

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/29/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.05	26.92	26.81	26.43	26.96	30.20	41.64	53.34	44.11	39.33	33.17	32.55	33.62	32.85	33.56	35.63	38.52	46.25	56.10	44.63	41.92	35.06	30.16	27.71
24138	1.62	1.38	1.44	1.38	1.38	1.41	2.06	3.21	2.66	2.43	2.02	2.10	2.17	2.15	2.22	2.52	2.72	3.14	3.82	3.00	2.89	2.29	2.11	1.96
	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
74TH STREET_GT_1	29.33	27.27	27.03	26.63	27.19	30.45	41.76	53.38	44.28	39.44	33.33	32.64	33.75	32.94	33.65	35.73	38.63	46.38	56.26	44.76	41.96	35.20	30.24	27.87
24260	1.89	1.74	1.67	1.58	1.61	1.67	2.18	3.26	2.82	2.55	2.18	2.19	2.30	2.24	2.32	2.62	2.83	3.28	3.97	3.12	2.93	2.43	2.19	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.33	27.27	27.03	26.63	27.19	30.45	41.76	53.38	44.28	39.44	33.33	32.64	33.75	32.94	33.65	35.73	38.63	46.38	56.26	44.76	41.96	35.20	30.24	27.87
24261	1.89	1.74	1.67	1.58	1.61	1.67	2.18	3.26	2.82	2.55	2.18	2.19	2.30	2.24	2.32	2.62	2.83	3.28	3.97	3.12	2.93	2.43	2.19	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.44	27.48	27.26	26.90	27.45	30.34	41.88	53.18	43.90	38.81	32.80	32.03	33.12	32.18	32.84	34.90	37.70	45.47	55.16	43.96	40.98	34.31	30.07	27.56
24011	2.00	1.94	1.90	1.85	1.87	1.55	2.30	3.06	2.45	1.92	1.65	1.58	1.67	1.47	1.50	1.79	1.90	2.37	2.88	2.33	1.95	1.54	2.02	1.80
	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	29.49	27.53	27.31	26.98	27.50	30.31	42.04	53.38	44.07	38.92	32.86	32.12	33.21	32.27	32.90	34.97	37.80	45.56	55.32	44.09	41.10	34.34	29.54	27.66
23798	2.06	1.99	1.95	1.93	1.92	1.52	2.46	3.26	2.61	2.03	1.71	1.67	1.76	1.56	1.57	1.85	2.00	2.46	3.03	2.46	2.07	1.57	1.49	1.91
	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	29.44	27.48	27.26	26.90	27.45	30.34	41.88	53.18	43.90	38.81	32.80	32.03	33.12	32.18	32.84	34.90	37.70	45.47	55.16	43.96	40.98	34.31	30.07	27.56
24028	2.00	1.94	1.90	1.85	1.87	1.55	2.30	3.06	2.45	1.92	1.65	1.58	1.67	1.47	1.50	1.79	1.90	2.37	2.88	2.33	1.95	1.54	2.02	1.80
	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	29.16	27.10	26.93	26.58	27.14	30.45	42.00	53.48	44.24	39.18	33.14	32.40	33.47	32.61	33.31	35.40	38.38	46.25	56.05	44.63	41.80	35.03	30.02	27.61
23527	1.73	1.56	1.57	1.53	1.56	1.67	2.42	3.36	2.78	2.29	2.00	1.95	2.01	1.90	1.98	2.28	2.58	3.14	3.77	3.00	2.77	2.26	1.96	1.86
	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	28.15	26.23	26.07	25.73	26.25	29.45	40.50	51.48	42.62	37.78	31.96	31.21	32.24	31.44	32.12	34.07	36.87	44.44	53.91	42.92	40.20	33.72	28.87	26.53
24190	0.71	0.69	0.71	0.68	0.67	0.66	0.91	1.35	1.16	0.89	0.81	0.76	0.79	0.74	0.78	0.96	1.07	1.34	1.62	1.29	1.17	0.95	0.81	0.77
	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	27.71	25.84	25.61	25.33	25.86	29.07	40.06	50.48	41.71	37.11	31.40	30.69	31.64	30.89	31.52	33.18	35.80	43.06	41.48	38.93	39.15	32.80	28.03	25.73
355683	0.27	0.31	0.25	0.28	0.28	0.29	0.48	0.35	0.25	0.22	0.25	0.24	0.19	0.18	0.19	0.07	0.00	-0.04	-0.05	-0.08	0.12	0.03	-0.03	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.75	2.62	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	28.50	26.56	26.40	26.05	26.58	29.85	41.17	52.28	43.12	38.04	32.02	31.24	32.21	31.44	32.18	34.27	37.20	44.95	54.53	43.46	40.71	34.15	29.21	26.84
323833	1.07	1.02	1.04	1.00	1.00	1.07	1.59	2.15	1.66	1.14	0.87	0.79	0.75	0.74	0.85	1.16	1.39	1.85	2.25	1.83	1.68	1.38	1.15	1.08
	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	28.50	26.56	26.40	26.05	26.55	29.85	41.17	52.23	43.12	38.04	32.02	31.21	32.21	31.44	32.18	34.24	37.20	44.95	54.53	43.46	40.71	34.12	29.21	26.84
323834	1.07	1.02	1.04	1.00	0.97	1.07	1.59	2.10	1.66	1.14	0.87	0.76	0.75	0.74	0.85	1.13	1.39	1.85	2.25	1.83	1.68	1.34	1.15	1.08
	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	28.15	26.23	26.07	25.73	26.25	29.45	40.50	51.48	42.62	37.78	31.96	31.21	32.24	31.44	32.12	34.07	36.87	44.44	53.91	42.92	40.20	33.72	28.87	26.53
23571	0.71	0.69	0.71	0.68	0.67	0.66	0.91	1.35	1.16	0.89	0.81	0.76	0.79	0.74	0.78	0.96	1.07	1.34	1.62	1.29	1.17	0.95	0.81	0.77
	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	28.15 0.71 0.00	26.23 0.69 0.00	26.07 0.71 0.00	25.73 0.68 0.00	26.25 0.67 0.00	29.45 0.66 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.62 1.16 0.00	37.78 0.89 0.00	31.96 0.81 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.07 0.96 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.20 1.17 0.00	33.72 0.95 0.00	28.87 0.81 0.00	26.53 0.77 0.00
ALBANY___3 23573	28.15 0.71 0.00	26.23 0.69 0.00	26.07 0.71 0.00	25.73 0.68 0.00	26.25 0.67 0.00	29.45 0.66 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.62 1.16 0.00	37.78 0.89 0.00	31.96 0.81 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.07 0.96 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.20 1.17 0.00	33.72 0.95 0.00	28.87 0.81 0.00	26.53 0.77 0.00
ALBANY___4 23574	28.15 0.71 0.00	26.23 0.69 0.00	26.07 0.71 0.00	25.73 0.68 0.00	26.25 0.67 0.00	29.45 0.66 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.62 1.16 0.00	37.78 0.89 0.00	31.96 0.81 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.07 0.96 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.20 1.17 0.00	33.72 0.95 0.00	28.87 0.81 0.00	26.53 0.77 0.00
ALBANY___LFGE 323615	28.31 0.88 0.00	26.35 0.82 0.00	26.20 0.84 0.00	25.85 0.80 0.00	26.38 0.79 0.00	29.65 0.86 0.00	40.85 1.27 0.00	51.93 1.80 0.00	42.95 1.49 0.00	38.11 1.22 0.00	32.21 1.06 0.00	31.49 1.04 0.00	32.52 1.07 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.40 1.29 0.00	37.20 1.39 0.00	44.83 1.73 0.00	54.38 2.09 0.00	43.30 1.67 0.00	40.55 1.52 0.00	34.02 1.24 0.00	29.09 1.04 0.00	26.73 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	27.65 0.22 0.00	25.79 0.26 0.00	25.59 0.23 0.00	25.30 0.25 0.00	25.84 0.26 0.00	29.02 0.23 0.00	39.98 0.40 0.00	50.43 0.30 0.00	41.66 0.21 0.00	37.08 0.18 0.00	31.37 0.22 0.00	30.63 0.18 0.00	31.61 0.16 0.00	30.86 0.15 0.00	31.46 0.13 0.00	33.11 0.00 0.00	35.77 -0.04 0.00	43.02 -0.09 0.00	41.43 -0.10 10.75	38.89 -0.12 2.62	39.07 0.04 0.00	32.77 0.00 0.00	28.00 -0.06 0.00	25.70 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	27.65 0.22 0.00	25.79 0.26 0.00	25.59 0.23 0.00	25.30 0.25 0.00	25.84 0.26 0.00	29.02 0.23 0.00	39.98 0.40 0.00	50.43 0.30 0.00	41.66 0.21 0.00	37.08 0.18 0.00	31.37 0.22 0.00	30.63 0.18 0.00	31.61 0.16 0.00	30.86 0.15 0.00	31.46 0.13 0.00	33.11 0.00 0.00	35.77 -0.04 0.00	43.02 -0.09 0.00	41.43 -0.10 10.75	38.89 -0.12 2.62	39.07 0.04 0.00	32.77 0.00 0.00	28.00 -0.06 0.00	25.70 -0.05 0.00
ALCOA___DSASP 323711	27.63 0.19 0.00	25.79 0.26 0.00	25.59 0.23 0.00	25.30 0.25 0.00	25.84 0.26 0.00	29.01 0.23 0.00	39.98 0.40 0.00	50.43 0.30 0.00	41.58 0.12 0.00	37.08 0.19 0.00	31.37 0.22 0.00	30.63 0.18 0.00	31.61 0.16 0.00	30.86 0.15 0.00	31.46 0.13 0.00	33.11 0.00 0.00	35.77 -0.04 0.00	43.02 -0.09 0.00	41.43 -0.10 10.75	38.89 -0.12 2.62	39.07 0.04 0.00	32.77 0.00 0.00	28.00 -0.06 0.00	25.70 -0.05 0.00
ALLEGHENY___COGEN 23514	26.86 -0.58 0.00	25.00 -0.54 0.00	24.75 -0.61 0.00	24.52 -0.53 0.00	25.17 -0.41 0.00	28.78 0.00 0.00	39.70 0.12 0.00	48.91 0.40 1.61	41.53 0.21 0.13	36.81 -0.07 0.01	31.06 -0.09 0.00	30.09 -0.36 0.00	30.98 -0.47 0.00	30.36 -0.34 0.00	30.99 -0.34 0.00	32.45 -0.53 0.13	33.47 -0.39 1.93	34.11 -0.17 8.82	36.42 0.16 16.03	37.62 0.04 4.06	26.48 -0.04 12.51	27.93 0.03 4.87	27.91 -0.11 0.03	25.44 -0.28 0.03
ALTAMONT_115KV_TB 2 55880	28.26 0.82 0.00	26.33 0.79 0.00	26.17 0.81 0.00	25.83 0.78 0.00	26.35 0.77 0.00	29.56 0.78 0.00	40.65 1.07 0.00	51.68 1.55 0.00	42.74 1.29 0.00	37.93 1.03 0.00	32.05 0.90 0.00	31.30 0.85 0.00	32.33 0.88 0.00	31.56 0.86 0.00	32.21 0.88 0.00	34.17 1.06 0.00	36.98 1.18 0.00	44.57 1.47 0.00	54.07 1.78 0.00	43.09 1.46 0.00	40.36 1.33 0.00	33.85 1.08 0.00	29.01 0.95 0.00	26.63 0.88 0.00
ALTONA_WT_PWR 323606	27.98 0.55 0.00	26.18 0.64 0.00	25.92 0.56 0.00	25.63 0.58 0.00	26.14 0.56 0.00	29.07 0.29 0.00	40.14 0.55 0.00	50.18 0.05 0.00	41.21 -0.25 0.00	37.12 0.22 0.00	31.40 0.25 0.00	30.78 0.34 0.00	31.74 0.28 0.00	31.01 0.31 0.00	31.55 0.22 0.00	33.18 0.07 0.00	35.69 -0.11 0.00	42.59 -0.52 0.00	41.41 -0.94 9.93	38.47 -0.75 2.42	38.95 -0.08 0.00	32.58 -0.20 0.00	27.63 -0.42 0.00	25.21 -0.54 0.00
AMERICAN_REF_FUEL 24010	24.80 -2.63 0.00	23.24 -2.30 0.00	23.03 -2.33 0.00	22.77 -2.28 0.00	23.36 -2.23 0.00	26.68 -2.10 0.00	36.50 -3.09 0.00	44.80 -4.16 1.16	37.82 -3.52 0.11	33.93 -2.95 0.01	29.00 -2.15 0.00	28.13 -2.32 0.00	29.09 -2.36 0.00	28.55 -2.15 0.00	29.01 -2.32 0.00	30.29 -2.71 0.11	31.81 -2.76 1.24	33.99 -3.45 5.66	37.10 -4.44 10.75	34.86 -3.71 3.07	27.98 -3.08 7.97	27.16 -2.52 3.09	25.71 -2.33 0.02	23.67 -2.06 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.24 -2.20 0.00	23.62 -1.92 0.00	23.41 -1.95 0.00	23.14 -1.90 0.00	23.74 -1.84 0.00	27.17 -1.61 0.00	37.25 -2.34 0.00	46.52 -2.55 1.06	39.04 -2.32 0.09	34.63 -2.25 0.01	29.62 -1.53 0.00	28.65 -1.80 0.00	29.63 -1.83 0.00	29.10 -1.60 0.00	29.58 -1.75 0.00	31.17 -1.85 0.09	32.22 -2.08 1.51	33.79 -2.50 6.81	36.52 -3.14 12.63	36.32 -2.67 2.65	26.97 -2.38 9.68	26.97 -2.03 3.77	26.26 -1.77 0.03	23.98 -1.75 0.03
ARTHUR KILL_GT_1 23520	29.47 2.03 -0.01	27.26 1.71 -0.01	27.14 1.77 -0.01	26.76 1.70 -0.01	27.28 1.69 -0.01	30.48 1.70 0.00	41.49 1.90 0.00	52.52 2.41 0.01	43.52 2.07 0.01	39.33 2.43 0.00	33.11 1.96 0.00	32.52 2.07 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.83 2.72 0.00	38.70 2.90 0.00	45.68 2.63 0.05	55.36 3.08 0.01	44.08 2.46 0.01	41.76 2.73 0.00	35.36 2.59 0.00	30.61 2.55 0.00	28.08 2.32 -0.01
ARTHUR_KILL_2 23512	29.39 1.95 -0.01	27.18 1.64 -0.01	27.07 1.70 -0.01	26.68 1.63 -0.01	27.20 1.61 -0.01	30.40 1.61 0.00	41.41 1.82 0.00	52.38 2.26 0.01	43.40 1.95 0.01	39.22 2.33 0.00	33.05 1.90 0.00	32.46 2.01 0.00	33.59 2.14 0.00	32.82 2.12 0.00	33.52 2.19 0.00	35.73 2.62 0.00	38.60 2.79 0.00	45.51 2.46 0.05	55.21 2.93 0.01	43.91 2.29 0.01	41.61 2.58 0.00	35.26 2.49 0.00	30.52 2.47 0.00	28.00 2.24 -0.01
ARTHUR_KILL_3 23513	28.83 1.40 0.00	26.69 1.15 0.00	26.60 1.24 0.00	26.23 1.18 0.00	26.73 1.15 0.00	29.91 1.12 0.00	41.25 1.66 0.00	52.73 2.60 0.00	43.65 2.20 0.00	38.96 2.06 0.00	32.86 1.71 0.00	32.21 1.77 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.33 2.22 0.00	38.16 2.36 0.00	45.73 2.67 0.04	55.48 3.19 0.00	44.17 2.54 0.00	41.53 2.50 0.00	34.80 2.03 0.00	29.93 1.88 0.00	27.51 1.75 0.00

ARTHUR_KILL_COGEN 323718	29.47 2.03 -0.01	27.26 1.71 -0.01	27.14 1.77 -0.01	26.76 1.70 -0.01	27.28 1.69 -0.01	30.48 1.70 0.00	41.49 1.90 0.00	52.52 2.41 0.01	43.52 2.07 0.01	39.33 2.43 0.00	33.11 1.96 0.00	32.52 2.07 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.83 2.72 0.00	38.70 2.90 0.00	45.68 2.63 0.05	55.36 3.08 0.01	44.08 2.46 0.01	41.76 2.73 0.00	35.36 2.59 0.00	30.61 2.55 0.00	28.08 2.32 -0.01
ASHOKAN____ 23654	28.75 1.32 0.00	26.71 1.18 0.00	26.58 1.22 0.00	26.23 1.18 0.00	26.78 1.20 0.00	30.02 1.24 0.00	41.56 1.98 0.00	52.83 2.70 0.00	43.49 2.03 0.00	38.18 1.29 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.12 0.66 0.00	31.22 0.52 0.00	32.12 0.78 0.00	34.14 1.03 0.00	37.13 1.33 0.00	45.04 1.94 0.00	54.85 2.56 0.00	43.46 1.83 0.00	40.63 1.60 0.00	34.15 1.38 0.00	29.15 1.09 0.00	26.94 1.19 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.14 1.70 -0.01	27.00 1.45 -0.01	26.89 1.52 -0.01	26.54 1.48 -0.01	27.05 1.46 -0.01	30.14 1.35 0.00	41.13 1.54 0.00	52.38 2.26 0.01	43.44 1.99 0.01	38.91 2.03 0.01	32.82 1.68 0.01	32.24 1.80 0.01	33.33 1.89 0.01	32.57 1.87 0.01	33.27 1.94 0.01	35.36 2.25 0.01	38.16 2.36 0.01	45.59 2.50 0.01	55.21 2.93 0.01	43.95 2.33 0.01	41.40 2.38 0.01	34.73 1.97 0.01	30.19 2.13 0.00	27.77 2.01 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.14 1.70 -0.01	27.00 1.45 -0.01	26.89 1.52 -0.01	26.54 1.48 -0.01	27.05 1.46 -0.01	30.14 1.35 0.00	41.13 1.54 0.00	52.38 2.26 0.01	43.44 1.99 0.01	38.91 2.03 0.01	32.82 1.68 0.01	32.24 1.80 0.01	33.33 1.89 0.01	32.57 1.87 0.01	33.27 1.94 0.01	35.36 2.25 0.01	38.16 2.36 0.01	45.59 2.50 0.01	55.21 2.93 0.01	43.95 2.33 0.01	41.40 2.38 0.01	34.73 1.97 0.01	30.19 2.13 0.00	27.77 2.01 -0.01
ASTORIA_GT2_1 24094	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT2_2 24095	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT2_3 24096	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT2_4 24097	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT3_1 24098	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT3_2 24099	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT3_3 24100	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT3_4 24101	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT4_1 24102	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT4_2 24103	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT4_3 24104	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01

ASTORIA_GT4_4 24105	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.64 1.58 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.17 1.58 0.00	52.38 2.26 0.00	43.53 2.07 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.16 2.36 0.00	45.64 2.54 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.33 2.30 0.00	34.74 1.97 0.00	30.10 2.05 0.00	27.80 2.03 -0.01
ASTORIA_GT_1 23523	29.20 1.76 -0.01	27.05 1.51 -0.01	26.94 1.57 -0.01	26.59 1.53 -0.01	27.10 1.51 -0.01	30.20 1.41 0.00	41.21 1.62 0.00	52.47 2.36 0.01	43.56 2.11 0.01	38.99 2.10 0.01	32.88 1.74 0.01	32.33 1.89 0.01	33.43 1.98 0.01	32.63 1.94 0.01	33.33 2.01 0.01	35.46 2.35 0.01	38.26 2.47 0.01	45.72 2.63 0.01	55.36 3.08 0.01	44.08 2.46 0.01	41.52 2.50 0.01	34.83 2.07 0.01	30.27 2.22 0.00	27.85 2.09 -0.01
ASTORIA_GT_10 24110	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.78 2.32 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.13 2.08 0.00	27.80 2.03 -0.01
ASTORIA_GT_11 24225	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.78 2.32 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.13 2.08 0.00	27.80 2.03 -0.01
ASTORIA_GT_12 24226	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.78 2.32 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.13 2.08 0.00	27.80 2.03 -0.01
ASTORIA_GT_13 24227	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.78 2.32 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.13 2.08 0.00	27.80 2.03 -0.01
ASTORIA_GT_5 24106	29.31 1.87 -0.01	27.28 1.74 -0.01	27.07 1.70 -0.01	26.66 1.60 -0.01	27.20 1.61 -0.01	30.45 1.67 0.00	41.21 1.62 0.00	52.48 2.36 0.00	43.61 2.16 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.34 1.89 0.00	33.44 1.98 0.00	32.64 1.93 0.00	33.34 2.01 0.00	35.43 2.32 0.00	38.24 2.43 0.00	45.73 2.63 0.00	55.37 3.08 0.00	44.09 2.46 0.00	41.41 2.38 0.00	34.80 2.03 0.00	30.16 2.10 0.00	27.85 2.09 -0.01
ASTORIA_GT_7 24107	29.31 1.87 -0.01	27.28 1.74 -0.01	27.07 1.70 -0.01	26.66 1.60 -0.01	27.20 1.61 -0.01	30.45 1.67 0.00	41.21 1.62 0.00	52.48 2.36 0.00	43.61 2.16 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.34 1.89 0.00	33.44 1.98 0.00	32.64 1.93 0.00	33.34 2.01 0.00	35.43 2.32 0.00	38.24 2.43 0.00	45.73 2.63 0.00	55.37 3.08 0.00	44.09 2.46 0.00	41.41 2.38 0.00	34.80 2.03 0.00	30.16 2.10 0.00	27.85 2.09 -0.01
ASTORIA_GT_8 24108	29.31 1.87 -0.01	27.28 1.74 -0.01	27.07 1.70 -0.01	26.66 1.60 -0.01	27.20 1.61 -0.01	30.45 1.67 0.00	41.21 1.62 0.00	52.48 2.36 0.00	43.61 2.16 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.34 1.89 0.00	33.44 1.98 0.00	32.64 1.93 0.00	33.34 2.01 0.00	35.43 2.32 0.00	38.24 2.43 0.00	45.73 2.63 0.00	55.37 3.08 0.00	44.09 2.46 0.00	41.41 2.38 0.00	34.80 2.03 0.00	30.16 2.10 0.00	27.85 2.09 -0.01
ASTORIA___2 24149	29.17 1.73 -0.01	27.03 1.48 -0.01	26.89 1.52 -0.01	26.56 1.50 -0.01	27.05 1.46 -0.01	30.17 1.38 0.00	41.13 1.54 0.00	52.38 2.26 0.01	43.48 2.03 0.01	38.91 2.03 0.01	32.82 1.68 0.01	32.27 1.83 0.01	33.37 1.92 0.01	32.57 1.87 0.01	33.27 1.94 0.01	35.36 2.25 0.01	38.19 2.40 0.01	45.64 2.54 0.01	55.26 2.98 0.01	44.00 2.37 0.01	41.44 2.42 0.01	34.76 2.00 0.01	30.22 2.16 0.00	27.80 2.03 -0.01
ASTORIA___3 23516	29.14 1.70 -0.01	27.00 1.45 -0.01	26.89 1.52 -0.01	26.54 1.48 -0.01	27.05 1.46 -0.01	30.20 1.41 0.00	41.41 1.82 0.00	52.78 2.65 0.00	43.74 2.28 0.00	39.14 2.25 0.00	33.02 1.87 0.00	32.40 1.95 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.53 2.42 0.00	38.38 2.58 0.00	45.86 2.76 0.00	55.58 3.30 0.00	44.22 2.58 0.00	41.65 2.62 0.00	34.97 2.20 0.00	30.22 2.16 0.00	27.80 2.03 -0.01
ASTORIA___4 23517	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.78 2.32 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.13 2.08 0.00	27.80 2.03 -0.01
ASTORIA___5 23518	29.14 1.70 -0.01	27.00 1.45 -0.01	26.89 1.52 -0.01	26.54 1.48 -0.01	27.05 1.46 -0.01	30.20 1.41 0.00	41.41 1.82 0.00	52.78 2.65 0.00	43.74 2.28 0.00	39.14 2.25 0.00	33.02 1.87 0.00	32.40 1.95 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.53 2.42 0.00	38.38 2.58 0.00	45.86 2.76 0.00	55.58 3.30 0.00	44.22 2.58 0.00	41.65 2.62 0.00	34.97 2.20 0.00	30.22 2.16 0.00	27.80 2.03 -0.01
AST_ENERGY_2_CC3 323677	28.94 1.51 0.00	26.79 1.25 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.02 1.24 0.00	41.36 1.78 0.01	52.86 2.76 0.02	43.76 2.32 0.02	39.02 2.14 0.02	32.91 1.77 0.02	32.29 1.86 0.02	33.39 1.95 0.02	32.62 1.94 0.02	33.32 2.01 0.02	35.38 2.28 0.02	38.25 2.47 0.02	45.89 2.80 0.02	55.67 3.40 0.02	44.28 2.67 0.02	41.63 2.62 0.02	34.88 2.13 0.02	30.02 1.96 0.00	27.61 1.86 0.00
AST_ENERGY_2_CC4 323678	28.94 1.51 0.00	26.79 1.25 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.02 1.24 0.00	41.36 1.78 0.01	52.86 2.76 0.02	43.76 2.32 0.02	39.02 2.14 0.02	32.91 1.77 0.02	32.29 1.86 0.02	33.39 1.95 0.02	32.62 1.94 0.02	33.32 2.01 0.02	35.38 2.28 0.02	38.25 2.47 0.02	45.89 2.80 0.02	55.67 3.40 0.02	44.28 2.67 0.02	41.63 2.62 0.02	34.88 2.13 0.02	30.02 1.96 0.00	27.61 1.86 0.00

ATHENS_STG_1 23668	28.26 0.82 0.00	26.28 0.74 0.00	26.12 0.76 0.00	25.80 0.75 0.00	26.30 0.72 0.00	29.50 0.72 0.00	40.65 1.07 0.00	51.78 1.65 0.00	42.82 1.37 0.00	38.07 1.18 0.00	32.15 1.00 0.00	31.45 1.00 0.00	32.49 1.04 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.37 1.26 0.00	37.20 1.39 0.00	44.74 1.64 0.00	54.27 1.99 0.00	43.21 1.58 0.00	40.55 1.52 0.00	34.02 1.24 0.00	29.15 1.09 0.00	26.79 1.03 0.00
ATHENS_STG_2 23670	28.26 0.82 0.00	26.28 0.74 0.00	26.12 0.76 0.00	25.80 0.75 0.00	26.30 0.72 0.00	29.50 0.72 0.00	40.65 1.07 0.00	51.78 1.65 0.00	42.82 1.37 0.00	38.07 1.18 0.00	32.15 1.00 0.00	31.45 1.00 0.00	32.49 1.04 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.37 1.26 0.00	37.20 1.39 0.00	44.74 1.64 0.00	54.27 1.99 0.00	43.21 1.58 0.00	40.55 1.52 0.00	34.02 1.24 0.00	29.15 1.09 0.00	26.79 1.03 0.00
ATHENS_STG_3 23677	28.26 0.82 0.00	26.28 0.74 0.00	26.12 0.76 0.00	25.80 0.75 0.00	26.30 0.72 0.00	29.50 0.72 0.00	40.65 1.07 0.00	51.78 1.65 0.00	42.82 1.37 0.00	38.07 1.18 0.00	32.15 1.00 0.00	31.45 1.00 0.00	32.49 1.04 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.37 1.26 0.00	37.20 1.39 0.00	44.74 1.64 0.00	54.27 1.99 0.00	43.21 1.58 0.00	40.55 1.52 0.00	34.02 1.24 0.00	29.15 1.09 0.00	26.79 1.03 0.00
AUBURN___LFGE 323710	26.86 -0.58 0.00	24.95 -0.59 0.00	24.78 -0.58 0.00	24.50 -0.55 0.00	25.07 -0.51 0.00	28.52 -0.37 -0.11	39.92 -0.44 -0.77	49.74 -0.85 -0.47	40.76 -0.66 0.04	36.37 -0.52 0.00	30.62 -0.53 0.00	29.99 -0.46 0.00	30.95 -0.50 0.00	30.24 -0.46 0.00	30.83 -0.50 0.00	32.41 -0.66 0.04	34.51 -0.75 0.54	39.79 -0.86 2.45	47.10 -0.99 4.20	39.77 -0.71 1.15	34.80 -0.74 3.49	30.79 -0.62 1.36	27.48 -0.56 0.01	25.15 -0.59 0.01
BABYLON_RES_REC 323704	29.89 2.44 -0.01	27.66 2.12 -0.01	27.49 2.13 0.00	27.11 2.05 -0.01	27.68 2.10 0.00	31.07 2.27 -0.01	41.21 1.62 0.00	52.43 2.31 0.00	43.41 1.95 0.00	38.66 1.77 0.00	33.02 1.87 0.00	32.76 2.31 0.00	33.09 1.63 0.00	32.54 1.84 0.00	32.93 1.60 0.00	34.74 1.62 0.00	37.55 1.75 0.00	45.38 2.28 0.00	55.16 2.87 0.00	44.09 2.46 0.00	41.17 2.15 0.00	35.33 2.56 0.00	30.93 2.86 -0.01	28.44 2.68 -0.01
BABYLON__69_KV_BK2 356345	30.32 2.88 -0.01	28.14 2.60 0.00	27.87 2.51 0.00	27.48 2.43 0.00	28.04 2.46 0.00	31.52 2.73 0.00	41.72 2.14 0.00	52.88 2.76 0.00	44.03 2.57 0.00	39.07 2.18 0.00	33.70 2.55 0.00	33.13 2.68 0.00	33.62 2.17 0.00	33.07 2.36 0.00	33.59 2.26 0.00	35.30 2.19 0.00	38.27 2.47 0.00	46.20 3.10 0.00	56.37 4.08 0.00	44.96 3.33 0.00	41.88 2.85 0.00	35.75 2.98 0.00	31.17 3.11 0.00	28.73 2.96 -0.01
BALL_HILL_WT_PWR 323825	25.57 -1.87 0.00	23.95 -1.58 0.00	23.74 -1.62 0.00	23.47 -1.58 0.00	24.07 -1.51 0.00	27.52 -1.27 0.00	37.73 -1.86 0.00	47.09 -2.06 0.98	39.54 -1.82 0.09	35.15 -1.73 0.01	30.03 -1.12 0.00	29.11 -1.34 0.00	30.10 -1.35 0.00	29.57 -1.14 0.00	30.02 -1.31 0.00	31.63 -1.39 0.09	32.84 -1.54 1.42	34.85 -1.85 6.40	37.99 -2.35 11.95	37.17 -2.00 2.47	28.21 -1.72 9.10	27.78 -1.44 3.54	26.77 -1.26 0.02	24.47 -1.26 0.02
BARON_WINDS___WT_PWR 323822	26.20 -1.23 0.00	24.47 -1.07 0.00	24.25 -1.12 0.00	24.00 -1.05 0.00	24.61 -0.97 0.00	28.06 -0.75 -0.02	38.67 -1.07 -0.15	47.73 -0.55 1.85	40.72 -0.58 0.15	36.18 -0.70 0.01	30.71 -0.44 0.00	29.84 -0.61 0.00	30.86 -0.60 0.00	30.21 -0.49 0.00	30.77 -0.56 0.00	32.43 -0.53 0.16	32.90 -0.61 2.30	32.05 -0.60 10.45	32.93 -0.73 18.63	36.35 -0.62 4.66	23.56 -0.63 14.84	26.43 -0.56 5.78	27.48 -0.53 0.04	25.10 -0.62 0.04
BARRETT_IC_1 23704	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_10 23701	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_11 23702	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_12 23703	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_2 23705	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_3 23706	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_4 23707	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01

BARRETT_IC_5 23708	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_6 23709	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_7 23710	29.50 2.06 -0.01	27.45 1.92 0.00	27.24 1.88 0.00	26.83 1.78 0.00	27.40 1.82 0.00	30.74 1.96 0.00	40.81 1.23 0.00	51.83 1.70 0.00	43.07 1.62 0.00	38.44 1.55 0.00	33.14 1.99 0.00	32.55 2.10 0.00	33.25 1.79 0.00	32.64 1.93 0.00	33.21 1.88 0.00	34.84 1.72 0.00	37.59 1.79 0.00	45.26 2.16 0.00	55.11 2.82 0.00	43.88 2.25 0.00	40.98 1.95 0.00	34.97 2.20 0.00	30.38 2.33 0.00	27.98 2.22 -0.01
BARRETT_IC_8 23711	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT_IC_9 23700	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT___1 23545	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BARRETT___2 23546	29.39 1.95 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.69 1.11 0.00	51.82 1.71 0.01	42.86 1.41 0.01	38.37 1.48 0.00	32.83 1.68 0.00	32.49 2.04 0.00	33.25 1.79 0.00	32.64 1.94 0.00	33.21 1.88 0.00	34.93 1.82 0.00	37.62 1.82 0.01	45.33 2.24 0.01	55.10 2.82 0.01	43.87 2.25 0.01	41.01 1.99 0.01	34.90 2.13 0.00	30.45 2.38 -0.01	27.98 2.22 -0.01
BATAVIA__115KV_TB1 55881	25.87 -1.56 0.00	24.03 -1.51 0.00	23.84 -1.52 0.00	23.60 -1.45 0.00	24.17 -1.41 0.00	27.86 -0.92 0.00	38.04 -1.54 0.00	47.14 -2.01 0.99	39.47 -1.91 0.08	35.63 -1.25 0.01	30.00 -1.15 0.00	29.38 -1.07 0.00	30.32 -1.13 0.00	29.75 -0.95 0.00	30.27 -1.07 0.00	31.60 -1.42 0.08	33.21 -1.47 1.12	36.14 -1.81 5.15	40.07 -2.30 9.92	37.11 -2.04 2.48	30.09 -1.68 7.26	28.60 -1.34 2.83	26.77 -1.26 0.02	24.58 -1.16 0.02
BAYONEEC___CTG1 323682	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG10 323750	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG2 323683	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG3 323684	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG4 323685	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG5 323686	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG6 323687	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00

BAYONEEC___CTG7 323688	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG8 323689	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BAYONEEC___CTG9 323749	28.97 1.54 0.00	26.81 1.28 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.05 1.27 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.37 1.92 0.00	33.47 2.01 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.46 2.35 0.00	38.31 2.51 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.72 2.69 0.00	34.93 2.16 0.00	30.05 1.99 0.00	27.64 1.88 0.00
BEACON___LESR 323632	28.48 1.04 0.00	26.51 0.97 0.00	26.35 0.99 0.00	26.00 0.95 0.00	26.53 0.95 0.00	29.85 1.07 0.00	41.21 1.62 0.00	52.33 2.20 0.00	43.28 1.82 0.00	38.33 1.44 0.00	32.40 1.25 0.00	31.67 1.22 0.00	32.71 1.26 0.00	31.87 1.17 0.00	32.55 1.22 0.00	34.60 1.49 0.00	37.45 1.65 0.00	45.17 2.07 0.00	54.80 2.51 0.00	43.67 2.04 0.00	40.86 1.83 0.00	34.25 1.48 0.00	29.29 1.23 0.00	26.89 1.13 0.00
BEAVER RIVER___HYD 24048	27.90 0.47 0.00	26.02 0.48 0.00	25.74 0.38 0.00	25.50 0.45 0.00	26.02 0.43 0.00	29.60 0.75 -0.07	41.52 1.47 -0.47	53.14 2.46 -0.56	43.12 1.66 0.00	37.85 0.96 0.00	31.58 0.44 0.00	30.72 0.27 0.00	31.89 0.44 0.00	31.16 0.46 0.00	31.71 0.38 0.00	33.48 0.36 0.00	36.34 0.54 0.00	44.27 1.16 0.00	52.99 2.09 1.39	42.59 1.29 0.34	39.93 0.90 0.00	33.53 0.75 0.00	28.42 0.36 0.00	25.96 0.21 0.00
BEEBEE_GT_13 23619	26.09 -1.34 0.00	24.23 -1.30 0.00	24.04 -1.32 0.00	23.80 -1.25 0.00	24.35 -1.23 0.00	27.86 -0.92 0.00	38.16 -1.43 0.00	46.97 -2.36 0.80	39.40 -1.99 0.06	35.67 -1.22 0.01	30.03 -1.12 0.00	29.47 -0.97 0.00	30.38 -1.07 0.00	29.75 -0.95 0.00	30.30 -1.03 0.00	31.59 -1.46 0.06	33.24 -1.65 0.91	36.88 -2.03 4.20	41.48 -2.46 8.36	37.53 -2.12 1.98	31.21 -1.91 5.91	28.90 -1.57 2.30	26.78 -1.26 0.02	24.61 -1.13 0.02
BENSHRST_27_KV_BENSHRST_1 355998	29.53 2.09 -0.01	27.43 1.89 -0.01	27.19 1.83 -0.01	26.79 1.73 -0.01	27.33 1.74 -0.01	30.60 1.81 0.00	41.68 2.10 0.00	53.08 2.96 0.00	44.07 2.61 0.00	39.51 2.62 0.00	33.36 2.21 0.00	32.67 2.22 0.00	33.81 2.36 0.00	33.04 2.33 0.00	33.74 2.41 0.00	35.90 2.78 0.00	38.77 2.97 0.00	46.20 3.10 0.00	56.00 3.71 0.00	44.55 2.91 0.00	41.92 2.89 0.00	35.33 2.56 0.00	30.44 2.38 0.00	28.06 2.29 -0.01
BETHLEHEM___GRP 23843	28.15 0.71 0.00	26.23 0.69 0.00	26.07 0.71 0.00	25.73 0.68 0.00	26.25 0.67 0.00	29.45 0.66 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.62 1.16 0.00	37.78 0.89 0.00	31.96 0.81 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.07 0.96 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.20 1.17 0.00	33.72 0.95 0.00	28.87 0.81 0.00	26.53 0.77 0.00
BETHLEHEM___GS1 323560	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.65 0.60 0.00	26.17 0.59 0.00	29.42 0.63 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.58 1.12 0.00	37.78 0.88 0.00	31.93 0.78 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.11 0.99 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.24 1.21 0.00	33.72 0.95 0.00	28.90 0.84 0.00	26.53 0.77 0.00
BETHLEHEM___GS2 323561	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.65 0.60 0.00	26.17 0.59 0.00	29.42 0.63 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.58 1.12 0.00	37.78 0.88 0.00	31.93 0.78 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.11 0.99 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.24 1.21 0.00	33.72 0.95 0.00	28.90 0.84 0.00	26.53 0.77 0.00
BETHLEHEM___GS3 323562	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.65 0.60 0.00	26.17 0.59 0.00	29.42 0.63 0.00	40.50 0.91 0.00	51.48 1.35 0.00	42.58 1.12 0.00	37.78 0.88 0.00	31.93 0.78 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.12 0.78 0.00	34.11 0.99 0.00	36.87 1.07 0.00	44.44 1.34 0.00	53.91 1.62 0.00	42.92 1.29 0.00	40.24 1.21 0.00	33.72 0.95 0.00	28.90 0.84 0.00	26.53 0.77 0.00
BETHLEHEM___STEEL 23779	25.71 -1.73 0.00	23.90 -1.63 0.00	23.74 -1.62 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.16 -2.06 0.91	39.47 -1.91 0.08	35.26 -1.62 0.01	29.81 -1.34 0.00	29.17 -1.28 0.00	30.16 -1.29 0.00	29.66 -1.04 0.00	30.11 -1.22 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.25 -2.35 11.69	37.29 -2.04 2.30	28.50 -1.68 8.85	27.92 -1.41 3.45	26.80 -1.23 0.02	24.52 -1.21 0.02
BETHLHEM_115KV_TB1 79974	28.18 0.74 0.00	26.25 0.72 0.00	26.07 0.71 0.00	25.73 0.68 0.00	26.27 0.69 0.00	29.48 0.69 0.00	40.54 0.95 0.00	51.53 1.40 0.00	42.62 1.16 0.00	37.82 0.92 0.00	31.96 0.81 0.00	31.24 0.79 0.00	32.27 0.82 0.00	31.47 0.77 0.00	32.15 0.81 0.00	34.11 0.99 0.00	36.91 1.11 0.00	44.48 1.38 0.00	53.91 1.62 0.00	42.97 1.33 0.00	40.24 1.21 0.00	33.75 0.98 0.00	28.90 0.84 0.00	26.55 0.80 0.00
BETHPAGE_CC_5 323564	29.78 2.33 -0.01	27.56 2.02 -0.01	27.41 2.05 0.00	27.04 1.98 -0.01	27.58 2.00 0.00	30.87 2.07 -0.01	40.97 1.38 0.00	52.13 2.01 0.00	43.20 1.74 0.00	38.51 1.62 0.00	32.89 1.74 0.00	32.64 2.19 0.00	33.34 1.89 0.00	32.76 2.06 0.00	33.31 1.98 0.00	35.10 1.99 0.00	37.88 2.08 0.00	45.64 2.54 0.00	55.48 3.19 0.00	44.21 2.58 0.00	41.25 2.22 0.00	35.13 2.36 0.00	30.84 2.78 -0.01	28.34 2.58 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.76 -1.67 0.00	23.95 -1.58 0.00	23.79 -1.57 0.00	23.52 -1.53 0.00	24.10 -1.48 0.00	27.78 -1.01 0.00	37.84 -1.74 0.00	47.50 -1.70 0.92	39.76 -1.62 0.08	35.37 -1.51 0.01	29.93 -1.21 0.00	29.26 -1.19 0.00	30.29 -1.16 0.00	29.75 -0.95 0.00	30.20 -1.13 0.00	31.97 -1.06 0.08	33.18 -1.22 1.40	35.27 -1.51 6.33	38.46 -1.99 11.84	37.57 -1.75 2.31	28.60 -1.44 8.99	28.06 -1.21 3.50	26.94 -1.09 0.02	24.60 -1.13 0.02

BINGHAMTON___COGEN 23790	27.16 -0.27 0.00	25.26 -0.28 0.00	25.08 -0.28 0.00	24.77 -0.28 0.00	25.35 -0.23 0.00	28.83 0.00 -0.04	39.81 -0.08 -0.30	51.51 1.15 -0.23	42.33 0.87 0.00	37.45 0.55 0.00	31.55 0.40 0.00	30.78 0.33 0.00	31.83 0.38 0.00	31.13 0.43 0.00	31.74 0.41 0.00	33.68 0.56 0.00	36.45 0.64 0.00	44.06 0.95 -0.01	53.08 1.20 0.41	42.70 1.00 -0.06	39.87 0.82 -0.02	33.43 0.66 -0.01	28.56 0.50 0.00	26.14 0.39 0.00
BIXINCNT_115KV_LOAD 355685	25.60 -1.84 0.00	23.83 -1.71 0.00	23.69 -1.67 0.00	23.40 -1.65 0.00	24.00 -1.59 0.00	27.66 -1.12 0.00	37.72 -1.86 0.00	47.84 -1.25 1.04	40.04 -1.33 0.09	35.26 -1.62 0.01	29.93 -1.21 0.00	29.26 -1.19 0.00	30.32 -1.13 0.00	29.72 -0.98 0.00	30.14 -1.19 0.00	32.13 -0.89 0.09	33.25 -1.04 1.52	34.93 -1.29 6.87	37.67 -1.88 12.73	37.42 -1.62 2.59	27.86 -1.41 9.76	27.76 -1.21 3.80	26.79 -1.23 0.03	24.34 -1.39 0.03
BLACK RIVER___HYD 24047	27.85 0.41 0.00	25.94 0.41 0.00	25.67 0.31 0.00	25.43 0.38 0.00	25.97 0.38 0.00	29.58 0.69 -0.10	41.70 1.38 -0.73	53.35 2.36 -0.87	43.07 1.62 0.00	37.82 0.92 0.00	31.49 0.34 0.00	30.60 0.15 0.00	31.77 0.31 0.00	31.04 0.34 0.00	31.58 0.25 0.00	33.35 0.23 0.00	36.27 0.46 0.00	44.19 1.08 -0.01	53.63 2.04 0.69	42.69 1.29 0.23	39.85 0.82 0.00	33.49 0.72 0.00	28.39 0.34 0.00	25.94 0.18 0.00
BLACKRVR_115KV_TB2 79977	27.85 0.41 0.00	25.89 0.36 0.00	25.61 0.25 0.00	25.38 0.33 0.00	25.89 0.31 0.00	29.55 0.66 -0.10	41.70 1.39 -0.73	53.35 2.36 -0.87	43.07 1.62 0.00	37.82 0.92 0.00	31.46 0.31 0.00	30.60 0.15 0.00	31.77 0.31 0.00	31.04 0.34 0.00	31.58 0.25 0.00	33.38 0.26 0.00	36.27 0.47 0.00	44.19 1.08 -0.01	53.64 2.04 0.69	42.69 1.29 0.23	39.89 0.86 0.00	33.49 0.72 0.00	28.39 0.34 0.00	25.94 0.18 0.00
BLISS_WT_PWR 323608	25.35 -2.09 0.00	23.75 -1.79 0.00	23.56 -1.80 0.00	23.30 -1.75 0.00	23.92 -1.66 0.00	27.32 -1.47 0.00	37.53 -2.06 0.00	47.59 -1.50 1.04	39.67 -1.70 0.09	35.04 -1.84 0.01	30.06 -1.09 0.00	29.17 -1.28 0.00	30.19 -1.26 0.00	29.60 -1.10 0.00	30.02 -1.31 0.00	32.00 -1.03 0.09	33.03 -1.25 1.52	34.68 -1.55 6.87	37.31 -2.25 12.73	37.09 -1.96 2.59	27.59 -1.68 9.76	27.53 -1.44 3.80	26.60 -1.43 0.03	24.13 -1.60 0.03
BLUESTONE___WT_PWR 323821	28.39 0.96 0.00	26.43 0.89 0.00	26.17 0.81 0.00	25.90 0.85 0.00	26.45 0.87 0.00	29.99 1.18 -0.03	41.65 1.86 -0.20	54.87 3.66 -1.09	44.36 2.82 -0.08	39.04 2.14 -0.01	32.74 1.59 0.00	31.85 1.40 0.00	33.03 1.57 0.00	32.30 1.60 0.00	32.90 1.57 0.00	35.05 1.85 -0.08	39.01 2.08 -1.13	51.07 2.80 -5.17	64.55 3.71 -8.55	46.85 2.75 -2.47	48.69 2.30 -7.36	37.60 1.97 -2.86	29.64 1.57 -0.02	27.06 1.29 -0.02
BLUE_CIRC_CHEM_DRP 24182	28.37 0.93 0.00	26.46 0.92 0.00	26.30 0.94 0.00	25.95 0.90 0.00	26.48 0.90 0.00	29.71 0.92 0.00	40.85 1.27 0.00	51.88 1.75 0.00	42.87 1.41 0.00	37.93 1.03 0.00	31.99 0.84 0.00	31.24 0.79 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.15 0.81 0.00	34.17 1.06 0.00	37.02 1.22 0.00	44.70 1.59 0.00	54.17 1.88 0.00	43.17 1.54 0.00	40.43 1.41 0.00	33.92 1.15 0.00	29.06 1.01 0.00	26.68 0.93 0.00
BOC_GAS_DRP 24189	28.15 0.71 0.00	26.23 0.69 0.00	26.07 0.71 0.00	25.70 0.65 0.00	26.25 0.67 0.00	29.45 0.66 0.00	40.50 0.91 0.00	51.43 1.30 0.00	42.58 1.12 0.00	37.82 0.92 0.00	31.96 0.81 0.00	31.21 0.76 0.00	32.24 0.79 0.00	31.47 0.77 0.00	32.15 0.81 0.00	34.07 0.96 0.00	36.87 1.07 0.00	44.39 1.29 0.00	53.86 1.57 0.00	42.88 1.25 0.00	40.20 1.17 0.00	33.72 0.95 0.00	28.90 0.84 0.00	26.55 0.80 0.00
BOONVILLE_115KV_TB1 79983	27.98 0.55 0.00	26.02 0.49 0.00	25.79 0.43 0.00	25.53 0.48 0.00	26.04 0.46 0.00	29.54 0.72 -0.03	41.03 1.23 -0.22	52.44 2.06 -0.26	42.99 1.53 0.00	37.96 1.07 0.00	31.80 0.65 0.00	31.00 0.55 0.00	32.11 0.66 0.00	31.41 0.71 0.00	31.99 0.66 0.00	33.81 0.70 0.00	36.66 0.86 0.00	44.39 1.29 0.00	54.27 1.99 0.00	42.97 1.33 0.00	40.01 0.98 0.00	33.62 0.85 0.00	28.67 0.62 0.00	26.22 0.46 0.00
BORALEX_4TH_BRANCH 23824	29.22 1.78 0.00	27.20 1.66 0.00	27.01 1.65 0.00	26.65 1.60 0.00	27.22 1.64 0.00	30.54 1.76 0.00	42.04 2.45 0.00	53.48 3.36 0.00	44.28 2.82 0.00	39.14 2.25 0.00	33.17 2.02 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.61 1.90 0.00	33.31 1.97 0.00	35.40 2.28 0.00	38.38 2.58 0.00	46.25 3.15 0.00	56.05 3.76 0.00	44.63 3.00 0.00	41.76 2.73 0.00	35.03 2.26 0.00	30.05 1.99 0.00	27.61 1.85 0.00
BOWLINE___1 23526	28.64 1.21 0.00	26.58 1.05 0.00	26.45 1.09 0.00	26.10 1.05 0.00	26.63 1.05 0.00	29.85 1.07 0.00	41.09 1.50 0.00	52.58 2.46 0.00	43.45 1.99 0.00	38.63 1.73 0.00	32.58 1.43 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.25 2.22 0.00	34.57 1.80 0.00	29.68 1.63 0.00	27.30 1.55 0.00
BOWLINE___2 23595	28.64 1.21 0.00	26.58 1.05 0.00	26.45 1.09 0.00	26.10 1.05 0.00	26.63 1.05 0.00	29.85 1.07 0.00	41.09 1.50 0.00	52.58 2.46 0.00	43.45 1.99 0.00	38.63 1.73 0.00	32.58 1.43 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.80 2.00 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.25 2.22 0.00	34.57 1.80 0.00	29.68 1.63 0.00	27.30 1.55 0.00
BRADY___115KV_TB2 356060	29.55 2.11 0.00	27.55 2.02 0.00	27.14 1.78 0.00	26.98 1.93 0.00	27.50 1.92 0.00	31.42 2.59 -0.05	44.39 4.47 -0.33	57.18 6.67 -0.39	46.10 4.64 0.00	39.92 3.03 0.00	33.02 1.87 0.00	32.00 1.55 0.00	33.22 1.76 0.00	32.51 1.81 0.00	32.99 1.66 0.00	34.87 1.76 0.00	38.02 2.22 0.00	46.72 3.62 0.00	53.83 5.86 4.31	44.54 3.96 1.05	42.27 3.24 0.00	35.43 2.65 0.00	29.79 1.74 0.00	27.04 1.29 0.00
BRANSCOMB___SOLAR 323811	29.02 1.59 0.00	27.04 1.51 0.00	26.86 1.50 0.00	26.53 1.48 0.00	27.06 1.48 0.00	30.14 1.35 0.00	41.68 2.10 0.00	52.93 2.81 0.00	43.69 2.24 0.00	38.66 1.77 0.00	32.67 1.53 0.00	31.91 1.46 0.00	32.96 1.51 0.00	32.11 1.41 0.00	32.77 1.44 0.00	34.87 1.75 0.00	37.70 1.90 0.00	45.47 2.37 0.00	55.16 2.87 0.00	43.96 2.33 0.00	41.06 2.03 0.00	34.41 1.64 0.00	29.51 1.46 0.00	27.33 1.57 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.27 2.83 -0.01	28.09 2.55 0.00	27.82 2.46 0.00	27.43 2.38 0.00	27.99 2.40 0.00	31.46 2.68 0.00	41.56 1.98 0.00	52.68 2.56 0.00	43.82 2.36 0.00	38.92 2.03 0.00	33.55 2.40 0.00	32.98 2.53 0.00	33.53 2.08 0.00	32.97 2.27 0.00	33.49 2.16 0.00	35.20 2.09 0.00	38.16 2.36 0.00	46.08 2.97 0.00	56.21 3.92 0.00	44.80 3.16 0.00	41.72 2.69 0.00	35.59 2.82 0.00	31.08 3.03 0.00	28.65 2.88 -0.01

BRISTLHL_115KV_TB1 79998	26.64 -0.80 0.00	24.75 -0.79 0.00	24.57 -0.79 0.00	24.30 -0.75 0.00	24.84 -0.74 0.00	28.28 -0.72 -0.21	40.13 -0.95 -1.50	50.45 -1.45 -1.78	40.26 -1.20 0.00	35.93 -0.96 0.00	30.28 -0.87 0.00	29.60 -0.85 0.00	30.57 -0.88 0.00	29.84 -0.86 0.00	30.45 -0.88 0.00	32.12 -0.99 0.00	34.73 -1.07 0.00	41.84 -1.29 -0.03	51.61 -1.57 -0.89	40.47 -1.17 0.00	37.90 -1.13 0.00	31.82 -0.95 0.00	27.24 -0.81 0.00	24.96 -0.80 0.00
BROOKHAVEN___DRP 24191	30.27 2.83 -0.01	28.09 2.55 0.00	27.79 2.43 0.00	27.43 2.38 0.00	27.96 2.38 0.00	31.46 2.68 0.00	41.52 1.94 0.00	52.53 2.41 0.00	43.65 2.20 0.00	38.77 1.88 0.00	33.45 2.31 0.00	32.79 2.34 0.00	33.31 1.86 0.00	32.79 2.09 0.00	33.31 1.97 0.00	35.10 1.99 0.00	37.98 2.18 0.00	45.86 2.76 0.00	55.90 3.61 0.00	44.59 2.96 0.00	41.57 2.54 0.00	35.43 2.65 0.00	30.97 2.92 0.00	28.55 2.78 -0.01
BROOKLYN_NAVY_YARD 23515	28.91 1.48 0.00	26.74 1.20 0.00	26.65 1.29 0.00	26.30 1.25 0.00	26.81 1.23 0.00	29.99 1.21 0.01	41.32 1.74 0.00	52.88 2.76 0.00	43.78 2.32 0.00	39.03 2.14 0.00	32.92 1.77 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.61 1.90 0.00	33.31 1.98 0.00	35.40 2.28 0.00	38.24 2.44 0.00	45.90 2.80 0.00	55.68 3.40 0.00	44.30 2.67 0.00	41.65 2.62 0.00	34.87 2.10 0.00	29.99 1.93 0.00	27.59 1.83 0.00
BROOKLYN___ARMY_DRP 323595	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
BROOKVLE_69_KV_TB1 55790	29.62 2.17 -0.01	27.53 1.99 0.00	27.29 1.93 0.00	26.90 1.85 0.00	27.45 1.87 0.00	30.80 2.01 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.11 2.21 0.00	33.42 2.27 0.00	32.82 2.38 0.00	33.62 2.17 0.00	32.97 2.27 0.00	33.59 2.26 0.00	35.40 2.28 0.00	38.31 2.51 0.00	46.12 3.02 0.00	56.11 3.82 0.00	44.63 3.00 0.00	41.72 2.69 0.00	35.33 2.56 0.00	30.50 2.44 0.00	28.09 2.32 -0.01
BROOME_2_LFGE 323671	27.13 -0.30 0.00	25.28 -0.26 0.00	25.08 -0.28 0.00	24.77 -0.27 0.00	25.38 -0.21 0.00	28.77 -0.06 -0.04	39.81 -0.08 -0.30	51.51 1.15 -0.23	42.29 0.83 0.00	37.41 0.52 0.00	31.58 0.44 0.00	30.78 0.34 0.00	31.83 0.38 0.00	31.13 0.43 0.00	31.74 0.41 0.00	33.68 0.56 0.00	36.45 0.65 0.00	44.05 0.95 -0.01	53.08 1.20 0.41	42.69 1.00 -0.06	39.87 0.82 -0.02	33.43 0.66 -0.01	28.56 0.51 0.00	26.14 0.39 0.00
BROOME___LFGE 323600	27.13 -0.30 0.00	25.28 -0.26 0.00	25.08 -0.28 0.00	24.77 -0.27 0.00	25.38 -0.21 0.00	28.77 -0.06 -0.04	39.81 -0.08 -0.30	51.51 1.15 -0.23	42.29 0.83 0.00	37.41 0.52 0.00	31.58 0.44 0.00	30.78 0.34 0.00	31.83 0.38 0.00	31.13 0.43 0.00	31.74 0.41 0.00	33.68 0.56 0.00	36.45 0.65 0.00	44.05 0.95 -0.01	53.08 1.20 0.41	42.69 1.00 -0.06	39.87 0.82 -0.02	33.43 0.66 -0.01	28.56 0.51 0.00	26.14 0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	28.26 0.82 0.00	26.33 0.79 0.00	26.02 0.66 0.00	25.80 0.75 0.00	26.32 0.74 0.00	29.94 1.09 -0.06	42.05 2.06 -0.40	53.81 3.21 -0.48	43.70 2.24 0.00	38.29 1.40 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.21 0.75 0.00	31.50 0.80 0.00	31.99 0.66 0.00	33.78 0.66 0.00	36.66 0.86 0.00	44.65 1.55 0.00	52.15 2.67 2.80	42.66 1.71 0.68	40.36 1.33 0.00	33.82 1.05 0.00	28.62 0.56 0.00	26.09 0.33 0.00
BROWNSV1_27_KV_LOAD 356125	29.35 1.92 0.00	27.27 1.74 0.00	27.06 1.70 0.00	26.63 1.58 0.00	27.19 1.61 0.00	30.45 1.67 0.00	41.80 2.22 0.00	53.48 3.36 0.00	44.32 2.86 0.00	39.48 2.58 0.00	33.36 2.21 0.00	32.67 2.22 0.00	33.75 2.30 0.00	32.97 2.27 0.00	33.68 2.35 0.00	35.76 2.65 0.00	38.66 2.86 0.00	46.46 3.36 0.00	56.37 4.08 0.00	44.84 3.21 0.00	42.04 3.01 0.00	35.26 2.49 0.00	30.27 2.22 0.00	27.89 2.14 0.00
BURROWS___LYONSDAL 23803	27.96 0.52 0.00	26.00 0.46 0.00	25.74 0.38 0.00	25.48 0.43 0.00	26.02 0.43 0.00	29.51 0.69 -0.04	41.08 1.23 -0.27	52.55 2.11 -0.32	42.99 1.53 0.00	37.93 1.03 0.00	31.74 0.59 0.00	30.91 0.46 0.00	32.05 0.60 0.00	31.32 0.61 0.00	31.90 0.56 0.00	33.71 0.60 0.00	36.55 0.75 0.00	44.31 1.21 0.00	53.87 1.99 0.40	42.83 1.29 0.10	39.97 0.94 0.00	33.59 0.82 0.00	28.59 0.53 0.00	26.14 0.39 0.00
CAITHNESS_CC_1 323624	30.05 2.61 -0.01	27.79 2.25 -0.01	27.62 2.26 0.00	27.24 2.18 -0.01	27.78 2.20 0.00	31.21 2.42 -0.01	41.25 1.66 0.00	52.33 2.20 0.00	43.28 1.82 0.00	38.59 1.70 0.00	32.99 1.84 0.00	32.67 2.22 0.00	33.21 1.76 0.00	32.73 2.03 0.00	33.24 1.91 0.00	35.13 2.02 0.00	37.95 2.15 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.47 2.83 0.00	41.45 2.42 0.00	35.26 2.49 0.00	30.98 2.92 -0.01	28.49 2.73 -0.01
CALPINE BETH_PAGE_GT4 24209	29.86 2.41 -0.01	27.73 2.20 0.00	27.49 2.13 0.00	27.10 2.05 0.00	27.65 2.07 0.00	31.00 2.22 0.00	41.25 1.66 0.00	52.38 2.26 0.00	43.57 2.11 0.00	38.77 1.88 0.00	33.33 2.18 0.00	32.79 2.34 0.00	33.44 1.98 0.00	32.82 2.12 0.00	33.37 2.04 0.00	34.97 1.85 0.00	37.88 2.08 0.00	45.60 2.50 0.00	55.53 3.24 0.00	44.26 2.62 0.00	41.29 2.26 0.00	35.29 2.52 0.00	30.72 2.67 0.00	28.32 2.55 -0.01
CALPINE_BETH_PAGE_GT_4 323586	29.72 2.28 -0.01	27.54 1.99 -0.01	27.39 2.03 0.00	27.01 1.96 -0.01	27.55 1.97 0.00	30.87 2.07 -0.01	40.97 1.38 0.00	52.18 2.06 0.00	43.20 1.74 0.00	38.55 1.66 0.00	32.89 1.74 0.00	32.61 2.16 0.00	33.40 1.95 0.00	32.82 2.12 0.00	33.37 2.04 0.00	35.20 2.09 0.00	37.91 2.11 0.00	45.69 2.59 0.00	55.53 3.24 0.00	44.26 2.62 0.00	41.29 2.26 0.00	35.10 2.33 0.00	30.78 2.72 -0.01	28.32 2.55 -0.01
CALPINE_BP_GT1 23823	29.72 2.28 -0.01	27.54 1.99 -0.01	27.39 2.03 0.00	27.01 1.96 -0.01	27.55 1.97 0.00	30.87 2.07 -0.01	40.97 1.38 0.00	52.18 2.06 0.00	43.20 1.74 0.00	38.55 1.66 0.00	32.89 1.74 0.00	32.61 2.16 0.00	33.40 1.95 0.00	32.82 2.12 0.00	33.37 2.04 0.00	35.20 2.09 0.00	37.91 2.11 0.00	45.69 2.59 0.00	55.53 3.24 0.00	44.26 2.62 0.00	41.29 2.26 0.00	35.10 2.33 0.00	30.78 2.72 -0.01	28.32 2.55 -0.01
CALSPAN___DRP 24200	25.71 -1.73 0.00	23.90 -1.63 0.00	23.74 -1.62 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.16 -2.06 0.91	39.47 -1.91 0.08	35.26 -1.62 0.01	29.81 -1.34 0.00	29.17 -1.28 0.00	30.16 -1.29 0.00	29.66 -1.04 0.00	30.11 -1.22 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.25 -2.35 11.69	37.29 -2.04 2.30	28.50 -1.68 8.85	27.92 -1.41 3.45	26.80 -1.23 0.02	24.52 -1.21 0.02

CALVERTON___SOLAR 323806	30.24 2.80 -0.01	27.94 2.40 -0.01	27.77 2.41 0.00	27.39 2.33 -0.01	27.93 2.35 0.00	31.41 2.62 -0.01	41.52 1.94 0.00	52.68 2.56 0.00	43.57 2.11 0.00	38.77 1.88 0.00	33.17 2.02 0.00	32.83 2.38 0.00	33.34 1.89 0.00	32.85 2.15 0.00	33.37 2.04 0.00	35.33 2.22 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.05 3.77 0.00	44.71 3.08 0.00	41.69 2.66 0.00	35.46 2.69 0.00	31.09 3.03 -0.01	28.57 2.81 -0.01
CANDIGU_WT_PWR 323617	26.20 -1.23 0.00	24.47 -1.07 0.00	24.25 -1.12 0.00	24.00 -1.05 0.00	24.61 -0.97 0.00	28.06 -0.75 -0.02	38.67 -1.07 -0.15	47.73 -0.55 1.85	40.72 -0.58 0.15	36.18 -0.70 0.01	30.71 -0.44 0.00	29.84 -0.61 0.00	30.86 -0.60 0.00	30.21 -0.49 0.00	30.77 -0.56 0.00	32.43 -0.53 0.16	32.90 -0.61 2.30	32.05 -0.73 10.45	32.93 -0.62 18.63	36.35 -0.62 4.66	23.56 -0.63 14.84	26.43 -0.56 5.78	27.48 -0.53 0.04	25.10 -0.62 0.04
CARR STREET_E_SYR 24060	26.83 -0.60 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.50 -0.55 0.00	25.07 -0.51 0.00	28.36 -0.49 -0.07	39.33 -0.71 -0.46	49.51 -1.20 -0.58	40.55 -0.91 0.00	36.12 -0.78 0.00	30.46 -0.69 0.00	29.78 -0.67 0.00	30.76 -0.69 0.00	30.03 -0.68 0.00	30.64 -0.69 0.00	32.29 -0.83 0.00	34.91 -0.89 0.00	42.01 -1.08 0.01	50.54 -1.31 0.44	40.63 -1.00 0.00	38.01 -1.01 0.00	31.95 -0.82 0.00	27.35 -0.70 0.00	25.06 -0.69 0.00
CARTHAGE___PAPER 23857	27.87 0.44 0.00	26.00 0.46 0.00	25.69 0.33 0.00	25.47 0.43 0.00	25.99 0.41 0.00	29.59 0.72 -0.09	41.68 1.47 -0.63	53.33 2.46 -0.75	43.12 1.66 0.00	37.82 0.92 0.00	31.52 0.38 0.00	30.63 0.18 0.00	31.83 0.38 0.00	31.10 0.40 0.00	31.61 0.28 0.00	33.41 0.30 0.00	36.30 0.50 0.00	44.23 1.12 -0.01	53.46 2.09 0.92	42.69 1.33 0.27	39.93 0.90 0.00	33.53 0.75 0.00	28.42 0.36 0.00	25.94 0.18 0.00
CASSADAGA_WT_PWR 323784	25.40 -2.03 0.00	23.75 -1.79 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.92 -1.66 0.00	27.38 -1.41 0.00	37.53 -2.06 0.00	47.05 -2.01 1.07	39.42 -1.95 0.09	34.85 -2.03 0.01	29.78 -1.37 0.00	28.77 -1.67 0.00	29.76 -1.70 0.00	29.26 -1.44 0.00	29.70 -1.63 0.00	31.40 -1.62 0.09	32.45 -1.82 1.52	33.97 -2.24 6.89	36.76 -2.77 12.76	36.54 -2.42 2.68	27.09 -2.15 9.79	27.16 -1.80 3.81	26.40 -1.63 0.03	24.06 -1.67 0.03
CE_DUNWOOD___DRP 24194	29.03 1.59 0.00	26.99 1.46 0.00	26.78 1.42 0.00	26.38 1.33 0.00	26.94 1.36 0.00	30.20 1.41 0.00	41.41 1.82 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.00 2.10 0.00	32.99 1.84 0.00	32.25 1.80 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.27 2.15 0.00	38.13 2.33 0.00	45.90 2.80 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.49 2.46 0.00	34.84 2.06 0.00	29.88 1.82 0.00	27.53 1.78 0.00
CE_MILLWOOD___DRP 24193	28.97 1.54 0.00	26.97 1.43 0.00	26.76 1.39 0.00	26.35 1.30 0.00	26.91 1.33 0.00	30.17 1.38 0.00	41.37 1.78 0.00	52.83 2.71 0.00	43.78 2.32 0.00	38.92 2.03 0.00	32.92 1.78 0.00	32.18 1.74 0.00	33.25 1.79 0.00	32.48 1.78 0.00	33.18 1.85 0.00	35.20 2.09 0.00	38.09 2.29 0.00	45.82 2.72 0.00	55.63 3.35 0.00	44.26 2.62 0.00	41.45 2.42 0.00	34.80 2.03 0.00	29.85 1.80 0.00	27.48 1.73 0.00
CE_NYC2_DRP 24202	29.28 1.84 -0.01	27.23 1.69 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.45 1.86 0.00	52.83 2.71 0.00	43.86 2.40 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.56 2.45 0.00	38.41 2.61 0.00	45.95 2.84 0.00	55.63 3.35 0.00	44.30 2.66 0.00	41.61 2.58 0.00	35.00 2.23 0.00	30.16 2.10 0.00	27.80 2.03 -0.01
CE_NYC_DRP 24195	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.56 1.98 0.00	53.13 3.01 0.00	44.03 2.57 0.00	39.25 2.36 0.00	33.17 2.02 0.00	32.46 2.01 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	46.16 3.06 0.00	55.95 3.66 0.00	44.51 2.87 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.05 1.99 0.00	27.71 1.96 0.00
CHAFFEE___LFGE 323603	25.65 -1.78 0.00	24.03 -1.51 0.00	23.84 -1.52 0.00	23.55 -1.50 0.00	24.17 -1.41 0.00	27.63 -1.15 0.00	37.88 -1.70 0.00	47.44 -1.70 0.98	39.84 -1.53 0.09	35.34 -1.55 0.01	30.24 -0.90 0.00	29.29 -1.16 0.00	30.29 -1.16 0.00	29.78 -0.92 0.00	30.23 -1.10 0.00	31.93 -1.09 0.09	33.13 -1.22 1.45	35.03 -1.51 6.56	38.14 -1.93 12.22	37.47 -1.71 2.46	28.27 -1.44 9.31	27.97 -1.18 3.63	26.96 -1.07 0.02	24.60 -1.13 0.02
CHATEAUG_35_KV_LOAD 355732	27.76 0.33 0.00	25.92 0.38 0.00	25.69 0.33 0.00	25.40 0.35 0.00	25.91 0.33 0.00	28.96 0.17 0.00	39.98 0.40 0.00	50.18 0.05 0.00	41.50 0.04 0.00	36.93 0.04 0.00	31.24 0.09 0.00	30.63 0.18 0.00	31.58 0.13 0.00	30.86 0.15 0.00	31.39 0.06 0.00	33.01 -0.10 0.00	35.55 -0.25 0.00	42.50 -0.60 0.00	42.07 -0.78 9.43	38.55 -0.79 2.30	38.60 -0.43 0.00	32.28 -0.49 0.00	27.44 -0.62 0.00	25.04 -0.72 0.00
CHATEAUG_WT_PWR 323614	27.60 0.17 0.00	25.79 0.26 0.00	25.56 0.20 0.00	25.25 0.20 0.00	25.76 0.18 0.00	28.76 -0.03 0.00	39.66 0.08 0.00	49.83 -0.30 0.00	41.00 -0.46 0.00	36.78 -0.11 0.00	31.12 -0.03 0.00	30.54 0.09 0.00	31.49 0.03 0.00	30.76 0.06 0.00	31.33 0.00 0.00	32.95 -0.16 0.00	35.44 -0.36 0.00	42.41 -0.69 0.00	41.25 -1.05 9.99	38.20 -1.00 2.43	38.40 -0.63 0.00	32.12 -0.66 0.00	27.33 -0.73 0.00	24.93 -0.83 0.00
CHAT_HIGH_FALL_HYD 323578	27.76 0.33 0.00	25.92 0.38 0.00	25.69 0.33 0.00	25.40 0.35 0.00	25.91 0.33 0.00	28.96 0.17 0.00	39.98 0.40 0.00	50.18 0.05 0.00	41.50 0.04 0.00	36.93 0.04 0.00	31.24 0.09 0.00	30.63 0.18 0.00	31.58 0.13 0.00	30.86 0.15 0.00	31.39 0.06 0.00	33.01 -0.10 0.00	35.55 -0.25 0.00	42.50 -0.60 0.00	42.07 -0.78 9.43	38.55 -0.79 2.30	38.60 -0.43 0.00	32.28 -0.49 0.00	27.44 -0.62 0.00	25.04 -0.72 0.00
CHAUTAUQUA___LFGE 323629	25.54 -1.89 0.00	23.90 -1.63 0.00	23.69 -1.67 0.00	23.42 -1.63 0.00	24.05 -1.53 0.00	27.49 -1.29 0.00	37.69 -1.90 0.00	47.04 -2.06 1.02	39.50 -1.86 0.09	35.08 -1.81 0.01	30.00 -1.15 0.00	29.02 -1.43 0.00	30.04 -1.41 0.00	29.50 -1.20 0.00	29.99 -1.35 0.00	31.56 -1.46 0.09	32.72 -1.61 1.47	34.53 -1.94 6.64	37.49 -2.46 12.34	36.98 -2.08 2.57	27.76 -1.83 9.43	27.56 -1.54 3.67	26.68 -1.35 0.03	24.39 -1.34 0.03
CHERRYST_13_KV_LD 356241	29.25 1.81 0.00	27.20 1.66 0.00	26.96 1.60 0.00	26.55 1.50 0.00	27.12 1.53 0.00	30.37 1.58 0.00	41.68 2.10 0.00	53.28 3.16 0.00	44.15 2.69 0.00	39.36 2.47 0.00	33.27 2.12 0.00	32.58 2.13 0.00	33.66 2.20 0.00	32.88 2.18 0.00	33.59 2.26 0.00	35.66 2.55 0.00	38.52 2.72 0.00	46.29 3.19 0.00	56.11 3.82 0.00	44.63 3.00 0.00	41.84 2.81 0.00	35.10 2.33 0.00	30.13 2.08 0.00	27.77 2.01 0.00

CHESTROR_138KV_BK263 355645	28.86 1.43 0.00	26.84 1.30 0.00	26.63 1.27 0.00	26.25 1.20 0.00	26.81 1.23 0.00	30.11 1.32 0.00	41.33 1.74 0.00	52.78 2.66 0.00	43.70 2.24 0.00	38.74 1.84 0.00	32.68 1.53 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.93 1.60 0.00	34.93 1.82 0.00	37.84 2.04 0.00	45.69 2.59 0.00	55.48 3.19 0.00	44.13 2.50 0.00	41.29 2.26 0.00	34.64 1.87 0.00	29.65 1.60 0.00	27.33 1.57 0.00
CH_MIDHUDSON___DRP 24192	28.94 1.51 0.00	26.94 1.40 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.91 1.33 0.00	30.17 1.38 0.00	41.41 1.82 0.00	52.88 2.76 0.00	43.82 2.36 0.00	38.88 1.99 0.00	32.83 1.68 0.00	32.06 1.61 0.00	33.15 1.70 0.00	32.33 1.63 0.00	33.09 1.75 0.00	35.10 1.99 0.00	37.98 2.18 0.00	45.77 2.67 0.00	55.58 3.29 0.00	44.17 2.54 0.00	41.37 2.34 0.00	34.74 1.97 0.00	29.74 1.68 0.00	27.38 1.62 0.00
CH_MISC_IPPS 23765	28.91 1.48 0.00	26.84 1.30 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.89 1.30 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.03 2.14 0.00	32.83 1.68 0.00	32.06 1.61 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.15 1.82 0.00	35.17 2.05 0.00	38.09 2.29 0.00	45.95 2.84 0.00	55.85 3.56 0.00	44.34 2.70 0.00	41.57 2.54 0.00	34.84 2.07 0.00	29.82 1.77 0.00	27.46 1.70 0.00
CH_RES_BVR_FALLS 23983	27.02 -0.41 0.00	25.13 -0.41 0.00	24.93 -0.43 0.00	24.62 -0.43 0.00	25.12 -0.46 0.00	28.21 -0.58 0.00	38.83 -0.75 0.00	49.07 -1.06 0.00	40.55 -0.91 0.00	36.16 -0.74 0.00	30.59 -0.56 0.00	29.96 -0.49 0.00	30.95 -0.50 0.00	30.18 -0.52 0.00	30.77 -0.56 0.00	32.42 -0.70 0.00	34.98 -0.82 0.00	42.03 -1.08 0.00	35.44 -1.36 15.48	0.71 -1.08 39.84	0.63 -0.97 37.43	0.53 -0.82 31.43	0.45 -0.73 26.88	0.44 -0.67 24.65
CH_RES_NIAGARA 23895	24.91 -2.52 0.00	23.16 -2.37 0.00	23.00 -2.36 0.00	22.74 -2.30 0.00	23.30 -2.28 0.00	26.86 -1.93 0.00	36.50 -3.09 0.00	44.48 -4.71 0.94	37.39 -3.98 0.08	33.97 -2.91 0.01	28.72 -2.43 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.04 -2.29 0.00	30.25 -2.78 0.09	31.50 -3.08 1.23	33.51 -4.01 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.03 0.02
CH_RES_SYRACUSE 23985	26.97 -0.47 0.00	25.08 -0.46 0.00	24.90 -0.46 0.00	24.60 -0.45 0.00	25.17 -0.41 0.00	28.56 -0.34 -0.12	39.93 -0.52 -0.86	50.21 -0.95 -1.04	40.75 -0.71 0.00	36.27 -0.63 0.00	30.59 -0.56 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.42 -0.70 0.00	35.05 -0.75 0.00	42.19 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.17 -0.86 0.00	32.08 -0.69 0.00	27.46 -0.59 0.00	25.17 -0.59 0.00
CLINTON_WT_PWR 323605	27.60 0.17 0.00	25.79 0.26 0.00	25.56 0.20 0.00	25.25 0.20 0.00	25.76 0.18 0.00	28.76 -0.03 0.00	39.66 0.08 0.00	49.83 -0.30 0.00	41.00 -0.46 0.00	36.78 -0.11 0.00	31.12 -0.03 0.00	30.54 0.09 0.00	31.49 0.03 0.00	30.76 0.06 0.00	31.33 0.00 0.00	32.95 -0.16 0.00	35.44 -0.36 0.00	42.41 -0.69 0.00	41.25 -1.05 9.99	38.20 -1.00 2.43	38.40 -0.63 0.00	32.12 -0.66 0.00	27.33 -0.73 0.00	24.93 -0.83 0.00
CLINTON___LFGE 323618	28.26 0.82 0.00	26.48 0.95 0.00	26.20 0.84 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.39 0.61 0.00	40.69 1.11 0.00	50.73 0.60 0.00	41.62 0.17 0.00	37.48 0.59 0.00	31.71 0.56 0.00	31.09 0.64 0.00	32.02 0.57 0.00	31.28 0.58 0.00	31.86 0.53 0.00	33.48 0.36 0.00	36.02 0.22 0.00	43.02 -0.09 0.00	42.14 -0.36 9.78	38.96 -0.29 2.38	39.54 0.51 0.00	33.00 0.23 0.00	27.94 -0.11 0.00	25.52 -0.23 0.00
COBBLENY_34_KV_TB1 80064	25.76 -1.67 0.00	23.95 -1.58 0.00	23.79 -1.57 0.00	23.50 -1.55 0.00	24.10 -1.48 0.00	27.78 -1.01 0.00	37.84 -1.74 0.00	47.44 -1.70 0.98	39.75 -1.62 0.09	35.41 -1.48 0.01	29.97 -1.18 0.00	29.29 -1.16 0.00	30.29 -1.16 0.00	29.78 -0.92 0.00	30.24 -1.10 0.00	31.97 -1.06 0.09	33.13 -1.22 1.45	35.03 -1.51 6.56	38.13 -1.93 12.22	37.47 -1.71 2.46	28.31 -1.41 9.31	27.96 -1.18 3.63	26.94 -1.09 0.02	24.60 -1.13 0.02
COFFEEN___115KV_TB3 355620	27.98 0.55 0.00	26.02 0.49 0.00	25.72 0.36 0.00	25.53 0.48 0.00	26.04 0.46 0.00	29.73 0.83 -0.11	42.00 1.66 -0.75	53.77 2.76 -0.89	43.36 1.91 0.00	38.04 1.14 0.00	31.62 0.47 0.00	30.72 0.27 0.00	31.93 0.47 0.00	31.19 0.49 0.00	31.71 0.38 0.00	33.54 0.43 0.00	36.48 0.68 0.00	44.49 1.38 -0.01	54.15 2.51 0.65	43.03 1.62 0.22	40.16 1.13 0.00	33.72 0.95 0.00	28.59 0.53 0.00	26.07 0.31 0.00
COLDSPRG_115KV_BK1 355956	26.25 -1.18 0.00	24.39 -1.15 0.00	24.22 -1.14 0.00	23.92 -1.13 0.00	24.58 -1.00 0.00	28.38 -0.40 0.00	38.67 -0.91 0.00	49.14 0.15 1.14	41.19 -0.17 0.10	36.14 -0.74 0.01	30.62 -0.53 0.00	29.81 -0.64 0.00	30.83 -0.63 0.00	30.33 -0.37 0.00	30.77 -0.56 0.00	32.85 -0.17 0.10	33.98 -0.21 1.61	35.56 -0.26 7.29	38.56 -0.31 13.42	38.41 -0.37 2.84	28.37 -0.31 10.35	28.45 -0.29 4.03	27.58 -0.45 0.03	25.03 -0.70 0.03
COLONIE_LFGE___ 323577	28.70 1.26 0.00	26.71 1.18 0.00	26.53 1.17 0.00	26.20 1.15 0.00	26.73 1.15 0.00	29.97 1.18 0.00	41.32 1.74 0.00	52.58 2.46 0.00	43.45 1.99 0.00	38.51 1.62 0.00	32.55 1.40 0.00	31.82 1.37 0.00	32.87 1.42 0.00	32.05 1.35 0.00	32.71 1.38 0.00	34.77 1.65 0.00	37.63 1.82 0.00	45.34 2.24 0.00	55.01 2.72 0.00	43.80 2.16 0.00	41.02 1.99 0.00	34.38 1.61 0.00	29.46 1.40 0.00	27.12 1.36 0.00
COOPERNY_115KV_TB1 80082	28.31 0.88 0.00	26.33 0.79 0.00	26.15 0.79 0.00	25.80 0.75 0.00	26.35 0.77 0.00	29.62 0.83 0.00	40.65 1.07 0.00	52.20 1.80 -0.27	42.97 1.49 -0.02	38.11 1.22 0.00	32.18 1.03 0.00	31.42 0.97 0.00	32.49 1.04 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.36 1.23 -0.02	37.46 1.36 -0.30	46.19 1.72 -1.36	56.76 2.14 -2.33	43.95 1.67 -0.65	42.45 1.48 -1.93	34.77 1.25 -0.75	29.13 1.07 -0.01	26.77 1.00 -0.01
COPENHAGEN_WT_PWR 323753	27.74 0.30 0.00	25.84 0.31 0.00	25.56 0.20 0.00	25.33 0.28 0.00	25.86 0.28 0.00	29.44 0.55 -0.11	41.51 1.15 -0.78	53.06 2.01 -0.93	42.82 1.37 0.00	37.63 0.74 0.00	31.37 0.22 0.00	30.51 0.06 0.00	31.64 0.19 0.00	30.92 0.22 0.00	31.46 0.13 0.00	33.21 0.10 0.00	36.09 0.29 0.00	43.93 0.82 -0.01	53.38 1.67 0.58	42.46 1.04 0.21	39.65 0.62 0.00	33.29 0.52 0.00	28.28 0.22 0.00	25.83 0.08 0.00
CORNELL_____ 23752	27.52 0.08 0.00	25.56 0.03 0.00	25.36 0.00 0.00	25.07 0.03 0.00	25.66 0.08 0.00	29.18 0.35 -0.05	40.51 0.55 -0.37	59.33 2.36 -6.85	43.78 1.78 -0.54	38.23 1.29 -0.05	32.05 0.90 0.00	31.27 0.82 0.00	32.33 0.88 0.00	31.62 0.92 0.00	32.27 0.94 0.00	34.84 1.16 -0.56	45.21 1.29 -8.12	81.97 1.85 -37.02	117.58 2.41 -62.89	61.06 1.96 -17.47	93.29 1.60 -52.66	54.61 1.34 -20.49	29.23 1.04 -0.14	26.69 0.80 -0.14

CORONA__69_KV_TB1 355595	29.67 2.22 -0.02	27.58 2.04 0.00	27.36 2.00 0.00	26.95 1.90 0.00	27.53 1.94 0.00	30.89 2.10 0.00	41.29 1.70 0.00	52.48 2.36 0.00	43.61 2.16 0.00	38.88 1.99 0.00	33.39 2.24 0.00	32.79 2.34 0.00	33.53 2.08 0.00	32.91 2.21 0.00	33.49 2.16 0.00	35.23 2.12 0.00	38.09 2.29 0.00	45.86 2.76 0.00	55.84 3.56 0.00	44.46 2.83 0.00	41.53 2.50 0.00	35.29 2.52 0.00	30.58 2.52 0.00	28.17 2.40 -0.02
CORTLAND_115KV_TB3 80093	27.35 -0.08 0.00	25.41 -0.13 0.00	25.23 -0.13 0.00	24.92 -0.13 0.00	25.50 -0.08 0.00	28.96 0.12 -0.06	40.23 0.20 -0.45	53.99 1.50 -2.36	42.79 1.16 -0.17	37.72 0.81 -0.02	31.71 0.56 0.00	30.97 0.52 0.00	32.02 0.57 0.00	31.29 0.58 0.00	31.93 0.60 0.00	34.02 0.73 -0.17	39.15 0.82 -2.52	55.76 1.16 -11.49	73.11 1.52 -19.31	48.32 1.25 -5.44	56.40 1.01 -16.35	39.96 0.82 -6.36	28.74 0.65 -0.04	26.29 0.49 -0.04
COXSACKIE___GT 23611	29.08 1.65 0.00	27.07 1.53 0.00	26.91 1.55 0.00	26.55 1.50 0.00	27.14 1.56 0.00	30.51 1.73 0.00	42.36 2.77 0.00	53.78 3.66 0.00	44.28 2.82 0.00	38.74 1.84 0.00	32.40 1.25 0.00	31.45 1.00 0.00	32.49 1.04 0.00	31.59 0.89 0.00	32.49 1.16 0.00	34.57 1.46 0.00	37.63 1.82 0.00	45.77 2.67 0.00	55.74 3.45 0.00	44.17 2.54 0.00	41.29 2.26 0.00	34.61 1.83 0.00	29.46 1.40 0.00	27.17 1.42 0.00
CPV_VALLEY___CC1 323721	28.45 1.02 0.00	26.43 0.89 0.00	26.27 0.91 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.71 0.92 0.00	40.89 1.30 0.00	52.28 2.15 0.00	43.20 1.74 0.00	38.41 1.51 0.00	32.40 1.25 0.00	31.67 1.22 0.00	32.74 1.29 0.00	31.96 1.26 0.00	32.68 1.35 0.00	34.67 1.56 0.00	37.52 1.72 0.00	45.21 2.11 0.00	54.90 2.61 0.00	43.67 2.04 0.00	40.94 1.91 0.00	34.31 1.54 0.00	29.43 1.37 0.00	27.04 1.29 0.00
CPV_VALLEY___CC2 323722	28.45 1.02 0.00	26.43 0.89 0.00	26.27 0.91 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.71 0.92 0.00	40.89 1.30 0.00	52.28 2.15 0.00	43.20 1.74 0.00	38.41 1.51 0.00	32.40 1.25 0.00	31.67 1.22 0.00	32.74 1.29 0.00	31.96 1.26 0.00	32.68 1.35 0.00	34.67 1.56 0.00	37.52 1.72 0.00	45.21 2.11 0.00	54.90 2.61 0.00	43.67 2.04 0.00	40.94 1.91 0.00	34.31 1.54 0.00	29.43 1.37 0.00	27.04 1.29 0.00
CRESCENT___HYD 24018	28.70 1.26 0.00	26.71 1.18 0.00	26.53 1.17 0.00	26.20 1.15 0.00	26.73 1.15 0.00	29.97 1.18 0.00	41.32 1.74 0.00	52.58 2.46 0.00	43.45 1.99 0.00	38.51 1.62 0.00	32.55 1.40 0.00	31.82 1.37 0.00	32.87 1.42 0.00	32.05 1.35 0.00	32.71 1.38 0.00	34.77 1.65 0.00	37.63 1.82 0.00	45.34 2.24 0.00	55.01 2.72 0.00	43.80 2.16 0.00	41.02 1.99 0.00	34.38 1.61 0.00	29.46 1.40 0.00	27.12 1.36 0.00
CRICKET___VALLEY_CC1 323756	28.70 1.26 0.00	26.61 1.07 0.00	26.50 1.14 0.00	26.15 1.10 0.00	26.66 1.07 0.00	29.88 1.09 0.00	41.17 1.59 0.00	52.53 2.41 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.61 1.46 0.00	31.94 1.49 0.00	32.99 1.54 0.00	32.21 1.50 0.00	32.90 1.57 0.00	34.93 1.82 0.00	37.80 2.00 0.00	45.51 2.41 0.00	55.21 2.93 0.00	43.96 2.33 0.00	41.21 2.18 0.00	34.57 1.80 0.00	29.65 1.60 0.00	27.28 1.52 0.00
CRICKET___VALLEY_CC2 323757	28.70 1.26 0.00	26.61 1.07 0.00	26.50 1.14 0.00	26.15 1.10 0.00	26.66 1.07 0.00	29.88 1.09 0.00	41.17 1.59 0.00	52.53 2.41 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.61 1.46 0.00	31.94 1.49 0.00	32.99 1.54 0.00	32.21 1.50 0.00	32.90 1.57 0.00	34.93 1.82 0.00	37.80 2.00 0.00	45.51 2.41 0.00	55.21 2.93 0.00	43.96 2.33 0.00	41.21 2.18 0.00	34.57 1.80 0.00	29.65 1.60 0.00	27.28 1.52 0.00
CRICKET___VALLEY_CC3 323758	28.70 1.26 0.00	26.61 1.07 0.00	26.50 1.14 0.00	26.15 1.10 0.00	26.66 1.07 0.00	29.88 1.09 0.00	41.17 1.59 0.00	52.53 2.41 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.61 1.46 0.00	31.94 1.49 0.00	32.99 1.54 0.00	32.21 1.50 0.00	32.90 1.57 0.00	34.93 1.82 0.00	37.80 2.00 0.00	45.51 2.41 0.00	55.21 2.93 0.00	43.96 2.33 0.00	41.21 2.18 0.00	34.57 1.80 0.00	29.65 1.60 0.00	27.28 1.52 0.00
CRUCIBLE_METL_DRP 24180	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.50 -0.40 -0.12	39.93 -0.51 -0.86	50.16 -1.00 -1.04	40.67 -0.79 0.00	36.30 -0.59 0.00	30.56 -0.59 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.45 -0.66 0.00	35.05 -0.75 0.00	42.20 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.21 -0.82 0.00	32.08 -0.69 0.00	27.47 -0.59 0.00	25.16 -0.59 0.00
DAHOWA___HYDRO 323763	29.16 1.73 0.00	27.17 1.64 0.00	26.98 1.62 0.00	26.65 1.60 0.00	27.17 1.59 0.00	30.20 1.41 0.00	41.76 2.18 0.00	53.08 2.96 0.00	43.82 2.36 0.00	38.77 1.88 0.00	32.74 1.59 0.00	31.97 1.52 0.00	33.06 1.60 0.00	32.18 1.47 0.00	32.84 1.50 0.00	34.90 1.79 0.00	37.73 1.93 0.00	45.51 2.41 0.00	55.21 2.93 0.00	44.00 2.37 0.00	41.10 2.07 0.00	34.41 1.64 0.00	29.54 1.49 0.00	27.43 1.67 0.00
DANC___LFGE 323619	27.33 -0.11 0.00	25.46 -0.08 0.00	25.21 -0.15 0.00	24.95 -0.10 0.00	25.50 -0.08 0.00	29.01 0.09 -0.13	40.89 0.36 -0.95	51.91 0.65 -1.13	41.83 0.37 0.00	36.93 0.04 0.00	30.90 -0.25 0.00	30.12 -0.33 0.00	31.20 -0.25 0.00	30.46 -0.25 0.00	31.02 -0.31 0.00	32.75 -0.36 0.00	35.55 -0.25 0.00	43.07 -0.04 -0.01	52.52 0.42 0.18	41.66 0.17 0.14	38.95 -0.08 0.00	32.71 -0.07 0.00	27.83 -0.23 0.00	25.47 -0.28 0.00
DANSKAMMER___1 23586	28.91 1.48 0.00	26.84 1.30 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.89 1.30 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.03 2.14 0.00	32.83 1.68 0.00	32.06 1.61 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.15 1.82 0.00	35.17 2.05 0.00	38.09 2.29 0.00	45.95 2.84 0.00	55.85 3.56 0.00	44.34 2.70 0.00	41.57 2.54 0.00	34.84 2.07 0.00	29.82 1.77 0.00	27.46 1.70 0.00
DANSKAMMER___2 23589	28.91 1.48 0.00	26.84 1.30 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.89 1.30 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.03 2.14 0.00	32.83 1.68 0.00	32.06 1.61 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.15 1.82 0.00	35.17 2.05 0.00	38.09 2.29 0.00	45.95 2.84 0.00	55.85 3.56 0.00	44.34 2.70 0.00	41.57 2.54 0.00	34.84 2.07 0.00	29.82 1.77 0.00	27.46 1.70 0.00
DANSKAMMER___3 23590	28.91 1.48 0.00	26.84 1.30 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.89 1.30 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.03 2.14 0.00	32.83 1.68 0.00	32.06 1.61 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.15 1.82 0.00	35.17 2.05 0.00	38.09 2.29 0.00	45.95 2.84 0.00	55.85 3.56 0.00	44.34 2.70 0.00	41.57 2.54 0.00	34.84 2.07 0.00	29.82 1.77 0.00	27.46 1.70 0.00

DANSKAMMER___4 23591	28.91 1.48 0.00	26.84 1.30 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.89 1.30 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.03 2.14 0.00	32.83 1.68 0.00	32.06 1.61 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.15 1.82 0.00	35.17 2.05 0.00	38.09 2.29 0.00	45.95 2.84 0.00	55.85 3.56 0.00	44.34 2.70 0.00	41.57 2.54 0.00	34.84 2.07 0.00	29.82 1.77 0.00	27.46 1.70 0.00
DANSKAMMER___DIESEL 23592	29.05 1.62 0.00	27.02 1.48 0.00	26.81 1.45 0.00	26.43 1.38 0.00	27.01 1.43 0.00	30.28 1.50 0.00	41.60 2.02 0.00	53.13 3.01 0.00	44.03 2.57 0.00	39.07 2.18 0.00	32.92 1.78 0.00	32.09 1.64 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.15 1.82 0.00	35.17 2.05 0.00	38.09 2.29 0.00	45.95 2.84 0.00	55.84 3.56 0.00	44.34 2.71 0.00	41.53 2.50 0.00	34.84 2.06 0.00	29.79 1.74 0.00	27.46 1.70 0.00
DARBY___SOLAR 323810	29.05 1.62 0.00	27.07 1.53 0.00	26.88 1.52 0.00	26.53 1.48 0.00	27.06 1.48 0.00	30.14 1.35 0.00	41.64 2.06 0.00	52.93 2.81 0.00	43.69 2.24 0.00	38.70 1.81 0.00	32.67 1.53 0.00	31.94 1.49 0.00	32.99 1.54 0.00	32.15 1.44 0.00	32.80 1.47 0.00	34.87 1.75 0.00	37.70 1.90 0.00	45.43 2.33 0.00	55.16 2.87 0.00	43.92 2.29 0.00	41.06 2.03 0.00	34.38 1.61 0.00	29.51 1.46 0.00	27.35 1.60 0.00
DASHVILLE___HYD 23610	28.70 1.26 0.00	26.69 1.15 0.00	26.50 1.14 0.00	26.13 1.08 0.00	26.68 1.10 0.00	29.88 1.09 0.00	41.01 1.43 0.00	52.33 2.21 0.00	43.32 1.87 0.00	38.44 1.55 0.00	32.43 1.28 0.00	31.64 1.19 0.00	32.71 1.26 0.00	31.90 1.20 0.00	32.68 1.35 0.00	34.64 1.52 0.00	37.52 1.72 0.00	45.26 2.16 0.00	54.95 2.67 0.00	43.63 2.00 0.00	40.90 1.87 0.00	34.38 1.61 0.00	29.40 1.35 0.00	27.15 1.39 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.76 3.32 -0.01	28.52 2.99 0.00	28.20 2.84 0.00	27.83 2.78 0.00	28.37 2.79 0.00	31.92 3.14 0.00	42.20 2.61 0.00	53.33 3.21 0.00	44.32 2.86 0.00	39.29 2.40 0.00	33.92 2.77 0.00	33.25 2.80 0.00	33.72 2.26 0.00	33.16 2.46 0.00	33.68 2.35 0.00	35.53 2.42 0.00	38.45 2.65 0.00	46.38 3.28 0.00	56.42 4.13 0.00	44.92 3.29 0.00	41.76 2.73 0.00	35.59 2.82 0.00	31.00 2.95 0.00	28.55 2.78 -0.01
DELAWARE___LFGE 323621	28.15 0.71 0.00	26.20 0.66 0.00	26.02 0.66 0.00	25.70 0.65 0.00	26.25 0.67 0.00	29.61 0.81 -0.02	40.87 1.15 -0.14	52.73 2.11 -0.50	43.19 1.70 -0.04	38.26 1.37 0.00	32.18 1.03 0.00	31.42 0.97 0.00	32.52 1.07 0.00	31.78 1.07 0.00	32.40 1.07 0.00	34.41 1.26 -0.03	37.70 1.40 -0.50	47.19 1.81 -2.28	58.19 2.25 -3.65	44.44 1.71 -1.10	43.80 1.52 -3.24	35.31 1.28 -1.26	29.10 1.04 -0.01	26.69 0.93 -0.01
DERFIELD_115KV_TB7 355931	27.49 0.05 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.63 0.05 0.00	28.84 0.06 0.00	39.66 0.08 0.00	50.33 0.20 0.00	41.62 0.17 0.00	37.00 0.11 0.00	31.24 0.09 0.00	30.54 0.09 0.00	31.55 0.09 0.00	30.79 0.09 0.00	31.43 0.09 0.00	33.25 0.13 0.00	35.94 0.14 0.00	43.27 0.17 0.00	53.13 0.26 -0.58	41.94 0.17 -0.14	39.15 0.12 0.00	32.90 0.13 0.00	28.17 0.11 0.00	25.89 0.13 0.00
DOGLEVILLE___HYD 23807	26.50 -0.93 0.00	24.67 -0.87 0.00	24.47 -0.89 0.00	24.20 -0.85 0.00	24.74 -0.84 0.00	27.86 -0.92 0.00	38.32 -1.27 0.00	48.67 -1.46 0.00	40.25 -1.20 0.00	35.82 -1.07 0.00	30.40 -0.75 0.00	29.78 -0.67 0.00	30.86 -0.60 0.00	30.09 -0.61 0.00	30.64 -0.69 0.00	32.42 -0.70 0.00	34.94 -0.86 0.00	42.07 -1.03 0.00	51.67 -1.20 -0.58	40.77 -1.00 -0.14	38.09 -0.94 0.00	32.08 -0.69 0.00	27.49 -0.56 0.00	25.24 -0.51 0.00
DUNKIRK___115KV_TB_200 55889	25.68 -1.76 0.00	23.88 -1.66 0.00	23.69 -1.67 0.00	23.42 -1.63 0.00	24.00 -1.59 0.00	27.69 -1.09 0.00	37.69 -1.90 0.00	47.05 -2.06 1.02	39.42 -1.95 0.09	35.15 -1.73 0.01	29.75 -1.40 0.00	29.08 -1.37 0.00	30.07 -1.38 0.00	29.54 -1.17 0.00	30.02 -1.32 0.00	31.63 -1.39 0.09	32.76 -1.58 1.46	34.59 -1.90 6.61	37.58 -2.41 12.30	37.03 -2.04 2.56	27.87 -1.76 9.40	27.60 -1.51 3.66	26.71 -1.32 0.02	24.44 -1.29 0.02
DUNKIRK___1 23563	25.68 -1.76 0.00	23.88 -1.66 0.00	23.69 -1.67 0.00	23.42 -1.63 0.00	24.00 -1.59 0.00	27.69 -1.09 0.00	37.69 -1.90 0.00	47.05 -2.06 1.02	39.42 -1.95 0.09	35.15 -1.73 0.01	29.75 -1.40 0.00	29.08 -1.37 0.00	30.07 -1.38 0.00	29.54 -1.17 0.00	30.02 -1.32 0.00	31.63 -1.39 0.09	32.76 -1.58 1.46	34.59 -1.90 6.61	37.58 -2.41 12.30	37.03 -2.04 2.56	27.87 -1.76 9.40	27.60 -1.51 3.66	26.71 -1.32 0.02	24.44 -1.29 0.02
DUNKIRK___2 23564	25.68 -1.76 0.00	23.88 -1.66 0.00	23.69 -1.67 0.00	23.42 -1.63 0.00	24.00 -1.59 0.00	27.69 -1.09 0.00	37.69 -1.90 0.00	47.05 -2.06 1.02	39.42 -1.95 0.09	35.15 -1.73 0.01	29.75 -1.40 0.00	29.08 -1.37 0.00	30.07 -1.38 0.00	29.54 -1.17 0.00	30.02 -1.32 0.00	31.63 -1.39 0.09	32.76 -1.58 1.46	34.59 -1.90 6.61	37.58 -2.41 12.30	37.03 -2.04 2.56	27.87 -1.76 9.40	27.60 -1.51 3.66	26.71 -1.32 0.02	24.44 -1.29 0.02
DUNKIRK___3 23565	25.71 -1.73 0.00	23.90 -1.63 0.00	23.74 -1.62 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.18 -1.95 0.99	39.50 -1.87 0.09	35.22 -1.66 0.01	29.78 -1.37 0.00	29.11 -1.34 0.00	30.10 -1.35 0.00	29.60 -1.11 0.00	30.05 -1.28 0.00	31.70 -1.32 0.09	32.90 -1.47 1.43	34.87 -1.77 6.47	37.98 -2.25 12.06	37.21 -1.92 2.50	28.20 -1.64 9.19	27.78 -1.41 3.58	26.80 -1.23 0.02	24.50 -1.24 0.02
DUNKIRK___4 23566	25.71 -1.73 0.00	23.90 -1.63 0.00	23.74 -1.62 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.18 -1.95 0.99	39.50 -1.87 0.09	35.22 -1.66 0.01	29.78 -1.37 0.00	29.11 -1.34 0.00	30.10 -1.35 0.00	29.60 -1.11 0.00	30.05 -1.28 0.00	31.70 -1.32 0.09	32.90 -1.47 1.43	34.87 -1.77 6.47	37.98 -2.25 12.06	37.21 -1.92 2.50	28.20 -1.64 9.19	27.78 -1.41 3.58	26.80 -1.23 0.02	24.50 -1.24 0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.05 1.62 0.00	27.02 1.48 0.00	26.78 1.42 0.00	26.40 1.35 0.00	26.94 1.36 0.00	30.22 1.44 0.00	41.45 1.86 0.00	52.93 2.81 0.00	43.86 2.40 0.00	39.03 2.14 0.00	33.02 1.87 0.00	32.31 1.86 0.00	33.37 1.92 0.00	32.61 1.90 0.00	33.31 1.97 0.00	35.33 2.22 0.00	38.20 2.40 0.00	45.95 2.84 0.00	55.79 3.50 0.00	44.38 2.75 0.00	41.57 2.54 0.00	34.90 2.13 0.00	29.93 1.88 0.00	27.56 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.89 1.45 0.00	26.89 1.35 0.00	26.68 1.32 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.14 1.35 0.00	41.37 1.78 0.00	52.88 2.76 0.00	43.78 2.32 0.00	38.85 1.96 0.00	32.74 1.59 0.00	31.94 1.49 0.00	33.03 1.57 0.00	32.24 1.54 0.00	32.99 1.66 0.00	35.00 1.89 0.00	37.91 2.11 0.00	45.73 2.63 0.00	55.58 3.29 0.00	44.17 2.54 0.00	41.33 2.30 0.00	34.70 1.93 0.00	29.68 1.63 0.00	27.35 1.60 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.36 1.92 -0.01	27.31 1.76 -0.01	27.09 1.72 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.48 1.70 0.00	41.33 1.74 0.00	52.58 2.46 0.00	43.65 2.20 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.31 1.86 0.00	33.40 1.95 0.00	32.64 1.93 0.00	33.34 2.01 0.00	35.40 2.28 0.00	38.24 2.43 0.00	45.73 2.63 0.00	55.37 3.08 0.00	44.09 2.46 0.00	41.41 2.38 0.00	34.87 2.10 0.00	30.16 2.10 0.00	27.85 2.09 -0.01
E179THST_13_KV_LOAD 356214	29.47 2.03 -0.01	27.41 1.86 -0.01	27.17 1.80 -0.01	26.79 1.73 -0.01	27.33 1.74 -0.01	30.57 1.78 0.00	41.49 1.90 0.00	52.83 2.71 0.00	43.82 2.36 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.46 2.01 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.56 2.45 0.00	38.41 2.61 0.00	45.99 2.89 0.00	55.63 3.35 0.00	44.30 2.66 0.00	41.61 2.58 0.00	35.00 2.23 0.00	30.30 2.24 0.00	27.98 2.22 -0.01
EAST HAMPTON___GT 23717	30.82 3.37 -0.01	28.46 2.91 -0.01	28.23 2.86 0.00	27.84 2.78 -0.01	28.40 2.81 0.00	31.93 3.14 -0.01	42.28 2.69 0.00	53.54 3.41 0.00	44.24 2.78 0.00	39.29 2.40 0.00	33.61 2.46 0.00	33.25 2.80 0.00	33.72 2.27 0.00	33.19 2.49 0.00	33.62 2.29 0.00	35.60 2.48 0.00	38.45 2.65 0.00	46.51 3.40 0.00	56.10 3.82 0.00	44.63 3.00 0.00	41.41 2.38 0.00	35.20 2.43 0.00	30.70 2.64 -0.01	28.21 2.45 -0.01
EAST RIVER___6 23660	29.05 1.62 0.00	26.89 1.35 0.00	26.78 1.42 0.00	26.43 1.38 0.00	26.94 1.35 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.23 3.11 0.00	44.07 2.61 0.00	39.29 2.40 0.00	33.14 2.00 0.00	32.52 2.07 0.00	33.62 2.17 0.00	32.85 2.15 0.00	33.56 2.22 0.00	35.66 2.55 0.00	38.49 2.69 0.00	46.25 3.14 0.00	56.10 3.82 0.00	44.63 3.00 0.00	41.92 2.89 0.00	35.06 2.29 0.00	30.16 2.11 0.00	27.74 1.98 0.00
EAST RIVER___7 23524	29.05 1.62 0.00	26.89 1.35 0.00	26.78 1.42 0.00	26.43 1.38 0.00	26.94 1.35 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.23 3.11 0.00	44.07 2.61 0.00	39.29 2.40 0.00	33.14 2.00 0.00	32.52 2.07 0.00	33.62 2.17 0.00	32.85 2.15 0.00	33.56 2.22 0.00	35.66 2.55 0.00	38.49 2.69 0.00	46.25 3.14 0.00	56.10 3.82 0.00	44.63 3.00 0.00	41.92 2.89 0.00	35.06 2.29 0.00	30.16 2.11 0.00	27.74 1.98 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.03 1.59 0.00	26.99 1.46 0.00	26.78 1.42 0.00	26.38 1.33 0.00	26.94 1.36 0.00	30.20 1.41 0.00	41.41 1.82 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.00 2.10 0.00	32.99 1.84 0.00	32.25 1.80 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.27 2.15 0.00	38.13 2.33 0.00	45.90 2.80 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.49 2.46 0.00	34.84 2.06 0.00	29.88 1.82 0.00	27.53 1.78 0.00
EAST_HAMPTON___DIESEL 23722	30.82 3.37 -0.01	28.46 2.91 -0.01	28.23 2.86 0.00	27.84 2.78 -0.01	28.40 2.81 0.00	31.93 3.14 -0.01	42.24 2.65 0.00	53.54 3.41 0.00	44.19 2.74 0.00	39.29 2.40 0.00	33.58 2.43 0.00	33.22 2.77 0.00	33.69 2.23 0.00	33.16 2.46 0.00	33.59 2.26 0.00	35.56 2.45 0.00	38.41 2.61 0.00	46.47 3.36 0.00	56.00 3.71 0.00	44.50 2.87 0.00	41.33 2.30 0.00	35.13 2.36 0.00	30.64 2.58 -0.01	28.16 2.40 -0.01
EAST_POINT___SOLAR 323840	29.93 2.50 0.00	27.91 2.38 0.00	27.69 2.33 0.00	27.38 2.33 0.00	27.96 2.38 0.00	31.55 2.76 0.00	43.90 4.32 0.00	55.84 5.71 0.00	45.23 3.77 0.00	39.29 2.40 0.00	32.43 1.28 0.00	31.58 1.13 0.00	32.90 1.45 0.00	32.30 1.60 0.00	33.31 1.98 0.00	36.46 3.34 0.00	39.27 3.47 0.00	47.67 4.57 0.00	57.94 5.65 0.00	46.17 4.54 0.00	43.13 4.10 0.00	36.15 3.38 0.00	30.81 2.75 0.00	28.20 2.45 0.00
EAST_PULASKI___ESR 323781	26.97 -0.47 0.00	25.10 -0.43 0.00	24.90 -0.46 0.00	24.62 -0.43 0.00	25.17 -0.41 0.00	28.63 -0.34 -0.19	40.48 -0.43 -1.33	51.10 -0.60 -1.58	40.92 -0.54 0.00	36.30 -0.59 0.00	30.53 -0.62 0.00	29.78 -0.67 0.00	30.79 -0.66 0.00	30.06 -0.65 0.00	30.67 -0.66 0.00	32.35 -0.76 0.00	35.01 -0.79 0.00	42.31 -0.82 -0.03	51.99 -0.78 -0.49	40.94 -0.62 0.07	38.29 -0.74 0.00	32.15 -0.62 0.00	27.46 -0.59 0.00	25.17 -0.59 0.00
EAST_RIVER___1 323558	29.02 1.59 0.00	26.86 1.33 0.00	26.78 1.42 0.00	26.43 1.38 0.00	26.94 1.35 0.00	30.14 1.35 0.00	41.52 1.94 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.22 2.33 0.00	33.08 1.93 0.00	32.46 2.01 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.56 2.45 0.00	38.41 2.61 0.00	46.12 3.02 0.00	55.95 3.66 0.00	44.50 2.87 0.00	41.80 2.77 0.00	35.03 2.26 0.00	30.13 2.08 0.00	27.71 1.96 0.00
EAST_RIVER___2 323559	29.05 1.62 0.00	26.89 1.35 0.00	26.78 1.42 0.00	26.43 1.38 0.00	26.94 1.35 0.00	30.14 1.35 0.00	41.56 1.98 0.00	53.23 3.11 0.00	44.07 2.61 0.00	39.29 2.40 0.00	33.14 2.00 0.00	32.52 2.07 0.00	33.62 2.17 0.00	32.85 2.15 0.00	33.56 2.22 0.00	35.66 2.55 0.00	38.49 2.69 0.00	46.25 3.14 0.00	56.10 3.82 0.00	44.63 3.00 0.00	41.92 2.89 0.00	35.06 2.29 0.00	30.16 2.11 0.00	27.74 1.98 0.00
EAST___DELAWARE_HYD 23607	28.81 1.37 0.00	26.74 1.20 0.00	26.58 1.22 0.00	26.25 1.20 0.00	26.78 1.20 0.00	30.08 1.30 0.00	41.56 1.98 0.00	53.18 3.06 0.00	43.94 2.49 0.00	38.92 2.03 0.00	32.67 1.53 0.00	31.85 1.40 0.00	32.99 1.54 0.00	32.18 1.47 0.00	32.96 1.63 0.00	34.97 1.85 0.00	37.91 2.11 0.00	45.82 2.72 0.00	55.74 3.45 0.00	44.22 2.58 0.00	41.37 2.34 0.00	34.74 1.97 0.00	29.68 1.63 0.00	27.33 1.57 0.00
EIGHT_POINT___WT_PWR 323820	26.12 -1.32 0.00	24.31 -1.23 0.00	24.12 -1.24 0.00	23.90 -1.15 0.00	24.53 -1.05 0.00	28.03 -0.78 -0.02	38.70 -1.03 -0.15	47.04 -0.55 2.53	40.76 -0.50 0.21	36.28 -0.59 0.02	30.84 -0.31 0.00	29.96 -0.49 0.00	30.98 -0.47 0.00	30.33 -0.37 0.00	30.83 -0.50 0.00	32.44 -0.46 0.21	32.12 -0.57 3.11	28.34 -0.60 14.16	26.55 -0.73 25.00	34.54 -0.71 6.38	18.17 -0.74 20.12	24.31 -0.62 7.83	27.38 -0.62 0.05	24.96 -0.75 0.05
ELBRIDGE_115KV_TB2 80188	26.72 -0.71 0.00	24.85 -0.69 0.00	24.68 -0.68 0.00	24.40 -0.65 0.00	24.94 -0.64 0.00	28.34 -0.58 -0.13	39.76 -0.75 -0.92	49.57 -1.40 -0.85	40.32 -1.12 0.02	36.01 -0.89 0.00	30.34 -0.81 0.00	29.69 -0.76 0.00	30.64 -0.82 0.00	29.93 -0.77 0.00	30.55 -0.78 0.00	32.16 -0.93 0.02	34.45 -1.04 0.32	40.41 -1.25 1.44	48.30 -1.52 2.47	39.79 -1.17 0.68	35.88 -1.09 2.05	31.05 -0.92 0.80	27.26 -0.79 0.01	24.98 -0.77 0.01
ELEC_TRO_TEK 24086	29.56 2.11 -0.02	27.50 1.97 0.00	27.29 1.93 0.00	26.88 1.83 0.00	27.45 1.87 0.00	30.80 2.01 0.00	41.17 1.58 0.00	52.33 2.21 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.24 2.09 0.00	32.64 2.19 0.00	33.37 1.92 0.00	32.76 2.06 0.00	33.34 2.01 0.00	35.07 1.95 0.00	37.95 2.15 0.00	45.69 2.59 0.00	55.58 3.29 0.00	44.30 2.66 0.00	41.37 2.34 0.00	35.13 2.36 0.00	30.47 2.41 0.00	28.06 2.29 -0.02

ELLENBURG_WT_PWR 323604	27.60 0.17 0.00	25.79 0.26 0.00	25.56 0.20 0.00	25.25 0.20 0.00	25.76 0.18 0.00	28.76 -0.03 0.00	39.66 0.08 0.00	49.83 -0.30 0.00	41.00 -0.46 0.00	36.78 -0.11 0.00	31.12 -0.03 0.00	30.54 0.09 0.00	31.49 0.03 0.00	30.76 0.06 0.00	31.33 0.00 0.00	32.95 -0.16 0.00	35.44 -0.36 0.00	42.41 -0.69 0.00	41.25 -1.05 9.99	38.20 -1.00 2.43	38.40 -0.63 0.00	32.12 -0.66 0.00	27.33 -0.73 0.00	24.93 -0.83 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.54 -1.89 0.00	23.75 -1.79 0.00	23.59 -1.78 0.00	23.30 -1.75 0.00	23.89 -1.69 0.00	27.52 -1.27 0.00	37.49 -2.10 0.00	46.59 -2.66 0.88	38.97 -2.40 0.09	35.00 -1.88 0.01	29.59 -1.56 0.00	28.96 -1.49 0.00	29.94 -1.51 0.00	29.44 -1.26 0.00	29.89 -1.44 0.00	31.40 -1.62 0.09	32.60 -1.86 1.34	34.79 -2.28 6.03	37.96 -2.98 11.35	36.87 -2.50 2.27	28.33 -2.11 8.59	27.66 -1.77 3.34	26.54 -1.49 0.02	24.34 -1.39 0.02
EMPIRE_CC_1 323656	28.59 1.15 0.00	26.58 1.05 0.00	26.43 1.06 0.00	26.10 1.05 0.00	26.63 1.05 0.00	29.91 1.12 0.00	41.17 1.59 0.00	52.43 2.31 0.00	43.33 1.87 0.00	38.44 1.55 0.00	32.49 1.34 0.00	31.76 1.31 0.00	32.81 1.35 0.00	31.99 1.29 0.00	32.68 1.35 0.00	34.70 1.59 0.00	37.55 1.75 0.00	45.26 2.15 0.00	54.90 2.61 0.00	43.71 2.08 0.00	40.94 1.91 0.00	34.34 1.57 0.00	29.43 1.37 0.00	27.04 1.29 0.00
EMPIRE_CC_2 323658	28.59 1.15 0.00	26.58 1.05 0.00	26.43 1.06 0.00	26.10 1.05 0.00	26.63 1.05 0.00	29.91 1.12 0.00	41.17 1.59 0.00	52.43 2.31 0.00	43.33 1.87 0.00	38.44 1.55 0.00	32.49 1.34 0.00	31.76 1.31 0.00	32.81 1.35 0.00	31.99 1.29 0.00	32.68 1.35 0.00	34.70 1.59 0.00	37.55 1.75 0.00	45.26 2.15 0.00	54.90 2.61 0.00	43.71 2.08 0.00	40.94 1.91 0.00	34.34 1.57 0.00	29.43 1.37 0.00	27.04 1.29 0.00
ENORWICH_115KV_TB1 80156	28.70 1.26 0.00	26.64 1.10 0.00	26.30 0.94 0.00	26.05 1.00 0.00	26.60 1.02 0.00	30.38 1.55 -0.04	42.27 2.41 -0.27	57.69 4.91 -2.65	45.35 3.69 -0.20	39.57 2.66 -0.02	32.96 1.81 0.00	32.03 1.58 0.00	33.25 1.79 0.00	32.57 1.87 0.00	33.15 1.82 0.00	35.47 2.15 -0.21	41.29 2.47 -3.02	60.34 3.49 -13.74	80.21 4.76 -23.16	51.56 3.41 -6.51	61.32 2.73 -19.56	42.74 2.36 -7.61	29.93 1.82 -0.05	27.25 1.44 -0.05
ERIE_ST_34_KV_TB1-2 80199	25.95 -1.48 0.00	24.13 -1.40 0.00	23.97 -1.39 0.00	23.67 -1.38 0.00	24.30 -1.28 0.00	28.01 -0.78 0.00	38.16 -1.43 0.00	48.79 -0.75 0.59	40.59 -0.83 0.04	35.67 -1.22 0.01	30.21 -0.93 0.00	29.51 -0.94 0.00	30.51 -0.94 0.00	30.03 -0.68 0.00	30.49 -0.85 0.00	32.64 -0.43 0.04	33.91 -0.50 1.38	36.18 -0.65 6.28	39.65 -0.89 11.75	39.41 -0.87 1.35	29.50 -0.62 8.90	28.75 -0.56 3.46	27.39 -0.65 0.02	24.88 -0.85 0.02
ERIE_WT_PWR 323693	25.62 -1.81 0.00	23.98 -1.56 0.00	23.79 -1.57 0.00	23.52 -1.53 0.00	24.12 -1.46 0.00	27.58 -1.21 0.00	37.80 -1.78 0.00	47.21 -2.01 0.91	39.64 -1.74 0.08	35.22 -1.66 0.01	30.15 -1.00 0.00	29.20 -1.25 0.00	30.19 -1.26 0.00	29.66 -1.04 0.00	30.14 -1.19 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.30 -2.30 11.69	37.33 -2.00 2.30	28.50 -1.68 8.85	27.95 -1.38 3.45	26.83 -1.21 0.02	24.52 -1.21 0.02
ESPRGFLD_115KV_TB1 80157	29.16 1.73 0.00	27.15 1.61 0.00	26.96 1.60 0.00	26.65 1.60 0.00	27.22 1.64 0.00	30.83 2.04 0.00	42.59 3.01 0.00	54.80 4.41 -0.27	44.84 3.36 -0.02	39.48 2.58 0.00	33.02 1.87 0.00	32.15 1.71 0.00	33.37 1.92 0.00	32.64 1.93 0.00	33.34 2.01 0.00	35.65 2.52 -0.02	38.76 2.69 -0.27	47.84 3.49 -1.25	58.87 4.44 -2.14	45.65 3.41 -0.60	43.81 3.01 -1.78	36.02 2.56 -0.69	30.11 2.05 0.00	27.56 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.49 0.05 0.00	25.54 0.00 0.00	25.34 -0.03 0.00	25.05 0.00 0.00	25.63 0.05 0.00	29.13 0.29 -0.05	40.48 0.51 -0.38	58.22 2.26 -5.83	43.66 1.74 -0.46	38.19 1.25 -0.04	32.02 0.87 0.00	31.24 0.79 0.00	32.30 0.85 0.00	31.59 0.89 0.00	32.24 0.91 0.00	34.72 1.13 -0.48	43.97 1.25 -6.91	76.42 1.81 -31.51	108.07 2.30 -53.48	58.42 1.92 -14.87	85.42 1.56 -44.83	51.50 1.28 -17.45	29.18 1.01 -0.12	26.67 0.80 -0.12
ETNA____115KV_TB2 80207	27.49 0.05 0.00	25.54 0.00 0.00	25.34 -0.03 0.00	25.05 0.00 0.00	25.63 0.05 0.00	29.13 0.29 -0.05	40.48 0.51 -0.38	58.22 2.26 -5.83	43.66 1.74 -0.46	38.19 1.25 -0.04	32.02 0.87 0.00	31.24 0.79 0.00	32.30 0.85 0.00	31.59 0.89 0.00	32.24 0.91 0.00	34.72 1.13 -0.48	43.97 1.25 -6.91	76.42 1.81 -31.51	108.07 2.30 -53.48	58.42 1.92 -14.87	85.42 1.56 -44.83	51.50 1.28 -17.45	29.18 1.01 -0.12	26.67 0.80 -0.12
EUCLID____115KV_TB2 356179	26.67 -0.77 0.00	24.80 -0.74 0.00	24.62 -0.74 0.00	24.32 -0.73 0.00	24.87 -0.72 0.00	28.18 -0.66 -0.06	39.07 -0.91 -0.39	49.17 -1.45 -0.50	40.30 -1.16 0.00	35.93 -0.96 0.00	30.31 -0.84 0.00	29.63 -0.82 0.00	30.60 -0.85 0.00	29.90 -0.80 0.00	30.52 -0.81 0.00	32.15 -0.96 0.00	34.76 -1.04 0.02	41.83 -1.25 0.58	50.19 -1.52 0.00	40.47 -1.17 0.00	37.90 -1.13 0.00	31.82 -0.95 0.00	27.24 -0.81 0.00	24.98 -0.77 0.00
E_CANADA_CAP_HY 24051	29.76 2.33 0.00	27.76 2.22 0.00	27.54 2.18 0.00	27.23 2.18 0.00	27.81 2.22 0.00	31.38 2.59 0.00	43.58 4.00 0.00	55.49 5.37 0.00	45.40 3.94 0.00	39.81 2.91 0.00	33.24 2.09 0.00	32.37 1.92 0.00	33.62 2.17 0.00	32.91 2.21 0.00	33.65 2.32 0.00	36.23 3.11 0.00	38.99 3.19 0.00	47.28 4.18 0.00	57.52 5.23 0.00	45.80 4.16 0.00	42.78 3.75 0.00	35.95 3.18 0.00	30.66 2.61 0.00	28.08 2.32 0.00
E_CANADA_MHWK_HY 24050	26.50 -0.93 0.00	24.67 -0.87 0.00	24.47 -0.89 0.00	24.20 -0.85 0.00	24.74 -0.84 0.00	27.86 -0.92 0.00	38.32 -1.27 0.00	48.67 -1.46 0.00	40.25 -1.20 0.00	35.82 -1.07 0.00	30.40 -0.75 0.00	29.78 -0.67 0.00	30.86 -0.60 0.00	30.09 -0.61 0.00	30.64 -0.69 0.00	32.42 -0.70 0.00	34.94 -0.86 0.00	42.07 -1.03 0.00	51.67 -1.20 -0.58	40.77 -1.00 -0.14	38.09 -0.94 0.00	32.08 -0.69 0.00	27.49 -0.56 0.00	25.24 -0.51 0.00
E_FISHKILL____LBMP 23776	28.86 1.43 0.00	26.84 1.30 0.00	26.63 1.27 0.00	26.25 1.20 0.00	26.81 1.23 0.00	30.05 1.27 0.00	41.21 1.62 0.00	52.63 2.51 0.00	43.57 2.11 0.00	38.74 1.84 0.00	32.77 1.62 0.00	32.03 1.58 0.00	33.09 1.64 0.00	32.30 1.60 0.00	32.99 1.66 0.00	35.03 1.92 0.00	37.88 2.08 0.00	45.60 2.50 0.00	55.32 3.03 0.00	44.05 2.41 0.00	41.25 2.22 0.00	34.64 1.87 0.00	29.68 1.63 0.00	27.33 1.57 0.00
FALCON____SEABRD_CC1 323796	28.26 0.82 0.00	26.46 0.92 0.00	26.20 0.84 0.00	25.90 0.85 0.00	26.42 0.84 0.00	29.22 0.43 0.00	40.42 0.83 0.00	50.28 0.15 0.00	41.25 -0.21 0.00	37.30 0.41 0.00	31.58 0.44 0.00	30.93 0.49 0.00	31.89 0.44 0.00	31.16 0.46 0.00	31.71 0.38 0.00	33.31 0.20 0.00	35.84 0.04 0.00	42.63 -0.47 0.00	41.55 -0.89 9.85	38.65 -0.58 2.40	39.42 0.39 0.00	32.94 0.16 0.00	27.92 -0.14 0.00	25.50 -0.26 0.00

FALCON___SEABRD_CC2 323797	28.26 0.82 0.00	26.46 0.92 0.00	26.20 0.84 0.00	25.90 0.85 0.00	26.42 0.84 0.00	29.22 0.43 0.00	40.42 0.83 0.00	50.28 0.15 0.00	41.25 -0.21 0.00	37.30 0.41 0.00	31.58 0.44 0.00	30.93 0.49 0.00	31.89 0.44 0.00	31.16 0.46 0.00	31.71 0.38 0.00	33.31 0.20 0.00	35.84 0.04 0.00	42.63 -0.47 0.00	41.55 -0.89 9.85	38.65 -0.58 2.40	39.42 0.39 0.00	32.94 0.16 0.00	27.92 -0.14 0.00	25.50 -0.26 0.00
FAR ROCKAWAY___4 23548	29.86 2.41 -0.01	27.76 2.22 0.00	27.52 2.16 0.00	27.13 2.08 0.00	27.68 2.10 0.00	31.09 2.30 0.00	41.52 1.94 0.00	52.78 2.66 0.00	43.86 2.40 0.00	39.11 2.21 0.00	33.61 2.46 0.00	33.04 2.59 0.00	33.78 2.33 0.00	33.16 2.46 0.00	33.71 2.38 0.00	35.46 2.35 0.00	38.38 2.58 0.00	46.20 3.10 0.00	56.26 3.97 0.00	44.80 3.16 0.00	41.80 2.77 0.00	35.56 2.79 0.00	30.78 2.72 0.00	28.35 2.58 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	43.99 2.53 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.38 2.58 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.46 2.83 0.00	41.68 2.65 0.00	35.00 2.23 0.00	30.05 1.99 0.00	27.69 1.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	43.99 2.53 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.46 2.13 0.00	35.50 2.38 0.00	38.38 2.58 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.46 2.83 0.00	41.72 2.69 0.00	35.00 2.23 0.00	30.05 1.99 0.00	27.69 1.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.14 1.70 0.00	27.09 1.56 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.01 1.43 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	43.99 2.53 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.50 2.04 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.68 2.65 0.00	34.97 2.20 0.00	30.02 1.96 0.00	27.69 1.93 0.00
FARRAGUT___LBMP 323566	29.14 1.70 0.00	27.09 1.56 0.00	26.86 1.50 0.00	26.45 1.40 0.00	27.01 1.43 0.00	30.25 1.47 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.02 1.96 0.00	27.66 1.91 0.00
FENNER___WINDPWR 24204	27.71 0.27 0.00	25.79 0.26 0.00	25.56 0.20 0.00	25.27 0.22 0.00	25.84 0.26 0.00	29.29 0.46 -0.05	40.69 0.75 -0.35	53.20 1.65 -1.43	42.84 1.29 -0.09	37.82 0.92 -0.01	31.80 0.66 0.00	31.00 0.55 0.00	32.08 0.63 0.00	31.35 0.65 0.00	31.96 0.63 0.00	33.91 0.70 -0.10	37.97 0.79 -1.38	50.49 1.12 -6.27	64.30 1.57 -10.45	45.77 1.16 -2.97	48.86 0.90 -8.93	37.03 0.79 -3.48	28.67 0.59 -0.02	26.24 0.46 -0.02
FIBERTEK___ENERGY 23856	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.50 -0.40 -0.12	39.93 -0.51 -0.86	50.16 -1.00 -1.04	40.67 -0.79 0.00	36.30 -0.59 0.00	30.56 -0.59 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.45 -0.66 0.00	35.05 -0.75 0.00	42.20 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.21 -0.82 0.00	32.08 -0.69 0.00	27.47 -0.59 0.00	25.16 -0.59 0.00
FITZPATRICK____ 23598	26.42 -1.01 0.00	24.62 -0.92 0.00	24.42 -0.94 0.00	24.15 -0.90 0.00	24.66 -0.92 0.00	27.19 -0.95 0.64	33.63 -1.42 4.53	43.00 -2.10 5.02	39.80 -1.66 0.00	35.45 -1.44 0.00	29.93 -1.22 0.00	29.26 -1.19 0.00	30.23 -1.23 0.00	29.50 -1.20 0.00	30.11 -1.22 0.00	31.72 -1.39 0.00	34.33 -1.47 0.00	41.33 -1.77 0.00	50.14 -2.15 0.00	39.92 -1.71 0.00	37.39 -1.64 0.00	31.43 -1.35 0.00	26.90 -1.15 0.00	24.70 -1.06 0.00
FLOWRFLD_69_KV_BK1 356044	30.27 2.83 -0.01	28.09 2.55 0.00	27.79 2.43 0.00	27.43 2.38 0.00	27.99 2.40 0.00	31.46 2.68 0.00	41.52 1.94 0.00	52.58 2.46 0.00	43.74 2.28 0.00	38.85 1.96 0.00	33.52 2.37 0.00	32.95 2.50 0.00	33.47 2.01 0.00	32.94 2.24 0.00	33.46 2.13 0.00	35.20 2.09 0.00	38.16 2.36 0.00	45.95 2.84 0.00	56.05 3.76 0.00	44.80 3.16 0.00	41.68 2.65 0.00	35.56 2.79 0.00	31.08 3.03 0.00	28.62 2.86 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.08 1.65 0.00	27.04 1.51 0.00	26.86 1.50 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.34 1.55 0.00	41.64 2.06 0.00	53.23 3.11 0.00	44.07 2.61 0.00	39.11 2.21 0.00	32.96 1.81 0.00	32.12 1.67 0.00	33.25 1.79 0.00	32.39 1.69 0.00	33.18 1.85 0.00	35.20 2.09 0.00	38.16 2.36 0.00	46.03 2.93 0.00	55.90 3.61 0.00	44.38 2.75 0.00	41.57 2.54 0.00	34.87 2.10 0.00	29.82 1.77 0.00	27.48 1.73 0.00
FORT ORANGE____ 23900	28.34 0.90 0.00	26.35 0.82 0.00	26.20 0.84 0.00	25.87 0.83 0.00	26.40 0.82 0.00	29.68 0.89 0.00	40.89 1.30 0.00	51.98 1.86 0.00	42.95 1.49 0.00	38.04 1.14 0.00	32.08 0.93 0.00	31.36 0.91 0.00	32.37 0.91 0.00	31.56 0.86 0.00	32.27 0.94 0.00	34.27 1.16 0.00	37.13 1.33 0.00	44.78 1.68 0.00	54.38 2.09 0.00	43.30 1.67 0.00	40.55 1.52 0.00	33.98 1.21 0.00	29.09 1.04 0.00	26.73 0.98 0.00
FORT_DRUM_COGEN 23780	27.82 0.38 0.00	25.87 0.33 0.00	25.59 0.23 0.00	25.38 0.33 0.00	25.89 0.31 0.00	29.52 0.63 -0.10	41.68 1.39 -0.71	53.33 2.36 -0.85	43.07 1.62 0.00	37.82 0.92 0.00	31.46 0.31 0.00	30.60 0.15 0.00	31.80 0.35 0.00	31.04 0.34 0.00	31.58 0.25 0.00	33.35 0.23 0.00	36.23 0.43 0.00	44.14 1.03 -0.01	53.54 1.99 0.73	42.69 1.29 0.24	39.85 0.82 0.00	33.46 0.69 0.00	28.39 0.34 0.00	25.91 0.15 0.00
FOX_HILLS___ESR 323835	29.53 2.09 -0.01	27.43 1.89 -0.01	27.19 1.83 -0.01	26.76 1.70 -0.01	27.33 1.74 -0.01	30.60 1.81 0.00	41.49 1.90 0.00	52.63 2.51 0.00	43.65 2.20 0.00	39.33 2.43 0.00	33.17 2.02 0.00	32.52 2.07 0.00	33.66 2.20 0.00	32.85 2.15 0.00	33.59 2.26 0.00	35.73 2.62 0.00	38.63 2.83 0.00	45.72 2.67 0.05	55.43 3.14 0.00	44.13 2.50 0.00	41.64 2.62 0.00	35.26 2.49 0.00	30.41 2.36 0.00	28.01 2.24 -0.01
FPL FAR_ROCK_GT1 24212	29.72 2.28 -0.01	27.56 2.02 -0.01	27.41 2.05 0.00	27.04 1.98 -0.01	27.58 2.00 0.00	30.95 2.16 -0.01	41.41 1.82 0.00	52.78 2.65 0.00	43.69 2.24 0.00	38.99 2.10 0.00	33.33 2.18 0.00	33.01 2.56 0.00	33.78 2.33 0.00	33.16 2.46 0.00	33.71 2.38 0.00	35.53 2.42 0.00	38.38 2.58 0.00	46.29 3.19 0.00	56.26 3.97 0.00	44.80 3.16 0.00	41.84 2.81 0.00	35.49 2.72 0.00	30.81 2.75 -0.01	28.35 2.58 -0.01

FPL FAR_ROCK_GT2 23815	29.72 2.28 -0.01	27.56 2.02 -0.01	27.41 2.05 0.00	27.04 1.98 -0.01	27.58 2.00 0.00	30.95 2.16 -0.01	41.41 1.82 0.00	52.78 2.65 0.00	43.69 2.24 0.00	38.99 2.10 0.00	33.33 2.18 0.00	33.01 2.56 0.00	33.78 2.33 0.00	33.16 2.46 0.00	33.71 2.38 0.00	35.53 2.42 0.00	38.38 2.58 0.00	46.29 3.19 0.00	56.26 3.97 0.00	44.80 3.16 0.00	41.84 2.81 0.00	35.49 2.72 0.00	30.81 2.75 -0.01	28.35 2.58 -0.01
FRANKLIN_FALL_HYD 24054	28.18 0.74 0.00	26.33 0.79 0.00	26.05 0.68 0.00	25.78 0.73 0.00	26.30 0.72 0.00	29.55 0.75 -0.02	41.11 1.39 -0.14	51.90 1.60 -0.17	42.62 1.16 0.00	37.74 0.85 0.00	31.83 0.69 0.00	31.09 0.64 0.00	32.08 0.63 0.00	31.38 0.68 0.00	31.93 0.60 0.00	33.54 0.43 0.00	36.19 0.39 0.00	43.53 0.43 0.00	44.88 0.73 8.14	39.94 0.29 1.98	39.50 0.47 0.00	33.00 0.23 0.00	27.97 -0.08 0.00	25.52 -0.23 0.00
FREEPORT_EQUS_GT1 23764	29.64 2.20 -0.01	27.46 1.92 -0.01	27.31 1.95 0.00	26.94 1.88 -0.01	27.50 1.92 0.00	30.84 2.04 -0.01	41.13 1.54 0.00	52.38 2.26 0.00	43.36 1.91 0.00	38.70 1.81 0.00	33.05 1.90 0.00	32.73 2.28 0.00	33.47 2.01 0.00	32.88 2.18 0.00	33.43 2.10 0.00	35.26 2.15 0.00	38.09 2.29 0.00	45.94 2.84 0.00	55.84 3.56 0.00	44.46 2.83 0.00	41.53 2.50 0.00	35.26 2.49 0.00	30.73 2.67 -0.01	28.24 2.47 -0.01
FREEPORT___CT2 23818	29.64 2.20 -0.01	27.46 1.92 -0.01	27.31 1.95 0.00	26.94 1.88 -0.01	27.50 1.92 0.00	30.84 2.04 -0.01	41.13 1.54 0.00	52.38 2.26 0.00	43.36 1.91 0.00	38.70 1.81 0.00	33.05 1.90 0.00	32.73 2.28 0.00	33.47 2.01 0.00	32.88 2.18 0.00	33.43 2.10 0.00	35.26 2.15 0.00	38.09 2.29 0.00	45.94 2.84 0.00	55.84 3.56 0.00	44.46 2.83 0.00	41.53 2.50 0.00	35.26 2.49 0.00	30.73 2.67 -0.01	28.24 2.47 -0.01
FRESHKLS_33_KV_LOAD 356253	29.61 2.17 -0.01	27.49 1.94 -0.01	27.27 1.90 -0.01	26.84 1.78 -0.01	27.41 1.82 -0.01	30.68 1.90 0.00	41.52 1.94 0.00	52.53 2.41 0.00	43.57 2.11 0.00	39.36 2.47 0.00	33.20 2.06 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.80 2.68 0.00	38.66 2.86 0.00	45.68 2.63 0.05	55.37 3.08 0.00	44.09 2.46 0.00	41.64 2.62 0.00	35.33 2.56 0.00	30.50 2.44 0.00	28.08 2.32 -0.01
FULTON COGEN____ 23766	26.64 -0.80 0.00	24.75 -0.79 0.00	24.57 -0.79 0.00	24.30 -0.75 0.00	24.84 -0.74 0.00	28.28 -0.72 -0.21	40.13 -0.95 -1.50	50.45 -1.45 -1.78	40.26 -1.20 0.00	35.93 -0.96 0.00	30.28 -0.87 0.00	29.60 -0.85 0.00	30.57 -0.88 0.00	29.84 -0.86 0.00	30.45 -0.88 0.00	32.12 -0.99 0.00	34.73 -1.07 0.00	41.84 -1.29 -0.03	51.61 -1.57 -0.89	40.47 -1.17 0.00	37.90 -1.13 0.00	31.82 -0.95 0.00	27.24 -0.81 0.00	24.96 -0.80 0.00
FULTON___LFGE 323630	29.60 2.17 0.00	27.60 2.07 0.00	27.41 2.05 0.00	27.08 2.03 0.00	27.65 2.07 0.00	31.15 2.36 0.00	43.27 3.68 0.00	54.99 4.86 0.00	45.06 3.61 0.00	39.58 2.69 0.00	33.11 1.96 0.00	32.28 1.83 0.00	33.50 2.04 0.00	32.73 2.03 0.00	33.49 2.16 0.00	35.99 2.88 0.00	38.81 3.01 0.00	47.02 3.92 0.00	57.20 4.91 0.00	45.55 3.91 0.00	42.54 3.51 0.00	35.69 2.92 0.00	30.44 2.38 0.00	27.89 2.14 0.00
G.F.CEMENT___DRP 24184	29.44 2.00 0.00	27.48 1.94 0.00	27.26 1.90 0.00	26.90 1.85 0.00	27.45 1.87 0.00	30.34 1.55 0.00	41.88 2.30 0.00	53.18 3.06 0.00	43.90 2.45 0.00	38.81 1.92 0.00	32.80 1.65 0.00	32.03 1.58 0.00	33.12 1.67 0.00	32.18 1.47 0.00	32.84 1.50 0.00	34.90 1.79 0.00	37.70 1.90 0.00	45.47 2.37 0.00	55.16 2.88 0.00	43.96 2.33 0.00	40.98 1.95 0.00	34.31 1.54 0.00	30.07 2.02 0.00	27.56 1.80 0.00
GARDENVILLE___LBMP 24039	25.62 -1.81 0.00	23.83 -1.71 0.00	23.66 -1.70 0.00	23.37 -1.68 0.00	23.97 -1.61 0.00	27.63 -1.15 0.00	37.61 -1.98 0.00	46.88 -2.31 0.94	39.26 -2.11 0.09	35.11 -1.77 0.01	29.72 -1.43 0.00	29.08 -1.37 0.00	30.07 -1.38 0.00	29.54 -1.17 0.00	29.98 -1.35 0.00	31.60 -1.42 0.09	32.80 -1.61 1.39	34.82 -2.03 6.26	38.00 -2.56 11.72	37.04 -2.21 2.38	28.30 -1.83 8.90	27.76 -1.54 3.47	26.68 -1.35 0.02	24.42 -1.31 0.02
GARDNVLA_35_KV_LD 355827	25.73 -1.70 0.00	23.93 -1.61 0.00	23.76 -1.60 0.00	23.50 -1.55 0.00	24.07 -1.51 0.00	27.75 -1.04 0.00	37.80 -1.78 0.00	47.22 -2.01 0.90	39.51 -1.87 0.08	35.30 -1.59 0.01	29.87 -1.28 0.00	29.23 -1.22 0.00	30.23 -1.23 0.00	29.72 -0.98 0.00	30.17 -1.16 0.00	31.81 -1.23 0.08	32.99 -1.43 1.38	35.11 -1.77 6.23	38.37 -2.25 11.67	37.40 -1.96 2.27	28.55 -1.64 8.84	27.96 -1.38 3.44	26.85 -1.18 0.02	24.55 -1.18 0.02
GELCKHM___115KV_LOAD 80723	26.75 -0.69 0.00	24.85 -0.69 0.00	24.68 -0.68 0.00	24.40 -0.65 0.00	24.94 -0.64 0.00	28.29 -0.58 -0.08	39.39 -0.75 -0.56	49.57 -1.25 -0.69	40.42 -1.04 0.00	36.08 -0.81 0.00	30.40 -0.75 0.00	29.75 -0.70 0.00	30.73 -0.72 0.00	30.00 -0.71 0.00	30.61 -0.72 0.00	32.25 -0.86 0.00	34.87 -0.93 0.00	41.97 -1.12 0.01	50.57 -1.36 0.36	40.59 -1.04 0.00	38.02 -1.01 0.00	31.92 -0.85 0.00	27.33 -0.73 0.00	25.06 -0.70 0.00
GENERAL___MILLS 23808	25.71 -1.73 0.00	23.90 -1.63 0.00	23.74 -1.62 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.16 -2.06 0.91	39.47 -1.91 0.08	35.26 -1.62 0.01	29.81 -1.34 0.00	29.17 -1.28 0.00	30.16 -1.29 0.00	29.66 -1.04 0.00	30.11 -1.22 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.25 -2.35 11.69	37.29 -2.04 2.30	28.50 -1.68 8.85	27.92 -1.41 3.45	26.80 -1.23 0.02	24.52 -1.21 0.02
GE_PLASTICS___DRP 24183	28.31 0.88 0.00	26.35 0.82 0.00	26.20 0.84 0.00	25.85 0.80 0.00	26.40 0.82 0.00	29.62 0.83 0.00	40.73 1.15 0.00	51.78 1.65 0.00	42.83 1.37 0.00	37.93 1.03 0.00	32.05 0.90 0.00	31.30 0.85 0.00	32.30 0.85 0.00	31.50 0.80 0.00	32.18 0.85 0.00	34.14 1.03 0.00	36.95 1.15 0.00	44.52 1.42 0.00	54.01 1.73 0.00	43.01 1.37 0.00	40.32 1.29 0.00	33.82 1.05 0.00	28.95 0.90 0.00	26.61 0.85 0.00
GILBOA___1 23756	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.63 0.58 0.00	26.17 0.59 0.00	29.39 0.61 0.00	40.45 0.87 0.00	51.53 1.40 0.00	42.62 1.16 0.00	37.89 1.00 0.00	31.99 0.84 0.00	31.27 0.82 0.00	32.33 0.88 0.00	31.56 0.86 0.00	32.21 0.88 0.00	34.17 1.06 0.00	36.98 1.18 0.00	44.48 1.38 0.00	53.86 1.57 0.00	42.96 1.33 0.00	40.32 1.29 0.00	33.82 1.05 0.00	28.98 0.92 0.00	26.61 0.85 0.00
GILBOA___2 23757	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.63 0.58 0.00	26.17 0.59 0.00	29.39 0.61 0.00	40.45 0.87 0.00	51.53 1.40 0.00	42.62 1.16 0.00	37.89 1.00 0.00	31.99 0.84 0.00	31.27 0.82 0.00	32.33 0.88 0.00	31.56 0.86 0.00	32.21 0.88 0.00	34.17 1.06 0.00	36.98 1.18 0.00	44.48 1.38 0.00	53.86 1.57 0.00	42.96 1.33 0.00	40.32 1.29 0.00	33.82 1.05 0.00	28.98 0.92 0.00	26.61 0.85 0.00

GILBOA___3 23758	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.63 0.58 0.00	26.17 0.59 0.00	29.39 0.61 0.00	40.45 0.87 0.00	51.53 1.40 0.00	42.62 1.16 0.00	37.89 1.00 0.00	31.99 0.84 0.00	31.27 0.82 0.00	32.33 0.88 0.00	31.56 0.86 0.00	32.21 0.88 0.00	34.17 1.06 0.00	36.98 1.18 0.00	44.48 1.38 0.00	53.86 1.57 0.00	42.96 1.33 0.00	40.32 1.29 0.00	33.82 1.05 0.00	28.98 0.92 0.00	26.61 0.85 0.00
GILBOA___4 23759	28.09 0.66 0.00	26.12 0.59 0.00	25.97 0.61 0.00	25.63 0.58 0.00	26.17 0.59 0.00	29.39 0.61 0.00	40.45 0.87 0.00	51.53 1.40 0.00	42.62 1.16 0.00	37.89 1.00 0.00	31.99 0.84 0.00	31.27 0.82 0.00	32.33 0.88 0.00	31.56 0.86 0.00	32.21 0.88 0.00	34.17 1.06 0.00	36.98 1.18 0.00	44.48 1.38 0.00	53.86 1.57 0.00	42.96 1.33 0.00	40.32 1.29 0.00	33.82 1.05 0.00	28.98 0.92 0.00	26.61 0.85 0.00
GILBOA___ 23599	28.15 0.71 0.00	26.20 0.66 0.00	26.12 0.76 0.00	25.78 0.73 0.00	26.32 0.74 0.00	29.48 0.69 0.00	40.50 0.91 0.00	51.53 1.40 0.00	42.62 1.16 0.00	37.89 1.00 0.00	32.02 0.87 0.00	31.27 0.82 0.00	32.33 0.88 0.00	31.56 0.86 0.00	32.21 0.88 0.00	34.17 1.06 0.00	36.98 1.18 0.00	44.48 1.38 0.00	53.86 1.57 0.00	42.97 1.33 0.00	40.28 1.25 0.00	33.82 1.05 0.00	28.98 0.93 0.00	26.61 0.85 0.00
GINNA___ 23603	24.99 -2.44 0.00	23.32 -2.22 0.00	23.10 -2.26 0.00	22.84 -2.20 0.00	23.41 -2.17 0.00	26.60 -2.19 0.00	36.50 -3.09 0.00	45.04 -4.31 0.78	38.08 -3.32 0.06	34.16 -2.73 0.01	28.88 -2.27 0.00	28.20 -2.25 0.00	29.09 -2.36 0.00	28.43 -2.27 0.00	29.01 -2.32 0.00	30.20 -2.85 0.06	31.81 -3.11 0.88	35.26 -3.79 4.05	39.70 -4.55 8.04	35.98 -3.75 1.91	29.78 -3.55 5.70	27.64 -2.92 2.22	25.60 -2.44 0.01	23.50 -2.24 0.01
GLEN PARK___ 23778	27.95 0.52 0.00	26.05 0.51 0.00	25.74 0.38 0.00	25.52 0.47 0.00	26.04 0.46 0.00	29.73 0.84 -0.11	41.91 1.59 -0.74	53.67 2.65 -0.88	43.28 1.82 0.00	37.96 1.07 0.00	31.58 0.44 0.00	30.69 0.24 0.00	31.89 0.44 0.00	31.16 0.46 0.00	31.68 0.35 0.00	33.48 0.36 0.00	36.41 0.61 0.00	44.40 1.29 -0.01	54.03 2.41 0.66	42.95 1.54 0.22	40.04 1.01 0.00	33.66 0.89 0.00	28.53 0.48 0.00	26.04 0.28 0.00
GLENDALE_27_KV_LOAD 356172	29.39 1.95 -0.01	27.33 1.79 -0.01	27.09 1.72 -0.01	26.69 1.63 -0.01	27.23 1.64 -0.01	30.48 1.70 0.00	41.64 2.06 0.00	53.08 2.96 0.00	44.07 2.61 0.00	39.40 2.51 0.00	33.27 2.12 0.00	32.58 2.13 0.00	33.69 2.23 0.00	32.91 2.21 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.20 3.10 0.00	55.95 3.66 0.00	44.51 2.87 0.00	41.80 2.77 0.00	35.16 2.39 0.00	30.27 2.22 0.00	27.90 2.14 -0.01
GLENWOOD_IC_1_G1 23712	29.48 2.03 -0.02	27.40 1.86 0.00	27.19 1.83 0.00	26.78 1.73 0.00	27.35 1.77 0.00	30.68 1.90 0.00	41.45 1.86 0.00	52.78 2.66 0.00	43.86 2.40 0.00	39.03 2.14 0.00	33.30 2.15 0.00	32.67 2.22 0.00	33.53 2.08 0.00	32.85 2.15 0.00	33.46 2.13 0.00	35.33 2.22 0.00	38.24 2.43 0.00	46.03 2.93 0.00	55.95 3.66 0.00	44.51 2.87 0.00	41.61 2.58 0.00	35.20 2.43 0.00	30.36 2.30 0.00	27.96 2.19 -0.02
GLENWOOD_IC_2_G1 23688	29.16 1.73 0.00	27.03 1.48 -0.01	26.91 1.55 0.00	26.54 1.48 -0.01	27.06 1.48 0.00	30.32 1.52 -0.01	41.32 1.74 0.00	52.73 2.60 0.00	43.65 2.20 0.00	38.92 2.03 0.00	32.99 1.84 0.00	32.46 2.01 0.00	33.40 1.95 0.00	32.70 1.99 0.00	33.34 2.01 0.00	35.30 2.18 0.00	38.16 2.36 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.38 2.75 0.00	41.57 2.54 0.00	35.00 2.23 0.00	30.22 2.16 -0.01	27.77 2.01 0.00
GLENWOOD_IC_3_G1 23689	29.16 1.73 0.00	27.03 1.48 -0.01	26.91 1.55 0.00	26.54 1.48 -0.01	27.06 1.48 0.00	30.32 1.52 -0.01	41.32 1.74 0.00	52.73 2.60 0.00	43.65 2.20 0.00	38.92 2.03 0.00	32.99 1.84 0.00	32.46 2.01 0.00	33.40 1.95 0.00	32.70 1.99 0.00	33.34 2.01 0.00	35.30 2.18 0.00	38.16 2.36 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.38 2.75 0.00	41.57 2.54 0.00	35.00 2.23 0.00	30.22 2.16 -0.01	27.77 2.01 0.00
GLENWOOD___4 23550	29.48 2.03 -0.02	27.40 1.86 0.00	27.19 1.83 0.00	26.78 1.73 0.00	27.35 1.77 0.00	30.68 1.90 0.00	41.45 1.86 0.00	52.78 2.66 0.00	43.86 2.40 0.00	39.03 2.14 0.00	33.30 2.15 0.00	32.67 2.22 0.00	33.53 2.08 0.00	32.85 2.15 0.00	33.46 2.13 0.00	35.33 2.22 0.00	38.24 2.43 0.00	46.03 2.93 0.00	55.95 3.66 0.00	44.51 2.87 0.00	41.61 2.58 0.00	35.20 2.43 0.00	30.36 2.30 0.00	27.96 2.19 -0.02
GLENWOOD___5 23614	29.48 2.03 -0.02	27.40 1.86 0.00	27.19 1.83 0.00	26.78 1.73 0.00	27.35 1.77 0.00	30.68 1.90 0.00	41.45 1.86 0.00	52.78 2.66 0.00	43.86 2.40 0.00	39.03 2.14 0.00	33.30 2.15 0.00	32.67 2.22 0.00	33.53 2.08 0.00	32.85 2.15 0.00	33.46 2.13 0.00	35.33 2.22 0.00	38.24 2.43 0.00	46.03 2.93 0.00	55.95 3.66 0.00	44.51 2.87 0.00	41.61 2.58 0.00	35.20 2.43 0.00	30.36 2.30 0.00	27.96 2.19 -0.02
GLOBAL GREEN_PORT_GT1 23814	30.79 3.35 -0.01	28.43 2.88 -0.01	28.23 2.86 0.00	27.84 2.78 -0.01	28.40 2.81 0.00	31.93 3.14 -0.01	42.28 2.69 0.00	53.63 3.51 0.00	44.28 2.82 0.00	39.36 2.47 0.00	33.67 2.52 0.00	33.34 2.89 0.00	33.81 2.36 0.00	33.28 2.58 0.00	33.74 2.41 0.00	35.73 2.62 0.00	38.63 2.83 0.00	46.72 3.62 0.00	56.47 4.18 0.00	44.92 3.29 0.00	41.76 2.73 0.00	35.49 2.72 0.00	30.98 2.92 -0.01	28.47 2.70 -0.01
GLOBE___DSASP 323697	24.86 -2.58 0.00	23.14 -2.40 0.00	22.95 -2.41 0.00	22.69 -2.35 0.00	23.25 -2.33 0.00	26.80 -1.99 0.00	36.42 -3.17 0.00	44.36 -4.81 0.96	37.31 -4.06 0.08	33.90 -2.99 0.01	28.66 -2.49 0.00	28.10 -2.34 0.00	29.06 -2.39 0.00	28.52 -2.18 0.00	28.98 -2.35 0.00	30.18 -2.85 0.08	31.43 -3.15 1.22	33.42 -4.09 5.58	36.54 -5.12 10.63	34.86 -4.25 2.53	27.65 -3.47 7.91	26.89 -2.82 3.06	25.65 -2.38 0.02	23.65 -2.09 0.02
GOETHSLN___LBMP 323567	28.97 1.54 0.00	26.94 1.40 0.00	26.70 1.34 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.08 1.30 0.00	41.25 1.66 0.00	52.73 2.61 0.00	43.70 2.24 0.00	38.96 2.07 0.00	32.92 1.78 0.00	32.25 1.80 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.30 2.19 0.00	38.13 2.33 0.00	45.73 2.67 0.04	55.48 3.19 0.00	44.17 2.54 0.00	41.45 2.42 0.00	34.77 2.00 0.00	29.85 1.80 0.00	27.51 1.75 0.00
GOLAH___69_KV_TB 1_2 80279	26.04 -1.40 0.00	24.21 -1.33 0.00	24.02 -1.34 0.00	23.75 -1.30 0.00	24.35 -1.23 0.00	27.89 -0.89 0.00	38.08 -1.50 0.00	46.85 -2.46 0.82	39.32 -2.07 0.06	35.63 -1.25 0.01	30.00 -1.15 0.00	29.41 -1.04 0.00	30.32 -1.13 0.00	29.66 -1.04 0.00	30.24 -1.10 0.00	31.49 -1.56 0.06	33.15 -1.72 0.93	36.69 -2.11 4.30	41.21 -2.56 8.52	37.46 -2.16 2.00	31.06 -1.91 6.06	28.87 -1.54 2.36	26.78 -1.26 0.02	24.63 -1.11 0.02

GOODYEAR_LAKE_HYD 323669	28.50 1.07 0.00	26.51 0.97 0.00	26.32 0.96 0.00	26.00 0.95 0.00	26.58 1.00 0.00	30.02 1.24 0.00	41.41 1.82 0.00	53.60 3.06 -0.42	43.89 2.40 -0.03	38.81 1.92 0.00	32.55 1.40 0.00	31.76 1.31 0.00	32.90 1.45 0.00	32.18 1.47 0.00	32.80 1.47 0.00	34.90 1.76 -0.03	38.12 1.90 -0.42	47.53 2.50 -1.93	58.51 3.14 -3.08	44.94 2.37 -0.93	43.84 2.07 -2.74	35.58 1.74 -1.07	29.46 1.40 -0.01	27.00 1.24 -0.01
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.49 0.05 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.66 0.08 0.00	29.23 0.40 -0.04	40.30 0.44 -0.28	51.46 1.85 0.52	42.81 1.41 0.06	37.85 0.96 0.01	31.90 0.75 0.00	31.12 0.67 0.00	32.18 0.72 0.00	31.47 0.77 0.00	32.12 0.78 0.00	33.68 0.56 0.00	36.45 0.64 0.00	44.06 0.95 -0.01	53.08 1.20 0.41	42.71 1.00 -0.08	39.87 0.82 -0.02	33.46 0.69 -0.01	28.56 0.50 0.00	26.14 0.39 0.00
GOUDEY___7 23579	27.49 0.05 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.66 0.08 0.00	29.23 0.40 -0.04	40.30 0.44 -0.28	51.46 1.85 0.52	42.81 1.41 0.06	37.85 0.96 0.01	31.90 0.75 0.00	31.12 0.67 0.00	32.18 0.72 0.00	31.47 0.77 0.00	32.12 0.78 0.00	33.68 0.56 0.00	36.45 0.64 0.00	44.06 0.95 -0.01	53.08 1.20 0.41	42.71 1.00 -0.08	39.87 0.82 -0.02	33.46 0.69 -0.01	28.56 0.50 0.00	26.14 0.39 0.00
GOUDEY___8 23580	27.49 0.05 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.66 0.08 0.00	29.23 0.40 -0.04	40.30 0.44 -0.28	51.46 1.85 0.52	42.81 1.41 0.06	37.85 0.96 0.01	31.90 0.75 0.00	31.12 0.67 0.00	32.18 0.72 0.00	31.47 0.77 0.00	32.12 0.78 0.00	33.68 0.56 0.00	36.45 0.64 0.00	44.06 0.95 -0.01	53.08 1.20 0.41	42.71 1.00 -0.08	39.87 0.82 -0.02	33.46 0.69 -0.01	28.56 0.50 0.00	26.14 0.39 0.00
GOWANUS_GT1_1 24077	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_2 24078	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_3 24079	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_4 24080	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_5 24084	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_6 24111	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_7 24112	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT1_8 24113	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT2_1 24114	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT2_2 24115	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT2_3 24116	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01

GOWANUS_GT2_4 24117	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT2_5 24118	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT2_6 24119	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT2_7 24120	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT2_8 24121	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_1 24122	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_2 24123	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_3 24124	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_4 24125	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_5 24126	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_6 24127	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_7 24128	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT3_8 24129	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
GOWANUS_GT4_1 24130	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT4_2 24131	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01

GOWANUS_GT4_3 24132	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT4_4 24133	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT4_5 24134	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT4_6 24135	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT4_7 24136	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GOWANUS_GT4_8 24137	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GREENBSH_115KV_TB3 55895	28.28 0.85 0.00	26.35 0.82 0.00	26.17 0.81 0.00	25.83 0.78 0.00	26.35 0.77 0.00	29.59 0.81 0.00	40.69 1.11 0.00	51.73 1.60 0.00	42.78 1.33 0.00	37.93 1.03 0.00	32.08 0.93 0.00	31.33 0.88 0.00	32.37 0.91 0.00	31.56 0.86 0.00	32.24 0.91 0.00	34.21 1.09 0.00	37.02 1.22 0.00	44.61 1.51 0.00	54.12 1.83 0.00	43.09 1.46 0.00	40.36 1.33 0.00	33.85 1.08 0.00	28.98 0.93 0.00	26.63 0.88 0.00
GREENDGE_115KV_TB5 80291	26.72 -0.71 0.00	24.80 -0.74 0.00	24.62 -0.74 0.00	24.35 -0.70 0.00	24.97 -0.61 0.00	28.56 -0.26 -0.03	39.47 -0.36 -0.25	46.69 -0.25 3.18	41.20 0.00 0.26	36.80 -0.07 0.02	30.93 -0.22 0.00	30.24 -0.21 0.00	31.23 -0.22 0.00	30.55 -0.15 0.00	31.14 -0.19 0.00	32.62 -0.23 0.26	31.77 -0.25 3.78	25.77 -0.09 17.24	22.07 -0.05 30.16	33.60 0.00 8.04	14.37 -0.16 24.50	23.07 -0.16 9.54	27.77 -0.22 0.06	25.36 -0.33 0.06
GREENIDGE___3 23582	26.72 -0.71 0.00	24.80 -0.74 0.00	24.62 -0.74 0.00	24.35 -0.70 0.00	24.97 -0.61 0.00	28.56 -0.26 -0.03	39.47 -0.36 -0.25	46.69 -0.25 3.18	41.20 0.00 0.26	36.80 -0.07 0.02	30.93 -0.22 0.00	30.24 -0.21 0.00	31.23 -0.22 0.00	30.55 -0.15 0.00	31.14 -0.19 0.00	32.62 -0.23 0.26	31.77 -0.25 3.78	25.77 -0.09 17.24	22.07 -0.05 30.16	33.60 0.00 8.04	14.37 -0.16 24.50	23.07 -0.16 9.54	27.77 -0.22 0.06	25.36 -0.33 0.06
GREENIDGE___4 23583	26.69 -0.74 0.00	24.87 -0.66 0.00	24.65 -0.71 0.00	24.40 -0.65 0.00	25.02 -0.56 0.00	28.50 -0.32 -0.03	39.47 -0.36 -0.25	46.70 -0.25 3.18	41.29 0.08 0.26	36.76 -0.11 0.02	31.06 -0.09 0.00	30.24 -0.21 0.00	31.24 -0.22 0.00	30.55 -0.15 0.00	31.14 -0.19 0.00	32.62 -0.23 0.26	31.77 -0.25 3.78	25.77 -0.09 17.24	22.07 -0.05 30.16	33.60 0.00 8.04	14.37 -0.16 24.50	23.07 -0.16 9.54	27.80 -0.20 0.06	25.36 -0.34 0.06
GREENLWN_69_KV_BK 3 55738	29.75 2.30 -0.01	27.63 2.09 0.00	27.39 2.03 0.00	27.00 1.95 0.00	27.55 1.97 0.00	30.94 2.16 0.00	40.81 1.23 0.00	51.78 1.65 0.00	43.07 1.62 0.00	38.44 1.55 0.00	33.08 1.93 0.00	32.55 2.10 0.00	33.09 1.64 0.00	32.57 1.87 0.00	33.06 1.72 0.00	34.67 1.56 0.00	37.59 1.79 0.00	45.26 2.16 0.00	55.16 2.88 0.00	43.92 2.29 0.00	41.02 1.99 0.00	34.90 2.13 0.00	30.61 2.55 0.00	28.21 2.45 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01
GRISSOM___SOLAR 323813	29.46 2.03 0.00	27.48 1.94 0.00	27.26 1.90 0.00	26.95 1.90 0.00	27.50 1.92 0.00	30.97 2.19 0.00	42.95 3.36 0.00	54.59 4.46 0.00	44.81 3.36 0.00	39.40 2.51 0.00	33.02 1.87 0.00	32.21 1.77 0.00	33.40 1.95 0.00	32.61 1.90 0.00	33.37 2.04 0.00	35.76 2.65 0.00	38.60 2.79 0.00	46.76 3.66 0.00	56.83 4.55 0.00	45.25 3.62 0.00	42.27 3.24 0.00	35.46 2.69 0.00	30.27 2.22 0.00	27.77 2.01 0.00
GROVEVILLE___HYD 323602	29.08 1.65 0.00	27.04 1.51 0.00	26.86 1.50 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.34 1.55 0.00	41.64 2.06 0.00	53.23 3.11 0.00	44.07 2.61 0.00	39.11 2.21 0.00	32.96 1.81 0.00	32.12 1.67 0.00	33.25 1.79 0.00	32.39 1.69 0.00	33.18 1.85 0.00	35.20 2.09 0.00	38.16 2.36 0.00	46.03 2.93 0.00	55.90 3.61 0.00	44.38 2.75 0.00	41.57 2.54 0.00	34.87 2.10 0.00	29.82 1.77 0.00	27.48 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.50 -0.40 -0.12	39.93 -0.51 -0.86	50.16 -1.00 -1.04	40.67 -0.79 0.00	36.30 -0.59 0.00	30.56 -0.59 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.45 -0.66 0.00	35.05 -0.75 0.00	42.20 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.21 -0.82 0.00	32.08 -0.69 0.00	27.47 -0.59 0.00	25.16 -0.59 0.00

HAMLTNNY_34_KV_TB 80303	26.86 -0.58 0.00	24.95 -0.59 0.00	24.78 -0.58 0.00	24.50 -0.55 0.00	25.04 -0.54 0.00	28.48 -0.43 -0.13	39.92 -0.55 -0.89	49.82 -1.10 -0.79	40.56 -0.87 0.02	36.23 -0.66 0.00	30.53 -0.62 0.00	29.87 -0.58 0.00	30.83 -0.63 0.00	30.12 -0.58 0.00	30.74 -0.60 0.00	32.36 -0.73 0.02	34.64 -0.82 0.34	40.57 -0.99 1.54	48.45 -1.20 2.64	39.99 -0.92 0.73	35.94 -0.90 2.19	31.16 -0.75 0.85	27.40 -0.65 0.01	25.11 -0.64 0.01
HAMPSHIRE___PAPER_HYD 323593	28.23 0.80 0.00	26.35 0.82 0.00	26.05 0.68 0.00	25.83 0.78 0.00	26.35 0.77 0.00	29.94 1.09 -0.06	42.05 2.06 -0.40	53.82 3.21 -0.48	43.65 2.20 0.00	38.29 1.40 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.21 0.75 0.00	31.50 0.80 0.00	31.99 0.66 0.00	33.74 0.63 0.00	36.66 0.86 0.00	44.65 1.55 0.00	52.15 2.67 2.80	42.66 1.71 0.68	40.32 1.29 0.00	33.82 1.05 0.00	28.62 0.56 0.00	26.09 0.33 0.00
HARDSCRABBLE_WT_PWR 323673	26.47 -0.96 0.00	24.64 -0.89 0.00	24.47 -0.89 0.00	24.22 -0.83 0.00	24.74 -0.84 0.00	27.89 -0.89 0.00	38.36 -1.23 0.00	48.72 -1.40 0.00	40.30 -1.16 0.00	35.93 -0.96 0.00	30.49 -0.66 0.00	29.90 -0.55 0.00	30.98 -0.47 0.00	30.21 -0.49 0.00	30.77 -0.56 0.00	32.52 -0.60 0.00	35.09 -0.72 0.00	42.19 -0.91 0.00	51.82 -1.05 -0.58	40.86 -0.92 -0.14	38.21 -0.82 0.00	32.15 -0.62 0.00	27.58 -0.48 0.00	25.34 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.92 1.48 0.00	26.89 1.35 0.00	26.68 1.32 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.17 1.38 0.00	41.41 1.82 0.00	52.93 2.81 0.00	43.82 2.36 0.00	38.85 1.96 0.00	32.77 1.62 0.00	31.94 1.49 0.00	33.06 1.60 0.00	32.24 1.54 0.00	33.02 1.69 0.00	35.03 1.92 0.00	37.95 2.15 0.00	45.82 2.72 0.00	55.69 3.40 0.00	44.26 2.62 0.00	41.41 2.38 0.00	34.74 1.97 0.00	29.71 1.66 0.00	27.38 1.62 0.00
HARSNRAD_115KV_TB1 81005	25.27 -2.17 0.00	23.49 -2.04 0.00	23.33 -2.03 0.00	23.07 -1.98 0.00	23.64 -1.94 0.00	27.23 -1.55 0.00	37.09 -2.49 0.00	45.67 -3.41 1.05	38.26 -3.11 0.09	34.60 -2.29 0.01	29.22 -1.93 0.00	28.65 -1.80 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.79 0.00	30.84 -2.19 0.09	32.30 -2.29 1.20	34.75 -2.84 5.51	38.08 -3.71 10.50	35.90 -3.12 2.61	28.68 -2.58 7.77	27.61 -2.13 3.03	26.15 -1.88 0.02	24.04 -1.70 0.02
HARZA MOOSE___RIVER 24016	27.96 0.52 0.00	26.00 0.46 0.00	25.74 0.38 0.00	25.48 0.43 0.00	26.02 0.43 0.00	29.51 0.69 -0.04	41.08 1.23 -0.27	52.55 2.11 -0.32	42.99 1.53 0.00	37.93 1.03 0.00	31.74 0.59 0.00	30.91 0.46 0.00	32.05 0.60 0.00	31.32 0.61 0.00	31.90 0.56 0.00	33.71 0.60 0.00	36.55 0.75 0.00	44.31 1.21 0.00	53.87 1.99 0.40	42.83 1.29 0.10	39.97 0.94 0.00	33.59 0.82 0.00	28.59 0.53 0.00	26.14 0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.75 -0.69 0.00	24.87 -0.66 0.00	24.70 -0.66 0.00	24.40 -0.65 0.00	24.94 -0.64 0.00	28.30 -0.55 -0.06	39.29 -0.75 -0.46	49.46 -1.25 -0.58	40.42 -1.04 0.00	36.08 -0.81 0.00	30.40 -0.75 0.00	29.75 -0.70 0.00	30.73 -0.72 0.00	30.03 -0.68 0.00	30.61 -0.72 0.00	32.29 -0.83 0.00	34.91 -0.90 0.00	42.01 -1.08 0.01	50.48 -1.36 0.45	40.59 -1.04 0.00	38.02 -1.01 0.00	31.92 -0.85 0.00	27.33 -0.73 0.00	25.06 -0.70 0.00
HELLGATE_13_KV_LD 55870	29.31 1.87 -0.01	27.26 1.71 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.82 2.36 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.53 2.42 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.16 2.10 0.00	27.80 2.03 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.31 1.87 -0.01	27.26 1.71 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.41 1.82 0.00	52.78 2.66 0.00	43.82 2.36 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.53 2.42 0.00	38.38 2.58 0.00	45.90 2.80 0.00	55.58 3.29 0.00	44.26 2.62 0.00	41.57 2.54 0.00	34.97 2.20 0.00	30.16 2.10 0.00	27.80 2.03 -0.01
HEMPSTEAD____ 23647	29.42 1.98 -0.01	27.26 1.71 -0.01	27.11 1.75 0.00	26.74 1.68 -0.01	27.27 1.69 0.00	30.58 1.79 -0.01	41.01 1.42 0.00	52.28 2.15 0.00	43.28 1.82 0.00	38.63 1.73 0.00	32.89 1.74 0.00	32.55 2.10 0.00	33.34 1.89 0.00	32.73 2.03 0.00	33.31 1.98 0.00	35.13 2.02 0.00	37.95 2.15 0.00	45.73 2.63 0.00	55.58 3.30 0.00	44.26 2.62 0.00	41.33 2.30 0.00	35.03 2.26 0.00	30.48 2.41 -0.01	28.04 2.27 -0.01
HEWLETT_69_KV_BK3 55828	29.75 2.30 -0.01	27.68 2.15 0.00	27.44 2.08 0.00	27.03 1.98 0.00	27.60 2.02 0.00	30.97 2.19 0.00	41.37 1.78 0.00	52.58 2.46 0.00	43.70 2.24 0.00	38.96 2.07 0.00	33.48 2.34 0.00	32.92 2.47 0.00	33.62 2.17 0.00	33.00 2.30 0.00	33.59 2.26 0.00	35.30 2.19 0.00	38.20 2.40 0.00	45.99 2.89 0.00	56.00 3.71 0.00	44.59 2.96 0.00	41.61 2.58 0.00	35.39 2.62 0.00	30.66 2.61 0.00	28.24 2.47 -0.01
HICKLING___1 23621	26.72 -0.71 0.00	24.82 -0.72 0.00	24.65 -0.71 0.00	24.35 -0.70 0.00	24.99 -0.59 0.00	28.59 -0.23 -0.03	39.39 -0.44 -0.24	47.84 0.50 2.79	41.52 0.29 0.23	36.87 0.00 0.02	31.09 -0.06 0.00	30.36 -0.09 0.00	31.39 -0.06 0.00	30.70 0.00 0.00	31.30 -0.03 0.00	32.95 0.07 0.23	32.51 0.07 0.37	28.07 0.30 15.33	25.82 0.37 26.83	34.97 0.37 7.03	17.44 0.20 21.79	24.42 0.13 8.49	28.03 0.03 0.06	25.60 -0.10 0.06
HICKLING___2 23622	26.72 -0.71 0.00	24.82 -0.72 0.00	24.65 -0.71 0.00	24.35 -0.70 0.00	24.99 -0.59 0.00	28.59 -0.23 -0.03	39.39 -0.44 -0.24	47.84 0.50 2.79	41.52 0.29 0.23	36.87 0.00 0.02	31.09 -0.06 0.00	30.36 -0.09 0.00	31.39 -0.06 0.00	30.70 0.00 0.00	31.30 -0.03 0.00	32.95 0.07 0.23	32.51 0.07 0.37	28.07 0.30 15.33	25.82 0.37 26.83	34.97 0.37 7.03	17.44 0.20 21.79	24.42 0.13 8.49	28.03 0.03 0.06	25.60 -0.10 0.06
HIGH FALLS___HY 23754	28.92 1.48 0.00	26.87 1.33 0.00	26.65 1.29 0.00	26.28 1.23 0.00	26.86 1.28 0.00	30.17 1.38 0.00	41.45 1.86 0.00	53.03 2.91 0.00	43.90 2.45 0.00	38.92 2.03 0.00	32.74 1.59 0.00	31.91 1.46 0.00	33.06 1.60 0.00	32.24 1.54 0.00	33.02 1.69 0.00	35.00 1.89 0.00	37.95 2.15 0.00	45.82 2.72 0.00	55.74 3.45 0.00	44.21 2.58 0.00	41.37 2.34 0.00	34.74 1.97 0.00	29.68 1.63 0.00	27.38 1.62 0.00
HIGH_RIVER___SOLAR 323847	28.83 1.40 0.00	26.84 1.30 0.00	26.65 1.29 0.00	26.33 1.28 0.00	26.89 1.30 0.00	30.20 1.41 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.53 2.07 0.00	38.41 1.51 0.00	32.24 1.09 0.00	31.45 1.00 0.00	32.71 1.26 0.00	31.93 1.23 0.00	32.62 1.29 0.00	34.90 1.79 0.00	37.73 1.93 0.00	45.56 2.46 0.00	55.32 3.03 0.00	44.05 2.41 0.00	41.21 2.18 0.00	34.57 1.80 0.00	29.57 1.51 0.00	27.17 1.42 0.00

HILLBURN___GT 23639	28.70 1.26 0.00	26.63 1.10 0.00	26.50 1.14 0.00	26.15 1.10 0.00	26.68 1.10 0.00	29.91 1.12 0.00	41.21 1.62 0.00	52.73 2.60 0.00	43.57 2.11 0.00	38.74 1.84 0.00	32.67 1.53 0.00	31.94 1.49 0.00	33.03 1.57 0.00	32.24 1.53 0.00	32.96 1.63 0.00	35.00 1.89 0.00	37.88 2.08 0.00	45.69 2.59 0.00	55.53 3.24 0.00	44.17 2.54 0.00	41.37 2.34 0.00	34.67 1.90 0.00	29.74 1.68 0.00	27.35 1.60 0.00
HILLSIDE_115KV_TB1 80332	26.53 -0.91 0.00	24.67 -0.87 0.00	24.47 -0.89 0.00	24.20 -0.85 0.00	24.79 -0.79 0.00	28.33 -0.49 -0.04	38.96 -0.87 -0.25	47.57 0.05 2.61	41.12 -0.12 0.21	36.47 -0.41 0.02	30.78 -0.37 0.00	30.05 -0.40 0.00	31.08 -0.38 0.00	30.39 -0.31 0.00	30.99 -0.34 0.00	32.67 -0.23 0.21	32.45 -0.21 3.13	28.83 0.00 14.27	27.30 0.00 24.99	35.17 0.08 6.54	18.67 -0.08 20.28	24.78 -0.10 7.90	27.83 -0.17 0.05	25.47 -0.23 0.05
HISHELDN_WT_PWR 323625	25.51 -1.92 0.00	23.88 -1.66 0.00	23.66 -1.70 0.00	23.40 -1.65 0.00	24.00 -1.59 0.00	27.43 -1.35 0.00	37.57 -2.02 0.00	46.56 -2.30 1.26	39.40 -1.95 0.11	35.08 -1.81 0.01	29.93 -1.22 0.00	29.05 -1.40 0.00	30.04 -1.41 0.00	29.44 -1.26 0.00	29.92 -1.41 0.00	31.45 -1.56 0.11	32.39 -1.75 1.66	33.48 -2.11 7.51	35.83 -2.66 13.80	36.21 -2.29 3.14	26.33 -2.03 10.67	26.94 -1.67 4.16	26.57 -1.46 0.03	24.31 -1.42 0.03
HOLTSVILLE_IC_1 23690	30.02 2.58 -0.01	27.77 2.22 -0.01	27.59 2.23 0.00	27.21 2.15 -0.01	27.75 2.17 0.00	31.18 2.39 -0.01	41.21 1.62 0.00	52.28 2.15 0.00	43.28 1.82 0.00	38.55 1.66 0.00	32.95 1.81 0.00	32.70 2.25 0.00	33.25 1.79 0.00	32.76 2.06 0.00	33.24 1.91 0.00	35.10 1.99 0.00	37.95 2.15 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.47 2.83 0.00	41.45 2.42 0.00	35.26 2.49 0.00	30.98 2.92 -0.01	28.49 2.73 -0.01
HOLTSVILLE_IC_10 23699	30.16 2.72 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.41 1.82 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.14 2.00 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.43 2.10 0.00	35.30 2.18 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.05 3.77 0.00	44.76 3.12 0.00	41.69 2.66 0.00	35.46 2.69 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
HOLTSVILLE_IC_2 23691	30.02 2.58 -0.01	27.77 2.22 -0.01	27.59 2.23 0.00	27.21 2.15 -0.01	27.75 2.17 0.00	31.18 2.39 -0.01	41.21 1.62 0.00	52.28 2.15 0.00	43.28 1.82 0.00	38.55 1.66 0.00	32.95 1.81 0.00	32.70 2.25 0.00	33.25 1.79 0.00	32.76 2.06 0.00	33.24 1.91 0.00	35.10 1.99 0.00	37.95 2.15 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.47 2.83 0.00	41.45 2.42 0.00	35.26 2.49 0.00	30.98 2.92 -0.01	28.49 2.73 -0.01
HOLTSVILLE_IC_3 23692	30.02 2.58 -0.01	27.77 2.22 -0.01	27.59 2.23 0.00	27.21 2.15 -0.01	27.75 2.17 0.00	31.18 2.39 -0.01	41.21 1.62 0.00	52.28 2.15 0.00	43.28 1.82 0.00	38.55 1.66 0.00	32.95 1.81 0.00	32.70 2.25 0.00	33.25 1.79 0.00	32.76 2.06 0.00	33.24 1.91 0.00	35.10 1.99 0.00	37.95 2.15 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.47 2.83 0.00	41.45 2.42 0.00	35.26 2.49 0.00	30.98 2.92 -0.01	28.49 2.73 -0.01
HOLTSVILLE_IC_4 23693	30.02 2.58 -0.01	27.77 2.22 -0.01	27.59 2.23 0.00	27.21 2.15 -0.01	27.75 2.17 0.00	31.18 2.39 -0.01	41.21 1.62 0.00	52.28 2.15 0.00	43.28 1.82 0.00	38.55 1.66 0.00	32.95 1.81 0.00	32.70 2.25 0.00	33.25 1.79 0.00	32.76 2.06 0.00	33.24 1.91 0.00	35.10 1.99 0.00	37.95 2.15 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.47 2.83 0.00	41.45 2.42 0.00	35.26 2.49 0.00	30.98 2.92 -0.01	28.49 2.73 -0.01
HOLTSVILLE_IC_5 23694	30.02 2.58 -0.01	27.77 2.22 -0.01	27.59 2.23 0.00	27.21 2.15 -0.01	27.75 2.17 0.00	31.18 2.39 -0.01	41.21 1.62 0.00	52.28 2.15 0.00	43.28 1.82 0.00	38.55 1.66 0.00	32.95 1.81 0.00	32.70 2.25 0.00	33.25 1.79 0.00	32.76 2.06 0.00	33.24 1.91 0.00	35.10 1.99 0.00	37.95 2.15 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.47 2.83 0.00	41.45 2.42 0.00	35.26 2.49 0.00	30.98 2.92 -0.01	28.49 2.73 -0.01
HOLTSVILLE_IC_6 23695	30.16 2.72 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.41 1.82 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.14 2.00 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.43 2.10 0.00	35.30 2.18 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.05 3.77 0.00	44.76 3.12 0.00	41.69 2.66 0.00	35.46 2.69 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
HOLTSVILLE_IC_7 23696	30.16 2.72 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.41 1.82 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.14 2.00 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.43 2.10 0.00	35.30 2.18 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.05 3.77 0.00	44.76 3.12 0.00	41.69 2.66 0.00	35.46 2.69 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
HOLTSVILLE_IC_8 23697	30.16 2.72 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.41 1.82 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.14 2.00 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.43 2.10 0.00	35.30 2.18 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.05 3.77 0.00	44.76 3.12 0.00	41.69 2.66 0.00	35.46 2.69 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
HOLTSVILLE_IC_9 23698	30.16 2.72 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.41 1.82 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.14 2.00 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.43 2.10 0.00	35.30 2.18 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.05 3.77 0.00	44.76 3.12 0.00	41.69 2.66 0.00	35.46 2.69 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
HOMER_HL_115KV_TB2 355744	26.25 -1.18 0.00	24.44 -1.10 0.00	24.27 -1.09 0.00	23.97 -1.08 0.00	24.58 -1.00 0.00	28.38 -0.40 0.00	38.64 -0.95 0.00	49.58 0.65 1.20	41.60 0.25 0.10	36.00 -0.89 0.01	30.49 -0.65 0.00	29.72 -0.73 0.00	30.73 -0.72 0.00	30.21 -0.49 0.00	30.64 -0.69 0.00	33.21 0.20 0.10	34.37 0.25 1.68	35.94 0.47 7.63	38.82 0.52 13.99	38.98 0.33 2.99	28.54 0.35 10.84	28.81 0.26 4.22	27.94 -0.08 0.03	25.26 -0.46 0.03
HOWARD_WT_PWR 323690	26.09 -1.34 0.00	24.29 -1.25 0.00	24.07 -1.29 0.00	23.85 -1.20 0.00	24.51 -1.07 0.00	28.00 -0.81 -0.02	38.68 -1.07 -0.16	46.80 -0.55 2.78	40.74 -0.50 0.22	36.28 -0.59 0.02	30.84 -0.31 0.00	29.96 -0.49 0.00	30.95 -0.50 0.00	30.33 -0.37 0.00	30.80 -0.53 0.00	32.39 -0.50 0.23	31.80 -0.61 3.39	27.01 -0.65 15.44	24.27 -0.84 27.18	33.88 -0.75 7.00	16.26 -0.82 21.95	23.57 -0.66 8.55	27.32 -0.67 0.06	24.90 -0.80 0.06

HQ_GEN_CEDARS 23644	28.70 1.26 0.00	26.76 1.23 0.00	26.43 1.07 0.00	26.20 1.15 0.00	26.73 1.15 0.00	30.39 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.44 2.98 0.00	38.85 1.96 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.17 2.07 0.00	51.43 3.45 4.31	42.79 2.21 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	28.64 1.21 0.00	26.79 1.25 0.00	26.43 1.06 0.00	26.23 1.18 0.00	26.76 1.18 0.00	30.38 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.32 2.86 0.00	38.85 1.95 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.21 2.11 0.00	51.43 3.45 4.31	42.79 2.21 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.51 0.00
HQ_GEN_IMPORT 323601	27.46 0.03 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.63 0.05 0.00	28.81 0.03 0.00	39.62 0.04 0.00	50.08 -0.05 0.00	41.37 -0.08 0.00	36.86 -0.04 0.00	31.15 0.00 0.00	30.45 0.00 0.00	31.42 -0.03 0.00	30.67 -0.03 0.00	31.30 -0.03 0.00	33.01 -0.10 0.00	35.66 -0.14 0.00	42.89 -0.21 0.00	50.36 -0.26 1.67	41.02 -0.21 0.41	38.91 -0.12 0.00	32.64 -0.13 0.00	27.92 -0.14 0.00	25.63 -0.13 0.00
HQ_GEN_WHEEL 23651	27.46 0.03 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.63 0.05 0.00	28.81 0.03 0.00	39.62 0.04 0.00	50.08 -0.05 0.00	41.37 -0.08 0.00	36.86 -0.04 0.00	31.15 0.00 0.00	30.45 0.00 0.00	31.42 -0.03 0.00	30.67 -0.03 0.00	31.30 -0.03 0.00	33.01 -0.10 0.00	35.66 -0.14 0.00	42.89 -0.21 0.00	50.36 -0.26 1.67	41.02 -0.21 0.41	38.91 -0.12 0.00	32.64 -0.13 0.00	27.92 -0.14 0.00	25.63 -0.13 0.00
HUDSON AVE_GT_3 23810	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	44.03 2.57 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.51 2.87 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.07 2.02 0.00	27.71 1.96 0.00
HUDSON AVE_GT_4 23540	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	44.03 2.57 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.51 2.87 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.07 2.02 0.00	27.71 1.96 0.00
HUDSON AVE_GT_5 23657	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	44.03 2.57 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.51 2.87 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.07 2.02 0.00	27.71 1.96 0.00
HUDSON_AVE_10 24168	29.05 1.62 0.00	27.02 1.48 0.00	26.78 1.42 0.00	26.38 1.33 0.00	26.91 1.33 0.00	30.13 1.35 0.01	41.37 1.78 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.31 1.86 0.00	33.37 1.92 0.00	32.61 1.90 0.00	33.31 1.97 0.00	35.37 2.25 0.00	38.24 2.43 0.00	45.95 2.84 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.57 2.54 0.00	34.87 2.10 0.00	29.93 1.88 0.00	27.59 1.83 0.00
HUDSON___115KV_TB 4 355613	28.70 1.26 0.00	26.74 1.20 0.00	26.58 1.22 0.00	26.23 1.18 0.00	26.78 1.20 0.00	30.08 1.30 0.00	41.49 1.90 0.00	52.68 2.56 0.00	43.49 2.03 0.00	38.33 1.44 0.00	32.27 1.12 0.00	31.42 0.97 0.00	32.46 1.01 0.00	31.62 0.92 0.00	32.37 1.03 0.00	34.44 1.32 0.00	37.34 1.54 0.00	45.21 2.11 0.00	54.95 2.67 0.00	43.71 2.08 0.00	40.90 1.87 0.00	34.28 1.51 0.00	29.29 1.23 0.00	26.92 1.16 0.00
HUNTER MOUNT___DRP 323613	28.78 1.34 0.00	26.84 1.30 0.00	26.68 1.32 0.00	26.33 1.28 0.00	26.89 1.30 0.00	30.20 1.41 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.65 2.20 0.00	38.37 1.48 0.00	32.24 1.09 0.00	31.33 0.88 0.00	32.37 0.91 0.00	31.50 0.80 0.00	32.30 0.97 0.00	34.37 1.26 0.00	37.34 1.54 0.00	45.26 2.16 0.00	55.01 2.72 0.00	43.71 2.08 0.00	40.90 1.87 0.00	34.28 1.51 0.00	29.26 1.21 0.00	26.94 1.18 0.00
HUNTINGTON_RES_REC 323705	29.83 2.39 -0.01	27.61 2.07 -0.01	27.44 2.08 0.00	27.06 2.00 -0.01	27.60 2.02 0.00	31.01 2.22 -0.01	40.93 1.35 0.00	52.03 1.90 0.00	43.07 1.62 0.00	38.44 1.55 0.00	32.83 1.68 0.00	32.61 2.16 0.00	33.21 1.76 0.00	32.70 1.99 0.00	33.21 1.88 0.00	34.97 1.85 0.00	37.84 2.04 0.00	45.73 2.63 0.00	55.53 3.24 0.00	44.30 2.67 0.00	41.33 2.30 0.00	35.10 2.33 0.00	30.87 2.81 -0.01	28.37 2.60 -0.01
HUNTLEY___63 23557	25.49 -1.95 0.00	23.70 -1.84 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.84 -1.74 0.00	27.49 -1.30 0.00	37.41 -2.18 0.00	46.14 -3.01 0.98	38.72 -2.65 0.09	34.97 -1.92 0.01	29.56 -1.59 0.00	28.96 -1.49 0.00	29.94 -1.51 0.00	29.44 -1.26 0.00	29.89 -1.44 0.00	31.24 -1.79 0.09	32.57 -1.97 1.26	34.82 -2.54 5.74	38.11 -3.29 10.88	36.33 -2.79 2.51	28.64 -2.26 8.13	27.78 -1.84 3.16	26.43 -1.60 0.02	24.27 -1.47 0.02
HUNTLEY___64 23558	25.49 -1.95 0.00	23.70 -1.84 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.84 -1.74 0.00	27.49 -1.30 0.00	37.41 -2.18 0.00	46.14 -3.01 0.98	38.72 -2.65 0.09	34.97 -1.92 0.01	29.56 -1.59 0.00	28.96 -1.49 0.00	29.94 -1.51 0.00	29.44 -1.26 0.00	29.89 -1.44 0.00	31.24 -1.79 0.09	32.57 -1.97 1.26	34.82 -2.54 5.74	38.11 -3.29 10.88	36.33 -2.79 2.51	28.64 -2.26 8.13	27.78 -1.84 3.16	26.43 -1.60 0.02	24.27 -1.47 0.02
HUNTLEY___65 23559	25.49 -1.95 0.00	23.70 -1.84 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.84 -1.74 0.00	27.49 -1.30 0.00	37.41 -2.18 0.00	46.14 -3.01 0.98	38.72 -2.65 0.09	34.97 -1.92 0.01	29.56 -1.59 0.00	28.96 -1.49 0.00	29.94 -1.51 0.00	29.44 -1.26 0.00	29.89 -1.44 0.00	31.24 -1.79 0.09	32.57 -1.97 1.26	34.82 -2.54 5.74	38.11 -3.29 10.88	36.33 -2.79 2.51	28.64 -2.26 8.13	27.78 -1.84 3.16	26.43 -1.60 0.02	24.27 -1.47 0.02
HUNTLEY___66 23560	25.49 -1.95 0.00	23.70 -1.84 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.84 -1.74 0.00	27.49 -1.30 0.00	37.41 -2.18 0.00	46.14 -3.01 0.98	38.72 -2.65 0.09	34.97 -1.92 0.01	29.56 -1.59 0.00	28.96 -1.49 0.00	29.94 -1.51 0.00	29.44 -1.26 0.00	29.89 -1.44 0.00	31.24 -1.79 0.09	32.57 -1.97 1.26	34.82 -2.54 5.74	38.11 -3.29 10.88	36.33 -2.79 2.51	28.64 -2.26 8.13	27.78 -1.84 3.16	26.43 -1.60 0.02	24.27 -1.47 0.02

HUNTLEY___67 23561	25.38 -2.06 0.00	23.60 -1.94 0.00	23.43 -1.93 0.00	23.15 -1.90 0.00	23.74 -1.84 0.00	27.35 -1.44 0.00	37.21 -2.38 0.00	46.04 -3.26 0.82	38.51 -2.86 0.09	34.71 -2.18 0.01	29.34 -1.81 0.00	28.74 -1.71 0.00	29.72 -1.73 0.00	29.17 -1.54 0.00	29.64 -1.69 0.00	31.04 -1.99 0.09	32.28 -2.22 1.30	34.53 -2.76 5.81	37.79 -3.50 10.99	36.51 -2.96 2.16	28.23 -2.50 8.30	27.48 -2.06 3.23	26.32 -1.71 0.02	24.16 -1.57 0.02
HUNTLEY___68 23562	25.38 -2.06 0.00	23.60 -1.94 0.00	23.43 -1.93 0.00	23.15 -1.90 0.00	23.74 -1.84 0.00	27.35 -1.44 0.00	37.21 -2.38 0.00	46.04 -3.26 0.82	38.51 -2.86 0.09	34.71 -2.18 0.01	29.34 -1.81 0.00	28.74 -1.71 0.00	29.72 -1.73 0.00	29.17 -1.54 0.00	29.64 -1.69 0.00	31.04 -1.99 0.09	32.28 -2.22 1.30	34.53 -2.76 5.81	37.79 -3.50 10.99	36.51 -2.96 2.16	28.23 -2.50 8.30	27.48 -2.06 3.23	26.32 -1.71 0.02	24.16 -1.57 0.02
HYLAND___LFGE 323620	26.94 -0.49 0.00	25.08 -0.46 0.00	24.83 -0.53 0.00	24.60 -0.45 0.00	25.25 -0.33 0.00	28.90 0.12 0.00	39.86 0.28 0.00	49.16 0.65 1.61	41.66 0.33 0.13	36.88 0.00 0.01	31.06 -0.09 0.00	30.05 -0.40 0.00	30.95 -0.50 0.00	30.33 -0.37 0.00	30.99 -0.34 0.00	32.45 -0.53 0.13	33.54 -0.32 1.93	34.28 0.00 8.82	36.68 0.42 16.03	37.83 0.25 4.06	26.64 0.12 12.51	28.06 0.16 4.87	28.02 0.00 0.03	25.54 -0.18 0.03
INDECK___CORINTH 23802	29.30 1.87 0.00	27.35 1.81 0.00	27.14 1.77 0.00	26.80 1.75 0.00	27.35 1.76 0.00	29.85 1.07 0.00	41.37 1.78 0.00	52.48 2.36 0.00	43.37 1.91 0.00	38.33 1.44 0.00	32.40 1.25 0.00	31.64 1.19 0.00	32.74 1.29 0.00	31.78 1.07 0.00	32.43 1.10 0.00	34.44 1.33 0.00	37.20 1.39 0.00	44.78 1.68 0.00	54.38 2.09 0.00	43.30 1.67 0.00	40.40 1.37 0.00	33.79 1.02 0.00	29.12 1.07 0.00	27.51 1.75 0.00
INDECK___ILION 23567	27.16 -0.27 0.00	25.28 -0.26 0.00	25.11 -0.25 0.00	24.80 -0.25 0.00	25.35 -0.23 0.00	28.53 -0.26 0.00	39.23 -0.36 0.00	49.82 -0.30 0.00	41.21 -0.25 0.00	36.63 -0.26 0.00	30.99 -0.16 0.00	30.30 -0.15 0.00	31.36 -0.09 0.00	30.58 -0.12 0.00	31.21 -0.13 0.00	33.01 -0.10 0.00	35.66 -0.14 0.00	42.93 -0.17 0.00	52.71 -0.16 -0.58	41.61 -0.17 -0.14	38.83 -0.20 0.00	32.67 -0.10 0.00	27.97 -0.08 0.00	25.68 -0.08 0.00
INDECK___OLEAN 23982	26.12 -1.32 0.00	24.47 -1.07 0.00	24.25 -1.12 0.00	24.00 -1.05 0.00	24.64 -0.95 0.00	28.15 -0.63 0.00	38.63 -0.95 0.00	49.58 0.65 1.20	41.23 -0.12 0.10	35.96 -0.92 0.01	30.71 -0.44 0.00	29.72 -0.73 0.00	30.73 -0.72 0.00	30.18 -0.52 0.00	30.64 -0.69 0.00	33.24 0.23 0.10	34.33 0.22 1.68	35.90 0.43 7.63	38.82 0.52 13.99	38.98 0.33 2.99	28.50 0.31 10.84	28.81 0.26 4.22	27.94 -0.08 0.03	25.26 -0.46 0.03
INDECK___OSWEGO 23783	26.61 -0.82 0.00	24.77 -0.77 0.00	24.60 -0.76 0.00	24.30 -0.75 0.00	24.84 -0.74 0.00	28.32 -0.75 -0.28	40.45 -1.11 -1.98	50.80 -1.65 -2.33	40.13 -1.33 0.00	35.71 -1.18 0.00	30.12 -1.03 0.00	29.41 -1.04 0.00	30.38 -1.07 0.00	29.69 -1.01 0.00	30.27 -1.07 0.00	31.92 -1.19 0.00	34.51 -1.29 0.00	41.64 -1.51 -0.05	52.06 -1.78 -1.55	40.26 -1.37 0.00	37.66 -1.37 0.00	31.66 -1.11 0.00	27.10 -0.95 0.00	24.85 -0.90 0.00
INDECK___YERKES 23781	25.43 -2.00 0.00	23.83 -1.71 0.00	23.64 -1.73 0.00	23.35 -1.70 0.00	23.94 -1.64 0.00	27.38 -1.41 0.00	37.45 -2.14 0.00	46.24 -2.91 0.98	39.05 -2.32 0.09	34.96 -1.92 0.01	29.93 -1.22 0.00	28.99 -1.46 0.00	29.98 -1.48 0.00	29.47 -1.23 0.00	29.92 -1.41 0.00	31.20 -1.82 0.09	32.61 -1.93 1.26	34.86 -2.50 5.74	38.16 -3.24 10.88	36.37 -2.75 2.51	28.68 -2.22 8.13	27.81 -1.80 3.16	26.46 -1.57 0.02	24.29 -1.44 0.02
INDIAN POINT_GT_1 24139	28.92 1.48 0.00	26.92 1.38 0.00	26.70 1.34 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.14 1.35 0.00	41.29 1.70 0.00	52.78 2.66 0.00	43.70 2.24 0.00	38.88 1.99 0.00	32.86 1.71 0.00	32.12 1.67 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.79 0.00	35.13 2.02 0.00	38.02 2.22 0.00	45.77 2.67 0.00	55.58 3.29 0.00	44.21 2.58 0.00	41.41 2.38 0.00	34.74 1.97 0.00	29.79 1.74 0.00	27.43 1.67 0.00
INDIAN POINT_GT_2 23659	28.92 1.48 0.00	26.92 1.38 0.00	26.70 1.34 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.14 1.35 0.00	41.29 1.70 0.00	52.78 2.66 0.00	43.70 2.24 0.00	38.88 1.99 0.00	32.86 1.71 0.00	32.12 1.67 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.79 0.00	35.13 2.02 0.00	38.02 2.22 0.00	45.77 2.67 0.00	55.58 3.29 0.00	44.21 2.58 0.00	41.41 2.38 0.00	34.74 1.97 0.00	29.79 1.74 0.00	27.43 1.67 0.00
INDIAN POINT_GT_3 24019	28.92 1.48 0.00	26.92 1.38 0.00	26.70 1.34 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.14 1.35 0.00	41.29 1.70 0.00	52.78 2.66 0.00	43.70 2.24 0.00	38.88 1.99 0.00	32.86 1.71 0.00	32.12 1.67 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.79 0.00	35.13 2.02 0.00	38.02 2.22 0.00	45.77 2.67 0.00	55.58 3.29 0.00	44.21 2.58 0.00	41.41 2.38 0.00	34.74 1.97 0.00	29.79 1.74 0.00	27.43 1.67 0.00
INDIAN POINT___2 23530	28.75 1.32 0.00	26.66 1.12 0.00	26.53 1.17 0.00	26.18 1.13 0.00	26.71 1.12 0.00	29.94 1.15 0.00	41.21 1.62 0.00	52.68 2.56 0.00	43.57 2.11 0.00	38.77 1.88 0.00	32.71 1.56 0.00	32.03 1.58 0.00	33.09 1.63 0.00	32.33 1.63 0.00	33.02 1.69 0.00	35.07 1.95 0.00	37.95 2.15 0.00	45.69 2.59 0.00	55.48 3.19 0.00	44.13 2.50 0.00	41.37 2.34 0.00	34.67 1.90 0.00	29.77 1.71 0.00	27.38 1.62 0.00
INDIAN POINT___3 23531	29.00 1.56 0.00	26.97 1.43 0.00	26.76 1.39 0.00	26.35 1.30 0.00	26.91 1.33 0.00	30.17 1.38 0.00	41.37 1.78 0.00	52.83 2.71 0.00	43.78 2.32 0.00	38.92 2.03 0.00	32.92 1.78 0.00	32.22 1.77 0.00	33.28 1.82 0.00	32.48 1.78 0.00	33.18 1.85 0.00	35.20 2.09 0.00	38.09 2.29 0.00	45.82 2.72 0.00	55.63 3.35 0.00	44.26 2.62 0.00	41.45 2.42 0.00	34.80 2.03 0.00	29.85 1.80 0.00	27.48 1.73 0.00
INGHAM_C_115KV_TB7 356103	26.50 -0.93 0.00	24.67 -0.87 0.00	24.50 -0.86 0.00	24.22 -0.83 0.00	24.74 -0.84 0.00	27.86 -0.92 0.00	38.32 -1.27 0.00	48.67 -1.45 0.00	40.21 -1.24 0.00	35.82 -1.07 0.00	30.40 -0.75 0.00	29.78 -0.67 0.00	30.86 -0.60 0.00	30.09 -0.61 0.00	30.64 -0.69 0.00	32.42 -0.70 0.00	34.94 -0.86 0.00	42.07 -1.03 0.00	51.67 -1.20 -0.58	40.78 -1.00 -0.14	38.09 -0.94 0.00	32.08 -0.69 0.00	27.49 -0.56 0.00	25.24 -0.52 0.00
IP CORINTH___1 23988	29.38 1.95 0.00	27.40 1.86 0.00	27.21 1.85 0.00	26.85 1.80 0.00	27.40 1.82 0.00	30.11 1.32 0.00	41.56 1.98 0.00	52.78 2.66 0.00	43.61 2.16 0.00	38.52 1.62 0.00	32.58 1.43 0.00	31.82 1.37 0.00	32.90 1.45 0.00	31.96 1.26 0.00	32.59 1.25 0.00	34.60 1.49 0.00	37.41 1.61 0.00	45.04 1.94 0.00	54.64 2.35 0.00	43.55 1.92 0.00	40.59 1.56 0.00	34.02 1.25 0.00	29.99 1.94 0.00	27.51 1.75 0.00

IP___TICONDEROGA 23804	30.34 2.91 0.00	28.37 2.83 0.00	28.15 2.79 0.00	27.78 2.73 0.00	28.32 2.74 0.00	31.35 2.56 0.00	43.42 3.84 0.00	55.04 4.91 0.00	45.35 3.90 0.00	39.95 3.06 0.00	33.77 2.62 0.00	32.98 2.53 0.00	34.06 2.61 0.00	33.07 2.36 0.00	33.71 2.38 0.00	35.90 2.78 0.00	38.77 2.97 0.00	46.94 3.84 0.00	57.05 4.76 0.00	45.46 3.83 0.00	42.27 3.24 0.00	35.33 2.56 0.00	30.94 2.89 0.00	28.33 2.58 0.00
ISLIP_RES_REC 323679	30.24 2.80 -0.01	27.97 2.43 -0.01	27.77 2.41 0.00	27.39 2.33 -0.01	27.96 2.38 0.00	31.44 2.65 -0.01	41.56 1.98 0.00	52.78 2.65 0.00	43.69 2.24 0.00	38.88 1.99 0.00	33.27 2.12 0.00	33.01 2.56 0.00	33.56 2.11 0.00	33.07 2.36 0.00	33.59 2.26 0.00	35.43 2.32 0.00	38.34 2.54 0.00	46.42 3.32 0.00	56.37 4.08 0.00	44.96 3.33 0.00	41.88 2.85 0.00	35.62 2.85 0.00	31.23 3.17 -0.01	28.70 2.94 -0.01
JAMAICA__27_KV_LOAD 355505	29.00 1.56 0.00	26.97 1.43 0.00	26.73 1.37 0.00	26.33 1.28 0.00	26.86 1.28 0.00	30.07 1.30 0.01	41.33 1.74 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.03 2.14 0.00	32.96 1.81 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.37 2.25 0.00	38.20 2.40 0.00	45.95 2.84 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.61 2.58 0.00	34.87 2.10 0.00	29.93 1.88 0.00	27.59 1.83 0.00
JANIS___SOLAR 323808	28.01 0.58 0.00	26.05 0.51 0.00	25.79 0.43 0.00	25.50 0.45 0.00	26.09 0.51 0.00	29.72 0.89 -0.05	41.37 1.47 -0.32	57.82 3.61 -4.08	44.39 2.61 -0.32	38.73 1.81 -0.03	32.33 1.18 0.00	31.45 1.00 0.00	32.55 1.10 0.00	31.90 1.20 0.00	32.55 1.22 0.00	34.94 1.49 -0.33	42.36 1.79 -4.77	67.43 2.59 -21.74	92.60 3.50 -36.81	54.57 2.67 -10.28	72.15 2.18 -30.93	46.64 1.83 -12.04	29.57 1.43 -0.08	26.92 1.08 -0.08
JARVIS____ 23743	27.49 0.05 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.63 0.05 0.00	28.84 0.06 0.00	39.66 0.08 0.00	50.33 0.20 0.00	41.62 0.17 0.00	37.00 0.11 0.00	31.24 0.09 0.00	30.54 0.09 0.00	31.55 0.09 0.00	30.79 0.09 0.00	31.43 0.09 0.00	33.25 0.13 0.00	35.94 0.14 0.00	43.27 0.17 0.00	53.13 0.26 -0.58	41.94 0.17 -0.14	39.15 0.12 0.00	32.90 0.13 0.00	28.17 0.11 0.00	25.89 0.13 0.00
JENNISON___1 23625	28.37 0.93 0.00	26.35 0.82 0.00	26.10 0.74 0.00	25.83 0.78 0.00	26.37 0.79 0.00	29.97 1.15 -0.03	41.55 1.74 -0.23	54.91 3.56 -1.23	44.28 2.74 -0.09	38.93 2.03 -0.01	32.61 1.46 0.00	31.76 1.31 0.00	32.93 1.48 0.00	32.21 1.50 0.00	32.80 1.47 0.00	34.96 1.76 -0.09	39.08 2.00 -1.27	51.62 2.72 -5.80	65.50 3.61 -9.61	47.07 2.66 -2.77	49.48 2.19 -8.26	37.85 1.87 -3.21	29.56 1.49 -0.02	26.99 1.21 -0.02
JENNISON___2 23626	28.37 0.93 0.00	26.35 0.82 0.00	26.10 0.74 0.00	25.83 0.78 0.00	26.37 0.79 0.00	29.97 1.15 -0.03	41.55 1.74 -0.23	54.91 3.56 -1.23	44.28 2.74 -0.09	38.93 2.03 -0.01	32.61 1.46 0.00	31.76 1.31 0.00	32.93 1.48 0.00	32.21 1.50 0.00	32.80 1.47 0.00	34.96 1.76 -0.09	39.08 2.00 -1.27	51.62 2.72 -5.80	65.50 3.61 -9.61	47.07 2.66 -2.77	49.48 2.19 -8.26	37.85 1.87 -3.21	29.56 1.49 -0.02	26.99 1.21 -0.02
JERICHO_RISE_WT_PWR 323719	27.65 0.22 0.00	25.84 0.31 0.00	25.61 0.25 0.00	25.33 0.28 0.00	25.84 0.26 0.00	28.84 0.06 0.00	39.82 0.24 0.00	50.03 -0.10 0.00	41.12 -0.33 0.00	36.86 -0.04 0.00	31.18 0.03 0.00	30.57 0.12 0.00	31.52 0.06 0.00	30.79 0.09 0.00	31.33 0.00 0.00	32.95 -0.16 0.00	35.48 -0.32 0.00	42.46 -0.65 0.00	41.93 -0.94 9.42	38.42 -0.92 2.29	38.48 -0.55 0.00	32.18 -0.59 0.00	27.35 -0.70 0.00	24.98 -0.77 0.00
KATONAH___115KV_46KV_TB4 355592	29.11 1.67 0.00	27.12 1.58 0.00	26.93 1.57 0.00	26.55 1.50 0.00	27.09 1.51 0.00	30.37 1.58 0.00	41.64 2.06 0.00	53.18 3.06 0.00	44.15 2.69 0.00	39.33 2.43 0.00	33.17 2.02 0.00	32.43 1.98 0.00	33.50 2.04 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.46 2.35 0.00	38.41 2.61 0.00	46.20 3.10 0.00	56.16 3.87 0.00	44.55 2.91 0.00	41.72 2.69 0.00	35.03 2.26 0.00	29.96 1.91 0.00	27.56 1.80 0.00
KCE_NY_1 323755	29.02 1.59 0.00	27.04 1.51 0.00	26.86 1.50 0.00	26.53 1.48 0.00	27.06 1.48 0.00	30.20 1.41 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.78 2.32 0.00	38.74 1.84 0.00	32.74 1.59 0.00	32.00 1.55 0.00	33.06 1.60 0.00	32.21 1.50 0.00	32.87 1.53 0.00	34.93 1.82 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.27 2.98 0.00	44.05 2.41 0.00	41.18 2.15 0.00	34.47 1.70 0.00	29.57 1.51 0.00	27.33 1.57 0.00
KCE_NY_6_ESR 323823	25.62 -1.81 0.00	23.98 -1.56 0.00	23.79 -1.57 0.00	23.52 -1.53 0.00	24.12 -1.46 0.00	27.58 -1.21 0.00	37.80 -1.78 0.00	47.21 -2.01 0.91	39.64 -1.74 0.08	35.22 -1.66 0.01	30.15 -1.00 0.00	29.20 -1.25 0.00	30.19 -1.26 0.00	29.66 -1.04 0.00	30.14 -1.19 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.30 -2.30 11.69	37.33 -2.00 2.30	28.50 -1.68 8.85	27.95 -1.38 3.45	26.83 -1.21 0.02	24.52 -1.21 0.02
KEDC_PORT_JEFF_GT2 24210	30.13 2.69 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.86 2.28 0.00	31.30 2.50 -0.01	41.37 1.78 0.00	52.53 2.41 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.11 1.96 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.40 2.07 0.00	35.26 2.15 0.00	38.16 2.36 0.00	46.21 3.11 0.00	55.89 3.61 0.00	44.71 3.08 0.00	41.69 2.66 0.00	35.42 2.65 0.00	31.12 3.06 -0.01	28.60 2.83 -0.01
KEDC_PORT_JEFF_GT3 24211	30.13 2.69 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.86 2.28 0.00	31.30 2.50 -0.01	41.37 1.78 0.00	52.53 2.41 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.11 1.96 0.00	32.85 2.40 0.00	33.40 1.95 0.00	32.91 2.21 0.00	33.40 2.07 0.00	35.26 2.15 0.00	38.16 2.36 0.00	46.21 3.11 0.00	55.89 3.61 0.00	44.71 3.08 0.00	41.69 2.66 0.00	35.42 2.65 0.00	31.12 3.06 -0.01	28.60 2.83 -0.01
KEDC_GLWD_GT4 24219	29.37 1.92 -0.02	27.20 1.66 -0.01	27.06 1.70 0.00	26.68 1.63 -0.01	27.22 1.64 0.00	30.52 1.73 -0.01	41.37 1.78 0.00	52.78 2.65 0.00	43.69 2.24 0.00	38.96 2.06 0.00	33.08 1.93 0.00	32.64 2.19 0.00	33.53 2.08 0.00	32.85 2.15 0.00	33.46 2.13 0.00	35.40 2.28 0.00	38.27 2.47 0.00	46.07 2.97 0.00	55.95 3.66 0.00	44.50 2.87 0.00	41.64 2.62 0.00	35.16 2.39 0.00	30.42 2.36 -0.01	27.96 2.19 -0.02
KEDC_GLWD_GT5 24220	29.37 1.92 -0.02	27.20 1.66 -0.01	27.06 1.70 0.00	26.68 1.63 -0.01	27.22 1.64 0.00	30.52 1.73 -0.01	41.37 1.78 0.00	52.78 2.65 0.00	43.69 2.24 0.00	38.96 2.06 0.00	33.08 1.93 0.00	32.64 2.19 0.00	33.53 2.08 0.00	32.85 2.15 0.00	33.46 2.13 0.00	35.40 2.28 0.00	38.27 2.47 0.00	46.07 2.97 0.00	55.95 3.66 0.00	44.50 2.87 0.00	41.64 2.62 0.00	35.16 2.39 0.00	30.42 2.36 -0.01	27.96 2.19 -0.02

KENSICO____ 23655	29.03 1.59 0.00	26.99 1.46 0.00	26.78 1.42 0.00	26.38 1.33 0.00	26.94 1.36 0.00	30.20 1.41 0.00	41.41 1.82 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.00 2.10 0.00	32.99 1.84 0.00	32.25 1.80 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.27 2.15 0.00	38.13 2.33 0.00	45.90 2.80 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.49 2.46 0.00	34.84 2.06 0.00	29.88 1.82 0.00	27.53 1.78 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.94 1.51 0.00	26.92 1.38 0.00	26.73 1.37 0.00	26.35 1.30 0.00	26.91 1.33 0.00	30.22 1.44 0.00	41.56 1.98 0.00	53.13 3.01 0.00	43.99 2.53 0.00	38.96 2.07 0.00	32.77 1.62 0.00	31.91 1.46 0.00	33.06 1.60 0.00	32.24 1.54 0.00	33.02 1.69 0.00	35.00 1.89 0.00	37.98 2.18 0.00	45.86 2.76 0.00	55.79 3.50 0.00	44.26 2.62 0.00	41.41 2.38 0.00	34.77 2.00 0.00	29.71 1.66 0.00	27.40 1.65 0.00
KIAC_JFK_GT1 23816	28.86 1.43 0.00	26.84 1.30 0.00	26.60 1.24 0.00	26.20 1.15 0.00	26.73 1.15 0.00	29.93 1.15 0.01	41.09 1.50 0.00	52.58 2.46 0.00	43.57 2.11 0.00	38.81 1.92 0.00	32.80 1.65 0.00	32.09 1.64 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.79 0.00	35.17 2.05 0.00	37.98 2.18 0.00	45.69 2.59 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.33 2.30 0.00	34.64 1.87 0.00	29.77 1.71 0.00	27.46 1.70 0.00
KIAC_JFK_GT2 23817	28.86 1.43 0.00	26.84 1.30 0.00	26.60 1.24 0.00	26.20 1.15 0.00	26.73 1.15 0.00	29.93 1.15 0.01	41.09 1.50 0.00	52.58 2.46 0.00	43.57 2.11 0.00	38.81 1.92 0.00	32.80 1.65 0.00	32.09 1.64 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.79 0.00	35.17 2.05 0.00	37.98 2.18 0.00	45.69 2.59 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.33 2.30 0.00	34.64 1.87 0.00	29.77 1.71 0.00	27.46 1.70 0.00
KIAC_JFK____ 323774	28.72 1.29 0.00	26.56 1.02 0.00	26.47 1.11 0.00	26.10 1.05 0.00	26.61 1.02 0.00	29.76 0.98 0.01	41.05 1.47 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.77 1.88 0.00	32.71 1.56 0.00	32.09 1.64 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.78 0.00	35.17 2.05 0.00	37.99 2.18 0.00	45.64 2.54 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.45 2.42 0.00	34.70 1.93 0.00	29.85 1.80 0.00	27.46 1.70 0.00
KINTIGH____ 23543	25.43 -2.00 0.00	23.65 -1.89 0.00	23.46 -1.90 0.00	23.22 -1.83 0.00	23.77 -1.82 0.00	27.29 -1.50 0.00	37.21 -2.38 0.00	45.42 -3.76 0.94	38.15 -3.23 0.07	34.71 -2.18 0.01	29.28 -1.87 0.00	28.74 -1.71 0.00	29.69 -1.76 0.00	29.07 -1.63 0.00	29.58 -1.75 0.00	30.76 -2.28 0.07	32.15 -2.61 1.04	35.12 -3.19 4.79	38.97 -3.97 9.35	36.01 -3.29 2.33	29.40 -2.89 6.74	27.76 -2.39 2.62	26.13 -1.91 0.02	24.09 -1.65 0.02
KNTFSRNC_46_KV_46KV_LOAD 80397	28.34 0.91 0.00	26.48 0.94 0.00	26.22 0.86 0.00	25.93 0.88 0.00	26.48 0.90 0.00	29.39 0.60 0.00	40.69 1.11 0.00	50.73 0.60 0.00	42.16 0.70 0.00	37.45 0.55 0.00	31.71 0.56 0.00	31.09 0.64 0.00	32.02 0.57 0.00	31.29 0.58 0.00	31.86 0.53 0.00	33.48 0.36 0.00	36.02 0.21 0.00	42.89 -0.22 0.00	42.14 -0.37 9.78	38.96 -0.29 2.38	39.54 0.51 0.00	33.00 0.23 0.00	27.94 -0.11 0.00	25.52 -0.23 0.00
LACHUTE____HYDRO 323717	30.26 2.83 0.00	28.30 2.76 0.00	28.08 2.71 0.00	27.73 2.68 0.00	28.27 2.69 0.00	31.17 2.39 0.00	43.42 3.84 0.00	55.04 4.92 0.00	45.35 3.90 0.00	39.95 3.06 0.00	33.73 2.58 0.00	32.98 2.53 0.00	34.06 2.61 0.00	33.07 2.36 0.00	33.71 2.38 0.00	35.93 2.81 0.00	38.81 3.01 0.00	46.94 3.83 0.00	57.05 4.76 0.00	45.46 3.83 0.00	42.27 3.24 0.00	35.29 2.52 0.00	30.30 2.25 0.00	28.33 2.58 0.00
LAWRNCALV_115KV_TB1 80681	28.70 1.26 0.00	26.76 1.23 0.00	26.43 1.07 0.00	26.20 1.15 0.00	26.73 1.15 0.00	30.39 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.44 2.98 0.00	38.85 1.96 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.17 2.07 0.00	51.37 3.40 4.31	42.75 2.16 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.52 0.00
LEDERLE____ 23769	28.89 1.45 0.00	26.87 1.33 0.00	26.65 1.29 0.00	26.28 1.23 0.00	26.83 1.25 0.00	30.14 1.35 0.00	41.33 1.74 0.00	52.83 2.71 0.00	43.74 2.28 0.00	38.81 1.92 0.00	32.80 1.65 0.00	32.00 1.55 0.00	33.09 1.64 0.00	32.30 1.60 0.00	33.02 1.69 0.00	35.03 1.92 0.00	37.95 2.15 0.00	45.82 2.72 0.00	55.63 3.35 0.00	44.26 2.62 0.00	41.41 2.38 0.00	34.74 1.97 0.00	29.74 1.68 0.00	27.40 1.65 0.00
LIGHTHSE_115KV_TB6 355974	27.00 -0.44 0.00	25.08 -0.46 0.00	24.88 -0.48 0.00	24.62 -0.43 0.00	25.15 -0.43 0.00	28.59 -0.35 -0.15	40.39 -0.28 -1.08	51.07 -0.35 -1.29	41.08 -0.37 0.00	36.45 -0.44 0.00	30.59 -0.56 0.00	29.84 -0.61 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.74 -0.60 0.00	32.45 -0.66 0.00	35.16 -0.64 0.00	42.47 -0.65 -0.02	51.84 -0.58 -0.13	41.09 -0.46 0.08	38.44 -0.59 0.00	32.28 -0.49 0.00	27.55 -0.50 0.00	25.24 -0.52 0.00
LINDEN COGEN____ 23786	28.81 1.37 0.00	26.69 1.15 0.00	26.58 1.22 0.00	26.23 1.18 0.00	26.73 1.15 0.00	29.91 1.12 0.00	41.21 1.62 0.00	52.73 2.60 0.00	43.61 2.15 0.00	38.92 2.03 0.00	32.83 1.68 0.00	32.21 1.77 0.00	33.31 1.86 0.00	32.51 1.81 0.00	33.21 1.88 0.00	35.30 2.18 0.00	38.13 2.33 0.00	45.69 2.63 0.04	55.43 3.14 0.00	44.13 2.50 0.00	41.53 2.50 0.00	34.77 2.00 0.00	29.91 1.85 0.00	27.51 1.75 0.00
LINDHRST_69_KV_BK1 356055	30.16 2.72 -0.01	28.01 2.48 0.00	27.74 2.38 0.00	27.35 2.30 0.00	27.91 2.33 0.00	31.35 2.56 0.00	41.56 1.98 0.00	52.73 2.61 0.00	43.86 2.40 0.00	38.96 2.07 0.00	33.58 2.43 0.00	33.04 2.59 0.00	33.56 2.11 0.00	33.00 2.30 0.00	33.53 2.19 0.00	35.20 2.09 0.00	38.16 2.36 0.00	46.08 2.97 0.00	56.16 3.87 0.00	44.76 3.12 0.00	41.72 2.69 0.00	35.62 2.85 0.00	31.03 2.97 0.00	28.57 2.81 -0.01
LIPA_MISC_IPP 23656	30.27 2.83 -0.01	28.09 2.55 0.00	27.79 2.43 0.00	27.43 2.38 0.00	27.96 2.38 0.00	31.46 2.68 0.00	41.52 1.94 0.00	52.53 2.41 0.00	43.65 2.20 0.00	38.77 1.88 0.00	33.45 2.31 0.00	32.79 2.34 0.00	33.31 1.86 0.00	32.79 2.09 0.00	33.31 1.97 0.00	35.10 1.99 0.00	37.98 2.18 0.00	45.86 2.76 0.00	55.90 3.61 0.00	44.59 2.96 0.00	41.57 2.54 0.00	35.43 2.65 0.00	30.97 2.92 0.00	28.55 2.78 -0.01
LISF____SOLAR 323691	30.19 2.74 -0.01	27.92 2.38 -0.01	27.72 2.36 0.00	27.34 2.28 -0.01	27.88 2.30 0.00	31.35 2.56 -0.01	41.45 1.86 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.70 1.81 0.00	33.11 1.96 0.00	32.76 2.31 0.00	33.31 1.86 0.00	32.82 2.12 0.00	33.34 2.01 0.00	35.26 2.15 0.00	38.09 2.29 0.00	46.16 3.06 0.00	56.00 3.71 0.00	44.67 3.04 0.00	41.65 2.62 0.00	35.42 2.65 0.00	31.09 3.03 -0.01	28.57 2.81 -0.01

LITTLE FALLS___HYD 24013	26.50 -0.93 0.00	24.67 -0.87 0.00	24.50 -0.86 0.00	24.22 -0.83 0.00	24.74 -0.84 0.00	27.86 -0.92 0.00	38.32 -1.27 0.00	48.67 -1.45 0.00	40.21 -1.24 0.00	35.82 -1.07 0.00	30.40 -0.75 0.00	29.78 -0.67 0.00	30.86 -0.60 0.00	30.09 -0.61 0.00	30.64 -0.69 0.00	32.42 -0.70 0.00	34.94 -0.86 0.00	42.07 -1.03 0.00	51.67 -1.20 -0.58	40.78 -1.00 -0.14	38.09 -0.94 0.00	32.08 -0.69 0.00	27.49 -0.56 0.00	25.24 -0.52 0.00
LITTLRIV_115KV_TB1 356100	29.14 1.70 0.00	27.17 1.63 0.00	26.78 1.42 0.00	26.60 1.55 0.00	27.14 1.56 0.00	30.90 2.07 -0.05	43.60 3.68 -0.33	56.03 5.51 -0.39	45.35 3.90 0.00	39.51 2.62 0.00	32.77 1.62 0.00	31.79 1.34 0.00	33.00 1.54 0.00	32.30 1.60 0.00	32.77 1.44 0.00	34.57 1.46 0.00	37.59 1.79 0.00	45.99 2.89 0.00	52.68 4.71 4.31	43.66 3.08 1.05	41.61 2.58 0.00	34.84 2.06 0.00	29.35 1.29 0.00	26.66 0.90 0.00
LI_NEWBRDGE___DRP 323616	29.56 2.11 -0.01	27.48 1.94 0.00	27.26 1.90 0.00	26.88 1.83 0.00	27.42 1.84 0.00	30.77 1.99 0.00	41.01 1.43 0.00	52.03 1.90 0.00	43.28 1.82 0.00	38.55 1.66 0.00	33.11 1.96 0.00	32.55 2.10 0.00	33.22 1.76 0.00	32.61 1.90 0.00	33.18 1.85 0.00	34.87 1.76 0.00	37.77 1.97 0.00	45.43 2.33 0.00	55.32 3.03 0.00	44.09 2.46 0.00	41.18 2.15 0.00	35.03 2.26 0.00	30.44 2.38 0.00	28.03 2.27 -0.01
LOCKPORT_115KV_TB60_63_64 80432	25.27 -2.17 0.00	23.49 -2.04 0.00	23.31 -2.05 0.00	23.05 -2.00 0.00	23.61 -1.97 0.00	27.23 -1.55 0.00	37.09 -2.49 0.00	45.73 -3.36 1.04	38.30 -3.07 0.09	34.60 -2.29 0.01	29.22 -1.93 0.00	28.65 -1.80 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.79 0.00	30.84 -2.19 0.09	32.36 -2.26 1.19	34.85 -2.80 5.45	38.23 -3.66 10.40	35.93 -3.08 2.62	28.82 -2.54 7.68	27.69 -2.10 2.99	26.15 -1.88 0.02	24.04 -1.70 0.02
LOCKPORT___CC1 323769	25.19 -2.25 0.00	23.60 -1.94 0.00	23.38 -1.98 0.00	23.12 -1.93 0.00	23.72 -1.87 0.00	27.11 -1.67 0.00	37.09 -2.49 0.00	45.67 -3.41 1.05	38.59 -2.78 0.09	34.56 -2.32 0.01	29.53 -1.62 0.00	28.65 -1.80 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.78 0.00	30.80 -2.22 0.09	32.30 -2.29 1.20	34.71 -2.89 5.51	38.08 -3.71 10.50	35.90 -3.12 2.61	28.64 -2.61 7.77	27.61 -2.13 3.03	26.15 -1.88 0.02	24.04 -1.70 0.02
LOCKPORT___CC2 323770	25.19 -2.25 0.00	23.60 -1.94 0.00	23.38 -1.98 0.00	23.12 -1.93 0.00	23.72 -1.87 0.00	27.11 -1.67 0.00	37.09 -2.49 0.00	45.67 -3.41 1.05	38.59 -2.78 0.09	34.56 -2.32 0.01	29.53 -1.62 0.00	28.65 -1.80 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.78 0.00	30.80 -2.22 0.09	32.30 -2.29 1.20	34.71 -2.89 5.51	38.08 -3.71 10.50	35.90 -3.12 2.61	28.64 -2.61 7.77	27.61 -2.13 3.03	26.15 -1.88 0.02	24.04 -1.70 0.02
LOCKPORT___CC3 323771	25.19 -2.25 0.00	23.60 -1.94 0.00	23.38 -1.98 0.00	23.12 -1.93 0.00	23.72 -1.87 0.00	27.11 -1.67 0.00	37.09 -2.49 0.00	45.67 -3.41 1.05	38.59 -2.78 0.09	34.56 -2.32 0.01	29.53 -1.62 0.00	28.65 -1.80 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.78 0.00	30.80 -2.22 0.09	32.30 -2.29 1.20	34.71 -2.89 5.51	38.08 -3.71 10.50	35.90 -3.12 2.61	28.64 -2.61 7.77	27.61 -2.13 3.03	26.15 -1.88 0.02	24.04 -1.70 0.02
LONG_LAKE_PHOENIX 24014	26.64 -0.80 0.00	24.75 -0.79 0.00	24.57 -0.79 0.00	24.30 -0.75 0.00	24.84 -0.74 0.00	28.28 -0.72 -0.21	40.13 -0.95 -1.50	50.45 -1.45 -1.78	40.26 -1.20 0.00	35.93 -0.96 0.00	30.28 -0.87 0.00	29.60 -0.85 0.00	30.57 -0.88 0.00	29.84 -0.86 0.00	30.45 -0.88 0.00	32.12 -0.99 0.00	34.73 -1.07 0.00	41.84 -1.29 -0.03	51.61 -1.57 -0.89	40.47 -1.17 0.00	37.90 -1.13 0.00	31.82 -0.95 0.00	27.24 -0.81 0.00	24.96 -0.80 0.00
LOVETT___3 23632	28.78 1.34 0.00	26.76 1.23 0.00	26.55 1.19 0.00	26.18 1.13 0.00	26.73 1.15 0.00	30.02 1.24 0.00	41.13 1.54 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.64 1.50 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.22 2.19 0.00	34.57 1.80 0.00	29.63 1.57 0.00	27.30 1.55 0.00
LOVETT___4 23642	28.78 1.34 0.00	26.76 1.23 0.00	26.55 1.19 0.00	26.18 1.13 0.00	26.73 1.15 0.00	30.02 1.24 0.00	41.13 1.54 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.64 1.50 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.22 2.19 0.00	34.57 1.80 0.00	29.63 1.57 0.00	27.30 1.55 0.00
LOVETT___5 23593	28.78 1.34 0.00	26.76 1.23 0.00	26.55 1.19 0.00	26.18 1.13 0.00	26.73 1.15 0.00	30.02 1.24 0.00	41.13 1.54 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.64 1.50 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.22 2.19 0.00	34.57 1.80 0.00	29.63 1.57 0.00	27.30 1.55 0.00
LOWER RAQUET___HYD 24057	28.64 1.21 0.00	26.79 1.25 0.00	26.43 1.06 0.00	26.23 1.18 0.00	26.76 1.18 0.00	30.38 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.32 2.86 0.00	38.85 1.95 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.21 2.11 0.00	51.43 3.45 4.31	42.79 2.21 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.51 0.00
LOWER___HUDSON 24059	28.70 1.26 0.00	26.71 1.18 0.00	26.53 1.17 0.00	26.20 1.15 0.00	26.73 1.15 0.00	29.97 1.18 0.00	41.32 1.74 0.00	52.58 2.46 0.00	43.45 1.99 0.00	38.51 1.62 0.00	32.55 1.40 0.00	31.82 1.37 0.00	32.87 1.42 0.00	32.05 1.35 0.00	32.71 1.38 0.00	34.77 1.65 0.00	37.63 1.82 0.00	45.34 2.24 0.00	55.01 2.72 0.00	43.80 2.16 0.00	41.02 1.99 0.00	34.38 1.61 0.00	29.46 1.40 0.00	27.12 1.36 0.00
LOWVILLE_115KV_TB2 356335	27.93 0.49 0.00	25.97 0.43 0.00	25.69 0.33 0.00	25.45 0.40 0.00	25.99 0.41 0.00	29.53 0.69 -0.05	41.31 1.35 -0.37	52.87 2.31 -0.44	43.07 1.62 0.00	37.85 0.96 0.00	31.62 0.47 0.00	30.75 0.30 0.00	31.93 0.47 0.00	31.19 0.49 0.00	31.74 0.41 0.00	33.54 0.43 0.00	36.41 0.61 0.00	44.27 1.16 0.00	53.42 2.04 0.91	42.70 1.29 0.22	39.93 0.90 0.00	33.52 0.75 0.00	28.50 0.45 0.00	26.04 0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.08 1.65 0.00	27.12 1.58 0.00	26.93 1.57 0.00	26.58 1.53 0.00	27.12 1.53 0.00	30.28 1.50 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.78 2.32 0.00	38.74 1.84 0.00	32.74 1.59 0.00	31.97 1.52 0.00	33.06 1.60 0.00	32.21 1.50 0.00	32.87 1.54 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.27 2.98 0.00	44.01 2.37 0.00	41.14 2.11 0.00	34.48 1.70 0.00	29.77 1.71 0.00	27.33 1.57 0.00

LUTHERNY_35_KV_BK2 355980	29.08 1.65 0.00	27.12 1.58 0.00	26.93 1.57 0.00	26.58 1.53 0.00	27.12 1.53 0.00	30.28 1.50 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.78 2.32 0.00	38.74 1.84 0.00	32.77 1.62 0.00	32.00 1.55 0.00	33.06 1.60 0.00	32.21 1.50 0.00	32.87 1.54 0.00	34.93 1.82 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.27 2.98 0.00	44.05 2.41 0.00	41.14 2.11 0.00	34.51 1.74 0.00	29.79 1.74 0.00	27.33 1.57 0.00
LWR___OSWEGATCHIE_HYD 23850	28.26 0.82 0.00	26.33 0.79 0.00	26.02 0.66 0.00	25.80 0.75 0.00	26.32 0.74 0.00	29.94 1.09 -0.06	42.05 2.06 -0.40	53.81 3.21 -0.48	43.70 2.24 0.00	38.29 1.40 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.21 0.75 0.00	31.50 0.80 0.00	31.99 0.66 0.00	33.78 0.66 0.00	36.66 0.86 0.00	44.65 1.55 0.00	52.15 2.67 2.80	42.66 1.71 0.68	40.36 1.33 0.00	33.82 1.05 0.00	28.62 0.56 0.00	26.09 0.33 0.00
LYONS_FALL_HYD 23570	27.93 0.49 0.00	26.02 0.48 0.00	25.76 0.40 0.00	25.50 0.45 0.00	26.04 0.46 0.00	29.51 0.69 -0.04	41.08 1.23 -0.27	52.55 2.10 -0.32	42.99 1.53 0.00	37.92 1.03 0.00	31.74 0.59 0.00	30.91 0.46 0.00	32.05 0.60 0.00	31.32 0.61 0.00	31.90 0.56 0.00	33.71 0.60 0.00	36.55 0.75 0.00	44.35 1.25 0.00	53.87 1.99 0.40	42.83 1.29 0.10	39.97 0.94 0.00	33.59 0.82 0.00	28.59 0.53 0.00	26.14 0.39 0.00
MADISON___COUNTY_LFGE 323628	27.96 0.52 0.00	25.97 0.43 0.00	25.77 0.41 0.00	25.48 0.43 0.00	26.04 0.46 0.00	29.51 0.69 -0.04	40.99 1.15 -0.26	52.38 1.95 -0.30	42.99 1.53 0.00	38.04 1.14 0.00	31.90 0.75 0.00	31.12 0.67 0.00	32.24 0.79 0.00	31.50 0.80 0.00	32.12 0.78 0.00	33.94 0.83 0.00	36.73 0.93 0.00	44.43 1.34 0.01	53.94 1.88 0.23	42.97 1.33 0.00	40.04 1.01 0.00	33.69 0.92 0.00	28.76 0.70 0.00	26.32 0.57 0.00
MALONE___115KV_TB1 356076	28.18 0.74 0.00	26.33 0.79 0.00	26.05 0.68 0.00	25.78 0.73 0.00	26.30 0.72 0.00	29.55 0.75 -0.02	41.11 1.39 -0.14	51.90 1.60 -0.17	42.62 1.16 0.00	37.74 0.85 0.00	31.83 0.69 0.00	31.09 0.64 0.00	32.08 0.63 0.00	31.38 0.68 0.00	31.93 0.60 0.00	33.54 0.43 0.00	36.19 0.39 0.00	43.53 0.43 0.00	44.88 0.73 8.14	39.94 0.29 1.98	39.50 0.47 0.00	33.00 0.23 0.00	27.97 -0.08 0.00	25.52 -0.23 0.00
MAPLEWOD_115KV_TB3 80458	28.59 1.15 0.00	26.61 1.07 0.00	26.45 1.09 0.00	26.10 1.05 0.00	26.63 1.05 0.00	29.91 1.12 0.00	41.13 1.54 0.00	52.33 2.21 0.00	43.28 1.82 0.00	38.33 1.44 0.00	32.43 1.28 0.00	31.67 1.22 0.00	32.71 1.26 0.00	31.90 1.20 0.00	32.59 1.25 0.00	34.60 1.49 0.00	37.45 1.65 0.00	45.13 2.03 0.00	54.75 2.46 0.00	43.63 2.00 0.00	40.83 1.80 0.00	34.25 1.47 0.00	29.32 1.26 0.00	26.92 1.16 0.00
MAPLE_RIDGE_WT_1 323574	26.69 -0.74 0.00	24.80 -0.74 0.00	24.60 -0.76 0.00	24.27 -0.78 0.00	24.76 -0.82 0.00	27.81 -0.98 0.00	38.24 -1.35 0.00	48.32 -1.80 0.00	39.92 -1.53 0.00	35.64 -1.25 0.00	30.18 -0.97 0.00	29.60 -0.85 0.00	30.57 -0.88 0.00	29.84 -0.86 0.00	30.39 -0.94 0.00	31.99 -1.13 0.00	34.48 -1.32 0.00	41.33 -1.77 0.00	34.56 -2.25 15.48	0.00 -1.79 39.84	0.00 -1.60 37.43	0.00 -1.35 31.43	0.00 -1.18 26.88	0.00 -1.11 24.65
MAPLE_RIDGE_WT_2 323611	26.69 -0.74 0.00	24.80 -0.74 0.00	24.60 -0.76 0.00	24.27 -0.78 0.00	24.76 -0.82 0.00	27.81 -0.98 0.00	38.24 -1.35 0.00	48.32 -1.80 0.00	39.92 -1.53 0.00	35.64 -1.25 0.00	30.18 -0.97 0.00	29.60 -0.85 0.00	30.57 -0.88 0.00	29.84 -0.86 0.00	30.39 -0.94 0.00	31.99 -1.13 0.00	34.48 -1.32 0.00	41.33 -1.77 0.00	34.56 -2.25 15.48	0.00 -1.79 39.84	0.00 -1.60 37.43	0.00 -1.35 31.43	0.00 -1.18 26.88	0.00 -1.11 24.65
MARBLE_RIVER_WT_PWR 323696	27.74 0.30 0.00	25.94 0.41 0.00	25.72 0.35 0.00	25.40 0.35 0.00	25.91 0.33 0.00	28.90 0.12 0.00	39.90 0.32 0.00	49.98 -0.15 0.00	41.12 -0.33 0.00	36.93 0.04 0.00	31.24 0.09 0.00	30.63 0.18 0.00	31.58 0.13 0.00	30.86 0.15 0.00	31.39 0.06 0.00	33.01 -0.10 0.00	35.55 -0.25 0.00	42.46 -0.65 0.00	41.32 -1.00 9.97	38.29 -0.92 2.43	38.64 -0.39 0.00	32.31 -0.46 0.00	27.44 -0.62 0.00	25.06 -0.69 0.00
MARSHVLE_115KV_TB1 80742	29.85 2.41 0.00	27.84 2.30 0.00	27.64 2.28 0.00	27.30 2.25 0.00	27.88 2.30 0.00	31.52 2.73 0.00	43.62 4.04 0.00	55.54 5.41 0.00	45.40 3.94 0.00	39.77 2.88 0.00	33.17 2.02 0.00	32.31 1.86 0.00	33.56 2.11 0.00	32.85 2.15 0.00	33.62 2.29 0.00	36.26 3.15 0.00	39.06 3.26 0.00	47.37 4.27 0.00	57.62 5.33 0.00	45.88 4.25 0.00	42.82 3.79 0.00	35.98 3.21 0.00	30.72 2.67 0.00	28.10 2.34 0.00
MARSH_HILL_WT_PWR 323713	26.12 -1.32 0.00	24.31 -1.23 0.00	24.12 -1.24 0.00	23.90 -1.15 0.00	24.53 -1.05 0.00	28.03 -0.78 -0.02	38.70 -1.03 -0.15	47.04 -0.55 2.53	40.76 -0.50 0.21	36.28 -0.59 0.02	30.84 -0.31 0.00	29.96 -0.49 0.00	30.95 -0.50 0.00	30.33 -0.37 0.00	30.83 -0.50 0.00	32.44 -0.46 0.21	32.12 -0.57 3.11	28.34 -0.60 14.16	26.55 -0.73 25.01	34.54 -0.71 6.38	18.17 -0.74 20.12	24.31 -0.62 7.84	27.38 -0.62 0.05	24.96 -0.75 0.05
MCINTYRE_115KV_TB2 80467	29.49 2.06 0.00	27.50 1.97 0.00	27.11 1.75 0.00	26.93 1.88 0.00	27.45 1.87 0.00	31.36 2.53 -0.05	44.31 4.39 -0.33	57.03 6.52 -0.39	46.06 4.60 0.00	39.92 3.03 0.00	33.02 1.87 0.00	32.00 1.55 0.00	33.22 1.76 0.00	32.51 1.81 0.00	32.99 1.66 0.00	34.87 1.76 0.00	37.95 2.15 0.00	46.64 3.53 0.00	53.67 5.70 4.31	44.41 3.83 1.05	42.19 3.16 0.00	35.36 2.59 0.00	29.74 1.68 0.00	26.99 1.24 0.00
MECO_____69_KV_BK1 80468	29.88 2.44 0.00	27.89 2.35 0.00	27.69 2.33 0.00	27.35 2.30 0.00	27.93 2.35 0.00	31.55 2.76 0.00	43.66 4.08 0.00	55.39 5.26 0.00	45.44 3.98 0.00	39.92 3.03 0.00	33.42 2.27 0.00	32.58 2.13 0.00	33.81 2.36 0.00	33.00 2.30 0.00	33.74 2.41 0.00	36.26 3.15 0.00	39.13 3.33 0.00	47.45 4.35 0.00	57.67 5.39 0.00	45.96 4.33 0.00	42.89 3.86 0.00	35.95 3.18 0.00	30.69 2.64 0.00	28.07 2.32 0.00
MENANDS___115KV_TB5 355628	28.45 1.02 0.00	26.51 0.97 0.00	26.35 0.99 0.00	25.98 0.93 0.00	26.53 0.95 0.00	29.76 0.98 0.00	40.97 1.39 0.00	52.08 1.95 0.00	43.07 1.62 0.00	38.18 1.29 0.00	32.30 1.15 0.00	31.55 1.10 0.00	32.59 1.13 0.00	31.78 1.07 0.00	32.46 1.13 0.00	34.47 1.36 0.00	37.30 1.50 0.00	44.95 1.85 0.00	54.54 2.25 0.00	43.42 1.79 0.00	40.63 1.60 0.00	34.08 1.31 0.00	29.21 1.15 0.00	26.81 1.06 0.00
MG INDUSTRY___DRP 24185	28.37 0.93 0.00	26.46 0.92 0.00	26.30 0.94 0.00	25.95 0.90 0.00	26.48 0.90 0.00	29.71 0.92 0.00	40.85 1.27 0.00	51.88 1.75 0.00	42.87 1.41 0.00	37.93 1.03 0.00	31.99 0.84 0.00	31.24 0.79 0.00	32.24 0.79 0.00	31.44 0.74 0.00	32.15 0.81 0.00	34.17 1.06 0.00	37.02 1.22 0.00	44.70 1.59 0.00	54.17 1.88 0.00	43.17 1.54 0.00	40.43 1.41 0.00	33.92 1.15 0.00	29.06 1.01 0.00	26.68 0.93 0.00

MID___OSWEGATCHIE_HYD 23849	28.26 0.82 0.00	26.33 0.79 0.00	26.02 0.66 0.00	25.80 0.75 0.00	26.32 0.74 0.00	29.94 1.09 -0.06	42.05 2.06 -0.40	53.81 3.21 -0.48	43.70 2.24 0.00	38.29 1.40 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.21 0.75 0.00	31.50 0.80 0.00	31.99 0.66 0.00	33.78 0.66 0.00	36.66 0.86 0.00	44.65 1.55 0.00	52.15 2.67 2.80	42.66 1.71 0.68	40.36 1.33 0.00	33.82 1.05 0.00	28.62 0.56 0.00	26.09 0.33 0.00
MID___RAQUETTE_HYD 23851	28.70 1.26 0.00	26.76 1.23 0.00	26.43 1.07 0.00	26.20 1.15 0.00	26.73 1.15 0.00	30.39 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.44 2.98 0.00	38.85 1.96 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.17 2.07 0.00	51.43 3.45 4.31	42.79 2.21 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.52 0.00
MILLIKEN___1 23584	27.57 0.14 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.68 0.10 0.00	29.21 0.37 -0.05	40.56 0.59 -0.38	58.42 2.46 -5.83	43.78 1.87 -0.46	38.26 1.33 -0.04	32.08 0.93 0.00	31.30 0.85 0.00	32.40 0.94 0.00	31.65 0.95 0.00	32.30 0.97 0.00	34.78 1.19 -0.48	44.08 1.36 -6.91	76.55 1.94 -31.51	108.23 2.46 -53.48	58.55 2.04 -14.87	85.53 1.68 -44.83	51.59 1.38 -17.45	29.27 1.09 -0.12	26.72 0.85 -0.12
MILLIKEN___2 23585	27.57 0.14 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.68 0.10 0.00	29.21 0.37 -0.05	40.56 0.59 -0.38	58.42 2.46 -5.83	43.78 1.87 -0.46	38.26 1.33 -0.04	32.08 0.93 0.00	31.30 0.85 0.00	32.40 0.94 0.00	31.65 0.95 0.00	32.30 0.97 0.00	34.78 1.19 -0.48	44.08 1.36 -6.91	76.55 1.94 -31.51	108.23 2.46 -53.48	58.55 2.04 -14.87	85.53 1.68 -44.83	51.59 1.38 -17.45	29.27 1.09 -0.12	26.72 0.85 -0.12
MILLIKEN___DIESEL 23629	27.57 0.14 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.68 0.10 0.00	29.21 0.37 -0.05	40.56 0.59 -0.38	58.42 2.46 -5.83	43.78 1.87 -0.46	38.26 1.33 -0.04	32.08 0.93 0.00	31.30 0.85 0.00	32.40 0.94 0.00	31.65 0.95 0.00	32.30 0.97 0.00	34.78 1.19 -0.48	44.08 1.36 -6.91	76.55 1.94 -31.51	108.23 2.46 -53.48	58.55 2.04 -14.87	85.53 1.68 -44.83	51.59 1.38 -17.45	29.27 1.09 -0.12	26.72 0.85 -0.12
MILLSEAT___LFGE 323607	25.60 -1.84 0.00	23.95 -1.58 0.00	23.71 -1.65 0.00	23.47 -1.58 0.00	24.07 -1.51 0.00	27.55 -1.24 0.00	37.73 -1.86 0.00	46.67 -2.46 1.00	39.38 -1.99 0.09	35.26 -1.62 0.01	30.03 -1.12 0.00	29.14 -1.31 0.00	30.07 -1.38 0.00	29.54 -1.17 0.00	30.05 -1.29 0.00	31.30 -1.72 0.09	32.94 -1.72 1.14	35.71 -2.15 5.24	39.51 -2.72 10.06	36.74 -2.37 2.52	29.66 -1.99 7.38	28.33 -1.57 2.87	26.55 -1.49 0.02	24.37 -1.37 0.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.97 1.54 0.00	26.97 1.43 0.00	26.76 1.39 0.00	26.35 1.30 0.00	26.91 1.33 0.00	30.17 1.38 0.00	41.37 1.78 0.00	52.83 2.71 0.00	43.78 2.32 0.00	38.92 2.03 0.00	32.92 1.78 0.00	32.18 1.74 0.00	33.25 1.79 0.00	32.48 1.78 0.00	33.18 1.85 0.00	35.20 2.09 0.00	38.09 2.29 0.00	45.82 2.72 0.00	55.63 3.35 0.00	44.26 2.62 0.00	41.45 2.42 0.00	34.80 2.03 0.00	29.85 1.80 0.00	27.48 1.73 0.00
MILLWOOD_13_KV_LOAD 356217	29.05 1.62 0.00	27.04 1.51 0.00	26.81 1.45 0.00	26.43 1.38 0.00	26.99 1.41 0.00	30.25 1.47 0.00	41.45 1.86 0.00	52.98 2.86 0.00	43.90 2.45 0.00	39.07 2.18 0.00	33.02 1.87 0.00	32.28 1.83 0.00	33.37 1.92 0.00	32.57 1.87 0.00	33.27 1.94 0.00	35.33 2.22 0.00	38.20 2.40 0.00	45.99 2.89 0.00	55.84 3.56 0.00	44.38 2.75 0.00	41.57 2.54 0.00	34.90 2.13 0.00	29.91 1.85 0.00	27.51 1.75 0.00
MODEL_CITY_ENERGY 24167	24.88 -2.55 0.00	23.32 -2.22 0.00	23.13 -2.23 0.00	22.87 -2.18 0.00	23.43 -2.15 0.00	26.80 -1.99 0.00	36.66 -2.93 0.00	45.12 -3.91 1.10	38.04 -3.32 0.10	34.12 -2.77 0.01	29.15 -1.99 0.00	28.29 -2.16 0.00	29.22 -2.23 0.00	28.71 -2.00 0.00	29.17 -2.16 0.00	30.47 -2.55 0.10	31.98 -2.61 1.21	34.25 -3.28 5.57	37.50 -4.18 10.60	35.29 -3.50 2.84	28.27 -2.93 7.83	27.34 -2.39 3.04	25.82 -2.22 0.02	23.75 -1.98 0.02
MODERN_LFGE___ 323580	24.88 -2.55 0.00	23.32 -2.22 0.00	23.13 -2.23 0.00	22.87 -2.18 0.00	23.43 -2.15 0.00	26.80 -1.99 0.00	36.66 -2.93 0.00	45.12 -3.91 1.10	38.04 -3.32 0.10	34.12 -2.77 0.01	29.15 -1.99 0.00	28.29 -2.16 0.00	29.22 -2.23 0.00	28.71 -2.00 0.00	29.17 -2.16 0.00	30.47 -2.55 0.10	31.98 -2.61 1.21	34.25 -3.28 5.57	37.50 -4.18 10.60	35.29 -3.50 2.84	28.27 -2.93 7.83	27.34 -2.39 3.04	25.82 -2.22 0.02	23.75 -1.98 0.02
MOHAWK_PAPER___DRP 24187	28.59 1.15 0.00	26.61 1.07 0.00	26.45 1.09 0.00	26.10 1.05 0.00	26.63 1.05 0.00	29.91 1.12 0.00	41.13 1.54 0.00	52.33 2.21 0.00	43.28 1.82 0.00	38.33 1.44 0.00	32.43 1.28 0.00	31.67 1.22 0.00	32.71 1.26 0.00	31.90 1.20 0.00	32.59 1.25 0.00	34.60 1.49 0.00	37.45 1.65 0.00	45.13 2.03 0.00	54.75 2.46 0.00	43.63 2.00 0.00	40.83 1.80 0.00	34.25 1.47 0.00	29.32 1.26 0.00	26.92 1.16 0.00
MOHICAN___35_KV_115KV_LD 80490	29.44 2.00 0.00	27.48 1.94 0.00	27.26 1.90 0.00	26.90 1.85 0.00	27.45 1.87 0.00	30.34 1.55 0.00	41.88 2.30 0.00	53.18 3.06 0.00	43.90 2.45 0.00	38.81 1.92 0.00	32.80 1.65 0.00	32.03 1.58 0.00	33.12 1.67 0.00	32.18 1.47 0.00	32.84 1.50 0.00	34.90 1.79 0.00	37.70 1.90 0.00	45.47 2.37 0.00	55.16 2.88 0.00	43.96 2.33 0.00	40.98 1.95 0.00	34.31 1.54 0.00	30.07 2.02 0.00	27.56 1.80 0.00
MONGAUP___HYD 23641	29.05 1.62 0.00	26.94 1.40 0.00	26.81 1.44 0.00	26.45 1.40 0.00	27.01 1.43 0.00	30.31 1.52 0.00	41.92 2.33 0.00	53.63 3.51 0.00	44.19 2.74 0.00	39.03 2.14 0.00	32.74 1.59 0.00	31.91 1.46 0.00	33.06 1.60 0.00	32.21 1.50 0.00	33.09 1.75 0.00	35.13 2.02 0.00	38.16 2.36 0.00	46.21 3.11 0.00	56.26 3.97 0.00	44.63 3.00 0.00	41.76 2.73 0.00	35.00 2.23 0.00	29.88 1.82 0.00	27.56 1.80 0.00
MONTAUK___DIESEL 23721	30.95 3.51 -0.01	28.68 3.14 0.00	28.35 2.99 0.00	27.98 2.93 0.00	28.50 2.92 0.00	32.10 3.31 0.00	42.40 2.81 0.00	53.58 3.46 0.00	44.48 3.03 0.00	39.40 2.51 0.00	33.98 2.83 0.00	33.31 2.86 0.00	33.75 2.30 0.00	33.16 2.46 0.00	33.65 2.32 0.00	35.50 2.38 0.00	38.41 2.61 0.00	46.33 3.23 0.00	56.11 3.82 0.00	44.63 3.00 0.00	41.41 2.38 0.00	35.26 2.49 0.00	30.66 2.61 0.00	28.21 2.45 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.54 -1.89 0.00	23.70 -1.84 0.00	23.53 -1.83 0.00	23.25 -1.80 0.00	23.87 -1.71 0.00	27.55 -1.24 0.00	37.53 -2.06 0.00	47.05 -2.01 1.07	39.37 -1.99 0.09	34.89 -1.99 0.01	29.53 -1.62 0.00	28.77 -1.67 0.00	29.76 -1.70 0.00	29.26 -1.44 0.00	29.70 -1.63 0.00	31.43 -1.59 0.09	32.45 -1.83 1.52	33.97 -2.24 6.89	36.76 -2.77 12.76	36.58 -2.37 2.68	27.09 -2.15 9.79	27.16 -1.80 3.81	26.37 -1.66 0.03	24.06 -1.67 0.03

MORRIS_RIDGE___SOLAR 323848	25.93 -1.51 0.00	24.18 -1.35 0.00	23.99 -1.37 0.00	23.72 -1.33 0.00	24.33 -1.25 0.00	27.78 -1.01 0.00	38.12 -1.46 0.00	47.24 -1.25 1.63	40.20 -1.12 0.14	35.74 -1.14 0.01	30.40 -0.75 0.00	29.51 -0.94 0.00	30.51 -0.94 0.00	29.87 -0.83 0.00	30.42 -0.91 0.00	32.01 -0.96 0.14	32.63 -1.11 2.06	32.48 -1.25 9.37	33.84 -1.57 16.88	36.20 -1.33 4.10	24.47 -1.25 13.31	26.53 -1.05 5.19	27.07 -0.95 0.04	24.72 -1.00 0.04
MORTIMER_115KV_TB3 55949	26.06 -1.37 0.00	24.21 -1.33 0.00	24.02 -1.34 0.00	23.77 -1.28 0.00	24.33 -1.25 0.00	27.83 -0.95 0.00	38.12 -1.46 0.00	46.91 -2.41 0.81	39.36 -2.03 0.06	35.63 -1.25 0.01	29.97 -1.18 0.00	29.41 -1.04 0.00	30.35 -1.10 0.00	29.72 -0.98 0.00	30.27 -1.07 0.00	31.53 -1.52 0.06	33.16 -1.72 0.92	36.78 -2.07 4.25	41.29 -2.56 8.43	37.47 -2.16 2.00	31.09 -1.95 5.98	28.84 -1.61 2.33	26.72 -1.32 0.02	24.58 -1.16 0.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.66 1.91 0.00
MUNSVILLE_WIND_PWR 323609	28.72 1.29 0.00	26.69 1.15 0.00	26.35 0.99 0.00	26.10 1.05 0.00	26.63 1.05 0.00	30.38 1.55 -0.04	42.40 2.54 -0.27	57.89 5.12 -2.65	45.47 3.81 -0.20	39.68 2.77 -0.02	33.05 1.90 0.00	32.09 1.64 0.00	33.34 1.89 0.00	32.64 1.94 0.00	33.21 1.88 0.00	35.54 2.22 -0.21	41.36 2.54 -3.02	60.42 3.58 -13.74	80.31 4.86 -23.16	51.60 3.45 -6.51	61.36 2.77 -19.56	42.77 2.39 -7.61	29.96 1.85 -0.05	27.25 1.44 -0.05
N SALMON___HYD 24042	28.12 0.69 0.00	26.33 0.79 0.00	26.05 0.68 0.00	25.78 0.73 0.00	26.30 0.72 0.00	29.55 0.75 -0.02	41.11 1.38 -0.14	51.90 1.60 -0.17	42.41 0.95 0.00	37.78 0.88 0.00	31.83 0.68 0.00	31.09 0.64 0.00	32.08 0.63 0.00	31.38 0.67 0.00	31.93 0.59 0.00	33.54 0.43 0.00	36.20 0.39 0.00	43.62 0.52 0.00	44.88 0.73 8.14	39.95 0.29 1.98	39.54 0.51 0.00	33.00 0.23 0.00	27.97 -0.08 0.00	25.52 -0.23 0.00
N.AKRON__115KV_KNAPP 355671	25.65 -1.78 0.00	23.85 -1.69 0.00	23.66 -1.70 0.00	23.40 -1.65 0.00	23.97 -1.61 0.00	27.63 -1.15 0.00	37.72 -1.86 0.00	46.66 -2.46 1.01	39.05 -2.32 0.09	35.26 -1.62 0.01	29.75 -1.40 0.00	29.14 -1.31 0.00	30.07 -1.38 0.00	29.54 -1.17 0.00	30.02 -1.32 0.00	31.34 -1.69 0.09	32.93 -1.72 1.15	35.66 -2.16 5.29	39.38 -2.77 10.13	36.67 -2.41 2.55	29.63 -1.95 7.45	28.30 -1.57 2.90	26.55 -1.49 0.02	24.37 -1.37 0.02
N.BELMOR_69_KV_BK1 55787	29.72 2.28 -0.01	27.63 2.09 0.00	27.39 2.03 0.00	27.00 1.95 0.00	27.55 1.97 0.00	30.91 2.13 0.00	41.29 1.70 0.00	52.43 2.31 0.00	43.57 2.11 0.00	38.81 1.92 0.00	33.33 2.18 0.00	32.76 2.31 0.00	33.47 2.01 0.00	32.85 2.15 0.00	33.40 2.07 0.00	35.13 2.02 0.00	38.02 2.22 0.00	45.82 2.72 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.45 2.42 0.00	35.29 2.52 0.00	30.64 2.58 0.00	28.22 2.45 -0.01
N.E_GEN_SANDY PD 24062	30.49 1.34 -1.71	29.60 1.18 -2.89	31.88 1.22 -5.30	31.40 1.18 -5.17	34.47 1.18 -7.71	36.70 1.24 -6.68	50.10 1.78 -8.73	63.00 2.60 -10.27	50.21 2.15 -6.60	38.70 1.81 0.00	32.71 1.56 0.00	31.97 1.52 0.00	33.03 1.57 0.00	32.21 1.50 0.00	32.90 1.57 0.00	34.97 1.85 0.00	40.40 2.08 -2.52	54.50 2.50 -8.90	60.24 3.03 -4.92	51.30 2.37 -7.30	45.50 2.22 -4.25	41.43 1.83 -6.82	33.60 1.63 -3.92	29.90 1.52 -2.62
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.81 1.37 0.00	26.79 1.25 0.00	26.58 1.22 0.00	26.20 1.15 0.00	26.76 1.18 0.00	30.05 1.27 0.00	41.17 1.58 0.00	52.63 2.51 0.00	43.57 2.11 0.00	38.70 1.81 0.00	32.71 1.56 0.00	31.91 1.46 0.00	33.00 1.54 0.00	32.21 1.50 0.00	32.93 1.60 0.00	34.93 1.82 0.00	37.84 2.04 0.00	45.64 2.54 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.25 2.22 0.00	34.61 1.84 0.00	29.65 1.60 0.00	27.33 1.57 0.00
N.QUEENS_27_KV_LOAD 356247	29.31 1.87 -0.01	27.28 1.74 -0.01	27.07 1.70 -0.01	26.66 1.60 -0.01	27.20 1.61 -0.01	30.45 1.67 0.00	41.21 1.62 0.00	52.48 2.36 0.00	43.61 2.16 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.34 1.89 0.00	33.44 1.98 0.00	32.64 1.93 0.00	33.34 2.01 0.00	35.43 2.32 0.00	38.24 2.43 0.00	45.73 2.63 0.00	55.37 3.08 0.00	44.09 2.46 0.00	41.41 2.38 0.00	34.80 2.03 0.00	30.16 2.10 0.00	27.85 2.09 -0.01
N.TROY___115KV_TB1 355778	28.75 1.32 0.00	26.79 1.25 0.00	26.60 1.24 0.00	26.25 1.20 0.00	26.81 1.23 0.00	30.05 1.27 0.00	41.37 1.78 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.52 1.62 0.00	32.58 1.43 0.00	31.82 1.37 0.00	32.87 1.42 0.00	32.05 1.35 0.00	32.71 1.38 0.00	34.74 1.62 0.00	37.63 1.83 0.00	45.34 2.24 0.00	55.01 2.72 0.00	43.80 2.16 0.00	40.98 1.95 0.00	34.38 1.61 0.00	29.51 1.46 0.00	27.12 1.37 0.00
NARROWS_GT1_1 24228	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT1_2 24229	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT1_3 24230	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT1_4 24231	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01

NARROWS_GT1_5 24232	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT1_6 24233	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT1_7 24234	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT1_8 24235	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_1 24236	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_2 24237	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_3 24238	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_4 24239	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_5 24240	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_6 24241	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_7 24242	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NARROWS_GT2_8 24243	29.31 1.87 -0.01	27.10 1.56 -0.01	26.99 1.62 -0.01	26.61 1.55 -0.01	27.15 1.56 -0.01	30.31 1.52 0.00	41.52 1.94 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.33 2.43 0.00	33.14 2.00 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.76 2.65 0.00	38.63 2.83 0.00	45.99 2.89 0.00	55.74 3.45 0.00	44.34 2.70 0.00	41.80 2.77 0.00	35.23 2.46 0.00	30.41 2.36 0.00	27.95 2.19 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.78 1.34 0.00	26.84 1.30 0.00	26.68 1.32 0.00	26.33 1.28 0.00	26.89 1.30 0.00	30.20 1.41 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.65 2.20 0.00	38.37 1.48 0.00	32.24 1.09 0.00	31.33 0.88 0.00	32.37 0.91 0.00	31.50 0.80 0.00	32.30 0.97 0.00	34.37 1.26 0.00	37.34 1.54 0.00	45.26 2.16 0.00	55.01 2.72 0.00	43.71 2.08 0.00	40.90 1.87 0.00	34.28 1.51 0.00	29.26 1.21 0.00	26.94 1.18 0.00
NCHELSEA_115KV_TR2 355582	29.05 1.62 0.00	27.02 1.48 0.00	26.83 1.47 0.00	26.45 1.40 0.00	27.01 1.43 0.00	30.31 1.53 0.00	41.60 2.02 0.00	53.13 3.01 0.00	44.03 2.57 0.00	39.07 2.18 0.00	32.92 1.78 0.00	32.09 1.64 0.00	33.22 1.76 0.00	32.39 1.69 0.00	33.18 1.85 0.00	35.17 2.05 0.00	38.13 2.33 0.00	45.99 2.89 0.00	55.84 3.56 0.00	44.34 2.71 0.00	41.53 2.50 0.00	34.87 2.10 0.00	29.79 1.74 0.00	27.48 1.73 0.00
NEG CAPITAL___MECHNVIL 23645	29.02 1.59 0.00	27.04 1.51 0.00	26.86 1.50 0.00	26.53 1.48 0.00	27.06 1.48 0.00	30.25 1.47 0.00	41.80 2.22 0.00	53.08 2.96 0.00	43.86 2.40 0.00	38.85 1.95 0.00	32.83 1.68 0.00	32.09 1.64 0.00	33.15 1.70 0.00	32.30 1.60 0.00	32.96 1.63 0.00	35.03 1.92 0.00	37.91 2.11 0.00	45.73 2.63 0.00	55.48 3.19 0.00	44.17 2.54 0.00	41.29 2.26 0.00	34.61 1.83 0.00	29.62 1.57 0.00	27.35 1.60 0.00

NEG CENTRAL_HIGH_ACRES 23767	25.73 -1.70 0.00	23.98 -1.56 0.00	23.79 -1.57 0.00	23.52 -1.53 0.00	24.10 -1.48 0.00	27.40 -1.38 0.00	37.61 -1.98 0.00	46.44 -2.96 0.73	39.20 -2.20 0.06	35.15 -1.73 0.01	29.72 -1.43 0.00	29.02 -1.43 0.00	29.94 -1.51 0.00	29.29 -1.41 0.00	29.86 -1.47 0.00	31.10 -1.95 0.06	32.83 -2.15 0.83	36.71 -2.58 3.81	41.58 -3.19 7.51	37.25 -2.58 1.80	31.21 -2.46 5.37	28.68 -2.00 2.09	26.39 -1.66 0.01	24.20 -1.54 0.01
NEG CENTRAL___DRP 24199	26.75 -0.69 0.00	24.85 -0.69 0.00	24.65 -0.71 0.00	24.37 -0.68 0.00	24.97 -0.61 0.00	28.49 -0.37 -0.08	39.65 -0.48 -0.54	49.08 -0.65 0.39	40.88 -0.50 0.08	36.48 -0.41 0.01	30.68 -0.47 0.00	30.02 -0.43 0.00	31.01 -0.44 0.00	30.30 -0.40 0.00	30.89 -0.44 0.00	32.47 -0.56 0.08	34.00 -0.61 1.19	37.01 -0.65 5.44	41.90 -0.73 9.66	38.54 -0.54 2.55	30.68 -0.62 7.72	29.24 -0.52 3.01	27.56 -0.48 0.02	25.20 -0.54 0.02
NEG CENTRAL___INDECK 23768	26.69 -0.74 0.00	24.87 -0.66 0.00	24.62 -0.74 0.00	24.37 -0.68 0.00	25.02 -0.56 0.00	28.58 -0.20 0.00	39.39 -0.20 0.00	48.46 -0.05 1.62	41.24 -0.08 0.13	36.70 -0.18 0.01	31.02 -0.12 0.00	30.12 -0.33 0.00	31.04 -0.41 0.00	30.39 -0.31 0.00	31.02 -0.31 0.00	32.42 -0.56 0.13	33.36 -0.50 1.94	33.83 -0.43 8.84	35.92 -0.31 16.06	37.23 -0.33 4.07	26.10 -0.39 12.54	27.62 -0.26 4.88	27.71 -0.31 0.03	25.29 -0.44 0.03
NEG CENTRAL___SENECA 23627	26.75 -0.69 0.00	24.82 -0.72 0.00	24.62 -0.74 0.00	24.35 -0.70 0.00	24.97 -0.61 0.00	28.54 -0.29 -0.04	39.51 -0.36 -0.28	48.56 -0.30 1.27	41.17 -0.17 0.12	36.73 -0.15 0.01	30.87 -0.28 0.00	30.21 -0.24 0.00	31.17 -0.28 0.00	30.52 -0.18 0.00	31.08 -0.25 0.00	32.66 -0.33 0.13	33.63 -0.36 1.82	34.55 -0.26 8.30	37.10 -0.31 14.87	37.54 -0.21 3.89	26.95 -0.31 11.76	27.90 -0.29 4.58	27.72 -0.31 0.03	25.34 -0.39 0.03
NEG CENTRAL___STATE_STREET 24147	26.86 -0.58 0.00	24.95 -0.59 0.00	24.78 -0.58 0.00	24.50 -0.55 0.00	25.07 -0.51 0.00	28.52 -0.37 -0.11	39.92 -0.44 -0.77	49.74 -0.85 -0.47	40.76 -0.66 0.04	36.37 -0.52 0.00	30.62 -0.53 0.00	29.99 -0.46 0.00	30.95 -0.50 0.00	30.24 -0.46 0.00	30.83 -0.50 0.00	32.41 -0.66 0.04	34.51 -0.75 0.54	39.79 -0.86 2.45	47.10 -0.99 4.20	39.77 -0.71 1.15	34.80 -0.74 3.49	30.79 -0.62 1.36	27.48 -0.56 0.01	25.15 -0.59 0.01
NEG MILLWOOD___DRP 24198	29.16 1.73 0.00	27.20 1.66 0.00	26.98 1.62 0.00	26.63 1.58 0.00	27.17 1.59 0.00	30.45 1.67 0.00	41.80 2.22 0.00	53.38 3.26 0.00	44.32 2.86 0.00	39.44 2.55 0.00	33.20 2.06 0.00	32.40 1.95 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.46 2.13 0.00	35.50 2.38 0.00	38.45 2.65 0.00	46.33 3.23 0.00	56.31 4.03 0.00	44.63 3.00 0.00	41.80 2.77 0.00	35.10 2.33 0.00	29.99 1.94 0.00	27.59 1.83 0.00
NEG NORTH_FLCN_SEA 23793	28.31 0.88 0.00	26.46 0.92 0.00	26.20 0.84 0.00	25.90 0.85 0.00	26.45 0.87 0.00	29.22 0.43 0.00	40.42 0.83 0.00	50.28 0.15 0.00	41.91 0.46 0.00	37.26 0.37 0.00	31.58 0.44 0.00	30.94 0.49 0.00	31.89 0.44 0.00	31.16 0.46 0.00	31.71 0.38 0.00	33.31 0.20 0.00	35.84 0.04 0.00	42.46 -0.65 0.00	41.55 -0.89 9.85	38.65 -0.58 2.40	39.42 0.39 0.00	32.93 0.16 0.00	27.91 -0.14 0.00	25.50 -0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	27.76 0.33 0.00	25.92 0.38 0.00	25.69 0.33 0.00	25.40 0.35 0.00	25.91 0.33 0.00	28.96 0.17 0.00	39.98 0.40 0.00	50.18 0.05 0.00	41.50 0.04 0.00	36.93 0.04 0.00	31.24 0.09 0.00	30.63 0.18 0.00	31.58 0.13 0.00	30.86 0.15 0.00	31.39 0.06 0.00	33.01 -0.10 0.00	35.55 -0.25 0.00	42.50 -0.60 0.00	42.07 -0.78 9.43	38.55 -0.79 2.30	38.60 -0.43 0.00	32.28 -0.49 0.00	27.44 -0.62 0.00	25.04 -0.72 0.00
NEG NORTH___ALICE_FALLS 23915	28.34 0.91 0.00	26.48 0.94 0.00	26.22 0.86 0.00	25.93 0.88 0.00	26.48 0.90 0.00	29.39 0.60 0.00	40.69 1.11 0.00	50.73 0.60 0.00	42.16 0.70 0.00	37.45 0.55 0.00	31.71 0.56 0.00	31.09 0.64 0.00	32.02 0.57 0.00	31.29 0.58 0.00	31.86 0.53 0.00	33.48 0.36 0.00	36.02 0.21 0.00	42.89 -0.22 0.00	42.14 -0.37 9.78	38.96 -0.29 2.38	39.54 0.51 0.00	33.00 0.23 0.00	27.94 -0.11 0.00	25.52 -0.23 0.00
NEG NORTH___LWR_SARANAC 23913	28.34 0.91 0.00	26.48 0.94 0.00	26.22 0.86 0.00	25.93 0.88 0.00	26.48 0.90 0.00	29.39 0.60 0.00	40.69 1.11 0.00	50.73 0.60 0.00	42.16 0.70 0.00	37.45 0.55 0.00	31.71 0.56 0.00	31.09 0.64 0.00	32.02 0.57 0.00	31.29 0.58 0.00	31.86 0.53 0.00	33.48 0.36 0.00	36.02 0.21 0.00	42.89 -0.22 0.00	42.14 -0.37 9.78	38.96 -0.29 2.38	39.54 0.51 0.00	33.00 0.23 0.00	27.94 -0.11 0.00	25.52 -0.23 0.00
NEG NORTH___PLATTSBURG 23628	28.26 0.82 0.00	26.48 0.95 0.00	26.20 0.84 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.39 0.61 0.00	40.69 1.11 0.00	50.73 0.60 0.00	41.62 0.17 0.00	37.48 0.59 0.00	31.71 0.56 0.00	31.09 0.64 0.00	32.02 0.57 0.00	31.28 0.58 0.00	31.86 0.53 0.00	33.48 0.36 0.00	36.02 0.22 0.00	43.02 -0.09 0.00	42.14 -0.36 9.78	38.96 -0.29 2.38	39.54 0.51 0.00	33.00 0.23 0.00	27.94 -0.11 0.00	25.52 -0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	25.27 -2.17 0.00	23.49 -2.04 0.00	23.33 -2.03 0.00	23.07 -1.98 0.00	23.64 -1.94 0.00	27.23 -1.55 0.00	37.09 -2.49 0.00	45.67 -3.41 1.05	38.26 -3.11 0.09	34.60 -2.29 0.01	29.22 -1.93 0.00	28.65 -1.80 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.79 0.00	30.84 -2.19 0.09	32.30 -2.29 1.20	34.75 -2.84 5.51	38.08 -3.71 10.50	35.90 -3.12 2.61	28.68 -2.58 7.77	27.61 -2.13 3.03	26.15 -1.88 0.02	24.04 -1.70 0.02
NEG WEST___LANCASTR 23811	25.98 -1.45 0.00	24.18 -1.35 0.00	23.99 -1.37 0.00	23.72 -1.33 0.00	24.33 -1.25 0.00	28.04 -0.75 0.00	38.16 -1.43 0.00	49.16 -0.10 0.87	41.05 -0.33 0.07	35.59 -1.29 0.01	30.12 -1.03 0.00	29.41 -1.04 0.00	30.42 -1.04 0.00	29.87 -0.83 0.00	30.36 -0.97 0.00	32.94 -0.10 0.07	34.21 -0.14 1.44	36.47 -0.09 6.55	39.89 -0.21 12.19	39.21 -0.29 2.14	29.58 -0.16 9.29	28.99 -0.16 3.62	27.61 -0.42 0.02	24.98 -0.75 0.02
NEG_PENN_ALLEGHNY 23528	27.24 -0.19 0.00	25.36 -0.18 0.00	25.16 -0.20 0.00	24.88 -0.17 0.00	25.45 -0.13 0.00	28.89 0.06 -0.04	40.00 0.12 -0.30	51.54 1.40 -0.01	42.49 1.04 0.00	37.59 0.70 0.00	31.74 0.59 0.00	30.93 0.49 0.00	31.96 0.50 0.00	31.25 0.55 0.00	31.90 0.56 0.00	33.78 0.66 0.00	36.52 0.72 0.00	44.14 1.03 -0.01	53.19 1.31 0.41	42.78 1.08 -0.07	39.95 0.90 -0.02	33.50 0.72 -0.01	28.62 0.56 0.00	26.17 0.41 0.00
NEG___GEN_MONROE 24207	26.04 -1.40 0.00	24.21 -1.33 0.00	24.02 -1.34 0.00	23.75 -1.30 0.00	24.35 -1.23 0.00	27.89 -0.89 0.00	38.08 -1.50 0.00	46.85 -2.46 0.82	39.32 -2.07 0.06	35.63 -1.25 0.01	30.00 -1.15 0.00	29.41 -1.04 0.00	30.32 -1.13 0.00	29.66 -1.04 0.00	30.24 -1.10 0.00	31.49 -1.56 0.06	33.15 -1.72 0.93	36.69 -2.11 4.30	41.21 -2.56 8.52	37.46 -2.16 2.00	31.06 -1.91 6.06	28.87 -1.54 2.36	26.78 -1.26 0.02	24.63 -1.11 0.02

NEPA__ENERGY 23901	25.82 -1.62 0.00	24.03 -1.51 0.00	23.84 -1.52 0.00	23.55 -1.50 0.00	24.15 -1.43 0.00	27.86 -0.92 0.00	37.88 -1.70 0.00	47.48 -1.60 1.04	39.75 -1.62 0.09	35.30 -1.59 0.01	29.87 -1.28 0.00	29.17 -1.28 0.00	30.16 -1.29 0.00	29.63 -1.07 0.00	30.11 -1.22 0.00	31.83 -1.19 0.09	33.06 -1.29 1.46	35.10 -1.42 6.58	38.28 -1.78 12.23	37.53 -1.50 2.60	28.31 -1.37 9.35	27.98 -1.15 3.64	26.96 -1.07 0.02	24.70 -1.03 0.02
NEVERSink__HYD 23608	28.81 1.37 0.00	26.74 1.20 0.00	26.58 1.22 0.00	26.23 1.18 0.00	26.78 1.20 0.00	30.08 1.30 0.00	41.56 1.98 0.00	53.40 3.06 -0.22	43.96 2.49 -0.02	38.92 2.03 0.00	32.67 1.53 0.00	31.85 1.40 0.00	32.99 1.54 0.00	32.18 1.47 0.00	32.96 1.63 0.00	34.97 1.85 0.00	37.91 2.11 0.00	45.82 2.72 0.00	55.74 3.45 0.00	44.22 2.58 0.00	41.37 2.34 0.00	34.74 1.97 0.00	29.68 1.63 0.00	27.33 1.57 0.00
NEWKRMKL_115KV_TB1 55635	28.31 0.88 0.00	26.38 0.84 0.00	26.22 0.86 0.00	25.85 0.80 0.00	26.40 0.82 0.00	29.62 0.83 0.00	40.77 1.19 0.00	51.83 1.70 0.00	42.87 1.41 0.00	38.00 1.11 0.00	32.15 1.00 0.00	31.39 0.94 0.00	32.43 0.98 0.00	31.62 0.92 0.00	32.30 0.97 0.00	34.31 1.19 0.00	37.13 1.32 0.00	44.74 1.64 0.00	54.22 1.93 0.00	43.21 1.58 0.00	40.43 1.41 0.00	33.92 1.15 0.00	29.04 0.98 0.00	26.68 0.93 0.00
NEWTON__FALLS_HYD 23847	28.26 0.82 0.00	26.33 0.79 0.00	26.02 0.66 0.00	25.80 0.75 0.00	26.32 0.74 0.00	29.94 1.09 -0.06	42.05 2.06 -0.40	53.81 3.21 -0.48	43.70 2.24 0.00	38.29 1.40 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.21 0.75 0.00	31.50 0.80 0.00	31.99 0.66 0.00	33.78 0.66 0.00	36.66 0.86 0.00	44.65 1.55 0.00	52.15 2.67 2.80	42.66 1.71 0.68	40.36 1.33 0.00	33.82 1.05 0.00	28.62 0.56 0.00	26.09 0.33 0.00
NGRID_A1_DSASP 323792	24.83 -2.61 0.00	23.26 -2.27 0.00	23.08 -2.28 0.00	22.82 -2.23 0.00	23.38 -2.20 0.00	26.74 -2.04 0.00	36.54 -3.05 0.00	44.47 -4.71 0.94	37.81 -3.57 0.08	33.93 -2.95 0.01	29.03 -2.12 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.05 -2.29 0.00	30.15 -2.88 0.09	31.50 -3.08 1.23	33.60 -3.92 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.04 0.02
NGRID_A2_DSASP 323793	24.83 -2.61 0.00	23.26 -2.27 0.00	23.08 -2.28 0.00	22.82 -2.23 0.00	23.38 -2.20 0.00	26.74 -2.04 0.00	36.54 -3.05 0.00	44.47 -4.71 0.94	37.81 -3.57 0.08	33.93 -2.95 0.01	29.03 -2.12 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.05 -2.29 0.00	30.15 -3.08 0.09	31.50 -3.08 1.23	33.60 -3.92 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.04 0.02
NGRID_A4_DSASP 323807	24.83 -2.61 0.00	23.26 -2.27 0.00	23.08 -2.28 0.00	22.82 -2.23 0.00	23.38 -2.20 0.00	26.74 -2.04 0.00	36.54 -3.05 0.00	44.47 -4.71 0.94	37.81 -3.57 0.08	33.93 -2.95 0.01	29.03 -2.12 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.05 -2.29 0.00	30.15 -3.08 0.09	31.50 -3.08 1.23	33.60 -3.92 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.04 0.02
NIAGARA_115E_LBMP 323715	24.75 -2.69 0.00	23.19 -2.35 0.00	22.98 -2.38 0.00	22.72 -2.33 0.00	23.28 -2.30 0.00	26.63 -2.16 0.00	36.42 -3.17 0.00	44.79 -4.21 1.12	37.75 -3.61 0.10	33.86 -3.02 0.01	28.94 -2.21 0.00	28.07 -2.38 0.00	29.03 -2.42 0.00	28.49 -2.21 0.00	28.95 -2.38 0.00	30.23 -2.78 0.10	31.79 -2.79 1.22	33.98 -3.49 5.63	37.09 -4.50 10.70	34.94 -3.75 2.95	28.00 -3.12 7.91	27.15 -2.56 3.06	25.65 -2.38 0.02	23.62 -2.11 0.02
NIAGARA_115W_LBMP 323714	24.77 -2.66 0.00	23.21 -2.32 0.00	23.03 -2.33 0.00	22.77 -2.28 0.00	23.33 -2.25 0.00	26.68 -2.10 0.00	36.46 -3.13 0.00	44.36 -4.81 0.96	37.72 -3.65 0.08	33.86 -3.02 0.01	28.97 -2.18 0.00	28.11 -2.34 0.00	29.06 -2.39 0.00	28.52 -2.18 0.00	28.98 -2.35 0.00	30.08 -2.95 0.08	31.43 -3.15 1.22	33.51 -4.01 5.58	36.54 -5.12 10.63	34.86 -4.25 2.53	27.61 -3.51 7.91	26.89 -2.82 3.06	25.65 -2.38 0.02	23.65 -2.09 0.02
NIAGARA_230_LBMP 323716	25.02 -2.41 0.00	23.44 -2.09 0.00	23.26 -2.10 0.00	23.00 -2.05 0.00	23.56 -2.02 0.00	26.94 -1.84 0.00	36.81 -2.77 0.00	44.86 -4.16 1.10	38.14 -3.23 0.08	34.19 -2.69 0.01	29.22 -1.93 0.00	28.38 -2.07 0.00	29.31 -2.14 0.00	28.77 -1.93 0.00	29.23 -2.10 0.00	30.41 -2.62 0.08	31.73 -2.87 1.20	33.96 -3.53 5.61	37.16 -4.44 10.68	35.00 -3.71 2.93	27.95 -3.20 7.89	27.10 -2.62 3.04	25.93 -2.10 0.02	23.88 -1.85 0.02
NIAGARA__115KV_198_GIBSON 55903	24.86 -2.58 0.00	23.14 -2.40 0.00	22.95 -2.41 0.00	22.69 -2.35 0.00	23.25 -2.33 0.00	26.80 -1.99 0.00	36.42 -3.17 0.00	44.36 -4.81 0.96	37.31 -4.06 0.08	33.90 -2.99 0.01	28.66 -2.49 0.00	28.10 -2.34 0.00	29.06 -2.39 0.00	28.52 -2.18 0.00	28.98 -2.35 0.00	30.18 -2.85 0.08	31.43 -3.15 1.22	33.42 -4.09 5.58	36.54 -5.12 10.63	34.86 -4.25 2.53	27.65 -3.47 7.91	26.89 -2.82 3.06	25.65 -2.38 0.02	23.65 -2.09 0.02
NIAGARA____ 23760	25.02 -2.41 0.00	23.44 -2.09 0.00	23.26 -2.10 0.00	23.00 -2.05 0.00	23.56 -2.02 0.00	26.94 -1.84 0.00	36.81 -2.77 0.00	44.89 -4.16 1.07	38.14 -3.23 0.09	34.19 -2.69 0.01	29.22 -1.93 0.00	28.38 -2.07 0.00	29.31 -2.14 0.00	28.77 -1.93 0.00	29.23 -2.10 0.00	30.41 -2.62 0.09	31.73 -2.87 1.21	33.96 -3.53 5.61	37.17 -4.44 10.68	35.08 -3.71 2.85	27.94 -3.20 7.89	27.10 -2.62 3.05	25.93 -2.10 0.02	23.88 -1.85 0.02
NINE_MILE_1 23575	26.42 -1.01 0.00	24.59 -0.94 0.00	24.42 -0.94 0.00	24.12 -0.93 0.00	24.66 -0.92 0.00	27.16 -0.98 0.65	33.53 -1.46 4.59	42.76 -2.10 5.26	39.80 -1.66 0.00	35.45 -1.44 0.00	29.93 -1.22 0.00	29.23 -1.22 0.00	30.19 -1.26 0.00	29.50 -1.20 0.00	30.11 -1.22 0.00	31.72 -1.39 0.00	34.33 -1.47 0.00	41.01 -1.81 0.28	41.72 -2.19 8.37	39.92 -1.71 0.00	37.39 -1.64 0.00	31.43 -1.35 0.00	26.90 -1.15 0.00	24.68 -1.08 0.00
NINE_MILE_2 23744	26.42 -1.01 0.00	24.62 -0.92 0.00	24.42 -0.94 0.00	24.12 -0.93 0.00	24.66 -0.92 0.00	27.18 -0.95 0.66	33.46 -1.46 4.66	42.68 -2.10 5.34	39.80 -1.66 0.00	35.45 -1.44 0.00	29.93 -1.22 0.00	29.23 -1.22 0.00	30.19 -1.26 0.00	29.50 -1.20 0.00	30.11 -1.22 0.00	31.72 -1.39 0.00	34.33 -1.47 0.00	41.05 -1.77 0.28	41.61 -2.19 8.48	39.92 -1.71 0.00	37.39 -1.64 0.00	31.43 -1.35 0.00	26.90 -1.15 0.00	24.70 -1.06 0.00
NM_CAPITAL__DRP 24208	28.39 0.96 0.00	26.46 0.92 0.00	26.30 0.94 0.00	25.93 0.88 0.00	26.48 0.90 0.00	29.71 0.92 0.00	40.85 1.27 0.00	51.98 1.85 0.00	42.99 1.53 0.00	38.11 1.22 0.00	32.24 1.09 0.00	31.48 1.04 0.00	32.52 1.07 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.40 1.29 0.00	37.23 1.43 0.00	44.87 1.77 0.00	54.38 2.09 0.00	43.34 1.71 0.00	40.55 1.52 0.00	34.02 1.25 0.00	29.15 1.09 0.00	26.76 1.00 0.00

NM_CENTRAL___DRP 24181	26.78 -0.66 0.00	24.90 -0.64 0.00	24.73 -0.63 0.00	24.45 -0.60 0.00	24.99 -0.59 0.00	28.33 -0.52 -0.07	39.38 -0.67 -0.46	49.56 -1.15 -0.58	40.55 -0.91 0.00	36.15 -0.74 0.00	30.46 -0.69 0.00	29.81 -0.64 0.00	30.79 -0.66 0.00	30.09 -0.61 0.00	30.67 -0.66 0.00	32.35 -0.76 0.00	34.94 -0.86 0.00	42.10 -0.99 0.01	50.61 -1.25 0.43	40.68 -0.96 0.00	38.09 -0.94 0.00	31.98 -0.79 0.00	27.38 -0.67 0.00	25.09 -0.67 0.00
NM_FRONTIER___DRP 24179	24.86 -2.58 0.00	23.14 -2.40 0.00	22.95 -2.41 0.00	22.69 -2.35 0.00	23.25 -2.33 0.00	26.80 -1.99 0.00	36.42 -3.17 0.00	44.36 -4.81 0.96	37.31 -4.06 0.08	33.90 -2.99 0.01	28.66 -2.49 0.00	28.10 -2.34 0.00	29.06 -2.39 0.00	28.52 -2.18 0.00	28.98 -2.35 0.00	30.18 -2.85 0.08	31.43 -3.15 1.22	33.42 -4.09 5.58	36.54 -5.12 10.63	34.86 -4.25 2.53	27.65 -3.47 7.91	26.89 -2.82 3.06	25.65 -2.38 0.02	23.65 -2.09 0.02
NM_ST_REGIS___HYD 24053	28.59 1.15 0.00	26.66 1.12 0.00	26.32 0.96 0.00	26.10 1.05 0.00	26.63 1.05 0.00	30.18 1.35 -0.04	42.37 2.49 -0.29	54.03 3.56 -0.35	43.99 2.53 0.00	38.59 1.70 0.00	32.24 1.09 0.00	31.36 0.91 0.00	32.46 1.01 0.00	31.78 1.07 0.00	32.27 0.94 0.00	34.01 0.89 0.00	36.84 1.04 0.00	44.74 1.64 0.00	49.91 2.72 5.10	42.10 1.71 1.24	40.51 1.48 0.00	33.89 1.11 0.00	28.64 0.59 0.00	26.07 0.31 0.00
NORTHPORT___1 23551	29.91 2.47 -0.01	27.69 2.15 -0.01	27.54 2.18 0.00	27.16 2.10 -0.01	27.70 2.12 0.00	31.10 2.30 -0.01	41.01 1.42 0.00	52.13 2.01 0.00	43.16 1.70 0.00	38.41 1.51 0.00	32.80 1.65 0.00	32.58 2.13 0.00	33.12 1.67 0.00	32.64 1.94 0.00	33.12 1.78 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.73 2.63 0.00	55.53 3.24 0.00	44.26 2.62 0.00	41.29 2.26 0.00	35.13 2.36 0.00	30.95 2.89 -0.01	28.47 2.70 -0.01
NORTHPORT___2 23552	29.91 2.47 -0.01	27.69 2.15 -0.01	27.54 2.18 0.00	27.16 2.10 -0.01	27.70 2.12 0.00	31.10 2.30 -0.01	41.01 1.42 0.00	52.13 2.01 0.00	43.16 1.70 0.00	38.41 1.51 0.00	32.80 1.65 0.00	32.58 2.13 0.00	33.12 1.67 0.00	32.64 1.94 0.00	33.12 1.78 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.73 2.63 0.00	55.53 3.24 0.00	44.26 2.62 0.00	41.29 2.26 0.00	35.13 2.36 0.00	30.95 2.89 -0.01	28.47 2.70 -0.01
NORTHPORT___3 23553	29.56 2.11 -0.01	27.36 1.81 -0.01	27.21 1.85 0.00	26.86 1.80 -0.01	27.40 1.82 0.00	30.72 1.93 -0.01	40.50 0.91 0.00	51.53 1.40 0.00	42.66 1.20 0.00	38.18 1.29 0.00	32.52 1.37 0.00	32.37 1.92 0.00	32.99 1.54 0.00	32.42 1.72 0.00	32.96 1.63 0.00	34.64 1.52 0.00	37.45 1.65 0.00	45.17 2.07 0.00	54.85 2.56 0.00	43.71 2.08 0.00	40.83 1.80 0.00	34.67 1.90 0.00	30.59 2.53 -0.01	28.13 2.37 -0.01
NORTHPORT___4 23650	29.56 2.11 -0.01	27.36 1.81 -0.01	27.21 1.85 0.00	26.86 1.80 -0.01	27.40 1.82 0.00	30.72 1.93 -0.01	40.50 0.91 0.00	51.53 1.40 0.00	42.66 1.20 0.00	38.18 1.29 0.00	32.52 1.37 0.00	32.37 1.92 0.00	32.99 1.54 0.00	32.42 1.72 0.00	32.96 1.63 0.00	34.64 1.52 0.00	37.45 1.65 0.00	45.17 2.07 0.00	54.85 2.56 0.00	43.71 2.08 0.00	40.83 1.80 0.00	34.67 1.90 0.00	30.59 2.53 -0.01	28.13 2.37 -0.01
NORTHPORT___IC 23718	30.05 2.61 -0.01	27.91 2.37 0.00	27.64 2.28 0.00	27.25 2.20 0.00	27.83 2.25 0.00	31.26 2.48 0.00	41.17 1.58 0.00	52.13 2.01 0.00	43.41 1.95 0.00	38.52 1.62 0.00	33.20 2.06 0.00	32.61 2.16 0.00	33.18 1.73 0.00	32.61 1.90 0.00	33.15 1.82 0.00	34.77 1.66 0.00	37.73 1.93 0.00	45.60 2.50 0.00	55.53 3.24 0.00	44.30 2.66 0.00	41.29 2.26 0.00	35.20 2.43 0.00	30.89 2.83 0.00	28.47 2.70 -0.01
NORTH___COUNTRY_ESR 323785	27.65 0.22 0.00	25.84 0.31 0.00	25.61 0.25 0.00	25.33 0.28 0.00	25.84 0.26 0.00	28.84 0.06 0.00	39.82 0.24 0.00	50.03 -0.10 0.00	41.12 -0.33 0.00	36.86 -0.04 0.00	31.18 0.03 0.00	30.57 0.12 0.00	31.52 0.06 0.00	30.79 0.09 0.00	31.33 0.00 0.00	32.95 -0.16 0.00	35.48 -0.32 0.00	42.46 -0.65 0.00	41.93 -0.94 9.42	38.42 -0.92 2.29	38.48 -0.55 0.00	32.18 -0.59 0.00	27.35 -0.70 0.00	24.98 -0.77 0.00
NPX_GEN_1385_PROXY 323591	34.21 3.26 -3.51	31.72 2.88 -3.30	30.20 2.89 -1.95	30.00 2.80 -2.15	31.72 2.86 -3.27	35.50 3.14 -3.58	47.48 2.61 -5.28	61.48 3.51 -7.85	51.72 2.90 -7.36	38.55 1.66 0.00	33.20 2.06 0.00	32.73 2.28 0.00	33.31 1.86 0.00	32.82 2.12 0.00	33.31 1.98 0.00	35.13 2.02 0.00	38.38 2.58 0.00	52.48 3.88 -5.50	58.90 4.76 -1.85	53.10 3.87 -7.59	50.20 3.44 -7.73	40.20 3.31 -4.12	34.10 3.70 -2.34	29.30 3.45 -0.09
NPX_GEN_CSC 323557	30.30 2.85 -0.01	28.00 2.45 -0.01	27.80 2.43 0.00	27.41 2.35 -0.01	27.96 2.38 0.00	31.44 2.65 -0.01	41.60 2.02 0.00	52.78 2.65 0.00	43.65 2.20 0.00	38.85 1.95 0.00	33.24 2.09 0.00	32.83 2.38 0.00	33.37 1.92 0.00	32.88 2.18 0.00	33.37 2.04 0.00	35.40 2.28 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.10 3.82 0.00	44.76 3.12 0.00	41.76 2.73 0.00	35.52 2.75 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
NSINS_S___GLNS_FALLS 23858	29.44 2.00 0.00	27.48 1.94 0.00	27.29 1.93 0.00	26.93 1.88 0.00	27.47 1.89 0.00	30.31 1.53 0.00	41.84 2.26 0.00	53.08 2.96 0.00	43.86 2.40 0.00	38.74 1.84 0.00	32.77 1.62 0.00	32.00 1.55 0.00	33.09 1.64 0.00	32.14 1.44 0.00	32.77 1.44 0.00	34.84 1.72 0.00	37.63 1.83 0.00	45.34 2.24 0.00	55.06 2.77 0.00	43.84 2.21 0.00	40.86 1.83 0.00	34.25 1.47 0.00	30.07 2.02 0.00	27.59 1.83 0.00
NUCOR_STEEL___DRP 24197	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.55 -0.35 -0.12	39.96 -0.44 -0.81	49.87 -0.90 -0.64	40.68 -0.75 0.03	36.34 -0.55 0.00	30.59 -0.56 0.00	29.96 -0.49 0.00	30.95 -0.50 0.00	30.21 -0.49 0.00	30.80 -0.53 0.00	32.39 -0.70 0.03	34.64 -0.75 0.40	40.35 -0.91 1.84	48.04 -1.10 3.15	39.98 -0.79 0.87	35.63 -0.78 2.62	31.10 -0.66 1.02	27.49 -0.56 0.01	25.18 -0.57 0.01
NUMBER_THREE_WT_PWR 323818	27.87 0.44 0.00	25.97 0.43 0.00	25.69 0.33 0.00	25.45 0.40 0.00	25.99 0.41 0.00	29.53 0.69 -0.05	41.27 1.30 -0.39	52.84 2.26 -0.46	42.99 1.53 0.00	37.82 0.92 0.00	31.58 0.44 0.00	30.72 0.27 0.00	31.89 0.44 0.00	31.16 0.46 0.00	31.71 0.38 0.00	33.51 0.40 0.00	36.37 0.57 0.00	44.22 1.12 0.00	53.32 1.99 0.96	42.65 1.25 0.23	39.89 0.86 0.00	33.49 0.72 0.00	28.45 0.39 0.00	25.99 0.23 0.00
NYISO_LBMP_REFERENCE 24008	27.43 0.00 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.58 0.00 0.00	28.78 0.00 0.00	39.59 0.00 0.00	50.13 0.00 0.00	41.46 0.00 0.00	36.89 0.00 0.00	31.15 0.00 0.00	30.45 0.00 0.00	31.45 0.00 0.00	30.70 0.00 0.00	31.33 0.00 0.00	33.11 0.00 0.00	35.80 0.00 0.00	43.10 0.00 0.00	52.29 0.00 0.00	41.63 0.00 0.00	39.03 0.00 0.00	32.77 0.00 0.00	28.05 0.00 0.00	25.76 0.00 0.00

NYPA_BRENTWD____GT 24164	30.13	27.87	27.69	27.31	27.88	31.33	41.45	52.68	43.61	38.81	33.17	32.91	33.50	32.97	33.46	35.30	38.20	46.25	56.21	44.80	41.76	35.49	31.15	28.65
	2.69	2.32	2.33	2.26	2.30	2.53	1.86	2.56	2.15	1.92	2.02	2.47	2.04	2.27	2.13	2.18	2.40	3.14	3.92	3.16	2.73	2.72	3.09	2.88
	-0.01	-0.01	0.00	-0.01	0.00	-0.01	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	-0.01	-0.01
NYPA_GOWANUS____GT5 24156	29.31	27.10	26.99	26.61	27.15	30.31	41.52	52.88	43.82	39.33	33.14	32.55	33.69	32.88	33.62	35.76	38.63	45.99	55.74	44.34	41.80	35.23	30.41	27.95
	1.87	1.56	1.62	1.55	1.56	1.52	1.94	2.76	2.36	2.43	2.00	2.10	2.23	2.18	2.29	2.65	2.83	2.89	3.45	2.70	2.77	2.46	2.36	2.19
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA_GOWANUS____GT6 24157	29.31	27.10	26.99	26.61	27.15	30.31	41.52	52.88	43.82	39.33	33.14	32.55	33.69	32.88	33.62	35.76	38.63	45.99	55.74	44.34	41.80	35.23	30.41	27.95
	1.87	1.56	1.62	1.55	1.56	1.52	1.94	2.76	2.36	2.43	2.00	2.10	2.23	2.18	2.29	2.65	2.83	2.89	3.45	2.70	2.77	2.46	2.36	2.19
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA_HARLEM__RVR__GT1 24160	29.20	27.05	26.92	26.56	27.07	30.20	41.21	52.42	43.52	38.95	32.85	32.27	33.37	32.60	33.30	35.39	38.19	45.64	55.26	44.00	41.44	34.80	30.22	27.80
	1.76	1.51	1.55	1.50	1.48	1.41	1.62	2.31	2.07	2.06	1.71	1.83	1.92	1.90	1.98	2.28	2.40	2.54	2.98	2.37	2.42	2.03	2.16	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYPA_HARLEM__RVR__GT2 24161	29.20	27.05	26.92	26.56	27.07	30.20	41.21	52.42	43.52	38.95	32.85	32.27	33.37	32.60	33.30	35.39	38.19	45.64	55.26	44.00	41.44	34.80	30.22	27.80
	1.76	1.51	1.55	1.50	1.48	1.41	1.62	2.31	2.07	2.06	1.71	1.83	1.92	1.90	1.98	2.28	2.40	2.54	2.98	2.37	2.42	2.03	2.16	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYPA_KENT____GT 24152	29.23	27.05	26.94	26.59	27.10	30.25	41.52	52.88	43.82	39.29	33.11	32.49	33.62	32.85	33.56	35.70	38.52	45.95	55.68	44.30	41.76	35.13	30.33	27.88
	1.78	1.51	1.57	1.53	1.51	1.47	1.94	2.76	2.36	2.40	1.96	2.04	2.17	2.15	2.22	2.58	2.72	2.84	3.40	2.67	2.73	2.36	2.27	2.11
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA_POUCH1____GT 24155	29.39	27.18	27.07	26.68	27.20	30.40	41.49	52.62	43.60	39.29	33.11	32.52	33.66	32.88	33.59	35.76	38.63	45.72	55.42	44.12	41.72	35.29	30.49	28.00
	1.95	1.64	1.70	1.63	1.61	1.61	1.90	2.51	2.15	2.40	1.96	2.07	2.20	2.18	2.26	2.65	2.83	2.67	3.14	2.50	2.69	2.52	2.44	2.24
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.01	0.00	0.00	0.00	-0.01
NYPA_VERNON____GT2 24162	29.17	27.00	26.89	26.54	27.05	30.22	41.49	52.88	43.82	39.22	33.08	32.46	33.56	32.79	33.49	35.60	38.45	45.99	55.68	44.34	41.72	35.03	30.24	27.83
	1.73	1.45	1.52	1.48	1.46	1.44	1.90	2.76	2.36	2.33	1.93	2.01	2.11	2.09	2.16	2.48	2.65	2.89	3.40	2.70	2.69	2.26	2.19	2.06
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA_VERNON____GT3 24163	29.17	27.00	26.89	26.54	27.05	30.22	41.49	52.88	43.82	39.22	33.08	32.46	33.56	32.79	33.49	35.60	38.45	45.99	55.68	44.34	41.72	35.03	30.24	27.83
	1.73	1.45	1.52	1.48	1.46	1.44	1.90	2.76	2.36	2.33	1.93	2.01	2.11	2.09	2.16	2.48	2.65	2.89	3.40	2.70	2.69	2.26	2.19	2.06
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA__ASTORIA_CC1 323568	29.14	27.00	26.89	26.54	27.05	30.20	41.41	52.78	43.74	39.14	33.02	32.40	33.53	32.73	33.43	35.53	38.38	45.86	55.58	44.22	41.65	34.97	30.22	27.80
	1.70	1.45	1.52	1.48	1.46	1.41	1.82	2.65	2.28	2.25	1.87	1.95	2.08	2.03	2.10	2.42	2.58	2.76	3.30	2.58	2.62	2.20	2.16	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA__ASTORIA_CC2 323569	29.14	27.00	26.89	26.54	27.05	30.20	41.41	52.78	43.74	39.14	33.02	32.40	33.53	32.73	33.43	35.53	38.38	45.86	55.58	44.22	41.65	34.97	30.22	27.80
	1.70	1.45	1.52	1.48	1.46	1.41	1.82	2.65	2.28	2.25	1.87	1.95	2.08	2.03	2.10	2.42	2.58	2.76	3.30	2.58	2.62	2.20	2.16	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	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	-0.01
NYPA__HOLTSVILL 23794	30.02	27.77	27.59	27.21	27.75	31.18	41.21	52.28	43.28	38.55	32.95	32.70	33.25	32.76	33.24	35.10	37.95	45.86	55.68	44.42	41.41	35.26	30.98	28.49
	2.58	2.22	2.23	2.15	2.17	2.39	1.62	2.15	1.82	1.66	1.81	2.25	1.79	2.06	1.91	1.99	2.15	2.76	3.40	2.79	2.38	2.49	2.92	2.73
	-0.01	-0.01	0.00	-0.01	0.00	-0.01	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	-0.01	-0.01
NYPA__HELLGATE_GT1 24158	29.20	27.05	26.92	26.56	27.07	30.20	41.21	52.42	43.52	38.95	32.85	32.27	33.37	32.60	33.30	35.39	38.19	45.68	55.31	44.04	41.44	34.80	30.22	27.80
	1.76	1.51	1.55	1.50	1.48	1.41	1.62	2.31	2.07	2.06	1.71	1.83	1.92	1.90	1.98	2.28	2.40	2.59	3.03	2.41	2.42	2.03	2.16	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYPA__HELLGATE_GT2 24159	29.20	27.05	26.92	26.56	27.07	30.20	41.21	52.42	43.52	38.95	32.85	32.27	33.37	32.60	33.30	35.39	38.19	45.68	55.31	44.04	41.44	34.80	30.22	27.80
	1.76	1.51	1.55	1.50	1.48	1.41	1.62	2.31	2.07	2.06	1.71	1.83	1.92	1.90	1.98	2.28	2.40	2.59	3.03	2.41	2.42	2.03	2.16	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYS_BARGE__HYD 23848	25.19	23.57	23.38	23.12	23.72	27.11	37.09	45.73	38.59	34.56	29.53	28.65	29.60	29.07	29.55	30.84	32.36	34.81	38.23	35.93	28.82	27.72	26.16	24.04
	-2.25	-1.97	-1.98	-1.93	-1.87	-1.67	-2.49	-3.36	-2.78	-2.32	-1.62	-1.80	-1.86	-1.63	-1.78	-2.19	-2.25	-2.85	-3.66	-3.08	-2.54	-2.06	-1.88	-1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.09	1.19	5.45	10.40	2.62	7.68	2.99	0.02	0.02

OAK ORCHARD___HYD 24046	26.06 -1.37 0.00	24.31 -1.23 0.00	24.09 -1.27 0.00	23.85 -1.20 0.00	24.41 -1.18 0.00	27.81 -0.98 0.00	38.12 -1.46 0.00	46.91 -2.41 0.81	39.65 -1.74 0.06	35.59 -1.29 0.01	30.18 -0.97 0.00	29.41 -1.04 0.00	30.35 -1.10 0.00	29.72 -0.98 0.00	30.27 -1.07 0.00	31.46 -1.59 0.06	33.16 -1.72 0.92	36.78 -2.07 4.25	41.29 -2.56 8.43	37.47 -2.17 2.00	31.06 -1.99 5.98	28.84 -1.61 2.33	26.72 -1.32 0.02	24.58 -1.16 0.02
OAKDALE___35_KV_LOAD 356122	27.13 -0.30 0.00	25.21 -0.33 0.00	25.03 -0.33 0.00	24.75 -0.30 0.00	25.33 -0.26 0.00	28.77 -0.06 -0.04	39.72 -0.16 -0.30	51.19 1.05 -0.01	42.15 0.75 0.05	37.33 0.44 0.00	31.49 0.34 0.00	30.72 0.27 0.00	31.77 0.31 0.00	31.07 0.37 0.00	31.68 0.34 0.00	33.59 0.53 0.05	35.67 0.61 0.74	40.64 0.91 3.36	47.20 1.10 6.18	41.07 0.96 1.52	35.04 0.78 4.77	31.53 0.62 1.86	28.52 0.48 0.01	26.10 0.36 0.01
OCC_CHEM___DRP 24175	24.91 -2.52 0.00	23.16 -2.37 0.00	23.00 -2.36 0.00	22.74 -2.30 0.00	23.30 -2.28 0.00	26.86 -1.93 0.00	36.50 -3.09 0.00	44.48 -4.71 0.94	37.39 -3.98 0.08	33.97 -2.91 0.01	28.72 -2.43 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.04 -2.29 0.00	30.25 -2.78 0.09	31.50 -3.08 1.23	33.51 -4.01 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.03 0.02
OH_GEN_PROXY 24063	25.07 -2.36 0.00	23.49 -2.04 0.00	23.28 -2.08 0.00	23.02 -2.03 0.00	23.61 -1.97 0.00	27.00 -1.78 0.00	36.89 -2.69 0.00	45.04 -4.01 1.07	38.31 -3.07 0.08	34.30 -2.58 0.01	29.31 -1.84 0.00	28.44 -2.01 0.00	29.41 -2.04 0.00	28.83 -1.87 0.00	29.33 -2.01 0.00	30.51 -2.52 0.08	31.90 -2.72 1.18	34.40 -3.32 5.38	37.81 -4.18 10.30	35.64 -3.50 2.50	28.37 -3.04 7.61	27.30 -2.49 2.98	26.01 -2.02 0.02	23.93 -1.80 0.02
OLIN_CORP_DRP 24177	24.88 -2.55 0.00	23.14 -2.40 0.00	22.98 -2.38 0.00	22.69 -2.35 0.00	23.25 -2.33 0.00	26.83 -1.96 0.00	36.46 -3.13 0.00	44.80 -4.16 1.16	37.53 -3.81 0.11	33.97 -2.91 0.01	28.69 -2.46 0.00	28.14 -2.31 0.00	29.10 -2.36 0.00	28.55 -2.15 0.00	29.01 -2.32 0.00	30.29 -2.72 0.11	31.81 -2.76 1.24	34.04 -3.41 5.66	37.10 -4.44 10.75	34.82 -3.75 3.07	27.98 -3.08 7.97	27.16 -2.52 3.09	25.71 -2.33 0.02	23.67 -2.06 0.02
OLIN_CORP_DSASP 323712	24.83 -2.61 0.00	23.26 -2.27 0.00	23.08 -2.28 0.00	22.82 -2.23 0.00	23.38 -2.20 0.00	26.74 -2.04 0.00	36.54 -3.05 0.00	44.47 -4.71 0.94	37.81 -3.57 0.08	33.93 -2.95 0.01	29.03 -2.12 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.05 -2.29 0.00	30.15 -2.88 0.09	31.50 -3.08 1.23	33.60 -3.92 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.04 0.02
ONEIDA_HERK_LFGE 323681	27.95 0.52 0.00	26.02 0.48 0.00	25.79 0.43 0.00	25.52 0.47 0.00	26.04 0.46 0.00	29.50 0.69 -0.03	40.98 1.19 -0.21	52.38 2.01 -0.24	42.95 1.49 0.00	37.92 1.03 0.00	31.80 0.66 0.00	30.97 0.52 0.00	32.12 0.66 0.00	31.38 0.67 0.00	31.96 0.63 0.00	33.78 0.66 0.00	36.62 0.82 0.00	44.35 1.25 0.00	54.17 1.88 0.00	42.88 1.25 0.00	39.97 0.94 0.00	33.59 0.82 0.00	28.64 0.59 0.00	26.19 0.44 0.00
ONEIDA___115KV_TB4 55905	27.96 0.52 0.00	25.97 0.43 0.00	25.77 0.41 0.00	25.48 0.43 0.00	26.04 0.46 0.00	29.51 0.69 -0.04	40.99 1.15 -0.26	52.38 1.95 -0.30	42.99 1.53 0.00	38.04 1.14 0.00	31.90 0.75 0.00	31.12 0.67 0.00	32.24 0.79 0.00	31.50 0.80 0.00	32.12 0.78 0.00	33.94 0.83 0.00	36.73 0.93 0.00	44.43 1.34 0.01	53.94 1.88 0.23	42.97 1.33 0.00	40.04 1.01 0.00	33.69 0.92 0.00	28.76 0.70 0.00	26.32 0.57 0.00
ONONDAGA_REF_OCCRA 23987	26.89 -0.55 0.00	25.00 -0.54 0.00	24.83 -0.53 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.46 -0.40 -0.08	39.62 -0.51 -0.55	50.33 -0.70 -0.91	40.90 -0.58 -0.02	36.42 -0.48 0.00	30.68 -0.47 0.00	30.02 -0.43 0.00	31.01 -0.44 0.00	30.27 -0.43 0.00	30.89 -0.44 0.00	32.64 -0.50 -0.02	35.59 -0.54 -0.33	43.99 -0.60 -1.49	53.81 -0.73 -2.25	41.80 -0.54 -0.71	40.58 -0.59 -2.14	33.11 -0.49 -0.83	27.61 -0.45 -0.01	25.30 -0.46 -0.01
ONONDAGA___COGEN 23986	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.50 -0.40 -0.12	39.93 -0.51 -0.86	50.16 -1.00 -1.04	40.67 -0.79 0.00	36.30 -0.59 0.00	30.56 -0.59 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.45 -0.66 0.00	35.05 -0.75 0.00	42.20 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.21 -0.82 0.00	32.08 -0.69 0.00	27.47 -0.59 0.00	25.16 -0.59 0.00
ONTARIO___LFGE 23819	26.72 -0.71 0.00	24.87 -0.66 0.00	24.68 -0.68 0.00	24.40 -0.65 0.00	25.02 -0.56 0.00	28.51 -0.32 -0.04	39.51 -0.36 -0.28	48.56 -0.30 1.27	41.29 -0.04 0.12	36.73 -0.15 0.01	30.99 -0.15 0.00	30.20 -0.24 0.00	31.17 -0.28 0.00	30.52 -0.18 0.00	31.08 -0.25 0.00	32.66 -0.33 0.13	33.63 -0.36 1.82	34.55 -0.26 8.30	37.10 -0.31 14.87	37.54 -0.21 3.89	26.95 -0.31 11.76	27.90 -0.30 4.58	27.72 -0.31 0.03	25.34 -0.39 0.03
ORANGEVILLE_WT_PWR 323706	25.60 -1.84 0.00	23.90 -1.63 0.00	23.71 -1.65 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.46 -1.32 0.00	37.65 -1.94 0.00	46.65 -2.10 1.37	39.56 -1.78 0.12	35.18 -1.70 0.01	30.00 -1.15 0.00	29.11 -1.34 0.00	30.10 -1.35 0.00	29.50 -1.20 0.00	30.02 -1.31 0.00	31.54 -1.46 0.12	32.38 -1.65 1.77	33.08 -1.98 8.04	35.10 -2.51 14.68	36.10 -2.12 3.41	25.69 -1.91 11.43	26.71 -1.61 4.46	26.62 -1.40 0.03	24.33 -1.39 0.03
ORANGEVILLE___ESR 323794	25.60 -1.84 0.00	23.90 -1.63 0.00	23.71 -1.65 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.46 -1.32 0.00	37.65 -1.94 0.00	46.65 -2.10 1.37	39.56 -1.78 0.12	35.18 -1.70 0.01	30.00 -1.15 0.00	29.11 -1.34 0.00	30.10 -1.35 0.00	29.50 -1.20 0.00	30.02 -1.31 0.00	31.54 -1.46 0.12	32.38 -1.65 1.77	33.08 -1.98 8.04	35.10 -2.51 14.68	36.10 -2.12 3.41	25.69 -1.91 11.43	26.71 -1.61 4.46	26.62 -1.40 0.03	24.33 -1.39 0.03
OSWEGATCHIE___HYD 24044	28.23 0.80 0.00	26.35 0.82 0.00	26.05 0.68 0.00	25.83 0.78 0.00	26.35 0.77 0.00	29.94 1.09 -0.06	42.05 2.06 -0.40	53.82 3.21 -0.48	43.65 2.20 0.00	38.29 1.40 0.00	31.93 0.78 0.00	31.03 0.58 0.00	32.21 0.75 0.00	31.50 0.80 0.00	31.99 0.66 0.00	33.74 0.63 0.00	36.66 0.86 0.00	44.65 1.55 0.00	52.15 2.67 2.80	42.66 1.71 0.68	40.32 1.29 0.00	33.82 1.05 0.00	28.62 0.56 0.00	26.09 0.33 0.00
OSWEGO___5 23606	26.61 -0.82 0.00	24.77 -0.77 0.00	24.60 -0.76 0.00	24.30 -0.75 0.00	24.84 -0.74 0.00	28.49 -0.78 -0.49	41.87 -1.15 -3.43	52.38 -1.76 -4.01	40.09 -1.37 0.00	35.71 -1.18 0.00	30.15 -1.00 0.00	29.45 -1.00 0.00	30.42 -1.04 0.00	29.72 -0.98 0.00	30.30 -1.03 0.00	31.95 -1.16 0.00	34.55 -1.25 0.00	41.71 -1.51 -0.11	53.88 -1.83 -3.42	40.22 -1.42 0.00	37.63 -1.40 0.00	31.62 -1.15 0.00	27.10 -0.95 0.00	24.85 -0.90 0.00

OSWEGO___6 23613	26.61 -0.82 0.00	24.77 -0.77 0.00	24.60 -0.76 0.00	24.30 -0.75 0.00	24.84 -0.74 0.00	28.49 -0.78 -0.49	41.87 -1.15 -3.43	52.38 -1.76 -4.01	40.09 -1.37 0.00	35.71 -1.18 0.00	30.15 -1.00 0.00	29.45 -1.00 0.00	30.42 -1.04 0.00	29.72 -0.98 0.00	30.30 -1.03 0.00	31.95 -1.16 0.00	34.55 -1.25 0.00	41.71 -1.51 -0.11	53.88 -1.83 -3.42	40.22 -1.42 0.00	37.63 -1.40 0.00	31.62 -1.15 0.00	27.10 -0.95 0.00	24.85 -0.90 0.00
OUTOKUMPU-AB___DRP 24206	25.49 -1.95 0.00	23.70 -1.84 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.84 -1.74 0.00	27.49 -1.30 0.00	37.41 -2.18 0.00	46.14 -3.01 0.98	38.72 -2.65 0.09	34.97 -1.92 0.01	29.56 -1.59 0.00	28.96 -1.49 0.00	29.94 -1.51 0.00	29.44 -1.26 0.00	29.89 -1.44 0.00	31.24 -1.79 0.09	32.57 -1.97 1.26	34.82 -2.54 5.74	38.11 -3.29 10.88	36.33 -2.79 2.51	28.64 -2.26 8.13	27.78 -1.84 3.16	26.43 -1.60 0.02	24.27 -1.47 0.02
OXBOW___BTM 323836	25.16 -2.28 0.00	23.57 -1.97 0.00	23.38 -1.98 0.00	23.12 -1.93 0.00	23.69 -1.89 0.00	27.09 -1.70 0.00	37.05 -2.53 0.00	45.41 -3.76 0.96	38.51 -2.86 0.09	34.52 -2.36 0.01	29.53 -1.62 0.00	28.62 -1.83 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.78 0.00	30.71 -2.32 0.09	32.09 -2.47 1.24	34.29 -3.14 5.66	37.46 -4.08 10.75	35.72 -3.41 2.50	28.20 -2.81 8.02	27.43 -2.23 3.11	26.12 -1.91 0.02	24.03 -1.70 0.02
OXBOW____ 24026	25.24 -2.19 0.00	23.47 -2.07 0.00	23.31 -2.05 0.00	23.05 -2.00 0.00	23.61 -1.97 0.00	27.20 -1.58 0.00	37.01 -2.57 0.00	45.41 -3.76 0.96	38.14 -3.23 0.09	34.56 -2.32 0.01	29.22 -1.93 0.00	28.62 -1.83 0.00	29.60 -1.86 0.00	29.07 -1.63 0.00	29.55 -1.79 0.00	30.81 -2.22 0.09	32.09 -2.47 1.24	34.25 -3.19 5.66	37.46 -4.08 10.75	35.72 -3.41 2.50	28.24 -2.77 8.02	27.43 -2.23 3.11	26.13 -1.91 0.02	24.04 -1.70 0.02
OXY_CHEM_DSASP 323612	24.91 -2.52 0.00	23.16 -2.37 0.00	23.00 -2.36 0.00	22.74 -2.30 0.00	23.30 -2.28 0.00	26.86 -1.93 0.00	36.50 -3.09 0.00	44.48 -4.71 0.94	37.39 -3.98 0.08	33.97 -2.91 0.01	28.72 -2.43 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.04 -2.29 0.00	30.25 -2.78 0.09	31.50 -3.08 1.23	33.51 -4.01 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.03 0.02
OZONE_PARK_ESR 323760	29.35 1.92 0.00	27.30 1.76 0.00	27.06 1.70 0.00	26.65 1.60 0.00	27.19 1.61 0.00	30.45 1.67 0.00	41.84 2.26 0.00	53.48 3.36 0.00	44.32 2.86 0.00	39.48 2.58 0.00	33.36 2.21 0.00	32.67 2.22 0.00	33.75 2.30 0.00	32.97 2.27 0.00	33.68 2.35 0.00	35.76 2.65 0.00	38.66 2.86 0.00	46.46 3.36 0.00	56.37 4.08 0.00	44.84 3.21 0.00	42.07 3.04 0.00	35.26 2.49 0.00	30.27 2.22 0.00	27.89 2.14 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.91 -2.52 0.00	23.16 -2.37 0.00	23.00 -2.36 0.00	22.74 -2.30 0.00	23.30 -2.28 0.00	26.86 -1.93 0.00	36.50 -3.09 0.00	44.48 -4.71 0.94	37.39 -3.98 0.08	33.97 -2.91 0.01	28.72 -2.43 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.04 -2.29 0.00	30.25 -2.78 0.09	31.50 -3.08 1.23	33.51 -4.01 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.03 0.02
PACKARD__115KV_DUPONT_184 80571	24.91 -2.52 0.00	23.16 -2.37 0.00	23.00 -2.36 0.00	22.74 -2.30 0.00	23.30 -2.28 0.00	26.86 -1.93 0.00	36.50 -3.09 0.00	44.48 -4.71 0.94	37.39 -3.98 0.08	33.97 -2.91 0.01	28.72 -2.43 0.00	28.17 -2.28 0.00	29.13 -2.33 0.00	28.58 -2.12 0.00	29.04 -2.29 0.00	30.25 -2.78 0.09	31.50 -3.08 1.23	33.51 -4.01 5.58	36.65 -5.02 10.62	34.99 -4.16 2.48	27.69 -3.43 7.91	26.95 -2.75 3.07	25.71 -2.33 0.02	23.70 -2.03 0.02
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	29.36 1.92 -0.01	27.31 1.76 -0.01	27.09 1.72 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.48 1.70 0.00	41.33 1.74 0.00	52.58 2.46 0.00	43.61 2.16 0.00	39.03 2.14 0.00	32.99 1.84 0.00	32.31 1.86 0.00	33.40 1.95 0.00	32.61 1.90 0.00	33.31 1.97 0.00	35.40 2.28 0.00	38.24 2.43 0.00	45.73 2.63 0.00	55.37 3.08 0.00	44.09 2.46 0.00	41.41 2.38 0.00	34.84 2.06 0.00	30.16 2.10 0.00	27.85 2.09 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	29.55 2.11 -0.01	27.49 1.94 -0.01	27.27 1.90 -0.01	26.89 1.83 -0.01	27.43 1.84 -0.01	30.66 1.87 0.00	41.60 2.02 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.43 1.98 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.49 2.16 0.00	35.56 2.45 0.00	38.38 2.58 0.00	46.08 2.97 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.61 2.58 0.00	35.00 2.23 0.00	30.33 2.27 0.00	28.03 2.27 -0.01
PATROON__115KV_TB1 80586	28.39 0.96 0.00	26.46 0.92 0.00	26.27 0.91 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.71 0.92 0.00	40.85 1.27 0.00	51.93 1.80 0.00	42.99 1.53 0.00	38.11 1.22 0.00	32.24 1.09 0.00	31.48 1.04 0.00	32.52 1.07 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.40 1.29 0.00	37.20 1.40 0.00	44.87 1.77 0.00	54.38 2.09 0.00	43.30 1.67 0.00	40.55 1.52 0.00	34.02 1.25 0.00	29.12 1.07 0.00	26.74 0.98 0.00
PATTRSNVILLE___SOLAR 323815	28.72 1.29 0.00	26.74 1.20 0.00	26.55 1.19 0.00	26.23 1.18 0.00	26.76 1.18 0.00	30.05 1.27 0.00	41.52 1.94 0.00	52.73 2.60 0.00	43.45 1.99 0.00	38.41 1.51 0.00	32.30 1.15 0.00	31.54 1.09 0.00	32.71 1.26 0.00	31.93 1.23 0.00	32.62 1.29 0.00	34.77 1.65 0.00	37.59 1.79 0.00	45.34 2.24 0.00	55.06 2.77 0.00	43.84 2.21 0.00	41.02 1.99 0.00	34.41 1.64 0.00	29.43 1.37 0.00	27.07 1.31 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	25.93 -1.51 0.00	24.11 -1.43 0.00	23.94 -1.42 0.00	23.65 -1.40 0.00	24.25 -1.33 0.00	27.98 -0.81 0.00	38.12 -1.46 0.00	48.77 -0.70 0.65	40.58 -0.83 0.05	35.56 -1.33 0.01	30.12 -1.03 0.00	29.41 -1.04 0.00	30.42 -1.04 0.00	29.90 -0.80 0.00	30.36 -0.97 0.00	32.63 -0.43 0.05	33.90 -0.50 1.40	36.16 -0.60 6.34	39.60 -0.84 11.86	39.27 -0.83 1.54	29.41 -0.62 8.99	28.75 -0.52 3.50	27.39 -0.65 0.02	24.86 -0.88 0.02
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.16 1.73 0.00	27.20 1.66 0.00	26.98 1.62 0.00	26.63 1.58 0.00	27.17 1.59 0.00	30.45 1.67 0.00	41.80 2.22 0.00	53.38 3.26 0.00	44.32 2.86 0.00	39.44 2.55 0.00	33.20 2.06 0.00	32.40 1.95 0.00	33.53 2.08 0.00	32.73 2.03 0.00	33.46 2.13 0.00	35.50 2.38 0.00	38.45 2.65 0.00	46.33 3.23 0.00	56.31 4.03 0.00	44.63 3.00 0.00	41.80 2.77 0.00	35.10 2.33 0.00	29.99 1.94 0.00	27.59 1.83 0.00
PEEKSKILL____ 23653	28.81 1.37 0.00	26.71 1.18 0.00	26.58 1.22 0.00	26.23 1.18 0.00	26.76 1.18 0.00	29.99 1.21 0.00	41.29 1.70 0.00	52.78 2.65 0.00	43.65 2.20 0.00	38.85 1.95 0.00	32.77 1.62 0.00	32.12 1.67 0.00	33.18 1.73 0.00	32.42 1.72 0.00	33.12 1.78 0.00	35.17 2.05 0.00	38.02 2.22 0.00	45.77 2.67 0.00	55.58 3.30 0.00	44.22 2.58 0.00	41.45 2.42 0.00	34.77 2.00 0.00	29.82 1.77 0.00	27.43 1.67 0.00

PGE MADISON___WINDPWR 24146	28.72 1.29 0.00	26.69 1.15 0.00	26.35 0.99 0.00	26.10 1.05 0.00	26.63 1.05 0.00	30.38 1.55 -0.04	42.40 2.54 -0.27	57.89 5.12 -2.65	45.47 3.81 -0.20	39.68 2.77 -0.02	33.05 1.90 0.00	32.09 1.64 0.00	33.34 1.89 0.00	32.64 1.94 0.00	33.21 1.88 0.00	35.54 2.22 -0.21	41.36 2.54 -3.02	60.42 3.58 -13.74	80.31 4.86 -23.16	51.60 3.45 -6.51	61.36 2.77 -19.56	42.77 2.39 -7.61	29.96 1.85 -0.05	27.25 1.44 -0.05
PIERCEFIELD___HYD 23852	28.70 1.26 0.00	26.76 1.23 0.00	26.43 1.07 0.00	26.20 1.15 0.00	26.73 1.15 0.00	30.39 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.44 2.98 0.00	38.85 1.96 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.17 2.07 0.00	51.43 3.45 4.31	42.79 2.21 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.52 0.00
PINELAWN_CC_1 323563	29.89 2.44 -0.01	27.66 2.12 -0.01	27.49 2.13 0.00	27.11 2.05 -0.01	27.68 2.10 0.00	31.07 2.27 -0.01	41.21 1.62 0.00	52.43 2.31 0.00	43.41 1.95 0.00	38.66 1.77 0.00	33.02 1.87 0.00	32.76 2.31 0.00	33.09 1.63 0.00	32.54 1.84 0.00	32.93 1.60 0.00	34.74 1.62 0.00	37.55 1.75 0.00	45.38 2.28 0.00	55.16 2.87 0.00	44.09 2.46 0.00	41.17 2.15 0.00	35.33 2.56 0.00	30.93 2.86 -0.01	28.44 2.68 -0.01
PJM_GEN_HTP_PROXY 323702	28.94 1.51 0.00	26.81 1.28 0.00	26.70 1.34 0.00	26.35 1.30 0.00	26.86 1.28 0.00	30.08 1.30 0.00	41.45 1.86 0.00	53.03 2.91 0.00	43.86 2.40 0.00	39.11 2.21 0.00	32.99 1.84 0.00	32.34 1.89 0.00	33.44 1.98 0.00	32.67 1.97 0.00	33.37 2.04 0.00	35.43 2.32 0.00	38.27 2.47 0.00	45.99 2.89 0.00	55.79 3.50 0.00	44.38 2.75 0.00	41.69 2.66 0.00	34.93 2.16 0.00	30.02 1.96 0.00	27.61 1.86 0.00
PJM_GEN_KEystone 24065	27.08 -0.36 0.00	25.23 -0.31 0.00	25.03 -0.33 0.00	24.75 -0.30 0.00	25.30 -0.28 0.00	28.61 -0.17 0.00	39.31 -0.28 0.00	49.69 0.15 0.59	41.45 0.04 0.05	35.03 -0.11 1.75	31.18 0.03 0.00	29.50 -0.06 0.89	28.43 -0.03 2.99	28.48 0.03 2.25	28.65 0.03 2.71	30.70 0.13 2.55	35.28 0.18 0.70	40.21 0.30 3.20	46.70 0.37 5.96	40.45 0.25 1.44	34.74 0.24 4.53	31.17 0.16 1.77	28.21 0.17 0.01	25.90 0.16 0.01
PJM_GEN_NEPTUNE_PROXY 323594	29.39 1.95 -0.01	27.26 1.71 -0.01	27.14 1.77 0.00	26.76 1.70 -0.01	27.30 1.71 0.00	30.61 1.81 -0.01	40.85 1.27 0.00	52.03 1.90 0.00	43.07 1.62 0.00	38.44 1.55 0.00	32.77 1.62 0.00	32.46 2.01 0.00	33.18 1.73 0.00	32.61 1.90 0.00	33.15 1.82 0.00	34.97 1.85 0.00	37.77 1.97 0.00	45.51 2.41 0.00	55.27 2.98 0.00	44.05 2.41 0.00	41.14 2.11 0.00	34.93 2.16 0.00	30.48 2.41 -0.01	28.00 2.24 -0.01
PJM_GEN_VFT_PROXY 323633	28.81 1.37 0.00	26.69 1.15 0.00	26.58 1.22 0.00	26.23 1.18 0.00	26.73 1.15 0.00	29.91 1.12 0.00	41.21 1.62 0.00	52.73 2.60 0.00	43.61 2.15 0.00	38.92 2.03 0.00	32.83 1.68 0.00	32.21 1.77 0.00	33.31 1.86 0.00	32.51 1.81 0.00	33.21 1.88 0.00	35.30 2.18 0.00	38.13 2.33 0.00	45.69 2.63 0.04	55.43 3.14 0.00	44.13 2.50 0.00	41.53 2.50 0.00	34.77 2.00 0.00	29.91 1.85 0.00	27.51 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	28.31 0.88 0.00	26.43 0.89 0.00	26.17 0.81 0.00	25.88 0.83 0.00	26.43 0.84 0.00	29.25 0.46 0.00	40.46 0.87 0.00	50.38 0.25 0.00	41.96 0.50 0.00	37.30 0.41 0.00	31.62 0.47 0.00	30.97 0.52 0.00	31.93 0.47 0.00	31.19 0.49 0.00	31.74 0.41 0.00	33.35 0.23 0.00	35.87 0.07 0.00	42.58 -0.52 0.00	41.65 -0.78 9.85	38.74 -0.50 2.40	39.38 0.35 0.00	32.90 0.13 0.00	27.89 -0.17 0.00	25.47 -0.28 0.00
PLEASANTVLY___LBMP 24000	28.83 1.40 0.00	26.84 1.30 0.00	26.63 1.27 0.00	26.25 1.20 0.00	26.78 1.20 0.00	30.05 1.27 0.00	41.21 1.62 0.00	52.58 2.46 0.00	43.57 2.11 0.00	38.74 1.84 0.00	32.74 1.59 0.00	32.00 1.55 0.00	33.06 1.60 0.00	32.27 1.57 0.00	32.99 1.66 0.00	35.00 1.89 0.00	37.88 2.08 0.00	45.56 2.46 0.00	55.32 3.03 0.00	44.01 2.37 0.00	41.22 2.19 0.00	34.61 1.84 0.00	29.68 1.63 0.00	27.30 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.03 1.59 0.00	26.99 1.46 0.00	26.78 1.42 0.00	26.40 1.35 0.00	26.94 1.36 0.00	30.20 1.41 0.00	41.45 1.86 0.00	52.93 2.81 0.00	43.86 2.40 0.00	39.00 2.10 0.00	32.99 1.84 0.00	32.25 1.80 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.27 2.15 0.00	38.16 2.36 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.53 2.50 0.00	34.87 2.10 0.00	29.88 1.82 0.00	27.51 1.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.03 1.59 0.00	26.99 1.46 0.00	26.78 1.42 0.00	26.40 1.35 0.00	26.94 1.36 0.00	30.20 1.41 0.00	41.45 1.86 0.00	52.93 2.81 0.00	43.86 2.40 0.00	39.00 2.10 0.00	32.99 1.84 0.00	32.25 1.80 0.00	33.31 1.86 0.00	32.54 1.84 0.00	33.24 1.91 0.00	35.27 2.15 0.00	38.16 2.36 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.53 2.50 0.00	34.87 2.10 0.00	29.88 1.82 0.00	27.51 1.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.03 1.59 0.00	26.99 1.46 0.00	26.78 1.42 0.00	26.40 1.35 0.00	26.99 1.41 0.00	30.25 1.47 0.00	41.56 1.98 0.00	53.08 2.96 0.00	43.95 2.49 0.00	39.00 2.10 0.00	32.89 1.74 0.00	32.06 1.61 0.00	33.18 1.73 0.00	32.36 1.66 0.00	33.12 1.79 0.00	35.13 2.02 0.00	38.06 2.26 0.00	45.90 2.80 0.00	55.74 3.45 0.00	44.26 2.62 0.00	41.45 2.42 0.00	34.80 2.03 0.00	29.77 1.71 0.00	27.43 1.67 0.00
POLETTI___ 23519	29.08 1.65 0.00	27.07 1.53 0.00	26.83 1.47 0.00	26.43 1.38 0.00	26.96 1.38 0.00	30.20 1.41 0.00	41.40 1.82 0.01	52.87 2.76 0.02	43.85 2.40 0.02	39.05 2.18 0.02	33.00 1.87 0.02	32.32 1.89 0.02	33.39 1.95 0.02	32.62 1.93 0.02	33.32 2.01 0.02	35.38 2.28 0.02	38.22 2.43 0.02	45.93 2.84 0.02	55.67 3.40 0.02	44.28 2.66 0.02	41.55 2.54 0.02	34.89 2.13 0.02	29.96 1.91 0.00	27.61 1.85 0.00
POMONA___ESR 323819	28.67 1.24 0.00	26.61 1.07 0.00	26.47 1.11 0.00	26.13 1.08 0.00	26.66 1.07 0.00	29.88 1.09 0.00	41.17 1.59 0.00	52.63 2.51 0.00	43.53 2.07 0.00	38.66 1.77 0.00	32.61 1.46 0.00	31.91 1.46 0.00	32.99 1.54 0.00	32.21 1.50 0.00	32.93 1.60 0.00	34.97 1.85 0.00	37.84 2.04 0.00	45.64 2.54 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.29 2.26 0.00	34.64 1.87 0.00	29.71 1.65 0.00	27.33 1.57 0.00
PORT_JEFF_3 23555	30.10 2.66 -0.01	27.84 2.30 -0.01	27.67 2.31 0.00	27.29 2.23 -0.01	27.83 2.25 0.00	31.30 2.50 -0.01	41.37 1.78 0.00	52.48 2.36 0.00	43.45 1.99 0.00	38.70 1.81 0.00	33.08 1.93 0.00	32.83 2.38 0.00	33.37 1.92 0.00	32.88 2.18 0.00	33.40 2.07 0.00	35.23 2.12 0.00	38.13 2.33 0.00	46.12 3.02 0.00	55.89 3.61 0.00	44.67 3.04 0.00	41.65 2.62 0.00	35.39 2.62 0.00	31.09 3.03 -0.01	28.60 2.83 -0.01

PORT_JEFF_4 23616	30.10 2.66 -0.01	27.84 2.30 -0.01	27.67 2.31 0.00	27.29 2.23 -0.01	27.83 2.25 0.00	31.30 2.50 -0.01	41.37 1.78 0.00	52.48 2.36 0.00	43.45 1.99 0.00	38.70 1.81 0.00	33.08 1.93 0.00	32.83 2.38 0.00	33.37 1.92 0.00	32.88 2.18 0.00	33.40 2.07 0.00	35.23 2.12 0.00	38.13 2.33 0.00	46.12 3.02 0.00	55.89 3.61 0.00	44.67 3.04 0.00	41.65 2.62 0.00	35.39 2.62 0.00	31.09 3.03 -0.01	28.60 2.83 -0.01
PORT_JEFF_IC 23713	30.27 2.83 -0.01	28.09 2.55 0.00	27.79 2.43 0.00	27.43 2.38 0.00	27.96 2.38 0.00	31.46 2.68 0.00	41.52 1.94 0.00	52.53 2.41 0.00	43.70 2.24 0.00	38.85 1.96 0.00	33.52 2.37 0.00	32.92 2.47 0.00	33.44 1.98 0.00	32.88 2.18 0.00	33.43 2.10 0.00	35.17 2.05 0.00	38.13 2.33 0.00	45.82 2.72 0.00	55.90 3.61 0.00	44.71 3.08 0.00	41.64 2.62 0.00	35.52 2.75 0.00	31.06 3.00 0.00	28.60 2.83 -0.01
PPL PILGRIM_ST_GT1 24216	30.13 2.69 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.45 1.86 0.00	52.68 2.56 0.00	43.61 2.15 0.00	38.81 1.92 0.00	33.17 2.02 0.00	32.91 2.47 0.00	33.50 2.04 0.00	32.97 2.27 0.00	33.46 2.13 0.00	35.30 2.18 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.21 3.92 0.00	44.80 3.16 0.00	41.76 2.73 0.00	35.49 2.72 0.00	31.15 3.09 -0.01	28.65 2.88 -0.01
PPL PILGRIM_ST_GT2 24217	30.13 2.69 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.88 2.30 0.00	31.33 2.53 -0.01	41.45 1.86 0.00	52.68 2.56 0.00	43.61 2.15 0.00	38.81 1.92 0.00	33.17 2.02 0.00	32.91 2.47 0.00	33.50 2.04 0.00	32.97 2.27 0.00	33.46 2.13 0.00	35.30 2.18 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.21 3.92 0.00	44.80 3.16 0.00	41.76 2.73 0.00	35.49 2.72 0.00	31.15 3.09 -0.01	28.65 2.88 -0.01
PPL_SHRM_GT3 24213	30.30 2.85 -0.01	28.00 2.45 -0.01	27.80 2.43 0.00	27.41 2.35 -0.01	27.96 2.38 0.00	31.44 2.65 -0.01	41.60 2.02 0.00	52.73 2.60 0.00	43.61 2.15 0.00	38.81 1.92 0.00	33.20 2.06 0.00	32.83 2.38 0.00	33.34 1.89 0.00	32.85 2.15 0.00	33.37 2.04 0.00	35.37 2.25 0.00	37.91 2.11 0.00	45.86 2.76 0.00	55.74 3.45 0.00	44.42 2.79 0.00	41.76 2.73 0.00	35.52 2.75 0.00	31.15 3.09 -0.01	28.62 2.86 -0.01
PPL_SHRM_GT4 24214	30.30 2.85 -0.01	28.00 2.45 -0.01	27.80 2.43 0.00	27.41 2.35 -0.01	27.96 2.38 0.00	31.44 2.65 -0.01	41.60 2.02 0.00	52.73 2.60 0.00	43.61 2.15 0.00	38.81 1.92 0.00	33.20 2.06 0.00	32.83 2.38 0.00	33.34 1.89 0.00	32.85 2.15 0.00	33.37 2.04 0.00	35.37 2.25 0.00	37.91 2.11 0.00	45.86 2.76 0.00	55.74 3.45 0.00	44.42 2.79 0.00	41.76 2.73 0.00	35.52 2.75 0.00	31.15 3.09 -0.01	28.62 2.86 -0.01
PROJECT___ORANGE 1 24174	26.80 -0.63 0.00	24.90 -0.64 0.00	24.73 -0.63 0.00	24.45 -0.60 0.00	24.99 -0.59 0.00	28.33 -0.52 -0.07	39.37 -0.67 -0.46	49.56 -1.15 -0.58	40.55 -0.91 0.00	36.19 -0.70 0.00	30.49 -0.65 0.00	29.81 -0.64 0.00	30.79 -0.66 0.00	30.09 -0.61 0.00	30.71 -0.63 0.00	32.35 -0.76 0.00	34.98 -0.82 0.00	42.10 -0.99 0.01	50.60 -1.25 0.43	40.68 -0.96 0.00	38.09 -0.94 0.00	31.98 -0.79 0.00	27.38 -0.67 0.00	25.11 -0.64 0.00
PROJECT___ORANGE 2 24166	26.80 -0.63 0.00	24.90 -0.64 0.00	24.73 -0.63 0.00	24.45 -0.60 0.00	24.99 -0.59 0.00	28.33 -0.52 -0.07	39.37 -0.67 -0.46	49.56 -1.15 -0.58	40.55 -0.91 0.00	36.19 -0.70 0.00	30.49 -0.65 0.00	29.81 -0.64 0.00	30.79 -0.66 0.00	30.09 -0.61 0.00	30.71 -0.63 0.00	32.35 -0.76 0.00	34.98 -0.82 0.00	42.10 -0.99 0.01	50.60 -1.25 0.43	40.68 -0.96 0.00	38.09 -0.94 0.00	31.98 -0.79 0.00	27.38 -0.67 0.00	25.11 -0.64 0.00
PUCKETT___SOLAR 323809	27.57 0.14 0.00	25.67 0.13 0.00	25.44 0.08 0.00	25.15 0.10 0.00	25.74 0.15 0.00	29.20 0.37 -0.04	40.50 0.63 -0.28	52.81 2.10 -0.58	43.02 1.53 -0.03	37.89 1.00 0.00	31.90 0.75 0.00	31.03 0.58 0.00	32.12 0.66 0.00	31.41 0.71 0.00	32.05 0.72 0.00	34.10 0.96 -0.02	37.30 1.15 -0.35	46.35 1.64 -1.61	56.74 2.09 -2.36	44.11 1.67 -0.81	42.69 1.37 -2.30	34.81 1.15 -0.89	28.96 0.90 -0.01	26.48 0.72 -0.01
PYRITES___HYD 24023	29.27 1.84 0.00	27.30 1.76 0.00	26.91 1.55 0.00	26.75 1.70 0.00	27.27 1.69 0.00	31.11 2.27 -0.05	43.91 4.00 -0.33	56.48 5.96 -0.39	45.69 4.23 0.00	39.73 2.84 0.00	32.89 1.74 0.00	31.91 1.46 0.00	33.12 1.67 0.00	32.42 1.72 0.00	32.87 1.54 0.00	34.70 1.59 0.00	37.73 1.93 0.00	46.25 3.15 0.00	53.05 5.07 4.31	43.96 3.37 1.05	41.84 2.81 0.00	35.03 2.26 0.00	29.51 1.46 0.00	26.79 1.03 0.00
QUAKERRD_115KV_BK1 80622	25.62 -1.81 0.00	23.83 -1.71 0.00	23.64 -1.72 0.00	23.37 -1.68 0.00	23.92 -1.66 0.00	27.29 -1.50 0.00	37.41 -2.18 0.00	46.14 -3.21 0.77	38.74 -2.65 0.06	34.97 -1.92 0.01	29.44 -1.71 0.00	28.87 -1.58 0.00	29.79 -1.67 0.00	29.14 -1.57 0.00	29.70 -1.63 0.00	31.00 -2.05 0.06	32.64 -2.29 0.87	36.27 -2.80 4.03	40.89 -3.40 8.00	36.94 -2.79 1.90	30.74 -2.62 5.68	28.40 -2.16 2.21	26.27 -1.77 0.01	24.12 -1.62 0.01
QUEENSBRY_115KV_TB8 356137	29.46 2.03 0.00	27.53 1.99 0.00	27.31 1.95 0.00	26.95 1.90 0.00	27.50 1.92 0.00	30.28 1.50 0.00	41.84 2.26 0.00	53.08 2.96 0.00	43.86 2.40 0.00	38.74 1.84 0.00	32.74 1.59 0.00	31.97 1.52 0.00	33.06 1.60 0.00	32.11 1.41 0.00	32.77 1.44 0.00	34.80 1.69 0.00	37.59 1.79 0.00	45.30 2.20 0.00	55.01 2.72 0.00	43.84 2.21 0.00	40.83 1.80 0.00	34.21 1.44 0.00	30.10 2.05 0.00	27.59 1.83 0.00
RAMAPO___LBMP 323565	28.78 1.34 0.00	26.76 1.23 0.00	26.55 1.19 0.00	26.15 1.10 0.00	26.71 1.13 0.00	29.99 1.21 0.00	41.13 1.54 0.00	52.53 2.41 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.64 1.50 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.87 1.54 0.00	34.87 1.76 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.32 3.03 0.00	44.05 2.41 0.00	41.18 2.15 0.00	34.57 1.80 0.00	29.63 1.57 0.00	27.28 1.52 0.00
RANKINE____ 23646	25.71 -1.73 0.00	23.90 -1.63 0.00	23.74 -1.62 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.16 -2.06 0.91	39.47 -1.91 0.08	35.26 -1.62 0.01	29.81 -1.34 0.00	29.17 -1.28 0.00	30.16 -1.29 0.00	29.66 -1.04 0.00	30.11 -1.22 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.25 -2.35 11.69	37.29 -2.04 2.30	28.50 -1.68 8.85	27.92 -1.41 3.45	26.80 -1.23 0.02	24.52 -1.21 0.02
RAVENSWOOD_GT2_1 24244	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	52.98 2.86 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00

RAVENSWOOD_GT2_2 24245	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	52.98 2.86 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT2_3 24246	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.31 1.53 0.00	41.52 1.94 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.50 2.04 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.68 2.65 0.00	35.00 2.23 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT2_4 24247	29.16 1.73 0.00	27.12 1.58 0.00	26.91 1.55 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.31 1.53 0.00	41.52 1.94 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.50 2.04 0.00	32.73 2.03 0.00	33.43 2.10 0.00	35.50 2.38 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.68 2.65 0.00	35.00 2.23 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT3_1 24248	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT3_2 24249	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT3_3 24250	29.19 1.76 0.00	27.15 1.61 0.00	26.93 1.57 0.00	26.53 1.48 0.00	27.07 1.48 0.00	30.31 1.53 0.00	41.56 1.98 0.00	53.08 2.96 0.00	43.99 2.53 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.46 2.83 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.07 2.02 0.00	27.71 1.96 0.00
RAVENSWOOD_GT3_4 24251	29.19 1.76 0.00	27.15 1.61 0.00	26.93 1.57 0.00	26.53 1.48 0.00	27.07 1.48 0.00	30.31 1.53 0.00	41.56 1.98 0.00	53.08 2.96 0.00	43.99 2.53 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	46.12 3.02 0.00	55.90 3.61 0.00	44.46 2.83 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.07 2.02 0.00	27.71 1.96 0.00
RAVENSWOOD_GT_1 23729	29.31 1.87 -0.01	27.26 1.71 -0.01	27.02 1.65 -0.01	26.61 1.55 -0.01	27.18 1.59 -0.01	30.40 1.61 0.00	41.49 1.90 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.25 2.36 0.00	33.14 1.99 0.00	32.46 2.01 0.00	33.56 2.11 0.00	32.79 2.09 0.00	33.49 2.16 0.00	35.56 2.45 0.00	38.45 2.65 0.00	45.99 2.89 0.00	55.69 3.40 0.00	44.34 2.71 0.00	41.64 2.62 0.00	35.03 2.26 0.00	30.16 2.10 0.00	27.83 2.06 -0.01
RAVENSWOOD_GT_10 24258	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT_11 24259	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD_GT_4 24252	29.13 1.70 0.01	27.09 1.56 0.01	26.88 1.52 0.01	26.47 1.43 0.01	27.01 1.43 0.01	30.28 1.50 0.00	41.52 1.94 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.02 1.96 0.00	27.66 1.91 0.01
RAVENSWOOD_GT_5 24254	29.13 1.70 0.01	27.09 1.56 0.01	26.88 1.52 0.01	26.47 1.43 0.01	27.01 1.43 0.01	30.28 1.50 0.00	41.52 1.94 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.02 1.96 0.00	27.66 1.91 0.01
RAVENSWOOD_GT_6 24253	29.13 1.70 0.01	27.09 1.56 0.01	26.88 1.52 0.01	26.47 1.43 0.01	27.01 1.43 0.01	30.28 1.50 0.00	41.52 1.94 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.02 1.96 0.00	27.66 1.91 0.01
RAVENSWOOD_GT_7 24255	29.13 1.70 0.01	27.09 1.56 0.01	26.88 1.52 0.01	26.47 1.43 0.01	27.01 1.43 0.01	30.28 1.50 0.00	41.52 1.94 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.02 1.96 0.00	27.66 1.91 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00

RAVENSWOOD_GT_9 24257	29.16 1.73 0.00	27.12 1.58 0.00	26.88 1.52 0.00	26.48 1.43 0.00	27.04 1.46 0.00	30.28 1.50 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.95 2.49 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.84 3.56 0.00	44.42 2.79 0.00	41.64 2.62 0.00	34.97 2.20 0.00	30.05 1.99 0.00	27.69 1.93 0.00
RAVENSWOOD___1 23533	29.14 1.70 -0.01	27.00 1.45 -0.01	26.89 1.52 -0.01	26.51 1.45 -0.01	27.05 1.46 -0.01	30.20 1.41 0.00	41.45 1.86 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.22 2.33 0.00	33.05 1.90 0.00	32.46 2.01 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.60 2.48 0.00	38.41 2.61 0.00	45.95 2.84 0.00	55.68 3.40 0.00	44.30 2.67 0.00	41.72 2.69 0.00	35.03 2.26 0.00	30.24 2.19 0.00	27.80 2.03 -0.01
RAVENSWOOD___2 23534	29.14 1.70 -0.01	26.97 1.43 -0.01	26.89 1.52 -0.01	26.51 1.45 -0.01	27.02 1.43 -0.01	30.20 1.41 0.00	41.45 1.86 0.00	52.88 2.76 0.00	43.82 2.36 0.00	39.18 2.29 0.00	33.05 1.90 0.00	32.43 1.98 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.56 2.45 0.00	38.41 2.61 0.00	45.95 2.84 0.00	55.68 3.40 0.00	44.30 2.67 0.00	41.69 2.66 0.00	35.03 2.26 0.00	30.22 2.16 0.00	27.80 2.03 -0.01
RAVENSWOOD___3 23535	29.02 1.59 0.00	26.86 1.33 0.00	26.78 1.42 0.00	26.40 1.35 0.00	26.91 1.33 0.00	30.14 1.35 0.00	41.49 1.90 0.00	53.03 2.91 0.00	43.86 2.40 0.00	39.14 2.25 0.00	33.02 1.87 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 1.99 0.00	33.40 2.07 0.00	35.50 2.39 0.00	38.34 2.54 0.00	46.03 2.93 0.00	55.79 3.50 0.00	44.42 2.79 0.00	41.72 2.69 0.00	35.00 2.23 0.00	30.10 2.05 0.00	27.69 1.93 0.00
RAVENSWOOD___4 23820	29.14 1.70 -0.01	26.97 1.43 -0.01	26.86 1.50 -0.01	26.51 1.45 -0.01	27.02 1.43 -0.01	30.20 1.41 0.00	41.45 1.86 0.00	52.83 2.70 0.00	43.82 2.36 0.00	39.18 2.29 0.00	33.05 1.90 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.56 2.45 0.00	38.41 2.61 0.00	45.95 2.84 0.00	55.68 3.40 0.00	44.30 2.67 0.00	41.69 2.66 0.00	35.00 2.23 0.00	30.22 2.16 0.00	27.80 2.03 -0.01
RCPL_TRUST___DRP 24196	29.11 1.67 0.00	27.07 1.53 0.00	26.86 1.50 0.00	26.45 1.40 0.00	26.99 1.41 0.00	30.25 1.47 0.00	41.52 1.94 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.90 3.61 0.00	44.46 2.83 0.00	41.64 2.62 0.00	34.97 2.20 0.00	29.99 1.94 0.00	27.64 1.88 0.00
RED___ROCHESTER 323720	26.17 -1.26 0.00	24.44 -1.10 0.00	24.19 -1.17 0.00	23.95 -1.10 0.00	24.53 -1.05 0.00	27.92 -0.86 0.00	38.32 -1.27 0.00	47.22 -2.10 0.80	39.90 -1.49 0.06	35.82 -1.07 0.01	30.34 -0.81 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.66 -1.39 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.19 8.36	37.74 -1.91 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.86 -1.18 0.02	24.68 -1.06 0.02
REGAN___SOLAR 323812	29.66 2.22 0.00	27.66 2.12 0.00	27.46 2.10 0.00	27.13 2.08 0.00	27.68 2.10 0.00	31.20 2.42 0.00	43.31 3.72 0.00	54.99 4.86 0.00	45.11 3.65 0.00	39.66 2.77 0.00	33.24 2.09 0.00	32.43 1.98 0.00	33.62 2.17 0.00	32.82 2.12 0.00	33.59 2.26 0.00	35.99 2.88 0.00	38.88 3.08 0.00	47.11 4.01 0.00	57.26 4.97 0.00	45.63 4.00 0.00	42.58 3.55 0.00	35.69 2.92 0.00	30.44 2.38 0.00	27.92 2.16 0.00
RENSSELAER___COGEN 23796	28.20 0.77 0.00	26.25 0.71 0.00	26.10 0.74 0.00	25.75 0.70 0.00	26.27 0.69 0.00	29.53 0.75 0.00	40.69 1.11 0.00	51.73 1.60 0.00	42.78 1.33 0.00	37.92 1.03 0.00	32.05 0.90 0.00	31.33 0.88 0.00	32.37 0.91 0.00	31.56 0.86 0.00	32.24 0.91 0.00	34.20 1.09 0.00	37.02 1.22 0.00	44.61 1.51 0.00	54.12 1.83 0.00	43.09 1.46 0.00	40.40 1.37 0.00	33.85 1.08 0.00	29.01 0.95 0.00	26.63 0.88 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.51 3.07 0.00	28.55 3.01 0.00	28.30 2.94 0.00	27.93 2.88 0.00	28.50 2.92 0.00	31.55 2.76 0.00	43.74 4.16 0.00	55.44 5.31 0.00	45.69 4.23 0.00	40.21 3.32 0.00	33.98 2.83 0.00	33.19 2.74 0.00	34.28 2.83 0.00	33.28 2.58 0.00	33.93 2.60 0.00	36.16 3.05 0.00	39.06 3.26 0.00	47.28 4.18 0.00	57.46 5.18 0.00	45.80 4.16 0.00	42.54 3.51 0.00	35.52 2.75 0.00	31.11 3.06 0.00	28.46 2.70 0.00
REVERE_CPPR_DRP 24186	28.20 0.77 0.00	26.23 0.69 0.00	25.97 0.61 0.00	25.73 0.68 0.00	26.27 0.69 0.00	29.80 0.98 -0.03	41.42 1.58 -0.25	53.07 2.66 -0.28	43.49 2.03 0.00	38.41 1.51 0.00	32.18 1.03 0.00	31.33 0.88 0.00	32.49 1.04 0.00	31.78 1.07 0.00	32.37 1.03 0.00	34.21 1.09 0.00	37.09 1.29 0.00	44.91 1.81 0.01	54.73 2.61 0.18	43.42 1.79 0.00	40.43 1.41 0.00	34.02 1.25 0.00	28.98 0.93 0.00	26.50 0.75 0.00
REYNOLDS_115KV_TB3 80639	28.50 1.07 0.00	26.56 1.02 0.00	26.37 1.01 0.00	26.03 0.98 0.00	26.55 0.97 0.00	29.82 1.04 0.00	41.01 1.43 0.00	52.13 2.01 0.00	43.12 1.66 0.00	38.22 1.33 0.00	32.33 1.18 0.00	31.61 1.16 0.00	32.65 1.20 0.00	31.84 1.14 0.00	32.49 1.16 0.00	34.50 1.39 0.00	37.34 1.54 0.00	45.00 1.90 0.00	54.59 2.30 0.00	43.46 1.83 0.00	40.71 1.68 0.00	34.15 1.38 0.00	29.23 1.18 0.00	26.86 1.11 0.00
RIVERBAY____ 323610	29.55 2.11 -0.01	27.49 1.94 -0.01	27.27 1.90 -0.01	26.89 1.83 -0.01	27.43 1.84 -0.01	30.66 1.87 0.00	41.60 2.02 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.22 2.32 0.00	33.14 1.99 0.00	32.43 1.98 0.00	33.56 2.11 0.00	32.76 2.06 0.00	33.49 2.16 0.00	35.56 2.45 0.00	38.38 2.58 0.00	46.08 2.97 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.61 2.58 0.00	35.00 2.23 0.00	30.33 2.27 0.00	28.03 2.27 -0.01
RIVERSDE_115KV_TB3 55908	28.39 0.96 0.00	26.46 0.92 0.00	26.30 0.94 0.00	25.93 0.88 0.00	26.48 0.90 0.00	29.71 0.92 0.00	40.85 1.27 0.00	51.98 1.85 0.00	42.99 1.53 0.00	38.11 1.22 0.00	32.24 1.09 0.00	31.48 1.04 0.00	32.52 1.07 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.40 1.29 0.00	37.23 1.43 0.00	44.87 1.77 0.00	54.38 2.09 0.00	43.34 1.71 0.00	40.55 1.52 0.00	34.02 1.25 0.00	29.15 1.09 0.00	26.76 1.00 0.00
ROARING___BROOK_WT_PWR 323790	26.69 -0.74 0.00	24.80 -0.74 0.00	24.60 -0.76 0.00	24.27 -0.78 0.00	24.76 -0.82 0.00	27.81 -0.98 0.00	38.24 -1.35 0.00	48.32 -1.80 0.00	39.92 -1.53 0.00	35.64 -1.25 0.00	30.18 -0.97 0.00	29.60 -0.85 0.00	30.57 -0.88 0.00	29.84 -0.86 0.00	30.39 -0.94 0.00	31.99 -1.13 0.00	34.48 -1.32 0.00	41.33 -1.77 0.00	34.56 -2.25 15.48	0.00 -1.79 39.84	0.00 -1.60 37.43	0.00 -1.35 31.43	0.00 -1.18 26.88	0.00 -1.11 24.65

ROCHESRG_115KV_T4 355643	25.98 -1.45 0.00	24.16 -1.38 0.00	23.94 -1.42 0.00	23.70 -1.35 0.00	24.25 -1.33 0.00	27.72 -1.07 0.00	37.96 -1.62 0.00	46.73 -2.61 0.79	39.20 -2.20 0.06	35.45 -1.44 0.01	29.87 -1.28 0.00	29.29 -1.16 0.00	30.23 -1.23 0.00	29.60 -1.11 0.00	30.14 -1.19 0.00	31.43 -1.62 0.06	33.04 -1.86 0.89	36.73 -2.24 4.13	41.27 -2.77 8.25	37.35 -2.33 1.95	31.12 -2.11 5.81	28.78 -1.74 2.26	26.64 -1.40 0.02	24.50 -1.24 0.02
ROCHESTER_9_IC 23652	26.09 -1.34 0.00	24.23 -1.30 0.00	24.04 -1.32 0.00	23.80 -1.25 0.00	24.35 -1.23 0.00	27.86 -0.92 0.00	38.16 -1.43 0.00	46.97 -2.36 0.80	39.40 -1.99 0.06	35.67 -1.22 0.01	30.03 -1.12 0.00	29.47 -0.97 0.00	30.38 -1.07 0.00	29.75 -0.95 0.00	30.30 -1.03 0.00	31.59 -1.46 0.06	33.24 -1.65 0.91	36.88 -2.03 4.20	41.48 -2.46 8.36	37.53 -2.12 1.98	31.21 -1.91 5.91	28.90 -1.57 2.30	26.78 -1.26 0.02	24.61 -1.13 0.02
ROCKVIEW_13_KV_LD 356306	29.11 1.67 0.00	27.07 1.53 0.00	26.86 1.50 0.00	26.45 1.40 0.00	26.99 1.41 0.00	30.28 1.50 0.00	41.52 1.94 0.00	53.08 2.96 0.00	43.99 2.53 0.00	39.14 2.25 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.47 2.01 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.43 2.32 0.00	38.31 2.51 0.00	46.08 2.97 0.00	55.95 3.66 0.00	44.51 2.87 0.00	41.68 2.65 0.00	35.00 2.23 0.00	29.99 1.94 0.00	27.61 1.85 0.00
ROME____115KV_TB2 80656	28.20 0.77 0.00	26.23 0.69 0.00	25.97 0.61 0.00	25.73 0.68 0.00	26.27 0.69 0.00	29.80 0.98 -0.03	41.42 1.58 -0.25	53.07 2.66 -0.28	43.49 2.03 0.00	38.41 1.51 0.00	32.18 1.03 0.00	31.33 0.88 0.00	32.49 1.04 0.00	31.78 1.07 0.00	32.37 1.03 0.00	34.21 1.09 0.00	37.09 1.29 0.00	44.91 1.81 0.01	54.73 2.61 0.18	43.42 1.79 0.00	40.43 1.41 0.00	34.02 1.25 0.00	28.98 0.93 0.00	26.50 0.75 0.00
ROSETON___1 23587	28.67 1.24 0.00	26.61 1.07 0.00	26.47 1.11 0.00	26.13 1.08 0.00	26.63 1.05 0.00	29.88 1.09 0.00	41.13 1.54 0.00	52.53 2.41 0.00	43.45 1.99 0.00	38.66 1.77 0.00	32.61 1.46 0.00	31.94 1.49 0.00	32.99 1.54 0.00	32.21 1.50 0.00	32.93 1.60 0.00	34.93 1.82 0.00	37.80 2.00 0.00	45.51 2.41 0.00	55.21 2.93 0.00	43.96 2.33 0.00	41.21 2.18 0.00	34.57 1.80 0.00	29.65 1.60 0.00	27.28 1.52 0.00
ROSETON___2 23588	28.67 1.24 0.00	26.61 1.07 0.00	26.47 1.11 0.00	26.13 1.08 0.00	26.63 1.05 0.00	29.88 1.09 0.00	41.13 1.54 0.00	52.53 2.41 0.00	43.45 1.99 0.00	38.66 1.77 0.00	32.61 1.46 0.00	31.94 1.49 0.00	32.99 1.54 0.00	32.21 1.50 0.00	32.93 1.60 0.00	34.93 1.82 0.00	37.80 2.00 0.00	45.51 2.41 0.00	55.21 2.93 0.00	43.96 2.33 0.00	41.21 2.18 0.00	34.57 1.80 0.00	29.65 1.60 0.00	27.28 1.52 0.00
ROTRDAM_115KV_TB3 80664	28.45 1.02 0.00	26.51 0.97 0.00	26.35 0.99 0.00	26.00 0.95 0.00	26.55 0.97 0.00	29.76 0.98 0.00	40.97 1.39 0.00	52.03 1.90 0.00	42.99 1.53 0.00	38.11 1.22 0.00	32.15 1.00 0.00	31.42 0.97 0.00	32.49 1.04 0.00	31.68 0.98 0.00	32.37 1.03 0.00	34.37 1.26 0.00	37.16 1.36 0.00	44.78 1.68 0.00	54.33 2.04 0.00	43.30 1.67 0.00	40.51 1.48 0.00	33.98 1.21 0.00	29.18 1.12 0.00	26.79 1.03 0.00
RUSSELL___1 23602	26.17 -1.26 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.95 -0.83 0.00	38.28 -1.31 0.00	47.22 -2.11 0.80	39.61 -1.78 0.06	35.85 -1.03 0.01	30.15 -1.00 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.73 -1.32 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.20 8.36	37.74 -1.92 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.89 -1.15 0.02	24.68 -1.06 0.02
RUSSELL___2 23532	26.17 -1.26 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.95 -0.83 0.00	38.28 -1.31 0.00	47.22 -2.11 0.80	39.61 -1.78 0.06	35.85 -1.03 0.01	30.15 -1.00 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.73 -1.32 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.20 8.36	37.74 -1.92 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.89 -1.15 0.02	24.68 -1.06 0.02
RUSSELL___3 23549	26.17 -1.26 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.95 -0.83 0.00	38.28 -1.31 0.00	47.22 -2.11 0.80	39.61 -1.78 0.06	35.85 -1.03 0.01	30.15 -1.00 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.73 -1.32 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.20 8.36	37.74 -1.92 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.89 -1.15 0.02	24.68 -1.06 0.02
RUSSELL___4 23556	26.17 -1.26 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.95 -0.83 0.00	38.28 -1.31 0.00	47.22 -2.11 0.80	39.61 -1.78 0.06	35.85 -1.03 0.01	30.15 -1.00 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.73 -1.32 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.20 8.36	37.74 -1.92 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.89 -1.15 0.02	24.68 -1.06 0.02
RUSSELL___STATION 23914	26.17 -1.26 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.95 -0.83 0.00	38.28 -1.31 0.00	47.22 -2.11 0.80	39.61 -1.78 0.06	35.85 -1.03 0.01	30.15 -1.00 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.73 -1.32 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.20 8.36	37.74 -1.92 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.89 -1.15 0.02	24.68 -1.06 0.02
S SALMON___HYD 24043	27.05 -0.38 0.00	25.18 -0.36 0.00	24.98 -0.38 0.00	24.70 -0.35 0.00	25.25 -0.33 0.00	28.68 -0.26 -0.15	40.39 -0.28 -1.08	51.07 -0.35 -1.29	41.12 -0.33 0.00	36.45 -0.44 0.00	30.62 -0.53 0.00	29.84 -0.61 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.74 -0.60 0.00	32.42 -0.70 0.00	35.16 -0.64 0.00	42.47 -0.65 -0.02	51.84 -0.57 -0.13	41.09 -0.46 0.08	38.45 -0.58 0.00	32.28 -0.49 0.00	27.55 -0.50 0.00	25.24 -0.51 0.00
S.PERRY__115KV_TB1 80734	26.72 -0.71 0.00	24.80 -0.74 0.00	24.57 -0.79 0.00	24.32 -0.73 0.00	24.94 -0.64 0.00	28.67 -0.12 0.00	39.39 -0.20 0.00	48.46 -0.05 1.62	41.04 -0.29 0.13	36.73 -0.15 0.01	30.81 -0.34 0.00	30.11 -0.33 0.00	31.05 -0.41 0.00	30.43 -0.28 0.00	31.02 -0.31 0.00	32.48 -0.50 0.13	33.36 -0.50 1.94	33.83 -0.43 8.84	35.91 -0.31 16.06	37.23 -0.33 4.07	26.14 -0.35 12.54	27.63 -0.26 4.88	27.71 -0.31 0.03	25.29 -0.44 0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.43 -2.00 0.00	23.65 -1.89 0.00	23.48 -1.88 0.00	23.22 -1.83 0.00	23.79 -1.79 0.00	27.40 -1.38 0.00	37.33 -2.26 0.00	46.20 -3.11 0.82	38.63 -2.74 0.09	34.82 -2.07 0.01	29.44 -1.71 0.00	28.84 -1.61 0.00	29.82 -1.64 0.00	29.29 -1.41 0.00	29.73 -1.60 0.00	31.14 -1.89 0.09	32.35 -2.15 1.30	34.67 -2.63 5.81	37.91 -3.40 10.98	36.60 -2.87 2.16	28.32 -2.42 8.29	27.55 -2.00 3.23	26.38 -1.66 0.02	24.21 -1.52 0.02

SAWYER___23_KV_LOAD 55526	25.43	23.65	23.48	23.22	23.79	27.40	37.33	46.20	38.63	34.82	29.44	28.84	29.82	29.29	29.73	31.14	32.35	34.67	37.91	36.60	28.32	27.55	26.38	24.21
	-2.00	-1.89	-1.88	-1.83	-1.79	-1.38	-2.26	-3.11	-2.74	-2.07	-1.71	-1.61	-1.64	-1.41	-1.60	-1.89	-2.15	-2.63	-3.40	-2.87	-2.42	-2.00	-1.66	-1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.09	1.30	5.81	10.98	2.16	8.29	3.23	0.02	0.02
SELKIRK___I 23801	28.31	26.38	26.22	25.87	26.40	29.65	40.85	51.88	42.87	37.92	31.99	31.24	32.24	31.44	32.15	34.17	37.05	44.70	54.17	43.17	40.47	33.92	29.06	26.68
	0.88	0.84	0.86	0.83	0.82	0.86	1.27	1.75	1.41	1.03	0.84	0.79	0.79	0.74	0.81	1.06	1.25	1.60	1.88	1.54	1.44	1.15	1.01	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	28.23	26.28	26.12	25.78	26.30	29.56	40.73	51.78	42.78	37.92	32.02	31.30	32.30	31.50	32.18	34.14	36.98	44.52	54.01	43.00	40.32	33.82	28.95	26.61
	0.80	0.74	0.76	0.73	0.72	0.78	1.15	1.65	1.33	1.03	0.87	0.85	0.85	0.80	0.85	1.03	1.18	1.42	1.72	1.37	1.29	1.05	0.90	0.85
	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
SENECA OSWGO___HYD 24041	26.72	24.87	24.68	24.40	24.94	28.39	40.17	50.45	40.34	35.93	30.31	29.60	30.57	29.84	30.45	32.09	34.73	41.84	51.61	40.47	37.86	31.82	27.24	24.96
	-0.71	-0.66	-0.68	-0.65	-0.64	-0.61	-0.91	-1.46	-1.12	-0.96	-0.84	-0.85	-0.88	-0.86	-0.88	-1.03	-1.07	-1.29	-1.57	-1.17	-1.17	-0.95	-0.81	-0.80
	0.00	0.00	0.00	0.00	0.00	-0.21	-1.50	-1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.89	0.00	0.00	0.00	0.00	0.00
SENECA___115KV_TB3 355854	25.73	23.93	23.76	23.50	24.07	27.75	37.80	47.21	39.51	35.30	29.87	29.23	30.23	29.72	30.17	31.81	32.99	35.10	38.35	37.37	28.54	27.95	26.85	24.55
	-1.70	-1.61	-1.60	-1.55	-1.51	-1.04	-1.78	-2.01	-1.87	-1.59	-1.28	-1.22	-1.23	-0.98	-1.16	-1.23	-1.43	-1.77	-2.25	-1.96	-1.64	-1.38	-1.18	-1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.08	1.38	6.23	11.69	2.30	8.85	3.45	0.02	0.02
SENECA___ENERGY 23797	26.61	24.77	24.60	24.30	24.89	28.36	39.52	49.06	40.69	36.22	30.56	29.84	30.79	30.12	30.71	32.26	34.04	38.05	43.94	38.83	32.30	29.72	27.37	25.05
	-0.82	-0.77	-0.76	-0.75	-0.69	-0.52	-0.71	-1.06	-0.71	-0.66	-0.59	-0.61	-0.66	-0.58	-0.63	-0.80	-0.86	-0.95	-1.10	-0.88	-0.90	-0.79	-0.67	-0.69
	0.00	0.00	0.00	0.00	0.00	-0.09	-0.64	0.01	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.90	4.11	7.25	1.93	5.83	2.27	0.02	0.02
SHOEMAKER___GT 23640	28.89	26.79	26.65	26.30	26.86	30.14	41.56	53.18	43.90	38.92	32.71	31.91	33.06	32.21	33.02	35.03	37.99	45.90	55.85	44.34	41.53	34.80	29.79	27.43
	1.45	1.25	1.29	1.25	1.28	1.35	1.98	3.06	2.45	2.03	1.56	1.46	1.60	1.50	1.69	1.92	2.18	2.80	3.56	2.70	2.50	2.03	1.74	1.67
	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
SHOEMAKR_138KV_BK 111 55601	29.00	26.97	26.76	26.38	26.94	30.25	41.56	53.13	43.95	38.92	32.77	31.94	33.06	32.21	33.02	35.03	37.98	45.90	55.79	44.30	41.49	34.80	29.74	27.43
	1.56	1.43	1.39	1.33	1.36	1.47	1.98	3.01	2.49	2.03	1.62	1.49	1.60	1.50	1.69	1.92	2.18	2.80	3.50	2.66	2.46	2.03	1.68	1.67
	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
SHOREHAM_IC_1 23715	30.30	28.00	27.80	27.41	27.96	31.44	41.60	52.73	43.61	38.81	33.20	32.83	33.34	32.85	33.37	35.37	37.91	45.86	55.74	44.42	41.76	35.52	31.15	28.62
	2.85	2.45	2.43	2.35	2.38	2.65	2.02	2.60	2.15	1.92	2.06	2.38	1.89	2.15	2.04	2.25	2.11	2.76	3.45	2.79	2.73	2.75	3.09	2.86
	-0.01	-0.01	0.00	-0.01	0.00	-0.01	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	-0.01	-0.01
SHOREHAM_IC_2 23716	30.30	28.00	27.80	27.41	27.96	31.44	41.60	52.73	43.61	38.81	33.20	32.83	33.34	32.85	33.37	35.37	37.91	45.86	55.74	44.42	41.76	35.52	31.15	28.62
	2.85	2.45	2.43	2.35	2.38	2.65	2.02	2.60	2.15	1.92	2.06	2.38	1.89	2.15	2.04	2.25	2.11	2.76	3.45	2.79	2.73	2.75	3.09	2.86
	-0.01	-0.01	0.00	-0.01	0.00	-0.01	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	-0.01	-0.01
SISSONVILLE____ 23735	28.70	26.76	26.43	26.20	26.73	30.39	42.73	54.73	44.44	38.85	32.36	31.45	32.62	31.90	32.40	34.14	37.05	45.17	51.43	42.79	40.86	34.21	28.87	26.27
	1.26	1.23	1.07	1.15	1.15	1.55	2.81	4.21	2.98	1.96	1.21	1.00	1.16	1.20	1.07	1.03	1.25	2.07	3.45	2.21	1.83	1.44	0.81	0.52
	0.00	0.00	0.00	0.00	0.00	-0.05	-0.33	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.31	1.05	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	26.42	24.62	24.42	24.12	24.66	27.23	33.84	43.06	39.76	35.42	29.90	29.23	30.19	29.47	30.08	31.72	34.30	41.03	42.20	39.89	37.35	31.40	26.88	24.68
	-1.01	-0.92	-0.94	-0.93	-0.92	-0.95	-1.46	-2.15	-1.70	-1.48	-1.25	-1.22	-1.26	-1.23	-1.25	-1.39	-1.50	-1.81	-2.19	-1.75	-1.68	-1.38	-1.18	-1.08
	0.00	0.00	0.00	0.00	0.00	0.61	4.28	4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	7.89	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS2 24170	26.42	24.62	24.42	24.12	24.66	27.23	33.84	43.06	39.76	35.42	29.90	29.23	30.19	29.47	30.08	31.72	34.30	41.03	42.20	39.89	37.35	31.40	26.88	24.68
	-1.01	-0.92	-0.94	-0.93	-0.92	-0.95	-1.46	-2.15	-1.70	-1.48	-1.25	-1.22	-1.26	-1.23	-1.25	-1.39	-1.50	-1.81	-2.19	-1.75	-1.68	-1.38	-1.18	-1.08
	0.00	0.00	0.00	0.00	0.00	0.61	4.28	4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	7.89	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS3 24171	26.42	24.62	24.42	24.12	24.66	27.23	33.84	43.06	39.76	35.42	29.90	29.23	30.19	29.47	30.08	31.72	34.30	41.03	42.20	39.89	37.35	31.40	26.88	24.68
	-1.01	-0.92	-0.94	-0.93	-0.92	-0.95	-1.46	-2.15	-1.70	-1.48	-1.25	-1.22	-1.26	-1.23	-1.25	-1.39	-1.50	-1.81	-2.19	-1.75	-1.68	-1.38	-1.18	-1.08
	0.00	0.00	0.00	0.00	0.00	0.61	4.28	4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	7.89	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS4 24172	26.42	24.62	24.42	24.12	24.66	27.23	33.84	43.06	39.76	35.42	29.90	29.23	30.19	29.47	30.08	31.72	34.30	41.03	42.20	39.89	37.35	31.40	26.88	24.68
	-1.01	-0.92	-0.94	-0.93	-0.92	-0.95	-1.46	-2.15	-1.70	-1.48	-1.25	-1.22	-1.26	-1.23	-1.25	-1.39	-1.50	-1.81	-2.19	-1.75	-1.68	-1.38	-1.18	-1.08
	0.00	0.00	0.00	0.00	0.00	0.61	4.28	4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	7.89	0.00	0.00	0.00	0.00	0.00

SITHE___BATAVIA 24024	25.87 -1.56 0.00	24.18 -1.35 0.00	23.94 -1.42 0.00	23.70 -1.35 0.00	24.30 -1.28 0.00	27.81 -0.98 0.00	38.12 -1.46 0.00	47.20 -1.96 0.97	39.84 -1.53 0.08	35.67 -1.22 0.01	30.34 -0.81 0.00	29.45 -1.00 0.00	30.35 -1.10 0.00	29.81 -0.89 0.00	30.33 -1.00 0.00	31.61 -1.42 0.08	33.26 -1.43 1.11	36.26 -1.77 5.08	40.31 -2.19 9.79	37.23 -1.96 2.45	30.24 -1.64 7.15	28.71 -1.28 2.78	26.83 -1.21 0.02	24.60 -1.13 0.02
SITHE___INDEPEND 23800	26.31 -1.12 0.00	24.46 -1.07 0.00	24.30 -1.07 0.00	24.02 -1.03 0.00	24.53 -1.05 0.00	27.09 -1.09 0.61	33.84 -1.46 4.28	43.06 -2.16 4.91	39.72 -1.74 0.00	35.45 -1.44 0.00	29.87 -1.28 0.00	29.23 -1.22 0.00	30.20 -1.26 0.00	29.47 -1.23 0.00	30.08 -1.25 0.00	31.72 -1.39 0.00	34.30 -1.50 0.00	41.03 -1.81 0.26	42.20 -2.20 7.89	39.88 -1.75 0.00	37.39 -1.64 0.00	31.39 -1.38 0.00	26.88 -1.18 0.00	24.67 -1.08 0.00
SITHE___MASSENA 23902	27.63 0.19 0.00	25.79 0.26 0.00	25.59 0.23 0.00	25.30 0.25 0.00	25.84 0.26 0.00	29.01 0.23 0.00	39.98 0.40 0.00	50.43 0.30 0.00	41.58 0.12 0.00	37.08 0.19 0.00	31.37 0.22 0.00	30.63 0.18 0.00	31.61 0.16 0.00	30.86 0.15 0.00	31.46 0.13 0.00	33.11 0.00 0.00	35.77 -0.04 0.00	43.02 -0.09 0.00	41.43 -0.10 10.75	38.89 -0.12 2.62	39.07 0.04 0.00	32.77 0.00 0.00	28.00 -0.06 0.00	25.70 -0.05 0.00
SITHE___OGDNSBRG 24021	29.52 2.09 0.00	27.53 1.99 0.00	27.11 1.75 0.00	26.95 1.90 0.00	27.47 1.89 0.00	31.36 2.53 -0.05	44.35 4.43 -0.33	57.08 6.57 -0.39	46.06 4.60 0.00	39.92 3.03 0.00	33.02 1.87 0.00	32.00 1.55 0.00	33.22 1.76 0.00	32.51 1.81 0.00	32.99 1.66 0.00	34.87 1.76 0.00	37.98 2.18 0.00	46.68 3.58 0.00	53.73 5.75 4.31	44.46 3.87 1.05	42.23 3.20 0.00	35.36 2.59 0.00	29.77 1.71 0.00	26.99 1.24 0.00
SITHE___STERLING 23777	27.93 0.49 0.00	26.00 0.46 0.00	25.79 0.43 0.00	25.50 0.45 0.00	26.07 0.48 0.00	29.54 0.72 -0.04	40.99 1.15 -0.26	52.38 1.95 -0.30	42.99 1.53 0.00	38.04 1.14 0.00	31.93 0.78 0.00	31.12 0.67 0.00	32.24 0.79 0.00	31.50 0.80 0.00	32.12 0.78 0.00	33.94 0.83 0.00	36.73 0.93 0.00	44.43 1.34 0.01	53.94 1.88 0.23	42.96 1.33 0.00	40.04 1.01 0.00	33.69 0.92 0.00	28.76 0.70 0.00	26.32 0.57 0.00
SLEIGHT__34_KV_TB1 80719	26.17 -1.26 0.00	24.31 -1.23 0.00	24.12 -1.24 0.00	23.85 -1.20 0.00	24.43 -1.15 0.00	27.89 -0.92 -0.02	38.45 -1.31 -0.17	47.60 -2.06 0.47	39.75 -1.66 0.05	35.78 -1.11 0.00	30.09 -1.06 0.00	29.51 -0.94 0.00	30.45 -1.01 0.00	29.78 -0.92 0.00	30.33 -1.00 0.00	31.74 -1.32 0.05	33.49 -1.54 0.77	37.71 -1.85 3.54	43.12 -2.25 6.92	38.13 -1.83 1.67	32.28 -1.76 4.99	29.39 -1.44 1.94	26.84 -1.21 0.01	24.61 -1.13 0.01
SOUTH CAIRO___GT 23612	28.97 1.54 0.00	27.02 1.48 0.00	26.86 1.50 0.00	26.50 1.45 0.00	27.07 1.48 0.00	30.40 1.61 0.00	42.08 2.49 0.00	53.43 3.31 0.00	43.99 2.53 0.00	38.55 1.66 0.00	32.33 1.18 0.00	31.39 0.94 0.00	32.46 1.01 0.00	31.56 0.86 0.00	32.40 1.07 0.00	34.50 1.39 0.00	37.52 1.72 0.00	45.56 2.46 0.00	55.43 3.14 0.00	44.01 2.37 0.00	41.14 2.11 0.00	34.48 1.70 0.00	29.37 1.32 0.00	27.07 1.31 0.00
SOUTH HAMPTN___IC 23720	30.52 3.07 -0.01	28.18 2.63 -0.01	27.97 2.61 0.00	27.59 2.53 -0.01	28.16 2.58 0.00	31.67 2.88 -0.01	41.88 2.30 0.00	53.13 3.01 0.00	43.94 2.49 0.00	39.11 2.21 0.00	33.45 2.30 0.00	33.10 2.65 0.00	33.59 2.14 0.00	33.10 2.40 0.00	33.59 2.26 0.00	35.56 2.45 0.00	38.41 2.61 0.00	46.51 3.40 0.00	56.37 4.08 0.00	44.92 3.29 0.00	41.84 2.81 0.00	35.56 2.78 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
SOUTHDOW_115KV_TB1 355954	26.12 -1.32 0.00	24.26 -1.28 0.00	24.09 -1.27 0.00	23.80 -1.25 0.00	24.43 -1.15 0.00	28.24 -0.55 0.00	38.52 -1.07 0.00	48.66 -0.35 1.11	40.74 -0.62 0.10	35.96 -0.92 0.01	30.46 -0.69 0.00	29.66 -0.79 0.00	30.70 -0.75 0.00	30.21 -0.49 0.00	30.64 -0.69 0.00	32.52 -0.50 0.10	33.62 -0.61 1.58	35.18 -0.78 7.14	38.17 -0.94 13.18	37.93 -0.92 2.79	28.10 -0.78 10.15	28.13 -0.69 3.95	27.30 -0.73 0.03	24.83 -0.90 0.03
SOUTHOLD_69_KV_BK 2 55809	30.93 3.48 -0.01	28.68 3.14 0.00	28.33 2.97 0.00	27.96 2.91 0.00	28.50 2.92 0.00	32.10 3.31 0.00	42.44 2.85 0.00	53.63 3.51 0.00	44.53 3.07 0.00	39.48 2.58 0.00	34.08 2.93 0.00	33.37 2.92 0.00	33.84 2.39 0.00	33.28 2.58 0.00	33.78 2.44 0.00	35.63 2.52 0.00	38.56 2.76 0.00	46.55 3.45 0.00	56.47 4.18 0.00	44.92 3.29 0.00	41.72 2.69 0.00	35.56 2.79 0.00	30.92 2.86 0.00	28.47 2.70 -0.01
SOUTHOLD___IC 23719	30.79 3.35 -0.01	28.43 2.88 -0.01	28.23 2.86 0.00	27.84 2.78 -0.01	28.40 2.81 0.00	31.93 3.14 -0.01	42.28 2.69 0.00	53.63 3.51 0.00	44.28 2.82 0.00	39.36 2.47 0.00	33.67 2.52 0.00	33.34 2.89 0.00	33.81 2.36 0.00	33.28 2.58 0.00	33.74 2.41 0.00	35.73 2.62 0.00	38.63 2.83 0.00	46.72 3.62 0.00	56.47 4.18 0.00	44.92 3.29 0.00	41.76 2.73 0.00	35.49 2.72 0.00	30.98 2.92 -0.01	28.47 2.70 -0.01
SOUTH_FORK_WT_PWR 323839	30.82 3.37 -0.01	28.46 2.91 -0.01	28.23 2.86 0.00	27.84 2.78 -0.01	28.40 2.81 0.00	31.93 3.14 -0.01	42.24 2.65 0.00	53.54 3.41 0.00	44.19 2.74 0.00	39.29 2.40 0.00	33.58 2.43 0.00	33.22 2.77 0.00	33.69 2.23 0.00	33.16 2.46 0.00	33.59 2.26 0.00	35.56 2.45 0.00	38.41 2.61 0.00	46.47 3.36 0.00	56.00 3.71 0.00	44.50 2.87 0.00	41.33 2.30 0.00	35.13 2.36 0.00	30.64 2.58 -0.01	28.16 2.40 -0.01
SPIERFLS_115KV_TB 1 80737	29.38 1.95 0.00	27.40 1.86 0.00	27.21 1.85 0.00	26.85 1.80 0.00	27.40 1.82 0.00	30.11 1.32 0.00	41.56 1.98 0.00	52.78 2.66 0.00	43.61 2.16 0.00	38.52 1.62 0.00	32.58 1.43 0.00	31.82 1.37 0.00	32.90 1.45 0.00	31.96 1.26 0.00	32.59 1.25 0.00	34.60 1.49 0.00	37.41 1.61 0.00	45.04 1.94 0.00	54.64 2.35 0.00	43.55 1.92 0.00	40.59 1.56 0.00	34.02 1.25 0.00	29.99 1.94 0.00	27.51 1.75 0.00
ST LAWRENCE____ 23600	27.41 -0.03 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.58 0.00 0.00	28.73 -0.06 0.00	39.55 -0.04 0.00	49.88 -0.25 0.00	41.17 -0.29 0.00	36.75 -0.15 0.00	31.06 -0.09 0.00	30.36 -0.09 0.00	31.33 -0.13 0.00	30.55 -0.15 0.00	31.18 -0.16 0.00	32.85 -0.27 0.00	35.48 -0.32 0.00	42.63 -0.47 0.00	40.96 -0.57 10.75	38.56 -0.46 2.62	38.72 -0.31 0.00	32.48 -0.30 0.00	27.75 -0.31 0.00	25.47 -0.28 0.00
STATE_CA_115KV_115_LB 55624	28.39 0.96 0.00	26.46 0.92 0.00	26.27 0.91 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.71 0.92 0.00	40.89 1.31 0.00	51.93 1.80 0.00	42.99 1.53 0.00	38.11 1.22 0.00	32.24 1.09 0.00	31.48 1.04 0.00	32.52 1.07 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.40 1.29 0.00	37.20 1.40 0.00	44.87 1.77 0.00	54.38 2.09 0.00	43.34 1.71 0.00	40.55 1.52 0.00	34.02 1.25 0.00	29.12 1.07 0.00	26.74 0.98 0.00

STATE_ST_34_KV_LOAD 55959	26.86 -0.58 0.00	24.95 -0.59 0.00	24.78 -0.58 0.00	24.50 -0.55 0.00	25.07 -0.51 0.00	28.52 -0.37 -0.11	39.92 -0.44 -0.77	49.74 -0.85 -0.47	40.76 -0.66 0.04	36.37 -0.52 0.00	30.62 -0.53 0.00	29.99 -0.46 0.00	30.95 -0.50 0.00	30.24 -0.46 0.00	30.83 -0.50 0.00	32.41 -0.66 0.04	34.51 -0.75 0.54	39.79 -0.86 2.45	47.10 -0.99 4.20	39.77 -0.71 1.15	34.80 -0.74 3.49	30.79 -0.62 1.36	27.48 -0.56 0.01	25.15 -0.59 0.01
STATION 5_MISC_HYD 23604	26.09 -1.34 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.84 -0.95 0.00	38.16 -1.42 0.00	46.97 -2.36 0.80	39.74 -1.66 0.06	35.63 -1.25 0.01	30.22 -0.93 0.00	29.47 -0.98 0.00	30.38 -1.07 0.00	29.75 -0.95 0.00	30.33 -1.00 0.00	31.53 -1.52 0.06	33.21 -1.68 0.91	36.88 -2.03 4.20	41.48 -2.46 8.36	37.57 -2.08 1.98	31.17 -1.95 5.91	28.90 -1.57 2.30	26.78 -1.26 0.02	24.61 -1.13 0.02
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.45 -0.99 0.00	24.57 -0.97 0.00	24.37 -0.99 0.00	24.12 -0.93 0.00	24.69 -0.90 0.00	28.20 -0.60 -0.02	38.88 -0.87 -0.17	48.13 -1.35 0.64	40.31 -1.08 0.07	36.22 -0.66 0.01	30.46 -0.69 0.00	29.87 -0.58 0.00	30.79 -0.66 0.00	30.12 -0.58 0.00	30.71 -0.63 0.00	32.15 -0.89 0.07	33.80 -1.04 0.96	37.47 -1.21 4.42	42.40 -1.46 8.43	38.30 -1.25 2.08	31.57 -1.21 6.25	29.36 -0.98 2.43	27.20 -0.84 0.02	24.92 -0.82 0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.90 -1.54 0.00	24.06 -1.48 0.00	23.86 -1.50 0.00	23.62 -1.43 0.00	24.17 -1.41 0.00	27.60 -1.18 0.00	37.84 -1.74 0.00	46.63 -2.71 0.79	39.16 -2.24 0.06	35.41 -1.48 0.01	29.78 -1.37 0.00	29.23 -1.22 0.00	30.16 -1.29 0.00	29.50 -1.20 0.00	30.08 -1.25 0.00	31.36 -1.69 0.06	33.01 -1.90 0.90	36.64 -2.33 4.14	41.25 -2.82 8.22	37.31 -2.37 1.95	31.02 -2.19 5.82	28.70 -1.80 2.26	26.55 -1.49 0.02	24.40 -1.34 0.02
STA_56___34_KV_BUS2 355983	25.90 -1.54 0.00	24.06 -1.48 0.00	23.86 -1.50 0.00	23.62 -1.43 0.00	24.17 -1.41 0.00	27.60 -1.18 0.00	37.84 -1.74 0.00	46.63 -2.71 0.79	39.16 -2.24 0.06	35.41 -1.48 0.01	29.78 -1.37 0.00	29.23 -1.22 0.00	30.16 -1.29 0.00	29.50 -1.20 0.00	30.08 -1.25 0.00	31.36 -1.69 0.06	33.01 -1.90 0.90	36.64 -2.33 4.14	41.25 -2.82 8.22	37.31 -2.37 1.95	31.02 -2.19 5.82	28.70 -1.80 2.26	26.55 -1.49 0.02	24.40 -1.34 0.02
STA_67___115KV_BK2 355882	26.04 -1.40 0.00	24.21 -1.33 0.00	24.02 -1.34 0.00	23.75 -1.30 0.00	24.30 -1.28 0.00	27.81 -0.98 0.00	38.08 -1.50 0.00	46.87 -2.46 0.80	39.32 -2.07 0.06	35.60 -1.29 0.01	29.97 -1.18 0.00	29.38 -1.07 0.00	30.32 -1.13 0.00	29.69 -1.01 0.00	30.24 -1.10 0.00	31.53 -1.52 0.06	33.14 -1.75 0.91	36.80 -2.11 4.19	41.33 -2.61 8.34	37.45 -2.21 1.97	31.15 -1.99 5.89	28.84 -1.64 2.29	26.72 -1.32 0.02	24.56 -1.18 0.02
STA_7___115KV_9TRANS 80674	26.17 -1.26 0.00	24.34 -1.20 0.00	24.12 -1.24 0.00	23.87 -1.18 0.00	24.43 -1.15 0.00	27.95 -0.83 0.00	38.28 -1.31 0.00	47.22 -2.11 0.80	39.61 -1.78 0.06	35.85 -1.03 0.01	30.15 -1.00 0.00	29.60 -0.85 0.00	30.54 -0.91 0.00	29.87 -0.83 0.00	30.45 -0.88 0.00	31.73 -1.32 0.06	33.39 -1.50 0.91	37.09 -1.81 4.20	41.74 -2.20 8.36	37.74 -1.92 1.98	31.37 -1.76 5.91	29.06 -1.41 2.30	26.89 -1.15 0.02	24.68 -1.06 0.02
STA_82___115KV_TB1 80780	26.06 -1.37 0.00	24.21 -1.33 0.00	24.02 -1.34 0.00	23.77 -1.28 0.00	24.33 -1.25 0.00	27.81 -0.98 0.00	38.08 -1.50 0.00	46.86 -2.46 0.81	39.32 -2.07 0.06	35.60 -1.29 0.01	29.97 -1.18 0.00	29.41 -1.04 0.00	30.35 -1.10 0.00	29.69 -1.01 0.00	30.27 -1.07 0.00	31.53 -1.52 0.06	33.16 -1.72 0.92	36.74 -2.11 4.25	41.30 -2.56 8.43	37.47 -2.16 2.00	31.06 -1.99 5.98	28.84 -1.61 2.32	26.72 -1.32 0.02	24.58 -1.16 0.02
STEEL___WIND 323596	25.62 -1.81 0.00	23.98 -1.56 0.00	23.79 -1.57 0.00	23.52 -1.53 0.00	24.12 -1.46 0.00	27.58 -1.21 0.00	37.80 -1.78 0.00	47.21 -2.01 0.91	39.64 -1.74 0.08	35.22 -1.66 0.01	30.15 -1.00 0.00	29.20 -1.25 0.00	30.19 -1.26 0.00	29.66 -1.04 0.00	30.14 -1.19 0.00	31.74 -1.29 0.08	32.95 -1.47 1.38	35.06 -1.81 6.23	38.30 -2.30 11.69	37.33 -2.00 2.30	28.50 -1.68 8.85	27.95 -1.38 3.45	26.83 -1.21 0.02	24.52 -1.21 0.02
STEPHTWN_115KV_BK_2 55603	28.56 1.12 0.00	26.61 1.07 0.00	26.43 1.07 0.00	26.08 1.03 0.00	26.60 1.02 0.00	29.91 1.12 0.00	41.21 1.62 0.00	52.33 2.21 0.00	43.28 1.82 0.00	38.33 1.44 0.00	32.43 1.28 0.00	31.67 1.22 0.00	32.71 1.26 0.00	31.87 1.17 0.00	32.55 1.22 0.00	34.57 1.46 0.00	37.45 1.65 0.00	45.21 2.11 0.00	54.80 2.51 0.00	43.67 2.04 0.00	40.83 1.80 0.00	34.25 1.47 0.00	29.29 1.23 0.00	26.89 1.13 0.00
STEUBEN_REC_LFGE 323667	26.31 -1.12 0.00	24.36 -1.17 0.00	24.17 -1.19 0.00	23.95 -1.10 0.00	24.58 -1.00 0.00	28.29 -0.52 -0.03	38.95 -0.83 -0.20	46.37 -0.25 3.51	40.89 -0.29 0.28	36.50 -0.37 0.03	30.81 -0.34 0.00	30.11 -0.33 0.00	31.11 -0.35 0.00	30.49 -0.21 0.00	30.96 -0.38 0.00	32.53 -0.30 0.29	31.17 -0.39 4.24	23.42 -0.39 19.29	18.06 -0.52 33.70	32.28 -0.50 8.85	11.07 -0.55 27.42	21.64 -0.46 10.68	27.48 -0.50 0.07	24.99 -0.70 0.07
STILLWATER___SOLAR 323814	29.00 1.56 0.00	27.02 1.48 0.00	26.83 1.47 0.00	26.50 1.45 0.00	27.01 1.43 0.00	30.14 1.35 0.00	41.68 2.10 0.00	52.93 2.81 0.00	43.69 2.24 0.00	38.70 1.81 0.00	32.67 1.53 0.00	31.94 1.49 0.00	33.03 1.57 0.00	32.18 1.47 0.00	32.84 1.50 0.00	34.90 1.79 0.00	37.73 1.93 0.00	45.51 2.41 0.00	55.21 2.93 0.00	43.96 2.33 0.00	41.10 2.07 0.00	34.44 1.67 0.00	29.54 1.49 0.00	27.30 1.55 0.00
STONY___BROOK 24151	30.13 2.69 -0.01	27.87 2.32 -0.01	27.69 2.33 0.00	27.31 2.26 -0.01	27.86 2.28 0.00	31.33 2.53 -0.01	41.41 1.82 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.14 2.00 0.00	32.89 2.44 0.00	33.44 1.98 0.00	32.94 2.24 0.00	33.46 2.13 0.00	35.30 2.18 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.00 3.71 0.00	44.80 3.16 0.00	41.72 2.69 0.00	35.46 2.69 0.00	31.12 3.06 -0.01	28.62 2.86 -0.01
STURGEON_POOL_HYD 23609	28.75 1.32 0.00	26.74 1.20 0.00	26.55 1.19 0.00	26.15 1.10 0.00	26.73 1.15 0.00	29.94 1.15 0.00	41.05 1.46 0.00	52.43 2.31 0.00	43.45 1.99 0.00	38.59 1.70 0.00	32.55 1.40 0.00	31.79 1.34 0.00	32.87 1.42 0.00	32.08 1.38 0.00	32.84 1.50 0.00	34.80 1.69 0.00	37.70 1.90 0.00	45.39 2.28 0.00	55.16 2.88 0.00	43.80 2.16 0.00	41.06 2.03 0.00	34.48 1.70 0.00	29.51 1.46 0.00	27.22 1.47 0.00
ST_LAW_115_BK7_LBMP 345037	27.41 -0.03 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.58 0.00 0.00	28.73 -0.06 0.00	39.55 -0.04 0.00	49.88 -0.25 0.00	41.17 -0.29 0.00	36.75 -0.15 0.00	31.06 -0.09 0.00	30.36 -0.09 0.00	31.33 -0.13 0.00	30.55 -0.15 0.00	31.18 -0.16 0.00	32.85 -0.27 0.00	35.44 -0.36 0.00	42.63 -0.47 0.00	40.96 -0.57 10.75	38.52 -0.50 2.62	38.72 -0.31 0.00	32.48 -0.30 0.00	27.75 -0.31 0.00	25.47 -0.28 0.00

ST_LAW_115_BK8_LBMP 345038	27.41 -0.03 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.58 0.00 0.00	28.73 -0.06 0.00	39.55 -0.04 0.00	49.88 -0.25 0.00	41.17 -0.29 0.00	36.75 -0.15 0.00	31.06 -0.09 0.00	30.36 -0.09 0.00	31.33 -0.13 0.00	30.55 -0.15 0.00	31.18 -0.16 0.00	32.85 -0.27 0.00	35.44 -0.36 0.00	42.63 -0.47 0.00	40.96 -0.57 10.75	38.52 -0.50 2.62	38.72 -0.31 0.00	32.48 -0.30 0.00	27.75 -0.31 0.00	25.47 -0.28 0.00
ST_LAW_230_BK5_LBMP 345035	27.41 -0.03 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.58 0.00 0.00	28.73 -0.06 0.00	39.55 -0.04 0.00	49.88 -0.25 0.00	41.17 -0.29 0.00	36.75 -0.15 0.00	31.06 -0.09 0.00	30.36 -0.09 0.00	31.33 -0.13 0.00	30.55 -0.15 0.00	31.18 -0.16 0.00	32.85 -0.27 0.00	35.48 -0.32 0.00	42.63 -0.47 0.00	40.96 -0.57 10.75	38.56 -0.46 2.62	38.72 -0.31 0.00	32.48 -0.30 0.00	27.75 -0.31 0.00	25.47 -0.28 0.00
ST_LAW_230_BK6_LBMP 345036	27.41 -0.03 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.58 0.00 0.00	28.73 -0.06 0.00	39.55 -0.04 0.00	49.88 -0.25 0.00	41.17 -0.29 0.00	36.75 -0.15 0.00	31.06 -0.09 0.00	30.36 -0.09 0.00	31.33 -0.13 0.00	30.55 -0.15 0.00	31.18 -0.16 0.00	32.85 -0.27 0.00	35.48 -0.32 0.00	42.63 -0.47 0.00	40.96 -0.57 10.75	38.56 -0.46 2.62	38.72 -0.31 0.00	32.48 -0.30 0.00	27.75 -0.31 0.00	25.47 -0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.83 1.40 0.00	26.81 1.28 0.00	26.60 1.24 0.00	26.23 1.18 0.00	26.78 1.20 0.00	30.08 1.30 0.00	41.25 1.66 0.00	52.73 2.61 0.00	43.65 2.20 0.00	38.70 1.81 0.00	32.68 1.53 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.14 1.44 0.00	32.93 1.60 0.00	34.90 1.79 0.00	37.81 2.00 0.00	45.64 2.54 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.25 2.22 0.00	34.61 1.84 0.00	29.63 1.57 0.00	27.30 1.55 0.00
SWANROAD_115KV_TB1 355699	24.86 -2.58 0.00	23.11 -2.43 0.00	22.95 -2.41 0.00	22.69 -2.35 0.00	23.25 -2.33 0.00	26.83 -1.96 0.00	36.46 -3.13 0.00	44.90 -4.11 1.11	37.54 -3.81 0.10	33.97 -2.91 0.01	28.69 -2.46 0.00	28.14 -2.31 0.00	29.10 -2.36 0.00	28.55 -2.15 0.00	29.01 -2.32 0.00	30.30 -2.72 0.10	31.90 -2.69 1.22	34.13 -3.36 5.61	37.24 -4.39 10.66	35.03 -3.71 2.90	28.15 -3.01 7.87	27.23 -2.49 3.05	25.71 -2.33 0.02	23.67 -2.06 0.02
SYNERGY___BIOGAS 323694	25.87 -1.56 0.00	24.18 -1.35 0.00	23.94 -1.42 0.00	23.70 -1.35 0.00	24.30 -1.28 0.00	27.81 -0.98 0.00	38.12 -1.46 0.00	47.20 -1.96 0.97	39.84 -1.53 0.08	35.67 -1.22 0.01	30.34 -0.81 0.00	29.45 -1.00 0.00	30.35 -1.10 0.00	29.81 -0.89 0.00	30.33 -1.00 0.00	31.61 -1.42 0.08	33.26 -1.43 1.11	36.26 -1.77 5.08	40.31 -2.19 9.79	37.23 -1.96 2.45	30.24 -1.64 7.15	28.71 -1.28 2.78	26.83 -1.21 0.02	24.60 -1.13 0.02
SYRACUSE___ENERGY_ST1 323597	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.50 -0.40 -0.12	39.93 -0.51 -0.86	50.16 -1.00 -1.04	40.67 -0.79 0.00	36.30 -0.59 0.00	30.56 -0.59 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.45 -0.66 0.00	35.05 -0.75 0.00	42.20 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.21 -0.82 0.00	32.08 -0.69 0.00	27.47 -0.59 0.00	25.16 -0.59 0.00
SYRACUSE___ENERGY_ST2 323598	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.10 -0.49 0.00	28.50 -0.40 -0.12	39.93 -0.51 -0.86	50.16 -1.00 -1.04	40.67 -0.79 0.00	36.30 -0.59 0.00	30.56 -0.59 0.00	29.90 -0.55 0.00	30.89 -0.57 0.00	30.15 -0.55 0.00	30.77 -0.56 0.00	32.45 -0.66 0.00	35.05 -0.75 0.00	42.20 -0.91 0.00	51.19 -1.10 0.00	40.84 -0.79 0.00	38.21 -0.82 0.00	32.08 -0.69 0.00	27.47 -0.59 0.00	25.16 -0.59 0.00
SYRACUSE___POWER 24017	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.07 -0.51 0.00	28.43 -0.43 -0.08	39.59 -0.55 -0.56	49.98 -0.80 -0.66	40.84 -0.62 0.00	36.38 -0.52 0.00	30.65 -0.50 0.00	29.96 -0.49 0.00	30.95 -0.50 0.00	30.24 -0.46 0.00	30.86 -0.47 0.00	32.55 -0.56 0.00	35.19 -0.61 0.00	42.40 -0.69 0.01	51.14 -0.84 0.32	41.01 -0.62 0.00	38.37 -0.66 0.00	32.21 -0.56 0.00	27.58 -0.48 0.00	25.27 -0.49 0.00
TALLMAN___138KV_BK151 55660	28.81 1.37 0.00	26.79 1.25 0.00	26.55 1.19 0.00	26.18 1.13 0.00	26.73 1.15 0.00	30.05 1.27 0.00	41.17 1.58 0.00	52.63 2.51 0.00	43.53 2.07 0.00	38.66 1.77 0.00	32.68 1.53 0.00	31.91 1.46 0.00	33.00 1.54 0.00	32.21 1.50 0.00	32.93 1.60 0.00	34.90 1.79 0.00	37.81 2.00 0.00	45.60 2.50 0.00	55.43 3.14 0.00	44.09 2.46 0.00	41.22 2.19 0.00	34.61 1.84 0.00	29.65 1.60 0.00	27.30 1.55 0.00
TEALLAVE_115KV_TB7 355573	26.78 -0.66 0.00	24.90 -0.64 0.00	24.73 -0.63 0.00	24.45 -0.60 0.00	24.99 -0.59 0.00	28.33 -0.52 -0.07	39.38 -0.67 -0.46	49.56 -1.15 -0.58	40.55 -0.91 0.00	36.15 -0.74 0.00	30.46 -0.69 0.00	29.81 -0.64 0.00	30.79 -0.66 0.00	30.09 -0.61 0.00	30.67 -0.66 0.00	32.35 -0.76 0.00	34.94 -0.86 0.00	42.10 -0.99 0.01	50.61 -1.25 0.43	40.68 -0.96 0.00	38.09 -0.94 0.00	31.98 -0.79 0.00	27.38 -0.67 0.00	25.09 -0.67 0.00
TELGRAPH_34_KV_EAST 80808	25.54 -1.89 0.00	23.72 -1.81 0.00	23.56 -1.80 0.00	23.30 -1.75 0.00	23.87 -1.71 0.00	27.52 -1.27 0.00	37.53 -2.06 0.00	46.36 -2.76 1.01	38.80 -2.57 0.09	35.08 -1.81 0.01	29.56 -1.59 0.00	28.99 -1.46 0.00	29.94 -1.51 0.00	29.38 -1.32 0.00	29.89 -1.44 0.00	31.20 -1.82 0.09	32.75 -1.90 1.15	35.45 -2.37 5.28	39.14 -3.03 10.12	36.47 -2.62 2.54	29.45 -2.15 7.44	28.11 -1.77 2.89	26.41 -1.63 0.02	24.27 -1.47 0.02
TEMPLE___115KV_TB 2 55572	26.80 -0.63 0.00	24.90 -0.64 0.00	24.73 -0.63 0.00	24.45 -0.60 0.00	24.99 -0.59 0.00	28.33 -0.52 -0.07	39.37 -0.67 -0.46	49.56 -1.15 -0.58	40.55 -0.91 0.00	36.19 -0.70 0.00	30.49 -0.65 0.00	29.81 -0.64 0.00	30.79 -0.66 0.00	30.09 -0.61 0.00	30.71 -0.63 0.00	32.35 -0.76 0.00	34.98 -0.82 0.00	42.10 -0.99 0.01	50.60 -1.25 0.43	40.68 -0.96 0.00	38.09 -0.94 0.00	31.98 -0.79 0.00	27.38 -0.67 0.00	25.11 -0.64 0.00
TIANA____69_KV_BK 1 55817	30.57 3.13 -0.01	28.35 2.81 0.00	28.02 2.66 0.00	27.65 2.61 0.00	28.22 2.63 0.00	31.75 2.96 0.00	41.96 2.38 0.00	53.03 2.91 0.00	44.11 2.65 0.00	39.14 2.25 0.00	33.77 2.62 0.00	33.10 2.65 0.00	33.59 2.14 0.00	33.04 2.33 0.00	33.56 2.22 0.00	35.43 2.32 0.00	38.31 2.51 0.00	46.29 3.19 0.00	56.37 4.08 0.00	44.92 3.29 0.00	41.84 2.81 0.00	35.65 2.88 0.00	31.11 3.06 0.00	28.65 2.88 -0.01
TILDEN___115KV_TB1 80814	26.89 -0.55 0.00	24.98 -0.56 0.00	24.80 -0.56 0.00	24.52 -0.53 0.00	25.07 -0.51 0.00	28.43 -0.43 -0.08	39.59 -0.55 -0.56	49.98 -0.80 -0.66	40.84 -0.62 0.00	36.38 -0.52 0.00	30.65 -0.50 0.00	29.96 -0.49 0.00	30.95 -0.50 0.00	30.24 -0.46 0.00	30.86 -0.47 0.00	32.55 -0.56 0.00	35.19 -0.61 0.00	42.40 -0.69 0.01	51.14 -0.84 0.32	41.01 -0.62 0.00	38.37 -0.66 0.00	32.21 -0.56 0.00	27.58 -0.48 0.00	25.27 -0.49 0.00

TRIGEN___CC 323695	29.56 2.11 -0.02	27.50 1.97 0.00	27.29 1.93 0.00	26.88 1.83 0.00	27.45 1.87 0.00	30.80 2.01 0.00	41.17 1.58 0.00	52.33 2.21 0.00	43.49 2.03 0.00	38.74 1.84 0.00	33.24 2.09 0.00	32.64 2.19 0.00	33.37 1.92 0.00	32.76 2.06 0.00	33.34 2.01 0.00	35.07 1.95 0.00	37.95 2.15 0.00	45.69 2.59 0.00	55.58 3.29 0.00	44.30 2.66 0.00	41.37 2.34 0.00	35.13 2.36 0.00	30.47 2.41 0.00	28.06 2.29 -0.02
TRINITY___115KV___4 BK 55933	28.31 0.88 0.00	26.38 0.84 0.00	26.22 0.86 0.00	25.88 0.83 0.00	26.40 0.82 0.00	29.62 0.83 0.00	40.77 1.19 0.00	51.83 1.70 0.00	42.87 1.41 0.00	38.00 1.11 0.00	32.15 1.00 0.00	31.39 0.94 0.00	32.43 0.98 0.00	31.62 0.92 0.00	32.30 0.97 0.00	34.31 1.19 0.00	37.13 1.32 0.00	44.74 1.64 0.00	54.22 1.93 0.00	43.21 1.58 0.00	40.43 1.41 0.00	33.92 1.15 0.00	29.06 1.01 0.00	26.68 0.93 0.00
UNION___PROCESSING_DRP 323587	26.06 -1.37 0.00	24.21 -1.33 0.00	24.02 -1.34 0.00	23.77 -1.28 0.00	24.33 -1.25 0.00	27.83 -0.95 0.00	38.12 -1.46 0.00	46.91 -2.41 0.81	39.36 -2.03 0.06	35.63 -1.25 0.01	29.97 -1.18 0.00	29.41 -1.04 0.00	30.35 -1.10 0.00	29.72 -0.98 0.00	30.27 -1.07 0.00	31.53 -1.52 0.06	33.16 -1.72 0.92	36.78 -2.07 4.25	41.29 -2.56 8.43	37.47 -2.16 2.00	31.09 -1.95 5.98	28.84 -1.61 2.33	26.72 -1.32 0.02	24.58 -1.16 0.02
UPPER HUDSON___HYD 24058	29.30 1.87 0.00	27.35 1.81 0.00	27.14 1.77 0.00	26.80 1.75 0.00	27.35 1.76 0.00	29.99 1.21 0.00	41.56 1.98 0.00	52.78 2.65 0.00	43.57 2.11 0.00	38.51 1.62 0.00	32.55 1.40 0.00	31.82 1.37 0.00	32.90 1.45 0.00	31.96 1.26 0.00	32.59 1.25 0.00	34.64 1.52 0.00	37.41 1.61 0.00	45.04 1.94 0.00	54.64 2.36 0.00	43.55 1.92 0.00	40.59 1.56 0.00	33.95 1.18 0.00	29.29 1.23 0.00	27.51 1.75 0.00
UPPER RAQUET___HYD 24056	28.64 1.21 0.00	26.79 1.25 0.00	26.43 1.06 0.00	26.23 1.18 0.00	26.76 1.18 0.00	30.38 1.55 -0.05	42.73 2.81 -0.33	54.73 4.21 -0.39	44.32 2.86 0.00	38.85 1.95 0.00	32.36 1.21 0.00	31.45 1.00 0.00	32.62 1.16 0.00	31.90 1.20 0.00	32.40 1.07 0.00	34.14 1.03 0.00	37.05 1.25 0.00	45.21 2.11 0.00	51.43 3.45 4.31	42.79 2.21 1.05	40.86 1.83 0.00	34.21 1.44 0.00	28.87 0.81 0.00	26.27 0.51 0.00
VALLEY44_115KV_TB2 355964	26.20 -1.23 0.00	24.39 -1.15 0.00	24.22 -1.14 0.00	23.92 -1.13 0.00	24.53 -1.05 0.00	28.30 -0.49 0.00	38.56 -1.03 0.00	49.40 0.40 1.12	41.40 0.04 0.10	35.92 -0.96 0.01	30.40 -0.75 0.00	29.66 -0.79 0.00	30.67 -0.79 0.00	30.12 -0.58 0.00	30.58 -0.75 0.00	33.05 0.03 0.10	34.27 0.07 1.60	36.09 0.26 7.27	39.17 0.26 13.38	38.96 0.12 2.80	28.87 0.16 10.32	28.85 0.10 4.02	27.83 -0.20 0.03	25.21 -0.52 0.03
VALLEY___115KV_TB 1-4 80826	26.80 -0.63 0.00	24.95 -0.59 0.00	24.78 -0.58 0.00	24.50 -0.55 0.00	25.04 -0.54 0.00	28.21 -0.58 0.00	38.79 -0.79 0.00	49.27 -0.85 0.00	40.75 -0.70 0.00	36.30 -0.59 0.00	30.78 -0.37 0.00	30.14 -0.30 0.00	31.23 -0.22 0.00	30.46 -0.25 0.00	31.02 -0.31 0.00	32.78 -0.33 0.00	35.37 -0.43 0.00	42.63 -0.47 0.00	52.35 -0.52 -0.58	41.27 -0.50 -0.14	38.52 -0.51 0.00	32.44 -0.33 0.00	27.80 -0.25 0.00	25.52 -0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.61 1.18 0.00	26.64 1.10 0.00	26.43 1.07 0.00	26.15 1.10 0.00	26.68 1.10 0.00	30.16 1.35 -0.02	41.66 1.94 -0.14	53.98 3.36 -0.50	44.19 2.69 -0.04	39.11 2.21 0.00	32.80 1.65 0.00	31.97 1.52 0.00	33.12 1.67 0.00	32.36 1.66 0.00	32.96 1.63 0.00	35.04 1.89 -0.03	38.38 2.08 -0.50	48.05 2.67 -2.28	59.39 3.45 -3.65	45.27 2.54 -1.10	44.46 2.19 -3.24	35.93 1.90 -1.26	29.61 1.54 -0.01	27.10 1.34 -0.01
VISCHER___FERRY HYD 24020	28.70 1.26 0.00	26.71 1.18 0.00	26.53 1.17 0.00	26.20 1.15 0.00	26.73 1.15 0.00	29.97 1.18 0.00	41.32 1.74 0.00	52.58 2.46 0.00	43.45 1.99 0.00	38.51 1.62 0.00	32.55 1.40 0.00	31.82 1.37 0.00	32.87 1.42 0.00	32.05 1.35 0.00	32.71 1.38 0.00	34.77 1.65 0.00	37.63 1.82 0.00	45.34 2.24 0.00	55.01 2.72 0.00	43.80 2.16 0.00	41.02 1.99 0.00	34.38 1.61 0.00	29.46 1.40 0.00	27.12 1.36 0.00
V_A_10_SYNC_DSASP 323832	25.38 -2.06 0.00	23.75 -1.79 0.00	23.53 -1.83 0.00	23.27 -1.78 0.00	23.84 -1.74 0.00	27.23 -1.55 0.00	37.25 -2.34 0.00	45.42 -3.76 0.94	38.57 -2.82 0.07	34.67 -2.21 0.01	29.53 -1.62 0.00	28.74 -1.70 0.00	29.69 -1.76 0.00	29.07 -1.63 0.00	29.58 -1.75 0.00	30.66 -2.38 0.07	32.15 -2.61 1.04	35.12 -3.19 4.79	38.97 -3.98 9.35	36.01 -3.29 2.33	29.36 -2.93 6.74	27.76 -2.39 2.62	26.13 -1.91 0.02	24.09 -1.65 0.02
V_CMM_10_SYNC_DSASP 323787	27.63 0.19 0.00	25.79 0.26 0.00	25.59 0.23 0.00	25.27 0.22 0.00	25.81 0.23 0.00	29.01 0.23 0.00	39.94 0.36 0.00	50.38 0.25 0.00	41.58 0.12 0.00	37.08 0.19 0.00	31.34 0.19 0.00	30.63 0.18 0.00	31.58 0.13 0.00	30.86 0.15 0.00	31.46 0.13 0.00	33.11 0.00 0.00	35.73 -0.07 0.00	43.02 -0.09 0.00	41.43 -0.10 10.75	38.89 -0.12 2.62	39.07 0.04 0.00	32.77 0.00 0.00	27.97 -0.08 0.00	25.68 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	28.23 0.80 0.00	26.43 0.89 0.00	26.17 0.81 0.00	25.87 0.83 0.00	26.42 0.84 0.00	29.24 0.46 0.00	40.45 0.87 0.00	50.38 0.25 0.00	41.37 -0.08 0.00	37.34 0.44 0.00	31.62 0.47 0.00	30.97 0.52 0.00	31.93 0.47 0.00	31.19 0.49 0.00	31.74 0.41 0.00	33.35 0.23 0.00	35.87 0.07 0.00	42.71 -0.39 0.00	41.65 -0.78 9.85	38.74 -0.50 2.40	39.38 0.35 0.00	32.90 0.13 0.00	27.89 -0.17 0.00	25.47 -0.28 0.00
V_D_10_SYNC_DSASP 323841	27.63 0.19 0.00	25.79 0.26 0.00	25.59 0.23 0.00	25.30 0.25 0.00	25.84 0.26 0.00	29.01 0.23 0.00	39.98 0.40 0.00	50.43 0.30 0.00	41.58 0.12 0.00	37.08 0.19 0.00	31.37 0.22 0.00	30.63 0.18 0.00	31.61 0.16 0.00	30.86 0.15 0.00	31.46 0.13 0.00	33.11 0.00 0.00	35.77 -0.04 0.00	43.02 -0.09 0.00	41.43 -0.10 10.75	38.89 -0.12 2.62	39.07 0.04 0.00	32.77 0.00 0.00	28.00 -0.06 0.00	25.70 -0.05 0.00
V_E_10_SYNC_DSASP 323830	28.72 1.29 0.00	26.69 1.15 0.00	26.35 0.99 0.00	26.10 1.05 0.00	26.63 1.05 0.00	30.38 1.55 -0.04	42.40 2.54 -0.27	57.89 5.12 -2.65	45.47 3.81 -0.20	39.68 2.77 -0.02	33.05 1.90 0.00	32.09 1.64 0.00	33.34 1.89 0.00	32.64 1.94 0.00	33.21 1.88 0.00	35.54 2.22 -0.21	41.36 2.54 -3.02	60.42 3.58 -13.74	80.31 4.86 -23.16	51.60 3.45 -6.51	61.36 2.77 -19.56	42.77 2.39 -7.61	29.96 1.85 -0.05	27.25 1.44 -0.05
V_F_30_NSYNC___DSASP 323816	29.00 1.56 0.00	27.04 1.51 0.00	26.86 1.50 0.00	26.50 1.45 0.00	27.04 1.46 0.00	30.17 1.38 0.00	41.72 2.14 0.00	52.98 2.86 0.00	43.74 2.28 0.00	38.74 1.84 0.00	32.71 1.56 0.00	31.97 1.52 0.00	33.06 1.60 0.00	32.21 1.50 0.00	32.87 1.53 0.00	34.93 1.82 0.00	37.77 1.97 0.00	45.51 2.41 0.00	55.27 2.98 0.00	44.00 2.37 0.00	41.14 2.11 0.00	34.47 1.70 0.00	29.54 1.49 0.00	27.33 1.57 0.00

V_F_30_SYNC_DSASP 323786	28.39 0.96 0.00	26.46 0.92 0.00	26.27 0.91 0.00	25.93 0.88 0.00	26.45 0.87 0.00	29.71 0.92 0.00	40.85 1.27 0.00	51.93 1.80 0.00	42.99 1.53 0.00	38.11 1.22 0.00	32.24 1.09 0.00	31.48 1.04 0.00	32.52 1.07 0.00	31.71 1.01 0.00	32.40 1.07 0.00	34.40 1.29 0.00	37.20 1.40 0.00	44.87 1.77 0.00	54.38 2.09 0.00	43.30 1.67 0.00	40.55 1.52 0.00	34.02 1.25 0.00	29.12 1.07 0.00	26.74 0.98 0.00
V_XM_10_SYNC_DSASP 323789	28.23 0.80 0.00	26.43 0.89 0.00	26.17 0.81 0.00	25.87 0.83 0.00	26.42 0.84 0.00	29.24 0.46 0.00	40.45 0.87 0.00	50.38 0.25 0.00	41.37 -0.08 0.00	37.34 0.44 0.00	31.62 0.47 0.00	30.97 0.52 0.00	31.93 0.47 0.00	31.19 0.49 0.00	31.74 0.41 0.00	33.35 0.23 0.00	35.87 0.07 0.00	42.71 -0.39 0.00	41.65 -0.78 9.85	38.74 -0.50 2.40	39.38 0.35 0.00	32.90 0.13 0.00	27.89 -0.17 0.00	25.47 -0.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.86 1.43 0.00	26.84 1.30 0.00	26.63 1.27 0.00	26.25 1.20 0.00	26.81 1.23 0.00	30.11 1.32 0.00	41.29 1.70 0.00	52.78 2.66 0.00	43.65 2.20 0.00	38.77 1.88 0.00	32.77 1.62 0.00	31.97 1.52 0.00	33.06 1.60 0.00	32.27 1.57 0.00	32.99 1.66 0.00	35.00 1.89 0.00	37.91 2.11 0.00	45.73 2.63 0.00	55.58 3.29 0.00	44.21 2.58 0.00	41.33 2.30 0.00	34.70 1.93 0.00	29.71 1.66 0.00	27.38 1.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.11 1.67 0.00	27.07 1.53 0.00	26.86 1.50 0.00	26.45 1.40 0.00	26.99 1.41 0.00	30.25 1.47 0.00	41.52 1.94 0.00	53.13 3.01 0.00	43.99 2.53 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.40 1.95 0.00	33.50 2.04 0.00	32.70 2.00 0.00	33.40 2.07 0.00	35.46 2.35 0.00	38.34 2.54 0.00	46.08 2.97 0.00	55.90 3.61 0.00	44.46 2.83 0.00	41.64 2.62 0.00	34.97 2.20 0.00	29.99 1.94 0.00	27.64 1.88 0.00
W50THST__13_KV_LOAD 356117	29.19 1.76 0.00	27.15 1.61 0.00	26.93 1.57 0.00	26.53 1.48 0.00	27.07 1.48 0.00	30.34 1.55 0.00	41.68 2.10 0.00	53.33 3.21 0.00	44.19 2.74 0.00	39.36 2.47 0.00	33.27 2.12 0.00	32.55 2.10 0.00	33.66 2.20 0.00	32.85 2.15 0.00	33.56 2.22 0.00	35.63 2.52 0.00	38.49 2.69 0.00	46.29 3.19 0.00	56.11 3.82 0.00	44.63 3.00 0.00	41.80 2.77 0.00	35.07 2.29 0.00	30.10 2.05 0.00	27.71 1.96 0.00
WADING RIVER_IC_1 23522	30.30 2.85 -0.01	28.00 2.45 -0.01	27.80 2.43 0.00	27.41 2.35 -0.01	27.99 2.40 0.00	31.47 2.68 -0.01	41.64 2.06 0.00	52.78 2.65 0.00	43.65 2.20 0.00	38.85 1.95 0.00	33.24 2.09 0.00	32.83 2.38 0.00	33.37 1.92 0.00	32.88 2.18 0.00	33.37 2.04 0.00	35.40 2.28 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.16 3.87 0.00	44.76 3.12 0.00	41.76 2.73 0.00	35.52 2.75 0.00	31.15 3.09 -0.01	28.62 2.86 -0.01
WADING RIVER_IC_2 23547	30.30 2.85 -0.01	28.00 2.45 -0.01	27.80 2.43 0.00	27.41 2.35 -0.01	27.99 2.40 0.00	31.47 2.68 -0.01	41.64 2.06 0.00	52.78 2.65 0.00	43.65 2.20 0.00	38.85 1.95 0.00	33.24 2.09 0.00	32.83 2.38 0.00	33.37 1.92 0.00	32.88 2.18 0.00	33.37 2.04 0.00	35.40 2.28 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.16 3.87 0.00	44.76 3.12 0.00	41.76 2.73 0.00	35.52 2.75 0.00	31.15 3.09 -0.01	28.62 2.86 -0.01
WADING RIVER_IC_3 23601	30.30 2.85 -0.01	28.00 2.45 -0.01	27.80 2.43 0.00	27.41 2.35 -0.01	27.99 2.40 0.00	31.47 2.68 -0.01	41.64 2.06 0.00	52.78 2.65 0.00	43.65 2.20 0.00	38.85 1.95 0.00	33.24 2.09 0.00	32.83 2.38 0.00	33.37 1.92 0.00	32.88 2.18 0.00	33.37 2.04 0.00	35.40 2.28 0.00	38.20 2.40 0.00	46.25 3.14 0.00	56.16 3.87 0.00	44.76 3.12 0.00	41.76 2.73 0.00	35.52 2.75 0.00	31.15 3.09 -0.01	28.62 2.86 -0.01
WALDENNY_12_KV_BK2 80841	25.71 -1.73 0.00	23.88 -1.66 0.00	23.71 -1.65 0.00	23.45 -1.60 0.00	24.05 -1.53 0.00	27.72 -1.07 0.00	37.72 -1.86 0.00	47.08 -2.11 0.94	39.38 -1.99 0.09	35.26 -1.62 0.01	29.87 -1.28 0.00	29.20 -1.25 0.00	30.20 -1.26 0.00	29.69 -1.01 0.00	30.14 -1.19 0.00	31.74 -1.29 0.09	32.97 -1.47 1.36	35.13 -1.81 6.16	38.37 -2.35 11.57	37.15 -2.08 2.40	28.57 -1.72 8.74	27.96 -1.41 3.40	26.77 -1.26 0.02	24.50 -1.24 0.02
WALDEN__HYDRO 24148	28.92 1.48 0.00	26.89 1.35 0.00	26.68 1.32 0.00	26.30 1.25 0.00	26.86 1.28 0.00	30.17 1.38 0.00	41.41 1.82 0.00	52.88 2.76 0.00	43.78 2.32 0.00	38.85 1.96 0.00	32.74 1.59 0.00	31.94 1.49 0.00	33.06 1.60 0.00	32.24 1.54 0.00	32.99 1.66 0.00	35.00 1.89 0.00	37.91 2.11 0.00	45.73 2.63 0.00	55.58 3.29 0.00	44.17 2.54 0.00	41.33 2.30 0.00	34.70 1.93 0.00	29.68 1.63 0.00	27.35 1.60 0.00
WARRENSBURG____ 23737	29.30 1.87 0.00	27.35 1.81 0.00	27.14 1.77 0.00	26.80 1.75 0.00	27.35 1.76 0.00	29.99 1.21 0.00	41.56 1.98 0.00	52.78 2.65 0.00	43.57 2.11 0.00	38.51 1.62 0.00	32.55 1.40 0.00	31.82 1.37 0.00	32.90 1.45 0.00	31.96 1.26 0.00	32.59 1.25 0.00	34.64 1.52 0.00	37.41 1.61 0.00	45.04 1.94 0.00	54.64 2.36 0.00	43.55 1.92 0.00	40.59 1.56 0.00	33.95 1.18 0.00	29.29 1.23 0.00	27.51 1.75 0.00
WATERSIDE____6 8 9 23538	29.28 1.84 -0.01	27.23 1.69 -0.01	26.99 1.62 -0.01	26.58 1.53 -0.01	27.15 1.56 -0.01	30.37 1.58 0.00	41.45 1.86 0.00	52.83 2.71 0.00	43.86 2.40 0.00	39.22 2.32 0.00	33.11 1.96 0.00	32.43 1.98 0.00	33.53 2.08 0.00	32.76 2.06 0.00	33.46 2.13 0.00	35.53 2.42 0.00	38.41 2.61 0.00	45.95 2.84 0.00	55.69 3.40 0.00	44.30 2.66 0.00	41.61 2.58 0.00	35.00 2.23 0.00	30.13 2.08 0.00	27.80 2.03 -0.01
WATKINRD_115KV_LN8_ILLION 55919	27.16 -0.27 0.00	25.28 -0.26 0.00	25.11 -0.25 0.00	24.80 -0.25 0.00	25.35 -0.23 0.00	28.53 -0.26 0.00	39.23 -0.36 0.00	49.82 -0.30 0.00	41.21 -0.25 0.00	36.63 -0.26 0.00	30.99 -0.16 0.00	30.30 -0.15 0.00	31.36 -0.09 0.00	30.58 -0.12 0.00	31.21 -0.13 0.00	33.01 -0.10 0.00	35.66 -0.14 0.00	42.93 -0.17 0.00	52.71 -0.16 -0.58	41.61 -0.17 -0.14	38.83 -0.20 0.00	32.67 -0.10 0.00	27.97 -0.08 0.00	25.68 -0.08 0.00
WATSON__69_KV_BK 1 55734	30.41 2.96 -0.01	28.22 2.68 0.00	27.92 2.56 0.00	27.53 2.48 0.00	28.11 2.53 0.00	31.61 2.82 0.00	41.80 2.22 0.00	52.93 2.81 0.00	44.07 2.61 0.00	39.11 2.21 0.00	33.73 2.59 0.00	33.16 2.71 0.00	33.69 2.23 0.00	33.13 2.43 0.00	33.68 2.35 0.00	35.40 2.28 0.00	38.38 2.58 0.00	46.38 3.28 0.00	56.52 4.24 0.00	45.09 3.46 0.00	41.96 2.93 0.00	35.82 3.05 0.00	31.25 3.20 0.00	28.78 3.01 -0.01
WDELAWARE__HYD 323627	28.81 1.37 0.00	26.74 1.20 0.00	26.58 1.22 0.00	26.25 1.20 0.00	26.78 1.20 0.00	30.08 1.30 0.00	41.56 1.98 0.00	53.18 3.06 0.00	43.96 2.49 -0.02	38.92 2.03 0.00	32.67 1.53 0.00	31.85 1.40 0.00	32.99 1.54 0.00	32.18 1.47 0.00	32.96 1.63 0.00	34.97 1.85 0.00	37.91 2.11 0.00	45.82 2.72 0.00	55.74 3.45 0.00	44.22 2.58 0.00	41.37 2.34 0.00	34.74 1.97 0.00	29.68 1.63 0.00	27.33 1.57 0.00

WEST BABYLON___IC 23714	30.27 2.83 -0.01	28.09 2.55 0.00	27.82 2.46 0.00	27.43 2.38 0.00	27.99 2.40 0.00	31.46 2.68 0.00	41.68 2.10 0.00	52.83 2.71 0.00	43.95 2.49 0.00	39.03 2.14 0.00	33.64 2.49 0.00	33.10 2.65 0.00	33.59 2.14 0.00	33.04 2.33 0.00	33.53 2.19 0.00	35.23 2.12 0.00	38.20 2.40 0.00	46.12 3.02 0.00	56.21 3.92 0.00	44.84 3.21 0.00	41.80 2.77 0.00	35.72 2.95 0.00	31.11 3.06 0.00	28.68 2.91 -0.01
WEST CANADA___HYD 24049	27.49 0.05 0.00	25.59 0.05 0.00	25.41 0.05 0.00	25.10 0.05 0.00	25.63 0.05 0.00	28.84 0.06 0.00	39.66 0.08 0.00	50.33 0.20 0.00	41.62 0.17 0.00	37.00 0.11 0.00	31.24 0.09 0.00	30.54 0.09 0.00	31.55 0.09 0.00	30.79 0.09 0.00	31.43 0.09 0.00	33.25 0.13 0.00	35.94 0.14 0.00	43.27 0.17 0.00	53.13 0.26 -0.58	41.94 0.17 -0.14	39.15 0.12 0.00	32.90 0.13 0.00	28.17 0.11 0.00	25.89 0.13 0.00
WESTERN_NY_WIND 24143	25.87 -1.56 0.00	24.03 -1.51 0.00	23.84 -1.52 0.00	23.60 -1.45 0.00	24.17 -1.41 0.00	27.86 -0.92 0.00	38.04 -1.54 0.00	47.14 -2.01 0.99	39.47 -1.91 0.08	35.63 -1.25 0.01	30.00 -1.15 0.00	29.38 -1.07 0.00	30.32 -1.13 0.00	29.75 -0.95 0.00	30.27 -1.07 0.00	31.60 -1.42 0.08	33.21 -1.47 1.12	36.14 -1.81 5.15	40.07 -2.30 9.92	37.11 -2.04 2.48	30.09 -1.68 7.26	28.60 -1.34 2.83	26.77 -1.26 0.02	24.58 -1.16 0.02
WESTOVER___LESR 323668	27.49 0.05 0.00	25.54 0.00 0.00	25.36 0.00 0.00	25.05 0.00 0.00	25.66 0.08 0.00	29.23 0.40 -0.04	40.30 0.44 -0.28	51.46 1.85 0.52	42.81 1.41 0.06	37.85 0.96 0.01	31.90 0.75 0.00	31.12 0.67 0.00	32.18 0.72 0.00	31.47 0.77 0.00	32.12 0.78 0.00	33.68 0.56 0.00	36.45 0.64 0.00	44.06 0.95 -0.01	53.08 1.20 0.41	42.71 1.00 -0.08	39.87 0.82 -0.02	33.46 0.69 -0.01	28.56 0.50 0.00	26.14 0.39 0.00
WETHRSFD_WT_PWR 323626	25.62 -1.81 0.00	23.93 -1.61 0.00	23.74 -1.62 0.00	23.47 -1.58 0.00	24.07 -1.51 0.00	27.49 -1.29 0.00	37.69 -1.90 0.00	46.72 -2.01 1.40	39.60 -1.74 0.12	35.22 -1.66 0.01	30.03 -1.12 0.00	29.14 -1.31 0.00	30.13 -1.32 0.00	29.54 -1.17 0.00	30.05 -1.29 0.00	31.57 -1.42 0.12	32.39 -1.61 1.80	32.98 -1.94 8.18	34.97 -2.40 14.91	36.07 -2.08 3.49	25.53 -1.87 11.63	26.70 -1.54 4.53	26.65 -1.37 0.03	24.36 -1.37 0.03
WHAVSTOR_138KV_BK127 55557	28.78 1.34 0.00	26.76 1.23 0.00	26.55 1.19 0.00	26.18 1.13 0.00	26.73 1.15 0.00	30.02 1.24 0.00	41.13 1.54 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.64 1.50 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.22 2.19 0.00	34.57 1.80 0.00	29.63 1.57 0.00	27.30 1.55 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.78 1.34 0.00	26.76 1.23 0.00	26.55 1.19 0.00	26.18 1.13 0.00	26.73 1.15 0.00	30.02 1.24 0.00	41.13 1.54 0.00	52.58 2.46 0.00	43.49 2.03 0.00	38.63 1.73 0.00	32.64 1.50 0.00	31.88 1.43 0.00	32.96 1.51 0.00	32.18 1.47 0.00	32.90 1.57 0.00	34.90 1.79 0.00	37.77 1.97 0.00	45.56 2.46 0.00	55.37 3.08 0.00	44.05 2.41 0.00	41.22 2.19 0.00	34.57 1.80 0.00	29.63 1.57 0.00	27.30 1.55 0.00
WHITEHAL_115KV_TB1 80871	29.77 2.33 0.00	27.81 2.27 0.00	27.59 2.23 0.00	27.23 2.18 0.00	27.78 2.20 0.00	30.71 1.93 0.00	42.47 2.89 0.00	53.84 3.71 0.00	44.44 2.98 0.00	39.18 2.29 0.00	33.11 1.96 0.00	32.34 1.89 0.00	33.44 1.98 0.00	32.45 1.75 0.00	33.12 1.79 0.00	35.23 2.12 0.00	38.06 2.26 0.00	45.99 2.89 0.00	55.84 3.56 0.00	44.51 2.87 0.00	41.41 2.38 0.00	34.64 1.87 0.00	30.38 2.33 0.00	27.84 2.09 0.00
WHITEPLN_13_KV_LOAD 356215	29.25 1.81 0.00	27.17 1.63 0.00	26.96 1.60 0.00	26.55 1.50 0.00	27.09 1.51 0.00	30.40 1.61 0.00	41.72 2.14 0.00	53.38 3.26 0.00	44.24 2.78 0.00	39.33 2.43 0.00	33.27 2.12 0.00	32.55 2.10 0.00	33.62 2.17 0.00	32.85 2.15 0.00	33.59 2.26 0.00	35.63 2.52 0.00	38.49 2.69 0.00	46.33 3.23 0.00	56.21 3.92 0.00	44.71 3.08 0.00	41.84 2.81 0.00	35.16 2.39 0.00	30.10 2.05 0.00	27.71 1.96 0.00
WM_FLOYD_69_KV_BK2 356380	30.35 2.91 -0.01	28.17 2.63 0.00	27.85 2.49 0.00	27.48 2.43 0.00	28.04 2.46 0.00	31.55 2.76 0.00	41.68 2.10 0.00	52.68 2.56 0.00	43.78 2.32 0.00	38.88 1.99 0.00	33.55 2.40 0.00	32.89 2.44 0.00	33.40 1.95 0.00	32.88 2.18 0.00	33.40 2.07 0.00	35.23 2.12 0.00	38.13 2.33 0.00	46.03 2.93 0.00	56.16 3.87 0.00	44.76 3.12 0.00	41.68 2.65 0.00	35.56 2.79 0.00	31.06 3.00 0.00	28.62 2.86 -0.01
WOODARD___115KV_TB2 355635	26.75 -0.69 0.00	24.87 -0.66 0.00	24.70 -0.66 0.00	24.42 -0.63 0.00	24.94 -0.64 0.00	28.30 -0.58 -0.09	39.45 -0.75 -0.62	49.64 -1.25 -0.76	40.46 -0.99 0.00	36.08 -0.81 0.00	30.40 -0.75 0.00	29.75 -0.70 0.00	30.73 -0.72 0.00	30.03 -0.68 0.00	30.61 -0.72 0.00	32.29 -0.83 0.00	34.91 -0.90 0.00	42.02 -1.08 0.01	50.67 -1.36 0.26	40.59 -1.04 0.00	38.02 -1.01 0.00	31.92 -0.85 0.00	27.33 -0.73 0.00	25.06 -0.70 0.00
YORK___WARBASSE 23770	29.45 2.00 -0.01	27.36 1.81 -0.01	27.12 1.75 -0.01	26.71 1.65 -0.01	27.25 1.66 -0.01	30.51 1.73 0.00	41.56 1.98 0.00	52.88 2.76 0.00	43.90 2.45 0.00	39.36 2.47 0.00	33.24 2.09 0.00	32.55 2.10 0.00	33.69 2.23 0.00	32.88 2.18 0.00	33.62 2.29 0.00	35.73 2.62 0.00	38.59 2.79 0.00	46.03 2.93 0.00	55.74 3.45 0.00	44.34 2.71 0.00	41.72 2.69 0.00	35.20 2.43 0.00	30.33 2.27 0.00	27.95 2.19 -0.01