

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/11/2024

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	21.85	20.12	20.12	19.20	20.73	21.53	31.38	35.59	31.67	28.69	28.50	28.44	29.57	31.89	33.24	36.89	41.72	55.68	46.97	39.90	37.25	31.10	27.13	24.33
24138	1.43	1.26	1.21	1.12	1.21	1.30	1.94	2.36	2.29	2.03	2.04	2.03	2.21	2.33	2.38	2.98	3.41	4.51	3.68	3.12	2.79	2.17	1.87	1.55
	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	0.02	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.96	20.22	20.25	19.29	20.81	21.59	31.47	35.66	31.69	28.75	28.55	28.49	29.63	31.95	33.30	36.92	41.79	55.79	47.06	40.02	37.36	31.16	27.23	24.42
24260	1.53	1.36	1.34	1.21	1.29	1.36	2.03	2.43	2.32	2.08	2.09	2.09	2.27	2.39	2.44	3.02	3.49	4.61	3.77	3.24	2.89	2.23	1.97	1.64
	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	0.02	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.96	20.22	20.25	19.29	20.81	21.59	31.47	35.66	31.69	28.75	28.55	28.49	29.63	31.95	33.30	36.92	41.79	55.79	47.06	40.02	37.36	31.16	27.23	24.42
24261	1.53	1.36	1.34	1.21	1.29	1.36	2.03	2.43	2.32	2.08	2.09	2.09	2.27	2.39	2.44	3.02	3.49	4.61	3.77	3.24	2.89	2.23	1.97	1.64
	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	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.36	19.76	19.78	18.88	20.40	21.27	30.97	34.86	30.84	27.92	27.68	27.54	28.53	30.83	32.28	35.67	40.30	54.12	45.63	38.77	36.19	30.32	26.42	24.24
24011	0.94	0.91	0.87	0.80	0.88	1.03	1.53	1.63	1.47	1.25	1.22	1.14	1.18	1.27	1.42	1.76	1.99	2.92	2.34	1.99	1.72	1.39	1.16	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.87	20.24	20.23	19.33	20.44	21.33	31.06	34.96	30.93	28.00	27.73	27.59	28.61	30.89	32.34	35.74	40.45	54.32	45.80	38.91	36.29	30.41	26.47	24.33
23798	1.45	1.38	1.32	1.25	0.92	1.09	1.62	1.73	1.56	1.33	1.27	1.19	1.26	1.33	1.48	1.83	2.14	3.12	2.51	2.13	1.83	1.47	1.21	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	21.36	19.76	19.78	18.88	20.40	21.27	30.97	34.86	30.84	27.92	27.68	27.54	28.53	30.83	32.28	35.67	40.30	54.12	45.63	38.77	36.19	30.32	26.42	24.24
24028	0.94	0.91	0.87	0.80	0.88	1.03	1.53	1.63	1.47	1.25	1.22	1.14	1.18	1.27	1.42	1.76	1.99	2.92	2.34	1.99	1.72	1.39	1.16	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	21.59	19.93	20.01	19.11	20.59	21.37	31.09	35.12	31.08	28.16	27.94	27.88	28.75	31.21	32.62	35.97	40.68	54.37	45.93	39.06	36.49	30.61	26.70	24.08
23527	1.16	1.07	1.10	1.03	1.07	1.13	1.65	1.89	1.70	1.49	1.48	1.48	1.39	1.65	1.76	2.07	2.38	3.18	2.64	2.28	2.03	1.68	1.44	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.24	19.61	19.70	18.82	20.30	21.05	30.59	34.53	30.58	27.71	27.47	27.41	28.40	30.71	32.09	35.40	40.03	53.50	45.20	38.40	35.94	30.12	26.27	23.65
24190	0.82	0.75	0.79	0.74	0.78	0.81	1.15	1.30	1.20	1.04	1.01	1.00	1.04	1.15	1.23	1.49	1.72	2.30	1.90	1.62	1.48	1.19	1.01	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	20.24	18.69	18.69	13.64	9.70	12.04	11.67	29.67	11.71	24.33	24.17	24.11	25.03	27.08	28.29	31.49	37.78	48.64	39.86	17.83	25.17	15.17	23.50	21.22
355683	-0.18	-0.17	-0.21	-0.20	-0.21	-0.22	-0.29	-0.37	-0.32	-0.27	-0.24	-0.24	-0.22	-0.24	-0.25	-0.37	-0.38	-0.51	-0.39	-0.40	-0.34	-0.29	-0.23	-0.18
	0.00	0.00	0.01	4.24	9.61	7.98	17.48	3.20	17.34	2.07	2.05	2.05	2.11	2.24	2.32	2.04	0.15	2.05	3.05	18.55	8.95	13.47	1.53	1.38
ALBANY_1_SOLAR	21.34	19.73	19.80	18.91	20.42	21.17	30.77	34.66	30.61	27.65	27.36	27.30	28.29	30.62	32.06	35.43	40.11	53.71	45.33	38.55	36.08	30.26	26.34	23.74
323833	0.92	0.87	0.89	0.83	0.90	0.93	1.33	1.43	1.23	0.99	0.90	0.90	0.93	1.06	1.20	1.53	1.80	2.51	2.04	1.77	1.62	1.33	1.09	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	21.34	19.73	19.80	18.91	20.40	21.17	30.77	34.63	30.58	27.65	27.36	27.27	28.29	30.62	32.06	35.43	40.11	53.71	45.33	38.55	36.05	30.26	26.34	23.74
323834	0.92	0.87	0.89	0.83	0.88	0.93	1.33	1.40	1.20	0.99	0.90	0.87	0.93	1.06	1.20	1.53	1.80	2.51	2.04	1.77	1.59	1.33	1.09	0.96
	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	21.24	19.61	19.70	18.82	20.30	21.05	30.59	34.53	30.58	27.71	27.47	27.41	28.40	30.71	32.09	35.40	40.03	53.50	45.20	38.40	35.94	30.12	26.27	23.65
23571	0.82	0.75	0.79	0.74	0.78	0.81	1.15	1.30	1.20	1.04	1.01	1.00	1.04	1.15	1.23	1.49	1.72	2.30	1.90	1.62	1.48	1.19	1.01	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	21.24 0.82 0.00	19.61 0.75 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.30 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.40 1.04 0.00	30.71 1.15 0.00	32.09 1.23 0.00	35.40 1.49 0.00	40.03 1.72 0.00	53.50 2.30 0.00	45.20 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
ALBANY___3 23573	21.24 0.82 0.00	19.61 0.75 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.30 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.40 1.04 0.00	30.71 1.15 0.00	32.09 1.23 0.00	35.40 1.49 0.00	40.03 1.72 0.00	53.50 2.30 0.00	45.20 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
ALBANY___4 23574	21.24 0.82 0.00	19.61 0.75 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.30 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.40 1.04 0.00	30.71 1.15 0.00	32.09 1.23 0.00	35.40 1.49 0.00	40.03 1.72 0.00	53.50 2.30 0.00	45.20 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
ALBANY___LFGE 323615	21.34 0.92 0.00	19.73 0.87 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.15 0.91 0.00	30.77 1.33 0.00	34.69 1.46 0.00	30.73 1.35 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.54 1.13 0.00	28.56 1.20 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.60 1.69 0.00	40.26 1.95 0.00	53.81 2.61 0.00	45.41 2.12 0.00	38.62 1.84 0.00	36.12 1.65 0.00	30.29 1.36 0.00	26.37 1.11 0.00	23.76 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	20.32 -0.10 0.00	18.75 -0.11 0.00	18.75 -0.15 0.01	13.69 -0.14 4.24	9.76 -0.16 9.61	12.12 -0.14 7.98	11.75 -0.21 17.48	29.93 -0.10 3.20	11.83 -0.21 17.34	24.41 -0.19 2.07	24.27 -0.13 2.05	24.22 -0.13 2.05	25.14 -0.11 2.11	27.20 -0.12 2.24	28.42 -0.12 2.32	31.63 -0.24 2.04	37.93 -0.23 0.15	48.84 -0.31 2.05	40.03 -0.22 3.05	17.98 -0.26 18.55	25.31 -0.21 8.95	15.29 -0.17 13.47	23.60 -0.13 1.53	21.33 -0.07 1.38
ALCOA_RYNLDS___DRP 24188	20.32 -0.10 0.00	18.75 -0.11 0.00	18.75 -0.15 0.01	13.69 -0.14 4.24	9.76 -0.16 9.61	12.12 -0.14 7.98	11.75 -0.21 17.48	29.93 -0.10 3.20	11.83 -0.21 17.34	24.41 -0.19 2.07	24.27 -0.13 2.05	24.22 -0.13 2.05	25.14 -0.11 2.11	27.20 -0.12 2.24	28.42 -0.12 2.32	31.63 -0.24 2.04	37.93 -0.23 0.15	48.84 -0.31 2.05	40.03 -0.22 3.05	17.98 -0.26 18.55	25.31 -0.21 8.95	15.29 -0.17 13.47	23.60 -0.13 1.53	21.33 -0.07 1.38
ALCOA___DSASP 323711	20.32 -0.10 0.00	18.75 -0.11 0.00	18.75 -0.15 0.01	13.69 -0.15 4.24	9.76 -0.16 9.61	12.12 -0.14 7.98	11.76 -0.20 17.48	29.93 -0.10 3.20	11.83 -0.20 17.34	24.42 -0.19 2.07	24.27 -0.13 2.05	24.22 -0.13 2.05	25.14 -0.11 2.11	27.20 -0.12 2.24	28.42 -0.12 2.32	31.63 -0.24 2.04	37.93 -0.23 0.15	48.84 -0.31 2.05	40.03 -0.22 3.05	17.98 -0.26 18.55	25.31 -0.21 8.95	15.29 -0.17 13.47	23.60 -0.13 1.53	21.33 -0.07 1.38
ALLEGHENY___COGEN 23514	19.99 -0.43 0.00	18.37 -0.49 0.00	18.32 -0.59 0.00	17.56 -0.52 0.00	19.11 -0.41 0.00	20.05 -0.18 0.00	29.44 0.00 0.00	33.20 -0.03 0.00	28.76 -0.62 0.00	25.92 -0.75 0.00	25.59 -0.87 0.00	25.48 -0.92 0.00	25.99 -1.37 0.00	28.32 -1.24 0.00	29.56 -1.29 0.00	31.87 -2.03 0.00	36.39 -1.91 0.00	48.48 -2.15 0.57	41.82 -1.47 0.00	35.75 -1.03 0.00	33.50 -0.96 0.00	28.44 -0.49 0.00	24.80 -0.45 0.00	22.62 -0.16 0.00
ALTAMONT_115KV_TB 2 55880	21.08 0.65 0.00	19.46 0.60 0.00	19.55 0.64 0.00	18.68 0.60 0.00	20.17 0.64 0.00	20.88 0.65 0.00	30.38 0.94 0.00	34.26 1.03 0.00	30.34 0.97 0.00	27.49 0.83 0.00	27.25 0.79 0.00	27.19 0.79 0.00	28.18 0.82 0.00	30.47 0.92 0.00	31.85 0.99 0.00	35.09 1.19 0.00	39.69 1.38 0.00	53.04 1.84 0.00	44.81 1.52 0.00	38.10 1.32 0.00	35.67 1.21 0.00	29.89 0.95 0.00	26.07 0.81 0.00	23.49 0.71 0.00
ALTONA_WT_PWR 323606	20.08 -0.35 0.00	18.48 -0.38 0.00	18.28 -0.62 0.01	13.46 -0.69 3.93	9.80 -0.82 8.90	-6.96 -0.81 26.39	-6.94 -1.06 35.32	-7.10 -1.23 39.11	-7.03 -1.12 35.29	-7.09 -1.01 32.74	-7.09 -0.98 32.57	-7.09 -0.98 32.52	-7.06 -0.98 33.44	-7.07 -1.12 35.50	-7.04 -1.14 36.76	0.22 -1.32 32.36	34.59 -1.42 2.30	34.58 -1.79 14.82	-6.39 -1.39 48.30	-7.01 -1.32 42.46	-7.05 -1.21 40.30	15.45 -1.01 12.47	0.06 -0.93 24.26	0.08 -0.87 21.84
AMERICAN_REF_FUEL 24010	18.71 -1.72 0.00	17.18 -1.68 0.00	17.11 -1.80 0.00	16.42 -1.66 0.00	17.86 -1.66 0.00	18.76 -1.48 0.00	26.97 -2.47 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.79 -2.88 0.00	23.74 -2.72 0.00	23.74 -2.67 0.00	24.21 -3.14 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.95 -4.95 0.01	32.59 -5.71 0.01	40.94 -7.93 2.33	36.96 -6.32 0.01	31.51 -5.26 0.01	30.05 -4.41 0.00	25.81 -3.13 0.00	22.76 -2.50 0.00	21.19 -1.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.85 -1.57 0.00	17.26 -1.60 0.00	17.21 -1.70 0.00	16.52 -1.56 0.00	18.02 -1.50 0.00	18.98 -1.25 0.00	27.47 -1.97 0.00	30.61 -2.63 0.00	26.64 -2.73 0.00	24.29 -2.37 0.00	24.24 -2.22 0.00	24.26 -2.14 0.00	24.73 -2.63 0.00	26.96 -2.60 0.00	27.68 -3.18 0.00	29.73 -4.17 0.01	33.55 -4.75 0.01	42.89 -6.55 1.76	38.44 -4.85 0.01	32.77 -4.01 0.01	30.95 -3.52 0.00	26.47 -2.46 0.00	23.31 -1.94 0.00	21.66 -1.12 0.00
ARTHUR KILL_GT_1 23520	22.23 1.80 -0.01	20.47 1.60 -0.01	20.49 1.57 -0.01	19.53 1.45 -0.01	21.11 1.58 -0.01	21.86 1.62 0.00	31.62 2.18 0.00	35.59 2.36 0.00	31.43 2.06 0.00	28.45 1.79 0.00	28.28 1.82 0.00	28.22 1.82 0.00	29.38 2.02 0.00	31.71 2.16 0.00	33.11 2.25 0.00	36.82 2.92 0.00	41.49 3.18 0.00	55.48 4.30 0.02	46.76 3.46 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.19 2.26 0.00	27.45 2.20 0.00	24.70 1.91 -0.01
ARTHUR_KILL_2 23512	22.17 1.74 -0.01	20.43 1.56 -0.01	20.43 1.51 -0.01	19.50 1.41 -0.01	21.05 1.52 -0.01	21.82 1.58 0.00	31.56 2.12 0.00	35.52 2.29 0.00	31.37 2.00 0.00	28.40 1.73 0.00	28.21 1.75 0.00	28.17 1.77 0.00	29.30 1.94 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.72 2.81 0.00	41.37 3.07 0.00	55.32 4.15 0.02	46.63 3.33 0.00	39.65 2.87 0.00	37.15 2.69 0.00	31.10 2.17 0.00	27.38 2.12 0.00	24.66 1.87 -0.01
ARTHUR_KILL_3 23513	21.73 1.31 0.00	20.01 1.15 0.00	20.01 1.10 0.00	19.07 0.99 0.00	20.61 1.09 0.00	21.39 1.15 0.00	31.18 1.74 0.00	35.36 2.13 0.00	31.49 2.12 0.00	28.50 1.84 0.00	28.34 1.88 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.69 2.13 0.00	33.05 2.19 0.00	36.65 2.75 0.00	41.45 3.14 0.00	55.32 4.15 0.02	46.71 3.42 0.00	39.69 2.90 0.00	37.08 2.62 0.00	30.93 1.99 0.00	27.00 1.74 0.00	24.19 1.41 0.00

ARTHUR_KILL_COGEN 323718	22.23 1.80 -0.01	20.47 1.60 -0.01	20.49 1.57 -0.01	19.53 1.45 -0.01	21.11 1.58 -0.01	21.86 1.62 0.00	31.62 2.18 0.00	35.59 2.36 0.00	31.43 2.06 0.00	28.45 1.79 0.00	28.28 1.82 0.00	28.22 1.82 0.00	29.38 2.02 0.00	31.71 2.16 0.00	33.11 2.25 0.00	36.82 2.92 0.00	41.49 3.18 0.00	55.48 4.30 0.02	46.76 3.46 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.19 2.26 0.00	27.45 2.20 0.00	24.70 1.91 -0.01
ASHOKAN____ 23654	21.42 1.00 0.00	19.73 0.87 0.00	19.80 0.89 0.00	18.91 0.83 0.00	20.42 0.90 0.00	21.19 0.95 0.00	30.88 1.44 0.00	34.76 1.53 0.00	30.81 1.44 0.00	27.71 1.04 0.00	27.28 0.82 0.00	27.09 0.69 0.00	28.20 0.85 0.00	30.47 0.92 0.00	32.03 1.17 0.00	35.57 1.66 0.00	40.41 2.11 0.00	54.20 3.02 0.02	45.71 2.42 0.00	38.73 1.95 0.00	36.22 1.76 0.00	30.29 1.36 0.00	26.34 1.09 0.00	23.71 0.93 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.42 2.06 0.01	28.47 1.81 0.01	28.30 1.85 0.01	28.24 1.85 0.01	29.37 2.02 0.01	31.68 2.13 0.01	33.01 2.16 0.01	36.68 2.78 0.01	41.40 3.10 0.01	55.27 4.10 0.03	46.62 3.33 0.01	39.60 2.83 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.42 2.06 0.01	28.47 1.81 0.01	28.30 1.85 0.01	28.24 1.85 0.01	29.37 2.02 0.01	31.68 2.13 0.01	33.01 2.16 0.01	36.68 2.78 0.01	41.40 3.10 0.01	55.27 4.10 0.03	46.62 3.33 0.01	39.60 2.83 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT2_1 24094	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT2_2 24095	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT2_3 24096	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT2_4 24097	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT3_1 24098	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT3_2 24099	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT3_3 24100	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT3_4 24101	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT4_1 24102	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT4_2 24103	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT4_3 24104	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00

ASTORIA_GT4_4 24105	21.98 1.55 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.29 2.06 0.00	31.43 2.06 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.63 3.33 0.00	39.61 2.83 0.00	37.05 2.58 0.00	30.87 1.94 0.00	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA_GT_1 23523	21.97 1.55 0.00	20.20 1.34 0.00	20.18 1.27 0.00	19.22 1.14 0.00	20.81 1.29 0.00	21.51 1.28 0.00	31.30 1.86 0.00	35.36 2.13 0.00	31.48 2.12 0.01	28.52 1.87 0.01	28.33 1.88 0.01	28.30 1.90 0.01	29.43 2.08 0.01	31.74 2.19 0.01	33.07 2.22 0.01	36.75 2.85 0.01	41.48 3.18 0.01	55.42 4.25 0.03	46.70 3.42 0.01	39.68 2.90 0.01	37.11 2.65 0.01	30.92 1.99 0.01	27.15 1.90 0.00	24.42 1.64 0.00
ASTORIA_GT_10 24110	21.93 1.51 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.26 1.18 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.35 1.57 0.00
ASTORIA_GT_11 24225	21.93 1.51 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.26 1.18 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.35 1.57 0.00
ASTORIA_GT_12 24226	21.93 1.51 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.26 1.18 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.35 1.57 0.00
ASTORIA_GT_13 24227	21.93 1.51 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.26 1.18 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.35 1.57 0.00
ASTORIA_GT_5 24106	22.00 1.57 0.00	20.24 1.38 0.00	20.25 1.34 0.00	19.26 1.18 0.00	20.81 1.29 0.00	21.51 1.27 0.00	31.33 1.88 0.00	35.36 2.13 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.08 2.22 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.93 2.00 0.00	27.15 1.89 0.00	24.42 1.64 0.00
ASTORIA_GT_7 24107	22.00 1.57 0.00	20.24 1.38 0.00	20.25 1.34 0.00	19.26 1.18 0.00	20.81 1.29 0.00	21.51 1.27 0.00	31.33 1.88 0.00	35.36 2.13 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.08 2.22 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.93 2.00 0.00	27.15 1.89 0.00	24.42 1.64 0.00
ASTORIA_GT_8 24108	22.00 1.57 0.00	20.24 1.38 0.00	20.25 1.34 0.00	19.26 1.18 0.00	20.81 1.29 0.00	21.51 1.27 0.00	31.33 1.88 0.00	35.36 2.13 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.08 2.22 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.93 2.00 0.00	27.15 1.89 0.00	24.42 1.64 0.00
ASTORIA___2 24149	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.42 2.06 0.01	28.47 1.81 0.01	28.30 1.85 0.01	28.24 1.85 0.01	29.37 2.02 0.01	31.68 2.13 0.01	33.01 2.16 0.01	36.68 2.78 0.01	41.40 3.10 0.01	55.27 4.10 0.03	46.62 3.33 0.01	39.60 2.83 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
ASTORIA___3 23516	21.89 1.47 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.30 1.86 0.00	35.39 2.16 0.00	31.46 2.09 0.00	28.50 1.84 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.90 0.00	37.12 2.65 0.00	30.96 2.02 0.00	27.13 1.87 0.00	24.35 1.57 0.00
ASTORIA___4 23517	21.93 1.51 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.26 1.18 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.35 1.57 0.00
ASTORIA___5 23518	21.89 1.47 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.30 1.86 0.00	35.39 2.16 0.00	31.46 2.09 0.00	28.50 1.84 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.90 0.00	37.12 2.65 0.00	30.96 2.02 0.00	27.13 1.87 0.00	24.35 1.57 0.00
AST_ENERGY_2_CC3 323677	21.77 1.35 0.00	20.05 1.19 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.65 1.13 0.00	21.43 1.19 0.00	31.21 1.77 0.00	35.36 2.13 0.00	31.43 2.06 0.00	28.50 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.41 3.10 0.00	55.28 4.10 0.02	46.67 3.38 0.00	39.65 2.87 0.00	37.05 2.59 0.00	30.93 1.99 0.00	27.00 1.74 0.00	24.22 1.44 0.00
AST_ENERGY_2_CC4 323678	21.77 1.35 0.00	20.05 1.19 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.65 1.13 0.00	21.43 1.19 0.00	31.21 1.77 0.00	35.36 2.13 0.00	31.43 2.06 0.00	28.50 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.41 3.10 0.00	55.28 4.10 0.02	46.67 3.38 0.00	39.65 2.87 0.00	37.05 2.59 0.00	30.93 1.99 0.00	27.00 1.74 0.00	24.22 1.44 0.00

ATHENS_STG_1 23668	21.08 0.65 0.00	19.48 0.62 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.16 0.64 0.00	20.86 0.63 0.00	30.32 0.88 0.00	34.26 1.03 0.00	30.37 1.00 0.00	27.55 0.88 0.00	27.31 0.85 0.00	27.25 0.84 0.00	28.29 0.93 0.00	30.53 0.97 0.00	31.88 1.02 0.00	35.19 1.29 0.00	39.80 1.49 0.00	53.13 1.95 0.02	44.89 1.60 0.00	38.14 1.36 0.00	35.74 1.28 0.00	29.92 0.98 0.00	26.09 0.83 0.00	23.49 0.71 0.00
ATHENS_STG_2 23670	21.08 0.65 0.00	19.48 0.62 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.16 0.64 0.00	20.86 0.63 0.00	30.32 0.88 0.00	34.26 1.03 0.00	30.37 1.00 0.00	27.55 0.88 0.00	27.31 0.85 0.00	27.25 0.84 0.00	28.29 0.93 0.00	30.53 0.97 0.00	31.88 1.02 0.00	35.19 1.29 0.00	39.80 1.49 0.00	53.13 1.95 0.02	44.89 1.60 0.00	38.14 1.36 0.00	35.74 1.28 0.00	29.92 0.98 0.00	26.09 0.83 0.00	23.49 0.71 0.00
ATHENS_STG_3 23677	21.08 0.65 0.00	19.48 0.62 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.16 0.64 0.00	20.86 0.63 0.00	30.32 0.88 0.00	34.26 1.03 0.00	30.37 1.00 0.00	27.55 0.88 0.00	27.31 0.85 0.00	27.25 0.84 0.00	28.29 0.93 0.00	30.53 0.97 0.00	31.88 1.02 0.00	35.19 1.29 0.00	39.80 1.49 0.00	53.13 1.95 0.02	44.89 1.60 0.00	38.14 1.36 0.00	35.74 1.28 0.00	29.92 0.98 0.00	26.09 0.83 0.00	23.49 0.71 0.00
AUBURN___LFGE 323710	20.24 -0.18 0.00	18.65 -0.21 0.00	18.70 -0.21 0.00	17.90 -0.18 0.00	19.37 -0.16 0.00	20.16 -0.08 0.00	29.47 0.03 0.00	33.20 -0.03 0.00	29.40 0.03 0.00	26.72 0.05 0.00	26.49 0.03 0.00	26.46 0.05 0.00	27.36 0.00 0.00	29.59 0.03 0.00	30.89 0.03 0.00	33.70 -0.20 0.00	38.16 -0.15 0.00	53.60 -0.15 -2.55	43.16 -0.13 0.00	36.67 -0.11 0.00	34.36 -0.10 0.00	28.90 -0.03 0.00	25.23 -0.03 0.00	22.76 -0.02 0.00
BABYLON_RES_REC 323704	22.20 1.78 0.00	20.37 1.51 0.00	20.29 1.38 0.00	19.33 1.25 0.00	20.85 1.33 0.00	21.71 1.48 0.00	31.00 1.56 0.00	34.53 1.29 0.00	31.46 2.09 0.00	28.80 2.13 0.00	28.53 2.07 0.00	28.52 2.11 0.00	29.73 2.38 0.00	31.77 2.22 0.00	32.90 2.04 0.00	36.41 2.51 0.00	41.95 3.64 0.00	59.65 4.71 -3.74	47.19 3.90 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.30 2.63 -0.74	27.58 2.32 0.00	24.67 1.89 0.00
BABYLON__69_KV_BK2 356345	22.38 1.96 0.00	20.54 1.68 0.00	20.46 1.55 0.00	19.54 1.46 0.00	20.99 1.46 0.00	21.86 1.62 0.00	31.27 1.83 0.00	34.63 1.40 0.00	31.67 2.29 0.00	29.09 2.43 0.00	28.68 2.22 0.00	28.65 2.24 0.00	29.93 2.57 0.00	31.98 2.42 0.00	33.08 2.22 0.00	36.58 2.68 0.00	42.22 3.91 0.00	59.93 5.07 -3.67	47.53 4.24 0.00	40.35 3.57 0.00	37.60 3.14 0.00	32.57 2.89 -0.74	27.78 2.53 0.00	24.85 2.07 0.00
BALL_HILL_WT_PWR 323825	19.26 -1.16 0.00	17.65 -1.21 0.00	17.59 -1.32 0.00	16.89 -1.19 0.00	18.37 -1.15 0.00	19.33 -0.91 0.00	27.91 -1.53 0.00	31.00 -2.23 0.00	27.02 -2.35 0.00	24.61 -2.05 0.00	24.58 -1.88 0.00	24.58 -1.82 0.00	25.11 -2.24 0.00	27.34 -2.22 0.00	28.17 -2.69 0.00	30.24 -3.66 0.01	34.13 -4.17 0.01	43.50 -5.73 1.97	39.00 -4.29 0.01	33.24 -3.53 0.01	31.39 -3.07 0.00	26.88 -2.05 0.00	23.67 -1.59 0.00	21.96 -0.82 0.00
BARON_WINDS___WT_PWR 323822	19.65 -0.78 0.00	18.07 -0.79 0.00	18.02 -0.89 0.00	17.28 -0.80 0.00	18.76 -0.76 0.00	19.65 -0.59 0.00	28.59 -0.85 0.00	31.97 -1.26 0.00	27.94 -1.44 0.00	25.41 -1.25 0.00	25.24 -1.22 0.00	25.21 -1.19 0.00	25.90 -1.45 0.00	28.08 -1.48 0.00	29.19 -1.67 0.00	31.66 -2.24 0.00	35.82 -2.49 0.00	47.85 -3.38 -0.03	40.52 -2.77 0.00	34.46 -2.32 0.00	32.29 -2.17 0.00	27.43 -1.51 0.00	24.07 -1.19 0.00	22.05 -0.73 0.00
BARRETT_IC_1 23704	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_10 23701	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_11 23702	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_12 23703	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_2 23705	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_3 23706	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_4 23707	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00

BARRETT_IC_5 23708	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_6 23709	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_7 23710	22.06 1.63 0.00	20.27 1.41 0.00	20.23 1.32 0.00	19.31 1.23 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.06 1.62 0.00	34.56 1.33 0.00	31.37 2.00 0.00	28.75 2.08 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.63 2.27 0.00	31.71 2.16 0.00	32.87 2.01 0.00	36.28 2.37 0.00	41.60 3.29 0.00	58.82 4.20 -3.43	46.84 3.55 0.00	39.80 3.02 0.00	37.08 2.62 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_8 23711	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT_IC_9 23700	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT___1 23545	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BARRETT___2 23546	22.04 1.61 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.00 1.56 0.00	34.56 1.33 0.00	31.34 1.97 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.62 2.27 0.00	31.69 2.13 0.00	32.84 1.98 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.83 4.20 -3.43	46.84 3.55 0.00	39.76 2.98 0.00	37.05 2.59 0.00	32.07 2.40 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
BATAVIA__115KV_TB1 55881	19.36 -1.06 0.00	17.78 -1.07 0.00	17.72 -1.19 0.00	17.00 -1.08 0.00	18.51 -1.02 0.00	19.45 -0.79 0.00	28.15 -1.30 0.00	31.54 -1.69 0.00	27.46 -1.91 0.00	24.85 -1.81 0.00	24.87 -1.59 0.00	24.87 -1.53 0.00	25.41 -1.94 0.00	27.69 -1.86 0.00	28.67 -2.19 0.00	30.58 -3.32 0.00	34.55 -3.75 0.00	43.66 -5.12 2.42	39.26 -4.03 0.00	33.50 -3.27 0.00	31.77 -2.69 0.00	27.17 -1.76 0.00	23.82 -1.44 0.00	22.01 -0.77 0.00
BAYONEEC___CTG1 323682	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG10 323750	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG2 323683	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG3 323684	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG4 323685	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG5 323686	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG6 323687	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00

BAYONEEC___CTG7 323688	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG8 323689	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BAYONEEC___CTG9 323749	21.79 1.37 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.24 1.46 0.00
BEACON___LESR 323632	21.42 1.00 0.00	19.80 0.94 0.00	19.85 0.95 0.00	18.97 0.89 0.00	20.48 0.96 0.00	21.25 1.01 0.00	30.94 1.50 0.00	34.89 1.66 0.00	30.87 1.50 0.00	27.97 1.31 0.00	27.73 1.27 0.00	27.67 1.27 0.00	28.67 1.31 0.00	31.00 1.45 0.00	32.43 1.57 0.00	35.80 1.90 0.00	40.49 2.18 0.00	54.22 3.02 0.00	45.76 2.47 0.00	38.88 2.10 0.00	36.36 1.89 0.00	30.46 1.53 0.00	26.52 1.26 0.00	23.87 1.09 0.00
BEAVER RIVER___HYD 24048	20.46 0.04 0.00	19.03 0.17 0.00	18.97 0.06 0.00	17.60 0.07 0.55	18.40 0.12 1.24	24.62 0.20 -4.18	33.07 0.65 -2.99	43.56 0.83 -9.49	32.96 0.56 -3.03	35.44 0.59 -8.18	35.13 0.53 -8.14	35.01 0.48 -8.13	36.15 0.44 -8.36	38.76 0.33 -8.87	40.39 0.34 -9.19	42.37 0.37 -8.09	39.53 0.65 -0.58	55.81 1.33 -3.28	56.71 1.34 -12.07	42.13 0.81 -4.54	42.91 0.83 -7.62	27.74 0.55 1.74	31.72 0.40 -6.06	28.49 0.25 -5.46
BEEBEE_GT_13 23619	19.48 -0.94 0.00	17.94 -0.92 0.00	17.91 -1.00 0.00	17.16 -0.92 0.00	18.64 -0.88 0.00	19.49 -0.75 0.00	28.29 -1.15 0.00	31.84 -1.40 0.00	27.88 -1.50 0.00	25.25 -1.41 0.00	25.22 -1.24 0.00	25.19 -1.21 0.00	25.88 -1.48 0.00	28.11 -1.45 0.00	29.22 -1.64 0.00	31.40 -2.51 0.00	35.47 -2.83 0.00	44.78 -3.89 2.53	40.22 -3.07 0.00	34.28 -2.50 0.00	32.39 -2.07 0.00	27.51 -1.42 0.00	24.05 -1.21 0.00	21.96 -0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.17 1.74 -0.01	20.40 1.53 -0.01	20.43 1.51 -0.01	19.44 1.36 -0.01	20.99 1.46 -0.01	21.75 1.52 0.00	31.59 2.15 0.00	35.66 2.43 0.00	31.64 2.26 0.00	28.67 2.00 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.60 2.24 0.00	31.92 2.36 0.00	33.30 2.44 0.00	37.03 3.12 0.00	41.72 3.41 0.00	55.73 4.56 0.02	46.97 3.68 0.00	39.94 3.16 0.00	37.43 2.96 0.00	31.25 2.31 0.00	27.40 2.15 0.00	24.63 1.85 -0.01
BETHLEHEM___GRP 23843	21.24 0.82 0.00	19.61 0.75 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.30 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.40 1.04 0.00	30.71 1.15 0.00	32.09 1.23 0.00	35.40 1.49 0.00	40.03 1.72 0.00	53.50 2.30 0.00	45.20 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
BETHLEHEM___GS1 323560	21.24 0.82 0.00	19.61 0.76 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.29 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.39 1.04 0.00	30.71 1.15 0.00	32.09 1.24 0.00	35.40 1.49 0.00	40.03 1.73 0.00	53.51 2.31 0.00	45.19 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
BETHLEHEM___GS2 323561	21.24 0.82 0.00	19.61 0.76 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.29 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.39 1.04 0.00	30.71 1.15 0.00	32.09 1.24 0.00	35.40 1.49 0.00	40.03 1.73 0.00	53.51 2.31 0.00	45.19 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
BETHLEHEM___GS3 323562	21.24 0.82 0.00	19.61 0.76 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.59 1.15 0.00	34.53 1.29 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.47 1.01 0.00	27.41 1.00 0.00	28.39 1.04 0.00	30.71 1.15 0.00	32.09 1.24 0.00	35.40 1.49 0.00	40.03 1.73 0.00	53.51 2.31 0.00	45.19 1.90 0.00	38.40 1.62 0.00	35.94 1.48 0.00	30.12 1.19 0.00	26.27 1.01 0.00	23.65 0.87 0.00
BETHLEHEM___STEEL 23779	19.36 -1.06 0.00	17.77 -1.09 0.00	17.68 -1.23 0.00	16.98 -1.10 0.00	18.47 -1.05 0.00	19.41 -0.83 0.00	27.97 -1.47 0.00	31.07 -2.16 0.00	27.08 -2.29 0.00	24.59 -2.08 0.00	24.63 -1.83 0.00	24.66 -1.74 0.00	25.14 -2.22 0.00	27.43 -2.13 0.00	28.27 -2.59 0.00	30.37 -3.53 0.01	34.28 -4.02 0.01	43.61 -5.58 2.01	38.83 -4.46 0.01	33.10 -3.68 0.01	31.29 -3.17 0.00	26.82 -2.11 0.00	23.62 -1.64 0.00	21.96 -0.82 0.00
BETHLHEM_115KV_TB1 79974	21.20 0.78 0.00	19.60 0.74 0.00	19.67 0.76 0.00	18.79 0.71 0.00	20.28 0.76 0.00	21.01 0.77 0.00	30.56 1.12 0.00	34.46 1.23 0.00	30.52 1.15 0.00	27.65 0.99 0.00	27.44 0.98 0.00	27.35 0.95 0.00	28.37 1.01 0.00	30.65 1.09 0.00	32.06 1.20 0.00	35.36 1.46 0.00	39.96 1.65 0.00	53.40 2.20 0.00	45.11 1.82 0.00	38.36 1.58 0.00	35.87 1.41 0.00	30.09 1.16 0.00	26.22 0.96 0.00	23.62 0.84 0.00
BETHPAGE_CC_5 323564	22.18 1.76 0.00	20.37 1.51 0.00	20.29 1.38 0.00	19.33 1.25 0.00	20.87 1.35 0.00	21.71 1.48 0.00	31.09 1.65 0.00	34.66 1.43 0.00	31.52 2.14 0.00	28.83 2.16 0.00	28.58 2.12 0.00	28.57 2.17 0.00	29.79 2.43 0.00	31.80 2.25 0.00	32.93 2.07 0.00	36.45 2.54 0.00	41.91 3.60 0.00	59.87 4.71 -3.96	47.19 3.90 0.00	40.05 3.27 0.00	37.32 2.86 0.00	32.25 2.57 -0.74	27.56 2.30 0.00	24.65 1.87 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.44 -0.98 0.00	17.84 -1.02 0.00	17.76 -1.15 0.00	17.05 -1.03 0.00	18.55 -0.98 0.00	19.49 -0.75 0.00	28.09 -1.35 0.00	31.20 -2.03 0.00	27.20 -2.17 0.00	24.69 -1.97 0.00	24.74 -1.72 0.00	24.74 -1.66 0.00	25.25 -2.11 0.00	27.55 -2.01 0.00	28.39 -2.47 0.00	30.58 -3.32 0.01	34.55 -3.75 0.01	44.03 -5.22 1.95	39.04 -4.24 0.01	33.28 -3.49 0.01	31.43 -3.03 0.00	26.91 -2.03 0.00	23.69 -1.57 0.00	22.05 -0.73 0.00

BINGHAMTON___COGEN 23790	20.42 0.00 0.00	18.84 -0.02 0.00	18.87 -0.04 0.00	18.08 0.00 0.00	19.56 0.04 0.00	20.34 0.10 0.00	29.62 0.18 0.00	33.33 0.10 0.00	29.32 -0.06 0.00	26.61 -0.05 0.00	26.41 -0.05 0.00	26.38 -0.03 0.00	27.25 -0.11 0.00	29.44 -0.12 0.00	30.71 -0.15 0.00	33.63 -0.27 0.00	38.04 -0.27 0.00	51.09 -0.36 -0.25	42.99 -0.30 0.00	36.56 -0.22 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.83 0.05 0.00
BIXINCNT_115KV_LOAD 355685	19.24 -1.18 0.00	17.60 -1.26 0.00	17.43 -1.47 0.00	16.74 -1.34 0.00	18.15 -1.37 0.00	19.14 -1.09 0.00	27.70 -1.74 0.00	30.77 -2.46 0.00	26.73 -2.64 0.00	24.40 -2.27 0.00	24.42 -2.04 0.00	24.29 -2.11 0.00	24.84 -2.52 0.00	26.96 -2.60 0.00	27.80 -3.06 0.00	30.34 -3.56 0.00	34.47 -3.83 0.00	44.08 -5.48 1.64	38.65 -4.63 0.00	32.91 -3.86 0.00	30.88 -3.58 0.00	26.33 -2.60 0.00	23.19 -2.07 0.00	21.64 -1.14 0.00
BLACK RIVER___HYD 24047	20.44 0.02 0.00	19.01 0.15 0.00	18.95 0.04 0.00	17.78 0.07 0.37	18.79 0.12 0.84	23.41 0.24 -2.93	32.24 0.68 -2.12	40.76 0.90 -6.63	32.12 0.59 -2.15	33.02 0.64 -5.71	32.70 0.56 -5.68	32.55 0.48 -5.67	33.60 0.41 -5.84	36.05 0.30 -6.20	37.58 0.31 -6.41	39.93 0.37 -5.65	39.32 0.61 -0.40	54.82 1.33 -2.29	53.07 1.34 -8.43	40.80 0.81 -3.21	40.69 0.89 -5.34	28.36 0.61 1.18	29.92 0.43 -4.23	26.84 0.25 -3.81
BLACKRVR_115KV_TB2 79977	20.44 0.02 0.00	19.01 0.15 0.00	18.95 0.04 0.00	17.78 0.07 0.37	18.79 0.12 0.84	23.41 0.24 -2.93	32.24 0.68 -2.12	40.76 0.90 -6.63	32.12 0.59 -2.15	32.99 0.61 -5.71	32.70 0.56 -5.68	32.55 0.48 -5.67	33.60 0.41 -5.84	36.05 0.30 -6.20	37.55 0.28 -6.41	39.93 0.37 -5.65	39.32 0.61 -0.40	54.77 1.28 -2.29	53.06 1.34 -8.43	40.80 0.81 -3.21	40.70 0.90 -5.34	28.36 0.61 1.18	29.92 0.43 -4.23	26.84 0.25 -3.81
BLISS_WT_PWR 323608	19.06 -1.37 0.00	17.43 -1.43 0.00	17.25 -1.66 0.00	16.58 -1.50 0.00	17.96 -1.56 0.00	18.92 -1.32 0.00	27.44 -2.00 0.00	30.44 -2.79 0.00	26.47 -2.91 0.00	24.24 -2.43 0.00	24.21 -2.25 0.00	24.05 -2.35 0.00	24.62 -2.74 0.00	26.66 -2.90 0.00	27.50 -3.36 0.00	30.07 -3.83 0.00	34.17 -4.14 0.00	43.62 -5.94 1.64	38.27 -5.02 0.00	32.58 -4.19 0.00	30.57 -3.89 0.00	26.04 -2.89 0.00	22.93 -2.32 0.00	21.44 -1.34 0.00
BLUESTONE___WT_PWR 323821	21.20 0.78 0.00	19.71 0.85 0.00	19.69 0.78 0.00	18.89 0.81 0.00	20.48 0.96 0.00	21.31 1.07 0.00	31.24 1.80 0.00	35.26 2.03 0.00	30.93 1.56 0.00	28.24 1.57 0.00	27.91 1.45 0.00	27.91 1.50 0.00	28.89 1.53 0.00	31.15 1.59 0.00	32.49 1.63 0.00	35.70 1.80 0.00	40.45 2.14 0.00	54.62 3.07 -0.35	45.84 2.55 0.00	38.69 1.91 0.00	36.29 1.83 0.00	30.43 1.50 0.00	26.50 1.24 0.00	23.85 1.07 0.00
BLUE_CIRC_CHEM_DRP 24182	21.20 0.78 0.00	19.60 0.74 0.00	19.68 0.78 0.00	18.80 0.72 0.00	20.28 0.76 0.00	21.03 0.79 0.00	30.56 1.12 0.00	34.43 1.20 0.00	30.43 1.06 0.00	27.55 0.88 0.00	27.31 0.85 0.00	27.22 0.82 0.00	28.23 0.88 0.00	30.53 0.98 0.00	31.94 1.08 0.00	35.23 1.32 0.00	39.84 1.53 0.00	53.30 2.10 0.00	45.02 1.73 0.00	38.29 1.51 0.00	35.84 1.38 0.00	30.06 1.13 0.00	26.19 0.93 0.00	23.60 0.82 0.00
BOC_GAS_DRP 24189	21.04 0.61 0.00	19.43 0.57 0.00	19.51 0.61 0.00	18.66 0.58 0.00	20.13 0.61 0.00	20.84 0.61 0.00	30.30 0.85 0.00	34.19 0.96 0.00	30.28 0.91 0.00	27.44 0.77 0.00	27.23 0.77 0.00	27.14 0.74 0.00	28.15 0.79 0.00	30.41 0.86 0.00	31.79 0.93 0.00	35.02 1.12 0.00	39.61 1.30 0.00	52.94 1.74 0.00	44.68 1.39 0.00	37.99 1.21 0.00	35.56 1.10 0.00	29.83 0.90 0.00	26.02 0.76 0.00	23.44 0.66 0.00
BOONVILLE_115KV_TB1 79983	20.71 0.29 0.00	19.22 0.36 0.00	19.19 0.28 0.00	18.39 0.31 0.00	19.89 0.37 0.00	22.57 0.42 -1.91	32.19 0.82 -1.92	37.86 1.00 -3.63	32.07 0.76 -1.93	30.56 0.80 -3.10	30.28 0.74 -3.08	30.19 0.71 -3.07	31.23 0.71 -3.16	33.62 0.71 -3.36	35.04 0.71 -3.48	37.78 0.81 -3.06	39.56 1.03 -0.22	54.08 1.59 -1.30	49.29 1.43 -4.57	40.31 0.99 -2.54	38.64 0.96 -3.22	29.65 0.72 0.00	28.13 0.58 -2.29	25.30 0.46 -2.06
BORALEX_4TH_BRANCH 23824	21.57 1.14 0.00	19.92 1.06 0.00	19.99 1.08 0.00	19.09 1.01 0.00	20.59 1.07 0.00	21.37 1.13 0.00	31.09 1.65 0.00	35.13 1.89 0.00	31.08 1.70 0.00	28.16 1.49 0.00	27.94 1.48 0.00	27.88 1.48 0.00	28.75 1.40 0.00	31.21 1.66 0.00	32.62 1.76 0.00	35.94 2.03 0.00	40.68 2.38 0.00	54.42 3.23 0.00	45.93 2.64 0.00	39.06 2.28 0.00	36.50 2.03 0.00	30.61 1.68 0.00	26.70 1.44 0.00	24.08 1.30 0.00
BOWLINE___1 23526	21.55 1.12 0.00	19.86 1.00 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.50 0.98 0.00	21.27 1.03 0.00	30.94 1.50 0.00	34.99 1.76 0.00	31.08 1.70 0.00	28.16 1.49 0.00	27.94 1.48 0.00	27.88 1.48 0.00	29.00 1.64 0.00	31.21 1.65 0.00	32.56 1.70 0.00	36.08 2.17 0.00	40.84 2.53 0.00	54.50 3.33 0.02	46.06 2.77 0.00	39.17 2.39 0.00	36.60 2.14 0.00	30.64 1.71 0.00	26.75 1.49 0.00	23.99 1.21 0.00
BOWLINE___2 23595	21.55 1.12 0.00	19.86 1.00 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.50 0.98 0.00	21.27 1.03 0.00	30.94 1.50 0.00	34.99 1.76 0.00	31.05 1.67 0.00	28.16 1.49 0.00	27.94 1.48 0.00	27.85 1.45 0.00	28.97 1.61 0.00	31.21 1.65 0.00	32.52 1.67 0.00	36.04 2.14 0.00	40.76 2.45 0.00	54.40 3.23 0.02	45.98 2.69 0.00	39.10 2.32 0.00	36.60 2.14 0.00	30.61 1.68 0.00	26.75 1.49 0.00	23.99 1.21 0.00
BRADY___115KV_TB2 356060	21.24 0.82 0.00	19.88 1.02 0.00	19.64 0.74 0.00	17.08 0.71 1.70	16.51 0.84 3.85	31.98 1.07 -10.67	38.60 2.21 -6.95	60.96 2.63 -25.10	38.25 1.79 -7.08	49.86 1.52 -21.68	49.42 1.40 -21.56	49.25 1.32 -21.53	50.86 1.37 -22.13	54.30 1.24 -23.50	56.43 1.23 -24.33	56.69 1.36 -21.42	41.90 2.07 -1.52	63.75 3.94 -8.61	79.16 3.90 -31.98	50.45 2.65 -11.02	56.90 2.65 -19.78	25.47 1.94 5.40	42.81 1.49 -16.06	38.40 1.16 -14.45
BRANSCOMB___SOLAR 323811	21.57 1.14 0.00	19.93 1.07 0.00	19.97 1.06 0.00	19.07 0.99 0.00	20.40 0.88 0.00	21.21 0.97 0.00	30.88 1.44 0.00	34.79 1.56 0.00	30.76 1.38 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.49 1.08 0.00	28.48 1.12 0.00	30.80 1.24 0.00	32.22 1.36 0.00	35.60 1.69 0.00	40.26 1.95 0.00	53.96 2.76 0.00	45.54 2.25 0.00	38.69 1.91 0.00	36.15 1.69 0.00	30.32 1.39 0.00	26.42 1.16 0.00	23.99 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.26 1.84 0.00	20.44 1.58 0.00	20.37 1.46 0.00	19.45 1.37 0.00	20.89 1.37 0.00	21.75 1.52 0.00	31.09 1.65 0.00	34.33 1.10 0.00	31.49 2.11 0.00	28.93 2.27 0.00	28.52 2.06 0.00	28.49 2.09 0.00	29.76 2.41 0.00	31.77 2.22 0.00	32.83 1.97 0.00	36.31 2.41 0.00	41.79 3.49 0.00	59.11 4.45 -3.46	46.97 3.68 0.00	39.91 3.13 0.00	37.29 2.83 0.00	32.33 2.66 -0.74	27.63 2.37 0.00	24.72 1.94 0.00

BRISTLHL_115KV_TB1 79998	19.97 -0.45 0.00	18.43 -0.43 0.00	18.47 -0.43 0.00	17.66 -0.42 0.00	19.11 -0.41 0.00	19.83 -0.40 0.00	28.91 -0.53 0.00	32.63 -0.60 0.00	28.79 -0.59 0.00	26.13 -0.53 0.00	25.93 -0.53 0.00	25.90 -0.50 0.00	26.78 -0.57 0.00	28.94 -0.62 0.00	30.21 -0.65 0.00	33.09 -0.81 0.00	37.39 -0.92 0.00	49.97 -1.23 0.00	42.25 -1.04 0.00	35.90 -0.88 0.00	33.67 -0.79 0.00	28.32 -0.61 0.00	24.73 -0.53 0.00	22.30 -0.48 0.00
BROOKHAVEN___DRP 24191	22.22 1.80 0.00	20.42 1.57 0.00	20.29 1.38 0.00	19.42 1.34 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.83 1.38 0.00	34.10 0.86 0.00	31.28 1.91 0.00	28.75 2.08 0.00	28.13 1.67 0.00	28.09 1.69 0.00	29.52 2.16 0.00	31.60 2.04 0.00	32.68 1.82 0.00	36.18 2.27 0.00	41.87 3.56 0.00	59.11 4.51 -3.40	47.10 3.81 0.00	39.98 3.20 0.00	37.25 2.79 0.00	32.31 2.63 -0.74	27.56 2.30 0.00	24.67 1.89 0.00
BROOKLYN_NAVY_YARD 23515	21.77 1.35 0.00	20.03 1.17 0.00	20.04 1.13 0.00	19.11 1.03 0.00	20.65 1.13 0.00	21.43 1.19 0.00	31.21 1.77 0.00	35.39 2.16 0.00	31.49 2.12 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.38 2.02 0.00	31.69 2.13 0.00	33.02 2.16 0.00	36.65 2.75 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.08 2.62 0.00	30.93 1.99 0.00	27.03 1.77 0.00	24.24 1.46 0.00
BROOKLYN___ARMY_DRP 323595	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
BROOKVLE_69_KV_TB1 55790	22.08 1.65 0.00	20.31 1.45 0.00	20.29 1.38 0.00	19.36 1.28 0.00	20.83 1.31 0.00	21.65 1.42 0.00	31.30 1.85 0.00	35.09 1.86 0.00	31.64 2.26 0.00	28.85 2.19 0.00	28.60 2.14 0.00	28.57 2.16 0.00	29.76 2.41 0.00	31.92 2.36 0.00	33.17 2.31 0.00	36.69 2.78 0.00	41.95 3.64 0.00	61.49 4.76 -5.53	47.23 3.94 0.00	40.09 3.31 0.00	37.39 2.93 0.00	32.19 2.52 -0.74	27.38 2.12 0.00	24.53 1.75 0.00
BROOME_2_LFGE 323671	20.42 0.00 0.00	18.84 -0.02 0.00	18.87 -0.04 0.00	18.06 -0.02 0.00	19.56 0.04 0.00	20.34 0.10 0.00	29.62 0.18 0.00	33.33 0.10 0.00	29.32 -0.06 0.00	26.61 -0.05 0.00	26.41 -0.05 0.00	26.38 -0.03 0.00	27.25 -0.11 0.00	29.44 -0.12 0.00	30.71 -0.15 0.00	33.63 -0.27 0.00	38.04 -0.27 0.00	51.09 -0.36 -0.25	42.99 -0.30 0.00	36.56 -0.22 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.83 0.05 0.00
BROOME___LFGE 323600	20.42 0.00 0.00	18.84 -0.02 0.00	18.87 -0.04 0.00	18.06 -0.02 0.00	19.56 0.04 0.00	20.34 0.10 0.00	29.62 0.18 0.00	33.33 0.10 0.00	29.32 -0.06 0.00	26.61 -0.05 0.00	26.41 -0.05 0.00	26.38 -0.03 0.00	27.25 -0.11 0.00	29.44 -0.12 0.00	30.71 -0.15 0.00	33.63 -0.27 0.00	38.04 -0.27 0.00	51.09 -0.36 -0.25	42.99 -0.30 0.00	36.56 -0.22 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.83 0.05 0.00
BROWNFLS_115KV_TB 3_5 80003	20.55 0.12 0.00	19.12 0.26 0.00	19.00 0.09 0.00	17.06 0.09 1.11	17.15 0.14 2.50	27.82 0.26 -7.32	35.14 0.79 -4.90	51.27 1.00 -17.04	35.01 0.65 -4.99	42.02 0.64 -14.71	41.67 0.58 -14.63	41.54 0.53 -14.61	42.90 0.52 -15.02	45.89 0.38 -15.95	47.77 0.40 -16.51	48.85 0.41 -14.54	40.11 0.77 -1.03	58.64 1.59 -5.86	66.64 1.65 -21.70	45.41 0.96 -7.67	49.00 1.03 -13.50	26.09 0.67 3.51	36.64 0.48 -10.90	32.91 0.32 -9.81
BROWNSV1_27_KV_LOAD 356125	21.98 1.55 0.00	20.24 1.38 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.61 1.38 0.00	31.50 2.06 0.00	35.69 2.46 0.00	31.75 2.38 0.00	28.80 2.13 0.00	28.58 2.12 0.00	28.51 2.11 0.00	29.68 2.33 0.00	31.98 2.42 0.00	33.36 2.50 0.00	36.99 3.09 0.00	41.87 3.56 0.00	55.89 4.71 0.02	47.14 3.85 0.00	40.09 3.31 0.00	37.46 3.00 0.00	31.22 2.29 0.00	27.25 2.00 0.00	24.44 1.66 0.00
BURROWS___LYONSDAL 23803	20.63 0.20 0.00	19.16 0.30 0.00	19.14 0.23 0.00	18.16 0.24 0.16	19.46 0.29 0.36	22.87 0.36 -2.27	32.14 0.77 -1.94	38.93 0.93 -4.77	32.03 0.70 -1.95	31.48 0.72 -4.09	31.19 0.66 -4.07	31.10 0.63 -4.07	32.17 0.63 -4.18	34.59 0.59 -4.44	36.07 0.62 -4.60	38.63 0.68 -4.05	39.52 0.92 -0.29	54.41 1.54 -1.67	50.72 1.39 -6.04	40.43 0.92 -2.73	39.39 0.93 -4.00	29.09 0.67 0.50	28.82 0.53 -3.03	25.90 0.39 -2.73
CAITHNESS_CC_1 323624	22.16 1.74 0.00	20.37 1.51 0.00	20.23 1.32 0.00	19.29 1.21 0.00	20.79 1.27 0.00	21.63 1.40 0.00	30.68 1.24 0.00	34.06 0.83 0.00	31.20 1.82 0.00	28.53 1.87 0.00	28.15 1.69 0.00	28.12 1.72 0.00	29.49 2.14 0.00	31.54 1.98 0.00	32.59 1.73 0.00	36.11 2.20 0.00	41.72 3.41 0.00	58.95 4.35 -3.40	46.93 3.64 0.00	39.87 3.09 0.00	37.15 2.69 0.00	32.22 2.55 -0.74	27.50 2.25 0.00	24.62 1.84 0.00
CALPINE BETH_PAGE_GT4 24209	22.20 1.78 0.00	20.39 1.53 0.00	20.35 1.44 0.00	19.40 1.32 0.00	20.87 1.35 0.00	21.71 1.48 0.00	31.21 1.77 0.00	34.73 1.50 0.00	31.58 2.20 0.00	28.93 2.27 0.00	28.60 2.14 0.00	28.57 2.16 0.00	29.82 2.46 0.00	31.77 2.22 0.00	32.93 2.07 0.00	36.41 2.51 0.00	41.87 3.56 0.00	60.07 4.66 -4.21	47.14 3.85 0.00	40.02 3.24 0.00	37.29 2.83 0.00	32.22 2.55 -0.74	27.53 2.27 0.00	24.65 1.87 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.18 1.76 0.00	20.35 1.49 0.00	20.31 1.40 0.00	19.33 1.25 0.00	20.87 1.35 0.00	21.71 1.48 0.00	31.12 1.68 0.00	34.73 1.50 0.00	31.55 2.17 0.00	28.85 2.19 0.00	28.60 2.14 0.00	28.57 2.17 0.00	29.79 2.43 0.00	31.77 2.22 0.00	32.93 2.07 0.00	36.45 2.54 0.00	41.87 3.56 0.00	60.07 4.66 -4.21	47.14 3.85 0.00	40.02 3.24 0.00	37.29 2.83 0.00	32.22 2.55 -0.74	27.53 2.27 0.00	24.65 1.87 0.00
CALPINE_BP_GT1 23823	22.18 1.76 0.00	20.35 1.49 0.00	20.31 1.40 0.00	19.33 1.25 0.00	20.87 1.35 0.00	21.71 1.48 0.00	31.12 1.68 0.00	34.73 1.50 0.00	31.55 2.17 0.00	28.85 2.19 0.00	28.60 2.14 0.00	28.57 2.17 0.00	29.79 2.43 0.00	31.77 2.22 0.00	32.93 2.07 0.00	36.45 2.54 0.00	41.87 3.56 0.00	60.07 4.66 -4.21	47.14 3.85 0.00	40.02 3.24 0.00	37.29 2.83 0.00	32.22 2.55 -0.74	27.53 2.27 0.00	24.65 1.87 0.00
CALSPAN___DRP 24200	19.36 -1.06 0.00	17.77 -1.09 0.00	17.68 -1.23 0.00	16.98 -1.10 0.00	18.47 -1.05 0.00	19.41 -0.83 0.00	27.97 -1.47 0.00	31.07 -2.16 0.00	27.08 -2.29 0.00	24.59 -2.08 0.00	24.63 -1.83 0.00	24.66 -1.74 0.00	25.14 -2.22 0.00	27.43 -2.13 0.00	28.27 -2.59 0.00	30.37 -3.53 0.01	34.28 -4.02 0.01	43.61 -5.58 2.01	38.83 -4.46 0.01	33.10 -3.68 0.01	31.29 -3.17 0.00	26.82 -2.11 0.00	23.62 -1.64 0.00	21.96 -0.82 0.00

CALVERTON___SOLAR 323806	22.24 1.82 0.00	20.44 1.58 0.00	20.29 1.38 0.00	19.36 1.28 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.77 1.33 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.59 1.92 0.00	28.13 1.67 0.00	28.09 1.69 0.00	29.52 2.16 0.00	31.62 2.07 0.00	32.71 1.85 0.00	36.24 2.34 0.00	41.99 3.68 0.00	59.26 4.66 -3.40	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.39 2.72 -0.74	27.61 2.35 0.00	24.74 1.96 0.00
CANDIGU_WT_PWR 323617	19.65 -0.78 0.00	18.07 -0.79 0.00	18.02 -0.89 0.00	17.28 -0.80 0.00	18.76 -0.76 0.00	19.65 -0.59 0.00	28.59 -0.85 0.00	31.97 -1.26 0.00	27.94 -1.44 0.00	25.41 -1.25 0.00	25.24 -1.22 0.00	25.21 -1.19 0.00	25.90 -1.45 0.00	28.08 -1.48 0.00	29.19 -1.67 0.00	31.66 -2.24 0.00	35.82 -2.49 0.00	47.85 -3.38 -0.03	40.52 -2.77 0.00	34.46 -2.32 0.00	32.29 -2.17 0.00	27.43 -1.51 0.00	24.07 -1.19 0.00	22.05 -0.73 0.00
CARR STREET_E__SYR 24060	20.08 -0.35 0.00	18.52 -0.34 0.00	18.57 -0.34 0.00	17.77 -0.31 0.00	19.21 -0.31 0.00	19.95 -0.28 0.00	29.12 -0.32 0.00	32.83 -0.40 0.00	28.96 -0.41 0.00	26.32 -0.35 0.00	26.09 -0.37 0.00	26.06 -0.34 0.00	26.95 -0.41 0.00	29.14 -0.41 0.00	30.40 -0.46 0.00	33.26 -0.65 0.00	37.47 -0.84 0.00	50.07 -1.13 0.00	42.34 -0.95 0.00	36.01 -0.77 0.00	33.84 -0.62 0.00	28.47 -0.46 0.00	24.85 -0.41 0.00	22.44 -0.34 0.00
CARTHAGE___PAPER 23857	20.44 0.02 0.00	19.01 0.15 0.00	18.95 0.04 0.00	17.69 0.05 0.44	18.62 0.10 1.00	23.85 0.20 -3.42	32.54 0.65 -2.46	41.83 0.86 -7.74	32.42 0.56 -2.49	33.92 0.59 -6.67	33.60 0.50 -6.63	33.45 0.42 -6.62	34.55 0.38 -6.81	37.05 0.27 -7.23	38.62 0.28 -7.49	40.80 0.30 -6.59	39.39 0.61 -0.47	55.20 1.33 -2.67	54.52 1.38 -9.84	41.35 0.85 -3.72	41.55 0.86 -6.22	28.11 0.58 1.40	30.60 0.40 -4.94	27.48 0.25 -4.45
CASSADAGA_WT_PWR 323784	18.93 -1.49 0.00	17.29 -1.57 0.00	17.25 -1.66 0.00	16.58 -1.50 0.00	18.06 -1.46 0.00	19.06 -1.17 0.00	27.62 -1.83 0.00	30.87 -2.36 0.00	26.82 -2.56 0.00	24.43 -2.24 0.00	24.42 -2.04 0.00	24.42 -1.98 0.00	24.89 -2.46 0.00	27.10 -2.45 0.00	27.84 -3.02 0.00	29.97 -3.93 0.01	33.86 -4.44 0.01	43.34 -6.15 1.72	38.66 -4.63 0.01	32.95 -3.83 0.01	31.05 -3.41 0.00	26.53 -2.40 0.00	23.34 -1.92 0.00	21.69 -1.09 0.00
CE_DUNWOOD___DRP 24194	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.09 1.01 0.00	20.58 1.05 0.00	21.35 1.11 0.00	31.06 1.62 0.00	35.16 1.93 0.00	31.25 1.88 0.00	28.37 1.71 0.00	28.13 1.67 0.00	28.04 1.64 0.00	29.19 1.83 0.00	31.45 1.89 0.00	32.80 1.94 0.00	36.31 2.41 0.00	41.14 2.83 0.00	54.92 3.74 0.02	46.37 3.07 0.00	39.39 2.61 0.00	36.84 2.38 0.00	30.81 1.88 0.00	26.87 1.62 0.00	24.10 1.32 0.00
CE_MILLWOOD___DRP 24193	21.63 1.20 0.00	19.93 1.07 0.00	19.97 1.06 0.00	19.06 0.98 0.00	20.54 1.02 0.00	21.31 1.07 0.00	31.03 1.59 0.00	35.09 1.86 0.00	31.20 1.82 0.00	28.29 1.63 0.00	28.07 1.61 0.00	27.99 1.58 0.00	29.13 1.78 0.00	31.39 1.83 0.00	32.71 1.85 0.00	36.25 2.34 0.00	41.03 2.72 0.00	54.76 3.58 0.02	46.28 2.99 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.72 1.79 0.00	26.82 1.57 0.00	24.06 1.28 0.00
CE_NYC2_DRP 24202	21.93 1.51 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.26 1.18 0.00	20.79 1.27 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.46 2.11 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.15 2.69 0.00	30.99 2.05 0.00	27.15 1.89 0.00	24.37 1.59 0.00
CE_NYC_DRP 24195	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.59 1.92 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.53 3.22 0.00	55.48 4.30 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.15 2.69 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
CHAFFEE___LFGE 323603	19.44 -0.98 0.00	17.84 -1.02 0.00	17.76 -1.15 0.00	17.07 -1.01 0.00	18.57 -0.96 0.00	19.51 -0.73 0.00	28.18 -1.27 0.00	31.30 -1.93 0.00	27.26 -2.12 0.00	24.83 -1.84 0.00	24.79 -1.67 0.00	24.82 -1.58 0.00	25.33 -2.02 0.00	27.61 -1.95 0.00	28.45 -2.41 0.00	30.61 -3.29 0.01	34.59 -3.72 0.01	44.26 -5.12 1.82	39.13 -4.16 0.01	33.36 -3.42 0.01	31.50 -2.96 0.00	26.96 -1.97 0.00	23.74 -1.51 0.00	22.07 -0.71 0.00
CHATEAUG_35_KV_LOAD 355732	19.99 -0.43 0.00	18.43 -0.43 0.00	18.24 -0.66 0.01	13.63 -0.72 3.73	10.25 -0.84 8.43	-8.16 -0.85 27.54	-7.67 -1.09 36.02	-9.84 -1.20 41.88	-7.72 -1.09 36.00	-9.46 -0.99 35.14	-9.47 -0.98 34.95	-9.47 -0.98 34.90	-9.51 -0.98 35.88	-9.64 -1.09 38.10	-9.73 -1.14 39.45	-2.11 -1.29 34.73	34.50 -1.34 2.47	33.74 -1.69 15.77	-9.80 -1.26 51.83	-8.08 -1.25 43.61	-9.14 -1.14 42.46	16.07 -1.04 11.82	-1.69 -0.91 26.03	-1.50 -0.84 23.43
CHATEAUG_WT_PWR 323614	19.97 -0.45 0.00	18.41 -0.45 0.00	18.20 -0.70 0.01	13.38 -0.76 3.94	9.71 -0.90 8.91	-7.02 -0.91 26.35	-7.06 -1.21 35.29	-7.17 -1.39 39.01	-7.12 -1.23 35.26	-7.11 -1.12 32.66	-7.11 -1.09 32.49	-7.14 -1.11 32.43	-7.12 -1.12 33.35	-7.07 -1.21 35.41	-7.07 -1.27 36.66	0.20 -1.42 32.28	34.52 -1.49 2.30	34.52 -1.89 14.79	-6.40 -1.52 48.18	-7.12 -1.47 42.42	-7.11 -1.34 40.23	15.28 -1.16 12.49	0.02 -1.04 24.20	0.04 -0.96 21.78
CHAT_HIGH_FALL_HYD 323578	19.99 -0.43 0.00	18.43 -0.43 0.00	18.24 -0.66 0.01	13.63 -0.72 3.73	10.25 -0.84 8.43	-8.16 -0.85 27.54	-7.67 -1.09 36.02	-9.84 -1.20 41.88	-7.72 -1.09 36.00	-9.46 -0.99 35.14	-9.47 -0.98 34.95	-9.47 -0.98 34.90	-9.51 -0.98 35.88	-9.64 -1.09 38.10	-9.73 -1.14 39.45	-2.11 -1.29 34.73	34.50 -1.34 2.47	33.74 -1.69 15.77	-9.80 -1.26 51.83	-8.08 -1.25 43.61	-9.14 -1.14 42.46	16.07 -1.04 11.82	-1.69 -0.91 26.03	-1.50 -0.84 23.43
CHAUTAUQUA___LFGE 323629	19.16 -1.27 0.00	17.56 -1.30 0.00	17.49 -1.42 0.00	16.80 -1.28 0.00	18.29 -1.23 0.00	19.27 -0.97 0.00	27.82 -1.62 0.00	30.97 -2.26 0.00	26.97 -2.41 0.00	24.59 -2.08 0.00	24.55 -1.91 0.00	24.55 -1.85 0.00	25.06 -2.30 0.00	27.31 -2.25 0.00	28.11 -2.75 0.00	30.14 -3.76 0.01	34.01 -4.29 0.01	43.41 -5.94 1.85	39.00 -4.29 0.01	33.28 -3.49 0.01	31.39 -3.07 0.00	26.88 -2.05 0.00	23.67 -1.59 0.00	21.96 -0.82 0.00
CHERRYST_13_KV_LD 356241	21.89 1.47 0.00	20.16 1.30 0.00	20.18 1.27 0.00	19.22 1.14 0.00	20.73 1.21 0.00	21.51 1.27 0.00	31.36 1.91 0.00	35.56 2.33 0.00	31.64 2.26 0.00	28.69 2.03 0.00	28.47 2.01 0.00	28.41 2.01 0.00	29.54 2.19 0.00	31.86 2.31 0.00	33.20 2.35 0.00	36.82 2.92 0.00	41.68 3.37 0.00	55.63 4.45 0.02	46.93 3.64 0.00	39.87 3.09 0.00	37.25 2.79 0.00	31.07 2.14 0.00	27.13 1.87 0.00	24.33 1.55 0.00

CHESTROR_138KV_BK263 355645	21.42 1.00 0.00	19.76 0.91 0.00	19.80 0.89 0.00	18.91 0.83 0.00	20.40 0.88 0.00	21.17 0.93 0.00	30.80 1.35 0.00	34.79 1.56 0.00	30.90 1.53 0.00	28.00 1.33 0.00	27.76 1.30 0.00	27.67 1.27 0.00	28.78 1.42 0.00	31.00 1.45 0.00	32.37 1.51 0.00	35.84 1.93 0.00	40.57 2.26 0.00	54.20 3.02 0.02	45.80 2.51 0.00	38.91 2.13 0.00	36.39 1.93 0.00	30.44 1.50 0.00	26.57 1.31 0.00	23.85 1.07 0.00
CH_MIDHUDSON___DRP 24192	21.53 1.10 0.00	19.86 1.00 0.00	19.91 1.00 0.00	19.00 0.92 0.00	20.48 0.96 0.00	21.23 0.99 0.00	30.91 1.47 0.00	34.96 1.73 0.00	31.08 1.70 0.00	28.16 1.49 0.00	27.92 1.46 0.00	27.83 1.43 0.00	28.94 1.59 0.00	31.21 1.66 0.00	32.59 1.73 0.00	36.08 2.17 0.00	40.88 2.57 0.00	54.56 3.38 0.02	46.06 2.77 0.00	39.10 2.32 0.00	36.60 2.14 0.00	30.58 1.65 0.00	26.67 1.41 0.00	23.94 1.16 0.00
CH_MISC_IPPS 23765	21.61 1.18 0.00	19.90 1.04 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.56 1.03 0.00	21.33 1.09 0.00	31.06 1.62 0.00	35.12 1.89 0.00	31.23 1.85 0.00	28.27 1.60 0.00	28.02 1.56 0.00	27.91 1.50 0.00	29.05 1.70 0.00	31.33 1.77 0.00	32.74 1.88 0.00	36.31 2.41 0.00	41.10 2.80 0.00	54.87 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.73 1.79 0.00	26.77 1.52 0.00	24.03 1.25 0.00
CH_RES_BVR_FALLS 23983	19.85 -0.57 0.00	18.33 -0.53 0.00	18.35 -0.55 0.01	11.43 -0.52 6.12	5.09 -0.57 13.87	9.23 -0.61 10.40	4.48 -0.85 24.11	29.80 -0.93 2.50	4.66 -0.82 23.89	24.77 -0.72 1.18	24.60 -0.69 1.17	24.55 -0.69 1.17	25.44 -0.71 1.20	27.54 -0.74 1.28	28.77 -0.77 1.32	31.90 -0.85 1.16	37.27 -0.96 0.08	47.72 -1.28 2.20	40.48 -1.08 1.74	10.54 -0.96 25.28	22.50 -0.93 11.04	8.72 -0.78 19.43	23.71 -0.68 0.87	21.40 -0.59 0.78
CH_RES_NIAGARA 23895	18.79 -1.63 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.78 -1.46 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.68 -2.99 0.00	23.73 -2.73 0.00	23.74 -2.67 0.00	24.18 -3.17 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.98 -4.92 0.01	32.52 -5.78 0.01	40.73 -8.04 2.43	36.88 -6.41 0.01	31.40 -5.37 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
CH_RES_SYRACUSE 23985	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.24 0.00	26.51 -0.16 0.00	26.28 -0.18 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.21 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.46 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.57 -0.21 0.00
CLINTON_WT_PWR 323605	19.97 -0.45 0.00	18.41 -0.45 0.00	18.20 -0.70 0.01	13.38 -0.76 3.94	9.71 -0.90 8.91	-7.02 -0.91 26.35	-7.06 -1.21 35.29	-7.17 -1.39 39.01	-7.12 -1.23 35.26	-7.11 -1.12 32.66	-7.11 -1.09 32.49	-7.14 -1.11 32.43	-7.12 -1.12 33.35	-7.07 -1.21 35.41	-7.07 -1.27 36.66	0.20 -1.42 32.28	34.52 -1.49 2.30	34.52 -1.89 14.79	-6.40 -1.52 48.18	-7.12 -1.47 42.42	-7.11 -1.34 40.23	15.28 -1.16 12.49	0.02 -1.04 24.20	0.04 -0.96 21.78
CLINTON___LFGE 323618	20.22 -0.20 0.00	18.61 -0.25 0.00	18.41 -0.49 0.01	13.66 -0.54 3.88	10.09 -0.64 8.79	-6.99 -0.57 26.66	-6.69 -0.65 35.49	-7.39 -0.86 39.76	-6.87 -0.79 35.45	-7.39 -0.75 33.31	-7.36 -0.69 33.13	-7.39 -0.71 33.08	-7.37 -0.71 34.01	-7.35 -0.80 36.11	-7.33 -0.80 37.39	0.00 -0.98 32.92	34.94 -1.03 2.34	34.98 -1.18 15.05	-6.62 -0.78 49.13	-6.87 -0.92 42.73	-7.14 -0.79 40.81	15.92 -0.69 12.32	0.00 -0.58 24.68	0.00 -0.57 22.21
COBBLENY_34_KV_TB1 80064	19.46 -0.96 0.00	17.84 -1.02 0.00	17.76 -1.15 0.00	17.07 -1.01 0.00	18.56 -0.96 0.00	19.51 -0.73 0.00	28.15 -1.30 0.00	31.30 -1.93 0.00	27.26 -2.11 0.00	24.75 -1.92 0.00	24.79 -1.67 0.00	24.82 -1.58 0.00	25.30 -2.05 0.00	27.61 -1.95 0.00	28.45 -2.41 0.00	30.65 -3.25 0.01	34.59 -3.72 0.01	44.20 -5.17 1.82	39.13 -4.16 0.01	33.35 -3.42 0.01	31.50 -2.96 0.00	26.96 -1.97 0.00	23.74 -1.52 0.00	22.07 -0.71 0.00
COFFEEN___115KV_TB3 355620	20.55 0.12 0.00	19.14 0.28 0.00	19.06 0.15 0.00	17.90 0.18 0.36	18.94 0.23 0.82	23.47 0.38 -2.85	32.42 0.91 -2.06	40.80 1.13 -6.43	32.26 0.79 -2.09	33.01 0.80 -5.55	32.69 0.71 -5.52	32.54 0.63 -5.51	33.59 0.57 -5.66	36.01 0.44 -6.01	37.55 0.46 -6.22	39.96 0.58 -5.48	39.58 0.88 -0.39	55.16 1.74 -2.22	53.20 1.73 -8.18	41.00 1.10 -3.12	40.82 1.17 -5.18	28.60 0.81 1.15	29.97 0.61 -4.11	26.89 0.41 -3.70
COLDSPRG_115KV_BK1 355956	19.75 -0.67 0.00	18.09 -0.77 0.00	18.00 -0.91 0.00	17.32 -0.76 0.00	18.86 -0.66 0.00	19.89 -0.34 0.00	28.79 -0.65 0.00	32.20 -1.03 0.00	27.91 -1.47 0.00	25.28 -1.39 0.00	25.32 -1.14 0.00	25.35 -1.06 0.00	25.85 -1.50 0.00	28.20 -1.36 0.00	29.01 -1.85 0.00	31.43 -2.48 0.00	35.62 -2.68 0.00	45.97 -3.74 1.50	40.30 -2.99 0.00	34.38 -2.39 0.00	32.22 -2.24 0.00	27.48 -1.45 0.00	24.17 -1.09 0.00	22.46 -0.32 0.00
COLONIE_LFGE___ 323577	21.34 0.92 0.00	19.73 0.87 0.00	19.78 0.87 0.00	18.91 0.83 0.00	20.36 0.84 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.66 1.43 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.57 1.11 0.00	27.49 1.08 0.00	28.45 1.10 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.71 2.51 0.00	45.37 2.08 0.00	38.55 1.77 0.00	36.05 1.59 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.78 1.00 0.00
COOPERNY_115KV_TB1 80082	21.18 0.76 0.00	19.54 0.68 0.00	19.59 0.68 0.00	18.71 0.63 0.00	20.18 0.66 0.00	20.94 0.71 0.00	30.47 1.03 0.00	34.43 1.20 0.00	30.49 1.12 0.00	27.68 1.01 0.00	27.44 0.98 0.00	27.38 0.98 0.00	28.42 1.07 0.00	30.65 1.09 0.00	32.00 1.14 0.00	35.33 1.42 0.00	39.99 1.69 0.00	53.37 2.20 0.03	45.11 1.82 0.00	38.33 1.54 0.00	35.87 1.41 0.00	30.06 1.13 0.00	26.24 0.99 0.00	23.58 0.80 0.00
COPENHAGEN_WT_PWR 323753	20.40 -0.02 0.00	18.95 0.09 0.00	18.91 0.00 0.00	17.76 0.02 0.34	18.81 0.06 0.77	23.11 0.18 -2.70	31.96 0.56 -1.96	40.05 0.73 -6.09	31.83 0.47 -1.99	32.42 0.51 -5.25	32.13 0.45 -5.22	31.98 0.37 -5.21	33.04 0.33 -5.36	35.45 0.21 -5.69	36.93 0.19 -5.89	39.33 0.24 -5.18	39.14 0.46 -0.37	54.33 1.02 -2.10	52.11 1.08 -7.74	40.40 0.66 -2.95	40.09 0.72 -4.90	28.31 0.46 1.08	29.47 0.33 -3.89	26.46 0.18 -3.50
CORNELL_____ 23752	20.59 0.16 0.00	18.99 0.13 0.00	19.02 0.11 0.00	18.21 0.13 0.00	19.72 0.20 0.00	20.52 0.28 0.00	30.03 0.59 0.00	33.83 0.60 0.00	29.81 0.44 0.00	27.07 0.40 0.00	26.80 0.34 0.00	26.77 0.37 0.00	27.68 0.33 0.00	29.91 0.35 0.00	31.23 0.37 0.00	34.18 0.27 0.00	38.69 0.38 0.00	52.95 0.61 -1.13	43.81 0.52 0.00	37.18 0.40 0.00	34.84 0.38 0.00	29.31 0.38 0.00	25.59 0.33 0.00	23.08 0.30 0.00

CORONA__69_KV_TB1 355595	22.16 1.74 0.00	20.35 1.49 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.85 1.33 0.00	21.69 1.46 0.00	31.24 1.80 0.00	34.89 1.66 0.00	31.58 2.20 0.00	28.88 2.21 0.00	28.60 2.14 0.00	28.57 2.16 0.00	29.79 2.43 0.00	31.89 2.33 0.00	33.11 2.25 0.00	36.58 2.68 0.00	41.95 3.64 0.00	62.00 4.76 -6.04	47.27 3.98 0.00	40.13 3.35 0.00	37.39 2.93 0.00	32.28 2.60 -0.74	27.48 2.22 0.00	24.60 1.82 0.00
CORTLAND__115KV_TB3 80093	20.48 0.06 0.00	18.92 0.06 0.00	18.95 0.04 0.00	18.13 0.05 0.00	19.62 0.10 0.00	20.40 0.16 0.00	29.79 0.35 0.00	33.60 0.37 0.00	29.58 0.21 0.00	26.88 0.21 0.00	26.65 0.19 0.00	26.59 0.18 0.00	27.49 0.14 0.00	29.70 0.15 0.00	31.01 0.15 0.00	33.97 0.07 0.00	38.42 0.11 0.00	51.92 0.20 -0.52	43.46 0.17 0.00	36.93 0.15 0.00	34.60 0.14 0.00	29.08 0.14 0.00	25.41 0.15 0.00	22.92 0.14 0.00
COXSACKIE__GT 23611	21.81 1.39 0.00	20.10 1.24 0.00	20.18 1.27 0.00	19.27 1.19 0.00	20.81 1.29 0.00	21.65 1.42 0.00	31.65 2.21 0.00	35.59 2.36 0.00	31.52 2.14 0.00	28.27 1.60 0.00	27.78 1.32 0.00	27.62 1.22 0.00	28.70 1.34 0.00	31.03 1.48 0.00	32.65 1.79 0.00	36.24 2.34 0.00	41.22 2.91 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.61 2.83 0.00	37.01 2.55 0.00	30.96 2.02 0.00	26.85 1.59 0.00	24.19 1.41 0.00
CPV_VALLEY__CC1 323721	21.30 0.88 0.00	19.65 0.79 0.00	19.69 0.78 0.00	18.80 0.72 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.62 1.18 0.00	34.63 1.40 0.00	30.70 1.32 0.00	27.84 1.17 0.00	27.62 1.16 0.00	27.54 1.13 0.00	28.61 1.26 0.00	30.86 1.30 0.00	32.19 1.33 0.00	35.63 1.73 0.00	40.30 1.99 0.00	53.79 2.61 0.02	45.50 2.21 0.00	38.66 1.87 0.00	36.15 1.69 0.00	30.26 1.33 0.00	26.42 1.16 0.00	23.74 0.96 0.00
CPV_VALLEY__CC2 323722	21.30 0.88 0.00	19.65 0.79 0.00	19.69 0.78 0.00	18.80 0.72 0.00	20.30 0.78 0.00	21.05 0.81 0.00	30.62 1.18 0.00	34.63 1.40 0.00	30.70 1.32 0.00	27.84 1.17 0.00	27.62 1.16 0.00	27.54 1.13 0.00	28.61 1.26 0.00	30.86 1.30 0.00	32.19 1.33 0.00	35.63 1.73 0.00	40.30 1.99 0.00	53.79 2.61 0.02	45.50 2.21 0.00	38.66 1.87 0.00	36.15 1.69 0.00	30.26 1.33 0.00	26.42 1.16 0.00	23.74 0.96 0.00
CRESCENT__HYD 24018	21.34 0.92 0.00	19.73 0.87 0.00	19.78 0.87 0.00	18.91 0.83 0.00	20.36 0.84 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.66 1.43 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.57 1.11 0.00	27.49 1.08 0.00	28.45 1.10 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.71 2.51 0.00	45.37 2.08 0.00	38.55 1.77 0.00	36.05 1.59 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.78 1.00 0.00
CRICKET__VALLEY_CC1 323756	21.36 0.94 0.00	19.75 0.89 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.36 0.84 0.00	21.11 0.87 0.00	30.68 1.24 0.00	34.69 1.46 0.00	30.84 1.47 0.00	27.95 1.28 0.00	27.73 1.27 0.00	27.67 1.27 0.00	28.78 1.42 0.00	31.00 1.45 0.00	32.37 1.51 0.00	35.84 1.93 0.00	40.57 2.26 0.00	54.15 2.97 0.02	45.71 2.42 0.00	38.84 2.06 0.00	36.32 1.86 0.00	30.38 1.45 0.00	26.50 1.24 0.00	23.78 1.00 0.00
CRICKET__VALLEY_CC2 323757	21.36 0.94 0.00	19.75 0.89 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.36 0.84 0.00	21.11 0.87 0.00	30.68 1.24 0.00	34.69 1.46 0.00	30.84 1.47 0.00	27.95 1.28 0.00	27.73 1.27 0.00	27.67 1.27 0.00	28.78 1.42 0.00	31.00 1.45 0.00	32.37 1.51 0.00	35.84 1.93 0.00	40.57 2.26 0.00	54.15 2.97 0.02	45.71 2.42 0.00	38.84 2.06 0.00	36.32 1.86 0.00	30.38 1.45 0.00	26.50 1.24 0.00	23.78 1.00 0.00
CRICKET__VALLEY_CC3 323758	21.36 0.94 0.00	19.75 0.89 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.36 0.84 0.00	21.11 0.87 0.00	30.68 1.24 0.00	34.69 1.46 0.00	30.84 1.47 0.00	27.95 1.28 0.00	27.73 1.27 0.00	27.67 1.27 0.00	28.78 1.42 0.00	31.00 1.45 0.00	32.37 1.51 0.00	35.84 1.93 0.00	40.57 2.26 0.00	54.15 2.97 0.02	45.71 2.42 0.00	38.84 2.06 0.00	36.32 1.86 0.00	30.38 1.45 0.00	26.50 1.24 0.00	23.78 1.00 0.00
CRUCIBLE_METL_DRP 24180	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.22 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.45 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.58 -0.21 0.00
DAHOWA__HYDRO 323763	21.65 1.23 0.00	20.01 1.15 0.00	20.04 1.13 0.00	19.15 1.07 0.00	20.42 0.90 0.00	21.25 1.01 0.00	30.94 1.50 0.00	34.86 1.63 0.00	30.81 1.44 0.00	27.89 1.23 0.00	27.62 1.16 0.00	27.54 1.13 0.00	28.50 1.15 0.00	30.83 1.27 0.00	32.28 1.42 0.00	35.67 1.76 0.00	40.34 2.03 0.00	54.06 2.87 0.00	45.63 2.34 0.00	38.77 1.98 0.00	36.22 1.76 0.00	30.35 1.42 0.00	26.45 1.19 0.00	24.08 1.30 0.00
DANC__LFGE 323619	20.22 -0.20 0.00	18.75 -0.11 0.00	18.74 -0.17 0.00	17.71 -0.15 0.22	18.88 -0.14 0.51	22.04 -0.06 -1.87	30.94 0.12 -1.38	37.61 0.20 -4.18	30.83 0.06 -1.40	30.37 0.11 -3.60	30.12 0.08 -3.58	30.00 0.03 -3.57	31.00 -0.03 -3.67	33.34 -0.12 -3.90	34.78 -0.12 -4.04	37.29 -0.17 -3.56	38.45 -0.11 -0.25	52.75 0.10 -1.45	48.82 0.22 -5.31	38.88 0.04 -2.07	37.98 0.14 -3.38	28.25 0.03 0.71	27.92 0.00 -2.67	25.11 -0.07 -2.40
DANSKAMMER__1 23586	21.61 1.18 0.00	19.90 1.04 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.56 1.03 0.00	21.33 1.09 0.00	31.06 1.62 0.00	35.12 1.89 0.00	31.23 1.85 0.00	28.27 1.60 0.00	28.02 1.56 0.00	27.91 1.50 0.00	29.05 1.70 0.00	31.33 1.77 0.00	32.74 1.88 0.00	36.31 2.41 0.00	41.10 2.80 0.00	54.87 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.73 1.79 0.00	26.77 1.52 0.00	24.03 1.25 0.00
DANSKAMMER__2 23589	21.61 1.18 0.00	19.90 1.04 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.56 1.03 0.00	21.33 1.09 0.00	31.06 1.62 0.00	35.12 1.89 0.00	31.23 1.85 0.00	28.27 1.60 0.00	28.02 1.56 0.00	27.91 1.50 0.00	29.05 1.70 0.00	31.33 1.77 0.00	32.74 1.88 0.00	36.31 2.41 0.00	41.10 2.80 0.00	54.87 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.73 1.79 0.00	26.77 1.52 0.00	24.03 1.25 0.00
DANSKAMMER__3 23590	21.61 1.18 0.00	19.90 1.04 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.56 1.03 0.00	21.33 1.09 0.00	31.06 1.62 0.00	35.12 1.89 0.00	31.23 1.85 0.00	28.27 1.60 0.00	28.02 1.56 0.00	27.91 1.50 0.00	29.05 1.70 0.00	31.33 1.77 0.00	32.74 1.88 0.00	36.31 2.41 0.00	41.10 2.80 0.00	54.87 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.73 1.79 0.00	26.77 1.52 0.00	24.03 1.25 0.00

DANSKAMMER___4 23591	21.61 1.18 0.00	19.90 1.04 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.56 1.03 0.00	21.33 1.09 0.00	31.06 1.62 0.00	35.12 1.89 0.00	31.23 1.85 0.00	28.27 1.60 0.00	28.02 1.56 0.00	27.91 1.50 0.00	29.05 1.70 0.00	31.33 1.77 0.00	32.74 1.88 0.00	36.31 2.41 0.00	41.10 2.80 0.00	54.87 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.73 1.79 0.00	26.77 1.52 0.00	24.03 1.25 0.00
DANSKAMMER___DIESEL 23592	21.61 1.18 0.00	19.92 1.06 0.00	19.97 1.06 0.00	19.07 0.99 0.00	20.56 1.03 0.00	21.33 1.09 0.00	31.06 1.62 0.00	35.13 1.89 0.00	31.22 1.85 0.00	28.29 1.63 0.00	28.02 1.56 0.00	27.91 1.50 0.00	29.08 1.72 0.00	31.33 1.77 0.00	32.74 1.88 0.00	36.28 2.37 0.00	41.10 2.80 0.00	54.86 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.72 1.79 0.00	26.77 1.52 0.00	24.03 1.25 0.00
DARBY___SOLAR 323810	21.57 1.14 0.00	19.93 1.07 0.00	19.97 1.06 0.00	19.07 0.99 0.00	20.38 0.86 0.00	21.21 0.97 0.00	30.85 1.41 0.00	34.79 1.56 0.00	30.76 1.38 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.51 1.11 0.00	28.50 1.15 0.00	30.80 1.24 0.00	32.25 1.39 0.00	35.60 1.69 0.00	40.26 1.95 0.00	53.96 2.76 0.00	45.54 2.25 0.00	38.69 1.91 0.00	36.15 1.69 0.00	30.29 1.36 0.00	26.40 1.14 0.00	24.01 1.23 0.00
DASHVILLE___HYD 23610	21.22 0.80 0.00	19.56 0.70 0.00	19.65 0.74 0.00	18.77 0.69 0.00	20.22 0.70 0.00	20.92 0.69 0.00	30.44 1.00 0.00	34.39 1.16 0.00	30.55 1.17 0.00	27.68 1.01 0.00	27.41 0.95 0.00	27.30 0.90 0.00	28.42 1.07 0.00	30.62 1.06 0.00	32.00 1.14 0.00	35.47 1.56 0.00	40.15 1.84 0.00	53.59 2.41 0.02	45.24 1.95 0.00	38.44 1.66 0.00	35.98 1.52 0.00	30.06 1.13 0.00	26.24 0.99 0.00	23.55 0.77 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.30 1.88 0.00	20.48 1.62 0.00	20.35 1.44 0.00	19.47 1.39 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.85 1.41 0.00	34.16 0.93 0.00	31.40 2.03 0.00	28.91 2.24 0.00	28.13 1.67 0.00	28.09 1.69 0.00	29.54 2.19 0.00	31.68 2.13 0.00	32.77 1.91 0.00	36.31 2.41 0.00	42.18 3.87 0.00	59.62 5.02 -3.40	47.40 4.11 0.00	40.24 3.46 0.00	37.43 2.96 0.00	32.45 2.78 -0.74	27.61 2.35 0.00	24.83 2.05 0.00
DELAWARE___LFGE 323621	21.00 0.57 0.00	19.43 0.57 0.00	19.50 0.59 0.00	18.66 0.58 0.00	20.17 0.64 0.00	20.86 0.63 0.00	30.41 0.97 0.00	34.33 1.10 0.00	30.31 0.94 0.00	27.57 0.91 0.00	27.33 0.87 0.00	27.27 0.87 0.00	28.26 0.90 0.00	30.50 0.95 0.00	31.82 0.96 0.00	35.06 1.15 0.00	39.65 1.34 0.00	52.92 1.79 0.07	44.76 1.47 0.00	37.99 1.21 0.00	35.60 1.14 0.00	29.86 0.93 0.00	26.04 0.78 0.00	23.44 0.66 0.00
DERFIELD_115KV_TB7 355931	20.53 0.10 0.00	18.95 0.09 0.00	19.02 0.11 0.00	18.42 0.11 -0.23	20.16 0.12 -0.52	20.70 0.10 -0.37	30.47 0.15 -0.88	33.44 0.17 -0.04	30.40 0.15 -0.88	26.80 0.13 0.00	26.59 0.13 0.00	26.53 0.13 0.00	27.49 0.14 0.00	29.70 0.15 0.00	31.01 0.15 0.00	34.11 0.20 0.00	38.54 0.23 0.00	51.57 0.31 -0.06	43.51 0.22 0.00	37.88 0.18 -0.92	35.01 0.17 -0.37	29.81 0.14 -0.73	25.38 0.13 0.00	22.89 0.11 0.00
DOGLEVILLE___HYD 23807	20.81 0.39 0.00	19.26 0.40 0.00	19.25 0.34 0.00	18.58 0.27 -0.23	20.28 0.24 -0.52	20.78 0.18 -0.37	30.56 0.23 -0.88	33.51 0.23 -0.04	30.46 0.21 -0.88	26.88 0.21 0.00	26.65 0.19 0.00	26.59 0.19 0.00	27.57 0.22 0.00	29.79 0.24 0.00	31.17 0.31 0.00	34.38 0.47 0.00	38.81 0.50 0.00	51.93 0.66 -0.06	43.77 0.48 0.00	37.99 0.29 -0.92	35.08 0.24 -0.37	29.81 0.15 -0.73	25.38 0.13 0.00	22.85 0.07 0.00
DUNKIRK___115KV_TB_200 55889	19.20 -1.23 0.00	17.60 -1.26 0.00	17.53 -1.38 0.00	16.83 -1.25 0.00	18.33 -1.19 0.00	19.29 -0.95 0.00	27.82 -1.62 0.00	31.00 -2.23 0.00	26.99 -2.38 0.00	24.51 -2.16 0.00	24.55 -1.91 0.00	24.58 -1.82 0.00	25.06 -2.30 0.00	27.34 -2.22 0.00	28.11 -2.75 0.00	30.20 -3.70 0.01	34.05 -4.25 0.01	43.44 -5.89 1.87	39.04 -4.24 0.01	33.32 -3.46 0.01	31.46 -3.00 0.00	26.91 -2.03 0.00	23.69 -1.57 0.00	21.98 -0.80 0.00
DUNKIRK___1 23563	19.20 -1.23 0.00	17.60 -1.26 0.00	17.53 -1.38 0.00	16.83 -1.25 0.00	18.33 -1.19 0.00	19.29 -0.95 0.00	27.82 -1.62 0.00	31.00 -2.23 0.00	26.99 -2.38 0.00	24.51 -2.16 0.00	24.55 -1.91 0.00	24.58 -1.82 0.00	25.06 -2.30 0.00	27.34 -2.22 0.00	28.11 -2.75 0.00	30.20 -3.70 0.01	34.05 -4.25 0.01	43.44 -5.89 1.87	39.04 -4.24 0.01	33.32 -3.46 0.01	31.46 -3.00 0.00	26.91 -2.03 0.00	23.69 -1.57 0.00	21.98 -0.80 0.00
DUNKIRK___2 23564	19.20 -1.23 0.00	17.60 -1.26 0.00	17.53 -1.38 0.00	16.83 -1.25 0.00	18.33 -1.19 0.00	19.29 -0.95 0.00	27.82 -1.62 0.00	31.00 -2.23 0.00	26.99 -2.38 0.00	24.51 -2.16 0.00	24.55 -1.91 0.00	24.58 -1.82 0.00	25.06 -2.30 0.00	27.34 -2.22 0.00	28.11 -2.75 0.00	30.20 -3.70 0.01	34.05 -4.25 0.01	43.44 -5.89 1.87	39.04 -4.24 0.01	33.32 -3.46 0.01	31.46 -3.00 0.00	26.91 -2.03 0.00	23.69 -1.57 0.00	21.98 -0.80 0.00
DUNKIRK___3 23565	19.26 -1.16 0.00	17.65 -1.21 0.00	17.57 -1.34 0.00	16.87 -1.21 0.00	18.37 -1.15 0.00	19.33 -0.91 0.00	27.88 -1.56 0.00	31.04 -2.19 0.00	27.02 -2.35 0.00	24.53 -2.13 0.00	24.58 -1.88 0.00	24.61 -1.80 0.00	25.09 -2.27 0.00	27.37 -2.19 0.00	28.17 -2.68 0.00	30.27 -3.63 0.01	34.17 -4.14 0.01	43.47 -5.79 1.95	39.13 -4.16 0.01	33.35 -3.42 0.01	31.50 -2.96 0.00	26.93 -2.00 0.00	23.72 -1.54 0.00	22.01 -0.77 0.00
DUNKIRK___4 23566	19.26 -1.16 0.00	17.65 -1.21 0.00	17.57 -1.34 0.00	16.87 -1.21 0.00	18.37 -1.15 0.00	19.33 -0.91 0.00	27.88 -1.56 0.00	31.04 -2.19 0.00	27.02 -2.35 0.00	24.53 -2.13 0.00	24.58 -1.88 0.00	24.61 -1.80 0.00	25.09 -2.27 0.00	27.37 -2.19 0.00	28.17 -2.68 0.00	30.27 -3.63 0.01	34.17 -4.14 0.01	43.47 -5.79 1.95	39.13 -4.16 0.01	33.35 -3.42 0.01	31.50 -2.96 0.00	26.93 -2.00 0.00	23.72 -1.54 0.00	22.01 -0.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.71 1.29 0.00	20.01 1.15 0.00	20.04 1.13 0.00	19.13 1.05 0.00	20.61 1.09 0.00	21.39 1.15 0.00	31.15 1.71 0.00	35.26 2.03 0.00	31.37 2.00 0.00	28.45 1.79 0.00	28.23 1.77 0.00	28.14 1.74 0.00	29.30 1.94 0.00	31.57 2.01 0.00	32.93 2.07 0.00	36.48 2.58 0.00	41.30 2.99 0.00	55.12 3.94 0.02	46.54 3.25 0.00	39.54 2.76 0.00	36.98 2.52 0.00	30.90 1.97 0.00	26.92 1.67 0.00	24.15 1.37 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.51 1.08 0.00	19.82 0.96 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.46 0.94 0.00	21.23 0.99 0.00	30.91 1.47 0.00	34.93 1.69 0.00	31.05 1.67 0.00	28.13 1.47 0.00	27.86 1.40 0.00	27.78 1.37 0.00	28.89 1.53 0.00	31.15 1.60 0.00	32.53 1.67 0.00	36.04 2.14 0.00	40.80 2.49 0.00	54.45 3.28 0.02	46.02 2.73 0.00	39.10 2.32 0.00	36.56 2.10 0.00	30.55 1.62 0.00	26.65 1.39 0.00	23.92 1.14 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.98 1.55 0.00	20.20 1.34 0.00	20.23 1.32 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.49 1.25 0.00	31.24 1.80 0.00	35.26 2.03 0.00	31.34 1.97 0.00	28.43 1.76 0.00	28.23 1.77 0.00	28.17 1.77 0.00	29.33 1.97 0.00	31.60 2.04 0.00	32.96 2.10 0.00	36.58 2.68 0.00	41.30 2.99 0.00	55.17 3.99 0.02	46.50 3.20 0.00	39.54 2.76 0.00	36.98 2.52 0.00	30.84 1.91 0.00	27.10 1.84 0.00	24.35 1.57 0.00
E179THST_13_KV_LOAD 356214	22.04 1.61 0.00	20.27 1.41 0.00	20.29 1.38 0.00	19.29 1.21 0.00	20.85 1.33 0.00	21.55 1.32 0.00	31.36 1.91 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.20 1.94 0.00	24.44 1.66 0.00
EAST HAMPTON___GT 23717	22.10 1.68 0.00	20.27 1.42 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.63 1.11 0.00	21.49 1.26 0.00	30.44 1.00 0.00	33.86 0.63 0.00	31.11 1.73 0.00	28.53 1.87 0.00	27.86 1.40 0.00	27.83 1.42 0.00	29.24 1.89 0.00	31.33 1.77 0.00	32.43 1.57 0.00	35.97 2.07 0.00	41.83 3.52 0.00	59.26 4.66 -3.40	46.97 3.68 0.00	39.87 3.09 0.00	37.08 2.62 0.00	32.19 2.52 -0.74	27.33 2.07 0.00	24.69 1.91 0.00
EAST RIVER___6 23660	21.83 1.41 0.00	20.10 1.24 0.00	20.08 1.17 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.27 1.83 0.00	35.49 2.26 0.00	31.58 2.20 0.00	28.61 1.95 0.00	28.45 1.99 0.00	28.38 1.98 0.00	29.52 2.16 0.00	31.83 2.28 0.00	33.17 2.32 0.00	36.82 2.92 0.00	41.64 3.33 0.00	55.58 4.40 0.02	46.88 3.59 0.00	39.83 3.05 0.00	37.18 2.72 0.00	31.02 2.08 0.00	27.08 1.82 0.00	24.26 1.48 0.00
EAST RIVER___7 23524	21.83 1.41 0.00	20.10 1.24 0.00	20.08 1.17 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.27 1.83 0.00	35.49 2.26 0.00	31.58 2.20 0.00	28.61 1.95 0.00	28.45 1.99 0.00	28.38 1.98 0.00	29.52 2.16 0.00	31.83 2.28 0.00	33.17 2.32 0.00	36.82 2.92 0.00	41.64 3.33 0.00	55.58 4.40 0.02	46.88 3.59 0.00	39.83 3.05 0.00	37.18 2.72 0.00	31.02 2.08 0.00	27.08 1.82 0.00	24.26 1.48 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.09 1.01 0.00	20.58 1.05 0.00	21.35 1.11 0.00	31.06 1.62 0.00	35.16 1.93 0.00	31.25 1.88 0.00	28.37 1.71 0.00	28.13 1.67 0.00	28.04 1.64 0.00	29.19 1.83 0.00	31.45 1.89 0.00	32.80 1.94 0.00	36.31 2.41 0.00	41.14 2.83 0.00	54.92 3.74 0.02	46.37 3.07 0.00	39.39 2.61 0.00	36.84 2.38 0.00	30.81 1.88 0.00	26.87 1.62 0.00	24.10 1.32 0.00
EAST_HAMPTON___DIESEL 23722	22.06 1.63 0.00	20.24 1.38 0.00	20.10 1.19 0.00	19.16 1.08 0.00	20.59 1.07 0.00	21.45 1.21 0.00	30.38 0.94 0.00	33.80 0.56 0.00	31.05 1.67 0.00	28.48 1.81 0.00	27.78 1.35 0.00	27.75 1.35 0.00	29.19 1.83 0.00	31.27 1.71 0.00	32.37 1.51 0.00	35.91 2.00 0.00	41.76 3.45 0.00	59.11 4.51 -3.40	46.88 3.59 0.00	39.80 3.02 0.00	36.98 2.51 0.00	32.13 2.46 -0.74	27.28 2.02 0.00	24.65 1.87 0.00
EAST_POINT___SOLAR 323840	21.67 1.25 0.00	20.07 1.21 0.00	20.06 1.15 0.00	19.16 1.08 0.00	20.71 1.19 0.00	21.65 1.42 0.00	31.68 2.24 0.00	35.66 2.42 0.00	31.14 1.76 0.00	28.00 1.33 0.00	27.33 0.87 0.00	26.96 0.56 0.00	27.96 0.60 0.00	30.53 0.97 0.00	32.09 1.24 0.00	36.11 2.20 0.00	41.03 2.72 0.00	55.17 4.00 0.02	46.54 3.25 0.00	39.54 2.76 0.00	36.87 2.41 0.00	31.02 2.08 0.00	26.85 1.59 0.00	24.15 1.37 0.00
EAST_PULASKI___ESR 323781	20.08 -0.35 0.00	18.58 -0.28 0.00	18.59 -0.32 0.00	17.68 -0.29 0.11	18.97 -0.31 0.24	21.00 -0.26 -1.03	29.97 -0.27 -0.80	35.19 -0.30 -2.26	29.86 -0.32 -0.81	28.34 -0.27 -1.94	28.13 -0.26 -1.93	28.07 -0.26 -1.93	29.01 -0.33 -1.98	31.25 -0.41 -2.10	32.61 -0.43 -2.18	35.28 -0.54 -1.92	37.87 -0.57 -0.14	51.27 -0.72 -0.78	45.64 -0.52 -2.86	37.44 -0.51 -1.17	35.90 -0.41 -1.85	28.25 -0.35 0.34	26.39 -0.30 -1.44	23.78 -0.30 -1.29
EAST_RIVER___1 323558	21.81 1.39 0.00	20.08 1.23 0.00	20.08 1.17 0.00	19.15 1.07 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.53 3.22 0.00	55.48 4.30 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.15 2.69 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
EAST_RIVER___2 323559	21.83 1.41 0.00	20.10 1.24 0.00	20.08 1.17 0.00	19.13 1.05 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.27 1.83 0.00	35.49 2.26 0.00	31.58 2.20 0.00	28.61 1.95 0.00	28.45 1.99 0.00	28.38 1.98 0.00	29.52 2.16 0.00	31.83 2.28 0.00	33.17 2.32 0.00	36.82 2.92 0.00	41.64 3.33 0.00	55.58 4.40 0.02	46.88 3.59 0.00	39.83 3.05 0.00	37.18 2.72 0.00	31.02 2.08 0.00	27.08 1.82 0.00	24.26 1.48 0.00
EAST___DELAWARE_HYD 23607	21.53 1.10 0.00	19.84 0.98 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.52 1.00 0.00	21.29 1.05 0.00	31.03 1.59 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.19 1.52 0.00	27.89 1.43 0.00	27.77 1.37 0.00	28.91 1.56 0.00	31.15 1.59 0.00	32.59 1.73 0.00	36.11 2.20 0.00	40.95 2.64 0.00	54.66 3.48 0.02	46.19 2.90 0.00	39.17 2.39 0.00	36.67 2.21 0.00	30.64 1.71 0.00	26.70 1.44 0.00	23.96 1.18 0.00
EIGHT_POINT___WT_PWR 323820	19.40 -1.02 0.00	17.86 -1.00 0.00	17.79 -1.12 0.00	17.03 -1.05 0.00	18.43 -1.09 0.00	19.35 -0.89 0.00	28.32 -1.12 0.00	31.64 -1.59 0.00	27.61 -1.76 0.00	25.25 -1.41 0.00	25.03 -1.43 0.00	24.98 -1.43 0.00	25.66 -1.70 0.00	27.84 -1.72 0.00	29.04 -1.82 0.00	31.36 -2.54 0.00	35.43 -2.87 0.00	48.00 -3.89 -0.69	40.00 -3.29 0.00	33.87 -2.91 0.00	31.53 -2.93 0.00	26.79 -2.14 0.00	23.54 -1.72 0.00	21.55 -1.23 0.00
ELBRIDGE_115KV_TB2 80188	20.10 -0.33 0.00	18.54 -0.32 0.00	18.59 -0.32 0.00	17.79 -0.29 0.00	19.23 -0.29 0.00	19.97 -0.26 0.00	29.12 -0.32 0.00	32.83 -0.40 0.00	28.99 -0.38 0.00	26.35 -0.32 0.00	26.14 -0.32 0.00	26.09 -0.32 0.00	27.00 -0.36 0.00	29.17 -0.38 0.00	30.46 -0.40 0.00	33.30 -0.61 0.00	37.66 -0.65 0.00	51.50 -0.87 -1.17	42.56 -0.74 0.00	36.19 -0.59 0.00	33.91 -0.55 0.00	28.53 -0.41 0.00	24.93 -0.33 0.00	22.48 -0.30 0.00
ELEC_TRO_TEK 24086	22.06 1.63 0.00	20.27 1.41 0.00	20.23 1.32 0.00	19.31 1.23 0.00	20.77 1.25 0.00	21.61 1.38 0.00	31.12 1.68 0.00	34.76 1.53 0.00	31.46 2.09 0.00	28.77 2.11 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.65 2.30 0.00	31.77 2.22 0.00	32.96 2.10 0.00	36.45 2.54 0.00	41.76 3.45 0.00	61.66 4.51 -5.96	47.01 3.72 0.00	39.91 3.13 0.00	37.22 2.76 0.00	32.10 2.43 -0.74	27.35 2.10 0.00	24.49 1.71 0.00

ELLENBURG_WT_PWR 323604	19.97 -0.45 0.00	18.41 -0.45 0.00	18.20 -0.70 0.01	13.38 -0.76 3.94	9.71 -0.90 8.91	-7.02 -0.91 26.35	-7.06 -1.21 35.29	-7.17 -1.39 39.01	-7.12 -1.23 35.26	-7.11 -1.12 32.66	-7.11 -1.09 32.49	-7.14 -1.11 32.43	-7.12 -1.12 33.35	-7.07 -1.21 35.41	-7.07 -1.27 36.66	0.20 -1.42 32.28	34.52 -1.49 2.30	34.52 -1.89 14.79	-6.40 -1.52 48.18	-7.12 -1.47 42.42	-7.11 -1.34 40.23	15.28 -1.16 12.49	0.02 -1.04 24.20	0.04 -0.96 21.78
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.22 -1.20 0.00	17.65 -1.21 0.00	17.57 -1.34 0.00	16.85 -1.23 0.00	18.33 -1.19 0.00	19.26 -0.97 0.00	27.73 -1.71 0.00	30.81 -2.43 0.00	26.88 -2.50 0.00	24.40 -2.27 0.00	24.45 -2.01 0.00	24.48 -1.93 0.00	24.95 -2.41 0.00	27.19 -2.36 0.00	28.05 -2.81 0.00	30.07 -3.83 0.01	33.90 -4.41 0.01	42.92 -6.14 2.13	38.39 -4.89 0.01	32.73 -4.05 0.01	31.02 -3.45 0.00	26.59 -2.34 0.00	23.41 -1.84 0.00	21.78 -1.00 0.00
EMPIRE_CC_1 323656	21.24 0.82 0.00	19.61 0.76 0.00	19.69 0.78 0.00	18.82 0.74 0.00	20.28 0.76 0.00	21.02 0.79 0.00	30.56 1.12 0.00	34.46 1.23 0.00	30.52 1.14 0.00	27.65 0.99 0.00	27.44 0.98 0.00	27.38 0.98 0.00	28.31 0.96 0.00	30.65 1.09 0.00	32.03 1.17 0.00	35.33 1.42 0.00	39.95 1.65 0.00	53.40 2.20 0.00	45.11 1.82 0.00	38.36 1.58 0.00	35.84 1.38 0.00	30.09 1.16 0.00	26.24 0.98 0.00	23.67 0.89 0.00
EMPIRE_CC_2 323658	21.24 0.82 0.00	19.61 0.76 0.00	19.69 0.78 0.00	18.82 0.74 0.00	20.28 0.76 0.00	21.02 0.79 0.00	30.56 1.12 0.00	34.46 1.23 0.00	30.52 1.14 0.00	27.65 0.99 0.00	27.44 0.98 0.00	27.38 0.98 0.00	28.31 0.96 0.00	30.65 1.09 0.00	32.03 1.17 0.00	35.33 1.42 0.00	39.95 1.65 0.00	53.40 2.20 0.00	45.11 1.82 0.00	38.36 1.58 0.00	35.84 1.38 0.00	30.09 1.16 0.00	26.24 0.98 0.00	23.67 0.89 0.00
ENORWICH_115KV_TB1 80156	21.28 0.86 0.00	19.84 0.98 0.00	19.78 0.87 0.00	19.00 0.92 0.00	20.61 1.09 0.00	21.49 1.25 0.00	31.62 2.18 0.00	35.69 2.46 0.00	31.22 1.85 0.00	28.51 1.84 0.00	28.15 1.69 0.00	28.14 1.74 0.00	29.11 1.75 0.00	31.39 1.83 0.00	32.80 1.94 0.00	36.04 2.14 0.00	40.95 2.64 0.00	55.64 3.89 -0.55	46.49 3.20 0.00	39.13 2.35 0.00	36.70 2.24 0.00	30.75 1.82 0.00	26.75 1.49 0.00	24.01 1.23 0.00
ERIE_ST_34_KV_TB1-2 80199	19.71 -0.71 0.00	18.07 -0.79 0.00	17.98 -0.93 0.00	17.28 -0.80 0.00	18.80 -0.72 0.00	19.77 -0.47 0.00	28.53 -0.91 0.00	31.67 -1.56 0.00	27.55 -1.82 0.00	25.01 -1.65 0.00	25.06 -1.40 0.00	25.08 -1.32 0.00	25.58 -1.78 0.00	27.90 -1.66 0.00	28.79 -2.07 0.00	31.12 -2.78 0.01	35.28 -3.03 0.01	45.04 -4.20 1.96	39.78 -3.51 0.01	33.91 -2.87 0.01	31.84 -2.62 0.00	27.22 -1.71 0.00	23.97 -1.29 0.00	22.32 -0.46 0.00
ERIE_WT_PWR 323693	19.36 -1.06 0.00	17.77 -1.09 0.00	17.70 -1.21 0.00	17.00 -1.08 0.00	18.49 -1.04 0.00	19.43 -0.81 0.00	28.03 -1.41 0.00	31.10 -2.13 0.00	27.11 -2.26 0.00	24.72 -1.95 0.00	24.66 -1.80 0.00	24.66 -1.74 0.00	25.19 -2.16 0.00	27.46 -2.10 0.00	28.30 -2.56 0.00	30.37 -3.53 0.01	34.32 -3.98 0.01	43.66 -5.53 2.01	38.87 -4.42 0.01	33.13 -3.64 0.01	31.33 -3.14 0.00	26.82 -2.11 0.00	23.64 -1.62 0.00	21.98 -0.80 0.00
ESPRGFLD_115KV_TB1 80157	21.14 0.71 0.00	19.58 0.72 0.00	19.61 0.70 0.00	18.77 0.69 0.00	20.30 0.78 0.00	21.13 0.89 0.00	30.88 1.44 0.00	34.86 1.63 0.00	30.64 1.26 0.00	27.81 1.15 0.00	27.47 1.01 0.00	27.35 0.95 0.00	28.34 0.98 0.00	30.65 1.09 0.00	32.03 1.17 0.00	35.47 1.56 0.00	40.07 1.76 0.00	53.72 2.56 0.04	45.37 2.08 0.00	38.47 1.69 0.00	35.98 1.52 0.00	30.23 1.30 0.00	26.29 1.04 0.00	23.65 0.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.57 0.14 0.00	18.99 0.13 0.00	19.00 0.09 0.00	18.21 0.13 0.00	19.70 0.18 0.00	20.50 0.26 0.00	29.97 0.53 0.00	33.80 0.56 0.00	29.76 0.38 0.00	27.04 0.37 0.00	26.78 0.32 0.00	26.72 0.32 0.00	27.63 0.27 0.00	29.85 0.30 0.00	31.20 0.34 0.00	34.11 0.20 0.00	38.65 0.34 0.00	52.77 0.56 -1.00	43.77 0.48 0.00	37.15 0.37 0.00	34.81 0.34 0.00	29.25 0.32 0.00	25.56 0.30 0.00	23.05 0.27 0.00
ETNA____115KV_TB2 80207	20.57 0.14 0.00	18.99 0.13 0.00	19.00 0.09 0.00	18.21 0.13 0.00	19.70 0.18 0.00	20.50 0.26 0.00	29.97 0.53 0.00	33.80 0.56 0.00	29.76 0.38 0.00	27.04 0.37 0.00	26.78 0.32 0.00	26.72 0.32 0.00	27.63 0.27 0.00	29.85 0.30 0.00	31.20 0.34 0.00	34.11 0.20 0.00	38.65 0.34 0.00	52.77 0.56 -1.00	43.77 0.48 0.00	37.15 0.37 0.00	34.81 0.34 0.00	29.25 0.32 0.00	25.56 0.30 0.00	23.05 0.27 0.00
EUCLID____115KV_TB2 356179	19.99 -0.43 0.00	18.46 -0.40 0.00	18.49 -0.42 0.00	17.70 -0.38 0.00	19.13 -0.39 0.00	19.87 -0.36 0.00	28.94 -0.50 0.00	32.67 -0.56 0.00	28.79 -0.59 0.00	26.16 -0.51 0.00	25.96 -0.50 0.00	25.93 -0.48 0.00	26.81 -0.55 0.00	28.97 -0.59 0.00	30.24 -0.62 0.00	33.09 -0.81 0.00	37.35 -0.96 0.00	49.92 -1.28 0.00	42.21 -1.08 0.00	35.90 -0.88 0.00	33.67 -0.79 0.00	28.32 -0.61 0.00	24.75 -0.51 0.00	22.35 -0.43 0.00
E_CANADA_CAP_HY 24051	21.40 0.98 0.00	19.80 0.94 0.00	19.82 0.91 0.00	18.95 0.87 0.00	20.48 0.96 0.00	21.37 1.13 0.00	31.21 1.77 0.00	35.16 1.93 0.00	30.87 1.50 0.00	27.89 1.23 0.00	27.44 0.98 0.00	27.27 0.87 0.00	28.29 0.93 0.00	30.68 1.12 0.00	32.16 1.30 0.00	35.77 1.86 0.00	40.34 2.03 0.00	54.19 3.02 0.03	45.76 2.47 0.00	38.84 2.06 0.00	36.29 1.83 0.00	30.58 1.65 0.00	26.52 1.26 0.00	23.85 1.07 0.00
E_CANADA_MHWK_HY 24050	20.81 0.39 0.00	19.26 0.40 0.00	19.25 0.34 0.00	18.58 0.27 -0.23	20.28 0.24 -0.52	20.78 0.18 -0.37	30.56 0.23 -0.88	33.51 0.23 -0.04	30.46 0.21 -0.88	26.88 0.21 0.00	26.65 0.19 0.00	26.59 0.19 0.00	27.57 0.22 0.00	29.79 0.24 0.00	31.17 0.31 0.00	34.38 0.47 0.00	38.81 0.50 0.00	51.93 0.66 -0.06	43.77 0.48 0.00	37.99 0.29 -0.92	35.08 0.24 -0.37	29.81 0.15 -0.73	25.38 0.13 0.00	22.85 0.07 0.00
E_FISHKILL____LBMP 23776	21.51 1.08 0.00	19.84 0.98 0.00	19.89 0.98 0.00	18.98 0.90 0.00	20.46 0.94 0.00	21.23 0.99 0.00	30.88 1.44 0.00	34.93 1.69 0.00	31.02 1.64 0.00	28.16 1.49 0.00	27.92 1.46 0.00	27.83 1.43 0.00	28.94 1.59 0.00	31.21 1.66 0.00	32.56 1.70 0.00	36.04 2.14 0.00	40.80 2.49 0.00	54.46 3.28 0.02	46.02 2.73 0.00	39.10 2.32 0.00	36.56 2.10 0.00	30.55 1.62 0.00	26.67 1.41 0.00	23.94 1.16 0.00
FALCON____SEABRD_CC1 323796	20.20 -0.22 0.00	18.60 -0.26 0.00	18.37 -0.53 0.01	13.59 -0.58 3.91	9.96 -0.70 8.86	-6.95 -0.69 26.50	-6.80 -0.85 35.38	-7.29 -1.16 39.36	-7.03 -1.06 35.35	-7.26 -0.96 32.96	-7.26 -0.93 32.79	-7.26 -0.92 32.73	-7.23 -0.93 33.66	-7.22 -1.04 35.74	-7.19 -1.05 37.00	0.07 -1.25 32.58	34.65 -1.34 2.32	34.65 -1.64 14.91	-6.54 -1.21 48.62	-7.04 -1.25 42.57	-7.14 -1.10 40.50	15.71 -0.81 12.41	0.10 -0.73 24.42	0.12 -0.68 21.98

FALCON___SEABRD_CC2 323797	20.20 -0.22 0.00	18.60 -0.26 0.00	18.37 -0.53 0.01	13.59 -0.58 3.91	9.96 -0.70 8.86	-6.95 -0.69 26.50	-6.80 -0.85 35.38	-7.29 -1.16 39.36	-7.03 -1.06 35.35	-7.26 -0.96 32.96	-7.26 -0.93 32.79	-7.26 -0.92 32.73	-7.23 -0.93 33.66	-7.22 -1.04 35.74	-7.19 -1.05 37.00	0.07 -1.25 32.58	34.65 -1.34 2.32	34.65 -1.64 14.91	-6.54 -1.21 48.62	-7.04 -1.25 42.57	-7.14 -1.10 40.50	15.71 -0.81 12.41	0.10 -0.73 24.42	0.12 -0.68 21.98
FAR ROCKAWAY___4 23548	22.30 1.88 0.00	20.48 1.62 0.00	20.44 1.53 0.00	19.49 1.41 0.00	20.97 1.44 0.00	21.81 1.58 0.00	31.41 1.97 0.00	35.03 1.79 0.00	31.75 2.38 0.00	29.07 2.40 0.00	28.79 2.33 0.00	28.78 2.38 0.00	29.98 2.63 0.00	32.13 2.57 0.00	33.33 2.47 0.00	36.82 2.92 0.00	42.29 3.98 0.00	61.88 5.22 -5.45	47.66 4.37 0.00	40.42 3.64 0.00	37.67 3.20 0.00	32.51 2.84 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.85 1.43 0.00	20.12 1.26 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.69 1.17 0.00	21.49 1.25 0.00	31.30 1.85 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.61 1.95 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.56 3.26 0.00	55.48 4.30 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.15 2.69 0.00	31.01 2.08 0.00	27.08 1.82 0.00	24.28 1.50 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.96 1.53 0.00	20.22 1.36 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.79 1.27 0.00	21.59 1.36 0.00	31.47 2.03 0.00	35.66 2.43 0.00	31.72 2.35 0.00	28.77 2.11 0.00	28.55 2.09 0.00	28.49 2.09 0.00	29.65 2.30 0.00	31.95 2.39 0.00	33.33 2.47 0.00	36.96 3.05 0.00	41.83 3.52 0.00	55.84 4.66 0.02	47.14 3.85 0.00	40.05 3.27 0.00	37.43 2.96 0.00	31.22 2.29 0.00	27.25 2.00 0.00	24.42 1.64 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.30 1.85 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.53 3.22 0.00	55.43 4.25 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.15 2.69 0.00	30.99 2.05 0.00	27.08 1.82 0.00	24.26 1.48 0.00
FARRAGUT___LBMP 323566	21.83 1.41 0.00	20.10 1.24 0.00	20.12 1.21 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
FENNER___WINDPWR 24204	20.67 0.25 0.00	19.12 0.26 0.00	19.14 0.23 0.00	18.33 0.25 0.00	19.81 0.29 0.00	21.13 0.36 -0.53	30.65 0.68 -0.53	35.01 0.76 -1.01	30.47 0.56 -0.54	28.11 0.59 -0.86	27.87 0.56 -0.86	27.81 0.56 -0.86	28.78 0.55 -0.88	31.05 0.56 -0.93	32.38 0.56 -0.97	35.33 0.58 -0.85	39.06 0.69 -0.06	52.94 1.02 -0.72	45.43 0.87 -1.27	38.11 0.62 -0.71	35.98 0.62 -0.90	29.42 0.49 0.00	26.32 0.43 -0.64	23.72 0.36 -0.57
FIBERTEK___ENERGY 23856	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.22 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.45 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.58 -0.21 0.00
FITZPATRICK____ 23598	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.81 -0.85 0.00	25.61 -0.85 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.98 -0.95 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	22.32 1.90 0.00	20.50 1.64 0.00	20.40 1.49 0.00	19.49 1.41 0.00	20.93 1.41 0.00	21.79 1.56 0.00	31.06 1.62 0.00	34.39 1.16 0.00	31.52 2.14 0.00	28.96 2.29 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.76 2.41 0.00	31.83 2.28 0.00	32.93 2.07 0.00	36.41 2.51 0.00	42.10 3.79 0.00	59.53 4.92 -3.42	47.40 4.11 0.00	40.24 3.46 0.00	37.46 3.00 0.00	32.48 2.81 -0.74	27.71 2.45 0.00	24.78 2.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.65 1.23 0.00	19.95 1.09 0.00	20.01 1.10 0.00	19.09 1.01 0.00	20.59 1.07 0.00	21.37 1.13 0.00	31.12 1.68 0.00	35.16 1.93 0.00	31.28 1.91 0.00	28.35 1.68 0.00	28.07 1.61 0.00	27.96 1.56 0.00	29.11 1.75 0.00	31.39 1.83 0.00	32.80 1.94 0.00	36.35 2.44 0.00	41.18 2.87 0.00	54.97 3.79 0.02	46.41 3.12 0.00	39.39 2.61 0.00	36.84 2.38 0.00	30.78 1.85 0.00	26.82 1.57 0.00	24.06 1.28 0.00
FORT ORANGE____ 23900	21.32 0.90 0.00	19.69 0.83 0.00	19.76 0.85 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.13 0.89 0.00	30.74 1.29 0.00	34.66 1.43 0.00	30.70 1.32 0.00	27.76 1.09 0.00	27.52 1.06 0.00	27.43 1.03 0.00	28.42 1.07 0.00	30.74 1.18 0.00	32.16 1.30 0.00	35.50 1.59 0.00	40.19 1.88 0.00	53.76 2.56 0.00	45.41 2.12 0.00	38.58 1.80 0.00	36.08 1.62 0.00	30.26 1.33 0.00	26.34 1.09 0.00	23.74 0.96 0.00
FORT_DRUM_COGEN 23780	20.42 0.00 0.00	18.99 0.13 0.00	18.93 0.02 0.00	17.75 0.05 0.39	18.75 0.10 0.87	23.48 0.22 -3.02	32.27 0.65 -2.18	40.93 0.86 -6.84	32.18 0.59 -2.22	33.17 0.61 -5.89	32.85 0.53 -5.86	32.73 0.48 -5.85	33.78 0.41 -6.02	36.21 0.27 -6.39	37.75 0.28 -6.62	40.07 0.34 -5.82	39.30 0.57 -0.41	54.79 1.23 -2.36	53.29 1.30 -8.69	40.86 0.77 -3.30	40.79 0.83 -5.50	28.26 0.55 1.22	30.03 0.40 -4.37	26.94 0.23 -3.93
FOX_HILLS___ESR 323835	22.17 1.74 -0.01	20.41 1.55 -0.01	20.43 1.51 -0.01	19.46 1.37 -0.01	20.99 1.46 -0.01	21.75 1.52 0.00	31.53 2.09 0.00	35.56 2.33 0.00	31.46 2.09 0.00	28.51 1.84 0.00	28.31 1.85 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.82 2.92 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.22 2.76 0.00	31.13 2.20 0.00	27.35 2.10 0.00	24.61 1.82 -0.01
FPL FAR_ROCK_GT1 24212	22.28 1.86 0.00	20.44 1.58 0.00	20.40 1.49 0.00	19.44 1.36 0.00	20.97 1.44 0.00	21.82 1.58 0.00	31.33 1.89 0.00	35.02 1.79 0.00	31.73 2.35 0.00	28.99 2.32 0.00	28.79 2.33 0.00	28.78 2.38 0.00	29.98 2.63 0.00	32.10 2.54 0.00	33.30 2.44 0.00	36.82 2.92 0.00	42.29 3.98 0.00	61.88 5.22 -5.45	47.66 4.37 0.00	40.42 3.64 0.00	37.67 3.21 0.00	32.51 2.84 -0.74	27.66 2.40 0.00	24.76 1.98 0.00

FPL FAR_ROCK_GT2 23815	22.28 1.86 0.00	20.44 1.58 0.00	20.40 1.49 0.00	19.44 1.36 0.00	20.97 1.44 0.00	21.82 1.58 0.00	31.33 1.89 0.00	35.02 1.79 0.00	31.73 2.35 0.00	28.99 2.32 0.00	28.79 2.33 0.00	28.78 2.38 0.00	29.98 2.63 0.00	32.10 2.54 0.00	33.30 2.44 0.00	36.82 2.92 0.00	42.29 3.98 0.00	61.88 5.22 -5.45	47.66 4.37 0.00	40.42 3.64 0.00	37.67 3.21 0.00	32.51 2.84 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
FRANKLIN_FALL_HYD 24054	20.28 -0.14 0.00	18.71 -0.15 0.00	18.53 -0.38 0.01	14.45 -0.42 3.21	11.78 -0.47 7.28	39.00 -0.40 -19.16	41.25 -0.32 -12.13	78.45 -0.30 -45.52	41.40 -0.35 -12.38	65.65 -0.35 -39.33	65.27 -0.32 -39.12	65.14 -0.32 -39.06	67.19 -0.33 -40.16	71.79 -0.41 -42.64	74.58 -0.43 -44.15	72.20 -0.58 -38.88	40.65 -0.42 -2.76	66.53 -0.26 -15.59	101.31 0.00 -58.02	55.95 -0.33 -19.50	69.92 -0.24 -35.70	18.41 -0.32 10.20	54.10 -0.30 -29.14	48.69 -0.32 -26.23
FREEPORT_EQUS_GT1 23764	22.16 1.74 0.00	20.33 1.47 0.00	20.29 1.38 0.00	19.33 1.25 0.00	20.85 1.33 0.00	21.69 1.46 0.00	31.12 1.68 0.00	34.76 1.53 0.00	31.52 2.14 0.00	28.83 2.16 0.00	28.60 2.14 0.00	28.57 2.17 0.00	29.79 2.43 0.00	31.83 2.28 0.00	33.02 2.16 0.00	36.55 2.65 0.00	41.99 3.68 0.00	60.55 4.81 -4.54	47.27 3.98 0.00	40.13 3.35 0.00	37.39 2.93 0.00	32.28 2.60 -0.74	27.50 2.25 0.00	24.62 1.84 0.00
FREEPORT___CT2 23818	22.16 1.74 0.00	20.33 1.47 0.00	20.29 1.38 0.00	19.33 1.25 0.00	20.85 1.33 0.00	21.69 1.46 0.00	31.12 1.68 0.00	34.76 1.53 0.00	31.52 2.14 0.00	28.83 2.16 0.00	28.60 2.14 0.00	28.57 2.17 0.00	29.79 2.43 0.00	31.83 2.28 0.00	33.02 2.16 0.00	36.55 2.65 0.00	41.99 3.68 0.00	60.55 4.81 -4.54	47.27 3.98 0.00	40.13 3.35 0.00	37.39 2.93 0.00	32.28 2.60 -0.74	27.50 2.25 0.00	24.62 1.84 0.00
FRESHKLS_33_KV_LOAD 356253	22.25 1.82 -0.01	20.51 1.64 -0.01	20.53 1.61 -0.01	19.57 1.48 -0.01	21.11 1.58 -0.01	21.86 1.62 0.00	31.65 2.21 0.00	35.59 2.36 0.00	31.43 2.06 0.00	28.48 1.81 0.00	28.29 1.83 0.00	28.22 1.82 0.00	29.38 2.02 0.00	31.71 2.16 0.00	33.11 2.25 0.00	36.82 2.92 0.00	41.49 3.18 0.00	55.48 4.30 0.02	46.76 3.46 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.19 2.26 0.00	27.46 2.20 0.00	24.70 1.91 -0.01
FULTON COGEN____ 23766	19.97 -0.45 0.00	18.43 -0.43 0.00	18.47 -0.43 0.00	17.66 -0.42 0.00	19.11 -0.41 0.00	19.83 -0.40 0.00	28.91 -0.53 0.00	32.63 -0.60 0.00	28.79 -0.59 0.00	26.13 -0.53 0.00	25.93 -0.53 0.00	25.90 -0.50 0.00	26.78 -0.57 0.00	28.94 -0.62 0.00	30.21 -0.65 0.00	33.09 -0.81 0.00	37.39 -0.92 0.00	49.97 -1.23 0.00	42.25 -1.04 0.00	35.90 -0.88 0.00	33.67 -0.79 0.00	28.32 -0.61 0.00	24.73 -0.53 0.00	22.30 -0.48 0.00
FULTON___LFGE 323630	21.55 1.12 0.00	19.93 1.07 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.57 1.05 0.00	21.49 1.26 0.00	31.38 1.94 0.00	35.33 2.09 0.00	31.05 1.67 0.00	28.03 1.36 0.00	27.65 1.19 0.00	27.49 1.08 0.00	28.50 1.15 0.00	30.89 1.33 0.00	32.37 1.51 0.00	35.97 2.07 0.00	40.68 2.38 0.00	54.66 3.48 0.02	46.15 2.86 0.00	39.17 2.39 0.00	36.56 2.10 0.00	30.75 1.82 0.00	26.65 1.39 0.00	23.99 1.21 0.00
G.F.CEMENT___DRP 24184	21.36 0.94 0.00	19.76 0.91 0.00	19.78 0.87 0.00	18.88 0.80 0.00	20.40 0.88 0.00	21.27 1.03 0.00	30.97 1.53 0.00	34.86 1.63 0.00	30.84 1.47 0.00	27.92 1.25 0.00	27.68 1.22 0.00	27.54 1.14 0.00	28.53 1.18 0.00	30.83 1.27 0.00	32.28 1.42 0.00	35.67 1.76 0.00	40.30 1.99 0.00	54.12 2.92 0.00	45.63 2.34 0.00	38.77 1.99 0.00	36.19 1.72 0.00	30.32 1.39 0.00	26.42 1.16 0.00	24.24 1.46 0.00
GARDENVILLE___LBMP 24039	19.28 -1.14 0.00	17.69 -1.17 0.00	17.60 -1.30 0.00	16.90 -1.18 0.00	18.39 -1.13 0.00	19.33 -0.91 0.00	27.85 -1.59 0.00	30.94 -2.29 0.00	26.97 -2.41 0.00	24.51 -2.16 0.00	24.53 -1.93 0.00	24.55 -1.85 0.00	25.06 -2.30 0.00	27.31 -2.25 0.00	28.14 -2.72 0.00	30.24 -3.66 0.01	34.09 -4.21 0.01	43.35 -5.84 2.02	38.65 -4.63 0.01	32.95 -3.83 0.01	31.15 -3.31 0.00	26.70 -2.23 0.00	23.51 -1.74 0.00	21.87 -0.91 0.00
GARDNVLA_35_KV_LD 355827	19.38 -1.04 0.00	17.78 -1.07 0.00	17.70 -1.21 0.00	17.00 -1.08 0.00	18.49 -1.03 0.00	19.45 -0.79 0.00	28.00 -1.44 0.00	31.10 -2.13 0.00	27.14 -2.23 0.00	24.64 -2.03 0.00	24.69 -1.77 0.00	24.71 -1.69 0.00	25.19 -2.16 0.00	27.49 -2.07 0.00	28.33 -2.53 0.00	30.44 -3.46 0.01	34.36 -3.95 0.01	43.66 -5.53 2.01	38.91 -4.37 0.01	33.13 -3.64 0.01	31.36 -3.10 0.00	26.85 -2.08 0.00	23.67 -1.59 0.00	22.01 -0.77 0.00
GELCKHM___115KV_LOAD 80723	20.08 -0.35 0.00	18.52 -0.34 0.00	18.57 -0.34 0.00	17.75 -0.33 0.00	19.21 -0.31 0.00	19.95 -0.28 0.00	29.06 -0.38 0.00	32.80 -0.43 0.00	28.93 -0.44 0.00	26.27 -0.40 0.00	26.06 -0.40 0.00	26.03 -0.37 0.00	26.92 -0.44 0.00	29.11 -0.44 0.00	30.40 -0.46 0.00	33.23 -0.68 0.00	37.54 -0.77 0.00	50.67 -1.02 -0.49	42.43 -0.87 0.00	36.04 -0.74 0.00	33.84 -0.62 0.00	28.44 -0.49 0.00	24.85 -0.40 0.00	22.42 -0.36 0.00
GENERAL___MILLS 23808	19.36 -1.06 0.00	17.77 -1.09 0.00	17.68 -1.23 0.00	16.98 -1.10 0.00	18.47 -1.05 0.00	19.41 -0.83 0.00	27.97 -1.47 0.00	31.07 -2.16 0.00	27.08 -2.29 0.00	24.59 -2.08 0.00	24.63 -1.83 0.00	24.66 -1.74 0.00	25.14 -2.22 0.00	27.43 -2.13 0.00	28.27 -2.59 0.00	30.37 -3.53 0.01	34.28 -4.02 0.01	43.61 -5.58 2.01	38.83 -4.46 0.01	33.10 -3.68 0.01	31.29 -3.17 0.00	26.82 -2.11 0.00	23.62 -1.64 0.00	21.96 -0.82 0.00
GE_PLASTICS___DRP 24183	21.14 0.71 0.00	19.52 0.66 0.00	19.61 0.70 0.00	18.75 0.67 0.00	20.22 0.70 0.00	20.94 0.71 0.00	30.44 1.00 0.00	34.36 1.13 0.00	30.43 1.06 0.00	27.57 0.91 0.00	27.33 0.87 0.00	27.25 0.84 0.00	28.26 0.90 0.00	30.53 0.98 0.00	31.94 1.08 0.00	35.23 1.32 0.00	39.80 1.49 0.00	53.20 2.00 0.00	44.94 1.65 0.00	38.21 1.43 0.00	35.74 1.28 0.00	29.97 1.04 0.00	26.14 0.88 0.00	23.53 0.75 0.00
GILBOA___1 23756	20.98 0.55 0.00	19.37 0.51 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.19 0.66 0.00	20.78 0.55 0.00	30.21 0.76 0.00	34.13 0.90 0.00	30.20 0.82 0.00	27.39 0.72 0.00	27.17 0.71 0.00	27.12 0.71 0.00	28.12 0.76 0.00	30.36 0.80 0.00	31.69 0.83 0.00	34.96 1.05 0.00	39.46 1.15 0.00	52.60 1.43 0.03	44.46 1.17 0.00	37.85 1.07 0.00	35.49 1.03 0.00	29.74 0.81 0.00	25.96 0.71 0.00	23.37 0.59 0.00
GILBOA___2 23757	20.98 0.55 0.00	19.37 0.51 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.19 0.66 0.00	20.78 0.55 0.00	30.21 0.76 0.00	34.13 0.90 0.00	30.20 0.82 0.00	27.39 0.72 0.00	27.17 0.71 0.00	27.12 0.71 0.00	28.12 0.76 0.00	30.36 0.80 0.00	31.69 0.83 0.00	34.96 1.05 0.00	39.46 1.15 0.00	52.60 1.43 0.03	44.46 1.17 0.00	37.85 1.07 0.00	35.49 1.03 0.00	29.74 0.81 0.00	25.96 0.71 0.00	23.37 0.59 0.00

GILBOA___3 23758	20.98 0.55 0.00	19.37 0.51 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.19 0.66 0.00	20.78 0.55 0.00	30.21 0.76 0.00	34.13 0.90 0.00	30.20 0.82 0.00	27.39 0.72 0.00	27.17 0.71 0.00	27.12 0.71 0.00	28.12 0.76 0.00	30.36 0.80 0.00	31.69 0.83 0.00	34.96 1.05 0.00	39.46 1.15 0.00	52.60 1.43 0.03	44.46 1.17 0.00	37.85 1.07 0.00	35.49 1.03 0.00	29.74 0.81 0.00	25.96 0.71 0.00	23.37 0.59 0.00
GILBOA___4 23759	20.98 0.55 0.00	19.37 0.51 0.00	19.57 0.66 0.00	18.70 0.62 0.00	20.19 0.66 0.00	20.78 0.55 0.00	30.21 0.76 0.00	34.13 0.90 0.00	30.20 0.82 0.00	27.39 0.72 0.00	27.17 0.71 0.00	27.12 0.71 0.00	28.12 0.76 0.00	30.36 0.80 0.00	31.69 0.83 0.00	34.96 1.05 0.00	39.46 1.15 0.00	52.60 1.43 0.03	44.46 1.17 0.00	37.85 1.07 0.00	35.49 1.03 0.00	29.74 0.81 0.00	25.96 0.71 0.00	23.37 0.59 0.00
GILBOA___ 23599	20.97 0.55 0.00	19.37 0.51 0.00	19.57 0.66 0.00	18.71 0.63 0.00	20.18 0.66 0.00	20.78 0.55 0.00	30.21 0.77 0.00	34.13 0.90 0.00	30.20 0.82 0.00	27.41 0.75 0.00	27.17 0.71 0.00	27.12 0.71 0.00	28.12 0.77 0.00	30.35 0.80 0.00	31.69 0.83 0.00	34.96 1.05 0.00	39.46 1.15 0.00	52.61 1.43 0.03	44.46 1.17 0.00	37.85 1.07 0.00	35.50 1.03 0.00	29.74 0.81 0.00	25.96 0.71 0.00	23.37 0.59 0.00
GINNA___ 23603	18.67 -1.76 0.00	17.18 -1.68 0.00	17.19 -1.72 0.00	16.45 -1.63 0.00	17.86 -1.66 0.00	18.66 -1.58 0.00	27.18 -2.27 0.00	30.64 -2.59 0.00	26.85 -2.53 0.00	24.37 -2.29 0.00	24.26 -2.20 0.00	24.24 -2.16 0.00	24.98 -2.38 0.00	27.07 -2.48 0.00	28.21 -2.65 0.00	30.35 -3.56 0.00	34.32 -3.98 0.00	42.04 -5.38 3.78	38.88 -4.42 0.00	33.14 -3.64 0.00	31.22 -3.24 0.00	26.47 -2.46 0.00	23.09 -2.17 0.00	21.03 -1.75 0.00
GLEN PARK___ 23778	20.51 0.08 0.00	19.10 0.24 0.00	19.02 0.11 0.00	17.86 0.14 0.36	18.89 0.20 0.82	23.45 0.34 -2.87	32.37 0.85 -2.08	40.78 1.06 -6.49	32.22 0.73 -2.11	33.00 0.75 -5.59	32.68 0.66 -5.56	32.53 0.58 -5.55	33.58 0.52 -5.71	36.03 0.41 -6.06	37.53 0.40 -6.27	39.94 0.51 -5.52	39.51 0.81 -0.39	55.03 1.59 -2.24	53.14 1.60 -8.25	40.95 1.03 -3.14	40.75 1.07 -5.22	28.53 0.75 1.16	29.95 0.55 -4.14	26.87 0.36 -3.73
GLENDALE_27_KV_LOAD 356172	22.00 1.57 0.00	20.26 1.40 0.00	20.29 1.38 0.00	19.31 1.23 0.00	20.85 1.33 0.00	21.61 1.38 0.00	31.44 2.00 0.00	35.59 2.36 0.00	31.64 2.26 0.00	28.69 2.03 0.00	28.47 2.01 0.00	28.41 2.01 0.00	29.57 2.22 0.00	31.89 2.33 0.00	33.24 2.38 0.00	36.92 3.02 0.00	41.68 3.37 0.00	55.68 4.51 0.02	46.93 3.64 0.00	39.87 3.09 0.00	37.29 2.83 0.00	31.10 2.17 0.00	27.23 1.97 0.00	24.44 1.66 0.00
GLENWOOD_IC_1_G5 23712	22.00 1.57 0.00	20.24 1.38 0.00	20.23 1.32 0.00	19.29 1.21 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.24 1.80 0.00	35.09 1.86 0.00	31.55 2.17 0.00	28.75 2.08 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.63 2.27 0.00	31.80 2.25 0.00	33.08 2.22 0.00	36.62 2.71 0.00	41.76 3.45 0.00	61.60 4.56 -5.84	47.06 3.77 0.00	39.94 3.16 0.00	37.25 2.79 0.00	32.04 2.37 -0.74	27.28 2.02 0.00	24.44 1.66 0.00
GLENWOOD_IC_2_G1 23688	21.85 1.43 0.00	20.10 1.24 0.00	20.10 1.19 0.00	19.16 1.08 0.00	20.69 1.17 0.00	21.49 1.26 0.00	31.12 1.68 0.00	35.06 1.83 0.00	31.40 2.03 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.66 2.10 0.00	32.93 2.07 0.00	36.48 2.58 0.00	41.49 3.18 0.00	55.63 4.20 -0.23	46.76 3.46 0.00	39.72 2.94 0.00	37.08 2.62 0.00	31.84 2.17 -0.74	27.13 1.87 0.00	24.31 1.53 0.00
GLENWOOD_IC_3_G1 23689	21.85 1.43 0.00	20.10 1.24 0.00	20.10 1.19 0.00	19.16 1.08 0.00	20.69 1.17 0.00	21.49 1.26 0.00	31.12 1.68 0.00	35.06 1.83 0.00	31.40 2.03 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.66 2.10 0.00	32.93 2.07 0.00	36.48 2.58 0.00	41.49 3.18 0.00	55.63 4.20 -0.23	46.76 3.46 0.00	39.72 2.94 0.00	37.08 2.62 0.00	31.84 2.17 -0.74	27.13 1.87 0.00	24.31 1.53 0.00
GLENWOOD___4 23550	22.00 1.57 0.00	20.24 1.38 0.00	20.23 1.32 0.00	19.29 1.21 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.24 1.80 0.00	35.09 1.86 0.00	31.55 2.17 0.00	28.75 2.08 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.63 2.27 0.00	31.80 2.25 0.00	33.08 2.22 0.00	36.62 2.71 0.00	41.76 3.45 0.00	61.60 4.56 -5.84	47.06 3.77 0.00	39.94 3.16 0.00	37.25 2.79 0.00	32.04 2.37 -0.74	27.28 2.02 0.00	24.44 1.66 0.00
GLENWOOD___5 23614	22.00 1.57 0.00	20.24 1.38 0.00	20.23 1.32 0.00	19.29 1.21 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.24 1.80 0.00	35.09 1.86 0.00	31.55 2.17 0.00	28.75 2.08 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.63 2.27 0.00	31.80 2.25 0.00	33.08 2.22 0.00	36.62 2.71 0.00	41.76 3.45 0.00	61.60 4.56 -5.84	47.06 3.77 0.00	39.94 3.16 0.00	37.25 2.79 0.00	32.04 2.37 -0.74	27.28 2.02 0.00	24.44 1.66 0.00
GLOBAL GREEN_PORT_GT1 23814	22.24 1.82 0.00	20.42 1.56 0.00	20.27 1.36 0.00	19.35 1.27 0.00	20.79 1.27 0.00	21.65 1.42 0.00	30.68 1.24 0.00	34.13 0.90 0.00	31.31 1.94 0.00	28.69 2.03 0.00	28.07 1.61 0.00	28.07 1.66 0.00	29.49 2.14 0.00	31.59 2.04 0.00	32.71 1.85 0.00	36.28 2.37 0.00	42.18 3.87 0.00	59.62 5.02 -3.41	47.36 4.07 0.00	40.20 3.42 0.00	37.39 2.93 0.00	32.42 2.75 -0.74	27.56 2.30 0.00	24.83 2.05 0.00
GLOBE___DSASP 323697	18.75 -1.67 0.00	17.22 -1.64 0.00	17.13 -1.78 0.00	16.45 -1.63 0.00	17.90 -1.62 0.00	18.76 -1.48 0.00	26.91 -2.53 0.00	29.77 -3.46 0.00	26.03 -3.35 0.00	23.63 -3.04 0.00	23.68 -2.78 0.00	23.68 -2.72 0.00	24.13 -3.23 0.00	26.31 -3.25 0.00	27.13 -3.73 0.00	28.92 -4.98 0.01	32.44 -5.86 0.01	40.62 -8.14 2.44	36.79 -6.49 0.01	31.37 -5.41 0.01	29.95 -4.51 0.00	25.78 -3.15 0.00	22.71 -2.55 0.00	21.16 -1.62 0.00
GOETHSLN___LBMP 323567	21.75 1.33 0.00	20.03 1.17 0.00	20.06 1.15 0.00	19.11 1.03 0.00	20.61 1.09 0.00	21.39 1.15 0.00	31.18 1.74 0.00	35.36 2.13 0.00	31.46 2.09 0.00	28.53 1.87 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.41 2.05 0.00	31.68 2.13 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.45 3.14 0.00	55.33 4.15 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.08 2.62 0.00	30.93 2.00 0.00	26.98 1.72 0.00	24.19 1.41 0.00
GOLAH___69_KV_TB 1_2 80279	19.46 -0.96 0.00	17.90 -0.96 0.00	17.87 -1.04 0.00	17.12 -0.96 0.00	18.60 -0.92 0.00	19.49 -0.75 0.00	28.23 -1.21 0.00	31.70 -1.53 0.00	27.73 -1.64 0.00	25.15 -1.52 0.00	25.11 -1.35 0.00	25.06 -1.35 0.00	25.71 -1.64 0.00	27.93 -1.63 0.00	29.01 -1.85 0.00	31.13 -2.78 0.00	35.09 -3.22 0.00	44.26 -4.35 2.59	39.83 -3.46 0.00	34.06 -2.72 0.00	32.19 -2.27 0.00	27.40 -1.53 0.00	23.94 -1.31 0.00	21.94 -0.84 0.00

GOODYEAR_LAKE_HYD 323669	21.08 0.65 0.00	19.52 0.66 0.00	19.59 0.68 0.00	18.75 0.67 0.00	20.26 0.74 0.00	21.03 0.79 0.00	30.68 1.24 0.00	34.63 1.40 0.00	30.55 1.17 0.00	27.79 1.12 0.00	27.52 1.06 0.00	27.46 1.06 0.00	28.45 1.09 0.00	30.71 1.15 0.00	32.06 1.20 0.00	35.33 1.42 0.00	39.96 1.65 0.00	53.39 2.25 0.06	45.15 1.86 0.00	38.25 1.47 0.00	35.87 1.41 0.00	30.09 1.16 0.00	26.19 0.93 0.00	23.58 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.44 0.02 0.00	18.86 0.00 0.00	18.87 -0.04 0.00	18.08 0.00 0.00	19.56 0.04 0.00	20.36 0.12 0.00	29.65 0.21 0.00	33.36 0.13 0.00	29.32 -0.06 0.00	26.59 -0.08 0.00	26.41 -0.05 0.00	26.35 -0.05 0.00	27.22 -0.14 0.00	29.44 -0.12 0.00	30.67 -0.19 0.00	33.60 -0.31 0.00	38.04 -0.27 0.00	51.04 -0.41 -0.25	42.94 -0.35 0.00	36.52 -0.26 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.85 0.07 0.00
GOUDEY___7 23579	20.44 0.02 0.00	18.86 0.00 0.00	18.87 -0.04 0.00	18.08 0.00 0.00	19.56 0.04 0.00	20.36 0.12 0.00	29.65 0.21 0.00	33.36 0.13 0.00	29.32 -0.06 0.00	26.59 -0.08 0.00	26.41 -0.05 0.00	26.35 -0.05 0.00	27.22 -0.14 0.00	29.44 -0.12 0.00	30.67 -0.19 0.00	33.60 -0.31 0.00	38.04 -0.27 0.00	51.04 -0.41 -0.25	42.94 -0.35 0.00	36.52 -0.26 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.85 0.07 0.00
GOUDEY___8 23580	20.44 0.02 0.00	18.86 0.00 0.00	18.87 -0.04 0.00	18.08 0.00 0.00	19.56 0.04 0.00	20.36 0.12 0.00	29.65 0.21 0.00	33.36 0.13 0.00	29.32 -0.06 0.00	26.59 -0.08 0.00	26.41 -0.05 0.00	26.35 -0.05 0.00	27.22 -0.14 0.00	29.44 -0.12 0.00	30.67 -0.19 0.00	33.60 -0.31 0.00	38.04 -0.27 0.00	51.04 -0.41 -0.25	42.94 -0.35 0.00	36.52 -0.26 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.85 0.07 0.00
GOWANUS_GT1_1 24077	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_2 24078	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_3 24079	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_4 24080	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_5 24084	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_6 24111	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_7 24112	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT1_8 24113	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT2_1 24114	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT2_2 24115	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT2_3 24116	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01

GOWANUS_GT2_4 24117	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT2_5 24118	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT2_6 24119	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT2_7 24120	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT2_8 24121	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_1 24122	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_2 24123	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_3 24124	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_4 24125	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_5 24126	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_6 24127	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_7 24128	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT3_8 24129	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
GOWANUS_GT4_1 24130	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT4_2 24131	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01

GOWANUS_GT4_3 24132	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT4_4 24133	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT4_5 24134	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT4_6 24135	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT4_7 24136	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GOWANUS_GT4_8 24137	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GREENBSH_115KV_TB3 55895	21.24 0.82 0.00	19.63 0.77 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.32 0.80 0.00	21.07 0.83 0.00	30.62 1.18 0.00	34.56 1.33 0.00	30.58 1.20 0.00	27.73 1.07 0.00	27.49 1.03 0.00	27.41 1.00 0.00	28.40 1.04 0.00	30.71 1.15 0.00	32.12 1.27 0.00	35.43 1.53 0.00	40.03 1.72 0.00	53.55 2.36 0.00	45.20 1.90 0.00	38.44 1.66 0.00	35.94 1.48 0.00	30.15 1.22 0.00	26.27 1.01 0.00	23.67 0.89 0.00
GREENIDGE_115KV_TB5 80291	20.08 -0.35 0.00	18.46 -0.40 0.00	18.46 -0.45 0.00	17.68 -0.40 0.00	19.17 -0.35 0.00	20.05 -0.18 0.00	29.35 -0.09 0.00	32.77 -0.47 0.00	28.90 -0.47 0.00	26.24 -0.43 0.00	26.04 -0.42 0.00	26.01 -0.40 0.00	26.78 -0.57 0.00	28.97 -0.59 0.00	30.21 -0.65 0.00	32.58 -1.32 0.00	36.93 -1.38 0.00	55.74 -1.79 -6.33	41.86 -1.43 0.00	35.57 -1.21 0.00	33.29 -1.17 0.00	28.35 -0.58 0.00	24.80 -0.45 0.00	22.51 -0.27 0.00
GREENIDGE___3 23582	20.08 -0.35 0.00	18.46 -0.40 0.00	18.46 -0.45 0.00	17.68 -0.40 0.00	19.17 -0.35 0.00	20.05 -0.18 0.00	29.35 -0.09 0.00	32.77 -0.47 0.00	28.90 -0.47 0.00	26.24 -0.43 0.00	26.04 -0.42 0.00	26.01 -0.40 0.00	26.78 -0.57 0.00	28.97 -0.59 0.00	30.21 -0.65 0.00	32.58 -1.32 0.00	36.93 -1.38 0.00	55.74 -1.79 -6.33	41.86 -1.43 0.00	35.57 -1.21 0.00	33.29 -1.17 0.00	28.35 -0.58 0.00	24.80 -0.45 0.00	22.51 -0.27 0.00
GREENIDGE___4 23583	20.06 -0.37 0.00	18.46 -0.40 0.00	18.46 -0.45 0.00	17.66 -0.42 0.00	19.17 -0.35 0.00	20.05 -0.18 0.00	29.35 -0.09 0.00	32.77 -0.47 0.00	28.93 -0.44 0.00	26.27 -0.40 0.00	26.04 -0.42 0.00	26.01 -0.40 0.00	26.78 -0.58 0.00	28.97 -0.59 0.00	30.21 -0.65 0.00	32.55 -1.36 0.00	36.93 -1.38 0.00	55.74 -1.79 -6.33	41.86 -1.43 0.00	35.57 -1.21 0.00	33.29 -1.17 0.00	28.35 -0.58 0.00	24.80 -0.45 0.00	22.51 -0.27 0.00
GREENLWN_69_KV_BK 3 55738	22.26 1.84 0.00	20.44 1.58 0.00	20.38 1.47 0.00	19.45 1.37 0.00	20.93 1.41 0.00	21.77 1.54 0.00	31.27 1.83 0.00	34.76 1.53 0.00	31.64 2.26 0.00	29.01 2.35 0.00	28.68 2.22 0.00	28.65 2.24 0.00	29.90 2.54 0.00	31.98 2.42 0.00	33.11 2.25 0.00	36.62 2.71 0.00	42.10 3.79 0.00	59.53 4.86 -3.46	47.40 4.11 0.00	40.27 3.49 0.00	37.49 3.03 0.00	32.39 2.72 -0.74	27.63 2.37 0.00	24.72 1.94 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01
GRISSOM___SOLAR 323813	21.53 1.10 0.00	19.92 1.06 0.00	19.93 1.02 0.00	19.06 0.98 0.00	20.56 1.03 0.00	21.45 1.21 0.00	31.30 1.86 0.00	35.22 1.99 0.00	31.02 1.64 0.00	28.03 1.36 0.00	27.65 1.19 0.00	27.51 1.11 0.00	28.53 1.18 0.00	30.92 1.36 0.00	32.37 1.51 0.00	35.94 2.03 0.00	40.61 2.30 0.00	54.56 3.38 0.02	46.06 2.77 0.00	39.14 2.36 0.00	36.53 2.07 0.00	30.70 1.77 0.00	26.62 1.36 0.00	23.96 1.18 0.00
GROVEVILLE___HYD 323602	21.65 1.23 0.00	19.95 1.09 0.00	20.01 1.10 0.00	19.09 1.01 0.00	20.59 1.07 0.00	21.37 1.13 0.00	31.12 1.68 0.00	35.16 1.93 0.00	31.28 1.91 0.00	28.35 1.68 0.00	28.07 1.61 0.00	27.96 1.56 0.00	29.11 1.75 0.00	31.39 1.83 0.00	32.80 1.94 0.00	36.35 2.44 0.00	41.18 2.87 0.00	54.97 3.79 0.02	46.41 3.12 0.00	39.39 2.61 0.00	36.84 2.38 0.00	30.78 1.85 0.00	26.82 1.57 0.00	24.06 1.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.22 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.45 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.58 -0.21 0.00

HAMLTNNY_34_KV_TB 80303	20.18 -0.25 0.00	18.61 -0.25 0.00	18.64 -0.26 0.00	17.84 -0.24 0.00	19.31 -0.21 0.00	20.05 -0.18 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.11 -0.25 0.00	29.32 -0.24 0.00	30.61 -0.25 0.00	33.47 -0.44 0.00	37.81 -0.50 0.00	51.59 -0.61 -1.00	42.77 -0.52 0.00	36.34 -0.44 0.00	34.05 -0.41 0.00	28.67 -0.26 0.00	25.03 -0.23 0.00	22.60 -0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	20.55 0.12 0.00	19.12 0.26 0.00	19.00 0.10 0.00	17.06 0.09 1.11	17.15 0.14 2.50	27.82 0.26 -7.32	35.14 0.80 -4.90	51.27 1.00 -17.04	35.01 0.65 -4.99	42.01 0.64 -14.71	41.67 0.58 -14.63	41.54 0.53 -14.61	42.89 0.52 -15.02	45.89 0.38 -15.95	47.77 0.40 -16.51	48.85 0.41 -14.54	40.11 0.77 -1.03	58.65 1.59 -5.86	66.64 1.64 -21.70	45.41 0.95 -7.67	49.00 1.03 -13.50	26.09 0.67 3.51	36.63 0.48 -10.90	32.91 0.32 -9.81
HARDSCRABBLE_WT_PWR 323673	20.71 0.29 0.00	19.14 0.28 0.00	19.14 0.23 0.00	18.46 0.14 -0.23	20.14 0.10 -0.52	20.60 0.00 -0.37	30.30 -0.03 -0.88	33.24 -0.03 -0.04	30.19 -0.06 -0.88	26.64 -0.03 0.00	26.43 -0.03 0.00	26.38 -0.03 0.00	27.36 0.00 0.00	29.56 0.00 0.00	30.92 0.06 0.00	34.15 0.24 0.00	38.58 0.27 0.00	51.62 0.36 -0.06	43.51 0.22 0.00	37.74 0.04 -0.92	34.80 -0.03 -0.37	29.58 -0.09 -0.73	25.16 -0.10 0.00	22.64 -0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.04 0.96 0.00	20.52 1.00 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.24 1.57 0.00	27.97 1.51 0.00	27.85 1.45 0.00	29.02 1.67 0.00	31.24 1.68 0.00	32.65 1.79 0.00	36.18 2.27 0.00	40.95 2.64 0.00	54.71 3.53 0.02	46.19 2.90 0.00	39.24 2.46 0.00	36.70 2.24 0.00	30.67 1.74 0.00	26.75 1.49 0.00	24.01 1.23 0.00
HARSNRAD_115KV_TB1 81005	18.99 -1.43 0.00	17.43 -1.43 0.00	17.34 -1.57 0.00	16.65 -1.43 0.00	18.12 -1.41 0.00	19.04 -1.19 0.00	27.38 -2.06 0.00	30.41 -2.82 0.00	26.52 -2.85 0.00	24.08 -2.59 0.00	24.13 -2.33 0.00	24.13 -2.27 0.00	24.62 -2.74 0.00	26.84 -2.72 0.00	27.68 -3.18 0.00	29.56 -4.34 0.00	33.25 -5.06 0.00	41.83 -7.01 2.35	37.66 -5.63 0.00	32.10 -4.67 0.00	30.57 -3.89 0.00	26.27 -2.66 0.00	23.11 -2.15 0.00	21.50 -1.28 0.00
HARZA MOOSE___RIVER 24016	20.63 0.20 0.00	19.16 0.30 0.00	19.14 0.23 0.00	18.16 0.24 0.16	19.46 0.29 0.36	22.87 0.36 -2.27	32.14 0.77 -1.94	38.93 0.93 -4.77	32.03 0.70 -1.95	31.48 0.72 -4.09	31.19 0.66 -4.07	31.10 0.63 -4.07	32.17 0.63 -4.18	34.59 0.59 -4.44	36.07 0.62 -4.60	38.63 0.68 -4.05	39.52 0.92 -0.29	54.41 1.54 -1.67	50.72 1.39 -6.04	40.43 0.92 -2.73	39.39 0.93 -4.00	29.09 0.67 0.50	28.82 0.53 -3.03	25.90 0.39 -2.73
HDSNBRDG_115KV_BRDG_TB1 355580	20.08 -0.35 0.00	18.52 -0.34 0.00	18.57 -0.34 0.00	17.75 -0.33 0.00	19.21 -0.31 0.00	19.95 -0.28 0.00	29.09 -0.35 0.00	32.80 -0.43 0.00	28.93 -0.44 0.00	26.29 -0.37 0.00	26.09 -0.37 0.00	26.03 -0.37 0.00	26.92 -0.44 0.00	29.11 -0.44 0.00	30.40 -0.46 0.00	33.23 -0.68 0.00	37.50 -0.80 0.00	50.12 -1.08 0.00	42.38 -0.91 0.00	36.01 -0.77 0.00	33.81 -0.65 0.00	28.44 -0.49 0.00	24.85 -0.40 0.00	22.44 -0.34 0.00
HELLGATE_13_KV_LD 55870	21.93 1.51 0.00	20.20 1.34 0.00	20.23 1.32 0.00	19.26 1.18 0.00	20.79 1.27 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.37 1.59 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.93 1.51 0.00	20.20 1.34 0.00	20.23 1.32 0.00	19.26 1.18 0.00	20.79 1.27 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.13 1.87 0.00	24.37 1.59 0.00
HEMPSTEAD____ 23647	22.00 1.57 0.00	20.20 1.34 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.73 1.21 0.00	21.55 1.31 0.00	31.00 1.56 0.00	34.73 1.50 0.00	31.40 2.03 0.00	28.67 2.00 0.00	28.45 1.99 0.00	28.41 2.01 0.00	29.60 2.24 0.00	31.69 2.13 0.00	32.90 2.04 0.00	36.41 2.51 0.00	41.72 3.41 0.00	60.69 4.45 -5.04	46.97 3.68 0.00	39.87 3.09 0.00	37.15 2.69 0.00	32.05 2.37 -0.74	27.30 2.04 0.00	24.44 1.66 0.00
HEWLETT_69_KV_BK3 55828	22.22 1.80 0.00	20.41 1.55 0.00	20.38 1.47 0.00	19.44 1.36 0.00	20.91 1.39 0.00	21.73 1.50 0.00	31.30 1.85 0.00	34.93 1.69 0.00	31.67 2.29 0.00	28.96 2.29 0.00	28.68 2.22 0.00	28.67 2.27 0.00	29.87 2.52 0.00	32.01 2.45 0.00	33.20 2.35 0.00	36.69 2.78 0.00	42.10 3.79 0.00	61.62 4.97 -5.45	47.40 4.11 0.00	40.24 3.46 0.00	37.49 3.03 0.00	32.36 2.69 -0.74	27.56 2.30 0.00	24.67 1.89 0.00
HICKLING___1 23621	20.16 -0.27 0.00	18.56 -0.30 0.00	18.51 -0.40 0.00	17.75 -0.33 0.00	19.27 -0.25 0.00	20.16 -0.08 0.00	29.35 -0.09 0.00	32.90 -0.33 0.00	28.76 -0.62 0.00	26.11 -0.56 0.00	25.93 -0.53 0.00	25.90 -0.50 0.00	26.64 -0.71 0.00	28.85 -0.71 0.00	30.03 -0.83 0.00	32.65 -1.25 0.00	37.00 -1.30 0.00	50.47 -1.74 -1.02	41.82 -1.47 0.00	35.60 -1.18 0.00	33.32 -1.14 0.00	28.21 -0.72 0.00	24.75 -0.51 0.00	22.55 -0.23 0.00
HICKLING___2 23622	20.16 -0.27 0.00	18.56 -0.30 0.00	18.51 -0.40 0.00	17.75 -0.33 0.00	19.27 -0.25 0.00	20.16 -0.08 0.00	29.35 -0.09 0.00	32.90 -0.33 0.00	28.76 -0.62 0.00	26.11 -0.56 0.00	25.93 -0.53 0.00	25.90 -0.50 0.00	26.64 -0.71 0.00	28.85 -0.71 0.00	30.03 -0.83 0.00	32.65 -1.25 0.00	37.00 -1.30 0.00	50.47 -1.74 -1.02	41.82 -1.47 0.00	35.60 -1.18 0.00	33.32 -1.14 0.00	28.21 -0.72 0.00	24.75 -0.51 0.00	22.55 -0.23 0.00
HIGH FALLS___HY 23754	21.51 1.08 0.00	19.80 0.94 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.46 0.94 0.00	21.21 0.97 0.00	30.91 1.47 0.00	34.96 1.73 0.00	31.11 1.73 0.00	28.16 1.49 0.00	27.84 1.38 0.00	27.72 1.32 0.00	28.89 1.53 0.00	31.12 1.57 0.00	32.53 1.67 0.00	36.08 2.17 0.00	40.88 2.57 0.00	54.56 3.38 0.02	46.11 2.81 0.00	39.13 2.35 0.00	36.60 2.14 0.00	30.58 1.65 0.00	26.65 1.39 0.00	23.90 1.12 0.00
HIGH_RIVER___SOLAR 323847	21.26 0.84 0.00	19.65 0.79 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.28 0.76 0.00	21.09 0.85 0.00	30.74 1.29 0.00	34.63 1.40 0.00	30.49 1.12 0.00	27.60 0.93 0.00	27.25 0.79 0.00	27.12 0.71 0.00	28.12 0.76 0.00	30.50 0.95 0.00	31.88 1.02 0.00	35.33 1.42 0.00	40.03 1.73 0.00	53.59 2.41 0.02	45.28 1.99 0.00	38.47 1.69 0.00	35.98 1.51 0.00	30.17 1.24 0.00	26.27 1.01 0.00	23.69 0.91 0.00

HILLBURN___GT 23639	21.59 1.16 0.00	19.90 1.04 0.00	19.91 1.00 0.00	19.02 0.94 0.00	20.54 1.01 0.00	21.33 1.09 0.00	31.00 1.56 0.00	35.09 1.86 0.00	31.17 1.79 0.00	28.24 1.57 0.00	28.02 1.56 0.00	27.93 1.53 0.00	29.05 1.70 0.00	31.30 1.74 0.00	32.65 1.79 0.00	36.18 2.27 0.00	40.95 2.64 0.00	54.66 3.48 0.02	46.19 2.90 0.00	39.28 2.50 0.00	36.70 2.24 0.00	30.73 1.79 0.00	26.80 1.54 0.00	24.03 1.25 0.00
HILLSIDE_115KV_TB1 80332	20.06 -0.37 0.00	18.46 -0.40 0.00	18.44 -0.47 0.00	17.70 -0.38 0.00	19.17 -0.35 0.00	20.05 -0.18 0.00	29.12 -0.32 0.00	32.67 -0.56 0.00	28.55 -0.82 0.00	25.87 -0.80 0.00	25.69 -0.77 0.00	25.66 -0.74 0.00	26.43 -0.93 0.00	28.61 -0.95 0.00	29.78 -1.08 0.00	32.48 -1.42 0.00	36.81 -1.49 0.00	50.07 -2.05 -0.92	41.60 -1.69 0.00	35.42 -1.36 0.00	33.12 -1.34 0.00	28.03 -0.90 0.00	24.60 -0.66 0.00	22.39 -0.39 0.00
HISHELDN_WT_PWR 323625	19.14 -1.29 0.00	17.58 -1.28 0.00	17.49 -1.42 0.00	16.80 -1.28 0.00	18.25 -1.27 0.00	19.16 -1.07 0.00	27.73 -1.71 0.00	30.81 -2.42 0.00	26.91 -2.47 0.00	24.53 -2.13 0.00	24.42 -2.04 0.00	24.42 -1.98 0.00	24.98 -2.38 0.00	27.13 -2.42 0.00	28.08 -2.78 0.00	30.17 -3.73 0.00	34.09 -4.21 0.00	44.00 -5.79 1.41	38.61 -4.68 0.00	32.88 -3.90 0.00	31.05 -3.41 0.00	26.53 -2.40 0.00	23.36 -1.89 0.00	21.62 -1.16 0.00
HOLTSVILLE_IC_1 23690	22.16 1.74 0.00	20.37 1.51 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.74 1.29 0.00	34.09 0.86 0.00	31.23 1.85 0.00	28.61 1.95 0.00	28.26 1.80 0.00	28.22 1.82 0.00	29.54 2.19 0.00	31.54 1.98 0.00	32.62 1.76 0.00	36.11 2.20 0.00	41.68 3.37 0.00	58.90 4.30 -3.40	46.88 3.59 0.00	39.83 3.05 0.00	37.12 2.65 0.00	32.19 2.52 -0.74	27.53 2.27 0.00	24.62 1.84 0.00
HOLTSVILLE_IC_10 23699	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.37 2.00 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.99 3.68 0.00	59.33 4.71 -3.42	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.36 2.69 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
HOLTSVILLE_IC_2 23691	22.16 1.74 0.00	20.37 1.51 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.74 1.29 0.00	34.09 0.86 0.00	31.23 1.85 0.00	28.61 1.95 0.00	28.26 1.80 0.00	28.22 1.82 0.00	29.54 2.19 0.00	31.54 1.98 0.00	32.62 1.76 0.00	36.11 2.20 0.00	41.68 3.37 0.00	58.90 4.30 -3.40	46.88 3.59 0.00	39.83 3.05 0.00	37.12 2.65 0.00	32.19 2.52 -0.74	27.53 2.27 0.00	24.62 1.84 0.00
HOLTSVILLE_IC_3 23692	22.16 1.74 0.00	20.37 1.51 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.74 1.29 0.00	34.09 0.86 0.00	31.23 1.85 0.00	28.61 1.95 0.00	28.26 1.80 0.00	28.22 1.82 0.00	29.54 2.19 0.00	31.54 1.98 0.00	32.62 1.76 0.00	36.11 2.20 0.00	41.68 3.37 0.00	58.90 4.30 -3.40	46.88 3.59 0.00	39.83 3.05 0.00	37.12 2.65 0.00	32.19 2.52 -0.74	27.53 2.27 0.00	24.62 1.84 0.00
HOLTSVILLE_IC_4 23693	22.16 1.74 0.00	20.37 1.51 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.74 1.29 0.00	34.09 0.86 0.00	31.23 1.85 0.00	28.61 1.95 0.00	28.26 1.80 0.00	28.22 1.82 0.00	29.54 2.19 0.00	31.54 1.98 0.00	32.62 1.76 0.00	36.11 2.20 0.00	41.68 3.37 0.00	58.90 4.30 -3.40	46.88 3.59 0.00	39.83 3.05 0.00	37.12 2.65 0.00	32.19 2.52 -0.74	27.53 2.27 0.00	24.62 1.84 0.00
HOLTSVILLE_IC_5 23694	22.16 1.74 0.00	20.37 1.51 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.74 1.29 0.00	34.09 0.86 0.00	31.23 1.85 0.00	28.61 1.95 0.00	28.26 1.80 0.00	28.22 1.82 0.00	29.54 2.19 0.00	31.54 1.98 0.00	32.62 1.76 0.00	36.11 2.20 0.00	41.68 3.37 0.00	58.90 4.30 -3.40	46.88 3.59 0.00	39.83 3.05 0.00	37.12 2.65 0.00	32.19 2.52 -0.74	27.53 2.27 0.00	24.62 1.84 0.00
HOLTSVILLE_IC_6 23695	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.37 2.00 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.99 3.68 0.00	59.33 4.71 -3.42	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.36 2.69 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
HOLTSVILLE_IC_7 23696	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.37 2.00 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.99 3.68 0.00	59.33 4.71 -3.42	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.36 2.69 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
HOLTSVILLE_IC_8 23697	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.37 2.00 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.99 3.68 0.00	59.33 4.71 -3.42	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.36 2.69 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
HOLTSVILLE_IC_9 23698	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.37 2.00 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.99 3.68 0.00	59.33 4.71 -3.42	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.36 2.69 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
HOMER_HL_115KV_TB2 355744	20.02 -0.41 0.00	18.39 -0.47 0.00	18.29 -0.62 0.00	17.59 -0.49 0.00	19.11 -0.41 0.00	20.14 -0.10 0.00	29.06 -0.38 0.00	32.30 -0.93 0.00	27.96 -1.41 0.00	25.31 -1.36 0.00	25.27 -1.19 0.00	25.27 -1.14 0.00	25.85 -1.50 0.00	28.11 -1.45 0.00	29.07 -1.79 0.00	31.70 -2.20 0.00	36.16 -2.15 0.00	46.97 -2.92 1.31	40.69 -2.60 0.00	34.72 -2.06 0.00	32.29 -2.17 0.00	27.51 -1.42 0.00	24.22 -1.04 0.00	22.51 -0.27 0.00
HOWARD_WT_PWR 323690	19.38 -1.04 0.00	17.82 -1.04 0.00	17.76 -1.15 0.00	17.00 -1.08 0.00	18.39 -1.13 0.00	19.31 -0.93 0.00	28.29 -1.15 0.00	31.60 -1.63 0.00	27.58 -1.79 0.00	25.23 -1.44 0.00	24.98 -1.48 0.00	24.95 -1.45 0.00	25.60 -1.75 0.00	27.78 -1.77 0.00	29.01 -1.85 0.00	31.29 -2.61 0.00	35.39 -2.91 0.00	48.15 -3.94 -0.89	39.96 -3.33 0.00	33.83 -2.94 0.00	31.50 -2.96 0.00	26.76 -2.17 0.00	23.52 -1.74 0.00	21.53 -1.25 0.00

HQ_GEN_CEDARS 23644	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.21 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 2.00 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.40 0.87 5.40	41.95 0.63 -16.06	37.69 0.46 -14.45
HQ_GEN_CEDARS_PROXY 323590	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.22 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.87 1.26 -25.38	37.00 0.82 -6.80	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.64 1.99 -8.45	77.51 2.08 -32.14	49.05 1.25 -11.02	55.56 1.31 -19.78	24.39 0.87 5.40	41.95 0.63 -16.06	37.69 0.46 -14.45
HQ_GEN_IMPORT 323601	20.28 -0.14 0.00	18.71 -0.15 0.00	18.74 -0.17 0.00	17.25 -0.16 0.66	17.82 -0.20 1.50	18.16 -0.20 1.87	25.79 -0.29 3.36	31.49 -0.33 1.40	25.46 -0.29 3.62	25.09 -0.24 1.33	24.89 -0.24 1.33	24.84 -0.24 1.32	25.77 -0.22 1.36	27.87 -0.24 1.45	29.11 -0.25 1.50	32.28 -0.31 1.32	37.83 -0.38 0.09	49.83 -0.46 0.91	41.14 -0.35 1.80	32.72 -0.33 3.73	31.70 -0.31 2.45	26.56 -0.26 2.11	24.04 -0.23 0.99	21.71 -0.18 0.89
HQ_GEN_WHEEL 23651	20.28 -0.14 0.00	18.71 -0.15 0.00	18.74 -0.17 0.00	17.25 -0.16 0.66	17.82 -0.20 1.50	18.16 -0.20 1.87	25.79 -0.29 3.36	31.49 -0.33 1.40	25.46 -0.29 3.62	25.09 -0.24 1.33	24.89 -0.24 1.33	24.84 -0.24 1.32	25.77 -0.22 1.36	27.87 -0.24 1.45	29.11 -0.25 1.50	32.28 -0.31 1.32	37.83 -0.38 0.09	49.83 -0.46 0.91	41.14 -0.35 1.80	32.72 -0.33 3.73	31.70 -0.31 2.45	26.56 -0.26 2.11	24.04 -0.23 0.99	21.71 -0.18 0.89
HUDSON AVE_GT_3 23810	21.85 1.43 0.00	20.12 1.26 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.71 1.19 0.00	21.49 1.25 0.00	31.30 1.85 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.61 1.95 0.00	28.42 1.96 0.00	28.36 1.95 0.00	29.49 2.13 0.00	31.77 2.22 0.00	33.14 2.28 0.00	36.75 2.85 0.00	41.56 3.26 0.00	55.53 4.35 0.02	46.84 3.55 0.00	39.80 3.02 0.00	37.18 2.72 0.00	31.04 2.11 0.00	27.10 1.84 0.00	24.28 1.50 0.00
HUDSON AVE_GT_4 23540	21.85 1.43 0.00	20.12 1.26 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.71 1.19 0.00	21.49 1.25 0.00	31.30 1.85 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.61 1.95 0.00	28.42 1.96 0.00	28.36 1.95 0.00	29.49 2.13 0.00	31.77 2.22 0.00	33.14 2.28 0.00	36.75 2.85 0.00	41.56 3.26 0.00	55.53 4.35 0.02	46.84 3.55 0.00	39.80 3.02 0.00	37.18 2.72 0.00	31.04 2.11 0.00	27.10 1.84 0.00	24.28 1.50 0.00
HUDSON AVE_GT_5 23657	21.85 1.43 0.00	20.12 1.26 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.71 1.19 0.00	21.49 1.25 0.00	31.30 1.85 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.61 1.95 0.00	28.42 1.96 0.00	28.36 1.95 0.00	29.49 2.13 0.00	31.77 2.22 0.00	33.14 2.28 0.00	36.75 2.85 0.00	41.56 3.26 0.00	55.53 4.35 0.02	46.84 3.55 0.00	39.80 3.02 0.00	37.18 2.72 0.00	31.04 2.11 0.00	27.10 1.84 0.00	24.28 1.50 0.00
HUDSON_AVE_10 24168	21.79 1.37 0.00	20.07 1.21 0.00	20.08 1.17 0.00	19.15 1.07 0.00	20.65 1.13 0.00	21.43 1.19 0.00	31.24 1.80 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.38 2.02 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.65 2.75 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.08 2.62 0.00	30.93 2.00 0.00	27.03 1.77 0.00	24.24 1.46 0.00
HUDSON___115KV_TB 4 355613	21.47 1.04 0.00	19.84 0.98 0.00	19.91 1.00 0.00	19.02 0.94 0.00	20.54 1.02 0.00	21.33 1.09 0.00	31.06 1.62 0.00	34.99 1.76 0.00	30.96 1.59 0.00	27.95 1.28 0.00	27.60 1.14 0.00	27.48 1.08 0.00	28.50 1.15 0.00	30.83 1.27 0.00	32.31 1.45 0.00	35.74 1.83 0.00	40.53 2.22 0.00	54.32 3.12 0.00	45.85 2.55 0.00	38.95 2.17 0.00	36.43 1.96 0.00	30.49 1.56 0.00	26.52 1.26 0.00	23.90 1.12 0.00
HUNTER MOUNT___DRP 323613	21.53 1.10 0.00	19.86 1.00 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.58 1.05 0.00	21.39 1.15 0.00	31.18 1.74 0.00	35.09 1.86 0.00	31.05 1.67 0.00	27.95 1.28 0.00	27.57 1.11 0.00	27.43 1.03 0.00	28.48 1.12 0.00	30.80 1.24 0.00	32.34 1.48 0.00	35.80 1.90 0.00	40.61 2.30 0.00	54.51 3.33 0.02	45.98 2.68 0.00	39.02 2.24 0.00	36.50 2.03 0.00	30.55 1.62 0.00	26.55 1.29 0.00	23.94 1.16 0.00
HUNTINGTON_RES_REC 323705	22.24 1.82 0.00	20.42 1.56 0.00	20.33 1.42 0.00	19.36 1.28 0.00	20.89 1.37 0.00	21.75 1.52 0.00	31.03 1.59 0.00	34.53 1.29 0.00	31.49 2.12 0.00	28.83 2.16 0.00	28.55 2.09 0.00	28.52 2.11 0.00	29.79 2.43 0.00	31.83 2.28 0.00	32.96 2.10 0.00	36.48 2.58 0.00	42.06 3.76 0.00	59.49 4.87 -3.42	47.36 4.07 0.00	40.20 3.42 0.00	37.46 3.00 0.00	32.39 2.72 -0.74	27.63 2.37 0.00	24.72 1.94 0.00
HUNTLEY___63 23557	19.18 -1.25 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.81 -1.27 0.00	18.29 -1.23 0.00	19.20 -1.03 0.00	27.65 -1.80 0.00	30.71 -2.53 0.00	26.82 -2.56 0.00	24.35 -2.32 0.00	24.42 -2.04 0.00	24.45 -1.95 0.00	24.89 -2.46 0.00	27.19 -2.36 0.00	27.99 -2.87 0.00	29.93 -3.97 0.01	33.67 -4.64 0.01	42.47 -6.45 2.28	38.09 -5.20 0.01	32.47 -4.30 0.01	30.88 -3.58 0.00	26.53 -2.40 0.00	23.36 -1.89 0.00	21.73 -1.05 0.00
HUNTLEY___64 23558	19.18 -1.25 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.81 -1.27 0.00	18.29 -1.23 0.00	19.20 -1.03 0.00	27.65 -1.80 0.00	30.71 -2.53 0.00	26.82 -2.56 0.00	24.35 -2.32 0.00	24.42 -2.04 0.00	24.45 -1.95 0.00	24.89 -2.46 0.00	27.19 -2.36 0.00	27.99 -2.87 0.00	29.93 -3.97 0.01	33.67 -4.64 0.01	42.47 -6.45 2.28	38.09 -5.20 0.01	32.47 -4.30 0.01	30.88 -3.58 0.00	26.53 -2.40 0.00	23.36 -1.89 0.00	21.73 -1.05 0.00
HUNTLEY___65 23559	19.18 -1.25 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.81 -1.27 0.00	18.29 -1.23 0.00	19.20 -1.03 0.00	27.65 -1.80 0.00	30.71 -2.53 0.00	26.82 -2.56 0.00	24.35 -2.32 0.00	24.42 -2.04 0.00	24.45 -1.95 0.00	24.89 -2.46 0.00	27.19 -2.36 0.00	27.99 -2.87 0.00	29.93 -3.97 0.01	33.67 -4.64 0.01	42.47 -6.45 2.28	38.09 -5.20 0.01	32.47 -4.30 0.01	30.88 -3.58 0.00	26.53 -2.40 0.00	23.36 -1.89 0.00	21.73 -1.05 0.00
HUNTLEY___66 23560	19.18 -1.25 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.81 -1.27 0.00	18.29 -1.23 0.00	19.20 -1.03 0.00	27.65 -1.80 0.00	30.71 -2.53 0.00	26.82 -2.56 0.00	24.35 -2.32 0.00	24.42 -2.04 0.00	24.45 -1.95 0.00	24.89 -2.46 0.00	27.19 -2.36 0.00	27.99 -2.87 0.00	29.93 -3.97 0.01	33.67 -4.64 0.01	42.47 -6.45 2.28	38.09 -5.20 0.01	32.47 -4.30 0.01	30.88 -3.58 0.00	26.53 -2.40 0.00	23.36 -1.89 0.00	21.73 -1.05 0.00

HUNTLEY___67 23561	19.10 -1.33 0.00	17.54 -1.32 0.00	17.45 -1.46 0.00	16.76 -1.32 0.00	18.23 -1.29 0.00	19.14 -1.09 0.00	27.53 -1.91 0.00	30.54 -2.69 0.00	26.67 -2.70 0.00	24.21 -2.45 0.00	24.24 -2.22 0.00	24.26 -2.14 0.00	24.73 -2.63 0.00	26.96 -2.60 0.00	27.80 -3.06 0.00	29.76 -4.14 0.01	33.51 -4.79 0.01	42.31 -6.66 2.24	38.00 -5.28 0.01	32.36 -4.41 0.01	30.77 -3.69 0.00	26.39 -2.55 0.00	23.24 -2.02 0.00	21.62 -1.16 0.00
HUNTLEY___68 23562	19.10 -1.33 0.00	17.54 -1.32 0.00	17.45 -1.46 0.00	16.76 -1.32 0.00	18.23 -1.29 0.00	19.14 -1.09 0.00	27.53 -1.91 0.00	30.54 -2.69 0.00	26.67 -2.70 0.00	24.21 -2.45 0.00	24.24 -2.22 0.00	24.26 -2.14 0.00	24.73 -2.63 0.00	26.96 -2.60 0.00	27.80 -3.06 0.00	29.76 -4.14 0.01	33.51 -4.79 0.01	42.31 -6.66 2.24	38.00 -5.28 0.01	32.36 -4.41 0.01	30.77 -3.69 0.00	26.39 -2.55 0.00	23.24 -2.02 0.00	21.62 -1.16 0.00
HYLAND___LFGE 323620	20.03 -0.39 0.00	18.41 -0.45 0.00	18.36 -0.55 0.00	17.59 -0.49 0.00	19.15 -0.37 0.00	20.12 -0.12 0.00	29.56 0.12 0.00	33.36 0.13 0.00	28.87 -0.50 0.00	25.97 -0.69 0.00	25.59 -0.87 0.00	25.45 -0.95 0.00	25.93 -1.42 0.00	28.26 -1.30 0.00	29.53 -1.33 0.00	31.87 -2.03 0.00	36.47 -1.84 0.00	48.68 -1.95 0.57	41.99 -1.30 0.00	35.93 -0.84 0.00	33.67 -0.79 0.00	28.59 -0.35 0.00	24.90 -0.35 0.00	22.69 -0.09 0.00
INDECK___CORINTH 23802	21.75 1.33 0.00	20.12 1.26 0.00	20.12 1.21 0.00	19.22 1.14 0.00	20.15 0.62 0.00	21.01 0.77 0.00	30.56 1.12 0.00	34.43 1.19 0.00	30.46 1.09 0.00	27.60 0.93 0.00	27.36 0.90 0.00	27.19 0.79 0.00	28.18 0.82 0.00	30.41 0.86 0.00	31.85 0.99 0.00	35.19 1.29 0.00	39.76 1.46 0.00	53.40 2.20 0.00	45.03 1.73 0.00	38.25 1.47 0.00	35.70 1.24 0.00	29.88 0.95 0.00	26.12 0.86 0.00	24.19 1.41 0.00
INDECK___ILION 23567	20.67 0.25 0.00	19.10 0.25 0.00	19.14 0.23 0.00	18.51 0.20 -0.23	20.24 0.20 -0.52	20.76 0.16 -0.37	30.56 0.24 -0.88	33.54 0.27 -0.04	30.48 0.23 -0.88	26.91 0.24 0.00	26.67 0.21 0.00	26.61 0.21 0.00	27.60 0.25 0.00	29.82 0.27 0.00	31.14 0.28 0.00	34.31 0.41 0.00	38.73 0.42 0.00	51.88 0.61 -0.06	43.77 0.48 0.00	38.03 0.33 -0.92	35.11 0.28 -0.37	29.87 0.20 -0.73	25.43 0.18 0.00	22.92 0.14 0.00
INDECK___OLEAN 23982	20.02 -0.41 0.00	18.39 -0.47 0.00	18.27 -0.64 0.00	17.59 -0.49 0.00	19.11 -0.41 0.00	20.12 -0.12 0.00	29.12 -0.32 0.00	32.30 -0.93 0.00	27.99 -1.38 0.00	25.33 -1.33 0.00	25.27 -1.19 0.00	25.27 -1.13 0.00	25.88 -1.48 0.00	28.08 -1.48 0.00	29.07 -1.79 0.00	31.73 -2.17 0.00	36.16 -2.14 0.00	47.03 -2.87 1.31	40.69 -2.60 0.00	34.72 -2.06 0.00	32.29 -2.17 0.00	27.51 -1.42 0.00	24.22 -1.04 0.00	22.51 -0.27 0.00
INDECK___OSWEGO 23783	19.89 -0.53 0.00	18.37 -0.49 0.00	18.42 -0.49 0.00	17.61 -0.47 0.00	19.03 -0.49 0.00	20.36 -0.46 -0.59	29.39 -0.65 -0.60	33.63 -0.73 -1.13	29.24 -0.73 -0.60	26.99 -0.64 -0.96	26.78 -0.64 -0.96	26.72 -0.63 -0.96	27.66 -0.68 -0.98	29.86 -0.74 -1.04	31.17 -0.77 -1.08	33.91 -0.95 -0.95	37.30 -1.07 -0.07	50.17 -1.43 -0.40	43.55 -1.17 -1.42	36.58 -0.99 -0.79	34.57 -0.90 -1.00	28.21 -0.72 0.00	25.34 -0.63 -0.71	22.85 -0.57 -0.64
INDECK___YERKES 23781	19.18 -1.25 0.00	17.60 -1.26 0.00	17.53 -1.38 0.00	16.83 -1.25 0.00	18.31 -1.21 0.00	19.23 -1.01 0.00	27.70 -1.74 0.00	30.74 -2.49 0.00	26.85 -2.53 0.00	24.48 -2.19 0.00	24.45 -2.01 0.00	24.48 -1.93 0.00	24.95 -2.41 0.00	27.22 -2.34 0.00	28.05 -2.81 0.00	29.93 -3.97 0.01	33.71 -4.60 0.01	42.52 -6.40 2.28	38.13 -5.15 0.01	32.55 -4.23 0.01	30.95 -3.52 0.00	26.53 -2.40 0.00	23.39 -1.87 0.00	21.76 -1.02 0.00
INDIAN POINT_GT_1 24139	21.61 1.18 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.54 1.02 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.27 1.60 0.00	28.05 1.59 0.00	27.96 1.56 0.00	29.11 1.75 0.00	31.36 1.80 0.00	32.71 1.85 0.00	36.21 2.31 0.00	40.99 2.68 0.00	54.71 3.53 0.02	46.24 2.94 0.00	39.28 2.50 0.00	36.74 2.27 0.00	30.72 1.79 0.00	26.80 1.54 0.00	24.03 1.25 0.00
INDIAN POINT_GT_2 23659	21.61 1.18 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.54 1.02 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.27 1.60 0.00	28.05 1.59 0.00	27.96 1.56 0.00	29.11 1.75 0.00	31.36 1.80 0.00	32.71 1.85 0.00	36.21 2.31 0.00	40.99 2.68 0.00	54.71 3.53 0.02	46.24 2.94 0.00	39.28 2.50 0.00	36.74 2.27 0.00	30.72 1.79 0.00	26.80 1.54 0.00	24.03 1.25 0.00
INDIAN POINT_GT_3 24019	21.61 1.18 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.54 1.02 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.27 1.60 0.00	28.05 1.59 0.00	27.96 1.56 0.00	29.11 1.75 0.00	31.36 1.80 0.00	32.71 1.85 0.00	36.21 2.31 0.00	40.99 2.68 0.00	54.71 3.53 0.02	46.24 2.94 0.00	39.28 2.50 0.00	36.74 2.27 0.00	30.72 1.79 0.00	26.80 1.54 0.00	24.03 1.25 0.00
INDIAN POINT___2 23530	21.59 1.16 0.00	19.90 1.04 0.00	19.91 1.00 0.00	19.02 0.94 0.00	20.52 1.00 0.00	21.31 1.07 0.00	30.97 1.53 0.00	35.06 1.83 0.00	31.14 1.76 0.00	28.24 1.57 0.00	28.02 1.56 0.00	27.93 1.53 0.00	29.05 1.70 0.00	31.30 1.74 0.00	32.65 1.79 0.00	36.18 2.27 0.00	40.95 2.64 0.00	54.66 3.48 0.02	46.19 2.90 0.00	39.24 2.46 0.00	36.70 2.24 0.00	30.70 1.77 0.00	26.77 1.52 0.00	24.03 1.25 0.00
INDIAN POINT___3 23531	21.59 1.16 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.04 0.96 0.00	20.52 1.00 0.00	21.29 1.05 0.00	30.97 1.53 0.00	35.03 1.79 0.00	31.14 1.76 0.00	28.24 1.57 0.00	27.99 1.53 0.00	27.93 1.53 0.00	29.05 1.70 0.00	31.30 1.74 0.00	32.65 1.79 0.00	36.14 2.24 0.00	40.91 2.60 0.00	54.61 3.43 0.02	46.15 2.86 0.00	39.24 2.46 0.00	36.67 2.21 0.00	30.67 1.74 0.00	26.77 1.52 0.00	24.03 1.25 0.00
INGHAM_C_115KV_TB7 356103	20.81 0.39 0.00	19.26 0.40 0.00	19.23 0.32 0.00	18.58 0.27 -0.23	20.28 0.23 -0.52	20.78 0.18 -0.37	30.56 0.24 -0.88	33.51 0.23 -0.04	30.46 0.21 -0.88	26.88 0.21 0.00	26.65 0.19 0.00	26.59 0.18 0.00	27.57 0.22 0.00	29.79 0.24 0.00	31.17 0.31 0.00	34.38 0.47 0.00	38.81 0.50 0.00	51.93 0.67 -0.06	43.77 0.48 0.00	37.99 0.29 -0.92	35.07 0.24 -0.37	29.81 0.14 -0.73	25.38 0.13 0.00	22.85 0.07 0.00
IP CORINTH___1 23988	21.22 0.80 0.00	19.61 0.75 0.00	19.63 0.72 0.00	18.75 0.67 0.00	20.24 0.72 0.00	21.13 0.89 0.00	30.74 1.30 0.00	34.59 1.36 0.00	30.61 1.23 0.00	27.76 1.09 0.00	27.49 1.03 0.00	27.33 0.92 0.00	28.31 0.96 0.00	30.59 1.03 0.00	32.00 1.14 0.00	35.36 1.46 0.00	39.99 1.69 0.00	53.71 2.51 0.00	45.24 1.95 0.00	38.47 1.69 0.00	35.87 1.41 0.00	30.06 1.13 0.00	26.24 0.99 0.00	24.19 1.41 0.00

IP___TICONDEROGA 23804	21.98 1.55 0.00	20.35 1.49 0.00	20.31 1.40 0.00	19.36 1.28 0.00	20.95 1.43 0.00	21.96 1.72 0.00	32.03 2.59 0.00	35.99 2.76 0.00	31.78 2.41 0.00	28.75 2.08 0.00	28.47 2.01 0.00	28.30 1.90 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.27 2.41 0.00	36.79 2.88 0.00	41.60 3.29 0.00	56.06 4.86 0.00	47.23 3.94 0.00	40.13 3.35 0.00	37.36 2.89 0.00	31.27 2.34 0.00	27.15 1.89 0.00	24.92 2.14 0.00
ISLIP_RES_REC 323679	22.32 1.90 0.00	20.50 1.64 0.00	20.39 1.48 0.00	19.42 1.34 0.00	20.93 1.41 0.00	21.79 1.56 0.00	30.94 1.50 0.00	34.36 1.13 0.00	31.49 2.12 0.00	28.83 2.16 0.00	28.47 2.01 0.00	28.44 2.03 0.00	29.76 2.41 0.00	31.83 2.28 0.00	32.93 2.07 0.00	36.45 2.54 0.00	42.18 3.87 0.00	59.60 4.96 -3.44	47.45 4.16 0.00	40.28 3.50 0.00	37.50 3.03 0.00	32.51 2.84 -0.74	27.73 2.48 0.00	24.81 2.03 0.00
JAMAICA__27_KV_LOAD 355505	21.89 1.47 0.00	20.14 1.28 0.00	20.18 1.27 0.00	19.20 1.12 0.00	20.73 1.21 0.00	21.53 1.30 0.00	31.41 1.97 0.00	35.56 2.33 0.00	31.72 2.35 0.00	28.75 2.08 0.00	28.50 2.04 0.00	28.44 2.03 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.82 2.92 0.00	41.68 3.37 0.00	55.73 4.56 0.02	47.01 3.72 0.00	39.98 3.20 0.00	37.32 2.86 0.00	31.07 2.14 0.00	27.20 1.94 0.00	24.37 1.59 0.00
JANIS___SOLAR 323808	20.89 0.47 0.00	19.37 0.51 0.00	19.34 0.44 0.00	18.55 0.47 0.00	20.11 0.59 0.00	20.96 0.73 0.00	30.80 1.36 0.00	34.73 1.50 0.00	30.40 1.03 0.00	27.65 0.99 0.00	27.31 0.85 0.00	27.27 0.87 0.00	28.20 0.85 0.00	30.44 0.89 0.00	31.85 0.99 0.00	34.92 1.02 0.00	39.68 1.38 0.00	54.05 2.10 -0.76	45.07 1.78 0.00	38.10 1.32 0.00	35.70 1.24 0.00	29.97 1.04 0.00	26.12 0.86 0.00	23.51 0.73 0.00
JARVIS____ 23743	20.53 0.10 0.00	18.95 0.09 0.00	19.02 0.11 0.00	18.42 0.11 -0.23	20.16 0.12 -0.52	20.70 0.10 -0.37	30.47 0.15 -0.88	33.44 0.17 -0.04	30.40 0.15 -0.88	26.80 0.13 0.00	26.59 0.13 0.00	26.54 0.13 0.00	27.49 0.14 0.00	29.71 0.15 0.00	31.01 0.16 0.00	34.11 0.20 0.00	38.54 0.23 0.00	51.57 0.31 -0.06	43.51 0.22 0.00	37.88 0.18 -0.92	35.01 0.17 -0.37	29.81 0.15 -0.73	25.38 0.13 0.00	22.89 0.11 0.00
JENNISON___1 23625	21.14 0.71 0.00	19.63 0.77 0.00	19.59 0.68 0.00	18.80 0.72 0.00	20.38 0.86 0.00	21.19 0.95 0.00	31.06 1.62 0.00	35.06 1.83 0.00	30.75 1.38 0.00	28.05 1.39 0.00	27.76 1.30 0.00	27.72 1.32 0.00	28.67 1.31 0.00	30.95 1.39 0.00	32.31 1.45 0.00	35.46 1.56 0.00	40.22 1.92 0.00	54.26 2.71 -0.35	45.54 2.25 0.00	38.47 1.69 0.00	36.08 1.62 0.00	30.26 1.33 0.00	26.37 1.11 0.00	23.74 0.96 0.00
JENNISON___2 23626	21.14 0.71 0.00	19.63 0.77 0.00	19.59 0.68 0.00	18.80 0.72 0.00	20.38 0.86 0.00	21.19 0.95 0.00	31.06 1.62 0.00	35.06 1.83 0.00	30.75 1.38 0.00	28.05 1.39 0.00	27.76 1.30 0.00	27.72 1.32 0.00	28.67 1.31 0.00	30.95 1.39 0.00	32.31 1.45 0.00	35.46 1.56 0.00	40.22 1.92 0.00	54.26 2.71 -0.35	45.54 2.25 0.00	38.47 1.69 0.00	36.08 1.62 0.00	30.26 1.33 0.00	26.37 1.11 0.00	23.74 0.96 0.00
JERICHO_RISE_WT_PWR 323719	19.95 -0.47 0.00	18.39 -0.47 0.00	18.20 -0.70 0.01	13.60 -0.76 3.72	10.22 -0.88 8.42	-8.22 -0.89 27.57	-7.77 -1.18 36.04	-10.00 -1.30 41.93	-7.82 -1.18 36.02	-9.59 -1.07 35.19	-9.58 -1.03 35.00	-9.57 -1.03 34.94	-9.62 -1.04 35.93	-9.75 -1.15 38.15	-9.85 -1.20 39.50	-2.27 -1.39 34.78	34.38 -1.46 2.47	33.57 -1.84 15.79	-10.00 -1.39 51.90	-8.22 -1.36 43.64	-9.29 -1.24 42.51	15.99 -1.13 11.81	-1.82 -1.01 26.07	-1.60 -0.91 23.47
KATONAH__115KV_46KV_TB4 355592	21.73 1.31 0.00	20.03 1.17 0.00	20.06 1.15 0.00	19.16 1.08 0.00	20.63 1.11 0.00	21.39 1.15 0.00	31.15 1.71 0.00	35.26 2.03 0.00	31.34 1.97 0.00	28.48 1.81 0.00	28.26 1.80 0.00	28.20 1.80 0.00	29.33 1.97 0.00	31.63 2.07 0.00	32.99 2.13 0.00	36.55 2.64 0.00	41.33 3.03 0.00	55.17 3.99 0.02	46.63 3.33 0.00	39.54 2.76 0.00	36.98 2.52 0.00	30.93 2.00 0.00	26.92 1.67 0.00	24.15 1.37 0.00
KCE_NY_1 323755	21.57 1.14 0.00	19.93 1.07 0.00	19.97 1.06 0.00	19.07 0.99 0.00	20.42 0.90 0.00	21.25 1.01 0.00	30.91 1.47 0.00	34.83 1.60 0.00	30.81 1.44 0.00	27.89 1.23 0.00	27.65 1.19 0.00	27.56 1.16 0.00	28.56 1.20 0.00	30.89 1.33 0.00	32.34 1.48 0.00	35.70 1.80 0.00	40.34 2.03 0.00	54.06 2.87 0.00	45.63 2.34 0.00	38.77 1.98 0.00	36.22 1.76 0.00	30.35 1.42 0.00	26.45 1.19 0.00	23.99 1.21 0.00
KCE_NY_6_ESR 323823	19.36 -1.06 0.00	17.77 -1.09 0.00	17.70 -1.21 0.00	17.00 -1.08 0.00	18.49 -1.04 0.00	19.43 -0.81 0.00	28.03 -1.41 0.00	31.10 -2.13 0.00	27.11 -2.26 0.00	24.72 -1.95 0.00	24.66 -1.80 0.00	24.66 -1.74 0.00	25.19 -2.16 0.00	27.46 -2.10 0.00	28.30 -2.56 0.00	30.37 -3.53 0.01	34.32 -3.98 0.01	43.66 -5.53 2.01	38.87 -4.42 0.01	33.13 -3.64 0.01	31.33 -3.14 0.00	26.82 -2.11 0.00	23.64 -1.62 0.00	21.98 -0.80 0.00
KEDC_PORT_JEFF_GT2 24210	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.75 1.52 0.00	30.88 1.44 0.00	34.29 1.06 0.00	31.40 2.03 0.00	28.75 2.08 0.00	28.39 1.93 0.00	28.36 1.95 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.35 2.44 0.00	41.99 3.68 0.00	59.38 4.76 -3.41	47.27 3.98 0.00	40.13 3.35 0.00	37.36 2.90 0.00	32.39 2.72 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
KEDC_PORT_JEFF_GT3 24211	22.26 1.84 0.00	20.44 1.58 0.00	20.33 1.42 0.00	19.38 1.30 0.00	20.89 1.37 0.00	21.75 1.52 0.00	30.88 1.44 0.00	34.29 1.06 0.00	31.40 2.03 0.00	28.75 2.08 0.00	28.39 1.93 0.00	28.36 1.95 0.00	29.68 2.32 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.35 2.44 0.00	41.99 3.68 0.00	59.38 4.76 -3.41	47.27 3.98 0.00	40.13 3.35 0.00	37.36 2.90 0.00	32.39 2.72 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
KEDC_GLWD_GT4 24219	21.97 1.55 0.00	20.22 1.36 0.00	20.20 1.29 0.00	19.25 1.17 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.18 1.74 0.00	35.09 1.86 0.00	31.52 2.14 0.00	28.69 2.03 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.62 2.27 0.00	31.80 2.25 0.00	33.08 2.22 0.00	36.62 2.71 0.00	41.76 3.45 0.00	61.60 4.56 -5.84	47.06 3.76 0.00	39.94 3.16 0.00	37.25 2.79 0.00	32.05 2.37 -0.74	27.28 2.02 0.00	24.44 1.66 0.00
KEDC_GLWD_GT5 24220	21.97 1.55 0.00	20.22 1.36 0.00	20.20 1.29 0.00	19.25 1.17 0.00	20.77 1.25 0.00	21.59 1.36 0.00	31.18 1.74 0.00	35.09 1.86 0.00	31.52 2.14 0.00	28.69 2.03 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.62 2.27 0.00	31.80 2.25 0.00	33.08 2.22 0.00	36.62 2.71 0.00	41.76 3.45 0.00	61.60 4.56 -5.84	47.06 3.76 0.00	39.94 3.16 0.00	37.25 2.79 0.00	32.05 2.37 -0.74	27.28 2.02 0.00	24.44 1.66 0.00

KENSICO____ 23655	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.09 1.01 0.00	20.58 1.05 0.00	21.35 1.11 0.00	31.06 1.62 0.00	35.16 1.93 0.00	31.25 1.88 0.00	28.37 1.71 0.00	28.13 1.67 0.00	28.04 1.64 0.00	29.19 1.83 0.00	31.45 1.89 0.00	32.80 1.94 0.00	36.31 2.41 0.00	41.14 2.83 0.00	54.92 3.74 0.02	46.37 3.07 0.00	39.39 2.61 0.00	36.84 2.38 0.00	30.81 1.88 0.00	26.87 1.62 0.00	24.10 1.32 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.53 1.10 0.00	19.84 0.98 0.00	19.91 1.00 0.00	19.00 0.92 0.00	20.50 0.98 0.00	21.27 1.03 0.00	31.00 1.56 0.00	35.03 1.79 0.00	31.14 1.76 0.00	28.19 1.52 0.00	27.86 1.40 0.00	27.75 1.35 0.00	28.89 1.53 0.00	31.12 1.57 0.00	32.56 1.70 0.00	36.11 2.20 0.00	40.95 2.64 0.00	54.66 3.48 0.02	46.15 2.86 0.00	39.17 2.39 0.00	36.67 2.21 0.00	30.61 1.68 0.00	26.70 1.44 0.00	23.94 1.16 0.00
KIAC_JFK_GT1 23816	21.75 1.33 0.00	20.01 1.15 0.00	20.04 1.13 0.00	19.09 1.01 0.00	20.59 1.07 0.00	21.39 1.15 0.00	31.21 1.77 0.00	35.19 1.96 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.19 1.83 0.00	31.48 1.92 0.00	32.83 1.97 0.00	36.45 2.54 0.00	41.26 2.95 0.00	55.12 3.94 0.02	46.50 3.20 0.00	39.54 2.76 0.00	36.91 2.45 0.00	30.75 1.82 0.00	27.03 1.77 0.00	24.22 1.44 0.00
KIAC_JFK_GT2 23817	21.75 1.33 0.00	20.01 1.15 0.00	20.04 1.13 0.00	19.09 1.01 0.00	20.59 1.07 0.00	21.39 1.15 0.00	31.21 1.77 0.00	35.19 1.96 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.19 1.83 0.00	31.48 1.92 0.00	32.83 1.97 0.00	36.45 2.54 0.00	41.26 2.95 0.00	55.12 3.94 0.02	46.50 3.20 0.00	39.54 2.76 0.00	36.91 2.45 0.00	30.75 1.82 0.00	27.03 1.77 0.00	24.22 1.44 0.00
KIAC_JFK____ 323774	21.73 1.31 0.00	19.99 1.13 0.00	19.99 1.08 0.00	19.06 0.98 0.00	20.59 1.07 0.00	21.39 1.15 0.00	31.21 1.77 0.00	35.19 1.96 0.00	31.52 2.14 0.00	28.53 1.87 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.19 1.83 0.00	31.48 1.92 0.00	32.84 1.98 0.00	36.48 2.58 0.00	41.26 2.95 0.00	55.12 3.94 0.02	46.50 3.20 0.00	39.54 2.76 0.00	36.91 2.45 0.00	30.75 1.82 0.00	27.03 1.77 0.00	24.22 1.44 0.00
KINTIGH____ 23543	19.06 -1.37 0.00	17.52 -1.34 0.00	17.45 -1.46 0.00	16.74 -1.34 0.00	18.19 -1.33 0.00	19.06 -1.17 0.00	27.47 -1.97 0.00	30.67 -2.56 0.00	26.82 -2.56 0.00	24.32 -2.35 0.00	24.34 -2.12 0.00	24.32 -2.09 0.00	24.87 -2.49 0.00	27.04 -2.51 0.00	27.99 -2.87 0.00	29.98 -3.93 0.00	33.68 -4.64 0.00	43.24 -6.40 1.56	38.23 -5.07 0.00	32.59 -4.19 0.00	31.02 -3.45 0.00	26.53 -2.40 0.00	23.31 -1.94 0.00	21.48 -1.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.22 -0.20 0.00	18.61 -0.25 0.00	18.41 -0.49 0.01	13.66 -0.54 3.88	10.09 -0.64 8.79	-6.99 -0.57 26.66	-6.69 -0.65 35.49	-7.39 -0.86 39.76	-6.87 -0.79 35.45	-7.39 -0.75 33.31	-7.36 -0.69 33.13	-7.39 -0.71 33.08	-7.37 -0.71 34.01	-7.35 -0.80 36.11	-7.33 -0.80 37.39	0.00 -0.98 32.92	34.93 -1.03 2.34	34.98 -1.18 15.05	-6.62 -0.78 49.13	-6.87 -0.92 42.73	-7.14 -0.79 40.81	15.92 -0.69 12.32	0.00 -0.58 24.68	0.00 -0.57 22.21
LACHUTE____HYDRO 323717	22.45 2.02 0.00	20.78 1.92 0.00	20.73 1.82 0.00	19.78 1.70 0.00	20.95 1.42 0.00	21.96 1.72 0.00	32.00 2.56 0.00	35.99 2.76 0.00	31.78 2.41 0.00	28.72 2.05 0.00	28.47 2.01 0.00	28.30 1.90 0.00	29.35 2.00 0.00	31.66 2.10 0.00	33.27 2.41 0.00	36.79 2.88 0.00	41.60 3.30 0.00	56.01 4.81 0.00	47.23 3.94 0.00	40.13 3.35 0.00	37.36 2.90 0.00	31.27 2.34 0.00	27.15 1.90 0.00	24.92 2.14 0.00
LAWRNCV_115KV_TB1 80681	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.86 0.20 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 2.00 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.40 0.87 5.40	41.95 0.63 -16.06	37.69 0.46 -14.45
LEDERLE____ 23769	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.09 1.01 0.00	20.58 1.05 0.00	21.37 1.13 0.00	31.09 1.65 0.00	35.19 1.96 0.00	31.25 1.88 0.00	28.35 1.68 0.00	28.07 1.61 0.00	28.01 1.61 0.00	29.13 1.78 0.00	31.39 1.83 0.00	32.74 1.88 0.00	36.28 2.37 0.00	41.07 2.76 0.00	54.81 3.64 0.02	46.32 3.03 0.00	39.39 2.61 0.00	36.81 2.34 0.00	30.78 1.85 0.00	26.87 1.62 0.00	24.10 1.32 0.00
LIGHTHSE_115KV_TB6 355974	20.14 -0.29 0.00	18.61 -0.25 0.00	18.63 -0.28 0.00	17.69 -0.25 0.13	18.95 -0.27 0.30	21.25 -0.20 -1.22	30.17 -0.21 -0.93	35.72 -0.20 -2.69	30.05 -0.26 -0.94	28.79 -0.19 -2.31	28.57 -0.19 -2.30	28.49 -0.21 -2.30	29.44 -0.27 -2.36	31.74 -0.33 -2.51	33.11 -0.34 -2.59	35.72 -0.47 -2.28	37.97 -0.50 -0.16	51.57 -0.56 -0.93	46.31 -0.39 -3.41	37.75 -0.40 -1.37	36.38 -0.28 -2.19	28.25 -0.26 0.42	26.74 -0.23 -1.71	24.09 -0.23 -1.54
LINDEN COGEN____ 23786	21.73 1.31 0.00	19.99 1.13 0.00	20.01 1.10 0.00	19.07 0.99 0.00	20.59 1.07 0.00	21.39 1.15 0.00	31.15 1.71 0.00	35.36 2.13 0.00	31.46 2.09 0.00	28.50 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.45 3.14 0.00	55.32 4.15 0.02	46.67 3.38 0.00	39.69 2.90 0.00	37.08 2.62 0.00	30.93 1.99 0.00	26.98 1.72 0.00	24.17 1.39 0.00
LINDHRST_69_KV_BK1 356055	22.30 1.88 0.00	20.48 1.62 0.00	20.42 1.51 0.00	19.49 1.41 0.00	20.93 1.41 0.00	21.79 1.56 0.00	31.24 1.80 0.00	34.63 1.40 0.00	31.64 2.26 0.00	29.01 2.35 0.00	28.66 2.20 0.00	28.62 2.22 0.00	29.87 2.52 0.00	31.92 2.36 0.00	33.05 2.19 0.00	36.55 2.64 0.00	42.14 3.83 0.00	59.97 4.97 -3.81	47.40 4.11 0.00	40.27 3.49 0.00	37.49 3.03 0.00	32.45 2.78 -0.74	27.68 2.42 0.00	24.76 1.98 0.00
LIPA_MISC_IPP 23656	22.22 1.80 0.00	20.42 1.57 0.00	20.29 1.38 0.00	19.42 1.34 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.83 1.38 0.00	34.10 0.86 0.00	31.28 1.91 0.00	28.75 2.08 0.00	28.13 1.67 0.00	28.09 1.69 0.00	29.52 2.16 0.00	31.60 2.04 0.00	32.68 1.82 0.00	36.18 2.27 0.00	41.87 3.56 0.00	59.11 4.51 -3.40	47.10 3.81 0.00	39.98 3.20 0.00	37.25 2.79 0.00	32.31 2.63 -0.74	27.56 2.30 0.00	24.67 1.89 0.00
LISF____SOLAR 323691	22.24 1.82 0.00	20.42 1.56 0.00	20.29 1.38 0.00	19.36 1.28 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.77 1.33 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.59 1.92 0.00	28.15 1.69 0.00	28.12 1.72 0.00	29.52 2.16 0.00	31.59 2.04 0.00	32.71 1.85 0.00	36.24 2.34 0.00	41.91 3.60 0.00	59.22 4.61 -3.41	47.19 3.90 0.00	40.05 3.27 0.00	37.32 2.86 0.00	32.36 2.69 -0.74	27.61 2.35 0.00	24.72 1.94 0.00

LITTLE FALLS___HYD 24013	20.81 0.39 0.00	19.26 0.40 0.00	19.23 0.32 0.00	18.58 0.27 -0.23	20.28 0.23 -0.52	20.78 0.18 -0.37	30.56 0.24 -0.88	33.51 0.23 -0.04	30.46 0.21 -0.88	26.88 0.21 0.00	26.65 0.19 0.00	26.59 0.18 0.00	27.57 0.22 0.00	29.79 0.24 0.00	31.17 0.31 0.00	34.38 0.47 0.00	38.81 0.50 0.00	51.93 0.67 -0.06	43.77 0.48 0.00	37.99 0.29 -0.92	35.07 0.24 -0.37	29.81 0.14 -0.73	25.38 0.13 0.00	22.85 0.07 0.00
LITTLRIV_115KV_TB1 356100	20.97 0.55 0.00	19.58 0.72 0.00	19.38 0.47 0.00	16.81 0.43 1.70	16.19 0.53 3.85	31.63 0.73 -10.67	38.04 1.65 -6.95	60.32 1.99 -25.10	37.81 1.35 -7.08	49.57 1.23 -21.68	49.16 1.14 -21.56	48.98 1.06 -21.53	50.58 1.09 -22.13	54.03 0.98 -23.50	56.15 0.96 -24.33	56.35 1.02 -21.42	41.40 1.57 -1.52	62.83 3.02 -8.61	78.25 2.99 -31.98	49.75 1.95 -11.02	56.25 2.00 -19.78	24.95 1.42 5.40	42.38 1.06 -16.06	38.06 0.82 -14.45
LI_NEWBRDGE___DRP 323616	22.02 1.59 0.00	20.24 1.38 0.00	20.20 1.29 0.00	19.27 1.19 0.00	20.71 1.19 0.00	21.55 1.32 0.00	31.00 1.56 0.00	34.53 1.30 0.00	31.34 1.97 0.00	28.72 2.05 0.00	28.39 1.93 0.00	28.36 1.95 0.00	29.57 2.22 0.00	31.66 2.10 0.00	32.80 1.94 0.00	36.28 2.37 0.00	41.64 3.33 0.00	58.62 4.30 -3.12	46.89 3.59 0.00	39.80 3.02 0.00	37.08 2.62 0.00	32.04 2.37 -0.74	27.33 2.07 0.00	24.44 1.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.97 -1.45 0.00	17.43 -1.43 0.00	17.34 -1.57 0.00	16.63 -1.45 0.00	18.12 -1.41 0.00	19.02 -1.21 0.00	27.38 -2.06 0.00	30.41 -2.82 0.00	26.55 -2.82 0.00	24.08 -2.59 0.00	24.13 -2.33 0.00	24.16 -2.24 0.00	24.62 -2.74 0.00	26.87 -2.69 0.00	27.68 -3.18 0.00	29.56 -4.34 0.00	33.25 -5.06 0.00	41.82 -7.01 2.37	37.70 -5.58 0.00	32.14 -4.63 0.00	30.60 -3.86 0.00	26.27 -2.66 0.00	23.14 -2.12 0.00	21.50 -1.28 0.00
LOCKPORT___CC1 323769	18.97 -1.45 0.00	17.43 -1.43 0.00	17.36 -1.55 0.00	16.65 -1.43 0.00	18.12 -1.41 0.00	19.04 -1.19 0.00	27.41 -2.03 0.00	30.41 -2.82 0.00	26.55 -2.82 0.00	24.19 -2.48 0.00	24.13 -2.33 0.00	24.13 -2.27 0.00	24.65 -2.71 0.00	26.84 -2.72 0.00	27.68 -3.18 0.00	29.49 -4.41 0.00	33.25 -5.06 0.00	41.83 -7.01 2.35	37.66 -5.63 0.00	32.14 -4.64 0.00	30.60 -3.86 0.00	26.27 -2.66 0.00	23.11 -2.15 0.00	21.51 -1.28 0.00
LOCKPORT___CC2 323770	18.97 -1.45 0.00	17.43 -1.43 0.00	17.36 -1.55 0.00	16.65 -1.43 0.00	18.12 -1.41 0.00	19.04 -1.19 0.00	27.41 -2.03 0.00	30.41 -2.82 0.00	26.55 -2.82 0.00	24.19 -2.48 0.00	24.13 -2.33 0.00	24.13 -2.27 0.00	24.65 -2.71 0.00	26.84 -2.72 0.00	27.68 -3.18 0.00	29.49 -4.41 0.00	33.25 -5.06 0.00	41.83 -7.01 2.35	37.66 -5.63 0.00	32.14 -4.64 0.00	30.60 -3.86 0.00	26.27 -2.66 0.00	23.11 -2.15 0.00	21.51 -1.28 0.00
LOCKPORT___CC3 323771	18.97 -1.45 0.00	17.43 -1.43 0.00	17.36 -1.55 0.00	16.65 -1.43 0.00	18.12 -1.41 0.00	19.04 -1.19 0.00	27.41 -2.03 0.00	30.41 -2.82 0.00	26.55 -2.82 0.00	24.19 -2.48 0.00	24.13 -2.33 0.00	24.13 -2.27 0.00	24.65 -2.71 0.00	26.84 -2.72 0.00	27.68 -3.18 0.00	29.49 -4.41 0.00	33.25 -5.06 0.00	41.83 -7.01 2.35	37.66 -5.63 0.00	32.14 -4.64 0.00	30.60 -3.86 0.00	26.27 -2.66 0.00	23.11 -2.15 0.00	21.51 -1.28 0.00
LONG_LAKE_PHOENIX 24014	19.97 -0.45 0.00	18.43 -0.43 0.00	18.47 -0.43 0.00	17.66 -0.42 0.00	19.11 -0.41 0.00	19.83 -0.40 0.00	28.91 -0.53 0.00	32.63 -0.60 0.00	28.79 -0.59 0.00	26.13 -0.53 0.00	25.93 -0.53 0.00	25.90 -0.50 0.00	26.78 -0.57 0.00	28.94 -0.62 0.00	30.21 -0.65 0.00	33.09 -0.81 0.00	37.39 -0.92 0.00	49.97 -1.23 0.00	42.25 -1.04 0.00	35.90 -0.88 0.00	33.67 -0.79 0.00	28.32 -0.61 0.00	24.73 -0.53 0.00	22.30 -0.48 0.00
LOVETT___3 23632	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.50 0.98 0.00	21.29 1.05 0.00	30.97 1.53 0.00	35.03 1.79 0.00	31.11 1.73 0.00	28.21 1.55 0.00	27.97 1.51 0.00	27.91 1.50 0.00	29.02 1.67 0.00	31.24 1.68 0.00	32.59 1.73 0.00	36.08 2.17 0.00	40.84 2.53 0.00	54.51 3.33 0.02	46.06 2.77 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.64 1.71 0.00	26.77 1.52 0.00	24.01 1.23 0.00
LOVETT___4 23642	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.50 0.98 0.00	21.29 1.05 0.00	30.97 1.53 0.00	35.03 1.79 0.00	31.11 1.73 0.00	28.21 1.55 0.00	27.97 1.51 0.00	27.91 1.50 0.00	29.02 1.67 0.00	31.24 1.68 0.00	32.59 1.73 0.00	36.08 2.17 0.00	40.84 2.53 0.00	54.51 3.33 0.02	46.06 2.77 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.64 1.71 0.00	26.77 1.52 0.00	24.01 1.23 0.00
LOVETT___5 23593	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.50 0.98 0.00	21.29 1.05 0.00	30.97 1.53 0.00	35.03 1.79 0.00	31.11 1.73 0.00	28.21 1.55 0.00	27.97 1.51 0.00	27.91 1.50 0.00	29.02 1.67 0.00	31.24 1.68 0.00	32.59 1.73 0.00	36.08 2.17 0.00	40.84 2.53 0.00	54.51 3.33 0.02	46.06 2.77 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.64 1.71 0.00	26.77 1.52 0.00	24.01 1.23 0.00
LOWER RAQUET___HYD 24057	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.22 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 1.99 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.39 0.87 5.40	41.95 0.63 -16.06	37.71 0.48 -14.45
LOWER___HUDSON 24059	21.34 0.92 0.00	19.73 0.87 0.00	19.78 0.87 0.00	18.91 0.83 0.00	20.36 0.84 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.66 1.43 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.57 1.11 0.00	27.49 1.08 0.00	28.45 1.10 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.71 2.51 0.00	45.37 2.08 0.00	38.55 1.77 0.00	36.05 1.59 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.78 1.00 0.00
LOWVILLE_115KV_TB2 356335	20.53 0.10 0.00	19.09 0.23 0.00	19.02 0.11 0.00	17.87 0.14 0.36	18.91 0.20 0.81	23.77 0.28 -3.25	32.62 0.71 -2.47	41.31 0.90 -7.18	32.50 0.62 -2.50	33.49 0.64 -6.18	33.19 0.58 -6.15	33.07 0.53 -6.14	34.19 0.52 -6.31	36.70 0.44 -6.70	38.23 0.43 -6.94	40.52 0.51 -6.11	39.51 0.77 -0.43	55.12 1.43 -2.49	53.80 1.39 -9.12	41.28 0.85 -3.65	41.21 0.90 -5.85	28.41 0.61 1.13	30.29 0.45 -4.58	27.20 0.30 -4.12
LUTHERFT_115KV_GLOB_FND_222 355753	21.38 0.96 0.00	19.76 0.91 0.00	19.80 0.89 0.00	18.91 0.83 0.00	20.42 0.90 0.00	21.25 1.01 0.00	30.91 1.47 0.00	34.83 1.60 0.00	30.81 1.44 0.00	27.89 1.23 0.00	27.65 1.19 0.00	27.56 1.16 0.00	28.56 1.20 0.00	30.86 1.30 0.00	32.31 1.45 0.00	35.67 1.76 0.00	40.30 1.99 0.00	54.01 2.82 0.00	45.59 2.29 0.00	38.73 1.95 0.00	36.19 1.72 0.00	30.35 1.42 0.00	26.42 1.16 0.00	23.96 1.18 0.00

LUTHERNY_35_KV_BK2 355980	21.38 0.96 0.00	19.76 0.91 0.00	19.82 0.91 0.00	18.91 0.83 0.00	20.42 0.90 0.00	21.25 1.01 0.00	30.91 1.47 0.00	34.83 1.60 0.00	30.81 1.44 0.00	27.92 1.25 0.00	27.65 1.19 0.00	27.56 1.16 0.00	28.56 1.20 0.00	30.89 1.33 0.00	32.34 1.48 0.00	35.67 1.76 0.00	40.34 2.03 0.00	54.07 2.87 0.00	45.63 2.34 0.00	38.77 1.99 0.00	36.22 1.76 0.00	30.35 1.42 0.00	26.44 1.19 0.00	23.99 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	20.55 0.12 0.00	19.12 0.26 0.00	19.00 0.09 0.00	17.06 0.09 1.11	17.15 0.14 2.50	27.82 0.26 -7.32	35.14 0.79 -4.90	51.27 1.00 -17.04	35.01 0.65 -4.99	42.02 0.64 -14.71	41.67 0.58 -14.63	41.54 0.53 -14.61	42.90 0.52 -15.02	45.89 0.38 -15.95	47.77 0.40 -16.51	48.85 0.41 -14.54	40.11 0.77 -1.03	58.64 1.59 -5.86	66.64 1.65 -21.70	45.41 0.96 -7.67	49.00 1.03 -13.50	26.09 0.67 3.51	36.64 0.48 -10.90	32.91 0.32 -9.81
LYONS_FALL_HYD 23570	20.63 0.20 0.00	19.16 0.30 0.00	19.14 0.23 0.00	18.16 0.23 0.16	19.46 0.29 0.36	22.87 0.36 -2.27	32.14 0.76 -1.94	38.93 0.93 -4.77	32.03 0.70 -1.95	31.48 0.72 -4.09	31.20 0.66 -4.07	31.10 0.63 -4.07	32.17 0.63 -4.18	34.59 0.59 -4.44	36.07 0.62 -4.60	38.63 0.68 -4.05	39.51 0.92 -0.29	54.41 1.53 -1.67	50.72 1.38 -6.04	40.43 0.92 -2.73	39.39 0.93 -4.00	29.09 0.67 0.50	28.82 0.53 -3.03	25.90 0.39 -2.73
MADISON___COUNTY_LFGE 323628	20.81 0.39 0.00	19.27 0.41 0.00	19.29 0.38 0.00	18.46 0.38 0.00	19.99 0.47 0.00	21.52 0.53 -0.76	31.12 0.91 -0.77	35.74 1.06 -1.45	30.97 0.82 -0.77	28.76 0.85 -1.24	28.48 0.79 -1.23	28.42 0.79 -1.23	29.44 0.82 -1.26	31.72 0.83 -1.34	33.08 0.83 -1.39	36.01 0.88 -1.22	39.47 1.07 -0.09	53.25 1.54 -0.52	46.41 1.30 -1.82	38.75 0.96 -1.01	36.68 0.93 -1.28	29.68 0.75 0.00	26.80 0.63 -0.92	24.13 0.52 -0.82
MALONE___115KV_TB1 356076	20.28 -0.14 0.00	18.71 -0.15 0.00	18.53 -0.38 0.01	14.45 -0.42 3.21	11.78 -0.47 7.28	39.00 -0.40 -19.16	41.25 -0.32 -12.13	78.45 -0.30 -45.52	41.40 -0.35 -12.38	65.65 -0.35 -39.33	65.27 -0.32 -39.12	65.14 -0.32 -39.06	67.19 -0.33 -40.16	71.79 -0.41 -42.64	74.58 -0.43 -44.15	72.20 -0.58 -38.88	40.65 -0.42 -2.76	66.53 -0.26 -15.59	101.31 0.00 -58.02	55.95 -0.33 -19.50	69.92 -0.24 -35.70	18.41 -0.32 10.20	54.10 -0.30 -29.14	48.69 -0.32 -26.23
MAPLEWOD_115KV_TB3 80458	21.32 0.90 0.00	19.71 0.85 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.15 0.91 0.00	30.77 1.32 0.00	34.69 1.46 0.00	30.73 1.35 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.54 1.14 0.00	28.53 1.18 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.60 1.70 0.00	40.26 1.95 0.00	53.86 2.66 0.00	45.46 2.16 0.00	38.66 1.88 0.00	36.12 1.65 0.00	30.29 1.36 0.00	26.39 1.14 0.00	23.78 1.00 0.00
MAPLE_RIDGE_WT_1 323574	19.50 -0.92 0.00	18.01 -0.85 0.00	18.05 -0.85 0.01	11.14 -0.81 6.12	4.76 -0.90 13.87	8.91 -0.93 10.40	4.01 -1.32 24.11	29.27 -1.46 2.50	4.22 -1.26 23.89	24.37 -1.12 1.18	24.20 -1.09 1.17	24.15 -1.08 1.17	25.06 -1.10 1.20	27.10 -1.18 1.28	28.37 -1.17 1.32	31.45 -1.29 1.16	36.77 -1.46 0.08	47.05 -1.95 2.20	39.87 -1.69 1.74	9.99 -1.51 25.28	21.98 -1.45 11.04	8.28 -1.21 19.43	23.35 -1.04 0.87	21.06 -0.93 0.78
MAPLE_RIDGE_WT_2 323611	19.50 -0.92 0.00	18.01 -0.85 0.00	18.05 -0.85 0.01	11.14 -0.81 6.12	4.76 -0.90 13.87	8.91 -0.93 10.40	4.01 -1.32 24.11	29.27 -1.46 2.50	4.22 -1.26 23.89	24.37 -1.12 1.18	24.20 -1.09 1.17	24.15 -1.08 1.17	25.06 -1.10 1.20	27.10 -1.18 1.28	28.37 -1.17 1.32	31.45 -1.29 1.16	36.77 -1.46 0.08	47.05 -1.95 2.20	39.87 -1.69 1.74	9.99 -1.51 25.28	21.98 -1.45 11.04	8.28 -1.21 19.43	23.35 -1.04 0.87	21.06 -0.93 0.78
MARBLE_RIVER_WT_PWR 323696	20.02 -0.41 0.00	18.43 -0.43 0.00	18.22 -0.68 0.01	13.40 -0.74 3.94	9.73 -0.88 8.92	-7.00 -0.89 26.35	-7.00 -1.15 35.29	-7.00 -1.23 39.00	-7.00 -1.12 35.26	-7.00 -1.01 32.65	-7.00 -0.98 32.48	-7.00 -0.98 32.43	-7.00 -1.01 33.34	-7.00 -1.15 35.40	-7.00 -1.20 36.66	0.24 -1.39 32.27	34.52 -1.49 2.29	34.52 -1.89 14.79	-6.35 -1.47 48.17	-7.00 -1.36 42.42	-7.00 -1.24 40.22	15.31 -1.13 12.50	0.05 -1.01 24.19	0.07 -0.93 21.77
MARSHVLE_115KV_TB1 80742	21.42 1.00 0.00	19.84 0.98 0.00	19.86 0.95 0.00	18.97 0.89 0.00	20.52 1.00 0.00	21.43 1.19 0.00	31.33 1.88 0.00	35.26 2.03 0.00	30.96 1.59 0.00	27.95 1.28 0.00	27.49 1.03 0.00	27.30 0.90 0.00	28.31 0.96 0.00	30.71 1.15 0.00	32.22 1.36 0.00	35.87 1.97 0.00	40.53 2.22 0.00	54.45 3.28 0.02	45.98 2.68 0.00	39.02 2.24 0.00	36.43 1.96 0.00	30.67 1.74 0.00	26.60 1.34 0.00	23.92 1.14 0.00
MARSH_HILL_WT_PWR 323713	19.40 -1.02 0.00	17.86 -1.00 0.00	17.79 -1.12 0.00	17.03 -1.05 0.00	18.43 -1.09 0.00	19.35 -0.89 0.00	28.32 -1.12 0.00	31.64 -1.59 0.00	27.61 -1.76 0.00	25.25 -1.41 0.00	25.03 -1.43 0.00	24.98 -1.43 0.00	25.66 -1.70 0.00	27.84 -1.72 0.00	29.04 -1.82 0.00	31.36 -2.54 0.00	35.43 -2.87 0.00	48.00 -3.89 -0.69	40.00 -3.29 0.00	33.87 -2.91 0.00	31.53 -2.93 0.00	26.79 -2.14 0.00	23.54 -1.72 0.00	21.55 -1.23 0.00
MCINTYRE_115KV_TB2 80467	21.20 0.78 0.00	19.84 0.98 0.00	19.61 0.70 0.00	17.05 0.67 1.70	16.47 0.80 3.85	31.94 1.03 -10.67	38.54 2.15 -6.95	60.86 2.53 -25.10	38.19 1.73 -7.08	49.86 1.52 -21.68	49.42 1.40 -21.56	49.25 1.32 -21.53	50.86 1.37 -22.13	54.27 1.21 -23.50	56.43 1.23 -24.33	56.65 1.32 -21.42	41.86 2.03 -1.52	63.65 3.84 -8.61	79.03 3.77 -31.98	50.34 2.54 -11.02	56.83 2.58 -19.78	25.41 1.88 5.40	42.76 1.44 -16.06	38.35 1.12 -14.45
MECO_____69_KV_BK1 80468	21.71 1.29 0.00	20.09 1.23 0.00	20.10 1.19 0.00	19.18 1.10 0.00	20.75 1.23 0.00	21.69 1.46 0.00	31.68 2.24 0.00	35.62 2.39 0.00	31.34 1.97 0.00	28.29 1.63 0.00	27.89 1.43 0.00	27.75 1.35 0.00	28.78 1.42 0.00	31.18 1.63 0.00	32.71 1.85 0.00	36.31 2.41 0.00	41.07 2.76 0.00	55.22 4.04 0.02	46.63 3.33 0.00	39.61 2.83 0.00	36.94 2.48 0.00	31.01 2.08 0.00	26.87 1.62 0.00	24.19 1.41 0.00
MENANDS___115KV_TB5 355628	21.30 0.88 0.00	19.67 0.81 0.00	19.74 0.83 0.00	18.88 0.80 0.00	20.36 0.84 0.00	21.11 0.87 0.00	30.71 1.27 0.00	34.63 1.40 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.57 1.11 0.00	27.51 1.11 0.00	28.48 1.12 0.00	30.83 1.27 0.00	32.22 1.36 0.00	35.53 1.63 0.00	40.19 1.88 0.00	53.71 2.51 0.00	45.33 2.03 0.00	38.55 1.77 0.00	36.05 1.59 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.74 0.96 0.00
MG INDUSTRY___DRP 24185	21.20 0.78 0.00	19.60 0.74 0.00	19.68 0.78 0.00	18.80 0.72 0.00	20.28 0.76 0.00	21.03 0.79 0.00	30.56 1.12 0.00	34.43 1.20 0.00	30.43 1.06 0.00	27.55 0.88 0.00	27.31 0.85 0.00	27.22 0.82 0.00	28.23 0.88 0.00	30.53 0.98 0.00	31.94 1.08 0.00	35.23 1.32 0.00	39.84 1.53 0.00	53.30 2.10 0.00	45.02 1.73 0.00	38.29 1.51 0.00	35.84 1.38 0.00	30.06 1.13 0.00	26.19 0.93 0.00	23.60 0.82 0.00

MID___OSWEGATCHIE_HYD 23849	20.55 0.12 0.00	19.12 0.26 0.00	19.00 0.09 0.00	17.06 0.09 1.11	17.15 0.14 2.50	27.82 0.26 -7.32	35.14 0.79 -4.90	51.27 1.00 -17.04	35.01 0.65 -4.99	42.02 0.64 -14.71	41.67 0.58 -14.63	41.54 0.53 -14.61	42.90 0.52 -15.02	45.89 0.38 -15.95	47.77 0.40 -16.51	48.85 0.41 -14.54	40.11 0.77 -1.03	58.64 1.59 -5.86	66.64 1.65 -21.70	45.41 0.96 -7.67	49.00 1.03 -13.50	26.09 0.67 3.51	36.64 0.48 -10.90	32.91 0.32 -9.81
MID___RAQUETTE_HYD 23851	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.21 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 2.00 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.40 0.87 5.40	41.95 0.63 -16.06	37.71 0.48 -14.45
MILLIKEN___1 23584	20.57 0.14 0.00	18.97 0.11 0.00	19.00 0.09 0.00	18.19 0.11 0.00	19.68 0.16 0.00	20.48 0.24 0.00	29.97 0.53 0.00	33.80 0.56 0.00	29.76 0.38 0.00	27.04 0.37 0.00	26.78 0.32 0.00	26.75 0.34 0.00	27.66 0.30 0.00	29.88 0.33 0.00	31.20 0.34 0.00	34.14 0.24 0.00	38.65 0.34 0.00	52.84 0.56 -1.08	43.77 0.48 0.00	37.18 0.40 0.00	34.81 0.34 0.00	29.28 0.35 0.00	25.56 0.30 0.00	23.05 0.27 0.00
MILLIKEN___2 23585	20.57 0.14 0.00	18.97 0.11 0.00	19.00 0.09 0.00	18.19 0.11 0.00	19.68 0.16 0.00	20.48 0.24 0.00	29.97 0.53 0.00	33.80 0.56 0.00	29.76 0.38 0.00	27.04 0.37 0.00	26.78 0.32 0.00	26.75 0.34 0.00	27.66 0.30 0.00	29.88 0.33 0.00	31.20 0.34 0.00	34.14 0.24 0.00	38.65 0.34 0.00	52.84 0.56 -1.08	43.77 0.48 0.00	37.18 0.40 0.00	34.81 0.34 0.00	29.28 0.35 0.00	25.56 0.30 0.00	23.05 0.27 0.00
MILLIKEN___DIESEL 23629	20.57 0.14 0.00	18.97 0.11 0.00	19.00 0.09 0.00	18.19 0.11 0.00	19.68 0.16 0.00	20.48 0.24 0.00	29.97 0.53 0.00	33.80 0.56 0.00	29.76 0.38 0.00	27.04 0.37 0.00	26.78 0.32 0.00	26.75 0.34 0.00	27.66 0.30 0.00	29.88 0.33 0.00	31.20 0.34 0.00	34.14 0.24 0.00	38.65 0.34 0.00	52.84 0.56 -1.08	43.77 0.48 0.00	37.18 0.40 0.00	34.81 0.34 0.00	29.28 0.35 0.00	25.56 0.30 0.00	23.05 0.27 0.00
MILLSEAT___LFGE 323607	19.20 -1.22 0.00	17.63 -1.23 0.00	17.59 -1.32 0.00	16.87 -1.21 0.00	18.37 -1.15 0.00	19.31 -0.93 0.00	27.91 -1.53 0.00	31.17 -2.06 0.00	27.17 -2.20 0.00	24.69 -1.97 0.00	24.63 -1.83 0.00	24.61 -1.80 0.00	25.17 -2.19 0.00	27.40 -2.16 0.00	28.36 -2.50 0.00	30.21 -3.69 0.00	34.13 -4.17 0.00	43.06 -5.73 2.41	38.74 -4.55 0.00	33.06 -3.71 0.00	31.36 -3.10 0.00	26.88 -2.05 0.00	23.57 -1.69 0.00	21.82 -0.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.63 1.20 0.00	19.93 1.07 0.00	19.97 1.06 0.00	19.06 0.98 0.00	20.54 1.02 0.00	21.31 1.07 0.00	31.03 1.59 0.00	35.09 1.86 0.00	31.20 1.82 0.00	28.29 1.63 0.00	28.07 1.61 0.00	27.99 1.58 0.00	29.13 1.78 0.00	31.39 1.83 0.00	32.71 1.85 0.00	36.25 2.34 0.00	41.03 2.72 0.00	54.76 3.58 0.02	46.28 2.99 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.72 1.79 0.00	26.82 1.57 0.00	24.06 1.28 0.00
MILLWOOD_13_KV_LOAD 356217	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.11 1.03 0.00	20.58 1.05 0.00	21.35 1.11 0.00	31.09 1.65 0.00	35.16 1.93 0.00	31.25 1.88 0.00	28.37 1.71 0.00	28.15 1.69 0.00	28.07 1.66 0.00	29.22 1.86 0.00	31.48 1.92 0.00	32.83 1.97 0.00	36.35 2.44 0.00	41.14 2.83 0.00	54.92 3.74 0.02	46.41 3.12 0.00	39.39 2.61 0.00	36.84 2.38 0.00	30.81 1.88 0.00	26.87 1.62 0.00	24.10 1.32 0.00
MODEL_CITY_ENERGY 24167	18.77 -1.65 0.00	17.24 -1.62 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.84 -1.40 0.00	27.09 -2.36 0.00	30.01 -3.22 0.00	26.23 -3.14 0.00	23.89 -2.77 0.00	23.84 -2.62 0.00	23.84 -2.56 0.00	24.32 -3.04 0.00	26.51 -3.04 0.00	27.34 -3.52 0.00	29.12 -4.78 0.01	32.79 -5.52 0.01	41.22 -7.63 2.35	37.18 -6.10 0.01	31.70 -5.08 0.01	30.22 -4.24 0.00	25.95 -2.98 0.00	22.86 -2.40 0.00	21.28 -1.50 0.00
MODERN_LFGE___ 323580	18.77 -1.65 0.00	17.24 -1.62 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.84 -1.40 0.00	27.09 -2.36 0.00	30.01 -3.22 0.00	26.23 -3.14 0.00	23.89 -2.77 0.00	23.84 -2.62 0.00	23.84 -2.56 0.00	24.32 -3.04 0.00	26.51 -3.04 0.00	27.34 -3.52 0.00	29.12 -4.78 0.01	32.79 -5.52 0.01	41.22 -7.63 2.35	37.18 -6.10 0.01	31.70 -5.08 0.01	30.22 -4.24 0.00	25.95 -2.98 0.00	22.86 -2.40 0.00	21.28 -1.50 0.00
MOHAWK_PAPER___DRP 24187	21.32 0.90 0.00	19.71 0.85 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.15 0.91 0.00	30.77 1.32 0.00	34.69 1.46 0.00	30.73 1.35 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.54 1.14 0.00	28.53 1.18 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.60 1.70 0.00	40.26 1.95 0.00	53.86 2.66 0.00	45.46 2.16 0.00	38.66 1.88 0.00	36.12 1.65 0.00	30.29 1.36 0.00	26.39 1.14 0.00	23.78 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	21.36 0.94 0.00	19.76 0.91 0.00	19.78 0.87 0.00	18.88 0.80 0.00	20.40 0.88 0.00	21.27 1.03 0.00	30.97 1.53 0.00	34.86 1.63 0.00	30.84 1.47 0.00	27.92 1.25 0.00	27.68 1.22 0.00	27.54 1.14 0.00	28.53 1.18 0.00	30.83 1.27 0.00	32.28 1.42 0.00	35.67 1.76 0.00	40.30 1.99 0.00	54.12 2.92 0.00	45.63 2.34 0.00	38.77 1.99 0.00	36.19 1.72 0.00	30.32 1.39 0.00	26.42 1.16 0.00	24.24 1.46 0.00
MONGAUP___HYD 23641	21.51 1.08 0.00	19.80 0.94 0.00	19.85 0.95 0.00	18.95 0.87 0.00	20.48 0.96 0.00	21.27 1.03 0.00	31.00 1.56 0.00	34.99 1.76 0.00	31.05 1.67 0.00	28.05 1.39 0.00	27.73 1.27 0.00	27.59 1.19 0.00	28.72 1.37 0.00	31.00 1.45 0.00	32.40 1.54 0.00	35.97 2.07 0.00	40.84 2.53 0.00	54.61 3.43 0.02	46.15 2.86 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.61 1.68 0.00	26.67 1.41 0.00	23.94 1.16 0.00
MONTAUK___DIESEL 23721	22.12 1.70 0.00	20.31 1.45 0.00	20.18 1.27 0.00	19.29 1.21 0.00	20.63 1.11 0.00	21.49 1.25 0.00	30.56 1.12 0.00	33.86 0.63 0.00	31.17 1.79 0.00	28.75 2.08 0.00	27.86 1.40 0.00	27.83 1.43 0.00	29.24 1.89 0.00	31.36 1.80 0.00	32.46 1.60 0.00	35.97 2.07 0.00	41.83 3.52 0.00	59.26 4.66 -3.40	46.97 3.68 0.00	39.87 3.09 0.00	37.08 2.62 0.00	32.19 2.52 -0.74	27.33 2.07 0.00	24.69 1.91 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.95 -1.47 0.00	17.31 -1.55 0.00	17.25 -1.66 0.00	16.58 -1.50 0.00	18.06 -1.46 0.00	19.06 -1.17 0.00	27.59 -1.85 0.00	30.87 -2.36 0.00	26.82 -2.56 0.00	24.35 -2.32 0.00	24.42 -2.04 0.00	24.42 -1.98 0.00	24.87 -2.49 0.00	27.10 -2.45 0.00	27.84 -3.02 0.00	30.00 -3.90 0.01	33.86 -4.44 0.01	43.34 -6.14 1.72	38.65 -4.63 0.01	32.95 -3.83 0.01	31.05 -3.41 0.00	26.53 -2.40 0.00	23.34 -1.92 0.00	21.69 -1.09 0.00

MORRIS_RIDGE___SOLAR 323848	19.40 -1.02 0.00	17.84 -1.02 0.00	17.78 -1.13 0.00	17.05 -1.03 0.00	18.51 -1.02 0.00	19.41 -0.83 0.00	28.21 -1.24 0.00	31.44 -1.79 0.00	27.47 -1.91 0.00	25.01 -1.65 0.00	24.87 -1.59 0.00	24.84 -1.56 0.00	25.49 -1.86 0.00	27.64 -1.92 0.00	28.70 -2.16 0.00	31.02 -2.88 0.00	35.05 -3.26 0.00	46.26 -4.45 0.48	39.65 -3.64 0.00	33.76 -3.02 0.00	31.67 -2.79 0.00	26.99 -1.94 0.00	23.72 -1.54 0.00	21.82 -0.96 0.00
MORTIMER_115KV_TB3 55949	19.46 -0.96 0.00	17.92 -0.94 0.00	17.89 -1.02 0.00	17.14 -0.94 0.00	18.60 -0.92 0.00	19.47 -0.77 0.00	28.23 -1.21 0.00	31.77 -1.46 0.00	27.82 -1.56 0.00	25.23 -1.44 0.00	25.16 -1.30 0.00	25.14 -1.27 0.00	25.82 -1.53 0.00	28.05 -1.51 0.00	29.16 -1.70 0.00	31.36 -2.54 0.00	35.40 -2.91 0.00	44.66 -3.94 2.60	40.13 -3.16 0.00	34.21 -2.57 0.00	32.33 -2.14 0.00	27.48 -1.45 0.00	24.02 -1.24 0.00	21.94 -0.84 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.81 1.39 0.00	20.10 1.24 0.00	20.12 1.21 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.68 2.13 0.00	33.05 2.19 0.00	36.65 2.75 0.00	41.45 3.14 0.00	55.33 4.15 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.08 2.62 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
MUNSVILLE_WIND_PWR 323609	21.30 0.88 0.00	19.88 1.02 0.00	19.80 0.89 0.00	19.04 0.96 0.00	20.67 1.15 0.00	21.55 1.31 0.00	31.77 2.33 0.00	35.82 2.59 0.00	31.34 1.97 0.00	28.64 1.97 0.00	28.26 1.80 0.00	28.28 1.87 0.00	29.27 1.91 0.00	31.54 1.98 0.00	32.96 2.10 0.00	36.21 2.31 0.00	41.18 2.87 0.00	55.95 4.20 -0.55	46.76 3.46 0.00	39.28 2.50 0.00	36.87 2.41 0.00	30.87 1.94 0.00	26.82 1.57 0.00	24.08 1.30 0.00
N SALMON___HYD 24042	20.28 -0.14 0.00	18.73 -0.13 0.00	18.53 -0.38 0.01	14.45 -0.42 3.21	11.78 -0.47 7.28	39.00 -0.40 -19.16	41.25 -0.32 -12.13	78.45 -0.30 -45.52	41.40 -0.35 -12.38	65.65 -0.35 -39.33	65.27 -0.32 -39.12	65.14 -0.32 -39.06	67.19 -0.33 -40.16	71.79 -0.41 -42.64	74.58 -0.43 -44.15	72.20 -0.58 -38.88	40.65 -0.42 -2.76	66.54 -0.25 -15.59	101.31 0.00 -58.02	55.95 -0.33 -19.50	69.92 -0.24 -35.70	18.41 -0.32 10.20	54.10 -0.30 -29.14	48.69 -0.32 -26.23
N.AKRON__115KV_KNAPP 355671	19.22 -1.20 0.00	17.65 -1.21 0.00	17.57 -1.34 0.00	16.87 -1.21 0.00	18.37 -1.15 0.00	19.31 -0.93 0.00	27.88 -1.56 0.00	31.14 -2.09 0.00	27.14 -2.23 0.00	24.59 -2.08 0.00	24.61 -1.85 0.00	24.61 -1.80 0.00	25.11 -2.24 0.00	27.40 -2.16 0.00	28.30 -2.56 0.00	30.21 -3.70 0.00	34.09 -4.21 0.00	42.96 -5.84 2.40	38.66 -4.63 0.00	32.99 -3.79 0.00	31.33 -3.14 0.00	26.85 -2.08 0.00	23.57 -1.69 0.00	21.82 -0.96 0.00
N.BELMOR_69_KV_BK1 55787	22.14 1.72 0.00	20.33 1.47 0.00	20.31 1.40 0.00	19.36 1.28 0.00	20.83 1.31 0.00	21.67 1.44 0.00	31.18 1.74 0.00	34.76 1.53 0.00	31.55 2.17 0.00	28.88 2.21 0.00	28.55 2.09 0.00	28.54 2.14 0.00	29.74 2.38 0.00	31.83 2.28 0.00	33.02 2.16 0.00	36.52 2.61 0.00	41.91 3.60 0.00	60.61 4.71 -4.70	47.23 3.94 0.00	40.09 3.31 0.00	37.36 2.89 0.00	32.25 2.57 -0.74	27.48 2.22 0.00	24.60 1.82 0.00
N.E_GEN_SANDY PD 24062	24.34 0.98 -2.94	23.00 0.92 -3.22	21.50 0.95 -1.65	23.73 0.89 -4.76	25.88 0.94 -5.42	24.70 0.97 -3.49	33.77 1.38 -2.94	37.73 1.56 -2.94	35.30 1.44 -4.49	30.57 1.25 -2.65	29.30 1.24 -1.60	28.00 1.22 -0.38	28.53 1.18 0.00	31.57 1.39 -0.62	33.59 1.45 -1.28	35.80 1.76 -0.13	43.31 2.03 -2.97	54.90 2.71 -0.99	47.60 2.21 -2.10	41.64 1.91 -2.95	39.17 1.72 -2.99	32.50 1.42 -2.15	29.10 1.21 -2.63	24.70 1.09 -0.83
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.61 1.18 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.54 1.02 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.14 1.76 0.00	28.24 1.57 0.00	27.99 1.53 0.00	27.93 1.53 0.00	29.05 1.70 0.00	31.30 1.74 0.00	32.65 1.79 0.00	36.14 2.24 0.00	40.91 2.60 0.00	54.61 3.43 0.02	46.15 2.86 0.00	39.24 2.46 0.00	36.70 2.24 0.00	30.70 1.76 0.00	26.80 1.54 0.00	24.03 1.25 0.00
N.QUEENS_27_KV_LOAD 356247	22.00 1.57 0.00	20.24 1.38 0.00	20.25 1.34 0.00	19.26 1.18 0.00	20.81 1.29 0.00	21.51 1.27 0.00	31.33 1.88 0.00	35.36 2.13 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.08 2.22 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.93 2.00 0.00	27.15 1.89 0.00	24.42 1.64 0.00
N.TROY___115KV_TB1 355778	21.30 0.88 0.00	19.67 0.81 0.00	19.74 0.83 0.00	18.86 0.78 0.00	20.36 0.84 0.00	21.13 0.89 0.00	30.74 1.30 0.00	34.66 1.43 0.00	30.67 1.29 0.00	27.81 1.15 0.00	27.57 1.11 0.00	27.48 1.08 0.00	28.45 1.09 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.71 2.51 0.00	45.37 2.08 0.00	38.55 1.77 0.00	36.05 1.59 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.78 1.00 0.00
NARROWS_GT1_1 24228	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT1_2 24229	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT1_3 24230	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT1_4 24231	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01

NARROWS_GT1_5 24232	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT1_6 24233	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT1_7 24234	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT1_8 24235	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_1 24236	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_2 24237	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_3 24238	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_4 24239	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_5 24240	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_6 24241	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_7 24242	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NARROWS_GT2_8 24243	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.53 1.10 0.00	19.86 1.00 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.58 1.05 0.00	21.39 1.15 0.00	31.18 1.74 0.00	35.09 1.86 0.00	31.05 1.67 0.00	27.95 1.28 0.00	27.57 1.11 0.00	27.43 1.03 0.00	28.48 1.12 0.00	30.80 1.24 0.00	32.34 1.48 0.00	35.80 1.90 0.00	40.61 2.30 0.00	54.51 3.33 0.02	45.98 2.68 0.00	39.02 2.24 0.00	36.50 2.03 0.00	30.55 1.62 0.00	26.55 1.29 0.00	23.94 1.16 0.00
NCHELSEA_115KV_TR2 355582	21.63 1.20 0.00	19.93 1.07 0.00	19.99 1.08 0.00	19.07 0.99 0.00	20.58 1.05 0.00	21.33 1.09 0.00	31.09 1.65 0.00	35.13 1.89 0.00	31.25 1.88 0.00	28.29 1.63 0.00	28.02 1.56 0.00	27.93 1.53 0.00	29.08 1.72 0.00	31.33 1.77 0.00	32.77 1.91 0.00	36.31 2.41 0.00	41.10 2.80 0.00	54.86 3.69 0.02	46.32 3.03 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.72 1.79 0.00	26.80 1.54 0.00	24.03 1.25 0.00
NEG CAPITAL___MECHNVIL 23645	21.55 1.12 0.00	19.92 1.06 0.00	19.97 1.06 0.00	19.06 0.98 0.00	20.46 0.94 0.00	21.27 1.03 0.00	30.97 1.53 0.00	34.89 1.66 0.00	30.87 1.50 0.00	27.95 1.28 0.00	27.70 1.24 0.00	27.64 1.24 0.00	28.61 1.26 0.00	30.95 1.39 0.00	32.40 1.54 0.00	35.77 1.86 0.00	40.45 2.14 0.00	54.17 2.97 0.00	45.71 2.42 0.00	38.84 2.06 0.00	36.29 1.83 0.00	30.43 1.50 0.00	26.50 1.24 0.00	23.99 1.21 0.00

NEG CENTRAL_HIGH_ACRES 23767	19.24 -1.19 0.00	17.71 -1.15 0.00	17.72 -1.19 0.00	16.96 -1.12 0.00	18.41 -1.11 0.00	19.23 -1.01 0.00	28.03 -1.41 0.00	31.57 -1.66 0.00	27.79 -1.59 0.00	25.25 -1.41 0.00	25.11 -1.35 0.00	25.08 -1.32 0.00	25.82 -1.53 0.00	28.02 -1.54 0.00	29.19 -1.67 0.00	31.40 -2.51 0.00	35.51 -2.79 0.00	45.18 -3.74 2.28	40.22 -3.07 0.00	34.28 -2.50 0.00	32.29 -2.17 0.00	27.37 -1.56 0.00	23.89 -1.36 0.00	21.76 -1.02 0.00
NEG CENTRAL___DRP 24199	20.12 -0.31 0.00	18.52 -0.34 0.00	18.53 -0.38 0.00	17.74 -0.34 0.00	19.23 -0.29 0.00	20.05 -0.18 0.00	29.32 -0.12 0.00	32.97 -0.27 0.00	29.08 -0.29 0.00	26.40 -0.27 0.00	26.20 -0.26 0.00	26.14 -0.26 0.00	26.97 -0.38 0.00	29.20 -0.35 0.00	30.46 -0.40 0.00	33.09 -0.81 0.00	37.47 -0.84 0.00	58.96 -1.08 -8.83	42.43 -0.87 0.00	36.04 -0.74 0.00	33.77 -0.69 0.00	28.53 -0.41 0.00	24.93 -0.33 0.00	22.55 -0.23 0.00
NEG CENTRAL___INDECK 23768	19.89 -0.53 0.00	18.27 -0.58 0.00	18.25 -0.66 0.00	17.48 -0.60 0.00	19.01 -0.51 0.00	19.95 -0.28 0.00	29.20 -0.24 0.00	32.87 -0.36 0.00	28.58 -0.79 0.00	25.87 -0.80 0.00	25.61 -0.85 0.00	25.53 -0.87 0.00	26.13 -1.23 0.00	28.40 -1.15 0.00	29.62 -1.24 0.00	31.87 -2.03 0.00	36.28 -2.03 0.00	48.13 -2.51 0.57	41.43 -1.86 0.00	35.34 -1.44 0.00	33.19 -1.27 0.00	28.18 -0.75 0.00	24.63 -0.63 0.00	22.46 -0.32 0.00
NEG CENTRAL___SENECA 23627	20.08 -0.35 0.00	18.48 -0.38 0.00	18.47 -0.43 0.00	17.70 -0.38 0.00	19.21 -0.31 0.00	20.07 -0.16 0.00	29.35 -0.09 0.00	32.90 -0.33 0.00	28.99 -0.38 0.00	26.29 -0.37 0.00	26.12 -0.34 0.00	26.06 -0.34 0.00	26.86 -0.49 0.00	29.08 -0.47 0.00	30.30 -0.56 0.00	32.79 -1.12 0.00	37.16 -1.15 0.00	64.06 -1.48 -14.34	42.08 -1.21 0.00	35.79 -0.99 0.00	33.53 -0.93 0.00	28.41 -0.52 0.00	24.85 -0.40 0.00	22.53 -0.25 0.00
NEG CENTRAL___STATE_STREET 24147	20.24 -0.18 0.00	18.65 -0.21 0.00	18.70 -0.21 0.00	17.90 -0.18 0.00	19.37 -0.16 0.00	20.16 -0.08 0.00	29.47 0.03 0.00	33.20 -0.03 0.00	29.40 0.03 0.00	26.72 0.05 0.00	26.49 0.03 0.00	26.46 0.05 0.00	27.36 0.00 0.00	29.59 0.03 0.00	30.89 0.03 0.00	33.70 -0.20 0.00	38.16 -0.15 0.00	53.60 -0.15 -2.55	43.16 -0.13 0.00	36.67 -0.11 0.00	34.36 -0.10 0.00	28.90 -0.03 0.00	25.23 -0.03 0.00	22.76 -0.02 0.00
NEG MILLWOOD___DRP 24198	21.75 1.33 0.00	20.05 1.19 0.00	20.08 1.17 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.41 1.17 0.00	31.21 1.77 0.00	35.29 2.06 0.00	31.40 2.03 0.00	28.51 1.84 0.00	28.29 1.83 0.00	28.20 1.80 0.00	29.33 1.97 0.00	31.63 2.07 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.45 3.14 0.00	55.27 4.10 0.02	46.71 3.42 0.00	39.58 2.80 0.00	37.05 2.58 0.00	30.96 2.03 0.00	26.92 1.67 0.00	24.15 1.37 0.00
NEG NORTH_FLCN_SEA 23793	20.20 -0.22 0.00	18.60 -0.26 0.00	18.37 -0.53 0.01	13.59 -0.58 3.91	9.96 -0.70 8.86	-6.95 -0.69 26.50	-6.80 -0.85 35.38	-7.29 -1.16 39.36	-7.03 -1.06 35.35	-7.26 -0.96 32.96	-7.26 -0.93 32.79	-7.26 -0.92 32.73	-7.23 -0.93 33.66	-7.22 -1.03 35.74	-7.19 -1.05 37.00	0.07 -1.25 32.58	34.65 -1.34 2.32	34.65 -1.64 14.91	-6.54 -1.21 48.62	-7.04 -1.25 42.57	-7.14 -1.10 40.50	15.71 -0.81 12.41	0.10 -0.73 24.42	0.12 -0.68 21.98
NEG NORTH_KES_CHATEGAY 23792	19.99 -0.43 0.00	18.43 -0.43 0.00	18.24 -0.66 0.01	13.63 -0.72 3.73	10.25 -0.84 8.43	-8.16 -0.85 27.54	-7.67 -1.09 36.02	-9.84 -1.20 41.88	-7.72 -1.09 36.00	-9.46 -0.99 35.14	-9.47 -0.98 34.95	-9.47 -0.98 34.90	-9.51 -0.98 35.88	-9.64 -1.09 38.10	-9.73 -1.14 39.45	-2.11 -1.29 34.73	34.50 -1.34 2.47	33.74 -1.69 15.77	-9.80 -1.26 51.83	-8.08 -1.25 43.61	-9.14 -1.14 42.46	16.07 -1.04 11.82	-1.69 -0.91 26.03	-1.50 -0.84 23.43
NEG NORTH___ALICE_FALLS 23915	20.22 -0.20 0.00	18.61 -0.25 0.00	18.41 -0.49 0.01	13.66 -0.54 3.88	10.09 -0.64 8.79	-6.99 -0.57 26.66	-6.69 -0.65 35.49	-7.39 -0.86 39.76	-6.87 -0.79 35.45	-7.39 -0.75 33.31	-7.36 -0.69 33.13	-7.39 -0.71 33.08	-7.37 -0.71 34.01	-7.35 -0.80 36.11	-7.33 -0.80 37.39	0.00 -0.98 32.92	34.93 -1.03 2.34	34.98 -1.18 15.05	-6.62 -0.78 49.13	-6.87 -0.92 42.73	-7.14 -0.79 40.81	15.92 -0.69 12.32	0.00 -0.58 24.68	0.00 -0.57 22.21
NEG NORTH___LWR_SARANAC 23913	20.22 -0.20 0.00	18.61 -0.25 0.00	18.41 -0.49 0.01	13.66 -0.54 3.88	10.09 -0.64 8.79	-6.99 -0.57 26.66	-6.69 -0.65 35.49	-7.39 -0.86 39.76	-6.87 -0.79 35.45	-7.39 -0.75 33.31	-7.36 -0.69 33.13	-7.39 -0.71 33.08	-7.37 -0.71 34.01	-7.35 -0.80 36.11	-7.33 -0.80 37.39	0.00 -0.98 32.92	34.93 -1.03 2.34	34.98 -1.18 15.05	-6.62 -0.78 49.13	-6.87 -0.92 42.73	-7.14 -0.79 40.81	15.92 -0.69 12.32	0.00 -0.58 24.68	0.00 -0.57 22.21
NEG NORTH___PLATTSBURG 23628	20.22 -0.20 0.00	18.61 -0.25 0.00	18.41 -0.49 0.01	13.66 -0.54 3.88	10.09 -0.64 8.79	-6.99 -0.57 26.66	-6.69 -0.65 35.49	-7.39 -0.86 39.76	-6.87 -0.79 35.45	-7.39 -0.75 33.31	-7.36 -0.69 33.13	-7.39 -0.71 33.08	-7.37 -0.71 34.01	-7.35 -0.80 36.11	-7.33 -0.80 37.39	0.00 -0.98 32.92	34.94 -1.03 2.34	34.98 -1.18 15.05	-6.62 -0.78 49.13	-6.87 -0.92 42.73	-7.14 -0.79 40.81	15.92 -0.69 12.32	0.00 -0.58 24.68	0.00 -0.57 22.21
NEG WEST_LEA_LOCKPORT 23791	18.99 -1.43 0.00	17.43 -1.43 0.00	17.34 -1.57 0.00	16.65 -1.43 0.00	18.12 -1.41 0.00	19.04 -1.19 0.00	27.38 -2.06 0.00	30.41 -2.82 0.00	26.52 -2.85 0.00	24.08 -2.59 0.00	24.13 -2.33 0.00	24.13 -2.27 0.00	24.62 -2.74 0.00	26.84 -2.72 0.00	27.68 -3.18 0.00	29.56 -4.34 0.00	33.25 -5.06 0.00	41.83 -7.01 2.35	37.66 -5.63 0.00	32.10 -4.67 0.00	30.57 -3.89 0.00	26.27 -2.66 0.00	23.11 -2.15 0.00	21.50 -1.28 0.00
NEG WEST___LANCASTER 23811	19.89 -0.53 0.00	18.26 -0.60 0.00	18.17 -0.74 0.00	17.47 -0.61 0.00	18.97 -0.55 0.00	19.97 -0.26 0.00	28.79 -0.65 0.00	31.84 -1.40 0.00	27.70 -1.67 0.00	25.09 -1.57 0.00	25.11 -1.35 0.00	25.11 -1.29 0.00	25.66 -1.70 0.00	27.93 -1.63 0.00	28.85 -2.01 0.00	31.39 -2.51 0.01	35.74 -2.57 0.01	46.00 -3.43 1.76	40.30 -2.99 0.01	34.31 -2.46 0.01	31.98 -2.48 0.00	27.31 -1.62 0.00	24.05 -1.21 0.00	22.46 -0.32 0.00
NEG_PENN_ALLEGHNY 23528	20.46 0.04 0.00	18.88 0.02 0.00	18.89 -0.02 0.00	18.10 0.02 0.00	19.58 0.06 0.00	20.38 0.14 0.00	29.71 0.26 0.00	33.43 0.20 0.00	29.37 0.00 0.00	26.67 0.00 0.00	26.46 0.00 0.00	26.43 0.03 0.00	27.30 -0.05 0.00	29.50 -0.06 0.00	30.80 -0.06 0.00	33.70 -0.20 0.00	38.12 -0.19 0.00	51.19 -0.25 -0.25	43.08 -0.22 0.00	36.63 -0.15 0.00	34.29 -0.17 0.00	28.90 -0.03 0.00	25.28 0.03 0.00	22.87 0.09 0.00
NEG___GEN_MONROE 24207	19.46 -0.96 0.00	17.90 -0.96 0.00	17.87 -1.04 0.00	17.12 -0.96 0.00	18.60 -0.92 0.00	19.49 -0.75 0.00	28.23 -1.21 0.00	31.70 -1.53 0.00	27.73 -1.64 0.00	25.15 -1.52 0.00	25.11 -1.35 0.00	25.06 -1.35 0.00	25.71 -1.64 0.00	27.93 -1.63 0.00	29.01 -1.85 0.00	31.13 -2.78 0.00	35.09 -3.22 0.00	44.26 -4.35 2.59	39.83 -3.46 0.00	34.06 -2.72 0.00	32.19 -2.27 0.00	27.40 -1.53 0.00	23.94 -1.31 0.00	21.94 -0.84 0.00

NEPA__ENERGY 23901	19.26 -1.16 0.00	17.65 -1.21 0.00	17.57 -1.34 0.00	16.87 -1.21 0.00	18.37 -1.15 0.00	19.33 -0.91 0.00	27.88 -1.56 0.00	31.04 -2.19 0.00	27.02 -2.35 0.00	24.53 -2.13 0.00	24.58 -1.88 0.00	24.61 -1.80 0.00	25.09 -2.27 0.00	27.37 -2.19 0.00	28.17 -2.68 0.00	30.27 -3.63 0.01	34.17 -4.14 0.01	43.47 -5.79 1.95	39.69 -3.59 0.01	33.91 -2.87 0.01	31.88 -2.58 0.00	27.22 -1.71 0.00	23.97 -1.29 0.00	22.19 -0.59 0.00
NEVERSink__HYD 23608	21.53 1.10 0.00	19.84 0.98 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.52 1.00 0.00	21.29 1.05 0.00	31.03 1.59 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.19 1.52 0.00	27.89 1.43 0.00	27.77 1.37 0.00	28.91 1.56 0.00	31.15 1.59 0.00	32.59 1.73 0.00	36.11 2.20 0.00	40.95 2.64 0.00	54.66 3.48 0.02	46.19 2.90 0.00	39.17 2.39 0.00	36.67 2.21 0.00	30.64 1.71 0.00	26.70 1.44 0.00	23.96 1.18 0.00
NEWKRMKL_115KV_TB1 55635	21.30 0.88 0.00	19.69 0.83 0.00	19.76 0.85 0.00	18.88 0.80 0.00	20.36 0.84 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.66 1.43 0.00	30.70 1.32 0.00	27.81 1.15 0.00	27.57 1.11 0.00	27.51 1.11 0.00	28.50 1.15 0.00	30.83 1.27 0.00	32.25 1.39 0.00	35.57 1.66 0.00	40.19 1.88 0.00	53.76 2.56 0.00	45.37 2.08 0.00	38.58 1.80 0.00	36.08 1.62 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.74 0.96 0.00
NEWTON__FALLS_HYD 23847	20.55 0.12 0.00	19.12 0.26 0.00	19.00 0.09 0.00	17.06 0.09 1.11	17.15 0.14 2.50	27.82 0.26 -7.32	35.14 0.79 -4.90	51.27 1.00 -17.04	35.01 0.65 -4.99	42.02 0.64 -14.71	41.67 0.58 -14.63	41.54 0.53 -14.61	42.90 0.52 -15.02	45.89 0.38 -15.95	47.77 0.40 -16.51	48.85 0.41 -14.54	40.11 0.77 -1.03	58.64 1.59 -5.86	66.64 1.65 -21.70	45.41 0.96 -7.67	49.00 1.03 -13.50	26.09 0.67 3.51	36.64 0.48 -10.90	32.91 0.32 -9.81
NGRID_A1_DSASP 323792	18.77 -1.65 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.49 -1.59 0.00	17.92 -1.60 0.00	18.80 -1.44 0.00	26.97 -2.47 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.79 -2.88 0.00	23.74 -2.72 0.00	23.74 -2.67 0.00	24.21 -3.14 0.00	26.36 -3.19 0.00	27.22 -3.64 0.00	28.92 -4.98 0.01	32.52 -5.79 0.01	40.79 -7.99 2.43	36.88 -6.41 0.01	31.44 -5.33 0.01	30.02 -4.45 0.00	25.81 -3.13 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
NGRID_A2_DSASP 323793	18.77 -1.65 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.49 -1.59 0.00	17.92 -1.60 0.00	18.80 -1.44 0.00	26.97 -2.47 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.79 -2.88 0.00	23.74 -2.72 0.00	23.74 -2.67 0.00	24.21 -3.14 0.00	26.36 -3.19 0.00	27.22 -3.64 0.00	28.92 -4.98 0.01	32.52 -5.79 0.01	40.79 -7.99 2.43	36.88 -6.41 0.01	31.44 -5.33 0.01	30.02 -4.45 0.00	25.81 -3.13 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
NGRID_A4_DSASP 323807	18.77 -1.65 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.49 -1.59 0.00	17.92 -1.60 0.00	18.80 -1.44 0.00	26.97 -2.47 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.79 -2.88 0.00	23.74 -2.72 0.00	23.74 -2.67 0.00	24.21 -3.14 0.00	26.36 -3.19 0.00	27.22 -3.64 0.00	28.92 -4.98 0.01	32.52 -5.79 0.01	40.79 -7.99 2.43	36.88 -6.41 0.01	31.44 -5.33 0.01	30.02 -4.45 0.00	25.81 -3.13 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
NIAGARA_115E_LBMP 323715	18.67 -1.76 0.00	17.14 -1.72 0.00	17.08 -1.83 0.00	16.38 -1.70 0.00	17.82 -1.70 0.00	18.72 -1.52 0.00	26.91 -2.53 0.00	29.77 -3.46 0.00	26.02 -3.35 0.00	23.73 -2.93 0.00	23.65 -2.81 0.00	23.66 -2.75 0.00	24.16 -3.20 0.00	26.31 -3.25 0.00	27.12 -3.74 0.00	28.88 -5.02 0.01	32.48 -5.82 0.01	40.81 -8.04 2.35	36.84 -6.45 0.01	31.44 -5.33 0.01	29.98 -4.48 0.00	25.75 -3.18 0.00	22.68 -2.58 0.00	21.14 -1.64 0.00
NIAGARA_115W_LBMP 323714	18.73 -1.69 0.00	17.22 -1.64 0.00	17.15 -1.76 0.00	16.45 -1.63 0.00	17.90 -1.62 0.00	18.76 -1.48 0.00	26.94 -2.50 0.00	29.77 -3.46 0.00	26.02 -3.35 0.00	23.76 -2.91 0.00	23.68 -2.78 0.00	23.68 -2.72 0.00	24.16 -3.20 0.00	26.31 -3.25 0.00	27.16 -3.70 0.00	28.88 -5.02 0.01	32.44 -5.86 0.01	40.67 -8.09 2.44	36.79 -6.49 0.01	31.40 -5.37 0.01	29.98 -4.48 0.00	25.78 -3.15 0.00	22.71 -2.55 0.00	21.16 -1.62 0.00
NIAGARA_230_LBMP 323716	18.91 -1.51 0.00	17.37 -1.49 0.00	17.30 -1.61 0.00	16.60 -1.48 0.00	18.06 -1.46 0.00	18.94 -1.30 0.00	27.23 -2.21 0.00	30.11 -3.13 0.00	26.35 -3.02 0.00	24.00 -2.67 0.00	23.95 -2.51 0.00	23.95 -2.45 0.00	24.43 -2.93 0.00	26.57 -2.98 0.00	27.46 -3.39 0.00	29.22 -4.68 0.01	32.90 -5.40 0.01	41.23 -7.42 2.54	37.31 -5.97 0.01	31.85 -4.93 0.01	30.36 -4.10 0.00	26.07 -2.86 0.00	22.96 -2.30 0.00	21.35 -1.43 0.00
NIAGARA__115KV_198_GIBSON 55903	18.75 -1.67 0.00	17.22 -1.64 0.00	17.13 -1.78 0.00	16.45 -1.63 0.00	17.90 -1.62 0.00	18.76 -1.48 0.00	26.91 -2.53 0.00	29.77 -3.46 0.00	26.03 -3.35 0.00	23.63 -3.04 0.00	23.68 -2.78 0.00	23.68 -2.72 0.00	24.13 -3.23 0.00	26.31 -3.25 0.00	27.13 -3.73 0.00	28.92 -4.98 0.01	32.44 -5.86 0.01	40.62 -8.14 2.44	36.79 -6.49 0.01	31.37 -5.41 0.01	29.95 -4.51 0.00	25.78 -3.15 0.00	22.71 -2.55 0.00	21.16 -1.62 0.00
NIAGARA____ 23760	18.91 -1.51 0.00	17.37 -1.49 0.00	17.30 -1.61 0.00	16.60 -1.48 0.00	18.06 -1.46 0.00	18.94 -1.30 0.00	27.23 -2.21 0.00	30.11 -3.13 0.00	26.35 -3.02 0.00	24.00 -2.67 0.00	23.95 -2.51 0.00	23.95 -2.45 0.00	24.43 -2.93 0.00	26.57 -2.98 0.00	27.46 -3.39 0.00	29.22 -4.68 0.01	32.90 -5.40 0.01	41.30 -7.42 2.47	37.31 -5.97 0.01	31.85 -4.93 0.01	30.36 -4.10 0.00	26.07 -2.86 0.00	22.96 -2.30 0.00	21.35 -1.43 0.00
NINE_MILE_1 23575	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.81 -0.85 0.00	25.61 -0.85 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.98 -0.95 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
NINE_MILE_2 23744	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.81 -0.85 0.00	25.61 -0.85 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.98 -0.95 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
NM_CAPITAL__DRP 24208	21.28 0.86 0.00	19.67 0.81 0.00	19.74 0.83 0.00	18.86 0.78 0.00	20.36 0.84 0.00	21.11 0.87 0.00	30.68 1.24 0.00	34.63 1.40 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.54 1.08 0.00	27.48 1.08 0.00	28.48 1.12 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.66 2.46 0.00	45.33 2.03 0.00	38.51 1.73 0.00	36.01 1.55 0.00	30.20 1.27 0.00	26.32 1.06 0.00	23.71 0.93 0.00

NM_CENTRAL___DRP 24181	20.10 -0.33 0.00	18.54 -0.32 0.00	18.59 -0.32 0.00	17.77 -0.31 0.00	19.23 -0.29 0.00	19.97 -0.26 0.00	29.12 -0.32 0.00	32.87 -0.37 0.00	28.96 -0.41 0.00	26.32 -0.35 0.00	26.12 -0.34 0.00	26.09 -0.32 0.00	26.97 -0.38 0.00	29.17 -0.38 0.00	30.43 -0.43 0.00	33.30 -0.61 0.00	37.58 -0.73 0.00	50.18 -1.02 0.00	42.47 -0.82 0.00	36.08 -0.70 0.00	33.88 -0.59 0.00	28.50 -0.43 0.00	24.88 -0.38 0.00	22.46 -0.32 0.00
NM_FRONTIER___DRP 24179	18.75 -1.67 0.00	17.22 -1.64 0.00	17.13 -1.78 0.00	16.45 -1.63 0.00	17.90 -1.62 0.00	18.76 -1.48 0.00	26.91 -2.53 0.00	29.77 -3.46 0.00	26.03 -3.35 0.00	23.63 -3.04 0.00	23.68 -2.78 0.00	23.68 -2.72 0.00	24.13 -3.23 0.00	26.31 -3.25 0.00	27.13 -3.73 0.00	28.92 -4.98 0.01	32.44 -5.86 0.01	40.62 -8.14 2.44	36.79 -6.49 0.01	31.37 -5.41 0.01	29.95 -4.51 0.00	25.78 -3.15 0.00	22.71 -2.55 0.00	21.16 -1.62 0.00
NM_ST_REGIS___HYD 24053	20.59 0.16 0.00	19.12 0.26 0.00	18.94 0.04 0.00	16.07 0.00 2.01	14.98 0.02 4.56	32.82 0.16 -12.42	38.11 0.65 -8.02	63.40 0.86 -29.30	38.04 0.50 -8.17	52.46 0.48 -25.31	52.09 0.45 -25.18	51.93 0.40 -25.13	53.58 0.38 -25.85	57.26 0.27 -27.44	59.55 0.28 -28.41	59.16 0.24 -25.02	40.66 0.57 -1.78	62.63 1.38 -10.05	82.14 1.52 -37.34	50.35 0.81 -12.76	58.42 0.90 -23.06	23.09 0.55 6.39	44.39 0.38 -18.75	39.91 0.25 -16.88
NORTHPORT___1 23551	22.02 1.59 0.00	20.22 1.36 0.00	20.14 1.23 0.00	19.16 1.08 0.00	20.69 1.17 0.00	21.53 1.30 0.00	30.62 1.18 0.00	33.83 0.60 0.00	31.05 1.67 0.00	28.53 1.87 0.00	28.23 1.77 0.00	28.20 1.80 0.00	29.46 2.11 0.00	31.33 1.77 0.00	32.31 1.45 0.00	35.74 1.83 0.00	41.18 2.87 0.00	58.07 3.53 -3.35	46.24 2.95 0.00	39.35 2.57 0.00	36.67 2.21 0.00	31.87 2.20 -0.74	27.35 2.10 0.00	24.44 1.66 0.00
NORTHPORT___2 23552	22.02 1.59 0.00	20.22 1.36 0.00	20.14 1.23 0.00	19.16 1.08 0.00	20.69 1.17 0.00	21.53 1.30 0.00	30.62 1.18 0.00	33.83 0.60 0.00	31.05 1.67 0.00	28.53 1.87 0.00	28.23 1.77 0.00	28.20 1.80 0.00	29.46 2.11 0.00	31.33 1.77 0.00	32.31 1.45 0.00	35.74 1.83 0.00	41.18 2.87 0.00	58.07 3.53 -3.35	46.24 2.95 0.00	39.35 2.57 0.00	36.67 2.21 0.00	31.87 2.20 -0.74	27.35 2.10 0.00	24.44 1.66 0.00
NORTHPORT___3 23553	22.24 1.82 0.00	20.42 1.56 0.00	20.37 1.46 0.00	19.40 1.32 0.00	20.93 1.41 0.00	21.77 1.54 0.00	31.21 1.77 0.00	34.83 1.60 0.00	31.64 2.26 0.00	28.93 2.27 0.00	28.68 2.22 0.00	28.65 2.24 0.00	29.87 2.52 0.00	31.95 2.39 0.00	33.11 2.25 0.00	36.65 2.75 0.00	42.10 3.79 0.00	59.42 4.87 -3.35	47.41 4.11 0.00	40.24 3.46 0.00	37.50 3.03 0.00	32.42 2.75 -0.74	27.63 2.37 0.00	24.74 1.96 0.00
NORTHPORT___4 23650	22.24 1.82 0.00	20.42 1.56 0.00	20.37 1.46 0.00	19.40 1.32 0.00	20.93 1.41 0.00	21.77 1.54 0.00	31.21 1.77 0.00	34.83 1.60 0.00	31.64 2.26 0.00	28.93 2.27 0.00	28.68 2.22 0.00	28.65 2.24 0.00	29.87 2.52 0.00	31.95 2.39 0.00	33.11 2.25 0.00	36.65 2.75 0.00	42.10 3.79 0.00	59.42 4.87 -3.35	47.41 4.11 0.00	40.24 3.46 0.00	37.50 3.03 0.00	32.42 2.75 -0.74	27.63 2.37 0.00	24.74 1.96 0.00
NORTHPORT___IC 23718	22.04 1.61 0.00	20.26 1.40 0.00	20.18 1.27 0.00	19.27 1.19 0.00	20.69 1.17 0.00	21.53 1.30 0.00	30.77 1.32 0.00	33.83 0.60 0.00	31.11 1.73 0.00	28.67 2.00 0.00	28.23 1.77 0.00	28.20 1.80 0.00	29.46 2.11 0.00	31.36 1.80 0.00	32.34 1.48 0.00	35.74 1.83 0.00	41.18 2.87 0.00	58.08 3.53 -3.35	46.24 2.94 0.00	39.35 2.57 0.00	36.67 2.21 0.00	31.87 2.20 -0.74	27.35 2.10 0.00	24.44 1.66 0.00
NORTH___COUNTRY_ESR 323785	19.95 -0.47 0.00	18.39 -0.47 0.00	18.20 -0.70 0.01	13.60 -0.76 3.72	10.22 -0.88 8.42	-8.22 -0.89 27.57	-7.77 -1.18 36.04	-10.00 -1.30 41.93	-7.82 -1.18 36.02	-9.59 -1.07 35.19	-9.58 -1.03 35.00	-9.57 -1.03 34.94	-9.62 -1.04 35.93	-9.75 -1.15 38.15	-9.85 -1.20 39.50	-2.27 -1.39 34.78	34.38 -1.46 2.47	33.57 -1.84 15.79	-10.00 -1.39 51.90	-8.22 -1.36 43.64	-9.29 -1.24 42.51	15.99 -1.13 11.81	-1.82 -1.01 26.07	-1.60 -0.91 23.47
NPX_GEN_1385_PROXY 323591	22.16 1.74 0.00	20.35 1.49 0.00	20.18 1.27 0.00	19.18 1.10 0.00	20.83 1.31 0.00	21.67 1.44 0.00	30.83 1.38 0.00	34.44 0.93 -0.28	30.89 1.79 0.28	28.67 2.00 0.00	28.15 1.69 0.00	28.09 1.69 0.00	29.35 2.00 0.00	31.24 1.68 0.00	32.31 1.45 0.00	35.97 2.07 0.00	41.45 3.14 0.00	57.70 3.33 -3.18	46.53 3.07 -0.17	39.57 2.79 0.00	36.91 2.45 0.00	31.99 2.32 -0.74	27.43 2.17 0.00	24.35 1.57 0.00
NPX_GEN_CSC 323557	22.28 1.86 0.00	20.46 1.60 0.00	20.27 1.36 0.00	19.38 1.30 0.00	20.81 1.29 0.00	21.67 1.44 0.00	30.74 1.29 0.00	34.41 0.90 -0.28	31.00 1.91 0.28	28.56 1.89 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.69 2.13 0.00	32.77 1.91 0.00	36.35 2.44 0.00	42.06 3.76 0.00	59.20 4.76 -3.24	47.53 4.07 -0.17	40.20 3.42 0.00	37.43 2.96 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
NSINS_S__GLNS_FALLS 23858	21.32 0.90 0.00	19.73 0.87 0.00	19.74 0.83 0.00	18.84 0.76 0.00	20.36 0.84 0.00	21.25 1.01 0.00	30.91 1.47 0.00	34.79 1.56 0.00	30.78 1.41 0.00	27.89 1.23 0.00	27.62 1.16 0.00	27.48 1.08 0.00	28.50 1.15 0.00	30.77 1.21 0.00	32.22 1.36 0.00	35.60 1.70 0.00	40.26 1.95 0.00	54.01 2.82 0.00	45.54 2.25 0.00	38.69 1.91 0.00	36.12 1.65 0.00	30.26 1.33 0.00	26.39 1.14 0.00	24.24 1.46 0.00
NUCOR_STEEL___DRP 24197	20.28 -0.14 0.00	18.69 -0.17 0.00	18.74 -0.17 0.00	17.94 -0.14 0.00	19.40 -0.12 0.00	20.18 -0.06 0.00	29.47 0.03 0.00	33.20 -0.03 0.00	29.40 0.03 0.00	26.72 0.05 0.00	26.49 0.03 0.00	26.46 0.05 0.00	27.36 0.00 0.00	29.59 0.03 0.00	30.89 0.03 0.00	33.74 -0.17 0.00	38.16 -0.15 0.00	52.32 -0.15 -1.28	43.16 -0.13 0.00	36.67 -0.11 0.00	34.36 -0.10 0.00	28.90 -0.03 0.00	25.26 0.00 0.00	22.78 0.00 0.00
NUMBER_THREE_WT_PWR 323818	20.51 0.08 0.00	19.07 0.21 0.00	19.00 0.10 0.00	17.83 0.13 0.38	18.84 0.18 0.86	23.83 0.24 -3.35	32.65 0.68 -2.53	41.52 0.86 -7.43	32.52 0.59 -2.56	33.68 0.61 -6.40	33.38 0.56 -6.36	33.26 0.50 -6.35	34.35 0.46 -6.53	36.91 0.41 -6.94	38.44 0.40 -7.18	40.67 0.44 -6.32	39.48 0.73 -0.45	55.16 1.38 -2.58	54.07 1.34 -9.44	41.34 0.81 -3.75	41.36 0.86 -6.04	28.31 0.58 1.20	30.43 0.43 -4.74	27.32 0.27 -4.27
NYISO_LBMP_REFERENCE 24008	20.42 0.00 0.00	18.86 0.00 0.00	18.91 0.00 0.00	18.08 0.00 0.00	19.52 0.00 0.00	20.24 0.00 0.00	29.44 0.00 0.00	33.23 0.00 0.00	29.37 0.00 0.00	26.67 0.00 0.00	26.46 0.00 0.00	26.40 0.00 0.00	27.36 0.00 0.00	29.56 0.00 0.00	30.86 0.00 0.00	33.91 0.00 0.00	38.31 0.00 0.00	51.20 0.00 0.00	43.29 0.00 0.00	36.78 0.00 0.00	34.46 0.00 0.00	28.93 0.00 0.00	25.26 0.00 0.00	22.78 0.00 0.00

NYPA_BRENTWD____GT 24164	22.26 1.84 0.00	20.42 1.56 0.00	20.33 1.42 0.00	19.36 1.28 0.00	20.89 1.37 0.00	21.75 1.52 0.00	30.97 1.53 0.00	34.33 1.10 0.00	31.43 2.06 0.00	28.83 2.16 0.00	28.53 2.07 0.00	28.49 2.09 0.00	29.76 2.41 0.00	31.74 2.19 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.79 3.49 0.00	59.11 4.45 -3.46	46.97 3.68 0.00	39.90 3.12 0.00	37.29 2.83 0.00	32.33 2.66 -0.74	27.63 2.37 0.00	24.72 1.94 0.00
NYPA_GOWANUS____GT5 24156	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NYPA_GOWANUS____GT6 24157	22.07 1.63 -0.01	20.30 1.43 -0.01	20.32 1.40 -0.01	19.37 1.28 -0.01	20.94 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.80 2.25 0.00	33.17 2.32 0.00	36.85 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.76 2.98 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.04 0.00	24.54 1.75 -0.01
NYPA_HARLEM__RVR__GT1 24160	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.49 1.26 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.39 2.03 0.01	28.45 1.79 0.01	28.28 1.82 0.01	28.21 1.82 0.01	29.34 2.00 0.01	31.65 2.10 0.01	33.01 2.16 0.01	36.64 2.75 0.01	41.37 3.07 0.01	55.27 4.10 0.03	46.62 3.33 0.01	39.60 2.83 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
NYPA_HARLEM__RVR__GT2 24161	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.49 1.26 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.39 2.03 0.01	28.45 1.79 0.01	28.28 1.82 0.01	28.21 1.82 0.01	29.34 2.00 0.01	31.65 2.10 0.01	33.01 2.16 0.01	36.64 2.75 0.01	41.37 3.07 0.01	55.27 4.10 0.03	46.62 3.33 0.01	39.60 2.83 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
NYPA_KENT____GT 24152	22.00 1.57 0.00	20.24 1.38 0.00	20.24 1.32 0.00	19.30 1.21 0.00	20.85 1.33 0.00	21.61 1.38 0.00	31.41 1.97 0.00	35.49 2.26 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.14 2.28 0.00	36.82 2.92 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.22 2.76 0.00	31.07 2.14 0.00	27.23 1.97 0.00	24.47 1.69 0.00
NYPA_POUCH1____GT 24155	22.13 1.69 -0.01	20.38 1.51 -0.01	20.37 1.46 -0.01	19.44 1.36 -0.01	20.99 1.46 -0.01	21.75 1.52 0.00	31.53 2.09 0.00	35.56 2.33 0.00	31.46 2.09 0.00	28.48 1.81 0.00	28.31 1.85 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.82 2.92 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.22 2.76 0.00	31.13 2.20 0.00	27.35 2.10 0.00	24.61 1.82 -0.01
NYPA_VERNON____GT2 24162	21.91 1.49 0.00	20.18 1.32 0.00	20.18 1.27 0.00	19.24 1.16 0.00	20.79 1.27 0.00	21.55 1.31 0.00	31.35 1.91 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.11 2.25 0.00	36.79 2.88 0.00	41.53 3.22 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.15 2.69 0.00	31.02 2.08 0.00	27.15 1.90 0.00	24.38 1.59 0.00
NYPA_VERNON____GT3 24163	21.91 1.49 0.00	20.18 1.32 0.00	20.18 1.27 0.00	19.24 1.16 0.00	20.79 1.27 0.00	21.55 1.31 0.00	31.35 1.91 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.11 2.25 0.00	36.79 2.88 0.00	41.53 3.22 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.15 2.69 0.00	31.02 2.08 0.00	27.15 1.90 0.00	24.38 1.59 0.00
NYPA__ASTORIA_CC1 323568	21.89 1.47 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.30 1.86 0.00	35.39 2.16 0.00	31.46 2.09 0.00	28.50 1.84 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.90 0.00	37.12 2.65 0.00	30.96 2.02 0.00	27.13 1.87 0.00	24.35 1.57 0.00
NYPA__ASTORIA_CC2 323569	21.89 1.47 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.30 1.86 0.00	35.39 2.16 0.00	31.46 2.09 0.00	28.50 1.84 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.72 2.81 0.00	41.45 3.14 0.00	55.38 4.20 0.02	46.67 3.38 0.00	39.69 2.90 0.00	37.12 2.65 0.00	30.96 2.02 0.00	27.13 1.87 0.00	24.35 1.57 0.00
NYPA__HOLTSVILL 23794	22.16 1.74 0.00	20.37 1.51 0.00	20.25 1.34 0.00	19.29 1.21 0.00	20.81 1.29 0.00	21.65 1.42 0.00	30.74 1.29 0.00	34.09 0.86 0.00	31.23 1.85 0.00	28.59 1.92 0.00	28.26 1.80 0.00	28.22 1.82 0.00	29.54 2.19 0.00	31.54 1.98 0.00	32.62 1.76 0.00	36.11 2.20 0.00	41.68 3.37 0.00	58.90 4.30 -3.40	46.84 3.55 0.00	39.80 3.02 0.00	37.08 2.62 0.00	32.16 2.49 -0.74	27.53 2.27 0.00	24.62 1.84 0.00
NYPA__HELLGATE_GT1 24158	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.49 1.26 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.39 2.03 0.01	28.45 1.79 0.01	28.28 1.82 0.01	28.21 1.82 0.01	29.34 2.00 0.01	31.65 2.10 0.01	33.01 2.16 0.01	36.64 2.75 0.01	41.37 3.07 0.01	55.21 4.04 0.03	46.57 3.29 0.01	39.57 2.79 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
NYPA__HELLGATE_GT2 24159	21.93 1.51 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.20 1.12 0.00	20.77 1.25 0.00	21.49 1.26 0.00	31.24 1.80 0.00	35.29 2.06 0.00	31.39 2.03 0.01	28.45 1.79 0.01	28.28 1.82 0.01	28.21 1.82 0.01	29.34 2.00 0.01	31.65 2.10 0.01	33.01 2.16 0.01	36.64 2.75 0.01	41.37 3.07 0.01	55.21 4.04 0.03	46.57 3.29 0.01	39.57 2.79 0.01	37.04 2.59 0.01	30.86 1.94 0.01	27.10 1.84 0.00	24.37 1.59 0.00
NYS_BARGE__HYD 23848	18.97 -1.45 0.00	17.41 -1.45 0.00	17.34 -1.57 0.00	16.63 -1.45 0.00	18.12 -1.41 0.00	19.04 -1.19 0.00	27.41 -2.03 0.00	30.41 -2.82 0.00	26.55 -2.82 0.00	24.21 -2.45 0.00	24.13 -2.33 0.00	24.16 -2.24 0.00	24.65 -2.71 0.00	26.87 -2.69 0.00	27.71 -3.15 0.00	29.53 -4.37 0.00	33.25 -5.06 0.00	41.87 -6.96 2.37	37.70 -5.58 0.00	32.18 -4.60 0.00	30.60 -3.86 0.00	26.27 -2.66 0.00	23.14 -2.12 0.00	21.51 -1.28 0.00

OAK ORCHARD___HYD 24046	19.46 -0.96 0.00	17.92 -0.94 0.00	17.89 -1.02 0.00	17.14 -0.94 0.00	18.60 -0.92 0.00	19.47 -0.77 0.00	28.26 -1.18 0.00	31.77 -1.46 0.00	27.85 -1.53 0.00	25.28 -1.39 0.00	25.16 -1.30 0.00	25.14 -1.27 0.00	25.85 -1.50 0.00	28.05 -1.51 0.00	29.19 -1.67 0.00	31.33 -2.58 0.00	35.40 -2.91 0.00	44.66 -3.94 2.60	40.13 -3.16 0.00	34.24 -2.54 0.00	32.33 -2.14 0.00	27.49 -1.45 0.00	24.02 -1.24 0.00	21.94 -0.84 0.00
OAKDALE___35_KV_LOAD 356122	20.42 0.00 0.00	18.82 -0.04 0.00	18.85 -0.06 0.00	18.06 -0.02 0.00	19.54 0.02 0.00	20.32 0.08 0.00	29.59 0.15 0.00	33.30 0.07 0.00	29.29 -0.09 0.00	26.56 -0.11 0.00	26.38 -0.08 0.00	26.32 -0.08 0.00	27.19 -0.16 0.00	29.41 -0.15 0.00	30.67 -0.19 0.00	33.57 -0.34 0.00	38.00 -0.31 0.00	50.99 -0.46 -0.25	42.90 -0.39 0.00	36.49 -0.29 0.00	34.19 -0.28 0.00	28.79 -0.14 0.00	25.21 -0.05 0.00	22.80 0.02 0.00
OCC_CHEM___DRP 24175	18.79 -1.63 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.78 -1.46 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.68 -2.99 0.00	23.73 -2.73 0.00	23.74 -2.67 0.00	24.18 -3.17 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.98 -4.92 0.01	32.52 -5.78 0.01	40.73 -8.04 2.43	36.88 -6.41 0.01	31.40 -5.37 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
OH_GEN_PROXY 24063	18.68 -1.47 0.27	17.41 -1.45 0.00	16.47 -1.57 0.87	15.93 -1.43 0.72	18.10 -1.42 0.00	18.98 -1.25 0.00	27.32 -2.12 0.00	30.52 -2.99 -0.28	26.16 -2.94 0.28	24.08 -2.59 0.00	24.00 -2.46 0.00	24.00 -2.40 0.00	24.51 -2.85 0.00	26.66 -2.90 0.00	25.60 -3.30 1.96	29.39 -4.51 0.01	33.09 -5.21 0.01	41.51 -7.12 2.57	37.74 -5.72 -0.16	32.03 -4.74 0.01	29.93 -3.96 0.57	26.15 -2.78 0.00	23.03 -2.22 0.00	21.39 -1.39 0.00
OLIN_CORP_DRP 24177	18.73 -1.70 0.00	17.20 -1.66 0.00	17.11 -1.80 0.00	16.42 -1.66 0.00	17.86 -1.66 0.00	18.76 -1.48 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.68 -2.99 0.00	23.73 -2.73 0.00	23.74 -2.67 0.00	24.18 -3.17 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.98 -4.92 0.01	32.59 -5.71 0.01	40.93 -7.94 2.33	36.92 -6.36 0.01	31.48 -5.30 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.76 -2.50 0.00	21.19 -1.59 0.00
OLIN_CORP_DSASP 323712	18.77 -1.65 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.49 -1.59 0.00	17.92 -1.60 0.00	18.80 -1.44 0.00	26.97 -2.47 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.79 -2.88 0.00	23.74 -2.72 0.00	23.74 -2.67 0.00	24.21 -3.14 0.00	26.36 -3.19 0.00	27.22 -3.64 0.00	28.92 -4.98 0.01	32.52 -5.79 0.01	40.79 -7.99 2.43	36.88 -6.41 0.01	31.44 -5.33 0.01	30.02 -4.45 0.00	25.81 -3.13 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
ONEIDA_HERK_LFGE 323681	20.69 0.26 0.00	19.22 0.36 0.00	19.19 0.28 0.00	18.39 0.31 0.00	19.87 0.35 0.00	22.47 0.43 -1.81	32.06 0.80 -1.82	37.63 0.96 -3.44	31.94 0.73 -1.83	30.37 0.77 -2.93	30.09 0.71 -2.92	30.03 0.71 -2.91	31.06 0.71 -2.99	33.42 0.68 -3.18	34.86 0.71 -3.29	37.58 0.78 -2.90	39.51 0.99 -0.21	53.96 1.53 -1.23	49.00 1.38 -4.33	40.14 0.95 -2.41	38.44 0.93 -3.05	29.65 0.72 0.00	28.01 0.58 -2.17	25.17 0.43 -1.95
ONEIDA___115KV_TB4 55905	20.81 0.39 0.00	19.27 0.41 0.00	19.29 0.38 0.00	18.46 0.38 0.00	19.99 0.47 0.00	21.52 0.53 -0.76	31.12 0.91 -0.77	35.74 1.06 -1.45	30.97 0.82 -0.77	28.76 0.85 -1.24	28.48 0.79 -1.23	28.42 0.79 -1.23	29.44 0.82 -1.26	31.72 0.83 -1.34	33.08 0.83 -1.39	36.01 0.88 -1.22	39.47 1.07 -0.09	53.25 1.54 -0.52	46.41 1.30 -1.82	38.75 0.96 -1.01	36.68 0.93 -1.28	29.68 0.75 0.00	26.80 0.63 -0.92	24.13 0.52 -0.82
ONONDAGA_REF_OCCRA 23987	20.18 -0.25 0.00	18.61 -0.25 0.00	18.66 -0.25 0.00	17.84 -0.24 0.00	19.31 -0.21 0.00	20.05 -0.18 0.00	29.26 -0.18 0.00	33.03 -0.20 0.00	29.11 -0.26 0.00	26.45 -0.21 0.00	26.22 -0.24 0.00	26.19 -0.21 0.00	27.08 -0.27 0.00	29.29 -0.27 0.00	30.55 -0.31 0.00	33.43 -0.47 0.00	37.77 -0.54 0.00	50.96 -0.72 -0.47	42.69 -0.61 0.00	36.30 -0.48 0.00	34.05 -0.41 0.00	28.61 -0.32 0.00	25.01 -0.25 0.00	22.55 -0.23 0.00
ONONDAGA___COGEN 23986	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.22 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.45 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.58 -0.21 0.00
ONTARIO___LFGE 23819	20.08 -0.35 0.00	18.48 -0.38 0.00	18.48 -0.43 0.00	17.70 -0.38 0.00	19.21 -0.31 0.00	20.07 -0.16 0.00	29.38 -0.06 0.00	32.90 -0.33 0.00	28.99 -0.38 0.00	26.32 -0.35 0.00	26.12 -0.34 0.00	26.06 -0.34 0.00	26.86 -0.49 0.00	29.05 -0.50 0.00	30.30 -0.55 0.00	32.79 -1.12 0.00	37.16 -1.15 0.00	64.05 -1.49 -14.34	42.08 -1.21 0.00	35.79 -0.99 0.00	33.53 -0.93 0.00	28.41 -0.52 0.00	24.85 -0.41 0.00	22.53 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	19.16 -1.27 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.80 -1.28 0.00	18.25 -1.27 0.00	19.16 -1.07 0.00	27.76 -1.68 0.00	30.90 -2.33 0.00	27.00 -2.38 0.00	24.59 -2.08 0.00	24.48 -1.98 0.00	24.48 -1.93 0.00	25.06 -2.30 0.00	27.19 -2.37 0.00	28.14 -2.72 0.00	30.34 -3.56 0.00	34.24 -4.06 0.00	44.47 -5.58 1.14	38.78 -4.50 0.00	33.02 -3.75 0.00	31.12 -3.34 0.00	26.59 -2.34 0.00	23.39 -1.87 0.00	21.62 -1.16 0.00
ORANGEVILLE___ESR 323794	19.16 -1.27 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.80 -1.28 0.00	18.25 -1.27 0.00	19.16 -1.07 0.00	27.76 -1.68 0.00	30.90 -2.33 0.00	27.00 -2.38 0.00	24.59 -2.08 0.00	24.48 -1.98 0.00	24.48 -1.93 0.00	25.06 -2.30 0.00	27.19 -2.37 0.00	28.14 -2.72 0.00	30.34 -3.56 0.00	34.24 -4.06 0.00	44.47 -5.58 1.14	38.78 -4.50 0.00	33.02 -3.75 0.00	31.12 -3.34 0.00	26.59 -2.34 0.00	23.39 -1.87 0.00	21.62 -1.16 0.00
OSWEGATCHIE___HYD 24044	20.55 0.12 0.00	19.12 0.26 0.00	19.00 0.10 0.00	17.06 0.09 1.11	17.15 0.14 2.50	27.82 0.26 -7.32	35.14 0.80 -4.90	51.27 1.00 -17.04	35.01 0.65 -4.99	42.01 0.64 -14.71	41.67 0.58 -14.63	41.54 0.53 -14.61	42.89 0.52 -15.02	45.89 0.38 -15.95	47.77 0.40 -16.51	48.85 0.41 -14.54	40.11 0.77 -1.03	58.65 1.59 -5.86	66.64 1.64 -21.70	45.41 0.95 -7.67	49.00 1.03 -13.50	26.09 0.67 3.51	36.63 0.48 -10.90	32.91 0.32 -9.81
OSWEGO___5 23606	19.87 -0.55 0.00	18.35 -0.51 0.00	18.40 -0.51 0.00	17.61 -0.47 0.00	19.03 -0.49 0.00	19.75 -0.49 0.00	28.77 -0.68 0.00	32.43 -0.80 0.00	28.61 -0.76 0.00	26.00 -0.67 0.00	25.80 -0.66 0.00	25.74 -0.66 0.00	26.64 -0.71 0.00	28.79 -0.77 0.00	30.06 -0.80 0.00	32.89 -1.02 0.00	37.16 -1.15 0.00	49.66 -1.53 0.00	42.04 -1.26 0.00	35.71 -1.07 0.00	33.50 -0.96 0.00	28.18 -0.75 0.00	24.60 -0.66 0.00	22.21 -0.57 0.00

OSWEGO___6 23613	19.87 -0.55 0.00	18.35 -0.51 0.00	18.40 -0.51 0.00	17.61 -0.47 0.00	19.03 -0.49 0.00	19.75 -0.49 0.00	28.77 -0.68 0.00	32.43 -0.80 0.00	28.61 -0.76 0.00	26.00 -0.67 0.00	25.80 -0.66 0.00	25.74 -0.66 0.00	26.64 -0.71 0.00	28.79 -0.77 0.00	30.06 -0.80 0.00	32.89 -1.02 0.00	37.16 -1.15 0.00	49.66 -1.53 0.00	42.04 -1.26 0.00	35.71 -1.07 0.00	33.50 -0.96 0.00	28.18 -0.75 0.00	24.60 -0.66 0.00	22.21 -0.57 0.00
OUTOKUMPU-AB___DRP 24206	19.18 -1.25 0.00	17.60 -1.26 0.00	17.51 -1.40 0.00	16.81 -1.27 0.00	18.29 -1.23 0.00	19.20 -1.03 0.00	27.65 -1.80 0.00	30.71 -2.53 0.00	26.82 -2.56 0.00	24.35 -2.32 0.00	24.42 -2.04 0.00	24.45 -1.95 0.00	24.89 -2.46 0.00	27.19 -2.36 0.00	27.99 -2.87 0.00	29.93 -3.97 0.01	33.67 -4.64 0.01	42.47 -6.45 2.28	38.09 -5.20 0.01	32.47 -4.30 0.01	30.88 -3.58 0.00	26.53 -2.40 0.00	23.36 -1.89 0.00	21.73 -1.05 0.00
OXBOW___BTM 323836	18.99 -1.43 0.00	17.44 -1.41 0.00	17.38 -1.53 0.00	16.67 -1.41 0.00	18.14 -1.39 0.00	19.02 -1.21 0.00	27.38 -2.06 0.00	30.34 -2.89 0.00	26.50 -2.88 0.00	24.19 -2.48 0.00	24.13 -2.33 0.00	24.16 -2.24 0.00	24.62 -2.74 0.00	26.84 -2.72 0.00	27.68 -3.18 0.00	29.49 -4.41 0.01	33.17 -5.13 0.01	41.73 -7.12 2.35	37.57 -5.72 0.01	32.03 -4.74 0.01	30.53 -3.93 0.00	26.21 -2.72 0.00	23.11 -2.15 0.00	21.51 -1.28 0.00
OXBOW____ 24026	19.01 -1.41 0.00	17.45 -1.41 0.00	17.36 -1.55 0.00	16.67 -1.41 0.00	18.14 -1.39 0.00	19.02 -1.21 0.00	27.32 -2.12 0.00	30.34 -2.89 0.00	26.50 -2.88 0.00	24.05 -2.61 0.00	24.13 -2.33 0.00	24.16 -2.24 0.00	24.59 -2.76 0.00	26.84 -2.72 0.00	27.65 -3.21 0.00	29.53 -4.37 0.01	33.17 -5.13 0.01	41.68 -7.17 2.35	37.57 -5.71 0.01	32.03 -4.74 0.01	30.50 -3.96 0.00	26.21 -2.72 0.00	23.11 -2.15 0.00	21.50 -1.28 0.00
OXY_CHEM_DSASP 323612	18.79 -1.63 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.78 -1.46 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.68 -2.99 0.00	23.73 -2.73 0.00	23.74 -2.67 0.00	24.18 -3.17 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.98 -4.92 0.01	32.52 -5.78 0.01	40.73 -8.04 2.43	36.88 -6.41 0.01	31.40 -5.37 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
OZONE_PARK_ESR 323760	22.00 1.57 0.00	20.24 1.38 0.00	20.27 1.36 0.00	19.31 1.23 0.00	20.83 1.31 0.00	21.61 1.38 0.00	31.50 2.06 0.00	35.72 2.49 0.00	31.75 2.38 0.00	28.80 2.13 0.00	28.58 2.12 0.00	28.51 2.11 0.00	29.68 2.33 0.00	31.98 2.42 0.00	33.36 2.50 0.00	36.99 3.09 0.00	41.87 3.56 0.00	55.94 4.76 0.02	47.19 3.90 0.00	40.13 3.35 0.00	37.46 3.00 0.00	31.25 2.31 0.00	27.28 2.02 0.00	24.44 1.66 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	18.79 -1.63 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.78 -1.46 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.68 -2.99 0.00	23.73 -2.73 0.00	23.74 -2.67 0.00	24.18 -3.17 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.98 -4.92 0.01	32.52 -5.78 0.01	40.73 -8.04 2.43	36.88 -6.41 0.01	31.40 -5.37 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
PACKARD___115KV_DUPONT_184 80571	18.79 -1.63 0.00	17.26 -1.60 0.00	17.17 -1.74 0.00	16.47 -1.61 0.00	17.92 -1.60 0.00	18.78 -1.46 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.08 -3.29 0.00	23.68 -2.99 0.00	23.73 -2.73 0.00	23.74 -2.67 0.00	24.18 -3.17 0.00	26.36 -3.19 0.00	27.19 -3.67 0.00	28.98 -4.92 0.01	32.52 -5.78 0.01	40.73 -8.04 2.43	36.88 -6.41 0.01	31.40 -5.37 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.76 -2.50 0.00	21.21 -1.57 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	21.96 1.53 0.00	20.20 1.34 0.00	20.21 1.30 0.00	19.24 1.16 0.00	20.77 1.25 0.00	21.47 1.23 0.00	31.24 1.80 0.00	35.26 2.03 0.00	31.34 1.97 0.00	28.43 1.76 0.00	28.21 1.75 0.00	28.14 1.74 0.00	29.30 1.94 0.00	31.57 2.01 0.00	32.93 2.07 0.00	36.55 2.64 0.00	41.30 2.99 0.00	55.12 3.94 0.02	46.50 3.20 0.00	39.50 2.72 0.00	36.94 2.48 0.00	30.81 1.88 0.00	27.08 1.82 0.00	24.35 1.57 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	22.10 1.67 0.00	20.33 1.47 0.00	20.37 1.46 0.00	19.35 1.27 0.00	20.89 1.37 0.00	21.61 1.38 0.00	31.38 1.94 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.31 1.85 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.45 3.14 0.00	55.33 4.15 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.20 1.94 0.00	24.49 1.71 0.00
PATROON___115KV_TB1 80586	21.32 0.90 0.00	19.71 0.85 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.15 0.91 0.00	30.77 1.32 0.00	34.69 1.46 0.00	30.73 1.35 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.54 1.14 0.00	28.56 1.20 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.60 1.70 0.00	40.26 1.95 0.00	53.81 2.61 0.00	45.41 2.12 0.00	38.62 1.84 0.00	36.12 1.65 0.00	30.29 1.36 0.00	26.37 1.11 0.00	23.76 0.98 0.00
PATTRSNVILLE___SOLAR 323815	21.22 0.80 0.00	19.61 0.76 0.00	19.67 0.76 0.00	18.78 0.70 0.00	20.24 0.72 0.00	21.05 0.81 0.00	30.65 1.21 0.00	34.53 1.29 0.00	30.49 1.12 0.00	27.60 0.93 0.00	27.28 0.82 0.00	27.19 0.79 0.00	28.18 0.82 0.00	30.50 0.95 0.00	31.91 1.05 0.00	35.30 1.39 0.00	39.92 1.61 0.00	53.43 2.25 0.02	45.15 1.86 0.00	38.36 1.58 0.00	35.88 1.41 0.00	30.12 1.19 0.00	26.19 0.94 0.00	23.65 0.87 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	19.73 -0.69 0.00	18.11 -0.75 0.00	18.00 -0.91 0.00	17.30 -0.78 0.00	18.82 -0.70 0.00	19.79 -0.45 0.00	28.56 -0.88 0.00	31.64 -1.60 0.00	27.52 -1.85 0.00	24.96 -1.71 0.00	25.00 -1.46 0.00	25.03 -1.37 0.00	25.55 -1.81 0.00	27.84 -1.71 0.00	28.73 -2.13 0.00	31.12 -2.78 0.01	35.32 -2.99 0.01	45.19 -4.10 1.91	39.82 -3.46 0.01	33.94 -2.83 0.01	31.81 -2.65 0.00	27.20 -1.74 0.00	23.94 -1.31 0.00	22.32 -0.46 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	21.75 1.33 0.00	20.05 1.19 0.00	20.08 1.17 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.41 1.17 0.00	31.21 1.77 0.00	35.29 2.06 0.00	31.40 2.03 0.00	28.51 1.84 0.00	28.29 1.83 0.00	28.20 1.80 0.00	29.33 1.97 0.00	31.63 2.07 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.45 3.14 0.00	55.27 4.10 0.02	46.71 3.42 0.00	39.58 2.80 0.00	37.05 2.58 0.00	30.96 2.03 0.00	26.92 1.67 0.00	24.15 1.37 0.00
PEEKSKILL____ 23653	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.54 1.01 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.24 1.57 0.00	28.05 1.59 0.00	27.96 1.56 0.00	29.11 1.75 0.00	31.36 1.80 0.00	32.68 1.82 0.00	36.21 2.31 0.00	40.99 2.68 0.00	54.71 3.53 0.02	46.24 2.95 0.00	39.28 2.50 0.00	36.74 2.27 0.00	30.73 1.79 0.00	26.80 1.54 0.00	24.03 1.25 0.00

PGE MADISON___WINDPWR 24146	21.30 0.88 0.00	19.88 1.02 0.00	19.80 0.89 0.00	19.04 0.96 0.00	20.67 1.15 0.00	21.55 1.31 0.00	31.77 2.33 0.00	35.82 2.59 0.00	31.34 1.97 0.00	28.64 1.97 0.00	28.26 1.80 0.00	28.28 1.87 0.00	29.27 1.91 0.00	31.54 1.98 0.00	32.96 2.10 0.00	36.21 2.31 0.00	41.18 2.87 0.00	55.95 4.20 -0.55	46.76 3.46 0.00	39.28 2.50 0.00	36.87 2.41 0.00	30.87 1.94 0.00	26.82 1.57 0.00	24.08 1.30 0.00
PIERCEFIELD___HYD 23852	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.21 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 2.00 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.40 0.87 5.40	41.95 0.63 -16.06	37.71 0.48 -14.45
PINELAWN_CC_1 323563	22.20 1.78 0.00	20.37 1.51 0.00	20.29 1.38 0.00	19.33 1.25 0.00	20.85 1.33 0.00	21.71 1.48 0.00	31.00 1.56 0.00	34.53 1.29 0.00	31.46 2.09 0.00	28.80 2.13 0.00	28.53 2.07 0.00	28.52 2.11 0.00	29.73 2.38 0.00	31.77 2.22 0.00	32.90 2.04 0.00	36.41 2.51 0.00	41.95 3.64 0.00	59.65 4.71 -3.74	47.19 3.90 0.00	40.09 3.31 0.00	37.36 2.90 0.00	32.30 2.63 -0.74	27.58 2.32 0.00	24.67 1.89 0.00
PJM_GEN_HTP_PROXY 323702	21.75 1.33 0.00	20.01 1.15 0.00	20.03 1.12 0.00	19.11 1.03 0.00	20.63 1.11 0.00	21.43 1.19 0.00	31.18 1.74 0.00	35.64 2.13 -0.28	31.18 2.09 0.28	28.50 1.84 0.00	28.31 1.85 0.00	28.22 1.82 0.00	29.35 2.00 0.00	31.66 2.10 0.00	32.99 2.13 0.00	36.58 2.68 0.00	41.41 3.10 0.00	55.11 4.10 0.19	46.79 3.33 -0.17	39.61 2.83 0.00	37.01 2.55 0.00	30.93 1.99 0.00	26.98 1.72 0.00	24.19 1.41 0.00
PJM_GEN_KEystone 24065	20.48 0.06 0.00	18.86 0.00 0.00	18.83 -0.08 0.00	18.04 -0.04 0.00	19.52 0.00 0.00	20.38 0.14 0.00	29.53 0.09 0.00	33.44 -0.07 -0.28	28.86 -0.24 0.28	26.40 -0.27 0.00	26.25 -0.21 0.00	26.22 -0.18 0.00	27.08 -0.27 0.00	29.26 -0.30 0.00	30.43 -0.43 0.00	33.36 -0.54 0.00	37.77 -0.54 0.00	49.98 -0.77 0.45	42.85 -0.61 -0.16	36.34 -0.44 0.00	34.05 -0.41 0.00	28.73 -0.20 0.00	25.18 -0.08 0.00	22.87 0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.97 1.55 0.00	20.20 1.34 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.71 1.19 0.00	21.53 1.30 0.00	30.88 1.44 0.00	34.77 1.26 -0.28	31.00 1.91 0.28	28.61 1.95 0.00	28.37 1.91 0.00	28.36 1.95 0.00	29.54 2.19 0.00	31.62 2.07 0.00	32.77 1.91 0.00	36.28 2.37 0.00	41.60 3.30 0.00	58.45 4.30 -2.95	47.01 3.55 -0.17	39.76 2.98 0.00	37.08 2.62 0.00	31.66 2.34 -0.39	27.30 2.04 0.00	24.44 1.66 0.00
PJM_GEN_VFT_PROXY 323633	21.73 1.31 0.00	19.99 1.13 0.00	20.01 1.10 0.00	19.07 0.99 0.00	20.59 1.07 0.00	21.39 1.15 0.00	31.15 1.71 0.00	35.64 2.13 -0.28	31.18 2.09 0.28	28.50 1.84 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.45 3.14 0.00	55.16 4.15 0.19	46.84 3.38 -0.17	39.69 2.90 0.00	37.08 2.62 0.00	30.93 1.99 0.00	26.98 1.72 0.00	24.17 1.39 0.00
PLATSBURG_115KV_PMLD1 355749	20.18 -0.25 0.00	18.58 -0.28 0.00	18.37 -0.53 0.01	13.57 -0.60 3.91	9.94 -0.72 8.86	-6.94 -0.69 26.49	-6.82 -0.88 35.38	-7.25 -1.13 39.35	-6.97 -1.00 35.35	-7.22 -0.93 32.96	-7.20 -0.87 32.78	-7.22 -0.90 32.73	-7.20 -0.90 33.65	-7.18 -1.00 35.73	-7.15 -1.02 37.00	0.11 -1.22 32.57	34.73 -1.26 2.32	34.71 -1.59 14.91	-6.49 -1.17 48.61	-7.00 -1.21 42.57	-7.10 -1.07 40.50	15.68 -0.84 12.41	0.08 -0.76 24.42	0.10 -0.71 21.98
PLEASANTVLY___LBMP 24000	21.49 1.06 0.00	19.82 0.96 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.44 0.92 0.00	21.19 0.95 0.00	30.83 1.38 0.00	34.86 1.63 0.00	30.99 1.62 0.00	28.11 1.44 0.00	27.86 1.40 0.00	27.80 1.40 0.00	28.91 1.56 0.00	31.15 1.60 0.00	32.49 1.64 0.00	35.97 2.07 0.00	40.72 2.41 0.00	54.35 3.17 0.02	45.93 2.64 0.00	39.02 2.24 0.00	36.50 2.03 0.00	30.52 1.59 0.00	26.62 1.36 0.00	23.90 1.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.11 1.03 0.00	20.58 1.05 0.00	21.35 1.11 0.00	31.09 1.65 0.00	35.16 1.93 0.00	31.28 1.91 0.00	28.40 1.73 0.00	28.13 1.67 0.00	28.07 1.66 0.00	29.22 1.86 0.00	31.48 1.92 0.00	32.83 1.97 0.00	36.38 2.48 0.00	41.18 2.87 0.00	54.97 3.79 0.02	46.45 3.16 0.00	39.43 2.65 0.00	36.87 2.41 0.00	30.81 1.88 0.00	26.85 1.59 0.00	24.10 1.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.67 1.25 0.00	19.97 1.11 0.00	20.01 1.10 0.00	19.11 1.03 0.00	20.58 1.05 0.00	21.35 1.11 0.00	31.09 1.65 0.00	35.16 1.93 0.00	31.28 1.91 0.00	28.40 1.73 0.00	28.13 1.67 0.00	28.07 1.66 0.00	29.22 1.86 0.00	31.48 1.92 0.00	32.83 1.97 0.00	36.38 2.48 0.00	41.18 2.87 0.00	54.97 3.79 0.02	46.45 3.16 0.00	39.43 2.65 0.00	36.87 2.41 0.00	30.81 1.88 0.00	26.85 1.59 0.00	24.10 1.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.55 1.12 0.00	19.86 1.00 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.52 1.00 0.00	21.27 1.03 0.00	30.97 1.53 0.00	34.99 1.76 0.00	31.11 1.73 0.00	28.19 1.52 0.00	27.92 1.46 0.00	27.83 1.43 0.00	28.94 1.59 0.00	31.21 1.66 0.00	32.62 1.76 0.00	36.14 2.24 0.00	40.91 2.60 0.00	54.66 3.48 0.02	46.15 2.86 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.61 1.68 0.00	26.70 1.44 0.00	23.96 1.18 0.00
POLETTI___ 23519	21.81 1.39 0.00	20.09 1.23 0.00	20.12 1.21 0.00	19.16 1.08 0.00	20.65 1.13 0.00	21.45 1.21 0.00	31.21 1.77 0.00	35.36 2.13 0.00	31.46 2.09 0.00	28.53 1.87 0.00	28.31 1.85 0.00	28.25 1.85 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.62 2.71 0.00	41.41 3.10 0.00	55.33 4.15 0.02	46.67 3.38 0.00	39.65 2.87 0.00	37.05 2.58 0.00	30.93 2.00 0.00	27.00 1.74 0.00	24.22 1.44 0.00
POMONA___ESR 323819	21.59 1.16 0.00	19.90 1.04 0.00	19.91 1.00 0.00	19.02 0.94 0.00	20.54 1.01 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.14 1.76 0.00	28.21 1.55 0.00	27.99 1.53 0.00	27.93 1.53 0.00	29.05 1.70 0.00	31.30 1.74 0.00	32.65 1.79 0.00	36.18 2.27 0.00	40.91 2.61 0.00	54.61 3.43 0.02	46.15 2.86 0.00	39.24 2.46 0.00	36.70 2.24 0.00	30.70 1.77 0.00	26.80 1.54 0.00	24.03 1.25 0.00
PORT_JEFF_3 23555	22.24 1.82 0.00	20.42 1.56 0.00	20.33 1.42 0.00	19.36 1.28 0.00	20.87 1.35 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.34 1.97 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.65 2.30 0.00	31.69 2.13 0.00	32.77 1.91 0.00	36.28 2.37 0.00	41.91 3.60 0.00	59.21 4.61 -3.41	47.14 3.85 0.00	40.05 3.27 0.00	37.29 2.83 0.00	32.33 2.66 -0.74	27.63 2.37 0.00	24.72 1.94 0.00

PORT_JEFF_4 23616	22.24 1.82 0.00	20.42 1.56 0.00	20.33 1.42 0.00	19.36 1.28 0.00	20.87 1.35 0.00	21.73 1.50 0.00	30.85 1.41 0.00	34.26 1.03 0.00	31.34 1.97 0.00	28.72 2.05 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.65 2.30 0.00	31.69 2.13 0.00	32.77 1.91 0.00	36.28 2.37 0.00	41.91 3.60 0.00	59.21 4.61 -3.41	47.14 3.85 0.00	40.05 3.27 0.00	37.29 2.83 0.00	32.33 2.66 -0.74	27.63 2.37 0.00	24.72 1.94 0.00
PORT_JEFF_IC 23713	22.28 1.86 0.00	20.48 1.62 0.00	20.38 1.47 0.00	19.47 1.39 0.00	20.89 1.37 0.00	21.75 1.52 0.00	31.00 1.56 0.00	34.29 1.06 0.00	31.43 2.06 0.00	28.88 2.21 0.00	28.39 1.93 0.00	28.36 1.95 0.00	29.68 2.33 0.00	31.74 2.19 0.00	32.83 1.97 0.00	36.35 2.44 0.00	41.99 3.68 0.00	59.37 4.76 -3.41	47.27 3.98 0.00	40.13 3.35 0.00	37.39 2.93 0.00	32.39 2.72 -0.74	27.66 2.40 0.00	24.74 1.96 0.00
PPL_PILGRIM_ST_GT1 24216	22.26 1.84 0.00	20.42 1.56 0.00	20.33 1.42 0.00	19.36 1.28 0.00	20.89 1.37 0.00	21.75 1.52 0.00	30.97 1.53 0.00	34.33 1.10 0.00	31.43 2.06 0.00	28.83 2.16 0.00	28.53 2.07 0.00	28.49 2.09 0.00	29.76 2.41 0.00	31.74 2.19 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.79 3.49 0.00	59.11 4.45 -3.46	46.97 3.68 0.00	39.90 3.12 0.00	37.29 2.83 0.00	32.33 2.66 -0.74	27.63 2.37 0.00	24.72 1.94 0.00
PPL_PILGRIM_ST_GT2 24217	22.26 1.84 0.00	20.42 1.56 0.00	20.33 1.42 0.00	19.36 1.28 0.00	20.89 1.37 0.00	21.75 1.52 0.00	30.97 1.53 0.00	34.33 1.10 0.00	31.43 2.06 0.00	28.83 2.16 0.00	28.53 2.07 0.00	28.49 2.09 0.00	29.76 2.41 0.00	31.74 2.19 0.00	32.80 1.95 0.00	36.31 2.41 0.00	41.79 3.49 0.00	59.11 4.45 -3.46	46.97 3.68 0.00	39.90 3.12 0.00	37.29 2.83 0.00	32.33 2.66 -0.74	27.63 2.37 0.00	24.72 1.94 0.00
PPL_SHRM_GT3 24213	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.38 1.30 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.53 1.87 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.66 2.10 0.00	32.74 1.88 0.00	36.31 2.41 0.00	42.02 3.71 0.00	59.32 4.71 -3.41	47.32 4.03 0.00	40.16 3.38 0.00	37.43 2.96 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
PPL_SHRM_GT4 24214	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.38 1.30 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.53 1.87 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.66 2.10 0.00	32.74 1.88 0.00	36.31 2.41 0.00	42.02 3.71 0.00	59.32 4.71 -3.41	47.32 4.03 0.00	40.16 3.38 0.00	37.43 2.96 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
PROJECT___ORANGE 1 24174	20.12 -0.31 0.00	18.56 -0.30 0.00	18.59 -0.32 0.00	17.79 -0.29 0.00	19.23 -0.29 0.00	19.99 -0.24 0.00	29.15 -0.29 0.00	32.90 -0.33 0.00	28.99 -0.38 0.00	26.35 -0.32 0.00	26.14 -0.32 0.00	26.11 -0.29 0.00	27.00 -0.36 0.00	29.17 -0.38 0.00	30.46 -0.40 0.00	33.30 -0.61 0.00	37.58 -0.73 0.00	50.23 -0.97 0.00	42.47 -0.82 0.00	36.08 -0.70 0.00	33.88 -0.59 0.00	28.50 -0.43 0.00	24.90 -0.35 0.00	22.46 -0.32 0.00
PROJECT___ORANGE 2 24166	20.12 -0.31 0.00	18.56 -0.30 0.00	18.59 -0.32 0.00	17.79 -0.29 0.00	19.23 -0.29 0.00	19.99 -0.24 0.00	29.15 -0.29 0.00	32.90 -0.33 0.00	28.99 -0.38 0.00	26.35 -0.32 0.00	26.14 -0.32 0.00	26.11 -0.29 0.00	27.00 -0.36 0.00	29.17 -0.38 0.00	30.46 -0.40 0.00	33.30 -0.61 0.00	37.58 -0.73 0.00	50.23 -0.97 0.00	42.47 -0.82 0.00	36.08 -0.70 0.00	33.88 -0.59 0.00	28.50 -0.43 0.00	24.90 -0.35 0.00	22.46 -0.32 0.00
PUCKETT___SOLAR 323809	20.71 0.29 0.00	19.14 0.28 0.00	19.14 0.23 0.00	18.35 0.27 0.00	19.87 0.35 0.00	20.68 0.44 0.00	30.21 0.76 0.00	34.03 0.80 0.00	29.84 0.47 0.00	27.12 0.45 0.00	26.86 0.40 0.00	26.82 0.42 0.00	27.74 0.38 0.00	29.94 0.38 0.00	31.26 0.40 0.00	34.28 0.37 0.00	38.84 0.54 0.00	52.29 0.82 -0.28	43.94 0.65 0.00	37.29 0.51 0.00	34.94 0.48 0.00	29.39 0.46 0.00	25.66 0.40 0.00	23.19 0.41 0.00
PYRITES___HYD 24023	21.06 0.63 0.00	19.67 0.81 0.00	19.45 0.55 0.00	16.90 0.52 1.70	16.29 0.62 3.85	31.76 0.85 -10.67	38.25 1.85 -6.95	60.56 2.23 -25.10	37.98 1.53 -7.08	49.73 1.39 -21.68	49.29 1.27 -21.56	49.12 1.19 -21.53	50.72 1.23 -22.13	54.15 1.09 -23.50	56.27 1.08 -24.33	56.48 1.15 -21.42	41.59 1.76 -1.52	63.14 3.33 -8.61	78.56 3.29 -31.98	49.97 2.17 -11.02	56.45 2.21 -19.78	25.12 1.59 5.40	42.53 1.21 -16.06	38.17 0.93 -14.45
QUAKERRD_115KV_BK1 80622	19.18 -1.25 0.00	17.67 -1.19 0.00	17.66 -1.25 0.00	16.90 -1.18 0.00	18.35 -1.17 0.00	19.16 -1.07 0.00	27.85 -1.59 0.00	31.37 -1.86 0.00	27.49 -1.88 0.00	24.91 -1.76 0.00	24.85 -1.61 0.00	24.79 -1.61 0.00	25.52 -1.83 0.00	27.69 -1.86 0.00	28.82 -2.04 0.00	31.09 -2.81 0.00	35.09 -3.22 0.00	43.10 -4.35 3.74	39.79 -3.51 0.00	33.88 -2.91 0.00	31.95 -2.52 0.00	27.11 -1.82 0.00	23.67 -1.59 0.00	21.57 -1.21 0.00
QUENSBRY_115KV_TB8 356137	21.30 0.88 0.00	19.71 0.85 0.00	19.72 0.81 0.00	18.82 0.74 0.00	20.34 0.82 0.00	21.23 0.99 0.00	30.88 1.44 0.00	34.79 1.56 0.00	30.78 1.41 0.00	27.89 1.23 0.00	27.62 1.16 0.00	27.48 1.08 0.00	28.48 1.12 0.00	30.74 1.18 0.00	32.19 1.33 0.00	35.57 1.66 0.00	40.22 1.92 0.00	54.01 2.82 0.00	45.54 2.25 0.00	38.69 1.91 0.00	36.08 1.62 0.00	30.23 1.30 0.00	26.37 1.11 0.00	24.26 1.48 0.00
RAMAPO___LBMP 323565	21.55 1.12 0.00	19.86 1.00 0.00	19.89 0.98 0.00	19.00 0.92 0.00	20.48 0.96 0.00	21.25 1.01 0.00	30.91 1.47 0.00	34.96 1.73 0.00	31.05 1.67 0.00	28.16 1.49 0.00	27.92 1.46 0.00	27.83 1.43 0.00	28.97 1.61 0.00	31.18 1.63 0.00	32.53 1.67 0.00	36.01 2.10 0.00	40.80 2.49 0.00	54.45 3.28 0.02	46.02 2.73 0.00	39.13 2.35 0.00	36.56 2.10 0.00	30.61 1.68 0.00	26.72 1.46 0.00	23.96 1.18 0.00
RANKINE____ 23646	19.36 -1.06 0.00	17.77 -1.09 0.00	17.68 -1.23 0.00	16.98 -1.10 0.00	18.47 -1.05 0.00	19.41 -0.83 0.00	27.97 -1.47 0.00	31.07 -2.16 0.00	27.08 -2.29 0.00	24.59 -2.08 0.00	24.63 -1.83 0.00	24.66 -1.74 0.00	25.14 -2.22 0.00	27.43 -2.13 0.00	28.27 -2.59 0.00	30.37 -3.53 0.01	34.28 -4.02 0.01	43.61 -5.58 2.01	38.83 -4.46 0.01	33.10 -3.68 0.01	31.29 -3.17 0.00	26.82 -2.11 0.00	23.62 -1.64 0.00	21.96 -0.82 0.00
RAVENSWOOD_GT2_1 24244	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00

RAVENSWOOD_GT2_2 24245	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.39 2.16 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT2_3 24246	21.83 1.41 0.00	20.12 1.26 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.71 1.19 0.00	21.49 1.25 0.00	31.30 1.85 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.08 1.82 0.00	24.28 1.50 0.00
RAVENSWOOD_GT2_4 24247	21.83 1.41 0.00	20.12 1.26 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.71 1.19 0.00	21.49 1.25 0.00	31.30 1.85 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.08 1.82 0.00	24.28 1.50 0.00
RAVENSWOOD_GT3_1 24248	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT3_2 24249	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.20 1.12 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT3_3 24250	21.85 1.43 0.00	20.14 1.28 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.71 1.19 0.00	21.51 1.27 0.00	31.33 1.88 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.61 1.95 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.56 3.26 0.00	55.48 4.30 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.18 2.72 0.00	31.01 2.08 0.00	27.10 1.84 0.00	24.31 1.53 0.00
RAVENSWOOD_GT3_4 24251	21.85 1.43 0.00	20.14 1.28 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.71 1.19 0.00	21.51 1.27 0.00	31.33 1.88 0.00	35.46 2.23 0.00	31.55 2.17 0.00	28.61 1.95 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.56 3.26 0.00	55.48 4.30 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.18 2.72 0.00	31.01 2.08 0.00	27.10 1.84 0.00	24.31 1.53 0.00
RAVENSWOOD_GT_1 23729	21.96 1.53 0.00	20.20 1.34 0.00	20.23 1.32 0.00	19.27 1.19 0.00	20.79 1.27 0.00	21.55 1.32 0.00	31.36 1.91 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.39 1.93 0.00	28.33 1.93 0.00	29.46 2.11 0.00	31.77 2.22 0.00	33.14 2.28 0.00	36.79 2.88 0.00	41.53 3.22 0.00	55.43 4.25 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.15 2.69 0.00	31.01 2.08 0.00	27.15 1.89 0.00	24.38 1.59 0.00
RAVENSWOOD_GT_10 24258	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT_11 24259	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT_4 24252	21.81 1.39 0.00	20.09 1.23 0.00	20.12 1.21 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT_5 24254	21.81 1.39 0.00	20.09 1.23 0.00	20.12 1.21 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT_6 24253	21.81 1.39 0.00	20.09 1.23 0.00	20.12 1.21 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT_7 24255	21.81 1.39 0.00	20.09 1.23 0.00	20.12 1.21 0.00	19.18 1.10 0.00	20.67 1.15 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.76 3.46 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00

RAVENSWOOD_GT_9 24257	21.83 1.41 0.00	20.10 1.24 0.00	20.14 1.23 0.00	19.18 1.10 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD___1 23533	21.91 1.49 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.79 1.27 0.00	21.53 1.30 0.00	31.33 1.89 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.15 2.69 0.00	30.99 2.05 0.00	27.15 1.90 0.00	24.37 1.59 0.00
RAVENSWOOD___2 23534	21.89 1.47 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.89 0.00	35.42 2.19 0.00	31.49 2.12 0.00	28.53 1.87 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.90 0.00	37.15 2.69 0.00	30.99 2.05 0.00	27.13 1.87 0.00	24.35 1.57 0.00
RAVENSWOOD___3 23535	21.81 1.39 0.00	20.08 1.23 0.00	20.08 1.17 0.00	19.16 1.08 0.00	20.69 1.17 0.00	21.47 1.23 0.00	31.27 1.83 0.00	35.42 2.19 0.00	31.49 2.12 0.00	28.53 1.87 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.69 2.78 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.05 1.79 0.00	24.26 1.48 0.00
RAVENSWOOD___4 23820	21.89 1.47 0.00	20.16 1.30 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.89 0.00	35.42 2.19 0.00	31.49 2.12 0.00	28.53 1.87 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.08 2.22 0.00	36.75 2.85 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.90 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.13 1.87 0.00	24.35 1.57 0.00
RCPL_TRUST___DRP 24196	21.79 1.37 0.00	20.07 1.21 0.00	20.10 1.19 0.00	19.16 1.08 0.00	20.67 1.15 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.42 2.19 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.28 1.87 0.00	29.43 2.08 0.00	31.71 2.16 0.00	33.08 2.22 0.00	36.65 2.75 0.00	41.49 3.18 0.00	55.38 4.20 0.02	46.71 3.42 0.00	39.72 2.94 0.00	37.08 2.62 0.00	30.96 2.03 0.00	27.03 1.77 0.00	24.24 1.46 0.00
RED___ROCHESTER 323720	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.94 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.41 -1.25 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	26.02 -1.34 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.53 -2.37 0.00	35.63 -2.68 0.00	45.09 -3.59 2.53	40.43 -2.86 0.00	34.50 -2.28 0.00	32.57 -1.90 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
REGAN___SOLAR 323812	21.67 1.25 0.00	20.05 1.19 0.00	20.06 1.15 0.00	19.16 1.08 0.00	20.67 1.15 0.00	21.59 1.36 0.00	31.53 2.09 0.00	35.46 2.23 0.00	31.20 1.82 0.00	28.19 1.52 0.00	27.81 1.35 0.00	27.67 1.27 0.00	28.70 1.34 0.00	31.09 1.54 0.00	32.59 1.73 0.00	36.18 2.27 0.00	40.91 2.61 0.00	54.97 3.79 0.02	46.41 3.12 0.00	39.43 2.65 0.00	36.77 2.31 0.00	30.90 1.97 0.00	26.77 1.52 0.00	24.12 1.34 0.00
RENSSELAER___COGEN 23796	21.26 0.84 0.00	19.63 0.77 0.00	19.70 0.79 0.00	18.82 0.74 0.00	20.32 0.80 0.00	21.07 0.83 0.00	30.62 1.18 0.00	34.56 1.33 0.00	30.58 1.20 0.00	27.71 1.04 0.00	27.49 1.03 0.00	27.41 1.00 0.00	28.39 1.04 0.00	30.71 1.15 0.00	32.13 1.27 0.00	35.43 1.53 0.00	40.03 1.73 0.00	53.56 2.36 0.00	45.19 1.90 0.00	38.44 1.66 0.00	35.94 1.48 0.00	30.15 1.21 0.00	26.27 1.01 0.00	23.67 0.89 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.10 1.67 0.00	20.46 1.60 0.00	20.40 1.49 0.00	19.45 1.37 0.00	21.04 1.52 0.00	22.10 1.86 0.00	32.21 2.77 0.00	36.19 2.96 0.00	31.99 2.61 0.00	28.91 2.24 0.00	28.63 2.17 0.00	28.49 2.09 0.00	29.57 2.22 0.00	31.86 2.31 0.00	33.48 2.62 0.00	37.03 3.12 0.00	41.91 3.60 0.00	56.47 5.27 0.00	47.53 4.24 0.00	40.42 3.64 0.00	37.60 3.14 0.00	31.51 2.57 0.00	27.30 2.05 0.00	25.04 2.26 0.00
REVERE_CPPR_DRP 24186	20.91 0.49 0.00	19.43 0.57 0.00	19.42 0.51 0.00	18.60 0.52 0.00	20.13 0.61 0.00	22.07 0.69 -1.14	31.77 1.18 -1.15	36.80 1.40 -2.17	31.65 1.12 -1.16	29.67 1.15 -1.85	29.39 1.08 -1.84	29.32 1.08 -1.84	30.34 1.09 -1.89	32.66 1.09 -2.01	34.08 1.14 -2.08	36.96 1.22 -1.83	39.93 1.49 -0.13	54.18 2.20 -0.78	47.89 1.86 -2.73	39.66 1.36 -1.52	37.73 1.34 -1.92	30.00 1.07 0.00	27.49 0.86 -1.37	24.72 0.71 -1.24
REYNOLDS_115KV_TB3 80639	21.28 0.86 0.00	19.65 0.79 0.00	19.74 0.83 0.00	18.86 0.78 0.00	20.34 0.82 0.00	21.09 0.85 0.00	30.65 1.21 0.00	34.59 1.36 0.00	30.64 1.26 0.00	27.76 1.09 0.00	27.52 1.06 0.00	27.46 1.06 0.00	28.45 1.09 0.00	30.77 1.21 0.00	32.16 1.30 0.00	35.47 1.56 0.00	40.11 1.80 0.00	53.61 2.41 0.00	45.28 1.99 0.00	38.47 1.69 0.00	35.98 1.52 0.00	30.18 1.24 0.00	26.32 1.06 0.00	23.71 0.93 0.00
RIVERBAY____ 323610	22.10 1.67 0.00	20.33 1.47 0.00	20.37 1.46 0.00	19.35 1.27 0.00	20.89 1.37 0.00	21.61 1.38 0.00	31.38 1.94 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.53 1.87 0.00	28.31 1.85 0.00	28.28 1.87 0.00	29.41 2.05 0.00	31.71 2.16 0.00	33.05 2.19 0.00	36.69 2.78 0.00	41.45 3.14 0.00	55.33 4.15 0.02	46.67 3.38 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.96 2.03 0.00	27.20 1.94 0.00	24.49 1.71 0.00
RIVERSDE_115KV_TB3 55908	21.28 0.86 0.00	19.67 0.81 0.00	19.74 0.83 0.00	18.86 0.78 0.00	20.36 0.84 0.00	21.11 0.87 0.00	30.68 1.24 0.00	34.63 1.40 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.54 1.08 0.00	27.48 1.08 0.00	28.48 1.12 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.66 2.46 0.00	45.33 2.03 0.00	38.51 1.73 0.00	36.01 1.55 0.00	30.20 1.27 0.00	26.32 1.06 0.00	23.71 0.93 0.00
ROARING___BROOK_WT_PWR 323790	19.50 -0.92 0.00	18.01 -0.85 0.00	18.05 -0.85 0.01	11.14 -0.81 6.12	4.76 -0.90 13.87	8.91 -0.93 10.40	4.01 -1.32 24.11	29.27 -1.46 2.50	4.22 -1.26 23.89	24.37 -1.12 1.18	24.20 -1.09 1.17	24.15 -1.08 1.17	25.06 -1.10 1.20	27.10 -1.18 1.28	28.37 -1.17 1.32	31.45 -1.29 1.16	36.77 -1.46 0.08	47.05 -1.95 2.20	39.87 -1.69 1.74	9.99 -1.51 25.28	21.98 -1.45 11.04	8.28 -1.21 19.43	23.35 -1.04 0.87	21.06 -0.93 0.78

ROCHESRG_115KV_T4 355643	19.42 -1.00 0.00	17.88 -0.98 0.00	17.85 -1.06 0.00	17.10 -0.98 0.00	18.56 -0.96 0.00	19.41 -0.83 0.00	28.15 -1.30 0.00	31.64 -1.60 0.00	27.73 -1.64 0.00	25.12 -1.55 0.00	25.08 -1.38 0.00	25.06 -1.35 0.00	25.74 -1.61 0.00	27.93 -1.63 0.00	29.04 -1.82 0.00	31.26 -2.64 0.00	35.24 -3.06 0.00	44.60 -4.15 2.45	39.96 -3.33 0.00	34.06 -2.72 0.00	32.22 -2.24 0.00	27.37 -1.56 0.00	23.94 -1.31 0.00	21.87 -0.91 0.00
ROCHESTER_9_IC 23652	19.48 -0.94 0.00	17.94 -0.92 0.00	17.91 -1.00 0.00	17.16 -0.92 0.00	18.64 -0.88 0.00	19.49 -0.75 0.00	28.29 -1.15 0.00	31.84 -1.40 0.00	27.88 -1.50 0.00	25.25 -1.41 0.00	25.22 -1.24 0.00	25.19 -1.21 0.00	25.88 -1.48 0.00	28.11 -1.45 0.00	29.22 -1.64 0.00	31.40 -2.51 0.00	35.47 -2.83 0.00	44.78 -3.89 2.53	40.22 -3.07 0.00	34.28 -2.50 0.00	32.39 -2.07 0.00	27.51 -1.42 0.00	24.05 -1.21 0.00	21.96 -0.82 0.00
ROCKVIEW_13_KV_LD 356306	21.77 1.35 0.00	20.05 1.19 0.00	20.08 1.17 0.00	19.16 1.08 0.00	20.65 1.13 0.00	21.45 1.21 0.00	31.24 1.80 0.00	35.32 2.09 0.00	31.43 2.06 0.00	28.53 1.87 0.00	28.29 1.83 0.00	28.20 1.80 0.00	29.38 2.02 0.00	31.66 2.10 0.00	33.02 2.16 0.00	36.58 2.68 0.00	41.41 3.10 0.00	55.27 4.10 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.08 2.62 0.00	30.99 2.05 0.00	26.98 1.72 0.00	24.22 1.44 0.00
ROME____115KV_TB2 80656	20.91 0.49 0.00	19.43 0.57 0.00	19.42 0.51 0.00	18.60 0.52 0.00	20.13 0.61 0.00	22.07 0.69 -1.14	31.77 1.18 -1.15	36.80 1.40 -2.17	31.65 1.12 -1.16	29.67 1.15 -1.85	29.39 1.08 -1.84	29.32 1.08 -1.84	30.34 1.09 -1.89	32.66 1.09 -2.01	34.08 1.14 -2.08	36.96 1.22 -1.83	39.93 1.49 -0.13	54.18 2.20 -0.78	47.89 1.86 -2.73	39.66 1.36 -1.52	37.73 1.34 -1.92	30.00 1.07 0.00	27.49 0.86 -1.37	24.72 0.71 -1.24
ROSETON___1 23587	21.46 1.04 0.00	19.80 0.94 0.00	19.84 0.93 0.00	18.95 0.87 0.00	20.44 0.92 0.00	21.21 0.97 0.00	30.83 1.38 0.00	34.89 1.66 0.00	30.99 1.61 0.00	28.08 1.41 0.00	27.86 1.40 0.00	27.80 1.40 0.00	28.91 1.56 0.00	31.15 1.59 0.00	32.49 1.63 0.00	35.97 2.07 0.00	40.72 2.41 0.00	54.35 3.18 0.02	45.93 2.64 0.00	39.02 2.24 0.00	36.49 2.03 0.00	30.52 1.59 0.00	26.65 1.39 0.00	23.90 1.12 0.00
ROSETON___2 23588	21.46 1.04 0.00	19.80 0.94 0.00	19.84 0.93 0.00	18.95 0.87 0.00	20.44 0.92 0.00	21.21 0.97 0.00	30.83 1.38 0.00	34.89 1.66 0.00	30.99 1.61 0.00	28.08 1.41 0.00	27.86 1.40 0.00	27.80 1.40 0.00	28.91 1.56 0.00	31.15 1.59 0.00	32.49 1.63 0.00	35.97 2.07 0.00	40.72 2.41 0.00	54.35 3.18 0.02	45.93 2.64 0.00	39.02 2.24 0.00	36.49 2.03 0.00	30.52 1.59 0.00	26.65 1.39 0.00	23.90 1.12 0.00
ROTTTRDAM_115KV_TB3 80664	21.06 0.63 0.00	19.46 0.60 0.00	19.51 0.61 0.00	18.66 0.58 0.00	20.15 0.62 0.00	20.90 0.67 0.00	30.41 0.97 0.00	34.29 1.06 0.00	30.31 0.94 0.00	27.49 0.83 0.00	27.23 0.77 0.00	27.14 0.74 0.00	28.15 0.79 0.00	30.41 0.86 0.00	31.82 0.96 0.00	35.09 1.19 0.00	39.69 1.38 0.00	53.09 1.89 0.00	44.81 1.52 0.00	38.10 1.32 0.00	35.63 1.17 0.00	29.89 0.95 0.00	26.04 0.78 0.00	23.53 0.75 0.00
RUSSELL___1 23602	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.95 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.36 -1.31 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	25.99 -1.37 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.57 -2.34 0.00	35.63 -2.68 0.00	45.04 -3.64 2.53	40.44 -2.86 0.00	34.46 -2.32 0.00	32.53 -1.93 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
RUSSELL___2 23532	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.95 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.36 -1.31 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	25.99 -1.37 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.57 -2.34 0.00	35.63 -2.68 0.00	45.04 -3.64 2.53	40.44 -2.86 0.00	34.46 -2.32 0.00	32.53 -1.93 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
RUSSELL___3 23549	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.95 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.36 -1.31 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	25.99 -1.37 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.57 -2.34 0.00	35.63 -2.68 0.00	45.04 -3.64 2.53	40.44 -2.86 0.00	34.46 -2.32 0.00	32.53 -1.93 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
RUSSELL___4 23556	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.95 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.36 -1.31 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	25.99 -1.37 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.57 -2.34 0.00	35.63 -2.68 0.00	45.04 -3.64 2.53	40.44 -2.86 0.00	34.46 -2.32 0.00	32.53 -1.93 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
RUSSELL___STATION 23914	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.95 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.36 -1.31 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	25.99 -1.37 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.57 -2.34 0.00	35.63 -2.68 0.00	45.04 -3.64 2.53	40.44 -2.86 0.00	34.46 -2.32 0.00	32.53 -1.93 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
S SALMON___HYD 24043	20.12 -0.31 0.00	18.61 -0.25 0.00	18.63 -0.28 0.00	17.69 -0.25 0.13	18.95 -0.27 0.30	21.25 -0.20 -1.22	30.17 -0.20 -0.93	35.72 -0.20 -2.69	30.05 -0.26 -0.94	28.79 -0.19 -2.31	28.58 -0.18 -2.30	28.49 -0.21 -2.30	29.44 -0.27 -2.36	31.74 -0.32 -2.51	33.12 -0.34 -2.59	35.72 -0.47 -2.28	37.97 -0.50 -0.16	51.57 -0.56 -0.93	46.31 -0.39 -3.41	37.75 -0.40 -1.37	36.38 -0.28 -2.19	28.25 -0.26 0.42	26.74 -0.23 -1.71	24.09 -0.23 -1.54
S.PERRY__115KV_TB1 80734	19.91 -0.51 0.00	18.29 -0.57 0.00	18.25 -0.66 0.00	17.48 -0.60 0.00	19.01 -0.51 0.00	19.95 -0.28 0.00	29.18 -0.26 0.00	32.87 -0.37 0.00	28.58 -0.79 0.00	25.81 -0.85 0.00	25.61 -0.85 0.00	25.53 -0.87 0.00	26.12 -1.23 0.00	28.40 -1.15 0.00	29.59 -1.27 0.00	31.90 -2.00 0.00	36.24 -2.07 0.00	48.13 -2.51 0.57	41.43 -1.86 0.00	35.34 -1.43 0.00	33.19 -1.28 0.00	28.18 -0.75 0.00	24.63 -0.63 0.00	22.46 -0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.14 -1.29 0.00	17.58 -1.28 0.00	17.49 -1.42 0.00	16.80 -1.28 0.00	18.27 -1.25 0.00	19.18 -1.05 0.00	27.59 -1.85 0.00	30.64 -2.59 0.00	26.73 -2.64 0.00	24.27 -2.40 0.00	24.32 -2.14 0.00	24.34 -2.06 0.00	24.81 -2.54 0.00	27.04 -2.51 0.00	27.90 -2.96 0.00	29.87 -4.03 0.01	33.59 -4.71 0.01	42.46 -6.50 2.24	38.09 -5.20 0.01	32.47 -4.30 0.01	30.84 -3.62 0.00	26.47 -2.46 0.00	23.31 -1.94 0.00	21.66 -1.12 0.00

SAWYER___23_KV_LOAD 55526	19.14 -1.29 0.00	17.58 -1.28 0.00	17.49 -1.42 0.00	16.80 -1.28 0.00	18.27 -1.25 0.00	19.18 -1.05 0.00	27.59 -1.85 0.00	30.64 -2.59 0.00	26.73 -2.64 0.00	24.27 -2.40 0.00	24.32 -2.14 0.00	24.34 -2.06 0.00	24.81 -2.54 0.00	27.04 -2.51 0.00	27.90 -2.96 0.00	29.87 -4.03 0.01	33.59 -4.71 0.01	42.46 -6.50 2.24	38.09 -5.20 0.01	32.47 -4.30 0.01	30.84 -3.62 0.00	26.47 -2.46 0.00	23.31 -1.94 0.00	21.66 -1.12 0.00
SELKIRK___I 23801	21.20 0.78 0.00	19.59 0.73 0.00	19.69 0.78 0.00	18.80 0.72 0.00	20.28 0.76 0.00	21.02 0.79 0.00	30.56 1.12 0.00	34.43 1.19 0.00	30.43 1.06 0.00	27.55 0.88 0.00	27.31 0.85 0.00	27.22 0.82 0.00	28.23 0.88 0.00	30.53 0.97 0.00	31.94 1.08 0.00	35.23 1.32 0.00	39.84 1.53 0.00	53.30 2.10 0.00	45.03 1.73 0.00	38.29 1.51 0.00	35.84 1.38 0.00	30.06 1.13 0.00	26.19 0.94 0.00	23.60 0.82 0.00
SELKIRK___II 23799	21.14 0.71 0.00	19.52 0.66 0.00	19.61 0.70 0.00	18.73 0.65 0.00	20.22 0.70 0.00	20.94 0.71 0.00	30.44 1.00 0.00	34.36 1.13 0.00	30.43 1.06 0.00	27.57 0.91 0.00	27.33 0.87 0.00	27.25 0.84 0.00	28.26 0.90 0.00	30.53 0.97 0.00	31.91 1.05 0.00	35.23 1.32 0.00	39.80 1.49 0.00	53.19 1.99 0.00	44.94 1.64 0.00	38.21 1.43 0.00	35.74 1.28 0.00	29.97 1.04 0.00	26.14 0.88 0.00	23.53 0.75 0.00
SENECA OSWGO___HYD 24041	19.97 -0.45 0.00	18.43 -0.43 0.00	18.48 -0.43 0.00	17.66 -0.42 0.00	19.11 -0.41 0.00	19.83 -0.40 0.00	28.94 -0.50 0.00	32.63 -0.60 0.00	28.79 -0.59 0.00	26.16 -0.51 0.00	25.93 -0.53 0.00	25.90 -0.50 0.00	26.78 -0.58 0.00	28.93 -0.62 0.00	30.21 -0.65 0.00	33.06 -0.85 0.00	37.39 -0.92 0.00	49.97 -1.23 0.00	42.25 -1.04 0.00	35.94 -0.84 0.00	33.67 -0.79 0.00	28.32 -0.61 0.00	24.73 -0.53 0.00	22.30 -0.48 0.00
SENECA___115KV_TB3 355854	19.38 -1.04 0.00	17.78 -1.07 0.00	17.70 -1.21 0.00	17.00 -1.08 0.00	18.49 -1.03 0.00	19.45 -0.79 0.00	28.00 -1.44 0.00	31.10 -2.13 0.00	27.14 -2.23 0.00	24.64 -2.03 0.00	24.69 -1.77 0.00	24.71 -1.69 0.00	25.19 -2.16 0.00	27.49 -2.07 0.00	28.33 -2.53 0.00	30.44 -3.46 0.01	34.36 -3.95 0.01	43.66 -5.53 2.01	38.87 -4.42 0.01	33.13 -3.64 0.01	31.33 -3.14 0.00	26.85 -2.08 0.00	23.64 -1.62 0.00	22.01 -0.77 0.00
SENECA___ENERGY 23797	19.97 -0.45 0.00	18.41 -0.45 0.00	18.42 -0.49 0.00	17.65 -0.43 0.00	19.13 -0.39 0.00	19.93 -0.30 0.00	29.15 -0.29 0.00	32.77 -0.47 0.00	28.87 -0.50 0.00	26.24 -0.43 0.00	26.04 -0.42 0.00	25.98 -0.42 0.00	26.81 -0.55 0.00	28.99 -0.56 0.00	30.24 -0.62 0.00	32.85 -1.05 0.00	37.20 -1.11 0.00	55.84 -1.38 -6.02	42.13 -1.17 0.00	35.82 -0.96 0.00	33.57 -0.90 0.00	28.35 -0.58 0.00	24.75 -0.50 0.00	22.41 -0.37 0.00
SHOEMAKER___GT 23640	21.34 0.92 0.00	19.67 0.81 0.00	19.72 0.81 0.00	18.84 0.76 0.00	20.34 0.82 0.00	21.11 0.87 0.00	30.71 1.27 0.00	34.69 1.46 0.00	30.78 1.41 0.00	27.89 1.23 0.00	27.65 1.19 0.00	27.56 1.16 0.00	28.64 1.29 0.00	30.89 1.33 0.00	32.25 1.39 0.00	35.70 1.80 0.00	40.41 2.11 0.00	53.99 2.81 0.02	45.63 2.34 0.00	38.77 1.98 0.00	36.25 1.79 0.00	30.32 1.39 0.00	26.47 1.21 0.00	23.76 0.98 0.00
SHOEMAKR_138KV_BK 111 55601	21.36 0.94 0.00	19.71 0.85 0.00	19.74 0.83 0.00	18.86 0.78 0.00	20.34 0.82 0.00	21.11 0.87 0.00	30.71 1.27 0.00	34.69 1.46 0.00	30.78 1.41 0.00	27.92 1.25 0.00	27.65 1.19 0.00	27.56 1.16 0.00	28.67 1.31 0.00	30.92 1.36 0.00	32.28 1.42 0.00	35.70 1.80 0.00	40.42 2.11 0.00	53.99 2.82 0.02	45.63 2.34 0.00	38.77 1.99 0.00	36.25 1.79 0.00	30.32 1.39 0.00	26.47 1.21 0.00	23.76 0.98 0.00
SHOREHAM_IC_1 23715	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.38 1.30 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.53 1.87 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.66 2.10 0.00	32.74 1.88 0.00	36.31 2.41 0.00	42.02 3.71 0.00	59.32 4.71 -3.41	47.32 4.03 0.00	40.16 3.38 0.00	37.43 2.96 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
SHOREHAM_IC_2 23716	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.38 1.30 0.00	20.83 1.31 0.00	21.69 1.46 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.53 1.87 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.66 2.10 0.00	32.74 1.88 0.00	36.31 2.41 0.00	42.02 3.71 0.00	59.32 4.71 -3.41	47.32 4.03 0.00	40.16 3.38 0.00	37.43 2.96 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.76 1.98 0.00
SISSONVILLE____ 23735	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.21 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 2.00 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.40 0.87 5.40	41.95 0.63 -16.06	37.71 0.48 -14.45
SITHE_IND_GS1 24169	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.79 -0.88 0.00	25.59 -0.87 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.95 -0.98 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
SITHE_IND_GS2 24170	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.79 -0.88 0.00	25.59 -0.87 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.95 -0.98 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
SITHE_IND_GS3 24171	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.79 -0.88 0.00	25.59 -0.87 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.95 -0.98 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
SITHE_IND_GS4 24172	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.63 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.41 -0.97 0.00	25.79 -0.88 0.00	25.59 -0.87 0.00	25.56 -0.85 0.00	26.45 -0.90 0.00	28.58 -0.97 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.74 -1.56 0.00	35.46 -1.32 0.00	33.25 -1.21 0.00	27.95 -0.98 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00

SITHE___BATAVIA 24024	19.38 -1.04 0.00	17.80 -1.06 0.00	17.74 -1.17 0.00	17.01 -1.07 0.00	18.53 -0.99 0.00	19.49 -0.75 0.00	28.23 -1.21 0.00	31.60 -1.63 0.00	27.55 -1.82 0.00	25.01 -1.65 0.00	24.92 -1.54 0.00	24.92 -1.48 0.00	25.49 -1.86 0.00	27.75 -1.80 0.00	28.76 -2.10 0.00	30.61 -3.29 0.00	34.67 -3.64 0.00	43.79 -4.97 2.44	39.35 -3.94 0.00	33.65 -3.13 0.00	31.84 -2.62 0.00	27.22 -1.71 0.00	23.84 -1.41 0.00	22.03 -0.75 0.00
SITHE___INDEPEND 23800	19.75 -0.67 0.00	18.24 -0.62 0.00	18.29 -0.62 0.00	17.48 -0.60 0.00	18.90 -0.62 0.00	19.61 -0.63 0.00	28.53 -0.91 0.00	32.20 -1.03 0.00	28.40 -0.97 0.00	25.79 -0.88 0.00	25.59 -0.87 0.00	25.56 -0.84 0.00	26.43 -0.93 0.00	28.58 -0.98 0.00	29.84 -1.02 0.00	32.65 -1.25 0.00	36.89 -1.42 0.00	49.32 -1.89 -0.02	41.73 -1.56 0.00	35.46 -1.32 0.00	33.26 -1.21 0.00	27.95 -0.98 0.00	24.42 -0.83 0.00	22.05 -0.73 0.00
SITHE___MASSENA 23902	20.32 -0.10 0.00	18.75 -0.11 0.00	18.75 -0.15 0.01	13.69 -0.15 4.24	9.76 -0.16 9.61	12.12 -0.14 7.98	11.76 -0.20 17.48	29.93 -0.10 3.20	11.83 -0.20 17.34	24.42 -0.19 2.07	24.27 -0.13 2.05	24.22 -0.13 2.05	25.14 -0.11 2.11	27.20 -0.12 2.24	28.42 -0.12 2.32	31.63 -0.24 2.04	37.93 -0.23 0.15	48.84 -0.31 2.05	40.03 -0.22 3.05	17.98 -0.26 18.55	25.31 -0.21 8.95	15.29 -0.17 13.47	23.60 -0.13 1.53	21.33 -0.07 1.38
SITHE___OGDNSBRG 24021	21.22 0.80 0.00	19.84 0.98 0.00	19.61 0.70 0.00	17.06 0.69 1.70	16.47 0.80 3.85	31.96 1.05 -10.67	38.57 2.18 -6.95	60.89 2.56 -25.10	38.22 1.76 -7.08	49.86 1.52 -21.68	49.42 1.40 -21.56	49.25 1.32 -21.53	50.86 1.37 -22.13	54.30 1.24 -23.50	56.43 1.23 -24.33	56.69 1.36 -21.42	41.86 2.03 -1.52	63.70 3.89 -8.61	79.08 3.81 -31.98	50.37 2.57 -11.02	56.83 2.58 -19.78	25.41 1.88 5.40	42.78 1.46 -16.06	38.37 1.14 -14.45
SITHE___STERLING 23777	20.79 0.37 0.00	19.27 0.41 0.00	19.29 0.38 0.00	18.46 0.38 0.00	19.99 0.47 0.00	21.52 0.53 -0.76	31.12 0.91 -0.77	35.74 1.06 -1.45	30.97 0.82 -0.77	28.76 0.85 -1.24	28.48 0.79 -1.23	28.42 0.79 -1.23	29.44 0.82 -1.26	31.72 0.83 -1.34	33.11 0.86 -1.39	36.01 0.88 -1.22	39.47 1.07 -0.09	53.25 1.53 -0.52	46.41 1.30 -1.82	38.75 0.95 -1.01	36.68 0.93 -1.28	29.68 0.75 0.00	26.80 0.63 -0.92	24.13 0.52 -0.82
SLEIGHT__34_KV_TB1 80719	19.63 -0.80 0.00	18.07 -0.79 0.00	18.08 -0.83 0.00	17.30 -0.78 0.00	18.78 -0.74 0.00	19.59 -0.65 0.00	28.59 -0.85 0.00	32.23 -1.00 0.00	29.67 0.29 0.00	26.96 0.29 0.00	26.75 0.29 0.00	26.75 0.34 0.00	27.60 0.25 0.00	29.88 0.33 0.00	31.20 0.34 0.00	33.87 -0.03 0.00	38.31 0.00 0.00	50.74 0.05 0.51	43.34 0.04 0.00	36.82 0.04 0.00	34.50 0.03 0.00	29.08 0.14 0.00	25.38 0.13 0.00	22.89 0.11 0.00
SOUTH CAIRO___GT 23612	21.69 1.27 0.00	19.99 1.13 0.00	20.08 1.17 0.00	19.16 1.08 0.00	20.71 1.19 0.00	21.55 1.32 0.00	31.44 2.00 0.00	35.36 2.13 0.00	31.31 1.94 0.00	28.13 1.47 0.00	27.70 1.24 0.00	27.54 1.14 0.00	28.61 1.26 0.00	30.95 1.39 0.00	32.53 1.67 0.00	36.08 2.17 0.00	40.95 2.64 0.00	55.02 3.84 0.02	46.41 3.12 0.00	39.36 2.57 0.00	36.81 2.34 0.00	30.78 1.85 0.00	26.72 1.46 0.00	24.08 1.30 0.00
SOUTH HAMPTN___IC 23720	22.30 1.88 0.00	20.48 1.62 0.00	20.33 1.42 0.00	19.40 1.32 0.00	20.85 1.33 0.00	21.71 1.48 0.00	30.80 1.36 0.00	34.20 0.96 0.00	31.37 2.00 0.00	28.67 2.00 0.00	28.15 1.69 0.00	28.12 1.72 0.00	29.57 2.21 0.00	31.71 2.16 0.00	32.80 1.95 0.00	36.38 2.47 0.00	42.18 3.87 0.00	59.57 4.96 -3.40	47.45 4.16 0.00	40.24 3.46 0.00	37.46 3.00 0.00	32.48 2.81 -0.74	27.66 2.40 0.00	24.83 2.05 0.00
SOUTHDOW_115KV_TB1 355954	19.57 -0.86 0.00	17.90 -0.96 0.00	17.81 -1.10 0.00	17.14 -0.94 0.00	18.66 -0.86 0.00	19.71 -0.53 0.00	28.56 -0.88 0.00	31.97 -1.26 0.00	27.70 -1.67 0.00	25.15 -1.52 0.00	25.19 -1.27 0.00	25.21 -1.19 0.00	25.71 -1.64 0.00	28.05 -1.51 0.00	28.79 -2.07 0.00	31.12 -2.78 0.00	35.20 -3.10 0.00	45.22 -4.40 1.58	39.95 -3.33 0.00	34.09 -2.68 0.00	32.02 -2.45 0.00	27.31 -1.62 0.00	24.05 -1.21 0.00	22.32 -0.46 0.00
SOUTHOLD_69_KV_BK 2 55809	22.26 1.84 0.00	20.44 1.58 0.00	20.31 1.40 0.00	19.44 1.36 0.00	20.79 1.27 0.00	21.65 1.42 0.00	30.80 1.35 0.00	34.13 0.90 0.00	31.37 2.00 0.00	28.91 2.24 0.00	28.07 1.61 0.00	28.07 1.66 0.00	29.49 2.13 0.00	31.63 2.07 0.00	32.71 1.85 0.00	36.25 2.34 0.00	42.18 3.87 0.00	59.67 5.07 -3.41	47.36 4.07 0.00	40.20 3.42 0.00	37.39 2.93 0.00	32.42 2.75 -0.74	27.56 2.30 0.00	24.83 2.05 0.00
SOUTHOLD___IC 23719	22.24 1.82 0.00	20.42 1.56 0.00	20.27 1.36 0.00	19.35 1.27 0.00	20.79 1.27 0.00	21.65 1.42 0.00	30.68 1.24 0.00	34.13 0.90 0.00	31.31 1.94 0.00	28.69 2.03 0.00	28.07 1.61 0.00	28.07 1.66 0.00	29.49 2.14 0.00	31.59 2.04 0.00	32.71 1.85 0.00	36.28 2.37 0.00	42.18 3.87 0.00	59.62 5.02 -3.41	47.36 4.07 0.00	40.20 3.42 0.00	37.39 2.93 0.00	32.42 2.75 -0.74	27.56 2.30 0.00	24.83 2.05 0.00
SOUTH_FORK_WT_PWR 323839	22.06 1.63 0.00	20.24 1.38 0.00	20.10 1.19 0.00	19.16 1.08 0.00	20.59 1.07 0.00	21.45 1.21 0.00	30.38 0.94 0.00	33.80 0.56 0.00	31.05 1.67 0.00	28.48 1.81 0.00	27.78 1.32 0.00	27.75 1.35 0.00	29.19 1.83 0.00	31.27 1.71 0.00	32.37 1.51 0.00	35.91 2.00 0.00	41.76 3.45 0.00	59.11 4.51 -3.40	46.88 3.59 0.00	39.80 3.02 0.00	36.98 2.51 0.00	32.13 2.46 -0.74	27.28 2.02 0.00	24.65 1.87 0.00
SPIERFLS_115KV_TB 1 80737	21.22 0.80 0.00	19.61 0.75 0.00	19.63 0.72 0.00	18.75 0.67 0.00	20.24 0.72 0.00	21.13 0.89 0.00	30.74 1.30 0.00	34.59 1.36 0.00	30.61 1.23 0.00	27.76 1.09 0.00	27.49 1.03 0.00	27.33 0.92 0.00	28.31 0.96 0.00	30.59 1.03 0.00	32.00 1.14 0.00	35.36 1.46 0.00	39.99 1.69 0.00	53.71 2.51 0.00	45.24 1.95 0.00	38.47 1.69 0.00	35.87 1.41 0.00	30.06 1.13 0.00	26.24 0.99 0.00	24.19 1.41 0.00
ST LAWRENCE____ 23600	20.16 -0.27 0.00	18.60 -0.26 0.00	18.62 -0.28 0.01	13.55 -0.29 4.24	9.60 -0.31 9.61	11.93 -0.32 7.98	11.49 -0.47 17.48	29.50 -0.53 3.20	11.57 -0.47 17.34	24.20 -0.40 2.07	24.01 -0.40 2.05	23.96 -0.40 2.05	24.86 -0.38 2.11	26.90 -0.41 2.24	28.11 -0.43 2.32	31.32 -0.54 2.04	37.55 -0.61 0.15	48.33 -0.82 2.05	39.64 -0.61 3.05	17.64 -0.59 18.55	25.00 -0.52 8.95	15.00 -0.46 13.47	23.35 -0.38 1.53	21.08 -0.32 1.38
STATE_CA_115KV_115_LB 55624	21.32 0.90 0.00	19.71 0.85 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.15 0.91 0.00	30.77 1.32 0.00	34.69 1.46 0.00	30.73 1.35 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.54 1.14 0.00	28.56 1.20 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.60 1.70 0.00	40.26 1.95 0.00	53.81 2.61 0.00	45.41 2.12 0.00	38.62 1.84 0.00	36.12 1.65 0.00	30.29 1.36 0.00	26.37 1.11 0.00	23.76 0.98 0.00

STATE_ST_34_KV_LOAD 55959	20.24 -0.18 0.00	18.65 -0.21 0.00	18.70 -0.21 0.00	17.90 -0.18 0.00	19.37 -0.16 0.00	20.16 -0.08 0.00	29.47 0.03 0.00	33.20 -0.03 0.00	29.40 0.03 0.00	26.72 0.05 0.00	26.49 0.03 0.00	26.46 0.05 0.00	27.36 0.00 0.00	29.59 0.03 0.00	30.89 0.03 0.00	33.70 -0.20 0.00	38.16 -0.15 0.00	53.60 -0.15 -2.55	43.16 -0.13 0.00	36.67 -0.11 0.00	34.36 -0.10 0.00	28.90 -0.03 0.00	25.23 -0.03 0.00	22.76 -0.02 0.00
STATION_5_MISC_HYD 23604	19.48 -0.94 0.00	17.94 -0.92 0.00	17.91 -1.00 0.00	17.16 -0.92 0.00	18.64 -0.88 0.00	19.49 -0.75 0.00	28.32 -1.12 0.00	31.84 -1.39 0.00	27.88 -1.50 0.00	25.31 -1.36 0.00	25.22 -1.24 0.00	25.19 -1.21 0.00	25.90 -1.45 0.00	28.11 -1.45 0.00	29.22 -1.64 0.00	31.40 -2.51 0.00	35.47 -2.83 0.00	44.83 -3.84 2.53	40.22 -3.07 0.00	34.28 -2.50 0.00	32.40 -2.07 0.00	27.51 -1.42 0.00	24.05 -1.21 0.00	21.96 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.81 -0.61 0.00	18.24 -0.62 0.00	18.23 -0.68 0.00	17.45 -0.63 0.00	18.96 -0.57 0.00	19.79 -0.45 0.00	28.88 -0.56 0.00	32.53 -0.70 0.00	28.55 -0.82 0.00	25.89 -0.77 0.00	25.77 -0.69 0.00	25.74 -0.66 0.00	26.51 -0.85 0.00	28.73 -0.83 0.00	29.93 -0.93 0.00	32.31 -1.59 0.00	36.59 -1.72 0.00	43.83 -2.30 5.06	41.43 -1.86 0.00	35.31 -1.47 0.00	33.19 -1.28 0.00	28.09 -0.84 0.00	24.53 -0.73 0.00	22.28 -0.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.42 -1.00 0.00	17.88 -0.98 0.00	17.85 -1.06 0.00	17.10 -0.98 0.00	18.56 -0.96 0.00	19.41 -0.83 0.00	28.20 -1.24 0.00	31.74 -1.50 0.00	27.82 -1.56 0.00	25.20 -1.47 0.00	25.14 -1.32 0.00	25.14 -1.27 0.00	25.85 -1.50 0.00	28.05 -1.51 0.00	29.19 -1.67 0.00	31.40 -2.51 0.00	35.44 -2.87 0.00	44.29 -3.89 3.02	40.18 -3.12 0.00	34.24 -2.54 0.00	32.33 -2.14 0.00	27.46 -1.48 0.00	23.99 -1.26 0.00	21.87 -0.91 0.00
STA_56___34_KV_BUS2 355983	19.42 -1.00 0.00	17.88 -0.98 0.00	17.85 -1.06 0.00	17.10 -0.98 0.00	18.56 -0.96 0.00	19.41 -0.83 0.00	28.20 -1.24 0.00	31.74 -1.50 0.00	27.82 -1.56 0.00	25.20 -1.47 0.00	25.14 -1.32 0.00	25.14 -1.27 0.00	25.85 -1.50 0.00	28.05 -1.51 0.00	29.19 -1.67 0.00	31.40 -2.51 0.00	35.44 -2.87 0.00	44.29 -3.89 3.02	40.18 -3.12 0.00	34.24 -2.54 0.00	32.33 -2.14 0.00	27.46 -1.48 0.00	23.99 -1.26 0.00	21.87 -0.91 0.00
STA_67___115KV_BK2 355882	19.46 -0.96 0.00	17.92 -0.94 0.00	17.89 -1.02 0.00	17.14 -0.94 0.00	18.60 -0.92 0.00	19.47 -0.77 0.00	28.23 -1.21 0.00	31.74 -1.50 0.00	27.82 -1.56 0.00	25.20 -1.47 0.00	25.16 -1.30 0.00	25.14 -1.27 0.00	25.82 -1.53 0.00	28.05 -1.51 0.00	29.16 -1.70 0.00	31.33 -2.58 0.00	35.36 -2.95 0.00	44.69 -3.99 2.51	40.13 -3.16 0.00	34.21 -2.57 0.00	32.33 -2.14 0.00	27.46 -1.48 0.00	24.02 -1.24 0.00	21.94 -0.84 0.00
STA_7___115KV_9TRANS 80674	19.55 -0.88 0.00	17.99 -0.87 0.00	17.96 -0.95 0.00	17.21 -0.87 0.00	18.68 -0.84 0.00	19.55 -0.69 0.00	28.41 -1.03 0.00	31.97 -1.26 0.00	27.99 -1.38 0.00	25.36 -1.31 0.00	25.32 -1.14 0.00	25.29 -1.11 0.00	25.99 -1.37 0.00	28.23 -1.33 0.00	29.38 -1.48 0.00	31.57 -2.34 0.00	35.63 -2.68 0.00	45.04 -3.64 2.53	40.44 -2.86 0.00	34.46 -2.32 0.00	32.53 -1.93 0.00	27.66 -1.27 0.00	24.15 -1.11 0.00	22.05 -0.73 0.00
STA_82___115KV_TB1 80780	19.46 -0.96 0.00	17.92 -0.94 0.00	17.89 -1.02 0.00	17.14 -0.94 0.00	18.60 -0.92 0.00	19.47 -0.77 0.00	28.23 -1.21 0.00	31.77 -1.46 0.00	27.82 -1.56 0.00	25.20 -1.47 0.00	25.16 -1.30 0.00	25.14 -1.27 0.00	25.82 -1.53 0.00	28.05 -1.51 0.00	29.16 -1.70 0.00	31.36 -2.54 0.00	35.40 -2.91 0.00	44.63 -3.99 2.58	40.13 -3.16 0.00	34.21 -2.57 0.00	32.33 -2.14 0.00	27.48 -1.45 0.00	24.02 -1.24 0.00	21.94 -0.84 0.00
STEEL___WIND 323596	19.36 -1.06 0.00	17.77 -1.09 0.00	17.70 -1.21 0.00	17.00 -1.08 0.00	18.49 -1.04 0.00	19.43 -0.81 0.00	28.03 -1.41 0.00	31.10 -2.13 0.00	27.11 -2.26 0.00	24.72 -1.95 0.00	24.66 -1.80 0.00	24.66 -1.74 0.00	25.19 -2.16 0.00	27.46 -2.10 0.00	28.30 -2.56 0.00	30.37 -3.53 0.01	34.32 -3.98 0.01	43.66 -5.53 2.01	38.87 -4.42 0.01	33.13 -3.64 0.01	31.33 -3.14 0.00	26.82 -2.11 0.00	23.64 -1.62 0.00	21.98 -0.80 0.00
STEPHTWN_115KV_BK_2 55603	21.42 1.00 0.00	19.78 0.92 0.00	19.86 0.95 0.00	18.97 0.89 0.00	20.48 0.96 0.00	21.25 1.01 0.00	30.94 1.50 0.00	34.89 1.66 0.00	30.87 1.50 0.00	27.97 1.31 0.00	27.73 1.27 0.00	27.67 1.27 0.00	28.67 1.31 0.00	31.00 1.45 0.00	32.43 1.57 0.00	35.80 1.90 0.00	40.49 2.18 0.00	54.22 3.02 0.00	45.76 2.47 0.00	38.88 2.10 0.00	36.36 1.90 0.00	30.46 1.53 0.00	26.52 1.26 0.00	23.87 1.09 0.00
STEUBEN_REC_LFGE 323667	19.50 -0.92 0.00	17.94 -0.92 0.00	17.87 -1.04 0.00	17.10 -0.98 0.00	18.53 -1.00 0.00	19.47 -0.77 0.00	28.50 -0.94 0.00	31.87 -1.36 0.00	27.79 -1.59 0.00	25.36 -1.31 0.00	25.16 -1.30 0.00	25.14 -1.27 0.00	25.80 -1.56 0.00	27.99 -1.57 0.00	29.16 -1.70 0.00	31.50 -2.41 0.00	35.62 -2.68 0.00	49.06 -3.64 -1.49	40.26 -3.03 0.00	34.09 -2.68 0.00	31.77 -2.69 0.00	26.99 -1.94 0.00	23.72 -1.54 0.00	21.73 -1.05 0.00
STILLWATER___SOLAR 323814	21.55 1.12 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.40 0.88 0.00	21.23 0.99 0.00	30.88 1.44 0.00	34.79 1.56 0.00	30.78 1.41 0.00	27.87 1.20 0.00	27.62 1.16 0.00	27.54 1.13 0.00	28.53 1.18 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.63 1.73 0.00	40.30 1.99 0.00	53.96 2.76 0.00	45.54 2.25 0.00	38.73 1.95 0.00	36.18 1.72 0.00	30.32 1.39 0.00	26.42 1.16 0.00	23.96 1.18 0.00
STONY___BROOK 24151	22.30 1.88 0.00	20.48 1.62 0.00	20.37 1.46 0.00	19.40 1.32 0.00	20.91 1.39 0.00	21.77 1.54 0.00	30.94 1.50 0.00	34.36 1.13 0.00	31.46 2.09 0.00	28.77 2.11 0.00	28.45 1.99 0.00	28.41 2.01 0.00	29.73 2.38 0.00	31.77 2.22 0.00	32.90 2.04 0.00	36.41 2.51 0.00	42.10 3.79 0.00	59.48 4.87 -3.42	47.36 4.07 0.00	40.20 3.42 0.00	37.46 3.00 0.00	32.45 2.78 -0.74	27.68 2.43 0.00	24.79 2.01 0.00
STURGEON_POOL_HYD 23609	21.26 0.84 0.00	19.60 0.74 0.00	19.68 0.78 0.00	18.80 0.72 0.00	20.26 0.74 0.00	20.96 0.73 0.00	30.50 1.06 0.00	34.49 1.26 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.52 1.06 0.00	27.43 1.03 0.00	28.56 1.20 0.00	30.77 1.21 0.00	32.16 1.30 0.00	35.60 1.70 0.00	40.30 1.99 0.00	53.74 2.56 0.02	45.37 2.08 0.00	38.55 1.77 0.00	36.08 1.62 0.00	30.18 1.24 0.00	26.32 1.06 0.00	23.62 0.84 0.00
ST_LAW_115_BK7_LBMP 345037	20.16 -0.27 0.00	18.60 -0.26 0.00	18.60 -0.30 0.01	13.55 -0.29 4.24	9.60 -0.31 9.61	11.93 -0.32 7.98	11.49 -0.47 17.48	29.50 -0.53 3.20	11.57 -0.47 17.34	24.20 -0.40 2.07	24.01 -0.40 2.05	23.96 -0.38 2.05	24.86 -0.38 2.11	26.90 -0.41 2.24	28.11 -0.43 2.32	31.32 -0.54 2.04	37.55 -0.61 0.15	48.33 -0.82 2.05	39.64 -0.61 3.05	17.64 -0.59 18.55	25.00 -0.52 8.95	15.00 -0.46 13.47	23.35 -0.38 1.53	21.08 -0.32 1.38

ST_LAW_115_BK8_LBMP 345038	20.16 -0.27 0.00	18.60 -0.26 0.00	18.60 -0.30 0.01	13.55 -0.29 4.24	9.60 -0.31 9.61	11.93 -0.32 7.98	11.49 -0.47 17.48	29.50 -0.53 3.20	11.57 -0.47 17.34	24.20 -0.40 2.07	24.01 -0.40 2.05	23.96 -0.40 2.05	24.86 -0.38 2.11	26.90 -0.41 2.24	28.11 -0.43 2.32	31.32 -0.54 2.04	37.55 -0.61 0.15	48.33 -0.82 2.05	39.64 -0.61 3.05	17.64 -0.59 18.55	25.00 -0.52 8.95	15.00 -0.46 13.47	23.35 -0.38 1.53	21.08 -0.32 1.38
ST_LAW_230_BK5_LBMP 345035	20.16 -0.27 0.00	18.60 -0.26 0.00	18.62 -0.28 0.01	13.55 -0.29 4.24	9.60 -0.31 9.61	11.93 -0.32 7.98	11.49 -0.47 17.48	29.50 -0.53 3.20	11.57 -0.47 17.34	24.20 -0.40 2.07	24.01 -0.40 2.05	23.96 -0.40 2.05	24.86 -0.38 2.11	26.90 -0.41 2.24	28.11 -0.43 2.32	31.32 -0.54 2.04	37.55 -0.61 0.15	48.33 -0.82 2.05	39.64 -0.61 3.05	17.64 -0.59 18.55	25.00 -0.52 8.95	15.00 -0.46 13.47	23.35 -0.38 1.53	21.08 -0.32 1.38
ST_LAW_230_BK6_LBMP 345036	20.16 -0.27 0.00	18.60 -0.26 0.00	18.62 -0.28 0.01	13.55 -0.29 4.24	9.60 -0.31 9.61	11.93 -0.32 7.98	11.49 -0.47 17.48	29.50 -0.53 3.20	11.57 -0.47 17.34	24.20 -0.40 2.07	24.01 -0.40 2.05	23.96 -0.40 2.05	24.86 -0.38 2.11	26.90 -0.41 2.24	28.11 -0.43 2.32	31.32 -0.54 2.04	37.55 -0.61 0.15	48.33 -0.82 2.05	39.64 -0.61 3.05	17.64 -0.59 18.55	25.00 -0.52 8.95	15.00 -0.46 13.47	23.35 -0.38 1.53	21.08 -0.32 1.38
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.47 1.04 0.00	19.80 0.94 0.00	19.84 0.93 0.00	18.95 0.87 0.00	20.42 0.90 0.00	21.19 0.95 0.00	30.83 1.38 0.00	34.86 1.63 0.00	30.96 1.59 0.00	28.05 1.39 0.00	27.81 1.35 0.00	27.72 1.32 0.00	28.83 1.48 0.00	31.06 1.51 0.00	32.43 1.57 0.00	35.91 2.00 0.00	40.65 2.34 0.00	54.30 3.12 0.02	45.89 2.60 0.00	38.99 2.21 0.00	36.46 2.00 0.00	30.49 1.56 0.00	26.62 1.36 0.00	23.87 1.09 0.00
SWANROAD_115KV_TB1 355699	18.71 -1.72 0.00	17.18 -1.68 0.00	17.09 -1.82 0.00	16.42 -1.66 0.00	17.86 -1.66 0.00	18.76 -1.48 0.00	26.94 -2.50 0.00	29.84 -3.39 0.00	26.05 -3.32 0.00	23.65 -3.01 0.00	23.71 -2.75 0.00	23.71 -2.69 0.00	24.15 -3.20 0.00	26.34 -3.22 0.00	27.16 -3.70 0.00	28.98 -4.92 0.01	32.56 -5.75 0.01	40.86 -7.99 2.35	36.92 -6.36 0.01	31.48 -5.30 0.01	30.02 -4.45 0.00	25.81 -3.12 0.00	22.73 -2.53 0.00	21.19 -1.59 0.00
SYNERGY___BIOGAS 323694	19.38 -1.04 0.00	17.80 -1.06 0.00	17.74 -1.17 0.00	17.01 -1.07 0.00	18.53 -0.99 0.00	19.49 -0.75 0.00	28.23 -1.21 0.00	31.60 -1.63 0.00	27.55 -1.82 0.00	25.01 -1.65 0.00	24.92 -1.54 0.00	24.92 -1.48 0.00	25.49 -1.86 0.00	27.75 -1.80 0.00	28.76 -2.10 0.00	30.61 -3.29 0.00	34.67 -3.64 0.00	43.79 -4.97 2.44	39.35 -3.94 0.00	33.65 -3.13 0.00	31.84 -2.62 0.00	27.22 -1.71 0.00	23.84 -1.41 0.00	22.03 -0.75 0.00
SYRACUSE___ENERGY_ST1 323597	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.22 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.45 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.58 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	20.20 -0.22 0.00	18.63 -0.23 0.00	18.68 -0.23 0.00	17.86 -0.22 0.00	19.33 -0.20 0.00	20.07 -0.16 0.00	29.29 -0.15 0.00	33.03 -0.20 0.00	29.14 -0.23 0.00	26.48 -0.19 0.00	26.27 -0.19 0.00	26.24 -0.16 0.00	27.14 -0.22 0.00	29.32 -0.24 0.00	30.64 -0.22 0.00	33.50 -0.41 0.00	37.85 -0.46 0.00	51.45 -0.61 -0.87	42.77 -0.52 0.00	36.34 -0.44 0.00	34.08 -0.38 0.00	28.64 -0.29 0.00	25.03 -0.23 0.00	22.58 -0.21 0.00
SYRACUSE___POWER 24017	20.18 -0.25 0.00	18.61 -0.25 0.00	18.64 -0.26 0.00	17.84 -0.24 0.00	19.29 -0.23 0.00	20.05 -0.18 0.00	29.24 -0.21 0.00	33.00 -0.23 0.00	29.08 -0.29 0.00	26.43 -0.24 0.00	26.22 -0.24 0.00	26.16 -0.24 0.00	27.08 -0.27 0.00	29.26 -0.30 0.00	30.55 -0.31 0.00	33.43 -0.47 0.00	37.73 -0.57 0.00	50.90 -0.77 -0.47	42.69 -0.61 0.00	36.27 -0.51 0.00	34.01 -0.45 0.00	28.61 -0.32 0.00	24.98 -0.28 0.00	22.53 -0.25 0.00
TALLMAN___138KV_BK151 55660	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.04 0.96 0.00	20.52 1.00 0.00	21.31 1.07 0.00	31.00 1.56 0.00	35.06 1.83 0.00	31.14 1.76 0.00	28.21 1.55 0.00	27.99 1.53 0.00	27.91 1.50 0.00	29.05 1.70 0.00	31.27 1.71 0.00	32.62 1.76 0.00	36.11 2.20 0.00	40.91 2.60 0.00	54.61 3.43 0.02	46.15 2.86 0.00	39.24 2.46 0.00	36.67 2.21 0.00	30.67 1.74 0.00	26.77 1.52 0.00	24.01 1.23 0.00
TEALLAVE_115KV_TB7 355573	20.10 -0.33 0.00	18.54 -0.32 0.00	18.59 -0.32 0.00	17.77 -0.31 0.00	19.23 -0.29 0.00	19.97 -0.26 0.00	29.12 -0.32 0.00	32.87 -0.37 0.00	28.96 -0.41 0.00	26.32 -0.35 0.00	26.12 -0.34 0.00	26.09 -0.32 0.00	26.97 -0.38 0.00	29.17 -0.38 0.00	30.43 -0.43 0.00	33.30 -0.61 0.00	37.58 -0.73 0.00	50.18 -1.02 0.00	42.47 -0.82 0.00	36.08 -0.70 0.00	33.88 -0.59 0.00	28.50 -0.43 0.00	24.88 -0.38 0.00	22.46 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	19.14 -1.29 0.00	17.58 -1.28 0.00	17.51 -1.40 0.00	16.80 -1.28 0.00	18.29 -1.23 0.00	19.20 -1.03 0.00	27.73 -1.71 0.00	30.90 -2.33 0.00	26.97 -2.41 0.00	24.45 -2.21 0.00	24.48 -1.98 0.00	24.48 -1.93 0.00	25.00 -2.35 0.00	27.25 -2.31 0.00	28.14 -2.72 0.00	30.04 -3.87 0.00	33.86 -4.44 0.00	42.66 -6.14 2.40	38.40 -4.89 0.00	32.77 -4.01 0.00	31.12 -3.34 0.00	26.67 -2.26 0.00	23.44 -1.82 0.00	21.73 -1.05 0.00
TEMPLE___115KV_TB 2 55572	20.12 -0.31 0.00	18.56 -0.30 0.00	18.59 -0.32 0.00	17.79 -0.29 0.00	19.23 -0.29 0.00	19.99 -0.24 0.00	29.15 -0.29 0.00	32.90 -0.33 0.00	28.99 -0.38 0.00	26.35 -0.32 0.00	26.14 -0.32 0.00	26.11 -0.29 0.00	27.00 -0.36 0.00	29.17 -0.38 0.00	30.46 -0.40 0.00	33.30 -0.61 0.00	37.58 -0.73 0.00	50.23 -0.97 0.00	42.47 -0.82 0.00	36.08 -0.70 0.00	33.88 -0.59 0.00	28.50 -0.43 0.00	24.90 -0.35 0.00	22.46 -0.32 0.00
TIANA____69_KV_BK 1 55817	22.32 1.90 0.00	20.52 1.66 0.00	20.37 1.46 0.00	19.51 1.43 0.00	20.87 1.35 0.00	21.73 1.50 0.00	30.94 1.50 0.00	34.23 1.00 0.00	31.43 2.06 0.00	28.91 2.24 0.00	28.18 1.72 0.00	28.14 1.74 0.00	29.60 2.24 0.00	31.74 2.19 0.00	32.87 2.01 0.00	36.38 2.48 0.00	42.18 3.87 0.00	59.57 4.97 -3.40	47.49 4.20 0.00	40.27 3.49 0.00	37.49 3.03 0.00	32.51 2.84 -0.74	27.68 2.42 0.00	24.83 2.05 0.00
TILDEN___115KV_TB1 80814	20.18 -0.25 0.00	18.61 -0.25 0.00	18.64 -0.26 0.00	17.84 -0.24 0.00	19.29 -0.23 0.00	20.05 -0.18 0.00	29.24 -0.21 0.00	33.00 -0.23 0.00	29.08 -0.29 0.00	26.43 -0.24 0.00	26.22 -0.24 0.00	26.16 -0.24 0.00	27.08 -0.27 0.00	29.26 -0.30 0.00	30.55 -0.31 0.00	33.43 -0.47 0.00	37.73 -0.57 0.00	50.90 -0.77 -0.47	42.69 -0.61 0.00	36.27 -0.51 0.00	34.01 -0.45 0.00	28.61 -0.32 0.00	24.98 -0.28 0.00	22.53 -0.25 0.00

TRIGEN___CC 323695	22.06 1.63 0.00	20.27 1.41 0.00	20.23 1.32 0.00	19.31 1.23 0.00	20.77 1.25 0.00	21.61 1.38 0.00	31.12 1.68 0.00	34.76 1.53 0.00	31.46 2.09 0.00	28.77 2.11 0.00	28.50 2.04 0.00	28.46 2.06 0.00	29.65 2.30 0.00	31.77 2.22 0.00	32.96 2.10 0.00	36.45 2.54 0.00	41.76 3.45 0.00	61.66 4.51 -5.96	47.01 3.72 0.00	39.91 3.13 0.00	37.22 2.76 0.00	32.10 2.43 -0.74	27.35 2.10 0.00	24.49 1.71 0.00
TRINITY___115KV___4 BK 55933	21.26 0.84 0.00	19.65 0.79 0.00	19.72 0.81 0.00	18.86 0.78 0.00	20.34 0.82 0.00	21.09 0.85 0.00	30.68 1.24 0.00	34.59 1.36 0.00	30.64 1.26 0.00	27.76 1.09 0.00	27.52 1.06 0.00	27.46 1.06 0.00	28.45 1.09 0.00	30.77 1.21 0.00	32.16 1.30 0.00	35.50 1.59 0.00	40.11 1.80 0.00	53.66 2.46 0.00	45.28 1.99 0.00	38.51 1.73 0.00	36.01 1.55 0.00	30.18 1.24 0.00	26.32 1.06 0.00	23.69 0.91 0.00
UNION___PROCESSING_DRP 323587	19.46 -0.96 0.00	17.92 -0.94 0.00	17.89 -1.02 0.00	17.14 -0.94 0.00	18.60 -0.92 0.00	19.47 -0.77 0.00	28.23 -1.21 0.00	31.77 -1.46 0.00	27.82 -1.56 0.00	25.23 -1.44 0.00	25.16 -1.30 0.00	25.14 -1.27 0.00	25.82 -1.53 0.00	28.05 -1.51 0.00	29.16 -1.70 0.00	31.36 -2.54 0.00	35.40 -2.91 0.00	44.66 -3.94 2.60	40.13 -3.16 0.00	34.21 -2.57 0.00	32.33 -2.14 0.00	27.48 -1.45 0.00	24.02 -1.24 0.00	21.94 -0.84 0.00
UPPER HUDSON___HYD 24058	21.75 1.33 0.00	20.12 1.26 0.00	20.12 1.21 0.00	19.22 1.14 0.00	20.24 0.72 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.59 1.36 0.00	30.61 1.23 0.00	27.73 1.07 0.00	27.49 1.03 0.00	27.33 0.92 0.00	28.31 0.96 0.00	30.59 1.03 0.00	32.00 1.14 0.00	35.36 1.46 0.00	39.99 1.68 0.00	53.66 2.46 0.00	45.24 1.95 0.00	38.47 1.69 0.00	35.88 1.41 0.00	30.06 1.13 0.00	26.24 0.98 0.00	24.19 1.41 0.00
UPPER RAQUET___HYD 24056	20.71 0.29 0.00	19.27 0.41 0.00	19.10 0.19 0.00	16.54 0.16 1.70	15.88 0.22 3.85	31.27 0.36 -10.67	37.42 1.03 -6.95	59.59 1.26 -25.10	37.28 0.82 -7.08	49.12 0.77 -21.68	48.74 0.71 -21.56	48.59 0.66 -21.53	50.15 0.66 -22.13	53.59 0.53 -23.50	55.72 0.52 -24.33	55.87 0.54 -21.42	40.79 0.96 -1.52	61.81 1.99 -8.61	77.35 2.08 -31.98	49.05 1.25 -11.02	55.56 1.31 -19.78	24.39 0.87 5.40	41.95 0.63 -16.06	37.71 0.48 -14.45
VALLEY44_115KV_TB2 355964	19.97 -0.45 0.00	18.35 -0.51 0.00	18.25 -0.66 0.00	17.56 -0.52 0.00	19.07 -0.45 0.00	20.09 -0.14 0.00	29.00 -0.44 0.00	32.20 -1.03 0.00	27.93 -1.44 0.00	25.25 -1.41 0.00	25.24 -1.22 0.00	25.24 -1.16 0.00	25.80 -1.56 0.00	28.05 -1.51 0.00	29.01 -1.85 0.00	31.60 -2.31 0.00	36.01 -2.30 0.00	46.65 -3.12 1.42	40.56 -2.73 0.00	34.61 -2.17 0.00	32.22 -2.24 0.00	27.46 -1.48 0.00	24.20 -1.06 0.00	22.46 -0.32 0.00
VALLEY___115KV_TB 1-4 80826	20.71 0.29 0.00	19.14 0.28 0.00	19.16 0.25 0.00	18.49 0.18 -0.23	20.18 0.14 -0.52	20.68 0.08 -0.37	30.41 0.09 -0.88	33.37 0.10 -0.04	30.34 0.09 -0.88	26.77 0.11 0.00	26.57 0.11 0.00	26.51 0.11 0.00	27.49 0.14 0.00	29.70 0.15 0.00	31.04 0.19 0.00	34.25 0.34 0.00	38.69 0.38 0.00	51.78 0.51 -0.06	43.64 0.35 0.00	37.88 0.18 -0.92	34.97 0.14 -0.37	29.72 0.06 -0.73	25.28 0.03 0.00	22.76 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.30 0.88 0.00	19.78 0.92 0.00	19.82 0.91 0.00	18.98 0.90 0.00	20.52 1.00 0.00	21.25 1.01 0.00	31.00 1.56 0.00	35.03 1.79 0.00	30.90 1.53 0.00	28.19 1.52 0.00	27.92 1.46 0.00	27.85 1.45 0.00	28.86 1.50 0.00	31.12 1.57 0.00	32.46 1.60 0.00	35.77 1.86 0.00	40.42 2.11 0.00	54.00 2.87 0.07	45.67 2.38 0.00	38.66 1.88 0.00	36.25 1.79 0.00	30.41 1.48 0.00	26.50 1.24 0.00	23.83 1.05 0.00
VISCHER___FERRY HYD 24020	21.34 0.92 0.00	19.73 0.87 0.00	19.78 0.87 0.00	18.91 0.83 0.00	20.36 0.84 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.66 1.43 0.00	30.67 1.29 0.00	27.79 1.12 0.00	27.57 1.11 0.00	27.49 1.08 0.00	28.45 1.10 0.00	30.80 1.24 0.00	32.19 1.33 0.00	35.50 1.59 0.00	40.15 1.84 0.00	53.71 2.51 0.00	45.37 2.08 0.00	38.55 1.77 0.00	36.05 1.59 0.00	30.23 1.30 0.00	26.34 1.09 0.00	23.78 1.00 0.00
V_A_10_SYNC_DSASP 323832	19.03 -1.39 0.00	17.52 -1.34 0.00	17.47 -1.44 0.00	16.74 -1.34 0.00	18.19 -1.33 0.00	19.06 -1.17 0.00	27.50 -1.94 0.00	30.67 -2.56 0.00	26.82 -2.56 0.00	24.43 -2.24 0.00	24.34 -2.12 0.00	24.32 -2.09 0.00	24.89 -2.46 0.00	27.07 -2.48 0.00	28.02 -2.84 0.00	29.94 -3.97 0.00	33.68 -4.64 0.00	43.29 -6.35 1.56	38.23 -5.07 0.00	32.59 -4.19 0.00	31.02 -3.45 0.00	26.53 -2.40 0.00	23.31 -1.94 0.00	21.48 -1.30 0.00
V_CMM_10_SYNC_DSASP 323787	20.24 -0.18 0.00	18.67 -0.19 0.00	18.68 -0.23 0.01	13.62 -0.22 4.24	9.68 -0.23 9.61	12.02 -0.24 7.98	11.61 -0.35 17.48	29.63 -0.40 3.20	11.69 -0.35 17.34	24.31 -0.29 2.07	24.14 -0.26 2.05	24.09 -0.26 2.05	25.00 -0.25 2.11	27.02 -0.30 2.24	28.26 -0.28 2.32	31.46 -0.41 2.04	37.74 -0.42 0.15	48.59 -0.56 2.05	39.81 -0.43 3.05	17.79 -0.44 18.55	25.14 -0.38 8.95	15.15 -0.32 13.47	23.47 -0.25 1.53	21.20 -0.21 1.38
V_CMP_10_SYNC_DSASP 323788	20.18 -0.24 0.00	18.58 -0.28 0.00	18.37 -0.53 0.01	13.57 -0.60 3.91	9.94 -0.72 8.86	-6.94 -0.69 26.49	-6.82 -0.88 35.38	-7.25 -1.13 39.35	-6.97 -1.00 35.35	-7.22 -0.93 32.96	-7.20 -0.87 32.78	-7.22 -0.90 32.73	-7.20 -0.90 33.65	-7.18 -1.01 35.73	-7.15 -1.02 37.00	0.14 -1.19 32.57	34.73 -1.26 2.32	34.71 -1.59 14.91	-6.49 -1.17 48.61	-7.00 -1.21 42.57	-7.10 -1.07 40.50	15.68 -0.84 12.41	0.08 -0.76 24.42	0.10 -0.71 21.98
V_D_10_SYNC_DSASP 323841	20.32 -0.10 0.00	18.75 -0.11 0.00	18.75 -0.15 0.01	13.69 -0.15 4.24	9.76 -0.16 9.61	12.12 -0.14 7.98	11.76 -0.20 17.48	29.93 -0.10 3.20	11.83 -0.20 17.34	24.42 -0.19 2.07	24.27 -0.13 2.05	24.22 -0.13 2.05	25.14 -0.11 2.11	27.20 -0.12 2.24	28.42 -0.12 2.32	31.63 -0.24 2.04	37.93 -0.23 0.15	48.84 -0.31 2.05	40.03 -0.22 3.05	17.98 -0.26 18.55	25.31 -0.21 8.95	15.29 -0.17 13.47	23.60 -0.13 1.53	21.33 -0.07 1.38
V_E_10_SYNC_DSASP 323830	21.30 0.88 0.00	19.88 1.02 0.00	19.80 0.89 0.00	19.04 0.96 0.00	20.67 1.15 0.00	21.55 1.31 0.00	31.77 2.33 0.00	35.82 2.59 0.00	31.34 1.97 0.00	28.64 1.97 0.00	28.26 1.80 0.00	28.28 1.87 0.00	29.27 1.91 0.00	31.54 1.98 0.00	32.96 2.10 0.00	36.21 2.31 0.00	41.18 2.87 0.00	55.95 4.20 -0.55	46.76 3.46 0.00	39.28 2.50 0.00	36.87 2.41 0.00	30.87 1.94 0.00	26.82 1.57 0.00	24.08 1.30 0.00
V_F_30_NSYNC___DSASP 323816	21.55 1.12 0.00	19.92 1.06 0.00	19.95 1.04 0.00	19.06 0.98 0.00	20.42 0.90 0.00	21.25 1.01 0.00	30.91 1.47 0.00	34.83 1.60 0.00	30.81 1.44 0.00	27.89 1.23 0.00	27.65 1.19 0.00	27.56 1.16 0.00	28.56 1.20 0.00	30.86 1.30 0.00	32.31 1.45 0.00	35.67 1.76 0.00	40.30 1.99 0.00	54.01 2.81 0.00	45.58 2.29 0.00	38.73 1.95 0.00	36.18 1.72 0.00	30.35 1.42 0.00	26.42 1.16 0.00	23.96 1.18 0.00

V_F_30_SYNC_DSASP 323786	21.32 0.90 0.00	19.71 0.85 0.00	19.78 0.87 0.00	18.89 0.81 0.00	20.38 0.86 0.00	21.15 0.91 0.00	30.77 1.32 0.00	34.69 1.46 0.00	30.73 1.35 0.00	27.84 1.17 0.00	27.60 1.14 0.00	27.54 1.14 0.00	28.56 1.20 0.00	30.86 1.30 0.00	32.28 1.42 0.00	35.60 1.70 0.00	40.26 1.95 0.00	53.81 2.61 0.00	45.41 2.12 0.00	38.62 1.84 0.00	36.12 1.65 0.00	30.29 1.36 0.00	26.37 1.11 0.00	23.76 0.98 0.00
V_XM_10_SYNC_DSASP 323789	20.18 -0.24 0.00	18.58 -0.28 0.00	18.37 -0.53 0.01	13.57 -0.60 3.91	9.94 -0.72 8.86	-6.94 -0.69 26.49	-6.82 -0.88 35.38	-7.25 -1.13 39.35	-6.97 -1.00 35.35	-7.22 -0.93 32.96	-7.20 -0.87 32.78	-7.22 -0.90 32.73	-7.20 -0.90 33.65	-7.18 -1.01 35.73	-7.15 -1.02 37.00	0.14 -1.19 32.57	34.73 -1.26 2.32	34.71 -1.59 14.91	-6.49 -1.17 48.61	-7.00 -1.21 42.57	-7.10 -1.07 40.50	15.68 -0.84 12.41	0.08 -0.76 24.42	0.10 -0.71 21.98
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.65 1.23 0.00	19.95 1.09 0.00	19.99 1.08 0.00	19.07 0.99 0.00	20.56 1.03 0.00	21.35 1.11 0.00	31.06 1.62 0.00	35.13 1.89 0.00	31.22 1.85 0.00	28.29 1.63 0.00	28.05 1.59 0.00	27.99 1.58 0.00	29.11 1.75 0.00	31.33 1.77 0.00	32.71 1.85 0.00	36.21 2.31 0.00	40.99 2.68 0.00	54.71 3.53 0.02	46.24 2.94 0.00	39.32 2.54 0.00	36.77 2.31 0.00	30.75 1.82 0.00	26.85 1.59 0.00	24.08 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.87 1.45 0.00	20.14 1.28 0.00	20.16 1.25 0.00	19.22 1.14 0.00	20.73 1.21 0.00	21.53 1.30 0.00	31.38 1.94 0.00	35.59 2.36 0.00	31.67 2.29 0.00	28.72 2.05 0.00	28.50 2.04 0.00	28.44 2.03 0.00	29.57 2.22 0.00	31.89 2.33 0.00	33.24 2.38 0.00	36.86 2.95 0.00	41.68 3.37 0.00	55.63 4.45 0.02	46.93 3.64 0.00	39.87 3.09 0.00	37.25 2.79 0.00	31.07 2.14 0.00	27.13 1.87 0.00	24.33 1.55 0.00
W50THST__13_KV_LOAD 356117	21.87 1.45 0.00	20.14 1.28 0.00	20.18 1.27 0.00	19.24 1.16 0.00	20.75 1.23 0.00	21.53 1.30 0.00	31.38 1.94 0.00	35.59 2.36 0.00	31.69 2.32 0.00	28.75 2.08 0.00	28.52 2.06 0.00	28.44 2.03 0.00	29.60 2.24 0.00	31.89 2.33 0.00	33.27 2.41 0.00	36.89 2.98 0.00	41.72 3.41 0.00	55.68 4.51 0.02	46.97 3.68 0.00	39.91 3.13 0.00	37.25 2.79 0.00	31.10 2.17 0.00	27.13 1.87 0.00	24.33 1.55 0.00
WADING RIVER_IC_1 23522	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.40 1.32 0.00	20.81 1.29 0.00	21.67 1.44 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.56 1.89 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.69 2.13 0.00	32.77 1.91 0.00	36.35 2.44 0.00	42.10 3.79 0.00	59.37 4.76 -3.40	47.41 4.11 0.00	40.20 3.42 0.00	37.46 3.00 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.79 2.01 0.00
WADING RIVER_IC_2 23547	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.40 1.32 0.00	20.81 1.29 0.00	21.67 1.44 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.56 1.89 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.69 2.13 0.00	32.77 1.91 0.00	36.35 2.44 0.00	42.10 3.79 0.00	59.37 4.76 -3.40	47.41 4.11 0.00	40.20 3.42 0.00	37.46 3.00 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.79 2.01 0.00
WADING RIVER_IC_3 23601	22.28 1.86 0.00	20.46 1.60 0.00	20.29 1.38 0.00	19.40 1.32 0.00	20.81 1.29 0.00	21.67 1.44 0.00	30.74 1.29 0.00	34.13 0.90 0.00	31.28 1.91 0.00	28.56 1.89 0.00	28.05 1.59 0.00	28.01 1.61 0.00	29.52 2.16 0.00	31.69 2.13 0.00	32.77 1.91 0.00	36.35 2.44 0.00	42.10 3.79 0.00	59.37 4.76 -3.40	47.41 4.11 0.00	40.20 3.42 0.00	37.46 3.00 0.00	32.45 2.78 -0.74	27.66 2.40 0.00	24.79 2.01 0.00
WALDENNY_12_KV_BK2 80841	19.34 -1.08 0.00	17.75 -1.11 0.00	17.66 -1.25 0.00	16.96 -1.12 0.00	18.45 -1.07 0.00	19.41 -0.83 0.00	27.94 -1.50 0.00	31.07 -2.16 0.00	27.08 -2.29 0.00	24.61 -2.05 0.00	24.66 -1.80 0.00	24.69 -1.72 0.00	25.17 -2.19 0.00	27.46 -2.10 0.00	28.30 -2.56 0.00	30.37 -3.53 0.01	34.24 -4.06 0.01	43.52 -5.63 2.05	38.78 -4.50 0.01	33.02 -3.75 0.01	31.26 -3.20 0.00	26.79 -2.14 0.00	23.62 -1.64 0.00	21.96 -0.82 0.00
WALDEN__HYDRO 24148	21.51 1.08 0.00	19.84 0.98 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.46 0.94 0.00	21.23 0.99 0.00	30.91 1.47 0.00	34.96 1.73 0.00	31.05 1.67 0.00	28.13 1.47 0.00	27.86 1.40 0.00	27.78 1.37 0.00	28.89 1.53 0.00	31.15 1.60 0.00	32.53 1.67 0.00	36.04 2.14 0.00	40.80 2.49 0.00	54.51 3.33 0.02	46.02 2.73 0.00	39.10 2.32 0.00	36.56 2.10 0.00	30.58 1.65 0.00	26.67 1.41 0.00	23.92 1.14 0.00
WARRENSBURG____ 23737	21.75 1.33 0.00	20.12 1.26 0.00	20.12 1.21 0.00	19.22 1.14 0.00	20.24 0.72 0.00	21.13 0.89 0.00	30.71 1.27 0.00	34.59 1.36 0.00	30.61 1.23 0.00	27.73 1.07 0.00	27.49 1.03 0.00	27.33 0.92 0.00	28.31 0.96 0.00	30.59 1.03 0.00	32.00 1.14 0.00	35.36 1.46 0.00	39.99 1.68 0.00	53.66 2.46 0.00	45.24 1.95 0.00	38.47 1.69 0.00	35.88 1.41 0.00	30.06 1.13 0.00	26.24 0.98 0.00	24.19 1.41 0.00
WATERSIDE____6 8 9 23538	21.93 1.51 0.00	20.18 1.32 0.00	20.21 1.30 0.00	19.25 1.18 0.00	20.77 1.25 0.00	21.53 1.30 0.00	31.33 1.88 0.00	35.42 2.19 0.00	31.49 2.11 0.00	28.56 1.89 0.00	28.37 1.91 0.00	28.30 1.90 0.00	29.43 2.08 0.00	31.74 2.19 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.49 3.18 0.00	55.43 4.25 0.02	46.71 3.42 0.00	39.69 2.91 0.00	37.12 2.65 0.00	30.99 2.05 0.00	27.13 1.87 0.00	24.35 1.57 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.67 0.25 0.00	19.10 0.25 0.00	19.14 0.23 0.00	18.51 0.20 -0.23	20.24 0.20 -0.52	20.76 0.16 -0.37	30.56 0.24 -0.88	33.54 0.27 -0.04	30.48 0.23 -0.88	26.91 0.24 0.00	26.67 0.21 0.00	26.61 0.21 0.00	27.60 0.25 0.00	29.82 0.27 0.00	31.14 0.28 0.00	34.31 0.41 0.00	38.73 0.42 0.00	51.88 0.61 -0.06	43.77 0.48 0.00	38.03 0.33 -0.92	35.11 0.28 -0.37	29.87 0.20 -0.73	25.43 0.18 0.00	22.92 0.14 0.00
WATSON____69_KV_BK 1 55734	22.38 1.96 0.00	20.56 1.70 0.00	20.48 1.57 0.00	19.54 1.46 0.00	20.99 1.46 0.00	21.86 1.62 0.00	31.21 1.77 0.00	34.53 1.30 0.00	31.64 2.26 0.00	29.07 2.40 0.00	28.63 2.17 0.00	28.62 2.22 0.00	29.90 2.54 0.00	31.95 2.39 0.00	33.05 2.19 0.00	36.55 2.64 0.00	42.22 3.91 0.00	59.78 5.07 -3.51	47.53 4.24 0.00	40.35 3.57 0.00	37.60 3.14 0.00	32.57 2.89 -0.74	27.78 2.53 0.00	24.85 2.07 0.00
WDELAWARE__HYD 323627	21.53 1.10 0.00	19.84 0.98 0.00	19.87 0.96 0.00	18.98 0.90 0.00	20.52 1.00 0.00	21.29 1.05 0.00	31.03 1.59 0.00	35.06 1.83 0.00	31.17 1.79 0.00	28.19 1.52 0.00	27.89 1.43 0.00	27.77 1.37 0.00	28.91 1.56 0.00	31.15 1.59 0.00	32.59 1.73 0.00	36.11 2.20 0.00	40.95 2.64 0.00	54.66 3.48 0.02	46.19 2.90 0.00	39.17 2.39 0.00	36.67 2.21 0.00	30.64 1.71 0.00	26.70 1.44 0.00	23.96 1.18 0.00

WEST BABYLON___IC 23714	22.34 1.92 0.00	20.52 1.66 0.00	20.46 1.55 0.00	19.53 1.45 0.00	20.97 1.44 0.00	21.83 1.60 0.00	31.27 1.83 0.00	34.63 1.40 0.00	31.67 2.29 0.00	29.07 2.40 0.00	28.68 2.22 0.00	28.65 2.24 0.00	29.93 2.57 0.00	31.95 2.39 0.00	33.08 2.22 0.00	36.58 2.68 0.00	42.18 3.87 0.00	60.02 5.07 -3.75	47.49 4.20 0.00	40.35 3.57 0.00	37.60 3.14 0.00	32.54 2.86 -0.74	27.76 2.50 0.00	24.83 2.05 0.00
WEST CANADA___HYD 24049	20.53 0.10 0.00	18.95 0.09 0.00	19.02 0.11 0.00	18.42 0.11 -0.23	20.16 0.12 -0.52	20.70 0.10 -0.37	30.47 0.15 -0.88	33.44 0.17 -0.04	30.40 0.15 -0.88	26.80 0.13 0.00	26.59 0.13 0.00	26.54 0.13 0.00	27.49 0.14 0.00	29.71 0.15 0.00	31.01 0.16 0.00	34.11 0.20 0.00	38.54 0.23 0.00	51.57 0.31 -0.06	43.51 0.22 0.00	37.88 0.18 -0.92	35.01 0.17 -0.37	29.81 0.15 -0.73	25.38 0.13 0.00	22.89 0.11 0.00
WESTERN_NY_WIND 24143	19.36 -1.06 0.00	17.78 -1.07 0.00	17.72 -1.19 0.00	17.00 -1.08 0.00	18.51 -1.02 0.00	19.45 -0.79 0.00	28.15 -1.30 0.00	31.54 -1.69 0.00	27.46 -1.91 0.00	24.85 -1.81 0.00	24.87 -1.59 0.00	24.87 -1.53 0.00	25.41 -1.94 0.00	27.69 -1.86 0.00	28.67 -2.19 0.00	30.58 -3.32 0.00	34.55 -3.75 0.00	43.66 -5.12 2.42	39.26 -4.03 0.00	33.50 -3.27 0.00	31.77 -2.69 0.00	27.17 -1.76 0.00	23.82 -1.44 0.00	22.01 -0.77 0.00
WESTOVER___LESR 323668	20.44 0.02 0.00	18.86 0.00 0.00	18.87 -0.04 0.00	18.08 0.00 0.00	19.56 0.04 0.00	20.36 0.12 0.00	29.65 0.21 0.00	33.36 0.13 0.00	29.32 -0.06 0.00	26.59 -0.08 0.00	26.41 -0.05 0.00	26.35 -0.05 0.00	27.22 -0.14 0.00	29.44 -0.12 0.00	30.67 -0.19 0.00	33.60 -0.31 0.00	38.04 -0.27 0.00	51.04 -0.41 -0.25	42.94 -0.35 0.00	36.52 -0.26 0.00	34.22 -0.24 0.00	28.84 -0.09 0.00	25.23 -0.03 0.00	22.85 0.07 0.00
WETHRSFD_WT_PWR 323626	19.18 -1.25 0.00	17.61 -1.25 0.00	17.53 -1.38 0.00	16.81 -1.27 0.00	18.27 -1.25 0.00	19.18 -1.05 0.00	27.79 -1.65 0.00	30.94 -2.29 0.00	27.02 -2.35 0.00	24.61 -2.05 0.00	24.50 -1.96 0.00	24.48 -1.93 0.00	25.09 -2.27 0.00	27.22 -2.34 0.00	28.17 -2.69 0.00	30.37 -3.53 0.00	34.32 -3.98 0.00	44.65 -5.48 1.08	38.83 -4.46 0.00	33.10 -3.68 0.00	31.15 -3.31 0.00	26.62 -2.32 0.00	23.39 -1.87 0.00	21.62 -1.16 0.00
WHAVSTOR_138KV_BK127 55557	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.50 0.98 0.00	21.29 1.05 0.00	30.97 1.53 0.00	35.03 1.79 0.00	31.11 1.73 0.00	28.21 1.55 0.00	27.97 1.51 0.00	27.88 1.48 0.00	29.02 1.67 0.00	31.24 1.68 0.00	32.59 1.73 0.00	36.08 2.17 0.00	40.84 2.53 0.00	54.51 3.33 0.02	46.11 2.81 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.64 1.71 0.00	26.77 1.52 0.00	24.01 1.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.59 1.16 0.00	19.90 1.04 0.00	19.93 1.02 0.00	19.02 0.94 0.00	20.50 0.98 0.00	21.29 1.05 0.00	30.97 1.53 0.00	35.03 1.79 0.00	31.11 1.73 0.00	28.21 1.55 0.00	27.97 1.51 0.00	27.88 1.48 0.00	29.02 1.67 0.00	31.24 1.68 0.00	32.59 1.73 0.00	36.08 2.17 0.00	40.84 2.53 0.00	54.51 3.33 0.02	46.11 2.81 0.00	39.17 2.39 0.00	36.63 2.17 0.00	30.64 1.71 0.00	26.77 1.52 0.00	24.01 1.23 0.00
WHITEHAL_115KV_TB1 80871	21.57 1.14 0.00	19.95 1.09 0.00	19.95 1.04 0.00	19.04 0.96 0.00	20.58 1.05 0.00	21.53 1.30 0.00	31.36 1.91 0.00	35.29 2.06 0.00	31.20 1.82 0.00	28.24 1.57 0.00	27.94 1.48 0.00	27.80 1.40 0.00	28.83 1.48 0.00	31.09 1.54 0.00	32.62 1.76 0.00	36.04 2.14 0.00	40.80 2.49 0.00	54.89 3.69 0.00	46.24 2.94 0.00	39.32 2.54 0.00	36.63 2.17 0.00	30.67 1.74 0.00	26.67 1.41 0.00	24.49 1.71 0.00
WHITEPLN_13_KV_LOAD 356215	21.81 1.39 0.00	20.09 1.23 0.00	20.12 1.21 0.00	19.22 1.14 0.00	20.71 1.19 0.00	21.49 1.25 0.00	31.33 1.88 0.00	35.46 2.23 0.00	31.52 2.14 0.00	28.64 1.97 0.00	28.34 1.88 0.00	28.28 1.87 0.00	29.49 2.13 0.00	31.77 2.22 0.00	33.11 2.25 0.00	36.72 2.81 0.00	41.60 3.29 0.00	55.48 4.30 0.02	46.89 3.59 0.00	39.80 3.02 0.00	37.18 2.72 0.00	31.07 2.14 0.00	27.05 1.79 0.00	24.26 1.48 0.00
WM_FLOYD_69_KV_BK2 356380	22.28 1.86 0.00	20.48 1.62 0.00	20.35 1.44 0.00	19.47 1.39 0.00	20.85 1.33 0.00	21.71 1.48 0.00	30.91 1.47 0.00	34.19 0.96 0.00	31.37 2.00 0.00	28.83 2.16 0.00	28.21 1.75 0.00	28.17 1.77 0.00	29.57 2.22 0.00	31.68 2.13 0.00	32.77 1.91 0.00	36.28 2.37 0.00	41.99 3.68 0.00	59.32 4.71 -3.41	47.27 3.98 0.00	40.13 3.35 0.00	37.39 2.93 0.00	32.39 2.72 -0.74	27.63 2.37 0.00	24.74 1.96 0.00
WOODARD___115KV_TB2 355635	20.08 -0.35 0.00	18.52 -0.34 0.00	18.57 -0.34 0.00	17.75 -0.33 0.00	19.21 -0.31 0.00	19.95 -0.28 0.00	29.09 -0.35 0.00	32.80 -0.43 0.00	28.93 -0.44 0.00	26.29 -0.37 0.00	26.09 -0.37 0.00	26.06 -0.34 0.00	26.95 -0.41 0.00	29.11 -0.44 0.00	30.40 -0.46 0.00	33.26 -0.64 0.00	37.54 -0.77 0.00	50.63 -1.02 -0.46	42.43 -0.87 0.00	36.04 -0.74 0.00	33.84 -0.62 0.00	28.44 -0.49 0.00	24.85 -0.40 0.00	22.44 -0.34 0.00
YORK___WARBASSE 23770	22.09 1.65 -0.01	20.34 1.47 -0.01	20.37 1.46 -0.01	19.39 1.30 -0.01	20.93 1.41 -0.01	21.67 1.44 0.00	31.47 2.03 0.00	35.56 2.33 0.00	31.52 2.14 0.00	28.59 1.92 0.00	28.37 1.91 0.00	28.33 1.93 0.00	29.49 2.13 0.00	31.80 2.25 0.00	33.17 2.31 0.00	36.86 2.95 0.00	41.53 3.22 0.00	55.53 4.35 0.02	46.80 3.51 0.00	39.80 3.02 0.00	37.25 2.79 0.00	31.13 2.20 0.00	27.30 2.05 0.00	24.54 1.75 -0.01