0.00	50.45 6.10 0.00	51.32 6.31 0.00	47.01 5.37 0.00	43.57 3.96 0.00	44.93 3.46 0.00	42.48 3.37 3.01	36.62 2.48 3.69	38.98 2.29 0.00	36.55 1.75 0.00
SPIERFLS_115KV_TB 1 80737	24.30 2.06 0.00	22.15 1.72 0.00	20.39 1.41 0.00	22.07 1.49 0.00	20.17 1.27 0.00	21.08 1.23 0.00	23.48 1.33 0.00	23.79 1.38 0.00	26.12 1.25 0.00	28.03 1.09 0.00	32.31 0.99 -0.35	35.60 1.30 -0.41	37.46 1.75 -0.15	41.85 2.03 -2.51	40.35 2.28 0.00	46.96 2.61 0.00	48.49 3.48 0.00	44.89 3.25 0.00	42.91 3.29 0.00	45.00 3.54 0.00	45.70 3.58 0.00	40.85 3.01 0.00	39.43 2.74 0.00	36.89 2.08 0.00
ST LAWRENCE____ 23600	21.82 -0.41 0.00	20.07 -0.36 0.00	18.73 -0.25 0.00	20.27 -0.30 0.00	18.68 -0.22 0.00	19.55 -0.29 0.00	21.89 -0.26 0.00	22.03 -0.39 0.00	24.44 -0.43 0.00	26.58 -0.36 0.00	30.29 -0.68 0.00	32.91 -0.98 0.00	34.13 -1.43 0.00	35.95 -1.35 0.00	36.70 -1.37 0.00	42.81 -1.54 0.00	43.21 -1.79 0.00	40.05 -1.60 0.00	38.17 -1.44 0.00	39.99 -1.48 0.00	40.73 -1.39 0.00	36.65 -1.18 0.00	35.85 -0.84 0.00	34.44 -0.36 0.00
STATE_CA_115KV_115_LB 55624	22.74 0.51 0.00	20.86 0.43 0.00	19.33 0.36 0.00	21.05 0.48 0.00	19.31 0.42 0.00	20.27 0.43 0.00	22.62 0.47 0.00	22.97 0.55 0.00	25.51 0.64 0.00	27.54 0.59 0.00	32.13 0.80 -0.36	35.28 0.96 -0.42	36.98 1.26 -0.16	41.23 1.31 -2.62	39.41 1.34 0.00	45.85 1.50 0.00	46.62 1.62 0.00	43.15 1.51 0.00	41.00 1.38 0.00	42.91 1.44 0.00	43.60 1.48 0.00	39.08 1.24 0.00	37.73 1.03 0.00	35.52 0.72 0.00
STATE_ST_34_KV_LOAD 55959	22.67 0.44 0.00	20.70 0.27 0.00	19.24 0.26 0.00	20.87 0.30 0.00	19.09 0.20 0.00	20.14 0.30 0.00	22.45 0.31 0.00	22.70 0.29 0.00	25.13 0.26 0.00	27.25 0.31 0.00	31.50 0.53 0.00	34.43 0.54 0.00	36.27 0.71 0.00	38.12 0.80 -0.02	39.05 0.97 0.00	46.29 1.13 -0.80	46.99 1.15 -0.84	43.26 1.32 -0.29	40.95 1.27 -0.06	43.16 1.24 -0.45	43.49 1.03 -0.32	38.69 0.86 0.00	37.32 0.59 -0.04	35.33 0.51 -0.03

STATION 5_MISC_HYD 23604	22.67 0.43 0.00	20.73 0.30 0.00	19.14 0.16 0.00	20.69 0.11 0.00	18.88 -0.01 0.00	19.98 0.14 0.00	22.17 0.03 0.00	22.40 -0.02 0.00	24.71 -0.16 0.00	26.82 -0.12 0.00	31.03 0.06 0.00	33.88 -0.01 0.00	35.67 0.11 0.00	37.66 0.36 0.00	38.50 0.42 0.00	44.70 0.35 0.00	45.92 0.92 0.00	42.17 0.53 0.00	40.13 0.51 0.00	41.67 0.20 0.00	42.13 0.00 0.00	37.85 0.02 0.00	36.56 -0.14 0.00	34.79 -0.01 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.77 0.54 0.00	20.81 0.39 0.00	19.23 0.25 0.00	20.81 0.24 0.00	19.01 0.12 0.00	20.11 0.27 0.00	22.35 0.20 0.00	22.62 0.20 0.00	25.01 0.14 0.00	27.16 0.22 0.00	31.42 0.45 0.00	34.34 0.45 0.00	36.21 0.65 0.00	38.24 0.93 0.00	39.10 1.03 0.00	45.67 1.12 -0.21	46.79 1.57 -0.21	42.96 1.24 -0.08	40.79 1.16 -0.02	42.50 0.92 -0.12	42.90 0.69 -0.08	38.42 0.59 0.00	37.04 0.34 -0.01	35.17 0.36 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.55 0.31 0.00	20.62 0.19 0.00	19.04 0.06 0.00	20.58 0.01 0.00	18.79 -0.10 0.00	19.88 0.04 0.00	22.07 -0.08 0.00	22.30 -0.12 0.00	24.63 -0.24 0.00	26.75 -0.19 0.00	30.93 -0.04 0.00	33.75 -0.14 0.00	35.58 0.02 0.00	37.56 0.26 0.00	38.41 0.34 0.00	44.63 0.29 0.00	45.83 0.83 0.00	42.09 0.45 0.00	40.03 0.41 0.00	41.59 0.12 0.00	42.04 -0.08 0.00	37.75 -0.09 0.00	36.45 -0.25 0.00	34.66 -0.14 0.00
STA_56____34_KV_BUS2 355983	22.55 0.31 0.00	20.62 0.19 0.00	19.04 0.06 0.00	20.58 0.01 0.00	18.79 -0.10 0.00	19.88 0.04 0.00	22.07 -0.08 0.00	22.30 -0.12 0.00	24.63 -0.24 0.00	26.75 -0.19 0.00	30.93 -0.04 0.00	33.75 -0.14 0.00	35.58 0.02 0.00	37.56 0.26 0.00	38.41 0.34 0.00	44.63 0.29 0.00	45.83 0.83 0.00	42.09 0.45 0.00	40.03 0.41 0.00	41.59 0.12 0.00	42.04 -0.08 0.00	37.75 -0.09 0.00	36.45 -0.25 0.00	34.66 -0.14 0.00
STA_67____115KV_BK2 355882	22.60 0.37 0.00	20.68 0.25 0.00	19.09 0.11 0.00	20.64 0.06 0.00	18.84 -0.05 0.00	19.93 0.09 0.00	22.11 -0.03 0.00	22.34 -0.08 0.00	24.65 -0.22 0.00	26.76 -0.18 0.00	30.93 -0.04 0.00	33.75 -0.14 0.00	35.54 -0.02 0.00	37.52 0.22 0.00	38.36 0.28 0.00	44.52 0.17 0.00	45.72 0.72 0.00	42.01 0.37 0.00	39.97 0.35 0.00	41.53 0.07 0.00	42.00 -0.12 0.00	37.74 -0.09 0.00	36.45 -0.25 0.00	34.69 -0.10 0.00
STA_7____115KV_9TRANS 80674	22.81 0.58 0.00	20.85 0.43 0.00	19.24 0.27 0.00	20.81 0.23 0.00	18.99 0.10 0.00	20.09 0.25 0.00	22.30 0.15 0.00	22.53 0.11 0.00	24.87 0.00 0.00	27.01 0.07 0.00	31.23 0.26 0.00	34.08 0.19 0.00	35.92 0.37 0.00	37.95 0.65 0.00	38.82 0.75 0.00	45.11 0.76 0.00	46.35 1.35 0.00	42.58 0.94 0.00	40.51 0.89 0.00	42.05 0.58 0.00	42.50 0.38 0.00	38.16 0.33 0.00	36.84 0.14 0.00	35.04 0.23 0.00
STA_82____115KV_TB1 80780	22.62 0.38 0.00	20.68 0.26 0.00	19.09 0.11 0.00	20.65 0.07 0.00	18.85 -0.05 0.00	19.94 0.10 0.00	22.13 -0.02 0.00	22.35 -0.07 0.00	24.66 -0.21 0.00	26.76 -0.18 0.00	30.95 -0.02 0.00	33.76 -0.12 0.00	35.55 -0.01 0.00	37.54 0.23 0.00	38.38 0.30 0.00	44.55 0.20 0.00	45.75 0.75 0.00	42.02 0.38 0.00	40.00 0.38 0.00	41.55 0.08 0.00	42.02 -0.10 0.00	37.75 -0.09 0.00	36.47 -0.23 0.00	34.71 -0.09 0.00
STEEL____WIND 323596	22.76 0.52 0.00	20.76 0.34 0.00	19.12 0.14 0.00	20.65 0.08 0.00	18.75 -0.14 0.00	19.89 0.05 0.00	21.96 -0.19 0.00	22.08 -0.33 0.00	24.31 -0.56 0.00	26.39 -0.56 0.00	30.65 -0.32 0.00	33.53 -0.36 0.00	35.13 -0.43 0.00	36.96 -0.34 0.00	37.78 -0.29 0.00	43.66 -0.69 0.00	44.88 -0.12 0.00	41.04 -0.59 0.00	39.17 -0.45 0.00	40.68 -0.78 0.00	41.07 -1.06 0.00	37.11 -0.72 0.00	35.85 -0.85 0.00	34.31 -0.49 0.00
STEPHTWN_115KV_BK_2 55603	22.82 0.58 0.00	20.87 0.45 0.00	19.35 0.38 0.00	21.03 0.46 0.00	19.30 0.40 0.00	20.29 0.45 0.00	22.61 0.46 0.00	23.07 0.65 0.00	25.64 0.77 0.00	27.64 0.70 0.00	32.23 0.89 -0.37	35.40 1.08 -0.43	37.13 1.41 -0.16	41.42 1.45 -2.66	39.58 1.51 0.00	46.01 1.66 0.00	46.88 1.88 0.00	43.32 1.68 0.00	41.25 1.63 0.00	43.23 1.76 0.00	43.87 1.74 0.00	39.36 1.52 0.00	37.97 1.28 0.00	35.69 0.89 0.00
STEUBEN_REC_LFGE 323667	23.20 0.97 0.00	21.22 0.80 0.00	19.57 0.59 0.00	21.26 0.68 0.00	19.36 0.47 0.00	20.54 0.70 0.00	22.45 0.31 0.00	22.24 -0.18 0.00	24.54 -0.32 0.00	26.97 0.03 0.00	31.31 0.34 0.00	34.21 0.32 0.00	35.84 0.28 0.00	37.81 0.50 -0.01	38.86 0.79 0.00	44.76 0.15 -0.26	46.60 1.33 -0.27	42.84 1.10 -0.09	40.53 0.89 -0.02	42.25 0.64 -0.15	42.28 0.05 -0.10	37.88 0.04 0.00	36.26 -0.44 -0.01	34.37 -0.44 -0.01
STILLWATER____SOLAR 323814	23.82 1.58 0.00	21.76 1.33 0.00	20.10 1.12 0.00	21.83 1.25 0.00	20.00 1.11 0.00	20.98 1.14 0.00	23.43 1.28 0.00	23.77 1.35 0.00	26.24 1.36 0.00	28.20 1.25 0.00	32.72 1.39 -0.36	35.98 1.67 -0.42	37.82 2.10 -0.16	42.24 2.34 -2.59	40.59 2.52 0.00	47.17 2.82 0.00	48.34 3.34 0.00	44.80 3.16 0.00	42.59 2.98 0.00	44.66 3.19 0.00	45.40 3.28 0.00	40.62 2.79 0.00	39.20 2.50 0.00	36.77 1.97 0.00
STONY____BROOK 24151	23.32 1.09 0.00	21.60 1.18 0.00	20.03 1.06 0.00	21.74 1.16 0.00	19.85 0.96 0.00	20.94 1.10 0.00	23.32 1.17 0.00	23.86 1.45 0.00	26.46 1.59 0.00	28.67 1.73 0.00	37.36 2.93 -3.47	41.52 3.68 -3.95	41.50 4.31 -1.64	57.66 4.11 -16.24	42.12 4.04 0.00	48.45 4.11 0.00	49.31 4.31 0.00	45.58 3.94 0.00	42.94 3.32 0.00	44.71 3.25 0.00	42.13 3.00 3.00	36.73 2.58 3.68	39.17 2.48 0.00	36.83 2.03 0.00
STURGEON_POOL_HYD 23609	23.31 1.08 0.00	21.41 0.98 0.00	19.77 0.80 0.00	21.44 0.86 0.00	19.63 0.74 0.00	20.72 0.88 0.00	23.17 1.02 0.00	23.64 1.23 0.00	26.41 1.54 0.00	28.64 1.69 0.00	33.33 2.36 0.00	36.70 2.81 0.00	39.04 3.48 0.00	40.78 3.48 0.00	41.42 3.34 0.00	48.25 3.90 0.00	49.14 4.14 0.00	45.43 3.79 0.00	43.03 3.42 0.00	44.99 3.52 0.00	45.53 3.40 0.00	40.83 3.00 0.00	39.35 2.66 0.00	36.81 2.01 0.00
ST_LAW_115_BK7_LBMP 345037	21.78 -0.45 0.00	20.03 -0.39 0.00	18.70 -0.28 0.00	20.24 -0.34 0.00	18.66 -0.24 0.00	19.52 -0.32 0.00	21.87 -0.28 0.00	22.00 -0.42 0.00	24.41 -0.46 0.00	26.55 -0.39 0.00	30.23 -0.74 0.00	32.81 -1.08 0.00	34.00 -1.56 0.00	35.83 -1.47 0.00	36.57 -1.50 0.00	42.66 -1.68 0.00	43.05 -1.95 0.00	39.90 -1.74 0.00	38.03 -1.59 0.00	39.85 -1.62 0.00	40.61 -1.52 0.00	36.54 -1.29 0.00	35.78 -0.92 0.00	34.41 -0.38 0.00
ST_LAW_115_BK8_LBMP 345038	21.78 -0.45 0.00	20.03 -0.39 0.00	18.70 -0.28 0.00	20.24 -0.34 0.00	18.66 -0.24 0.00	19.52 -0.32 0.00	21.87 -0.28 0.00	22.00 -0.42 0.00	24.41 -0.46 0.00	26.55 -0.39 0.00	30.23 -0.74 0.00	32.81 -1.08 0.00	34.00 -1.56 0.00	35.83 -1.47 0.00	36.57 -1.50 0.00	42.66 -1.68 0.00	43.05 -1.95 0.00	39.90 -1.74 0.00	38.03 -1.59 0.00	39.85 -1.62 0.00	40.61 -1.52 0.00	36.54 -1.29 0.00	35.78 -0.92 0.00	34.41 -0.38 0.00

ST_LAW_230_BK5_LBMP 345035	21.82 -0.41 0.00	20.07 -0.36 0.00	18.73 -0.25 0.00	20.27 -0.30 0.00	18.68 -0.22 0.00	19.55 -0.29 0.00	21.89 -0.26 0.00	22.03 -0.39 0.00	24.44 -0.43 0.00	26.58 -0.36 0.00	30.29 -0.68 0.00	32.91 -0.98 0.00	34.13 -1.43 0.00	35.95 -1.35 0.00	36.70 -1.37 0.00	42.81 -1.54 0.00	43.21 -1.79 0.00	40.05 -1.60 0.00	38.17 -1.44 0.00	39.99 -1.48 0.00	40.73 -1.39 0.00	36.65 -1.18 0.00	35.85 -0.84 0.00	34.44 -0.36 0.00
ST_LAW_230_BK6_LBMP 345036	21.82 -0.41 0.00	20.07 -0.36 0.00	18.73 -0.25 0.00	20.27 -0.30 0.00	18.68 -0.22 0.00	19.55 -0.29 0.00	21.89 -0.26 0.00	22.03 -0.39 0.00	24.44 -0.43 0.00	26.58 -0.36 0.00	30.29 -0.68 0.00	32.91 -0.98 0.00	34.13 -1.43 0.00	35.95 -1.35 0.00	36.70 -1.37 0.00	42.81 -1.54 0.00	43.21 -1.79 0.00	40.05 -1.60 0.00	38.17 -1.44 0.00	39.99 -1.48 0.00	40.73 -1.39 0.00	36.65 -1.18 0.00	35.85 -0.84 0.00	34.44 -0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.21 0.97 0.00	21.32 0.89 0.00	19.72 0.75 0.00	21.39 0.82 0.00	19.58 0.69 0.00	20.67 0.82 0.00	23.07 0.93 0.00	23.50 1.09 0.00	26.22 1.35 0.00	28.41 1.47 0.00	30.70 2.04 2.31	33.59 2.39 2.69	37.51 2.96 1.01	23.64 2.92 16.58	40.91 2.83 0.00	47.62 3.27 0.00	48.47 3.47 0.00	44.84 3.20 0.00	42.50 2.89 0.00	44.46 2.99 0.00	45.03 2.91 0.00	40.44 2.61 0.00	39.04 2.34 0.00	36.63 1.83 0.00
SWANROAD_115KV_TB1 355699	22.13 -0.10 0.00	20.22 -0.20 0.00	18.63 -0.35 0.00	20.10 -0.47 0.00	18.28 -0.61 0.00	19.41 -0.43 0.00	21.42 -0.73 0.00	21.52 -0.90 0.00	23.58 -1.29 0.00	25.54 -1.40 0.00	29.55 -1.42 0.00	32.20 -1.69 0.00	33.74 -1.82 0.00	35.58 -1.72 0.00	36.33 -1.74 0.00	41.91 -2.44 0.00	43.13 -1.87 0.00	39.52 -2.13 0.00	37.72 -1.90 0.00	39.15 -2.32 0.00	39.62 -2.51 0.00	35.77 -2.07 0.00	34.64 -2.06 0.00	33.27 -1.53 0.00
SYNERGY___BIOGAS 323694	23.16 0.93 0.00	21.12 0.70 0.00	19.45 0.48 0.00	21.00 0.43 0.00	19.12 0.23 0.00	20.30 0.46 0.00	22.50 0.35 0.00	22.70 0.28 0.00	24.95 0.08 0.00	26.99 0.05 0.00	31.25 0.28 0.00	33.98 0.09 0.00	35.88 0.32 0.00	38.00 0.70 0.00	38.83 0.75 0.00	44.75 0.40 0.00	46.33 1.33 0.00	42.46 0.81 0.00	40.36 0.74 0.00	41.86 0.40 0.00	42.34 0.21 0.00	38.11 0.28 0.00	36.76 0.07 0.00	35.10 0.30 0.00
SYRACUSE___ENERGY_ST1 323597	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.98 0.04 0.00	31.18 0.21 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.63 0.62 -0.54	43.00 0.49 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03
SYRACUSE___ENERGY_ST2 323598	22.36 0.13 0.00	20.51 0.08 0.00	19.01 0.03 0.00	20.61 0.04 0.00	18.89 -0.01 0.00	19.90 0.06 0.00	22.16 0.01 0.00	22.44 0.02 0.00	24.88 0.01 0.00	26.98 0.04 0.00	31.18 0.21 0.00	34.13 0.24 0.00	35.88 0.32 0.00	37.72 0.39 -0.02	38.57 0.49 0.00	45.85 0.55 -0.96	46.70 0.69 -1.01	42.67 0.68 -0.35	40.36 0.67 -0.08	42.63 0.62 -0.54	43.00 0.49 -0.39	38.20 0.37 -0.01	36.92 0.19 -0.04	34.90 0.07 -0.03
SYRACUSE___POWER 24017	22.35 0.12 0.00	20.51 0.08 0.00	18.99 0.02 0.00	20.60 0.02 0.00	18.87 -0.02 0.00	19.89 0.05 0.00	22.15 0.00 0.00	22.43 0.02 0.00	24.88 0.00 0.00	26.97 0.03 0.00	31.19 0.22 0.00	34.16 0.28 0.00	35.95 0.39 0.00	37.76 0.44 -0.02	38.60 0.53 0.00	45.59 0.61 -0.63	46.39 0.73 -0.66	42.54 0.67 -0.23	40.33 0.67 -0.05	42.45 0.63 -0.35	42.89 0.51 -0.26	38.21 0.38 0.00	36.92 0.19 -0.03	34.89 0.07 -0.02
TALLMAN___138KV_BK151 55660	23.30 1.07 0.00	21.41 0.99 0.00	19.82 0.84 0.00	21.50 0.93 0.00	19.68 0.79 0.00	20.78 0.94 0.00	23.18 1.04 0.00	23.63 1.21 0.00	26.40 1.53 0.00	28.63 1.69 0.00	30.18 2.34 3.13	33.00 2.75 3.64	37.56 3.38 1.37	18.12 3.32 22.50	41.27 3.19 0.00	48.02 3.67 0.00	48.88 3.88 0.00	45.20 3.56 0.00	42.79 3.18 0.00	44.77 3.30 0.00	45.38 3.25 0.00	40.77 2.94 0.00	39.33 2.63 0.00	36.88 2.08 0.00
TEALLAVE_115KV_TB7 355573	22.22 -0.01 0.00	20.40 -0.02 0.00	18.89 -0.08 0.00	20.49 -0.09 0.00	18.78 -0.12 0.00	19.78 -0.06 0.00	22.02 -0.13 0.00	22.31 -0.11 0.00	24.74 -0.13 0.00	26.82 -0.12 0.00	31.02 0.05 0.00	33.98 0.10 0.00	35.75 0.19 0.00	37.56 0.24 -0.01	38.39 0.31 0.00	45.19 0.32 -0.52	46.02 0.48 -0.55	42.23 0.40 -0.19	40.06 0.40 -0.04	42.10 0.34 -0.29	42.56 0.22 -0.21	37.95 0.12 0.00	36.68 -0.04 -0.02	34.68 -0.14 -0.02
TELGRAPH_34_KV_EAST 80808	22.69 0.45 0.00	20.72 0.30 0.00	19.08 0.11 0.00	20.60 0.02 0.00	18.74 -0.15 0.00	19.89 0.05 0.00	21.98 -0.17 0.00	22.12 -0.30 0.00	24.27 -0.60 0.00	26.29 -0.65 0.00	30.41 -0.56 0.00	33.12 -0.76 0.00	34.84 -0.72 0.00	36.76 -0.54 0.00	37.55 -0.53 0.00	43.37 -0.98 0.00	44.66 -0.34 0.00	40.93 -0.71 0.00	39.02 -0.60 0.00	40.49 -0.98 0.00	40.97 -1.16 0.00	36.92 -0.91 0.00	35.68 -1.02 0.00	34.17 -0.64 0.00
TEMPLE___115KV_TB 2 55572	22.24 0.01 0.00	20.41 -0.02 0.00	18.91 -0.07 0.00	20.50 -0.08 0.00	18.78 -0.11 0.00	19.80 -0.05 0.00	22.04 -0.11 0.00	22.32 -0.10 0.00	24.75 -0.12 0.00	26.84 -0.10 0.00	31.05 0.08 0.00	34.01 0.12 0.00	35.78 0.22 0.00	37.59 0.28 -0.01	38.43 0.35 0.00	45.24 0.37 -0.52	46.07 0.52 -0.55	42.27 0.44 -0.19	40.09 0.42 -0.04	42.14 0.38 -0.29	42.58 0.24 -0.21	37.98 0.14 0.00	36.70 -0.02 -0.02	34.69 -0.13 -0.02
TIANA____69_KV_BK 1 55817	23.50 1.26 0.00	21.73 1.31 0.00	20.19 1.22 0.00	21.96 1.38 0.00	20.03 1.14 0.00	21.15 1.31 0.00	23.54 1.39 0.00	24.09 1.67 0.00	26.74 1.87 0.00	28.98 2.05 0.00	37.80 3.36 -3.47	41.95 4.11 -3.95	41.97 4.78 -1.64	58.30 4.75 -16.24	42.82 4.74 0.00	49.26 4.91 0.00	50.24 5.24 0.00	46.40 4.76 0.00	43.55 3.93 0.00	45.20 3.74 0.00	42.63 3.52 3.01	37.06 2.92 3.69	39.31 2.62 0.00	36.88 2.08 0.00
TILDEN___115KV_TB1 80814	22.35 0.12 0.00	20.51 0.08 0.00	18.99 0.02 0.00	20.60 0.02 0.00	18.87 -0.02 0.00	19.89 0.05 0.00	22.15 0.00 0.00	22.43 0.02 0.00	24.88 0.00 0.00	26.97 0.03 0.00	31.19 0.22 0.00	34.16 0.28 0.00	35.95 0.39 0.00	37.76 0.44 -0.02	38.60 0.53 0.00	45.59 0.61 -0.63	46.39 0.73 -0.66	42.54 0.67 -0.23	40.33 0.67 -0.05	42.45 0.63 -0.35	42.89 0.51 -0.26	38.21 0.38 0.00	36.92 0.19 -0.03	34.89 0.07 -0.02
TRIGEN___CC 323695	23.44 1.21 0.00	21.61 1.19 0.00	20.02 1.05 0.00	21.71 1.14 0.00	19.87 0.97 0.00	20.96 1.12 0.00	23.39 1.24 0.00	23.89 1.48 0.00	26.57 1.71 0.00	28.80 1.86 0.00	37.30 2.86 -3.47	41.30 3.46 -3.95	41.23 4.04 -1.64	57.45 3.90 -16.24	41.87 3.79 0.00	48.51 4.16 0.00	49.40 4.40 0.00	45.67 4.03 0.00	43.11 3.49 0.00	44.94 3.48 0.00	44.59 3.34 0.88	39.80 3.04 1.07	39.53 2.83 0.00	37.16 2.36 0.00

TRINITY__115KV__4 BK 55933	22.62 0.38 0.00	20.76 0.33 0.00	19.23 0.26 0.00	20.95 0.38 0.00	19.23 0.33 0.00	20.17 0.33 0.00	22.50 0.36 0.00	22.84 0.42 0.00	25.37 0.50 0.00	27.37 0.43 0.00	31.93 0.60 -0.37	35.04 0.73 -0.43	36.71 0.99 -0.16	40.97 1.02 -2.65	39.10 1.02 0.00	45.50 1.15 0.00	46.26 1.26 0.00	42.82 1.18 0.00	40.71 1.09 0.00	42.60 1.13 0.00	43.31 1.19 0.00	38.83 0.99 0.00	37.50 0.80 0.00	35.31 0.51 0.00
UNION__PROCESSING_DRP 323587	22.62 0.39 0.00	20.69 0.26 0.00	19.10 0.12 0.00	20.65 0.08 0.00	18.85 -0.04 0.00	19.94 0.10 0.00	22.13 -0.02 0.00	22.36 -0.06 0.00	24.67 -0.20 0.00	26.78 -0.16 0.00	30.96 -0.01 0.00	33.77 -0.12 0.00	35.56 0.00 0.00	37.55 0.25 0.00	38.40 0.32 0.00	44.56 0.21 0.00	45.77 0.77 0.00	42.06 0.41 0.00	40.01 0.39 0.00	41.56 0.10 0.00	42.04 -0.08 0.00	37.77 -0.06 0.00	36.48 -0.21 0.00	34.72 -0.08 0.00
UPPER HUDSON__HYD 24058	24.30 2.06 0.00	22.15 1.72 0.00	20.39 1.41 0.00	22.07 1.50 0.00	20.17 1.27 0.00	21.08 1.23 0.00	23.48 1.33 0.00	23.79 1.38 0.00	26.12 1.25 0.00	28.03 1.09 0.00	32.31 0.99 -0.35	35.59 1.30 -0.41	37.46 1.75 -0.15	41.84 2.03 -2.51	40.35 2.28 0.00	46.96 2.61 0.00	48.49 3.48 0.00	44.89 3.25 0.00	42.91 3.29 0.00	45.00 3.54 0.00	45.70 3.58 0.00	40.85 3.02 0.00	39.43 2.74 0.00	36.89 2.08 0.00
UPPER RAQUET__HYD 24056	21.73 -0.50 0.00	20.01 -0.42 0.00	18.69 -0.29 0.00	20.23 -0.34 0.00	18.65 -0.24 0.00	19.54 -0.30 0.00	21.92 -0.22 0.00	22.00 -0.41 0.00	24.40 -0.47 0.00	26.60 -0.34 0.00	30.37 -0.60 0.00	32.47 -1.42 0.00	33.42 -2.14 0.00	35.36 -1.95 0.00	36.02 -2.06 0.00	42.19 -2.32 -0.17	42.32 -2.86 -0.17	39.26 -2.44 -0.06	37.50 -2.14 -0.01	39.45 -2.11 -0.09	40.23 -1.97 -0.07	36.09 -1.74 0.00	35.51 -1.19 -0.01	34.76 -0.04 0.00
VALLEY44_115KV_TB2 355964	22.70 0.46 0.00	20.86 0.43 0.00	19.24 0.27 0.00	20.89 0.31 0.00	18.96 0.06 0.00	20.12 0.28 0.00	22.28 0.13 0.00	22.47 0.06 0.00	24.85 -0.02 0.00	27.01 0.07 0.00	31.29 0.32 0.00	34.19 0.30 0.00	35.92 0.35 0.00	37.56 0.25 0.00	38.32 0.25 0.00	44.12 -0.23 0.00	45.31 0.31 0.00	41.41 -0.23 0.00	39.50 -0.12 0.00	41.00 -0.47 0.00	41.32 -0.81 0.00	37.48 -0.35 0.00	36.33 -0.36 0.00	34.71 -0.09 0.00
VALLEY__115KV_TB 1-4 80826	22.54 0.31 0.00	20.67 0.25 0.00	19.18 0.20 0.00	20.80 0.23 0.00	19.07 0.18 0.00	20.05 0.20 0.00	22.42 0.28 0.00	22.73 0.31 0.00	25.08 0.21 0.00	27.00 0.06 0.00	31.20 0.23 0.00	34.36 0.47 0.00	36.45 0.89 0.00	38.22 0.91 0.00	39.13 1.06 0.00	45.39 1.05 0.00	46.18 1.18 0.00	42.64 1.00 0.00	40.58 0.96 0.00	42.60 1.13 0.00	43.27 1.14 0.00	38.96 1.13 0.00	37.57 0.88 0.00	35.33 0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.19 0.96 0.00	21.28 0.85 0.00	19.71 0.73 0.00	21.40 0.82 0.00	19.59 0.70 0.00	20.65 0.81 0.00	23.06 0.91 0.00	23.42 1.00 0.00	26.05 1.17 0.00	28.25 1.31 0.00	32.70 1.74 0.00	35.87 1.98 0.00	37.83 2.27 0.00	39.61 2.31 0.00	40.43 2.36 0.00	47.18 2.67 -0.16	48.01 2.84 -0.17	44.27 2.56 -0.06	42.07 2.44 -0.01	44.07 2.51 -0.09	44.60 2.41 -0.07	40.00 2.17 0.00	38.65 1.95 -0.01	36.44 1.63 0.00
VISCHER__FERRY HYD 24020	23.19 0.95 0.00	21.24 0.81 0.00	19.67 0.69 0.00	21.40 0.82 0.00	19.64 0.74 0.00	20.61 0.77 0.00	23.01 0.86 0.00	23.36 0.94 0.00	25.88 1.01 0.00	27.86 0.91 0.00	32.44 1.09 -0.38	35.62 1.29 -0.44	37.32 1.60 -0.17	41.72 1.69 -2.73	39.81 1.73 0.00	46.34 1.99 0.00	47.17 2.17 0.00	43.72 2.08 0.00	41.57 1.95 0.00	43.54 2.08 0.00	44.32 2.19 0.00	39.67 1.84 0.00	38.30 1.60 0.00	35.97 1.18 0.00
V_A_10_SYNC_DSASP 323832	22.32 0.08 0.00	20.41 -0.02 0.00	18.82 -0.16 0.00	20.34 -0.23 0.00	18.53 -0.37 0.00	19.63 -0.21 0.00	21.72 -0.43 0.00	21.87 -0.55 0.00	24.05 -0.83 0.00	26.06 -0.88 0.00	30.20 -0.77 0.00	32.95 -0.94 0.00	34.55 -1.01 0.00	36.46 -0.85 0.00	37.22 -0.85 0.00	43.04 -1.30 0.00	44.23 -0.77 0.00	40.55 -1.10 0.00	38.65 -0.97 0.00	40.14 -1.33 0.00	40.60 -1.53 0.00	36.62 -1.21 0.00	35.44 -1.26 0.00	33.91 -0.89 0.00
V_CMM_10_SYNC_DSASP 323787	21.83 -0.41 0.00	20.08 -0.35 0.00	18.74 -0.24 0.00	20.28 -0.29 0.00	18.69 -0.20 0.00	19.56 -0.28 0.00	21.91 -0.24 0.00	22.05 -0.37 0.00	24.46 -0.41 0.00	26.61 -0.33 0.00	30.30 -0.67 0.00	32.90 -0.99 0.00	34.09 -1.46 0.00	35.94 -1.36 0.00	36.69 -1.39 0.00	42.80 -1.55 0.00	43.18 -1.82 0.00	40.03 -1.62 0.00	38.15 -1.47 0.00	39.97 -1.50 0.00	40.73 -1.40 0.00	36.65 -1.18 0.00	35.94 -0.76 0.00	34.58 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	23.13 0.89 0.00	21.08 0.65 0.00	19.61 0.64 0.00	21.35 0.78 0.00	19.71 0.81 0.00	20.76 0.92 0.00	23.15 1.00 0.00	23.22 0.81 0.00	25.69 0.82 0.00	27.79 0.85 0.00	32.02 1.05 0.00	34.82 0.93 0.00	35.32 -0.24 0.00	36.66 -0.64 0.00	37.43 -0.65 0.00	43.71 -0.64 0.00	44.09 -0.91 0.00	40.97 -0.67 0.00	38.94 -0.68 0.00	40.76 -0.71 0.00	41.52 -0.61 0.00	37.77 -0.06 0.00	37.72 1.02 0.00	36.30 1.49 0.00
V_D_10_SYNC_DSASP 323841	21.99 -0.24 0.00	20.23 -0.19 0.00	18.88 -0.09 0.00	20.44 -0.13 0.00	18.84 -0.06 0.00	19.72 -0.12 0.00	22.10 -0.04 0.00	22.23 -0.19 0.00	24.66 -0.21 0.00	26.84 -0.11 0.00	30.56 -0.41 0.00	32.88 -1.01 0.00	34.05 -1.51 0.00	35.94 -1.36 0.00	36.67 -1.41 0.00	42.77 -1.57 0.00	43.12 -1.88 0.00	39.99 -1.65 0.00	38.15 -1.47 0.00	39.99 -1.48 0.00	40.75 -1.38 0.00	36.67 -1.17 0.00	35.92 -0.77 0.00	34.83 0.03 0.00
V_E_10_SYNC_DSASP 323830	23.91 1.67 0.00	21.89 1.47 0.00	20.31 1.33 0.00	22.04 1.47 0.00	20.18 1.28 0.00	21.48 1.64 0.00	24.06 1.91 0.00	24.43 2.01 0.00	26.93 2.06 0.00	29.05 2.10 0.00	33.60 2.63 0.00	36.96 3.07 0.00	38.48 2.92 0.00	40.50 3.19 -0.01	41.39 3.32 0.00	49.13 4.40 -0.38	49.30 3.90 -0.40	45.27 3.49 -0.14	43.47 3.82 -0.03	45.33 3.65 -0.21	46.02 3.74 -0.15	41.61 3.78 0.00	40.24 3.53 -0.02	37.95 3.13 -0.01
V_F_30_NSYNC__DSASP 323816	23.86 1.63 0.00	21.81 1.38 0.00	20.13 1.16 0.00	21.87 1.30 0.00	20.04 1.14 0.00	21.02 1.18 0.00	23.48 1.33 0.00	23.82 1.40 0.00	26.31 1.43 0.00	28.29 1.34 0.00	32.83 1.51 -0.36	36.11 1.80 -0.42	37.96 2.24 -0.16	42.35 2.47 -2.58	40.73 2.65 0.00	47.33 2.98 0.00	48.51 3.51 0.00	44.94 3.30 0.00	42.71 3.09 0.00	44.78 3.31 0.00	45.51 3.39 0.00	40.72 2.89 0.00	39.29 2.60 0.00	36.86 2.06 0.00
V_F_30_SYNC_DSASP 323786	22.74 0.51 0.00	20.86 0.43 0.00	19.33 0.35 0.00	21.05 0.48 0.00	19.31 0.42 0.00	20.27 0.43 0.00	22.62 0.47 0.00	22.97 0.55 0.00	25.51 0.64 0.00	27.54 0.59 0.00	32.13 0.80 -0.36	35.28 0.96 -0.42	36.97 1.25 -0.16	41.22 1.30 -2.62	39.40 1.33 0.00	45.84 1.50 0.00	46.62 1.62 0.00	43.15 1.51 0.00	41.00 1.38 0.00	42.91 1.44 0.00	43.60 1.47 0.00	39.07 1.24 0.00	37.72 1.03 0.00	35.52 0.72 0.00

V_XM10_SYNC_DSASP 323789	23.13 0.89 0.00	21.08 0.65 0.00	19.61 0.64 0.00	21.35 0.78 0.00	19.71 0.81 0.00	20.76 0.92 0.00	23.15 1.00 0.00	23.22 0.81 0.00	25.69 0.82 0.00	27.79 0.85 0.00	32.02 1.05 0.00	34.82 0.93 0.00	35.32 -0.24 0.00	36.66 -0.64 0.00	37.43 -0.65 0.00	43.71 -0.64 0.00	44.09 -0.91 0.00	40.97 -0.67 0.00	38.94 -0.68 0.00	40.76 -0.71 0.00	41.52 -0.61 0.00	37.77 -0.06 0.00	37.72 1.02 0.00	36.30 1.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.38 1.15 0.00	21.49 1.07 0.00	19.90 0.92 0.00	21.57 1.00 0.00	19.75 0.85 0.00	20.84 1.00 0.00	23.26 1.11 0.00	23.70 1.28 0.00	26.49 1.62 0.00	28.73 1.78 0.00	30.09 2.46 3.34	32.90 2.89 3.89	37.62 3.52 1.46	16.78 3.49 24.01	41.44 3.36 0.00	48.22 3.88 0.00	49.13 4.13 0.00	45.42 3.78 0.00	43.02 3.40 0.00	45.00 3.53 0.00	45.64 3.51 0.00	40.98 3.15 0.00	39.53 2.83 0.00	37.04 2.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.52 1.29 0.00	21.60 1.18 0.00	19.98 1.00 0.00	21.66 1.08 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.42 1.27 0.00	23.92 1.50 0.00	26.72 1.85 0.00	28.99 2.05 0.00	36.01 2.80 -2.24	39.74 3.25 -2.61	40.44 3.90 -0.98	57.31 3.90 -16.11	41.84 3.77 0.00	48.61 4.26 0.00	49.44 4.44 0.00	45.67 4.03 0.00	43.20 3.58 0.00	45.18 3.71 0.00	45.73 3.60 0.00	41.10 3.27 0.00	39.70 3.00 0.00	37.24 2.44 0.00
W50THST__13_KV_LOAD 356117	23.67 1.44 0.00	21.75 1.32 0.00	20.11 1.14 0.00	21.79 1.22 0.00	19.96 1.07 0.00	21.10 1.26 0.00	23.59 1.44 0.00	24.12 1.70 0.00	26.96 2.09 0.00	29.27 2.33 0.00	36.36 3.15 -2.24	40.07 3.58 -2.61	40.77 4.24 -0.98	57.64 4.23 -16.11	42.17 4.09 0.00	49.01 4.66 0.00	49.84 4.84 0.00	46.04 4.39 0.00	43.51 3.90 0.00	45.47 4.00 0.00	46.03 3.90 0.00	41.37 3.54 0.00	39.95 3.25 0.00	37.49 2.69 0.00
WADING RIVER_IC_1 23522	23.12 0.89 0.00	21.42 0.99 0.00	19.90 0.93 0.00	21.64 1.06 0.00	19.74 0.85 0.00	20.83 0.99 0.00	23.18 1.03 0.00	23.67 1.26 0.00	26.25 1.38 0.00	28.43 1.48 0.00	37.09 2.65 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.41 3.86 -16.24	41.91 3.84 0.00	48.23 3.89 0.00	49.21 4.21 0.00	45.50 3.86 0.00	42.79 3.17 0.00	44.51 3.04 0.00	41.94 2.82 3.01	36.49 2.36 3.70	38.80 2.10 0.00	36.42 1.62 0.00
WADING RIVER_IC_2 23547	23.12 0.89 0.00	21.42 0.99 0.00	19.90 0.93 0.00	21.64 1.06 0.00	19.74 0.85 0.00	20.83 0.99 0.00	23.18 1.03 0.00	23.67 1.26 0.00	26.25 1.38 0.00	28.43 1.48 0.00	37.09 2.65 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.41 3.86 -16.24	41.91 3.84 0.00	48.23 3.89 0.00	49.21 4.21 0.00	45.50 3.86 0.00	42.79 3.17 0.00	44.51 3.04 0.00	41.94 2.82 3.01	36.49 2.36 3.70	38.80 2.10 0.00	36.42 1.62 0.00
WADING RIVER_IC_3 23601	23.12 0.89 0.00	21.42 0.99 0.00	19.90 0.93 0.00	21.64 1.06 0.00	19.74 0.85 0.00	20.83 0.99 0.00	23.18 1.03 0.00	23.67 1.26 0.00	26.25 1.38 0.00	28.43 1.48 0.00	37.09 2.65 -3.47	41.17 3.33 -3.95	41.15 3.96 -1.64	57.41 3.86 -16.24	41.91 3.84 0.00	48.23 3.89 0.00	49.21 4.21 0.00	45.50 3.86 0.00	42.79 3.17 0.00	44.51 3.04 0.00	41.94 2.82 3.01	36.49 2.36 3.70	38.80 2.10 0.00	36.42 1.62 0.00
WALDENNY_12_KV_BK2 80841	22.77 0.54 0.00	20.79 0.36 0.00	19.14 0.16 0.00	20.67 0.10 0.00	18.76 -0.13 0.00	19.91 0.07 0.00	21.99 -0.16 0.00	22.12 -0.30 0.00	24.36 -0.52 0.00	26.47 -0.47 0.00	30.71 -0.25 0.00	33.60 -0.29 0.00	35.24 -0.32 0.00	37.08 -0.22 0.00	37.94 -0.13 0.00	43.84 -0.51 0.00	45.01 0.01 0.00	41.16 -0.48 0.00	39.27 -0.35 0.00	40.79 -0.68 0.00	41.20 -0.93 0.00	37.17 -0.66 0.00	35.92 -0.78 0.00	34.37 -0.43 0.00
WALDEN__HYDRO 24148	23.35 1.12 0.00	21.44 1.01 0.00	19.82 0.84 0.00	21.50 0.92 0.00	19.68 0.79 0.00	20.77 0.93 0.00	23.20 1.05 0.00	23.65 1.23 0.00	26.37 1.50 0.00	28.57 1.62 0.00	32.48 2.22 0.70	35.67 2.60 0.82	38.48 3.23 0.31	35.69 3.20 4.82	41.19 3.11 0.00	47.98 3.63 0.00	48.87 3.87 0.00	45.24 3.60 0.00	42.87 3.25 0.00	44.85 3.38 0.00	45.44 3.31 0.00	40.77 2.94 0.00	39.31 2.61 0.00	36.86 2.06 0.00
WARRENSBURG____ 23737	24.30 2.06 0.00	22.15 1.72 0.00	20.39 1.41 0.00	22.07 1.50 0.00	20.17 1.27 0.00	21.08 1.23 0.00	23.48 1.33 0.00	23.79 1.38 0.00	26.12 1.25 0.00	28.03 1.09 0.00	32.31 0.99 -0.35	35.59 1.30 -0.41	37.46 1.75 -0.15	41.84 2.03 -2.51	40.35 2.28 0.00	46.96 2.61 0.00	48.49 3.48 0.00	44.89 3.25 0.00	42.91 3.29 0.00	45.00 3.54 0.00	45.70 3.58 0.00	40.85 3.02 0.00	39.43 2.74 0.00	36.89 2.08 0.00
WATERSIDE____6 8 9 23538	23.51 1.28 0.00	21.61 1.18 0.00	19.98 1.01 0.00	21.64 1.07 0.00	19.83 0.94 0.00	20.94 1.10 0.00	23.41 1.27 0.00	23.91 1.50 0.00	26.70 1.83 0.00	28.97 2.03 0.00	35.99 2.78 -2.24	39.72 3.22 -2.61	40.44 3.90 -0.98	57.19 3.82 -16.07	41.41 3.65 0.31	48.41 4.09 0.03	38.53 4.27 10.74	44.26 3.87 1.25	43.02 3.44 0.04	45.68 3.55 -0.66	47.04 3.47 -1.44	40.56 3.19 0.46	38.97 2.95 0.67	27.93 2.44 9.31
WATKINRD_115KV_LN8_ILLION 55919	22.48 0.24 0.00	20.62 0.19 0.00	19.12 0.14 0.00	20.76 0.18 0.00	19.03 0.14 0.00	20.00 0.16 0.00	22.34 0.20 0.00	22.64 0.22 0.00	25.00 0.13 0.00	26.96 0.02 0.00	31.10 0.13 0.00	34.21 0.33 0.00	36.20 0.64 0.00	37.95 0.65 0.00	38.85 0.77 0.00	45.12 0.77 0.00	45.94 0.94 0.00	42.46 0.82 0.00	40.37 0.75 0.00	42.33 0.87 0.00	43.05 0.93 0.00	38.69 0.86 0.00	37.36 0.66 0.00	35.16 0.36 0.00
WATSON__69_KV_BK 1 55734	23.68 1.45 0.00	21.88 1.46 0.00	20.28 1.31 0.00	22.01 1.43 0.00	20.10 1.20 0.00	21.22 1.38 0.00	23.63 1.48 0.00	24.20 1.78 0.00	26.84 1.97 0.00	29.09 2.14 0.00	37.88 3.44 -3.47	42.09 4.26 -3.95	42.07 4.88 -1.64	58.24 4.70 -16.24	42.63 4.55 0.00	49.24 4.89 0.00	50.27 5.27 0.00	46.48 4.84 0.00	43.81 4.19 0.00	45.64 4.17 0.00	43.17 3.98 2.93	37.73 3.50 3.60	39.91 3.21 0.00	37.51 2.71 0.00
WDELAWARE__HYD 323627	22.78 0.54 0.00	20.89 0.46 0.00	19.29 0.31 0.00	20.90 0.33 0.00	19.15 0.25 0.00	20.19 0.35 0.00	22.57 0.43 0.00	23.00 0.59 0.00	25.66 0.80 0.00	27.81 0.87 0.00	31.80 1.32 0.49	34.93 1.61 0.57	37.59 2.25 0.21	36.18 2.25 3.37	40.21 2.13 0.00	46.96 2.61 0.00	47.96 2.96 0.00	44.38 2.73 0.00	42.07 2.46 0.00	44.07 2.60 0.00	44.56 2.43 0.00	39.91 2.08 0.00	38.43 1.74 0.00	35.99 1.20 0.00
WEST BABYLON__IC 23714	23.65 1.42 0.00	21.84 1.41 0.00	20.24 1.26 0.00	21.94 1.37 0.00	20.05 1.16 0.00	21.17 1.33 0.00	23.58 1.44 0.00	24.14 1.72 0.00	26.79 1.93 0.00	29.04 2.09 0.00	37.77 3.33 -3.47	41.90 4.06 -3.95	41.85 4.65 -1.64	58.03 4.49 -16.24	42.43 4.35 0.00	49.06 4.71 0.00	50.10 5.10 0.00	46.35 4.71 0.00	43.68 4.07 0.00	45.48 4.02 0.00	43.21 3.85 2.76	37.87 3.42 3.38	39.90 3.20 0.00	37.56 2.76 0.00

WEST CANADA___HYD 24049	22.34 0.10 0.00	20.52 0.10 0.00	19.06 0.08 0.00	20.68 0.10 0.00	18.97 0.07 0.00	19.94 0.10 0.00	22.25 0.10 0.00	22.55 0.13 0.00	25.01 0.14 0.00	27.06 0.12 0.00	31.19 0.22 0.00	34.19 0.30 0.00	35.99 0.43 0.00	37.72 0.41 0.00	38.49 0.42 0.00	44.79 0.44 0.00	45.50 0.50 0.00	42.10 0.45 0.00	40.03 0.41 0.00	41.92 0.45 0.00	42.57 0.44 0.00	38.21 0.38 0.00	36.99 0.29 0.00	34.97 0.17 0.00
WESTERN_NY_WIND 24143	23.12 0.88 0.00	21.10 0.68 0.00	19.43 0.45 0.00	20.98 0.40 0.00	19.10 0.20 0.00	20.28 0.44 0.00	22.46 0.32 0.00	22.66 0.24 0.00	24.92 0.04 0.00	26.96 0.02 0.00	31.17 0.20 0.00	33.87 -0.02 0.00	35.80 0.24 0.00	37.91 0.61 0.00	38.73 0.66 0.00	44.65 0.30 0.00	46.23 1.23 0.00	42.36 0.72 0.00	40.27 0.65 0.00	41.78 0.32 0.00	42.27 0.15 0.00	38.03 0.20 0.00	36.69 0.00 0.00	35.04 0.23 0.00
WESTOVER___LESR 323668	22.63 0.39 0.00	20.73 0.31 0.00	19.18 0.20 0.00	20.84 0.27 0.00	19.02 0.13 0.00	20.11 0.27 0.00	22.40 0.25 0.00	22.69 0.27 0.00	25.16 0.29 0.00	27.30 0.36 0.00	31.62 0.65 0.00	34.78 0.89 0.00	36.65 1.09 0.00	38.37 1.06 -0.01	39.22 1.14 0.00	45.91 1.20 -0.36	46.75 1.38 -0.38	42.81 1.04 -0.13	40.65 1.00 -0.03	42.67 1.00 -0.20	43.02 0.74 -0.14	38.62 0.79 0.00	37.26 0.54 -0.02	35.23 0.42 -0.01
WETHRSFD_WT_PWR 323626	22.65 0.41 0.00	20.71 0.28 0.00	19.10 0.12 0.00	20.68 0.10 0.00	18.78 -0.11 0.00	19.89 0.05 0.00	21.91 -0.24 0.00	21.93 -0.49 0.00	24.09 -0.78 0.00	26.28 -0.67 0.00	30.51 -0.45 0.00	33.37 -0.52 0.00	35.01 -0.55 0.00	36.84 -0.46 0.00	37.77 -0.30 0.00	43.63 -0.72 0.00	44.85 -0.15 0.00	41.18 -0.47 0.00	39.19 -0.42 0.00	40.75 -0.72 0.00	41.04 -1.08 0.00	36.93 -0.91 0.00	35.67 -1.02 0.00	34.04 -0.76 0.00
WHAVSTOR_138KV_BK127 55557	23.25 1.02 0.00	21.38 0.96 0.00	19.79 0.81 0.00	21.47 0.89 0.00	19.65 0.76 0.00	20.74 0.89 0.00	23.14 0.99 0.00	23.56 1.14 0.00	26.34 1.47 0.00	28.56 1.62 0.00	29.84 2.25 3.38	32.59 2.64 3.93	37.33 3.25 1.48	16.18 3.19 24.31	41.10 3.03 0.00	47.83 3.48 0.00	48.71 3.71 0.00	45.06 3.42 0.00	42.67 3.04 0.00	44.66 3.19 0.00	45.29 3.16 0.00	40.68 2.85 0.00	39.25 2.56 0.00	36.80 2.00 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.25 1.02 0.00	21.38 0.96 0.00	19.79 0.81 0.00	21.47 0.89 0.00	19.65 0.76 0.00	20.74 0.89 0.00	23.14 0.99 0.00	23.56 1.14 0.00	26.34 1.47 0.00	28.56 1.62 0.00	29.84 2.25 3.38	32.59 2.64 3.93	37.33 3.25 1.48	16.18 3.19 24.31	41.10 3.03 0.00	47.83 3.48 0.00	48.71 3.71 0.00	45.06 3.42 0.00	42.67 3.04 0.00	44.66 3.19 0.00	45.29 3.16 0.00	40.68 2.85 0.00	39.25 2.56 0.00	36.80 2.00 0.00
WHITEHAL_115KV_TB1 80871	24.66 2.42 0.00	22.32 1.89 0.00	20.32 1.34 0.00	22.12 1.55 0.00	20.38 1.49 0.00	21.45 1.60 0.00	23.99 1.85 0.00	24.29 1.87 0.00	26.62 1.75 0.00	28.17 1.22 0.00	32.39 1.07 -0.35	35.77 1.47 -0.41	37.68 1.97 -0.15	42.15 2.32 -2.53	41.24 3.16 0.00	48.20 3.85 0.00	49.91 4.91 0.00	46.17 4.53 0.00	44.33 4.71 0.00	46.38 4.91 0.00	46.85 4.73 0.00	41.72 3.89 0.00	40.46 3.76 0.00	37.68 2.88 0.00
WHITEPLN_13_KV_LOAD 356215	23.67 1.44 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.79 1.21 0.00	19.94 1.05 0.00	21.07 1.22 0.00	23.56 1.42 0.00	24.05 1.63 0.00	26.86 1.99 0.00	29.15 2.21 0.00	36.33 2.97 -2.39	40.12 3.45 -2.78	40.71 4.10 -1.05	58.63 4.15 -17.18	42.14 4.06 0.00	49.03 4.68 0.00	49.93 4.93 0.00	46.20 4.55 0.00	43.69 4.08 0.00	45.63 4.16 0.00	46.19 4.06 0.00	41.46 3.63 0.00	39.98 3.29 0.00	37.47 2.67 0.00
WM_FLOYD_69_KV_BK2 356380	23.34 1.10 0.00	21.61 1.18 0.00	20.06 1.08 0.00	21.79 1.21 0.00	19.89 0.99 0.00	20.99 1.14 0.00	23.35 1.21 0.00	23.88 1.46 0.00	26.46 1.59 0.00	28.63 1.69 0.00	37.32 2.88 -3.47	41.46 3.62 -3.95	41.43 4.24 -1.64	57.69 4.15 -16.24	42.22 4.15 0.00	48.59 4.24 0.00	49.57 4.57 0.00	45.85 4.21 0.00	43.16 3.54 0.00	44.93 3.46 0.00	42.37 3.25 3.01	36.90 2.76 3.69	39.18 2.49 0.00	36.78 1.98 0.00
WOODARD___115KV_TB2 355635	22.18 -0.05 0.00	20.36 -0.07 0.00	18.86 -0.11 0.00	20.45 -0.12 0.00	18.74 -0.15 0.00	19.75 -0.09 0.00	21.98 -0.16 0.00	22.27 -0.15 0.00	24.68 -0.19 0.00	26.77 -0.17 0.00	30.94 -0.03 0.00	33.89 0.01 0.00	35.64 0.08 0.00	37.45 0.13 -0.02	38.27 0.20 0.00	45.22 0.18 -0.69	46.05 0.32 -0.73	42.17 0.28 -0.25	39.96 0.29 -0.06	42.09 0.23 -0.39	42.52 0.12 -0.28	37.87 0.03 0.00	36.61 -0.11 -0.03	34.61 -0.21 -0.02
YORK___WARBASSE 23770	23.66 1.42 0.00	21.74 1.31 0.00	20.09 1.11 0.00	21.77 1.19 0.00	19.94 1.05 0.00	21.06 1.21 0.00	23.55 1.40 0.00	24.04 1.62 0.00	26.84 1.97 0.00	29.12 2.18 0.00	36.15 2.94 -2.24	39.90 3.40 -2.61	40.63 4.09 -0.98	57.64 4.04 -16.30	44.05 3.87 -2.11	49.73 4.38 -1.00	142.21 4.61 -92.59	59.91 4.17 -14.10	53.14 3.71 -9.81	49.77 3.79 -4.51	53.49 3.75 -7.62	44.35 3.40 -3.12	44.38 3.15 -4.53	100.02 2.64 -62.58
MORRIS_RIDGE___SOLAR 323848	23.97 0.17 0.00	35.36 -0.19 0.00	37.15 -0.15 0.00	38.07 0.00 0.00	44.17 -0.32 0.00	45.39 0.24 -0.15	41.65 -0.05 -0.05	39.57 -0.06 -0.01	41.24 -0.32 -0.08	41.46 -0.73 -0.06	37.21 -0.62 0.00	35.90 -0.80 -0.01	34.14 -0.67 0.00											