

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	10.67	31.79	28.08	25.47	20.95	27.29	28.50	27.64	29.23	30.68	30.82	32.25	30.19	30.29	26.35	24.26	30.44	59.03	46.01	35.67	39.03	38.17	38.21	32.97
24138	1.71	1.84	1.21	1.27	1.46	2.26	2.26	2.20	2.18	2.36	2.52	2.58	2.46	2.47	2.21	1.95	2.38	4.43	3.49	2.78	2.96	2.76	2.68	2.38
	10.97	-9.11	-13.51	-10.01	-2.78	-0.14	0.00	0.00	-1.28	-1.21	-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
74TH STREET_GT_1	58.39	42.80	40.31	34.77	24.39	27.24	28.45	27.60	29.97	31.37	30.81	32.23	30.17	30.27	26.35	24.26	30.50	59.18	46.14	35.74	39.11	38.27	38.31	33.04
24260	1.72	1.84	1.19	1.25	1.44	2.07	2.21	2.16	2.13	2.32	2.50	2.56	2.44	2.45	2.21	1.96	2.43	4.57	3.62	2.85	3.04	2.85	2.77	2.45
	-36.74	-20.12	-25.76	-19.33	-6.22	-0.27	0.00	0.00	-2.06	-1.94	-0.04	0.00	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	58.39	42.80	40.31	34.77	24.39	27.24	28.45	27.60	29.97	31.37	30.81	32.23	30.17	30.27	26.35	24.26	30.50	59.18	46.14	35.74	39.11	38.27	38.31	33.04
24261	1.72	1.84	1.19	1.25	1.44	2.07	2.21	2.16	2.13	2.32	2.50	2.56	2.44	2.45	2.21	1.96	2.43	4.57	3.62	2.85	3.04	2.85	2.77	2.45
	-36.74	-20.12	-25.76	-19.33	-6.22	-0.27	0.00	0.00	-2.06	-1.94	-0.04	0.00	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	21.31	22.29	14.69	15.15	17.85	26.54	28.01	27.21	27.54	29.09	30.34	31.76	29.66	29.61	25.47	23.59	29.91	58.37	45.27	34.92	38.42	37.65	37.62	32.38
24011	1.37	1.45	0.91	0.96	1.13	1.64	1.77	1.78	1.77	1.98	2.06	2.09	1.93	1.79	1.32	1.29	1.84	3.77	2.75	2.03	2.35	2.24	2.09	1.78
	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.44	22.45	14.79	15.25	17.97	26.70	28.18	27.38	27.72	29.32	30.48	31.88	29.77	29.74	25.55	23.69	30.11	58.69	45.46	35.07	38.64	38.50	38.27	32.91
23798	1.50	1.60	1.00	1.07	1.25	1.80	1.93	1.94	1.94	2.20	2.21	2.21	2.05	1.93	1.41	1.38	2.04	4.08	2.94	2.18	2.57	3.09	2.74	2.31
	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	21.31	22.29	14.69	15.15	17.85	26.54	28.01	27.21	27.54															

ALBANY___2 23572	20.45 0.51 0.00	21.39 0.55 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.16 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.67 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.74 0.60 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.26 0.00	43.50 0.97 0.00	33.58 0.68 0.00	36.79 0.73 0.00	36.06 0.64 0.00	36.23 0.70 0.00	31.27 0.67 0.00
ALBANY___3 23573	20.45 0.51 0.00	21.39 0.55 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.16 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.67 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.74 0.60 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.26 0.00	43.50 0.97 0.00	33.58 0.68 0.00	36.79 0.73 0.00	36.06 0.64 0.00	36.23 0.70 0.00	31.27 0.67 0.00
ALBANY___4 23574	20.45 0.51 0.00	21.39 0.55 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.16 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.67 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.74 0.60 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.26 0.00	43.50 0.97 0.00	33.58 0.68 0.00	36.79 0.73 0.00	36.06 0.64 0.00	36.23 0.70 0.00	31.27 0.67 0.00
ALBANY___LFGE 323615	20.63 0.69 0.00	21.57 0.73 0.00	14.26 0.48 -0.42	14.68 0.50 0.00	17.30 0.58 0.00	25.71 0.81 0.00	27.11 0.86 0.00	26.28 0.84 0.00	26.60 0.82 0.00	27.94 0.83 0.00	29.31 1.03 0.00	30.73 1.06 0.00	28.73 1.00 0.00	28.77 0.95 0.00	24.96 0.82 0.00	23.08 0.77 0.00	29.00 0.93 0.00	56.47 1.86 0.00	43.96 1.43 0.00	33.93 1.04 0.00	37.18 1.11 0.00	36.43 1.02 0.00	36.60 1.07 0.00	31.57 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	20.12 -0.06 -0.24	20.81 -0.04 0.00	13.32 -0.04 0.00	14.14 -0.04 0.00	16.71 -0.01 0.00	24.97 0.07 0.00	26.36 0.11 0.00	25.67 -0.06 -0.28	27.31 -0.04 -1.58	28.75 -0.13 -1.76	29.89 -0.20 -1.81	31.35 -0.19 -1.86	29.30 -0.21 -1.78	29.48 -0.12 -1.79	25.74 -0.06 -1.66	23.79 -0.11 -1.59	28.16 -0.26 -0.36	51.17 -0.57 2.87	40.11 -0.41 2.01	34.63 -0.23 -1.97	37.92 -0.23 -2.09	37.25 -0.06 -1.89	37.64 0.04 -2.07	32.46 -0.03 -1.89
ALCOA_RYNLDS___DRP 24188	20.12 -0.06 -0.24	20.81 -0.04 0.00	13.32 -0.04 0.00	14.14 -0.04 0.00	16.71 -0.01 0.00	24.97 0.07 0.00	26.36 0.11 0.00	25.67 -0.06 -0.28	27.31 -0.04 -1.58	28.75 -0.13 -1.76	29.89 -0.20 -1.81	31.35 -0.19 -1.86	29.30 -0.21 -1.78	29.48 -0.12 -1.79	25.74 -0.06 -1.66	23.79 -0.11 -1.59	28.16 -0.26 -0.36	51.17 -0.57 2.87	40.11 -0.41 2.01	34.63 -0.23 -1.97	37.92 -0.23 -2.09	37.25 -0.06 -1.89	37.64 0.04 -2.07	32.46 -0.03 -1.89
ALCOA___DSASP 323711	20.12 -0.06 -0.24	20.81 -0.04 0.00	13.32 -0.04 0.00	14.14 -0.04 0.00	16.71 -0.01 0.00	24.97 0.07 0.00	26.36 0.11 0.00	25.67 -0.06 -0.28	27.31 -0.04 -1.58	28.75 -0.13 -1.76	29.89 -0.19 -1.81	31.35 -0.19 -1.86	29.30 -0.21 -1.78	29.48 -0.13 -1.79	25.74 -0.06 -1.66	23.78 -0.11 -1.59	28.16 -0.26 -0.36	51.16 -0.58 2.87	40.11 -0.41 2.01	34.63 -0.23 -1.97	37.92 -0.23 -2.09	37.25 -0.06 -1.89	37.64 0.04 -2.07	32.46 -0.03 -1.89
ALLEGHENY___COGEN 23514	19.26 -0.68 0.00	20.01 -0.84 0.00	13.14 -0.56 -0.34	13.60 -0.59 0.00	16.10 -0.62 0.00	23.95 -0.95 0.00	25.26 -0.98 0.00	24.84 -0.60 0.00	25.29 -0.49 0.00	35.78 -0.89 -9.56	55.09 -1.29 -28.11	66.54 -1.44 -38.31	66.25 -1.03 -39.55	55.59 -1.40 -29.16	32.72 -1.30 -9.89	21.40 -1.09 -0.18	36.54 -1.20 -9.67	115.05 -2.16 -62.60	97.14 -1.59 -56.20	45.10 -0.98 -13.19	35.72 -0.97 -0.62	34.45 -0.97 0.00	34.64 -0.89 0.00	29.77 -0.83 0.00
ALTAMONT_115KV_TB 2 55880	20.57 0.63 0.00	21.52 0.67 0.00	14.22 0.45 -0.42	14.65 0.46 0.00	17.25 0.53 0.00	25.65 0.76 0.00	27.03 0.79 0.00	26.21 0.78 0.00	26.53 0.75 0.00	27.91 0.79 0.00	29.19 0.91 0.00	30.61 0.94 0.00	28.60 0.88 0.00	28.66 0.84 0.00	24.86 0.72 0.00	22.97 0.67 0.00	28.87 0.80 0.00	56.26 1.66 0.00	43.80 1.28 0.00	33.83 0.94 0.00	37.11 1.04 0.00	36.39 0.98 0.00	36.51 0.98 0.00	31.49 0.89 0.00
ALTONA_WT_PWR 323606	12.97 -0.64 6.34	20.24 -0.61 0.00	13.00 -0.36 0.00	13.80 -0.39 0.00	16.30 -0.42 0.00	24.51 -0.39 0.00	26.02 -0.22 0.00	17.19 -0.65 7.59	-17.28 -0.89 42.16	-21.10 -1.03 47.18	-21.09 -1.08 48.29	-21.36 -1.20 49.83	-21.08 -1.13 47.68	-21.05 -1.02 47.85	-21.03 -0.80 44.36	-21.04 -0.79 42.56	-21.07 -1.13 48.01	-21.05 -2.32 73.34	-21.08 -1.79 61.82	-21.10 -1.30 52.69	-21.08 -1.40 55.74	-16.53 -1.21 50.73	-21.10 -1.10 55.53	-21.11 -1.02 50.69
AMERICAN_REF_FUEL 24010	17.75 -2.19 0.00	18.48 -2.36 0.00	11.85 -1.48 0.02	12.61 -1.57 0.00	14.88 -1.84 0.00	22.06 -2.84 0.00	23.27 -2.97 0.00	22.88 -2.56 0.00	23.43 -2.34 0.00	22.31 -2.51 2.30	18.75 -2.76 6.76	17.85 -2.54 9.28	15.89 -2.27 9.57	18.56 -2.25 7.01	19.59 -2.17 2.38	20.15 -2.12 0.04	22.90 -2.84 2.33	33.90 -5.65 15.05	24.94 -4.07 13.51	26.38 -3.34 3.17	31.86 -4.06 0.15	31.65 -3.77 0.00	32.03 -3.50 0.00	27.48 -3.12 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.25 -1.70 0.00	18.78 -2.06 0.00	12.02 -1.33 0.00	12.85 -1.33 0.00	15.34 -1.39 0.00	22.97 -1.93 0.00	24.18 -2.07 0.00	23.36 -2.08 0.00	22.24 -2.05 1.49	23.24 -1.82 2.05	20.13 -2.12 6.03	17.96 -2.11 9.60	17.20 -2.00 8.53	19.56 -2.00 6.25	20.28 -1.74 2.12	20.47 -1.80 0.04	23.58 -2.42 2.07	36.38 -4.80 13.42	26.93 -3.54 12.05	27.81 -2.25 2.83	33.98 -1.96 0.13	33.52 -1.90 0.00	33.35 -2.18 0.00	29.35 -1.24 0.00
ARTHUR KILL_GT_1 23520	57.27 1.55 -35.78	42.58 1.65 -20.08	41.82 1.09 -27.38	41.81 1.15 -26.48	41.42 1.34 -23.36	41.83 2.15 -14.79	41.85 2.29 -13.32	41.85 2.25 -14.16	42.24 2.04 -14.43	42.33 2.27 -12.94	42.23 2.50 -11.45	41.24 2.58 -8.99	41.20 2.43 -11.04	41.16 2.40 -10.94	44.74 2.20 -18.40	41.23 1.95 -16.98	41.29 2.37 -10.85	56.76 4.09 1.93	45.98 3.46 0.00	42.47 2.87 -6.71	51.54 3.02 -12.44	46.09 2.87 -7.80	44.27 2.72 -6.02	43.14 2.54 -10.00
ARTHUR_KILL_2 23512	57.23 1.51 -35.78	42.52 1.60 -20.08	41.79 1.05 -27.38	41.78 1.12 -26.48	41.39 1.30 -23.36	41.78 2.10 -14.79	41.78 2.22 -13.32	41.78 2.19 -14.16	42.18 1.97 -14.43	42.26 2.20 -12.94	42.16 2.43 -11.45	41.18 2.51 -8.99	41.14 2.37 -11.04	41.10 2.34 -10.94	44.69 2.15 -18.40	41.19 1.90 -16.98	41.23 2.31 -10.85	56.62 3.95 1.93	45.86 3.34 0.00	42.37 2.77 -6.71	51.42 2.91 -12.44	45.98 2.76 -7.80	44.17 2.62 -6.02	43.05 2.45 -10.00
ARTHUR_KILL_3 23513	58.37 1.58 -36.85	40.93 1.72 -18.37	38.14 1.12 -23.66	39.26 1.17 -23.90	41.33 1.34 -23.26	41.60 1.91 -14.79	41.57 2.00 -13.32	41.55 1.95 -14.17	42.33 1.92 -14.63	42.30 2.10 -13.09	42.31 2.24 -11.80	40.95 2.28 -9.00	40.96 2.18 -11.05	41.18 2.21 -11.16	45.23 1.98 -19.11	41.60 1.73 -17.56	44.10 2.14 -13.89	58.62 4.02 0.00	45.73 3.21 0.00	42.17 2.53 -6.75	51.22 2.70 -12.45	45.71 2.49 -7.81	43.96 2.41 -6.02	42.77 2.16 -10.01

ARTHUR_KILL_COGEN 323718	57.27 1.55 -35.78	42.58 1.65 -20.08	41.82 1.09 -27.38	41.81 1.15 -26.48	41.42 1.34 -23.36	41.83 2.15 -14.79	41.85 2.29 -13.32	41.85 2.25 -14.16	42.24 2.04 -14.43	42.33 2.27 -12.94	42.23 2.50 -11.45	41.24 2.58 -8.99	41.20 2.43 -11.04	41.16 2.40 -10.94	44.74 2.20 -18.40	41.23 1.95 -16.98	41.29 2.37 -10.85	56.76 4.09 1.93	45.98 3.46 0.00	42.47 2.87 -6.71	51.54 3.02 -12.44	46.09 2.87 -7.80	44.27 2.72 -6.02	43.14 2.54 -10.00
ASHOKAN____ 23654	21.24 1.30 0.00	22.20 1.36 0.00	14.60 0.86 -0.39	15.10 0.92 0.00	17.78 1.06 0.00	26.42 1.53 0.00	27.88 1.64 0.00	27.07 1.63 0.00	27.47 1.69 0.00	29.00 1.88 0.00	30.23 1.96 0.00	31.63 1.96 0.00	29.41 1.68 0.00	29.52 1.70 0.00	25.47 1.33 0.00	23.60 1.30 0.00	29.69 1.62 0.00	58.22 3.62 0.00	45.50 2.98 0.00	35.12 2.23 0.00	38.51 2.44 0.00	37.66 2.25 0.00	37.67 2.14 0.00	32.42 1.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.25 1.56 -35.76	39.71 1.51 -17.35	36.30 0.98 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.72 2.01 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.07 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.35 4.21 -0.54	48.62 3.49 -2.61	36.77 2.69 -1.19	40.01 2.90 -1.05	38.26 2.68 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_EAST_ENERGY_CC2 323582	57.25 1.56 -35.76	39.71 1.51 -17.35	36.30 0.98 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.72 2.01 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.07 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.35 4.21 -0.54	48.62 3.49 -2.61	36.77 2.69 -1.19	40.01 2.90 -1.05	38.26 2.68 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT2_1 24094	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT2_2 24095	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT2_3 24096	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT2_4 24097	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT3_1 24098	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT3_2 24099	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT3_3 24100	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT3_4 24101	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT4_1 24102	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT4_2 24103	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT4_3 24104	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00

ASTORIA_GT4_4 24105	57.29 1.60 -35.76	39.79 1.59 -17.35	36.35 1.03 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.76 2.04 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.08 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.43 4.29 -0.54	48.66 3.53 -2.61	36.78 2.70 -1.19	40.06 2.94 -1.05	38.27 2.69 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA_GT_1 23523	57.28 1.59 -35.76	39.73 1.54 -17.35	36.33 1.00 -21.97	31.74 1.11 -16.45	23.37 1.27 -5.38	27.06 1.93 -0.24	28.30 2.05 0.00	27.44 2.00 -0.01	29.38 1.91 -1.70	30.77 2.05 -1.60	30.64 2.33 -0.04	32.08 2.41 0.00	29.99 2.26 0.00	30.14 2.32 0.00	26.25 2.11 0.00	24.16 1.85 -0.01	30.35 2.28 0.00	59.45 4.31 -0.54	48.69 3.56 -2.61	36.82 2.74 -1.19	40.08 2.96 -1.05	38.32 2.74 -0.16	38.20 2.66 0.00	32.97 2.37 0.00
ASTORIA_GT_10 24110	58.31 1.64 -36.74	42.70 1.73 -20.12	40.24 1.12 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.02 -2.06	31.25 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.05 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.88 -0.01	30.38 2.31 0.00	58.86 4.25 0.00	45.97 3.45 0.00	35.63 2.73 -0.01	38.98 2.91 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
ASTORIA_GT_11 24225	58.31 1.64 -36.74	42.70 1.73 -20.12	40.24 1.12 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.02 -2.06	31.25 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.05 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.88 -0.01	30.38 2.31 0.00	58.86 4.25 0.00	45.97 3.45 0.00	35.63 2.73 -0.01	38.98 2.91 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
ASTORIA_GT_12 24226	58.31 1.64 -36.74	42.70 1.73 -20.12	40.24 1.12 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.02 -2.06	31.25 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.05 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.88 -0.01	30.38 2.31 0.00	58.86 4.25 0.00	45.97 3.45 0.00	35.63 2.73 -0.01	38.98 2.91 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
ASTORIA_GT_13 24227	58.31 1.64 -36.74	42.70 1.73 -20.12	40.24 1.12 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.02 -2.06	31.25 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.05 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.88 -0.01	30.38 2.31 0.00	58.86 4.25 0.00	45.97 3.45 0.00	35.63 2.73 -0.01	38.98 2.91 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
ASTORIA_GT_5 24106	57.32 1.62 -35.76	39.81 1.62 -17.35	36.37 1.05 -21.97	31.74 1.11 -16.45	23.37 1.27 -5.38	27.06 1.93 -0.24	28.30 2.05 0.00	27.44 2.00 -0.01	29.38 1.91 -1.70	30.80 2.08 -1.60	30.64 2.33 -0.04	32.08 2.41 0.00	29.99 2.27 0.00	30.14 2.32 0.00	26.25 2.11 0.00	24.16 1.86 -0.01	30.35 2.28 0.00	59.52 4.38 -0.54	48.73 3.59 -2.61	36.83 2.75 -1.19	40.12 3.01 -1.05	38.33 2.75 -0.16	38.20 2.66 0.00	32.97 2.37 0.00
ASTORIA_GT_7 24107	57.32 1.62 -35.76	39.81 1.62 -17.35	36.37 1.05 -21.97	31.74 1.11 -16.45	23.37 1.27 -5.38	27.06 1.93 -0.24	28.30 2.05 0.00	27.44 2.00 -0.01	29.38 1.91 -1.70	30.80 2.08 -1.60	30.64 2.33 -0.04	32.08 2.41 0.00	29.99 2.27 0.00	30.14 2.32 0.00	26.25 2.11 0.00	24.16 1.86 -0.01	30.35 2.28 0.00	59.52 4.38 -0.54	48.73 3.59 -2.61	36.83 2.75 -1.19	40.12 3.01 -1.05	38.33 2.75 -0.16	38.20 2.66 0.00	32.97 2.37 0.00
ASTORIA_GT_8 24108	57.32 1.62 -35.76	39.81 1.62 -17.35	36.37 1.05 -21.97	31.74 1.11 -16.45	23.37 1.27 -5.38	27.06 1.93 -0.24	28.30 2.05 0.00	27.44 2.00 -0.01	29.38 1.91 -1.70	30.80 2.08 -1.60	30.64 2.33 -0.04	32.08 2.41 0.00	29.99 2.27 0.00	30.14 2.32 0.00	26.25 2.11 0.00	24.16 1.86 -0.01	30.35 2.28 0.00	59.52 4.38 -0.54	48.73 3.59 -2.61	36.83 2.75 -1.19	40.12 3.01 -1.05	38.33 2.75 -0.16	38.20 2.66 0.00	32.97 2.37 0.00
ASTORIA___2 24149	57.25 1.56 -35.76	39.71 1.51 -17.35	36.30 0.98 -21.97	31.72 1.09 -16.45	23.35 1.25 -5.38	27.03 1.90 -0.24	28.25 2.01 0.00	27.40 1.96 -0.01	29.34 1.87 -1.70	30.72 2.01 -1.60	30.60 2.28 -0.04	32.04 2.37 0.00	29.95 2.22 0.00	30.10 2.28 0.00	26.22 2.07 0.00	24.12 1.81 -0.01	30.31 2.24 0.00	59.35 4.21 -0.54	48.62 3.49 -2.61	36.77 2.69 -1.19	40.01 2.90 -1.05	38.26 2.68 -0.16	38.13 2.60 0.00	32.92 2.32 0.00
ASTORIA___3 23516	58.31 1.63 -36.74	42.68 1.72 -20.12	40.23 1.11 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.03 -2.06	31.24 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.04 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.89 -0.01	30.38 2.31 0.00	58.83 4.22 0.00	45.95 3.43 0.00	35.62 2.73 -0.01	38.96 2.89 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
ASTORIA___4 23517	58.31 1.64 -36.74	42.70 1.73 -20.12	40.24 1.12 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.02 -2.06	31.25 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.05 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.88 -0.01	30.38 2.31 0.00	58.86 4.25 0.00	45.97 3.45 0.00	35.63 2.73 -0.01	38.98 2.91 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
ASTORIA___5 23518	58.31 1.63 -36.74	42.68 1.72 -20.12	40.23 1.11 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.42 2.03 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.86 2.03 -2.06	31.24 2.19 -1.94	30.70 2.39 -0.04	32.11 2.44 0.00	30.04 2.32 0.00	30.12 2.30 0.00	26.27 2.13 0.00	24.19 1.88 -0.01	30.38 2.31 0.00	58.83 4.22 0.00	45.95 3.43 0.00	35.62 2.73 -0.01	38.96 2.89 0.00	38.14 2.72 -0.01	38.16 2.63 0.00	32.96 2.36 0.00
AST_ENERGY_2_CC3 323677	58.33 1.65 -36.74	39.96 1.78 -17.34	36.47 1.16 -21.96	31.84 1.21 -16.44	23.48 1.38 -5.37	27.11 1.98 -0.23	28.33 2.09 0.00	27.48 2.04 0.00	29.47 2.01 -1.69	30.90 2.20 -1.59	30.65 2.34 -0.04	32.07 2.40 0.00	30.01 2.28 0.00	30.11 2.30 0.00	26.21 2.07 0.00	24.13 1.82 0.00	30.33 2.26 0.00	58.85 4.25 0.00	45.88 3.36 0.00	35.55 2.66 0.00	38.90 2.83 0.00	38.05 2.63 0.00	38.09 2.56 0.00	32.87 2.27 0.00
AST_ENERGY_2_CC4 323678	58.33 1.65 -36.74	39.96 1.78 -17.34	36.47 1.16 -21.96	31.84 1.21 -16.44	23.48 1.38 -5.37	27.11 1.98 -0.23	28.33 2.09 0.00	27.48 2.04 0.00	29.47 2.01 -1.69	30.90 2.20 -1.59	30.65 2.34 -0.04	32.07 2.40 0.00	30.01 2.28 0.00	30.11 2.30 0.00	26.21 2.07 0.00	24.13 1.82 0.00	30.33 2.26 0.00	58.85 4.25 0.00	45.88 3.36 0.00	35.55 2.66 0.00	38.90 2.83 0.00	38.05 2.63 0.00	38.09 2.56 0.00	32.87 2.27 0.00

ATHENS_STG_1 23668	20.72 0.78 0.00	21.69 0.84 0.00	14.29 0.56 -0.38	14.77 0.59 0.00	17.38 0.66 0.00	25.82 0.92 0.00	27.20 0.96 0.00	26.38 0.94 0.00	26.68 0.90 0.00	28.11 0.99 0.00	29.39 1.11 0.00	30.81 1.14 0.00	28.82 1.09 0.00	28.90 1.08 0.00	25.10 0.96 0.00	23.16 0.85 0.00	29.14 1.07 0.00	56.70 2.10 0.00	44.11 1.58 0.00	34.08 1.19 0.00	37.36 1.30 0.00	36.63 1.21 0.00	36.70 1.17 0.00	31.66 1.07 0.00
ATHENS_STG_2 23670	20.72 0.78 0.00	21.69 0.84 0.00	14.29 0.56 -0.38	14.77 0.59 0.00	17.38 0.66 0.00	25.82 0.92 0.00	27.20 0.96 0.00	26.38 0.94 0.00	26.68 0.90 0.00	28.11 0.99 0.00	29.39 1.11 0.00	30.81 1.14 0.00	28.82 1.09 0.00	28.90 1.08 0.00	25.10 0.96 0.00	23.16 0.85 0.00	29.14 1.07 0.00	56.70 2.10 0.00	44.11 1.58 0.00	34.08 1.19 0.00	37.36 1.30 0.00	36.63 1.21 0.00	36.70 1.17 0.00	31.66 1.07 0.00
ATHENS_STG_3 23677	20.72 0.78 0.00	21.69 0.84 0.00	14.29 0.56 -0.38	14.77 0.59 0.00	17.38 0.66 0.00	25.82 0.92 0.00	27.20 0.96 0.00	26.38 0.94 0.00	26.68 0.90 0.00	28.11 0.99 0.00	29.39 1.11 0.00	30.81 1.14 0.00	28.82 1.09 0.00	28.90 1.08 0.00	25.10 0.96 0.00	23.16 0.85 0.00	29.14 1.07 0.00	56.70 2.10 0.00	44.11 1.58 0.00	34.08 1.19 0.00	37.36 1.30 0.00	36.63 1.21 0.00	36.70 1.17 0.00	31.66 1.07 0.00
AUBURN___LFGE 323710	19.82 -0.12 0.00	20.68 -0.16 0.00	13.30 -0.10 -0.04	14.09 -0.09 0.00	16.57 -0.16 0.00	24.65 -0.25 0.00	26.06 -0.19 0.00	25.36 -0.08 0.00	25.76 -0.02 0.00	27.02 -0.10 0.00	28.17 -0.10 0.00	29.40 -0.27 0.00	27.51 -0.22 0.00	27.72 -0.10 0.00	23.85 -0.29 0.00	22.11 -0.20 0.00	27.88 -0.19 0.00	54.26 -0.34 0.00	42.47 -0.05 0.00	32.87 -0.02 0.00	36.03 -0.04 0.00	35.33 -0.09 0.00	35.36 -0.17 0.00	30.33 -0.27 0.00
BABYLON_RES_REC 323704	37.79 1.59 -16.26	22.61 1.88 0.10	13.75 1.26 0.87	14.58 1.33 0.93	18.15 1.43 0.00	26.80 1.92 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.51 1.85 0.12	30.37 1.83 -1.43	31.58 1.98 -1.33	32.28 2.05 -0.56	29.52 1.80 0.00	29.67 1.86 0.00	30.57 1.70 -4.73	25.47 1.48 -1.69	32.97 1.84 -3.06	82.22 3.58 -24.03	116.77 2.85 -71.40	73.06 2.28 -37.90	72.60 2.49 -34.04	51.62 2.32 -13.89	37.76 2.23 0.00	32.53 1.93 0.00
BABYLON__69_KV_BK2 356345	37.98 1.77 -16.26	22.81 2.07 0.10	13.87 1.39 0.87	14.71 1.46 0.93	18.30 1.59 0.00	27.02 2.13 0.01	28.63 2.38 0.00	27.55 2.12 0.00	27.73 2.07 0.12	30.56 2.05 -1.40	31.75 2.18 -1.31	32.47 2.25 -0.54	29.70 1.98 0.00	29.86 2.05 0.00	30.63 1.87 -4.63	25.61 1.66 -1.65	33.15 2.08 -3.00	82.15 4.08 -23.47	115.36 3.17 -69.66	72.39 2.51 -36.99	72.07 2.77 -33.23	51.65 2.66 -13.58	38.09 2.56 0.00	32.80 2.20 0.00
BALL_HILL_WT_PWR 323825	18.58 -1.36 0.00	19.21 -1.63 0.00	12.28 -1.06 0.02	13.11 -1.07 0.00	15.56 -1.17 0.00	23.21 -1.69 0.00	24.44 -1.80 0.00	23.80 -1.64 0.00	23.89 -1.61 0.27	23.01 -1.51 2.60	18.91 -1.73 7.63	17.28 -1.69 10.71	15.38 -1.55 10.80	18.32 -1.58 7.92	20.01 -1.45 2.68	20.73 -1.52 0.05	23.46 -1.98 2.63	33.62 -3.99 17.00	24.31 -2.95 15.26	27.22 -2.09 3.58	33.81 -2.09 0.17	33.39 -2.03 0.00	33.40 -2.13 0.00	29.18 -1.42 0.00
BARON_WINDS___WT_PWR 323822	18.74 -1.20 0.00	19.43 -1.41 0.00	12.05 -0.91 0.40	13.24 -0.95 0.00	15.69 -1.04 0.00	23.36 -1.54 0.00	24.60 -1.65 0.00	24.11 -1.33 0.00	24.33 -1.45 0.00	9.57 -1.58 15.97	-20.53 -1.83 46.97	-36.33 -1.86 64.14	-40.08 -1.60 66.21	-22.70 -1.79 48.73	5.90 -1.72 16.52	20.47 -1.53 0.30	10.02 -1.90 16.16	-53.63 -3.63 104.61	-54.19 -2.80 93.91	8.64 -2.21 22.04	32.72 -2.31 1.04	33.11 -2.31 0.00	33.32 -2.20 0.00	28.82 -1.78 0.00
BARRETT_IC_1 23704	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT_IC_10 23701	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	60.95 3.14 -3.20	18.49 2.37 26.40	29.10 1.92 5.71	48.76 2.08 -10.62	66.99 1.88 -29.69	37.42 1.87 -0.01	32.24 1.65 0.00
BARRETT_IC_11 23702	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	60.95 3.14 -3.20	18.49 2.37 26.40	29.10 1.92 5.71	48.76 2.08 -10.62	66.99 1.88 -29.69	37.42 1.87 -0.01	32.24 1.65 0.00
BARRETT_IC_12 23703	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	60.95 3.14 -3.20	18.49 2.37 26.40	29.10 1.92 5.71	48.76 2.08 -10.62	66.99 1.88 -29.69	37.42 1.87 -0.01	32.24 1.65 0.00
BARRETT_IC_2 23705	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT_IC_3 23706	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT_IC_4 23707	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00

BARRETT_IC_5 23708	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT_IC_6 23709	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT_IC_7 23710	37.62 1.42 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.22 1.71 -1.40	31.45 1.88 -1.30	37.18 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.36 1.41 -1.65	32.79 1.73 -2.99	84.70 3.16 -26.94	139.85 2.45 -94.88	86.04 1.94 -51.21	139.94 2.09 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.25 1.65 0.00
BARRETT_IC_8 23711	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT_IC_9 23700	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	60.95 3.14 -3.20	18.49 2.37 26.40	29.10 1.92 5.71	48.76 2.08 -10.62	66.99 1.88 -29.69	37.42 1.87 -0.01	32.24 1.65 0.00
BARRETT___1 23545	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	84.68 3.14 -26.94	139.77 2.37 -94.88	86.02 1.92 -51.21	139.93 2.08 -101.78	133.12 1.88 -95.82	37.46 1.87 -0.06	32.24 1.65 0.00
BARRETT___2 23546	37.62 1.41 -16.26	22.41 1.67 0.10	13.62 1.14 0.87	14.45 1.19 0.93	17.99 1.27 0.00	26.57 1.68 0.01	28.10 1.85 0.00	27.05 1.61 0.00	27.26 1.60 0.12	30.21 1.70 -1.40	31.45 1.88 -1.30	37.17 1.99 -5.52	29.55 1.79 -0.04	29.63 1.81 0.00	39.01 1.66 -13.21	25.37 1.42 -1.65	32.79 1.73 -2.99	60.95 3.14 -3.20	18.49 2.37 26.40	29.10 1.92 5.71	48.76 2.08 -10.62	66.99 1.88 -29.69	37.42 1.87 -0.01	32.24 1.65 0.00
BATAVIA__115KV_TB1 55881	18.63 -1.31 0.00	19.40 -1.45 0.00	12.44 -0.91 0.00	13.21 -0.98 0.00	15.60 -1.13 0.00	23.16 -1.74 0.00	24.45 -1.80 0.00	24.00 -1.44 0.00	24.57 -1.21 0.00	24.16 -1.35 1.60	21.77 -1.79 4.72	21.58 -1.59 6.50	19.73 -1.29 6.70	21.39 -1.54 4.89	21.06 -1.42 1.66	21.04 -1.23 0.03	24.81 -1.64 1.62	40.72 -3.39 10.50	30.78 -2.32 9.43	28.90 -1.78 2.21	33.75 -2.22 0.10	33.36 -2.05 0.00	33.61 -1.92 0.00	28.80 -1.80 0.00
BAYONEEC___CTG1 323682	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG10 323750	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG2 323683	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG3 323684	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG4 323685	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG5 323686	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG6 323687	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00

BAYONEEC___CTG7 323688	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG8 323689	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BAYONEEC___CTG9 323749	58.40 1.62 -36.85	39.93 1.74 -17.35	36.46 1.14 -21.97	31.83 1.19 -16.45	23.45 1.36 -5.37	27.08 1.95 -0.23	28.31 2.07 0.00	27.44 2.00 0.00	29.44 1.97 -1.69	30.86 2.15 -1.59	30.61 2.30 -0.04	32.02 2.35 0.00	29.96 2.23 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.78 0.00	30.29 2.22 0.00	58.74 4.14 0.00	45.80 3.28 0.00	35.49 2.60 0.00	38.84 2.77 0.00	38.00 2.59 0.00	38.04 2.51 0.00	32.84 2.23 0.00
BEACON___LESR 323632	20.77 0.83 0.00	21.70 0.85 0.00	14.34 0.57 -0.42	14.78 0.59 0.00	17.39 0.67 0.00	25.84 0.94 0.00	27.27 1.03 0.00	26.45 1.01 0.00	26.82 1.04 0.00	28.17 1.05 0.00	29.49 1.22 0.00	30.92 1.25 0.00	28.89 1.17 0.00	28.91 1.09 0.00	25.09 0.95 0.00	23.22 0.92 0.00	29.13 1.06 0.00	56.89 2.29 0.00	44.16 1.64 0.00	34.19 1.30 0.00	37.50 1.43 0.00	36.76 1.34 0.00	36.83 1.30 0.00	31.74 1.14 0.00
BEAVER RIVER___HYD 24048	19.73 -0.61 -0.40	20.03 -0.82 0.00	12.81 -0.55 -0.01	13.63 -0.56 0.00	16.16 -0.56 0.00	23.97 -0.92 0.00	25.55 -0.69 0.00	25.38 -0.54 -0.48	27.87 -0.56 -2.66	29.20 -0.88 -2.98	30.23 -1.09 -3.05	31.93 -0.88 -3.14	29.57 -1.16 -3.01	29.62 -1.21 -3.02	25.84 -1.10 -2.80	24.04 -0.94 -2.69	29.62 -1.01 -2.56	55.71 -1.70 -2.80	43.60 -1.42 -2.50	35.26 -0.96 -3.33	38.65 -0.93 -3.52	37.62 -0.98 -3.19	38.04 -0.98 -3.49	32.70 -1.09 -3.19
BEEBEE_GT_13 23619	18.92 -1.02 0.00	19.74 -1.10 0.00	12.70 -0.70 -0.04	13.44 -0.75 0.00	15.86 -0.86 0.00	23.57 -1.33 0.00	24.86 -1.39 0.00	24.30 -1.14 0.00	24.80 -0.97 0.00	26.03 -1.09 0.00	26.93 -1.35 0.00	28.44 -1.23 0.00	26.65 -1.07 0.00	26.73 -1.09 0.00	23.17 -0.97 0.00	21.43 -0.87 0.00	26.82 -1.25 0.00	51.94 -2.67 0.00	40.62 -1.90 0.00	31.46 -1.43 0.00	34.39 -1.68 0.00	33.85 -1.57 0.00	34.02 -1.52 0.00	29.18 -1.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.49 1.81 -36.74	43.84 1.90 -21.10	41.97 1.23 -27.38	41.96 1.30 -26.48	41.59 1.51 -23.36	41.98 2.30 -14.79	42.00 2.44 -13.32	41.99 2.40 -14.16	42.53 2.29 -14.45	42.58 2.51 -12.95	42.49 2.76 -11.45	41.49 2.83 -8.99	41.46 2.69 -11.04	41.44 2.68 -10.94	44.97 2.43 -18.40	41.45 2.16 -16.98	44.12 2.67 -13.38	59.46 4.86 0.00	46.48 3.96 0.00	42.77 3.17 -6.71	51.91 3.40 -12.44	46.42 3.20 -7.80	44.63 3.08 -6.02	43.37 2.77 -10.00
BETHLEHEM___GRP 23843	20.45 0.51 0.00	21.39 0.55 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.16 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.67 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.74 0.60 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.26 0.00	43.50 0.97 0.00	33.58 0.68 0.00	36.79 0.73 0.00	36.06 0.64 0.00	36.23 0.70 0.00	31.27 0.67 0.00
BETHLEHEM___GS1 323560	20.45 0.51 0.00	21.39 0.54 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.15 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.66 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.73 0.59 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.25 0.00	43.50 0.98 0.00	33.58 0.68 0.00	36.80 0.73 0.00	36.06 0.65 0.00	36.23 0.70 0.00	31.27 0.67 0.00
BETHLEHEM___GS2 323561	20.45 0.51 0.00	21.39 0.54 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.15 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.66 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.73 0.59 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.25 0.00	43.50 0.98 0.00	33.58 0.68 0.00	36.80 0.73 0.00	36.06 0.65 0.00	36.23 0.70 0.00	31.27 0.67 0.00
BETHLEHEM___GS3 323562	20.45 0.51 0.00	21.39 0.54 0.00	14.14 0.37 -0.42	14.56 0.38 0.00	17.15 0.43 0.00	25.50 0.60 0.00	26.87 0.63 0.00	26.05 0.61 0.00	26.36 0.58 0.00	27.66 0.55 0.00	29.02 0.75 0.00	30.44 0.77 0.00	28.47 0.74 0.00	28.51 0.69 0.00	24.73 0.59 0.00	22.87 0.57 0.00	28.70 0.63 0.00	55.86 1.25 0.00	43.50 0.98 0.00	33.58 0.68 0.00	36.80 0.73 0.00	36.06 0.65 0.00	36.23 0.70 0.00	31.27 0.67 0.00
BETHLEHEM___STEEL 23779	18.35 -1.59 0.00	19.08 -1.77 0.00	12.19 -1.13 0.03	12.99 -1.19 0.00	15.35 -1.37 0.00	22.79 -2.11 0.00	24.03 -2.22 0.00	23.59 -1.84 0.00	24.09 -1.69 0.00	22.33 -1.85 2.94	17.51 -2.10 8.66	15.82 -1.98 11.87	13.72 -1.76 12.25	17.10 -1.73 8.99	19.49 -1.61 3.05	20.68 -1.56 0.05	22.92 -2.16 2.98	30.83 -4.48 19.29	21.97 -3.23 17.32	26.30 -2.52 4.06	32.98 -2.90 0.19	32.76 -2.66 0.00	33.03 -2.50 0.00	28.43 -2.17 0.00
BETHLHEM_115KV_TB1 79974	20.49 0.55 0.00	21.42 0.58 0.00	14.16 0.39 -0.42	14.59 0.40 0.00	17.18 0.46 0.00	25.54 0.64 0.00	26.91 0.67 0.00	26.10 0.66 0.00	26.40 0.63 0.00	27.73 0.61 0.00	29.08 0.80 0.00	30.49 0.82 0.00	28.51 0.79 0.00	28.55 0.74 0.00	24.78 0.64 0.00	22.90 0.60 0.00	28.75 0.68 0.00	55.97 1.36 0.00	43.57 1.05 0.00	33.64 0.75 0.00	36.88 0.81 0.00	36.13 0.72 0.00	36.30 0.77 0.00	31.33 0.73 0.00
BETHPAGE_CC_5 323564	37.78 1.58 -16.26	22.59 1.85 0.10	13.73 1.25 0.87	14.56 1.31 0.93	18.14 1.42 0.00	26.79 1.90 0.01	28.38 2.13 0.00	27.32 1.89 0.00	27.52 1.87 0.12	30.57 1.93 -1.53	31.76 2.07 -1.42	32.57 2.15 -0.75	29.65 1.92 0.00	29.79 1.97 0.00	31.21 1.78 -5.29	25.66 1.57 -1.79	33.24 1.92 -3.25	83.91 3.62 -25.69	122.24 2.85 -76.87	75.93 2.26 -40.78	76.50 2.45 -37.98	54.43 2.25 -16.76	37.71 2.18 0.00	32.53 1.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.41 -1.53 0.00	19.14 -1.71 0.00	12.23 -1.10 0.03	13.03 -1.16 0.00	15.40 -1.33 0.00	22.86 -2.04 0.00	24.12 -2.13 0.00	23.67 -1.77 0.00	24.17 -1.61 0.00	22.60 -1.76 2.76	18.18 -1.97 8.12	16.66 -1.88 11.13	14.56 -1.69 11.48	17.74 -1.65 8.42	19.75 -1.54 2.85	20.76 -1.50 0.05	23.19 -2.09 2.79	32.23 -4.30 18.08	23.18 -3.11 16.23	26.64 -2.44 3.81	33.10 -2.80 0.18	32.84 -2.57 0.00	33.12 -2.40 0.00	28.51 -2.09 0.00

BINGHAMTON___COGEN 23790	19.90 -0.04 0.00	20.77 -0.08 0.00	13.42 -0.04 -0.11	14.15 -0.03 0.00	16.70 -0.03 0.00	24.85 -0.05 0.00	26.13 -0.12 0.00	25.46 0.02 0.00	25.78 0.01 0.00	27.19 0.07 0.00	28.30 0.03 0.00	29.69 0.01 0.00	27.77 0.04 0.00	27.85 0.04 0.00	24.09 -0.04 0.00	22.22 -0.08 0.00	28.12 0.05 0.00	54.64 0.04 0.00	42.50 -0.02 0.00	32.85 -0.04 0.00	36.01 -0.06 0.00	35.28 -0.13 0.00	35.34 -0.19 0.00	30.46 -0.13 0.00
BIXINCNT_115KV_LOAD 355685	18.44 -1.50 0.00	19.00 -1.84 0.00	12.06 -1.31 -0.01	12.78 -1.40 0.00	15.14 -1.58 0.00	22.69 -2.20 0.00	24.33 -1.92 0.00	23.63 -1.80 0.00	24.40 -1.56 -0.18	23.43 -1.95 1.74	21.50 -1.67 5.10	20.78 -2.05 6.85	18.57 -1.92 7.23	20.37 -2.15 5.29	20.53 -1.82 1.79	20.71 -1.56 0.03	23.64 -2.67 1.76	38.06 -5.18 11.36	28.33 -3.99 10.20	27.33 -3.17 2.39	32.65 -3.30 0.11	32.21 -3.20 0.00	32.84 -2.69 0.00	28.55 -2.05 0.00
BLACK RIVER___HYD 24047	19.57 -0.65 -0.28	19.99 -0.85 0.00	12.79 -0.58 -0.02	13.61 -0.57 0.00	16.13 -0.59 0.00	23.90 -1.00 0.00	25.46 -0.79 0.00	25.21 -0.55 -0.33	27.12 -0.49 -1.83	28.36 -0.82 -2.05	29.30 -1.08 -2.10	30.97 -0.87 -2.17	28.49 -1.31 -2.08	28.62 -1.28 -2.08	24.89 -1.18 -1.93	23.20 -0.96 -1.85	28.92 -0.92 -1.77	55.04 -1.52 -1.95	42.94 -1.32 -1.74	34.33 -0.86 -2.29	37.65 -0.85 -2.43	36.66 -0.96 -2.20	36.94 -1.00 -2.41	31.69 -1.11 -2.20
BLACKRVR_115KV_TB2 79977	19.57 -0.65 -0.28	19.99 -0.85 0.00	12.79 -0.58 -0.02	13.61 -0.57 0.00	16.13 -0.59 0.00	23.90 -1.00 0.00	25.46 -0.79 0.00	25.21 -0.55 -0.33	27.12 -0.49 -1.83	28.36 -0.81 -2.05	29.30 -1.08 -2.10	30.97 -0.87 -2.17	28.49 -1.31 -2.08	28.62 -1.28 -2.08	24.89 -1.18 -1.93	23.20 -0.96 -1.85	28.92 -0.92 -1.77	55.04 -1.52 -1.95	42.94 -1.32 -1.74	34.33 -0.86 -2.29	37.65 -0.85 -2.43	36.66 -0.95 -2.20	36.94 -1.00 -2.41	31.69 -1.11 -2.20
BLISS_WT_PWR 323608	18.32 -1.63 0.00	18.81 -2.03 0.00	11.90 -1.46 -0.01	12.62 -1.57 0.00	14.95 -1.77 0.00	22.46 -2.44 0.00	24.20 -2.05 0.00	23.44 -2.00 0.00	24.25 -1.71 -0.18	23.21 -2.17 1.74	21.38 -1.80 5.10	20.57 -2.25 6.85	18.35 -2.14 7.23	20.06 -2.46 5.29	20.29 -2.05 1.79	20.59 -1.68 0.03	23.34 -2.97 1.76	37.52 -5.72 11.36	27.87 -4.45 10.20	26.95 -3.54 2.39	32.31 -3.65 0.11	31.85 -3.56 0.00	32.58 -2.95 0.00	28.42 -2.18 0.00
BLUESTONE___WT_PWR 323821	19.34 -0.60 0.00	20.22 -0.62 0.00	13.18 -0.29 -0.12	13.97 -0.21 0.00	16.56 -0.16 0.00	24.76 -0.14 0.00	25.95 -0.30 0.00	25.22 -0.21 0.00	25.66 -0.12 0.00	26.74 -0.37 0.00	28.06 -0.21 0.00	29.28 -0.39 0.00	27.11 -0.62 0.00	27.22 -0.60 0.00	24.28 0.13 0.00	22.47 0.17 0.00	28.55 0.48 0.00	55.75 1.15 0.00	42.22 -0.30 0.00	32.21 -0.68 0.00	35.65 -0.42 0.00	34.97 -0.45 0.00	34.63 -0.90 0.00	29.84 -0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	20.64 0.69 0.00	21.58 0.74 0.00	14.26 0.49 -0.41	14.70 0.52 0.00	17.32 0.60 0.00	25.75 0.85 0.00	27.14 0.90 0.00	26.31 0.87 0.00	26.59 0.82 0.00	27.96 0.84 0.00	29.28 1.01 0.00	30.69 1.02 0.00	28.67 0.94 0.00	28.64 0.82 0.00	24.86 0.72 0.00	22.97 0.66 0.00	28.85 0.78 0.00	56.34 1.74 0.00	43.91 1.39 0.00	33.91 1.02 0.00	37.18 1.12 0.00	36.46 1.04 0.00	36.59 1.06 0.00	31.55 0.95 0.00
BOC_GAS_DRP 24189	20.53 0.60 0.00	21.48 0.63 0.00	14.19 0.42 -0.42	14.62 0.44 0.00	17.23 0.50 0.00	25.61 0.71 0.00	26.99 0.74 0.00	26.16 0.73 0.00	26.47 0.69 0.00	27.85 0.74 0.00	29.12 0.85 0.00	30.55 0.88 0.00	28.57 0.84 0.00	28.62 0.80 0.00	24.84 0.71 0.00	22.96 0.65 0.00	28.84 0.77 0.00	56.16 1.56 0.00	43.70 1.18 0.00	33.75 0.86 0.00	37.01 0.94 0.00	36.29 0.88 0.00	36.41 0.88 0.00	31.41 0.82 0.00
BOONVILLE_115KV_TB1 79983	20.10 0.00 -0.16	20.73 -0.11 0.00	13.28 -0.08 -0.01	14.11 -0.08 0.00	16.68 -0.04 0.00	24.80 -0.10 0.00	26.27 0.03 0.00	25.77 0.15 -0.19	26.94 0.13 -1.04	28.30 0.02 -1.16	29.44 -0.02 -1.19	31.00 0.11 -1.23	28.84 -0.07 -1.18	28.85 -0.15 -1.18	25.10 -0.13 -1.09	23.19 -0.16 -1.05	29.13 -0.02 -1.08	56.16 0.16 -1.40	43.82 0.09 -1.21	34.29 0.10 -1.30	37.61 0.16 -1.38	36.74 0.08 -1.25	36.92 0.02 -1.37	31.72 -0.12 -1.25
BORALEX_4TH_BRANCH 23824	21.04 1.10 0.00	22.00 1.16 0.00	14.51 0.74 -0.42	14.96 0.78 0.00	17.63 0.91 0.00	26.25 1.35 0.00	27.66 1.42 0.00	26.79 1.36 0.00	27.09 1.32 0.00	28.54 1.42 0.00	29.78 1.51 0.00	31.38 1.71 0.00	29.34 1.61 0.00	29.29 1.47 0.00	25.35 1.21 0.00	23.51 1.21 0.00	29.42 1.35 0.00	57.45 2.85 0.00	44.58 2.05 0.00	34.15 1.26 0.00	37.59 1.52 0.00	37.00 1.58 0.00	37.21 1.68 0.00	32.20 1.60 0.00
BOWLINE___1 23526	16.47 1.18 4.64	21.87 1.25 0.23	14.51 0.81 -0.34	15.03 0.85 0.00	17.61 0.97 0.08	26.30 1.40 0.00	27.70 1.46 0.00	26.88 1.44 0.00	27.14 1.37 0.00	28.67 1.56 0.00	29.96 1.69 0.00	31.39 1.72 0.00	29.37 1.64 0.00	29.51 1.70 0.00	25.65 1.51 0.00	23.61 1.30 0.00	29.68 1.61 0.00	57.72 3.12 0.00	45.01 2.49 0.00	34.81 1.92 0.00	38.12 2.05 0.00	37.27 1.86 0.00	37.32 1.78 0.00	32.20 1.60 0.00
BOWLINE___2 23595	16.47 1.18 4.65	21.87 1.25 0.23	14.51 0.81 -0.34	15.03 0.85 0.00	17.61 0.97 0.08	26.30 1.40 0.00	27.70 1.46 0.00	26.88 1.44 0.00	27.14 1.37 0.00	28.68 1.56 0.00	29.96 1.69 0.00	31.39 1.72 0.00	29.37 1.64 0.00	29.51 1.70 0.00	25.65 1.51 0.00	23.61 1.30 0.00	29.68 1.61 0.00	57.72 3.12 0.00	45.01 2.49 0.00	34.81 1.92 0.00	38.12 2.05 0.00	37.27 1.86 0.00	37.32 1.79 0.00	32.20 1.60 0.00
BRADY___115KV_TB2 356060	20.49 0.04 -0.51	20.90 0.06 0.00	13.36 0.01 0.00	14.20 0.01 0.00	16.79 0.06 0.00	25.09 0.19 0.00	26.50 0.26 0.00	26.13 0.07 -0.62	29.28 0.09 -3.42	30.94 0.00 -3.82	32.04 -0.15 -3.91	33.57 -0.14 -4.04	31.37 -0.22 -3.86	31.61 -0.08 -3.88	27.62 -0.12 -3.60	25.61 -0.15 -3.45	30.25 -0.29 -2.48	54.64 -0.39 -0.43	43.04 -0.24 -0.76	37.13 -0.04 -4.27	40.59 0.00 -4.52	39.67 0.16 -4.10	40.29 0.27 -4.49	34.81 0.12 -4.10
BRANSCOMB___SOLAR 323811	21.08 1.14 0.00	22.04 1.19 0.00	14.54 0.76 -0.43	14.98 0.80 0.00	17.68 0.95 0.00	26.33 1.43 0.00	27.78 1.53 0.00	26.94 1.50 0.00	27.20 1.43 0.00	28.67 1.55 0.00	29.97 1.69 0.00	31.43 1.76 0.00	29.35 1.62 0.00	29.29 1.47 0.00	25.24 1.10 0.00	23.39 1.08 0.00	29.50 1.43 0.00	57.70 3.10 0.00	44.82 2.29 0.00	34.55 1.66 0.00	37.99 1.92 0.00	37.26 1.85 0.00	37.31 1.79 0.00	32.15 1.56 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.90 1.69 -16.26	22.74 2.00 0.10	13.82 1.34 0.87	14.67 1.42 0.93	18.25 1.54 0.00	26.93 2.04 0.01	28.55 2.31 0.00	27.46 2.03 0.00	27.64 1.99 0.12	30.33 1.90 -1.31	31.56 2.06 -1.23	32.11 2.13 -0.31	29.58 1.86 0.00	29.76 1.94 0.00	29.89 1.75 -3.99	25.40 1.55 -1.55	32.83 1.95 -2.82	80.31 3.80 -21.91	109.63 2.72 -64.39	69.16 2.10 -34.17	66.85 2.34 -28.44	47.29 2.43 -9.45	37.90 2.38 0.00	32.64 2.04 0.00

BRISTLHL_115KV_TB1 79998	19.49 -0.45 0.00	20.35 -0.49 0.00	13.06 -0.32 -0.03	13.85 -0.34 0.00	16.33 -0.40 0.00	24.28 -0.61 0.00	25.60 -0.65 0.00	24.89 -0.55 0.00	25.26 -0.51 0.00	26.60 -0.52 0.00	27.70 -0.57 0.00	29.07 -0.60 0.00	27.11 -0.62 0.00	27.24 -0.58 0.00	23.59 -0.55 0.00	21.85 -0.46 0.00	27.50 -0.57 0.00	53.55 -1.06 0.00	41.71 -0.82 0.00	32.24 -0.65 0.00	35.35 -0.72 0.00	34.65 -0.76 0.00	34.74 -0.79 0.00	29.89 -0.71 0.00
BROOKHAVEN___DRP 24191	37.72 1.51 -16.26	22.64 1.90 0.10	13.76 1.28 0.87	14.59 1.34 0.93	18.17 1.45 0.00	26.79 1.90 0.01	28.39 2.14 0.00	27.32 1.88 0.00	27.46 1.80 0.12	27.19 1.45 1.37	-44.15 1.54 73.96	-18.43 1.61 49.71	-0.91 1.38 30.01	-22.56 1.46 51.85	-20.50 1.36 46.01	25.13 1.30 -1.53	32.49 1.66 -2.77	79.41 3.34 -21.47	108.09 2.65 -62.92	68.43 2.15 -33.39	65.82 2.43 -27.32	46.24 2.24 -8.60	37.54 2.01 0.00	32.29 1.69 0.00
BROOKLYN_NAVY_YARD 23515	58.48 1.69 -36.85	40.03 1.83 -17.35	36.52 1.19 -21.97	31.87 1.24 -16.45	23.51 1.42 -5.37	27.17 2.04 -0.23	28.40 2.16 0.00	27.55 2.12 0.00	29.56 2.09 -1.69	30.98 2.28 -1.59	30.70 2.39 -0.04	32.10 2.43 0.00	30.04 2.31 0.00	30.08 2.27 0.00	26.20 2.06 0.00	24.13 1.83 0.00	30.34 2.27 0.00	59.57 4.23 -0.74	49.44 3.31 -3.60	37.14 2.62 -1.63	40.34 2.82 -1.45	38.29 2.66 -0.22	38.15 2.62 0.00	32.93 2.33 0.00
BROOKLYN___ARMY_DRP 323595	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
BROOKVLE_69_KV_TB1 55790	37.81 1.61 -16.26	22.55 1.81 0.10	13.69 1.21 0.87	14.53 1.27 0.93	18.12 1.40 0.00	26.83 1.94 0.01	28.36 2.12 0.00	27.39 1.95 0.00	27.61 1.95 0.12	31.41 2.10 -2.19	32.53 2.27 -1.99	33.43 2.35 -1.41	29.90 2.16 0.00	30.04 2.21 0.00	34.20 2.01 -8.06	26.58 1.76 -2.51	34.83 2.19 -4.57	95.92 4.19 -37.13	159.36 3.30 -113.54	95.42 2.53 -60.00	98.28 2.72 -59.49	67.25 2.55 -29.28	37.98 2.44 -0.01	32.74 2.14 0.00
BROOME_2_LFGE 323671	19.89 -0.05 0.00	20.77 -0.08 0.00	13.42 -0.04 -0.11	14.15 -0.03 0.00	16.70 -0.03 0.00	24.85 -0.05 0.00	26.13 -0.12 0.00	25.46 0.02 0.00	25.78 0.01 0.00	27.18 0.07 0.00	28.30 0.02 0.00	29.68 0.01 0.00	27.77 0.04 0.00	27.84 0.02 0.00	24.09 -0.04 0.00	22.22 -0.08 0.00	28.11 0.04 0.00	54.62 0.02 0.00	42.48 -0.04 0.00	32.85 -0.04 0.00	36.01 -0.06 0.00	35.28 -0.14 0.00	35.33 -0.20 0.00	30.46 -0.13 0.00
BROOME___LFGE 323600	19.89 -0.05 0.00	20.77 -0.08 0.00	13.42 -0.04 -0.11	14.15 -0.03 0.00	16.70 -0.03 0.00	24.85 -0.05 0.00	26.13 -0.12 0.00	25.46 0.02 0.00	25.78 0.01 0.00	27.18 0.07 0.00	28.30 0.02 0.00	29.68 0.01 0.00	27.77 0.04 0.00	27.84 0.02 0.00	24.09 -0.04 0.00	22.22 -0.08 0.00	28.11 0.04 0.00	54.62 0.02 0.00	42.48 -0.04 0.00	32.85 -0.04 0.00	36.01 -0.06 0.00	35.28 -0.14 0.00	35.33 -0.20 0.00	30.46 -0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	20.01 -0.64 -0.72	20.08 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.53 0.00	16.18 -0.55 0.00	24.08 -0.82 0.00	25.59 -0.66 0.00	25.64 -0.66 -0.86	29.87 -0.68 -4.78	31.53 -0.93 -5.35	32.64 -1.10 -5.47	34.31 -1.01 -5.64	31.97 -1.16 -5.40	32.09 -1.15 -5.42	28.16 -1.01 -5.03	26.22 -0.91 -4.82	31.51 -1.09 -4.54	57.43 -1.96 -4.78	45.25 -1.56 -4.29	37.79 -1.07 -5.97	41.29 -1.09 -6.32	40.11 -1.03 -5.73	40.81 -0.99 -6.27	35.28 -1.04 -5.73
BROWNSV1_27_KV_LOAD 356125	58.56 1.77 -36.85	40.09 1.90 -17.35	36.55 1.23 -21.97	31.92 1.29 -16.45	23.57 1.48 -5.37	27.22 2.10 -0.23	28.49 2.25 0.00	27.64 2.20 0.00	29.64 2.17 -1.69	31.09 2.38 -1.59	30.86 2.55 -0.04	32.28 2.61 0.00	30.21 2.48 0.00	30.31 2.49 0.00	26.39 2.25 0.00	24.29 1.99 0.00	30.55 2.48 0.00	59.26 4.66 0.00	46.22 3.70 0.00	35.81 2.92 0.00	39.18 3.11 0.00	38.34 2.92 0.00	38.37 2.84 0.00	33.10 2.51 0.00
BURROWS___LYONSDAL 23803	19.94 -0.20 -0.20	20.50 -0.35 0.00	13.13 -0.24 -0.01	13.95 -0.24 0.00	16.51 -0.21 0.00	24.52 -0.38 0.00	26.04 -0.21 0.00	25.61 -0.07 -0.24	27.03 -0.10 -1.36	28.36 -0.27 -1.52	29.46 -0.37 -1.56	31.06 -0.21 -1.60	28.86 -0.41 -1.54	28.87 -0.49 -1.54	25.13 -0.44 -1.43	23.25 -0.42 -1.37	29.09 -0.34 -1.37	55.82 -0.46 -1.68	43.58 -0.40 -1.46	34.34 -0.25 -1.70	37.66 -0.20 -1.80	36.78 -0.27 -1.63	36.98 -0.33 -1.78	31.77 -0.46 -1.63
CAITHNESS_CC_1 323624	37.71 1.51 -16.26	22.61 1.87 0.10	13.74 1.26 0.87	14.58 1.33 0.93	18.14 1.43 0.00	26.76 1.87 0.01	28.36 2.12 0.00	27.28 1.84 0.00	27.43 1.78 0.12	27.21 1.47 1.37	-44.10 1.60 73.97	-18.38 1.67 49.72	-0.86 1.43 30.02	-22.52 1.51 51.85	-20.47 1.40 46.01	25.14 1.31 -1.53	32.50 1.66 -2.77	79.36 3.30 -21.46	107.99 2.58 -62.89	68.37 2.11 -33.37	65.73 2.36 -27.30	46.19 2.19 -8.58	37.54 2.01 0.00	32.29 1.69 0.00
CALPINE BETH_PAGE_GT4 24209	37.79 1.58 -16.26	22.59 1.84 0.10	13.73 1.25 0.87	14.56 1.31 0.93	18.13 1.41 0.00	26.79 1.90 0.01	28.37 2.12 0.00	27.33 1.89 0.00	27.53 1.87 0.12	30.70 1.95 -1.64	31.88 2.09 -1.51	32.80 2.16 -0.97	29.67 1.94 0.00	29.81 1.99 0.00	31.88 1.80 -5.94	25.78 1.57 -1.91	33.44 1.91 -3.47	85.71 3.50 -27.60	128.52 2.78 -83.22	79.23 2.19 -44.14	81.16 2.38 -42.72	57.91 2.17 -20.32	37.63 2.10 -0.01	32.52 1.92 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.79 1.58 -16.26	22.58 1.84 0.10	13.73 1.24 0.87	14.56 1.31 0.93	18.13 1.42 0.00	26.79 1.90 0.01	28.37 2.13 0.00	27.32 1.89 0.00	27.53 1.87 0.12	30.69 1.94 -1.64	31.87 2.09 -1.51	32.80 2.16 -0.97	29.67 1.94 0.00	29.81 1.99 0.00	31.88 1.80 -5.94	25.79 1.57 -1.91	33.44 1.91 -3.47	85.70 3.50 -27.60	128.49 2.76 -83.22	79.22 2.19 -44.14	81.15 2.37 -42.72	57.91 2.17 -20.32	37.63 2.10 -0.01	32.52 1.92 0.00
CALPINE_BP_GT1 23823	37.79 1.58 -16.26	22.58 1.84 0.10	13.73 1.24 0.87	14.56 1.31 0.93	18.13 1.42 0.00	26.79 1.90 0.01	28.37 2.13 0.00	27.32 1.89 0.00	27.53 1.87 0.12	30.69 1.94 -1.64	31.87 2.09 -1.51	32.80 2.16 -0.97	29.67 1.94 0.00	29.81 1.99 0.00	31.88 1.80 -5.94	25.79 1.57 -1.91	33.44 1.91 -3.47	85.70 3.50 -27.60	128.49 2.76 -83.22	79.22 2.19 -44.14	81.15 2.37 -42.72	57.91 2.17 -20.32	37.63 2.10 -0.01	32.52 1.92 0.00
CALSPAN___DRP 24200	18.35 -1.59 0.00	19.08 -1.77 0.00	12.19 -1.13 0.03	12.99 -1.19 0.00	15.35 -1.37 0.00	22.79 -2.11 0.00	24.03 -2.22 0.00	23.59 -1.84 0.00	24.09 -1.69 0.00	22.33 -1.85 2.94	17.51 -2.10 8.66	15.82 -1.98 11.87	13.72 -1.76 12.25	17.10 -1.73 8.99	19.49 -1.61 3.05	20.68 -1.56 0.05	22.92 -2.16 2.98	30.83 -4.48 19.29	21.97 -3.23 17.32	26.30 -2.52 4.06	32.98 -2.90 0.19	32.76 -2.66 0.00	33.03 -2.50 0.00	28.43 -2.17 0.00

CALVERTON___SOLAR 323806	37.72 1.52 -16.26	22.65 1.91 0.10	13.77 1.29 0.87	14.60 1.35 0.93	18.17 1.46 0.00	26.81 1.92 0.01	28.41 2.17 0.00	27.33 1.90 0.00	27.47 1.82 0.12	27.33 1.39 1.18	-38.79 1.48 68.54	-14.89 1.54 46.11	1.20 1.32 27.85	-18.87 1.41 48.10	-16.95 1.31 42.41	25.12 1.29 -1.53	32.48 1.64 -2.77	79.41 3.33 -21.47	108.09 2.65 -62.93	68.46 2.17 -33.39	65.86 2.46 -27.33	46.29 2.27 -8.60	37.54 2.02 0.00	32.28 1.68 0.00
CANDIGU_WT_PWR 323617	18.74 -1.20 0.00	19.43 -1.41 0.00	12.05 -0.91 0.40	13.24 -0.95 0.00	15.69 -1.04 0.00	23.36 -1.54 0.00	24.60 -1.65 0.00	24.11 -1.33 0.00	24.33 -1.45 0.00	9.57 -1.58 15.97	-20.53 -1.83 46.97	-36.33 -1.86 64.14	-40.08 -1.60 66.21	-22.70 -1.79 48.73	5.90 -1.72 16.52	20.47 -1.53 0.30	10.02 -1.90 16.16	-53.63 -3.63 104.61	-54.19 -2.80 93.91	8.64 -2.21 22.04	32.72 -2.31 1.04	33.11 -2.31 0.00	33.32 -2.20 0.00	28.82 -1.78 0.00
CARR STREET_E_SYR 24060	19.62 -0.32 0.00	20.48 -0.36 0.00	13.15 -0.23 -0.03	13.94 -0.24 0.00	16.44 -0.28 0.00	24.45 -0.44 0.00	25.77 -0.48 0.00	25.06 -0.37 0.00	25.43 -0.34 0.00	26.78 -0.33 0.00	27.88 -0.39 0.00	29.25 -0.42 0.00	27.35 -0.38 0.00	27.45 -0.37 0.00	23.77 -0.37 0.00	22.00 -0.31 0.00	27.70 -0.36 0.00	53.92 -0.68 0.00	42.02 -0.50 0.00	32.48 -0.41 0.00	35.59 -0.48 0.00	34.90 -0.52 0.00	34.97 -0.56 0.00	30.10 -0.50 0.00
CARTHAGE___PAPER 23857	19.76 -0.50 -0.32	20.15 -0.70 0.00	12.89 -0.48 -0.02	13.71 -0.47 0.00	16.26 -0.46 0.00	24.11 -0.79 0.00	25.69 -0.56 0.00	25.45 -0.38 -0.39	27.57 -0.36 -2.15	28.86 -0.67 -2.41	29.83 -0.91 -2.47	31.52 -0.69 -2.54	29.09 -1.07 -2.44	29.17 -1.09 -2.44	25.39 -1.02 -2.27	23.66 -0.82 -2.18	29.37 -0.78 -2.08	55.64 -1.25 -2.28	43.44 -1.11 -2.03	34.90 -0.68 -2.69	38.27 -0.65 -2.85	37.27 -0.73 -2.58	37.61 -0.75 -2.83	32.28 -0.90 -2.58
CASSADAGA_WT_PWR 323784	18.28 -1.66 0.00	18.77 -2.08 0.00	12.02 -1.34 0.00	12.84 -1.34 0.00	15.41 -1.31 0.00	23.18 -1.72 0.00	24.31 -1.94 0.00	23.38 -2.06 0.00	21.88 -1.99 1.90	23.56 -1.66 1.90	20.73 -1.97 5.58	18.33 -1.98 9.36	17.94 -1.88 7.91	20.15 -1.88 5.79	20.58 -1.59 1.96	20.59 -1.67 0.04	23.71 -2.43 1.92	37.44 -4.73 12.44	27.83 -3.53 11.17	28.12 -2.15 2.62	34.23 -1.71 0.12	33.72 -1.70 0.00	33.54 -1.99 0.00	29.55 -1.05 0.00
CE_DUNWOOD___DRP 24194	12.50 1.41 8.85	22.41 1.51 -0.05	15.36 0.98 -1.02	15.73 1.04 -0.51	17.91 1.18 0.00	26.62 1.71 -0.01	28.04 1.80 0.00	27.19 1.75 0.00	27.54 1.70 -0.06	29.04 1.87 -0.06	30.30 2.03 0.00	31.74 2.07 0.00	29.69 1.97 0.00	29.83 2.01 0.00	25.95 1.80 0.00	23.88 1.58 0.00	30.04 1.98 0.00	58.37 3.77 0.00	45.50 2.97 0.00	35.21 2.32 0.00	38.56 2.49 0.00	37.73 2.32 0.00	37.78 2.25 0.00	32.59 1.99 0.00
CE_MILLWOOD___DRP 24193	14.18 1.35 7.12	22.34 1.45 -0.04	15.19 0.94 -0.89	15.59 0.99 -0.41	17.86 1.13 0.00	26.54 1.64 -0.01	27.96 1.72 0.00	27.11 1.68 0.00	27.45 1.62 -0.05	28.95 1.79 -0.05	30.22 1.94 0.00	31.66 1.99 0.00	29.61 1.89 0.00	29.74 1.92 0.00	25.87 1.73 0.00	23.82 1.51 0.00	29.95 1.89 0.00	58.22 3.62 0.00	45.38 2.86 0.00	35.11 2.22 0.00	38.45 2.39 0.00	37.63 2.21 0.00	37.67 2.14 0.00	32.49 1.90 0.00
CE_NYC2_DRP 24202	58.33 1.65 -36.74	42.71 1.75 -20.12	40.24 1.13 -25.76	34.72 1.20 -19.33	24.33 1.38 -6.22	27.43 2.04 -0.49	28.39 2.14 0.00	27.54 2.10 -0.01	29.87 2.04 -2.06	31.27 2.21 -1.94	30.73 2.41 -0.04	32.14 2.46 0.00	30.07 2.34 0.00	30.15 2.33 0.00	26.28 2.14 0.00	24.21 1.89 -0.01	30.40 2.33 0.00	58.90 4.30 0.00	46.00 3.48 0.00	35.66 2.76 -0.01	39.02 2.94 0.00	38.18 2.76 -0.01	38.20 2.66 0.00	32.98 2.38 0.00
CE_NYC_DRP 24195	40.47 1.64 -18.88	38.20 1.76 -15.59	35.27 1.15 -20.76	30.93 1.21 -15.53	22.91 1.38 -4.81	27.08 1.97 -0.21	28.33 2.09 0.00	27.48 2.04 0.00	29.38 2.01 -1.59	30.81 2.19 -1.51	30.66 2.36 -0.03	32.08 2.41 0.00	30.01 2.29 0.00	30.12 2.30 0.00	26.21 2.07 0.00	24.14 1.83 0.00	30.34 2.27 0.00	58.88 4.27 0.00	45.90 3.38 0.00	35.55 2.66 0.00	38.92 2.85 0.00	38.07 2.65 0.00	38.11 2.58 0.00	32.89 2.29 0.00
CHAFFEE___LFGE 323603	19.32 -0.62 0.00	20.09 -0.76 0.00	12.93 -0.47 -0.04	13.69 -0.49 0.00	16.19 -0.53 0.00	24.10 -0.80 0.00	25.39 -0.86 0.00	24.89 -0.55 0.00	25.57 -0.56 -0.36	25.90 -0.41 0.80	25.48 -0.43 2.36	26.30 -0.42 2.95	23.99 -0.37 3.37	24.95 -0.42 2.45	22.81 -0.50 0.83	21.53 -0.76 0.01	26.17 -1.08 0.81	47.50 -1.84 5.27	36.26 -1.54 4.73	30.40 -1.38 1.11	34.55 -1.46 0.05	33.96 -1.45 0.00	34.25 -1.28 0.00	29.52 -1.07 0.00
CHATEAUG_35_KV_LOAD 355732	12.47 -0.67 6.81	20.21 -0.64 0.00	12.94 -0.42 0.00	13.75 -0.43 0.00	16.27 -0.45 0.00	24.47 -0.43 0.00	25.98 -0.27 0.00	16.52 -0.76 8.16	-20.49 -0.96 45.31	-24.66 -1.08 50.70	-24.75 -1.15 51.88	-25.18 -1.31 53.54	-24.78 -1.29 51.23	-24.75 -1.15 51.41	-24.43 -0.91 47.67	-24.30 -0.88 45.73	-24.62 -1.24 51.45	-26.20 -2.51 78.28	-25.40 -1.90 66.02	-25.09 -1.36 56.62	-25.32 -1.49 59.90	-20.39 -1.31 54.50	-25.29 -1.17 59.65	-24.94 -1.09 54.45
CHATEAUG_WT_PWR 323614	12.95 -0.67 6.32	20.20 -0.64 0.00	12.94 -0.41 0.00	13.76 -0.43 0.00	16.28 -0.45 0.00	24.47 -0.43 0.00	25.96 -0.29 0.00	17.12 -0.75 7.57	-17.24 -0.98 42.04	-21.01 -1.08 47.04	-21.03 -1.17 48.14	-21.28 -1.28 49.68	-21.04 -1.24 47.53	-21.02 -1.14 47.70	-21.01 -0.92 44.23	-21.02 -0.89 42.43	-21.03 -1.23 47.87	-21.01 -2.47 73.13	-21.01 -1.89 61.64	-21.04 -1.40 52.53	-21.03 -1.52 55.58	-16.50 -1.33 50.58	-21.07 -1.24 55.36	-21.08 -1.14 50.54
CHAT_HIGH_FALL_HYD 323578	12.47 -0.67 6.81	20.21 -0.64 0.00	12.94 -0.42 0.00	13.75 -0.43 0.00	16.27 -0.45 0.00	24.47 -0.43 0.00	25.98 -0.27 0.00	16.52 -0.76 8.16	-20.49 -0.96 45.31	-24.66 -1.08 50.70	-24.75 -1.15 51.88	-25.18 -1.31 53.54	-24.78 -1.29 51.23	-24.75 -1.15 51.41	-24.43 -0.91 47.67	-24.30 -0.88 45.73	-24.62 -1.24 51.45	-26.20 -2.51 78.28	-25.40 -1.90 66.02	-25.09 -1.36 56.62	-25.32 -1.49 59.90	-20.39 -1.31 54.50	-25.29 -1.17 59.65	-24.94 -1.09 54.45
CHAUTAUQUA___LFGE 323629	18.59 -1.35 0.00	19.20 -1.65 0.00	12.27 -1.07 0.01	13.11 -1.07 0.00	15.60 -1.13 0.00	23.30 -1.60 0.00	24.51 -1.74 0.00	23.82 -1.62 0.00	23.61 -1.61 0.56	23.29 -1.44 2.39	19.54 -1.71 7.03	17.88 -1.65 10.14	16.23 -1.55 9.95	18.96 -1.56 7.29	20.26 -1.40 2.47	20.76 -1.50 0.04	23.71 -1.94 2.42	35.02 -3.92 15.66	25.56 -2.90 14.06	27.65 -1.95 3.30	34.09 -1.82 0.15	33.62 -1.79 0.00	33.56 -1.97 0.00	29.39 -1.21 0.00
CHERRYST_13_KV_LD 356241	42.31 1.69 -20.68	38.43 1.82 -15.77	35.43 1.19 -20.88	31.06 1.25 -15.62	23.01 1.43 -4.86	27.10 1.99 -0.22	28.41 2.16 0.00	27.55 2.11 0.00	29.46 2.09 -1.60	30.90 2.28 -1.52	30.74 2.43 -0.03	32.16 2.48 0.00	30.10 2.37 0.00	30.20 2.38 0.00	26.29 2.15 0.00	24.20 1.90 0.00	30.42 2.35 0.00	59.04 4.44 0.00	46.03 3.51 0.00	35.65 2.76 0.00	39.02 2.95 0.00	38.18 2.76 0.00	38.21 2.67 0.00	32.97 2.38 0.00

CHESTROR_138KV_BK263 355645	18.52 1.04 2.46	21.82 1.10 0.12	14.40 0.72 -0.33	14.94 0.75 0.00	17.53 0.85 0.04	26.13 1.24 0.00	27.52 1.28 0.00	26.70 1.26 0.00	26.98 1.21 0.00	28.49 1.37 0.00	29.75 1.47 0.00	31.17 1.49 0.00	29.15 1.42 0.00	29.27 1.45 0.00	25.43 1.29 0.00	23.41 1.10 0.00	29.47 1.41 0.00	57.34 2.74 0.00	44.71 2.18 0.00	34.58 1.69 0.00	37.87 1.80 0.00	37.06 1.65 0.00	37.09 1.57 0.00	32.00 1.40 0.00
CH_MIDHUDSON___DRP 24192	21.70 1.31 -0.44	22.27 1.40 -0.02	14.62 0.91 -0.36	15.14 0.96 0.00	17.82 1.09 -0.01	26.48 1.58 0.00	27.89 1.65 0.00	27.05 1.62 0.00	27.36 1.58 0.00	28.85 1.74 0.00	30.16 1.89 0.00	31.61 1.94 0.00	29.54 1.81 0.00	29.64 1.82 0.00	25.78 1.64 0.00	23.72 1.42 0.00	29.90 1.83 0.00	58.19 3.59 0.00	45.31 2.79 0.00	35.03 2.14 0.00	38.38 2.31 0.00	37.58 2.17 0.00	37.62 2.09 0.00	32.43 1.83 0.00
CH_MISC_IPPS 23765	21.32 1.38 0.00	22.31 1.47 0.00	14.65 0.95 -0.35	15.18 1.00 0.00	17.86 1.14 0.00	26.55 1.65 0.00	27.98 1.74 0.00	27.15 1.71 0.00	27.45 1.67 0.00	28.96 1.85 0.00	30.27 2.00 0.00	31.71 2.04 0.00	29.62 1.90 0.00	29.74 1.92 0.00	25.85 1.72 0.00	23.80 1.50 0.00	30.01 1.94 0.00	58.42 3.82 0.00	45.49 2.97 0.00	35.19 2.30 0.00	38.55 2.49 0.00	37.73 2.31 0.00	37.76 2.23 0.00	32.54 1.95 0.00
CH_RES_BVR_FALLS 23983	19.50 -0.44 0.00	20.36 -0.48 0.00	13.05 -0.30 0.00	13.87 -0.32 0.00	16.40 -0.32 0.00	24.48 -0.41 0.00	25.89 -0.36 0.00	25.03 -0.41 0.00	25.29 -0.49 0.00	26.54 -0.58 0.00	27.56 -0.71 0.00	29.04 -0.63 0.00	27.07 -0.65 0.00	27.15 -0.67 0.00	23.62 -0.52 0.00	21.76 -0.55 0.00	25.09 -0.75 2.22	44.48 -1.47 8.65	34.65 -1.20 6.67	32.06 -0.83 0.00	35.23 -0.84 0.00	34.70 -0.72 0.00	34.92 -0.61 0.00	30.00 -0.60 0.00
CH_RES_NIAGARA 23895	17.77 -2.17 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.63 -1.55 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.56 0.00	23.42 -2.36 0.00	22.27 -2.58 2.27	18.75 -2.86 6.66	17.86 -2.67 9.14	15.91 -2.39 9.43	18.59 -2.32 6.91	19.63 -2.17 2.34	20.16 -2.10 0.04	22.84 -2.94 2.29	33.69 -6.08 14.84	24.91 -4.29 13.32	26.38 -3.39 3.13	31.87 -4.05 0.15	31.70 -3.71 0.00	32.05 -3.48 0.00	27.49 -3.10 0.00
CH_RES_SYRACUSE 23985	19.73 -0.22 0.00	20.59 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.19 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.81 -0.26 0.00	35.10 -0.32 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00
CLINTON_WT_PWR 323605	12.95 -0.67 6.32	20.20 -0.64 0.00	12.94 -0.41 0.00	13.76 -0.43 0.00	16.28 -0.45 0.00	24.47 -0.43 0.00	25.96 -0.29 0.00	17.12 -0.75 7.57	-17.24 -0.98 42.04	-21.01 -1.08 47.04	-21.03 -1.17 48.14	-21.28 -1.28 49.68	-21.04 -1.24 47.53	-21.02 -1.14 47.70	-21.01 -0.92 44.23	-21.02 -0.89 42.43	-21.03 -1.23 47.87	-21.01 -2.47 73.13	-21.01 -1.89 61.64	-21.04 -1.40 52.53	-21.03 -1.52 55.58	-16.50 -1.33 50.58	-21.07 -1.24 55.36	-21.08 -1.14 50.54
CLINTON___LFGE 323618	12.98 -0.52 6.45	20.36 -0.48 0.00	13.05 -0.31 0.00	13.86 -0.33 0.00	16.40 -0.32 0.00	24.69 -0.21 0.00	26.16 -0.08 0.00	17.21 -0.50 7.73	-17.83 -0.71 42.90	-21.72 -0.83 48.00	-21.73 -0.88 49.12	-22.03 -1.01 50.69	-21.76 -0.98 48.51	-21.75 -0.89 48.68	-21.65 -0.66 45.13	-21.65 -0.65 43.30	-21.72 -0.98 48.81	-21.96 -2.07 74.49	-21.86 -1.59 62.80	-21.84 -1.12 53.61	-21.83 -1.18 56.72	-17.19 -0.99 51.61	-21.89 -0.93 56.49	-21.85 -0.87 51.57
COBBLENY_34_KV_TB1 80064	19.32 -0.62 0.00	20.09 -0.75 0.00	12.93 -0.47 -0.04	13.69 -0.49 0.00	16.19 -0.53 0.00	24.10 -0.80 0.00	25.39 -0.85 0.00	24.89 -0.55 0.00	25.57 -0.56 -0.36	25.87 -0.44 0.80	25.47 -0.45 2.36	26.25 -0.47 2.95	23.96 -0.40 3.37	24.94 -0.43 2.45	22.80 -0.50 0.83	21.51 -0.77 0.01	26.17 -1.09 0.81	47.46 -1.88 5.27	36.23 -1.57 4.73	30.40 -1.38 1.11	34.54 -1.47 0.05	33.96 -1.45 0.00	34.25 -1.28 0.00	29.52 -1.08 0.00
COFFEEN___115KV_TB3 355620	19.67 -0.54 -0.27	20.12 -0.73 0.00	12.86 -0.51 -0.02	13.69 -0.50 0.00	16.22 -0.50 0.00	24.03 -0.86 0.00	25.58 -0.66 0.00	25.33 -0.42 -0.32	27.21 -0.34 -1.78	28.48 -0.63 -1.99	29.41 -0.69 -2.04	31.09 -0.69 -2.10	28.53 -1.21 -2.01	28.69 -1.14 -2.02	24.94 -1.07 -1.87	23.26 -0.83 -1.80	29.06 -0.73 -1.72	55.39 -1.11 -1.89	43.17 -1.03 -1.68	34.50 -0.61 -2.22	37.83 -0.59 -2.35	36.82 -0.73 -2.13	37.08 -0.78 -2.33	31.79 -0.94 -2.13
COLDSPRG_115KV_BK1 355956	19.09 -0.85 0.00	19.75 -1.10 0.00	12.68 -0.70 -0.03	13.48 -0.71 0.00	16.02 -0.70 0.00	23.94 -0.95 0.00	25.18 -1.07 0.00	24.52 -0.92 0.00	25.99 -0.85 -1.07	25.35 -0.65 1.12	24.19 -0.78 3.30	25.37 -0.71 3.59	22.33 -0.71 4.69	23.68 -0.71 3.43	22.30 -0.68 1.16	21.40 -0.89 0.02	25.69 -1.24 1.14	44.88 -2.37 7.35	34.14 -1.78 6.60	30.13 -1.21 1.55	34.90 -1.10 0.07	34.35 -1.07 0.00	34.37 -1.16 0.00	29.93 -0.67 0.00
COLONIE_LFGE___ 323577	20.79 0.85 0.00	21.74 0.90 0.00	14.36 0.58 -0.42	14.79 0.61 0.00	17.43 0.71 0.00	25.94 1.04 0.00	27.35 1.10 0.00	26.51 1.08 0.00	26.81 1.04 0.00	28.22 1.10 0.00	29.51 1.23 0.00	30.99 1.32 0.00	28.98 1.25 0.00	28.97 1.15 0.00	25.08 0.94 0.00	23.22 0.92 0.00	29.16 1.09 0.00	56.90 2.30 0.00	44.21 1.69 0.00	34.06 1.17 0.00	37.42 1.36 0.00	36.74 1.32 0.00	36.86 1.33 0.00	31.80 1.21 0.00
COOPERNY_115KV_TB1 80082	19.67 0.47 0.75	21.31 0.50 0.04	13.95 0.36 -0.24	14.55 0.37 0.00	17.10 0.39 0.01	25.44 0.54 0.00	26.80 0.56 0.00	26.01 0.57 0.00	26.31 0.53 0.00	27.74 0.62 0.00	28.96 0.68 0.00	30.33 0.66 0.00	28.36 0.63 0.00	28.47 0.65 0.00	24.72 0.58 0.00	22.93 0.63 0.00	29.08 1.01 0.00	56.53 1.92 0.00	44.05 1.53 0.00	34.08 1.18 0.00	37.33 1.26 0.00	36.56 1.14 0.00	36.61 1.08 0.00	31.57 0.97 0.00
COPENHAGEN_WT_PWR 323753	19.32 -0.87 -0.25	19.75 -1.09 0.00	12.63 -0.74 -0.02	13.45 -0.73 0.00	15.95 -0.77 0.00	23.61 -1.28 0.00	25.17 -1.07 0.00	24.94 -0.79 -0.30	26.70 -0.75 -1.68	27.83 -1.16 -1.88	28.77 -1.43 -1.92	30.43 -1.23 -1.98	28.02 -1.61 -1.90	28.12 -1.60 -1.90	24.45 -1.45 -1.77	22.78 -1.22 -1.69	28.42 -1.27 -1.62	54.17 -2.22 -1.79	42.26 -1.86 -1.59	33.71 -1.28 -2.10	36.97 -1.32 -2.22	36.02 -1.41 -2.01	36.29 -1.45 -2.20	31.12 -1.49 -2.01
CORNELL_____ 23752	19.99 0.05 0.00	20.87 0.02 0.00	13.48 0.02 -0.10	14.21 0.03 0.00	16.76 0.04 0.00	24.95 0.05 0.00	26.28 0.04 0.00	25.60 0.16 0.00	26.00 0.22 0.00	28.33 0.22 -0.99	31.32 0.14 -2.90	33.70 0.07 -3.97	31.85 0.03 -4.09	30.98 0.15 -3.01	24.98 -0.18 -1.02	22.31 -0.01 -0.02	29.28 0.22 -1.00	61.51 0.45 -6.46	48.79 0.46 -5.80	34.58 0.33 -1.36	36.49 0.35 -0.06	35.66 0.25 0.00	35.67 0.14 0.00	30.73 0.13 0.00

CORONA__69_KV_TB1 355595	37.80 1.59 -16.26	22.56 1.82 0.10	13.71 1.23 0.87	14.55 1.30 0.93	18.11 1.40 0.00	26.78 1.89 0.01	28.33 2.09 0.00	27.30 1.86 0.00	27.52 1.86 0.12	31.56 2.00 -2.45	32.64 2.16 -2.21	35.83 2.26 -3.90	29.79 2.04 -0.02	29.90 2.08 0.00	39.03 1.90 -12.98	26.75 1.65 -2.79	35.19 2.05 -5.08	101.14 3.86 -42.68	182.81 3.03 -137.26	108.34 2.38 -73.07	137.89 2.58 -99.23	110.58 2.35 -72.82	37.85 2.28 -0.04	32.58 1.98 0.00
CORTLAND_115KV_TB3 80093	19.95 0.01 0.00	20.83 -0.01 0.00	13.41 0.00 -0.06	14.18 0.00 0.00	16.73 0.01 0.00	24.90 0.00 0.00	26.22 -0.02 0.00	25.53 0.09 0.00	25.89 0.11 0.00	27.26 0.15 0.00	28.38 0.10 0.00	29.75 0.07 0.00	27.79 0.06 0.00	27.91 0.09 0.00	24.09 -0.06 0.00	22.28 -0.02 0.00	28.19 0.12 0.00	54.89 0.29 0.00	42.79 0.27 0.00	33.07 0.18 0.00	36.25 0.18 0.00	35.50 0.09 0.00	35.55 0.02 0.00	30.61 0.01 0.00
COXSACKIE__GT 23611	21.14 1.20 0.00	22.09 1.24 0.00	14.55 0.80 -0.40	15.03 0.85 0.00	17.71 0.99 0.00	26.35 1.45 0.00	27.82 1.58 0.00	27.04 1.60 0.00	27.51 1.74 0.00	28.99 1.88 0.00	30.21 1.94 0.00	31.59 1.92 0.00	29.33 1.61 0.00	29.25 1.43 0.00	25.25 1.11 0.00	23.46 1.16 0.00	29.28 1.21 0.00	57.81 3.21 0.00	45.44 2.92 0.00	35.05 2.16 0.00	38.40 2.33 0.00	37.57 2.15 0.00	37.65 2.11 0.00	32.37 1.77 0.00
CPV_VALLEY__CC1 323721	19.46 0.31 0.79	21.12 0.32 0.04	13.86 0.27 -0.23	14.45 0.27 0.00	16.97 0.26 0.01	25.23 0.33 0.00	26.58 0.33 0.00	25.78 0.35 0.00	26.09 0.31 0.00	27.51 0.39 0.00	28.72 0.44 0.00	30.09 0.42 0.00	28.15 0.42 0.00	28.26 0.44 0.00	24.55 0.41 0.00	22.92 0.61 0.00	29.26 1.19 0.00	56.89 2.29 0.00	44.33 1.81 0.00	34.30 1.41 0.00	37.56 1.49 0.00	36.75 1.34 0.00	36.80 1.27 0.00	31.75 1.15 0.00
CPV_VALLEY__CC2 323722	19.46 0.31 0.79	21.12 0.32 0.04	13.86 0.27 -0.23	14.45 0.27 0.00	16.97 0.26 0.01	25.23 0.33 0.00	26.58 0.33 0.00	25.78 0.35 0.00	26.09 0.31 0.00	27.51 0.39 0.00	28.72 0.44 0.00	30.09 0.42 0.00	28.15 0.42 0.00	28.26 0.44 0.00	24.55 0.41 0.00	22.92 0.61 0.00	29.26 1.19 0.00	56.89 2.29 0.00	44.33 1.81 0.00	34.30 1.41 0.00	37.56 1.49 0.00	36.75 1.34 0.00	36.80 1.27 0.00	31.75 1.15 0.00
CRESCENT__HYD 24018	20.79 0.85 0.00	21.74 0.90 0.00	14.36 0.58 -0.42	14.79 0.61 0.00	17.43 0.71 0.00	25.94 1.04 0.00	27.35 1.10 0.00	26.51 1.08 0.00	26.81 1.04 0.00	28.22 1.10 0.00	29.51 1.23 0.00	30.99 1.32 0.00	28.98 1.25 0.00	28.97 1.15 0.00	25.08 0.94 0.00	23.22 0.92 0.00	29.16 1.09 0.00	56.90 2.30 0.00	44.21 1.69 0.00	34.06 1.17 0.00	37.42 1.36 0.00	36.74 1.32 0.00	36.86 1.33 0.00	31.80 1.21 0.00
CRICKET__VALLEY_CC1 323756	21.18 1.24 0.00	22.17 1.33 0.00	14.58 0.86 -0.37	15.10 0.91 0.00	17.76 1.04 0.00	26.39 1.49 0.00	27.75 1.51 0.00	26.92 1.48 0.00	27.21 1.43 0.00	28.69 1.57 0.00	30.01 1.74 0.00	31.42 1.75 0.00	29.39 1.67 0.00	29.47 1.65 0.00	25.65 1.50 0.00	23.60 1.30 0.00	29.76 1.69 0.00	57.92 3.32 0.00	45.02 2.50 0.00	34.75 1.86 0.00	38.08 2.01 0.00	37.36 1.94 0.00	37.40 1.87 0.00	32.26 1.66 0.00
CRICKET__VALLEY_CC2 323757	21.18 1.24 0.00	22.17 1.33 0.00	14.58 0.86 -0.37	15.10 0.91 0.00	17.76 1.04 0.00	26.39 1.49 0.00	27.75 1.51 0.00	26.92 1.48 0.00	27.21 1.43 0.00	28.69 1.57 0.00	30.01 1.74 0.00	31.42 1.75 0.00	29.39 1.67 0.00	29.47 1.65 0.00	25.65 1.50 0.00	23.60 1.30 0.00	29.76 1.69 0.00	57.92 3.32 0.00	45.02 2.50 0.00	34.75 1.86 0.00	38.08 2.01 0.00	37.36 1.94 0.00	37.40 1.87 0.00	32.26 1.66 0.00
CRICKET__VALLEY_CC3 323758	21.18 1.24 0.00	22.17 1.33 0.00	14.58 0.86 -0.37	15.10 0.91 0.00	17.76 1.04 0.00	26.39 1.49 0.00	27.75 1.51 0.00	26.92 1.48 0.00	27.21 1.43 0.00	28.69 1.57 0.00	30.01 1.74 0.00	31.42 1.75 0.00	29.39 1.67 0.00	29.47 1.65 0.00	25.65 1.50 0.00	23.60 1.30 0.00	29.76 1.69 0.00	57.92 3.32 0.00	45.02 2.50 0.00	34.75 1.86 0.00	38.08 2.01 0.00	37.36 1.94 0.00	37.40 1.87 0.00	32.26 1.66 0.00
CRUCIBLE_METL_DRP 24180	19.72 -0.22 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.18 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.80 -0.27 0.00	35.10 -0.31 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00
DAHOWA__HYDRO 323763	21.14 1.20 0.00	22.10 1.26 0.00	14.58 0.80 -0.43	15.02 0.84 0.00	17.71 0.99 0.00	26.38 1.48 0.00	27.84 1.59 0.00	27.01 1.57 0.00	27.29 1.52 0.00	28.78 1.66 0.00	30.07 1.80 0.00	31.53 1.86 0.00	29.46 1.73 0.00	29.40 1.58 0.00	25.31 1.17 0.00	23.45 1.15 0.00	29.62 1.56 0.00	57.92 3.32 0.00	44.97 2.45 0.00	34.65 1.76 0.00	38.09 2.03 0.00	37.36 1.94 0.00	37.40 1.87 0.00	32.22 1.63 0.00
DANC__LFGE 323619	19.37 -0.74 -0.17	19.95 -0.89 0.00	12.78 -0.59 -0.02	13.59 -0.60 0.00	16.07 -0.65 0.00	23.81 -1.09 0.00	25.27 -0.98 0.00	24.87 -0.77 -0.20	26.18 -0.73 -1.13	27.41 -0.97 -1.26	28.42 -1.14 -1.29	29.96 -1.04 -1.34	27.73 -1.27 -1.28	27.83 -1.27 -1.28	24.19 -1.14 -1.19	22.48 -0.96 -1.14	28.12 -1.04 -1.10	53.97 -1.86 -1.23	42.08 -1.53 -1.09	33.22 -1.08 -1.41	36.42 -1.14 -1.49	35.56 -1.20 -1.36	35.79 -1.22 -1.48	30.74 -1.22 -1.35
DANSKAMMER__1 23586	21.32 1.38 0.00	22.31 1.47 0.00	14.65 0.95 -0.35	15.18 1.00 0.00	17.86 1.14 0.00	26.55 1.65 0.00	27.98 1.74 0.00	27.15 1.71 0.00	27.45 1.67 0.00	28.96 1.85 0.00	30.27 2.00 0.00	31.71 2.04 0.00	29.62 1.90 0.00	29.74 1.92 0.00	25.85 1.72 0.00	23.80 1.50 0.00	30.01 1.94 0.00	58.42 3.82 0.00	45.49 2.97 0.00	35.19 2.30 0.00	38.55 2.49 0.00	37.73 2.31 0.00	37.76 2.23 0.00	32.54 1.95 0.00
DANSKAMMER__2 23589	21.32 1.38 0.00	22.31 1.47 0.00	14.65 0.95 -0.35	15.18 1.00 0.00	17.86 1.14 0.00	26.55 1.65 0.00	27.98 1.74 0.00	27.15 1.71 0.00	27.45 1.67 0.00	28.96 1.85 0.00	30.27 2.00 0.00	31.71 2.04 0.00	29.62 1.90 0.00	29.74 1.92 0.00	25.85 1.72 0.00	23.80 1.50 0.00	30.01 1.94 0.00	58.42 3.82 0.00	45.49 2.97 0.00	35.19 2.30 0.00	38.55 2.49 0.00	37.73 2.31 0.00	37.76 2.23 0.00	32.54 1.95 0.00
DANSKAMMER__3 23590	21.32 1.38 0.00	22.31 1.47 0.00	14.65 0.95 -0.35	15.18 1.00 0.00	17.86 1.14 0.00	26.55 1.65 0.00	27.98 1.74 0.00	27.15 1.71 0.00	27.45 1.67 0.00	28.96 1.85 0.00	30.27 2.00 0.00	31.71 2.04 0.00	29.62 1.90 0.00	29.74 1.92 0.00	25.85 1.72 0.00	23.80 1.50 0.00	30.01 1.94 0.00	58.42 3.82 0.00	45.49 2.97 0.00	35.19 2.30 0.00	38.55 2.49 0.00	37.73 2.31 0.00	37.76 2.23 0.00	32.54 1.95 0.00

DANSKAMMER___4 23591	21.32 1.38 0.00	22.31 1.47 0.00	14.65 0.95 -0.35	15.18 1.00 0.00	17.86 1.14 0.00	26.55 1.65 0.00	27.98 1.74 0.00	27.15 1.71 0.00	27.45 1.67 0.00	28.96 1.85 0.00	30.27 2.00 0.00	31.71 2.04 0.00	29.62 1.90 0.00	29.74 1.92 0.00	25.85 1.72 0.00	23.80 1.50 0.00	30.01 1.94 0.00	58.42 3.82 0.00	45.49 2.97 0.00	35.19 2.30 0.00	38.55 2.49 0.00	37.73 2.31 0.00	37.76 2.23 0.00	32.54 1.95 0.00
DANSKAMMER___DIESEL 23592	21.32 1.38 0.00	22.31 1.46 0.00	14.65 0.95 -0.35	15.18 1.00 0.00	17.86 1.14 0.00	26.55 1.65 0.00	27.98 1.74 0.00	27.15 1.71 0.00	27.45 1.67 0.00	28.96 1.85 0.00	30.27 2.00 0.00	31.71 2.04 0.00	29.62 1.90 0.00	29.74 1.92 0.00	25.86 1.72 0.00	23.80 1.50 0.00	30.01 1.94 0.00	58.43 3.83 0.00	45.50 2.98 0.00	35.19 2.31 0.00	38.56 2.49 0.00	37.73 2.31 0.00	37.76 2.23 0.00	32.55 1.95 0.00
DARBY___SOLAR 323810	21.10 1.16 0.00	22.06 1.22 0.00	14.56 0.78 -0.43	15.00 0.82 0.00	17.69 0.97 0.00	26.35 1.45 0.00	27.80 1.55 0.00	26.97 1.53 0.00	27.23 1.46 0.00	28.70 1.59 0.00	30.00 1.72 0.00	31.45 1.78 0.00	29.37 1.64 0.00	29.31 1.49 0.00	25.25 1.11 0.00	23.39 1.09 0.00	29.54 1.47 0.00	57.75 3.15 0.00	44.85 2.32 0.00	34.58 1.69 0.00	38.03 1.96 0.00	37.30 1.88 0.00	37.33 1.80 0.00	32.17 1.57 0.00
DASHVILLE___HYD 23610	21.19 1.25 0.00	22.17 1.32 0.00	14.56 0.85 -0.36	15.09 0.90 0.00	17.75 1.03 0.00	26.38 1.48 0.00	27.80 1.55 0.00	26.95 1.52 0.00	27.27 1.49 0.00	28.78 1.66 0.00	30.06 1.79 0.00	31.50 1.82 0.00	29.44 1.71 0.00	29.57 1.75 0.00	25.67 1.53 0.00	23.63 1.33 0.00	29.75 1.69 0.00	57.95 3.35 0.00	45.14 2.62 0.00	34.90 2.01 0.00	38.24 2.17 0.00	37.44 2.02 0.00	37.46 1.93 0.00	32.30 1.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.54 1.33 -16.26	22.46 1.72 0.10	13.65 1.16 0.87	14.46 1.21 0.93	18.01 1.29 0.00	26.58 1.69 0.01	28.22 1.98 0.00	27.15 1.71 0.00	27.26 1.60 0.12	26.79 1.16 1.48	-47.43 1.34 77.04	-20.88 1.21 51.76	-2.48 1.03 31.24	-24.99 1.16 53.97	-22.83 1.07 48.04	24.91 1.08 -1.53	32.25 1.42 -2.77	79.06 2.97 -21.48	107.94 2.47 -62.95	68.38 2.08 -33.40	65.77 2.35 -27.35	46.15 2.12 -8.61	37.34 1.82 0.00	32.06 1.46 0.00
DELAWARE___LFGE 323621	20.38 0.44 0.00	21.29 0.45 0.00	13.80 0.31 -0.14	14.51 0.33 0.00	17.10 0.37 0.00	25.43 0.54 0.00	26.79 0.55 0.00	26.03 0.60 0.00	26.38 0.60 0.00	27.79 0.68 0.00	28.98 0.71 0.00	30.38 0.70 0.00	28.36 0.64 0.00	28.46 0.63 0.00	24.71 0.57 0.00	22.84 0.53 0.00	28.85 0.78 0.00	56.19 1.58 0.00	43.67 1.15 0.00	33.77 0.88 0.00	37.02 0.95 0.00	36.27 0.86 0.00	36.31 0.78 0.00	31.28 0.69 0.00
DERFIELD_115KV_TB7 355931	20.02 0.08 0.00	20.92 0.08 0.00	13.41 0.05 0.00	14.24 0.05 0.00	16.79 0.06 0.00	24.97 0.07 0.00	26.33 0.09 0.00	25.56 0.12 0.00	25.87 0.09 0.00	27.23 0.11 0.00	28.42 0.14 0.00	29.82 0.15 0.00	27.85 0.12 0.00	27.90 0.08 0.00	24.21 0.07 0.00	22.36 0.06 0.00	28.29 0.11 -0.11	55.31 0.27 -0.44	43.04 0.18 -0.34	33.02 0.13 0.00	36.23 0.16 0.00	35.53 0.12 0.00	35.63 0.10 0.00	30.69 0.09 0.00
DOGLEVILLE___HYD 23807	20.28 0.34 0.00	21.21 0.36 0.00	13.56 0.20 0.00	14.40 0.22 0.00	16.98 0.25 0.00	25.20 0.30 0.00	26.49 0.25 0.00	25.81 0.37 0.00	25.94 0.17 0.00	27.46 0.34 0.00	28.92 0.64 0.00	30.06 0.38 0.00	27.97 0.24 0.00	27.72 -0.09 0.00	23.92 -0.22 0.00	22.08 -0.22 0.00	28.31 0.13 -0.11	55.69 0.64 -0.44	43.31 0.44 -0.34	33.27 0.38 0.00	36.51 0.44 0.00	35.69 0.28 0.00	35.69 0.17 0.00	30.78 0.18 0.00
DUNKIRK___115KV_TB_200 55889	18.65 -1.30 0.00	19.26 -1.58 0.00	12.31 -1.03 0.01	13.15 -1.04 0.00	15.62 -1.10 0.00	23.34 -1.56 0.00	24.54 -1.70 0.00	23.87 -1.57 0.00	23.79 -1.55 0.43	23.28 -1.40 2.44	19.46 -1.64 7.17	17.87 -1.59 10.21	16.09 -1.49 10.14	18.88 -1.50 7.44	20.26 -1.36 2.52	20.80 -1.46 0.05	23.73 -1.88 2.47	34.82 -3.81 15.97	25.36 -2.82 14.33	27.61 -1.92 3.36	34.08 -1.83 0.16	33.61 -1.81 0.00	33.57 -1.96 0.00	29.37 -1.23 0.00
DUNKIRK___1 23563	18.65 -1.30 0.00	19.26 -1.58 0.00	12.31 -1.03 0.01	13.15 -1.04 0.00	15.62 -1.10 0.00	23.34 -1.56 0.00	24.54 -1.70 0.00	23.87 -1.57 0.00	23.79 -1.55 0.43	23.28 -1.40 2.44	19.46 -1.64 7.17	17.87 -1.59 10.21	16.09 -1.49 10.14	18.88 -1.50 7.44	20.26 -1.36 2.52	20.80 -1.46 0.05	23.73 -1.88 2.47	34.82 -3.81 15.97	25.36 -2.82 14.33	27.61 -1.92 3.36	34.08 -1.83 0.16	33.61 -1.81 0.00	33.57 -1.96 0.00	29.37 -1.23 0.00
DUNKIRK___2 23564	18.65 -1.30 0.00	19.26 -1.58 0.00	12.31 -1.03 0.01	13.15 -1.04 0.00	15.62 -1.10 0.00	23.34 -1.56 0.00	24.54 -1.70 0.00	23.87 -1.57 0.00	23.79 -1.55 0.43	23.28 -1.40 2.44	19.46 -1.64 7.17	17.87 -1.59 10.21	16.09 -1.49 10.14	18.88 -1.50 7.44	20.26 -1.36 2.52	20.80 -1.46 0.05	23.73 -1.88 2.47	34.82 -3.81 15.97	25.36 -2.82 14.33	27.61 -1.92 3.36	34.08 -1.83 0.16	33.61 -1.81 0.00	33.57 -1.96 0.00	29.37 -1.23 0.00
DUNKIRK___3 23565	18.64 -1.30 0.00	19.29 -1.55 0.00	12.33 -1.00 0.02	13.16 -1.02 0.00	15.61 -1.11 0.00	23.29 -1.61 0.00	24.51 -1.74 0.00	23.89 -1.55 0.00	23.98 -1.52 0.27	23.10 -1.42 2.60	18.99 -1.65 7.63	17.37 -1.59 10.71	15.47 -1.46 10.80	18.42 -1.47 7.92	20.10 -1.35 2.68	20.81 -1.44 0.05	23.57 -1.87 2.63	33.80 -3.80 17.00	24.45 -2.81 15.26	27.31 -2.00 3.58	33.87 -2.03 0.17	33.45 -1.97 0.00	33.48 -2.05 0.00	29.18 -1.42 0.00
DUNKIRK___4 23566	18.64 -1.30 0.00	19.29 -1.55 0.00	12.33 -1.00 0.02	13.16 -1.02 0.00	15.61 -1.11 0.00	23.29 -1.61 0.00	24.51 -1.74 0.00	23.89 -1.55 0.00	23.98 -1.52 0.27	23.10 -1.42 2.60	18.99 -1.65 7.63	17.37 -1.59 10.71	15.47 -1.46 10.80	18.42 -1.47 7.92	20.10 -1.35 2.68	20.81 -1.44 0.05	23.57 -1.87 2.63	33.80 -3.80 17.00	24.45 -2.81 15.26	27.31 -2.00 3.58	33.87 -2.03 0.17	33.45 -1.97 0.00	33.48 -2.05 0.00	29.18 -1.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.21 1.49 -6.78	22.77 1.60 -0.33	14.75 1.04 -0.35	15.28 1.10 0.00	18.08 1.25 -0.11	26.71 1.81 0.00	28.15 1.90 0.00	27.29 1.85 0.00	27.58 1.80 0.00	29.09 1.97 0.00	30.41 2.14 0.00	31.84 2.18 0.00	29.80 2.07 0.00	29.92 2.10 0.00	26.04 1.89 0.00	23.97 1.66 0.00	30.14 2.07 0.00	58.55 3.95 0.00	45.64 3.11 0.00	35.32 2.43 0.00	38.67 2.61 0.00	37.85 2.44 0.00	37.89 2.37 0.00	32.70 2.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.62 1.22 0.54	22.11 1.29 0.03	14.53 0.84 -0.34	15.06 0.88 0.00	17.72 1.00 0.01	26.35 1.45 0.00	27.76 1.52 0.00	26.93 1.50 0.00	27.23 1.45 0.00	28.74 1.62 0.00	30.03 1.75 0.00	31.44 1.77 0.00	29.40 1.67 0.00	29.52 1.70 0.00	25.65 1.51 0.00	23.60 1.29 0.00	29.70 1.64 0.00	57.84 3.24 0.00	45.08 2.56 0.00	34.87 1.98 0.00	38.20 2.13 0.00	37.37 1.96 0.00	37.41 1.88 0.00	32.25 1.65 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	58.34 1.66 -36.74	42.66 1.70 -20.12	40.21 1.09 -25.76	34.68 1.16 -19.33	24.28 1.33 -6.22	27.41 2.02 -0.49	28.38 2.14 0.00	27.53 2.09 -0.01	29.83 2.00 -2.06	31.24 2.18 -1.94	30.73 2.41 -0.04	32.16 2.48 0.00	30.06 2.33 0.00	30.08 2.26 0.00	26.22 2.08 0.00	24.15 1.84 -0.01	30.34 2.27 0.00	58.92 4.31 0.00	46.05 3.52 0.00	35.62 2.72 -0.01	39.02 2.95 0.00	38.15 2.73 -0.01	38.15 2.62 0.00	32.93 2.33 0.00
E179THST_13_KV_LOAD 356214	58.41 1.74 -36.74	42.74 1.77 -20.12	40.26 1.14 -25.76	34.72 1.21 -19.33	24.33 1.39 -6.22	27.49 2.10 -0.49	28.47 2.23 0.00	27.62 2.18 -0.01	29.94 2.10 -2.06	31.35 2.29 -1.94	30.85 2.53 -0.04	32.28 2.61 0.00	30.18 2.45 0.00	30.21 2.39 0.00	26.33 2.19 0.00	24.25 1.94 -0.01	30.47 2.40 0.00	59.19 4.58 0.00	46.25 3.72 0.00	35.76 2.87 -0.01	39.19 3.12 0.00	38.32 2.90 -0.01	38.31 2.78 0.00	33.06 2.46 0.00
EAST HAMPTON___GT 23717	37.10 0.90 -16.26	22.01 1.27 0.10	13.36 0.88 0.87	14.16 0.91 0.93	17.64 0.93 0.00	26.03 1.15 0.01	27.71 1.46 0.00	26.64 1.21 0.00	26.76 1.11 0.12	26.25 0.64 1.50	-48.47 0.97 77.71	-21.89 0.64 52.20	-3.30 0.49 31.51	-25.94 0.67 54.43	-23.71 0.63 48.49	24.48 0.66 -1.53	31.73 0.90 -2.77	78.08 1.99 -21.48	107.18 1.71 -62.95	67.82 1.52 -33.41	65.17 1.75 -27.35	45.56 1.53 -8.62	36.71 1.18 0.00	31.50 0.90 0.00
EAST RIVER___6 23660	48.16 1.68 -26.54	38.99 1.80 -16.34	35.81 1.18 -21.28	31.34 1.23 -15.92	23.18 1.41 -5.05	27.15 2.03 -0.22	28.38 2.14 0.00	27.50 2.06 0.00	29.46 2.05 -1.63	30.90 2.25 -1.54	30.70 2.40 -0.04	32.12 2.45 0.00	30.04 2.32 0.00	30.15 2.33 0.00	26.26 2.12 0.00	24.18 1.88 0.00	30.40 2.33 0.00	58.97 4.37 0.00	45.98 3.46 0.00	35.62 2.73 0.00	38.99 2.92 0.00	38.14 2.72 0.00	38.17 2.64 0.00	32.95 2.35 0.00
EAST RIVER___7 23524	48.16 1.68 -26.54	38.99 1.80 -16.34	35.81 1.18 -21.28	31.34 1.23 -15.92	23.18 1.41 -5.05	27.15 2.03 -0.22	28.38 2.14 0.00	27.50 2.06 0.00	29.46 2.05 -1.63	30.90 2.25 -1.54	30.70 2.40 -0.04	32.12 2.45 0.00	30.04 2.32 0.00	30.15 2.33 0.00	26.26 2.12 0.00	24.18 1.88 0.00	30.40 2.33 0.00	58.97 4.37 0.00	45.98 3.46 0.00	35.62 2.73 0.00	38.99 2.92 0.00	38.14 2.72 0.00	38.17 2.64 0.00	32.95 2.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	12.50 1.41 8.85	22.41 1.51 -0.05	15.36 0.98 -1.02	15.73 1.04 -0.51	17.91 1.18 0.00	26.62 1.71 -0.01	28.04 1.80 0.00	27.19 1.75 0.00	27.54 1.70 -0.06	29.04 1.87 -0.06	30.30 2.03 0.00	31.74 2.07 0.00	29.69 1.97 0.00	29.83 2.01 0.00	25.95 1.80 0.00	23.88 1.58 0.00	30.04 1.98 0.00	58.37 3.77 0.00	45.50 2.97 0.00	35.21 2.32 0.00	38.56 2.49 0.00	37.73 2.32 0.00	37.78 2.25 0.00	32.59 1.99 0.00
EAST_HAMPTON___DIESEL 23722	37.03 0.83 -16.26	21.95 1.21 0.10	13.32 0.83 0.87	14.11 0.86 0.93	17.59 0.87 0.00	25.95 1.06 0.01	27.62 1.37 0.00	26.56 1.12 0.00	26.67 1.02 0.12	26.16 0.55 1.50	-48.51 0.89 77.68	-21.96 0.55 52.18	-3.38 0.39 31.50	-26.00 0.59 54.41	-23.77 0.55 48.46	24.41 0.58 -1.53	31.65 0.81 -2.77	77.90 1.82 -21.48	107.05 1.58 -62.95	67.72 1.42 -33.41	65.06 1.64 -27.35	45.44 1.41 -8.62	36.60 1.07 0.00	31.40 0.80 0.00
EAST_POINT___SOLAR 323840	20.97 1.03 0.00	21.88 1.04 0.00	14.49 0.66 -0.47	14.87 0.69 0.00	17.54 0.82 0.00	26.09 1.19 0.00	27.57 1.32 0.00	26.75 1.31 0.00	26.89 1.12 0.00	28.51 1.39 0.00	29.80 1.52 0.00	30.94 1.27 0.00	28.45 0.72 0.00	28.05 0.23 0.00	24.50 0.36 0.00	22.30 -0.01 0.00	28.67 0.61 0.00	56.44 1.84 0.00	44.49 1.97 0.00	34.73 1.84 0.00	38.09 2.03 0.00	37.33 1.91 0.00	37.35 1.82 0.00	32.03 1.44 0.00
EAST_PULASKI___ESR 323781	19.38 -0.56 0.00	20.20 -0.65 0.00	12.95 -0.43 -0.02	13.75 -0.44 0.00	16.22 -0.50 0.00	24.07 -0.83 0.00	25.43 -0.81 0.00	24.77 -0.67 0.00	25.15 -0.63 0.00	26.40 -0.72 0.00	27.48 -0.80 0.00	28.89 -0.78 0.00	26.84 -0.88 0.00	26.94 -0.88 0.00	23.35 -0.79 0.00	21.64 -0.66 0.00	27.26 -0.74 0.07	52.95 -1.38 0.28	41.21 -1.09 0.22	32.07 -0.82 0.00	35.19 -0.88 0.00	34.48 -0.93 0.00	34.59 -0.94 0.00	29.70 -0.89 0.00
EAST_RIVER___1 323558	40.47 1.64 -18.88	38.21 1.77 -15.59	35.28 1.16 -20.76	30.93 1.21 -15.53	22.91 1.38 -4.81	27.08 1.97 -0.21	28.33 2.09 0.00	27.48 2.04 0.00	29.38 2.01 -1.59	30.82 2.20 -1.51	30.66 2.35 -0.03	32.07 2.40 0.00	30.01 2.28 0.00	30.11 2.30 0.00	26.21 2.07 0.00	24.13 1.83 0.00	30.34 2.27 0.00	58.86 4.26 0.00	45.90 3.37 0.00	35.56 2.67 0.00	38.91 2.85 0.00	38.07 2.66 0.00	38.11 2.58 0.00	32.89 2.29 0.00
EAST_RIVER___2 323559	48.16 1.68 -26.54	38.99 1.80 -16.34	35.81 1.18 -21.28	31.34 1.23 -15.92	23.18 1.41 -5.05	27.15 2.03 -0.22	28.38 2.14 0.00	27.50 2.06 0.00	29.46 2.05 -1.63	30.90 2.25 -1.54	30.70 2.40 -0.04	32.12 2.45 0.00	30.04 2.32 0.00	30.15 2.33 0.00	26.26 2.12 0.00	24.18 1.88 0.00	30.40 2.33 0.00	58.97 4.37 0.00	45.98 3.46 0.00	35.62 2.73 0.00	38.99 2.92 0.00	38.14 2.72 0.00	38.17 2.64 0.00	32.95 2.35 0.00
EAST___DELAWARE_HYD 23607	21.02 1.08 0.00	21.97 1.13 0.00	14.40 0.73 -0.31	14.96 0.78 0.00	17.61 0.88 0.00	26.18 1.28 0.00	27.58 1.34 0.00	26.76 1.32 0.00	27.07 1.29 0.00	28.57 1.45 0.00	29.82 1.55 0.00	31.18 1.51 0.00	29.07 1.34 0.00	29.17 1.35 0.00	25.36 1.22 0.00	23.40 1.10 0.00	29.70 1.63 0.00	57.79 3.19 0.00	45.07 2.55 0.00	34.89 2.00 0.00	38.20 2.14 0.00	37.39 1.98 0.00	37.39 1.86 0.00	32.25 1.65 0.00
EIGHT_POINT___WT_PWR 323820	18.32 -1.62 0.00	19.00 -1.85 0.00	12.43 -1.27 -0.34	12.86 -1.32 0.00	15.30 -1.42 0.00	22.84 -2.06 0.00	24.06 -2.19 0.00	23.64 -1.80 0.00	23.88 -2.00 -0.10	34.21 -2.29 -9.38	53.30 -2.57 -27.60	64.81 -2.58 -37.72	64.41 -2.17 -38.85	53.98 -2.47 -28.63	31.36 -2.48 -9.71	20.51 -1.98 -0.18	34.72 -2.84 -9.49	110.81 -5.26 -61.46	93.82 -3.88 -55.18	42.77 -3.07 -12.95	33.43 -3.24 -0.61	32.15 -3.26 0.00	32.64 -2.89 0.00	28.27 -2.33 0.00
ELBRIDGE_115KV_TB2 80188	19.64 -0.30 0.00	20.50 -0.34 0.00	13.18 -0.21 -0.04	13.96 -0.22 0.00	16.44 -0.28 0.00	24.47 -0.43 0.00	25.80 -0.44 0.00	25.09 -0.34 0.00	25.47 -0.31 0.00	26.78 -0.34 0.00	27.90 -0.38 0.00	29.22 -0.45 0.00	27.32 -0.40 0.00	27.46 -0.36 0.00	23.73 -0.42 0.00	21.97 -0.34 0.00	27.67 -0.39 0.00	53.86 -0.74 0.00	42.03 -0.49 0.00	32.51 -0.38 0.00	35.63 -0.44 0.00	34.93 -0.49 0.00	34.99 -0.54 0.00	30.09 -0.51 0.00
ELEC_TRO_TEK 24086	37.70 1.49 -16.26	22.46 1.73 0.10	13.65 1.17 0.87	14.48 1.23 0.93	18.04 1.32 0.00	26.68 1.79 0.01	28.23 1.99 0.00	27.21 1.77 0.00	27.45 1.79 0.12	31.40 1.90 -2.38	32.47 2.04 -2.16	33.87 2.13 -2.07	29.66 1.93 -0.01	29.79 1.97 0.00	35.58 1.79 -9.65	26.58 1.55 -2.72	34.94 1.92 -4.95	98.70 3.64 -40.46	170.58 2.86 -125.20	101.47 2.25 -66.32	110.77 2.42 -72.28	79.06 2.19 -41.46	37.65 2.11 -0.01	32.45 1.86 0.00

ELLENBURG_WT_PWR 323604	12.95 -0.67 6.32	20.20 -0.64 0.00	12.94 -0.41 0.00	13.76 -0.43 0.00	16.28 -0.45 0.00	24.47 -0.43 0.00	25.96 -0.29 0.00	17.12 -0.75 7.57	-17.24 -0.98 42.04	-21.01 -1.08 47.04	-21.03 -1.17 48.14	-21.28 -1.28 49.68	-21.04 -1.24 47.53	-21.02 -1.14 47.70	-21.01 -0.92 44.23	-21.02 -0.89 42.43	-21.03 -1.23 47.87	-21.01 -2.47 73.13	-21.01 -1.89 61.64	-21.04 -1.40 52.53	-21.03 -1.52 55.58	-16.50 -1.33 50.58	-21.07 -1.24 55.36	-21.08 -1.14 50.54
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.25 -1.69 0.00	18.99 -1.86 0.00	12.14 -1.18 0.04	12.94 -1.24 0.00	15.29 -1.43 0.00	22.69 -2.21 0.00	23.92 -2.32 0.00	23.48 -1.96 0.00	23.99 -1.79 0.00	22.08 -1.96 3.07	17.00 -2.23 9.04	15.18 -2.09 12.39	13.07 -1.87 12.79	16.61 -1.83 9.38	19.26 -1.69 3.18	20.60 -1.65 0.06	22.66 -2.30 3.11	29.72 -4.73 20.14	21.02 -3.42 18.09	25.99 -2.66 4.24	32.80 -3.07 0.20	32.60 -2.82 0.00	32.87 -2.66 0.00	28.28 -2.32 0.00
EMPIRE_CC_1 323656	20.83 0.89 0.00	21.79 0.94 0.00	14.38 0.62 -0.40	14.83 0.65 0.00	17.47 0.75 0.00	25.98 1.08 0.00	27.37 1.13 0.00	26.53 1.09 0.00	26.84 1.06 0.00	28.23 1.12 0.00	29.52 1.24 0.00	30.99 1.32 0.00	28.99 1.27 0.00	29.02 1.20 0.00	25.17 1.03 0.00	23.29 0.99 0.00	29.22 1.15 0.00	56.95 2.35 0.00	44.24 1.71 0.00	34.08 1.19 0.00	37.42 1.35 0.00	36.75 1.33 0.00	36.90 1.37 0.00	31.86 1.27 0.00
EMPIRE_CC_2 323658	20.83 0.89 0.00	21.79 0.94 0.00	14.38 0.62 -0.40	14.83 0.65 0.00	17.47 0.75 0.00	25.98 1.08 0.00	27.37 1.13 0.00	26.53 1.09 0.00	26.84 1.06 0.00	28.23 1.12 0.00	29.52 1.24 0.00	30.99 1.32 0.00	28.99 1.27 0.00	29.02 1.20 0.00	25.17 1.03 0.00	23.29 0.99 0.00	29.22 1.15 0.00	56.95 2.35 0.00	44.24 1.71 0.00	34.08 1.19 0.00	37.42 1.35 0.00	36.75 1.33 0.00	36.90 1.37 0.00	31.86 1.27 0.00
ENORWICH_115KV_TB1 80156	19.90 -0.04 0.00	20.81 -0.03 0.00	13.50 0.03 -0.12	14.31 0.13 0.00	16.92 0.20 0.00	25.25 0.35 0.00	26.58 0.34 0.00	25.91 0.47 0.00	26.42 0.65 0.00	28.09 0.47 -0.50	30.27 0.52 -1.47	32.00 0.32 -2.01	29.86 0.06 -2.07	29.53 0.18 -1.53	24.78 0.13 -0.52	22.49 0.18 -0.01	29.48 0.90 -0.51	60.03 2.15 -3.27	46.53 1.06 -2.94	34.07 0.49 -0.69	36.79 0.68 -0.03	36.05 0.63 0.00	35.88 0.35 0.00	30.88 0.28 0.00
ERIE_ST_34_KV_TB1-2 80199	18.60 -1.35 0.00	19.34 -1.51 0.00	12.37 -0.96 0.02	13.17 -1.01 0.00	15.57 -1.16 0.00	23.11 -1.79 0.00	24.36 -1.89 0.00	23.92 -1.52 0.00	24.40 -1.38 0.00	23.07 -1.46 2.59	19.02 -1.64 7.61	17.66 -1.57 10.44	15.61 -1.35 10.77	18.61 -1.31 7.90	20.20 -1.26 2.68	20.97 -1.28 0.05	23.69 -1.76 2.62	34.06 -3.58 16.96	24.71 -2.59 15.22	27.25 -2.07 3.57	33.48 -2.42 0.17	33.18 -2.24 0.00	33.42 -2.11 0.00	28.74 -1.86 0.00
ERIE_WT_PWR 323693	18.35 -1.59 0.00	19.06 -1.78 0.00	12.18 -1.15 0.03	13.00 -1.19 0.00	15.35 -1.37 0.00	22.76 -2.13 0.00	24.00 -2.24 0.00	23.59 -1.85 0.00	24.09 -1.69 0.00	22.34 -1.83 2.94	17.53 -2.08 8.66	15.87 -1.93 11.87	13.74 -1.74 12.25	17.10 -1.73 8.99	19.48 -1.61 3.05	20.67 -1.58 0.05	22.93 -2.16 2.98	30.89 -4.42 19.29	22.01 -3.19 17.32	26.30 -2.53 4.06	32.97 -2.90 0.19	32.77 -2.65 0.00	33.05 -2.48 0.00	28.46 -2.13 0.00
ESPRGFLD_115KV_TB1 80157	20.48 0.53 0.00	21.36 0.52 0.00	13.70 0.33 -0.01	14.54 0.36 0.00	17.15 0.43 0.00	25.53 0.63 0.00	26.95 0.71 0.00	26.21 0.77 0.00	26.60 0.82 0.00	28.01 0.90 0.00	29.14 0.87 0.00	30.50 0.83 0.00	28.38 0.66 0.00	28.43 0.61 0.00	24.64 0.49 0.00	22.73 0.43 0.00	28.73 0.66 0.00	56.25 1.65 0.00	43.71 1.19 0.00	33.91 1.02 0.00	37.17 1.10 0.00	36.45 1.04 0.00	36.46 0.93 0.00	31.31 0.72 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.97 0.03 0.00	20.85 0.00 0.00	13.46 0.01 -0.10	14.20 0.02 0.00	16.75 0.03 0.00	24.93 0.03 0.00	26.27 0.02 0.00	25.57 0.13 0.00	25.97 0.20 0.00	28.13 0.20 -0.82	30.81 0.12 -2.42	33.02 0.04 -3.31	31.16 0.02 -3.41	30.46 0.13 -2.51	24.82 -0.17 -0.85	22.29 -0.03 -0.01	29.08 0.18 -0.83	60.37 0.39 -5.38	47.76 0.40 -4.83	34.30 0.28 -1.13	36.42 0.30 -0.05	35.61 0.20 0.00	35.63 0.10 0.00	30.68 0.08 0.00
ETNA____115KV_TB2 80207	19.97 0.03 0.00	20.85 0.00 0.00	13.46 0.01 -0.10	14.20 0.02 0.00	16.75 0.03 0.00	24.93 0.03 0.00	26.27 0.02 0.00	25.57 0.13 0.00	25.97 0.20 0.00	28.13 0.20 -0.82	30.81 0.12 -2.42	33.02 0.04 -3.31	31.16 0.02 -3.41	30.46 0.13 -2.51	24.82 -0.17 -0.85	22.29 -0.03 -0.01	29.08 0.18 -0.83	60.37 0.39 -5.38	47.76 0.40 -4.83	34.30 0.28 -1.13	36.42 0.30 -0.05	35.61 0.20 0.00	35.63 0.10 0.00	30.68 0.08 0.00
EUCLID____115KV_TB2 356179	19.54 -0.41 0.00	20.39 -0.45 0.00	13.10 -0.28 -0.03	13.88 -0.30 0.00	16.37 -0.35 0.00	24.34 -0.56 0.00	25.65 -0.59 0.00	24.95 -0.48 0.00	25.32 -0.46 0.00	26.65 -0.47 0.00	27.75 -0.53 0.00	29.12 -0.56 0.00	27.22 -0.50 0.00	27.32 -0.50 0.00	23.67 -0.48 0.00	21.90 -0.41 0.00	27.57 -0.50 0.00	53.64 -0.96 0.00	41.79 -0.74 0.00	32.32 -0.57 0.00	35.42 -0.65 0.00	34.74 -0.68 0.00	34.81 -0.72 0.00	29.96 -0.64 0.00
E_CANADA_CAP_HY 24051	20.71 0.77 0.00	21.61 0.77 0.00	14.33 0.48 -0.49	14.69 0.51 0.00	17.33 0.61 0.00	25.75 0.85 0.00	27.20 0.96 0.00	26.42 0.98 0.00	26.75 0.98 0.00	28.17 1.05 0.00	29.41 1.13 0.00	30.72 1.05 0.00	28.50 0.77 0.00	28.39 0.57 0.00	24.57 0.43 0.00	22.64 0.34 0.00	28.59 0.52 0.00	56.26 1.66 0.00	43.89 1.36 0.00	34.14 1.25 0.00	37.43 1.37 0.00	36.75 1.34 0.00	36.79 1.26 0.00	31.57 0.97 0.00
E_CANADA_MHWK_HY 24050	20.28 0.34 0.00	21.21 0.36 0.00	13.56 0.20 0.00	14.40 0.22 0.00	16.98 0.25 0.00	25.20 0.30 0.00	26.49 0.25 0.00	25.81 0.37 0.00	25.94 0.17 0.00	27.46 0.34 0.00	28.92 0.64 0.00	30.06 0.38 0.00	27.97 0.24 0.00	27.72 -0.09 0.00	23.92 -0.22 0.00	22.08 -0.22 0.00	28.31 0.13 -0.11	55.69 0.64 -0.44	43.31 0.44 -0.34	33.27 0.38 0.00	36.51 0.44 0.00	35.69 0.28 0.00	35.69 0.17 0.00	30.78 0.18 0.00
E_FISHKILL____LBMP 23776	23.75 1.24 -2.56	22.30 1.33 -0.13	14.58 0.87 -0.36	15.10 0.91 0.00	17.81 1.04 -0.04	26.40 1.50 0.00	27.80 1.56 0.00	26.96 1.53 0.00	27.25 1.47 0.00	28.74 1.62 0.00	30.05 1.78 0.00	31.48 1.81 0.00	29.45 1.72 0.00	29.56 1.74 0.00	25.71 1.56 0.00	23.67 1.36 0.00	29.78 1.71 0.00	57.91 3.31 0.00	45.11 2.59 0.00	34.87 1.98 0.00	38.20 2.13 0.00	37.41 1.99 0.00	37.46 1.93 0.00	32.32 1.72 0.00
FALCON____SEABRD_CC1 323796	13.04 -0.52 6.38	20.35 -0.49 0.00	13.06 -0.29 0.00	13.87 -0.31 0.00	16.40 -0.33 0.00	24.65 -0.25 0.00	26.16 -0.09 0.00	17.30 -0.49 7.64	-17.40 -0.74 42.44	-21.25 -0.87 47.50	-21.25 -0.92 48.61	-21.53 -1.04 50.16	-21.24 -0.97 48.00	-21.23 -0.88 48.17	-21.18 -0.66 44.66	-21.20 -0.66 42.84	-21.21 -0.97 48.31	-21.21 -2.04 73.78	-21.24 -1.57 62.19	-21.29 -1.14 53.04	-21.24 -1.19 56.12	-16.65 -1.00 51.07	-21.30 -0.94 55.90	-21.29 -0.86 51.03

FALCON___SEABRD_CC2 323797	13.04 -0.52 6.38	20.35 -0.49 0.00	13.06 -0.29 0.00	13.87 -0.31 0.00	16.40 -0.33 0.00	24.65 -0.25 0.00	26.16 -0.09 0.00	17.30 -0.49 7.64	-17.40 -0.74 42.44	-21.25 -0.87 47.50	-21.25 -0.92 48.61	-21.53 -1.04 50.16	-21.24 -0.97 48.00	-21.23 -0.88 48.17	-21.18 -0.66 44.66	-21.20 -0.66 42.84	-21.21 -0.97 48.31	-21.21 -2.04 73.78	-21.24 -1.57 62.19	-21.29 -1.14 53.04	-21.24 -1.19 56.12	-16.65 -1.00 51.07	-21.30 -0.94 55.90	-21.29 -0.86 51.03
FAR ROCKAWAY___4 23548	37.92 1.71 -16.26	22.70 1.96 0.10	13.80 1.32 0.87	14.64 1.39 0.93	18.22 1.50 0.00	26.94 2.05 0.01	28.49 2.25 0.00	27.45 2.01 0.00	27.67 2.02 0.12	31.49 2.17 -2.21	32.60 2.32 -2.00	36.11 2.42 -4.02	29.94 2.19 -0.02	30.05 2.23 0.00	38.79 2.04 -12.60	26.62 1.78 -2.53	34.88 2.21 -4.60	97.74 4.19 -38.94	172.28 3.31 -126.45	102.92 2.60 -67.43	135.39 2.81 -96.52	112.05 2.56 -74.07	38.07 2.50 -0.04	32.76 2.16 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	58.44 1.65 -36.85	39.97 1.78 -17.35	36.47 1.15 -21.97	31.85 1.21 -16.45	23.48 1.38 -5.37	27.11 1.99 -0.23	28.35 2.10 0.00	27.49 2.05 0.00	29.49 2.02 -1.69	30.91 2.20 -1.59	30.67 2.36 -0.04	32.08 2.41 0.00	30.02 2.30 0.00	30.12 2.31 0.00	26.22 2.08 0.00	24.14 1.84 0.00	30.35 2.28 0.00	58.88 4.28 0.00	45.91 3.38 0.00	35.56 2.67 0.00	38.93 2.86 0.00	38.08 2.66 0.00	38.12 2.59 0.00	32.90 2.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	58.44 1.65 -36.85	39.97 1.78 -17.35	36.48 1.16 -21.97	31.85 1.22 -16.45	23.48 1.39 -5.37	27.11 1.99 -0.23	28.35 2.11 0.00	27.49 2.05 0.00	29.49 2.02 -1.69	30.91 2.21 -1.59	30.67 2.36 -0.04	32.08 2.41 0.00	30.02 2.30 0.00	30.13 2.31 0.00	26.22 2.08 0.00	24.15 1.84 0.00	30.35 2.28 0.00	58.88 4.28 0.00	45.93 3.40 0.00	35.57 2.68 0.00	38.93 2.86 0.00	38.09 2.67 0.00	38.13 2.60 0.00	32.90 2.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	58.42 1.63 -36.85	39.95 1.76 -17.35	36.47 1.15 -21.97	31.84 1.21 -16.45	23.47 1.38 -5.37	27.10 1.97 -0.23	28.33 2.09 0.00	27.48 2.03 0.00	29.47 2.01 -1.69	30.90 2.19 -1.59	30.66 2.34 -0.04	32.07 2.40 0.00	30.01 2.28 0.00	30.11 2.29 0.00	26.21 2.07 0.00	24.12 1.82 0.00	30.33 2.26 0.00	58.85 4.25 0.00	45.89 3.36 0.00	35.54 2.66 0.00	38.90 2.83 0.00	38.06 2.64 0.00	38.10 2.57 0.00	32.88 2.29 0.00
FARRAGUT___LBMP 323566	58.41 1.62 -36.85	39.94 1.75 -17.35	36.46 1.14 -21.97	31.83 1.20 -16.45	23.46 1.37 -5.37	27.09 1.96 -0.23	28.31 2.07 0.00	27.46 2.03 0.00	29.45 1.99 -1.69	30.87 2.16 -1.59	30.63 2.32 -0.04	32.05 2.37 0.00	29.99 2.26 0.00	30.09 2.27 0.00	26.19 2.05 0.00	24.11 1.81 0.00	30.31 2.24 0.00	58.80 4.20 0.00	45.85 3.33 0.00	35.52 2.63 0.00	38.88 2.81 0.00	38.03 2.62 0.00	38.08 2.55 0.00	32.86 2.27 0.00
FENNER___WINDPWR 24204	19.99 0.04 0.00	20.85 0.01 0.00	13.40 0.01 -0.04	14.20 0.01 0.00	16.77 0.05 0.00	24.96 0.07 0.00	26.33 0.09 0.00	25.63 0.19 0.00	25.96 0.18 0.00	27.30 0.18 0.00	28.45 0.17 0.00	29.85 0.18 0.00	27.81 0.08 0.00	27.90 0.08 0.00	24.21 0.07 0.00	22.33 0.02 0.00	28.28 0.21 0.00	55.14 0.54 0.00	42.92 0.40 0.00	33.19 0.30 0.00	36.39 0.32 0.00	35.63 0.22 0.00	35.67 0.14 0.00	30.64 0.04 0.00
FIBERTEK___ENERGY 23856	19.72 -0.22 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.18 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.80 -0.27 0.00	35.10 -0.31 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00
FITZPATRICK____ 23598	19.29 -0.65 0.00	20.14 -0.70 0.00	12.93 -0.44 -0.02	13.71 -0.47 0.00	16.17 -0.56 0.00	24.05 -0.85 0.00	25.35 -0.89 0.00	24.63 -0.81 0.00	24.98 -0.79 0.00	26.29 -0.83 0.00	27.37 -0.90 0.00	28.74 -0.93 0.00	26.87 -0.86 0.00	26.95 -0.87 0.00	23.36 -0.79 0.00	21.60 -0.71 0.00	27.18 -0.89 0.00	52.86 -1.74 0.00	41.19 -1.33 0.00	31.86 -1.03 0.00	34.92 -1.15 0.00	34.27 -1.15 0.00	34.37 -1.16 0.00	29.58 -1.01 0.00
FLOWRFLD_69_KV_BK1 356044	37.85 1.65 -16.26	22.72 1.98 0.10	13.81 1.33 0.87	14.65 1.40 0.93	18.23 1.51 0.00	26.89 2.01 0.01	28.50 2.25 0.00	27.42 1.98 0.00	27.59 1.93 0.12	30.65 1.75 -1.79	45.35 1.89 -15.19	41.20 1.97 -9.56	35.00 1.70 -5.58	39.23 1.78 -9.64	38.93 1.64 -13.16	25.33 1.49 -1.53	32.74 1.89 -2.79	80.02 3.80 -21.61	108.93 3.02 -63.38	68.93 2.40 -33.63	66.40 2.66 -27.66	46.74 2.48 -8.84	37.86 2.33 0.00	32.57 1.97 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.96 1.42 -0.60	22.38 1.50 -0.03	14.68 0.97 -0.35	15.21 1.03 0.00	17.90 1.17 -0.01	26.60 1.70 0.00	28.03 1.79 0.00	27.20 1.76 0.00	27.50 1.73 0.00	29.02 1.91 0.00	30.33 2.06 0.00	31.78 2.11 0.00	29.68 1.95 0.00	29.80 1.98 0.00	25.91 1.77 0.00	23.85 1.55 0.00	30.09 2.02 0.00	58.56 3.96 0.00	45.60 3.08 0.00	35.28 2.39 0.00	38.64 2.57 0.00	37.81 2.40 0.00	37.83 2.30 0.00	32.61 2.01 0.00
FORT ORANGE____ 23900	20.64 0.70 0.00	21.58 0.74 0.00	14.26 0.49 -0.42	14.69 0.51 0.00	17.31 0.59 0.00	25.73 0.83 0.00	27.12 0.88 0.00	26.31 0.87 0.00	26.62 0.84 0.00	27.88 0.77 0.00	29.31 1.03 0.00	30.75 1.08 0.00	28.72 0.99 0.00	28.73 0.91 0.00	24.90 0.75 0.00	23.03 0.73 0.00	28.89 0.82 0.00	56.34 1.74 0.00	43.96 1.44 0.00	33.93 1.04 0.00	37.20 1.13 0.00	36.45 1.04 0.00	36.60 1.07 0.00	31.57 0.97 0.00
FORT_DRUM_COGEN 23780	19.58 -0.64 -0.28	20.00 -0.85 0.00	12.80 -0.57 -0.02	13.62 -0.57 0.00	16.14 -0.58 0.00	23.92 -0.98 0.00	25.47 -0.77 0.00	25.23 -0.54 -0.34	27.18 -0.49 -1.90	28.42 -0.81 -2.12	29.37 -1.07 -2.17	31.05 -0.86 -2.24	28.58 -1.29 -2.14	28.71 -1.26 -2.15	24.97 -1.17 -1.99	23.27 -0.94 -1.91	28.98 -0.92 -1.83	55.11 -1.51 -2.02	43.00 -1.32 -1.79	34.41 -0.85 -2.37	37.74 -0.84 -2.51	36.74 -0.95 -2.27	37.03 -0.99 -2.49	31.76 -1.10 -2.27
FOX_HILLS___ESR 323835	57.35 1.63 -35.78	42.65 1.72 -20.08	41.87 1.12 -27.38	41.85 1.19 -26.48	41.46 1.38 -23.36	41.84 2.15 -14.79	41.85 2.29 -13.32	41.85 2.25 -14.16	42.30 2.09 -14.43	42.36 2.30 -12.94	42.27 2.54 -11.45	41.27 2.61 -8.99	41.24 2.48 -11.04	41.21 2.45 -10.94	44.78 2.24 -18.40	41.28 1.99 -16.98	41.34 2.42 -10.85	56.98 4.31 1.93	46.10 3.58 0.00	42.51 2.91 -6.71	51.61 3.10 -12.44	46.13 2.92 -7.80	44.33 2.78 -6.02	43.15 2.55 -10.00
FPL FAR_ROCK_GT1 24212	37.91 1.71 -16.26	22.69 1.95 0.10	13.80 1.32 0.87	14.64 1.39 0.93	18.22 1.50 0.00	26.94 2.05 0.01	28.49 2.25 0.00	27.45 2.01 0.00	27.67 2.01 0.12	31.48 2.16 -2.21	32.60 2.32 -2.00	36.11 2.42 -4.02	29.94 2.19 -0.02	30.05 2.23 0.00	38.79 2.04 -12.60	26.62 1.78 -2.53	34.88 2.21 -4.60	97.73 4.19 -38.94	172.23 3.25 -126.45	102.90 2.59 -67.43	135.38 2.79 -96.52	112.05 2.56 -74.07	38.07 2.50 -0.04	32.76 2.16 0.00

FPL FAR_ROCK_GT2 23815	37.91 1.71 -16.26	22.69 1.95 0.10	13.80 1.32 0.87	14.64 1.39 0.93	18.22 1.50 0.00	26.94 2.05 0.01	28.49 2.25 0.00	27.45 2.01 0.00	27.67 2.01 0.12	31.48 2.16 -2.21	32.60 2.32 -2.00	36.11 2.42 -4.02	29.94 2.19 -0.02	30.05 2.23 0.00	38.79 2.04 -12.60	26.62 1.78 -2.53	34.88 2.21 -4.60	97.73 4.19 -38.94	172.23 3.25 -126.45	102.90 2.59 -67.43	135.38 2.79 -96.52	112.05 2.56 -74.07	38.07 2.50 -0.04	32.76 2.16 0.00
FRANKLIN_FALL_HYD 24054	23.89 -0.58 -4.53	20.27 -0.57 0.00	12.98 -0.37 0.00	13.80 -0.38 0.00	16.32 -0.40 0.00	24.52 -0.38 0.00	26.02 -0.22 0.00	30.23 -0.63 -5.43	55.15 -0.76 -30.13	59.97 -0.86 -33.71	61.86 -0.92 -34.50	64.21 -1.06 -35.60	60.71 -1.08 -34.07	61.06 -0.95 -34.19	55.10 -0.75 -31.71	51.98 -0.75 -30.42	58.98 -1.06 -31.97	95.80 -2.08 -43.28	78.11 -1.56 -37.14	69.45 -1.12 -37.68	74.72 -1.20 -39.86	70.54 -1.04 -36.16	74.16 -0.93 -39.56	65.80 -0.91 -36.11
FREEPORT_EQUS_GT1 23764	37.77 1.57 -16.26	22.55 1.81 0.10	13.71 1.22 0.87	14.54 1.29 0.93	18.11 1.39 0.00	26.76 1.87 0.01	28.33 2.08 0.00	27.29 1.85 0.00	27.49 1.84 0.12	30.83 1.93 -1.79	31.99 2.08 -1.64	33.48 2.15 -1.67	29.66 1.92 -0.01	29.79 1.97 0.00	33.45 1.81 -7.50	25.95 1.57 -2.07	33.78 1.95 -3.76	88.85 3.70 -30.55	139.66 2.93 -94.21	85.20 2.32 -49.99	93.34 2.50 -54.77	69.45 2.29 -31.75	37.77 2.23 -0.01	32.55 1.95 0.00
FREEPORT___CT2 23818	37.77 1.57 -16.26	22.55 1.81 0.10	13.71 1.22 0.87	14.54 1.29 0.93	18.11 1.39 0.00	26.76 1.87 0.01	28.33 2.08 0.00	27.29 1.85 0.00	27.49 1.84 0.12	30.83 1.93 -1.79	31.99 2.08 -1.64	33.48 2.15 -1.67	29.66 1.92 -0.01	29.79 1.97 0.00	33.45 1.81 -7.50	25.95 1.57 -2.07	33.78 1.95 -3.76	88.85 3.70 -30.55	139.66 2.93 -94.21	85.20 2.32 -49.99	93.34 2.50 -54.77	69.45 2.29 -31.75	37.77 2.23 -0.01	32.55 1.95 0.00
FRESHKLS_33_KV_LOAD 356253	57.28 1.56 -35.78	42.58 1.66 -20.08	41.83 1.09 -27.38	41.81 1.15 -26.48	41.42 1.34 -23.36	41.83 2.15 -14.79	41.85 2.29 -13.32	41.84 2.24 -14.16	42.24 2.03 -14.43	42.31 2.25 -12.94	42.24 2.51 -11.45	41.23 2.57 -8.99	41.20 2.43 -11.04	41.15 2.39 -10.94	44.74 2.20 -18.40	41.23 1.95 -16.98	41.28 2.36 -10.85	56.78 4.11 1.93	46.00 3.48 0.00	42.47 2.87 -6.71	51.56 3.05 -12.44	46.10 2.88 -7.80	44.27 2.72 -6.02	43.14 2.54 -10.00
FULTON COGEN____ 23766	19.49 -0.45 0.00	20.35 -0.49 0.00	13.06 -0.32 -0.03	13.85 -0.34 0.00	16.33 -0.40 0.00	24.28 -0.61 0.00	25.60 -0.65 0.00	24.89 -0.55 0.00	25.26 -0.51 0.00	26.60 -0.52 0.00	27.70 -0.57 0.00	29.07 -0.60 0.00	27.11 -0.62 0.00	27.24 -0.58 0.00	23.59 -0.55 0.00	21.85 -0.46 0.00	27.50 -0.57 0.00	53.55 -1.06 0.00	41.71 -0.82 0.00	32.24 -0.65 0.00	35.35 -0.72 0.00	34.65 -0.76 0.00	34.74 -0.79 0.00	29.89 -0.71 0.00
FULTON___LFGE 323630	20.89 0.95 0.00	21.80 0.96 0.00	14.43 0.60 -0.47	14.82 0.64 0.00	17.48 0.76 0.00	25.99 1.10 0.00	27.44 1.20 0.00	26.64 1.20 0.00	26.86 1.08 0.00	28.31 1.20 0.00	29.70 1.42 0.00	30.91 1.24 0.00	28.57 0.85 0.00	28.32 0.50 0.00	24.47 0.33 0.00	22.62 0.32 0.00	28.70 0.63 0.00	56.52 1.92 0.00	44.42 1.90 0.00	34.53 1.64 0.00	37.87 1.81 0.00	37.12 1.70 0.00	37.18 1.65 0.00	31.91 1.31 0.00
G.F.CEMENT___DRP 24184	21.31 1.37 0.00	22.29 1.45 0.00	14.69 0.91 -0.43	15.15 0.96 0.00	17.85 1.13 0.00	26.54 1.64 0.00	28.01 1.77 0.00	27.21 1.78 0.00	27.54 1.77 0.00	29.09 1.98 0.00	30.34 2.06 0.00	31.76 2.09 0.00	29.66 1.93 0.00	29.61 1.79 0.00	25.47 1.32 0.00	23.59 1.29 0.00	29.91 1.84 0.00	58.37 3.77 0.00	45.27 2.75 0.00	34.92 2.03 0.00	38.42 2.35 0.00	37.65 2.24 0.00	37.62 2.09 0.00	32.38 1.78 0.00
GARDENVILLE___LBMP 24039	18.31 -1.63 0.00	19.03 -1.81 0.00	12.15 -1.16 0.05	12.97 -1.21 0.00	15.33 -1.39 0.00	22.76 -2.14 0.00	23.99 -2.25 0.00	23.55 -1.89 0.00	23.97 -1.74 0.06	21.83 -1.89 3.40	16.14 -2.14 9.99	13.91 -2.02 13.74	11.79 -1.81 14.12	15.67 -1.77 10.37	18.97 -1.65 3.52	20.62 -1.62 0.07	22.41 -2.22 3.44	27.79 -4.56 22.26	19.24 -3.30 19.98	25.62 -2.58 4.69	32.89 -2.95 0.22	32.69 -2.73 0.00	32.97 -2.57 0.00	28.39 -2.21 0.00
GARDNVLA_35_KV_LD 355827	18.37 -1.57 0.00	19.10 -1.75 0.00	12.21 -1.12 0.03	13.01 -1.18 0.00	15.37 -1.35 0.00	22.81 -2.09 0.00	24.05 -2.20 0.00	23.62 -1.82 0.00	24.11 -1.66 0.00	22.52 -1.82 2.78	18.03 -2.08 8.17	16.52 -1.95 11.19	14.43 -1.75 11.55	17.64 -1.71 8.47	19.68 -1.58 2.87	20.72 -1.53 0.05	23.13 -2.13 2.81	31.99 -4.42 18.19	23.00 -3.20 16.33	26.57 -2.49 3.83	33.03 -2.85 0.18	32.80 -2.61 0.00	33.07 -2.46 0.00	28.46 -2.13 0.00
GELCKHM___115KV_LOAD 80723	19.60 -0.34 0.00	20.47 -0.38 0.00	13.14 -0.24 -0.03	13.93 -0.25 0.00	16.43 -0.29 0.00	24.43 -0.47 0.00	25.75 -0.49 0.00	25.04 -0.39 0.00	25.41 -0.36 0.00	26.74 -0.37 0.00	27.85 -0.43 0.00	29.21 -0.46 0.00	27.31 -0.42 0.00	27.41 -0.41 0.00	23.73 -0.41 0.00	21.97 -0.34 0.00	27.66 -0.41 0.00	53.84 -0.76 0.00	41.95 -0.57 0.00	32.45 -0.44 0.00	35.55 -0.51 0.00	34.87 -0.54 0.00	34.94 -0.59 0.00	30.07 -0.53 0.00
GENERAL___MILLS 23808	18.35 -1.59 0.00	19.08 -1.77 0.00	12.19 -1.13 0.03	12.99 -1.19 0.00	15.35 -1.37 0.00	22.79 -2.11 0.00	24.03 -2.22 0.00	23.59 -1.84 0.00	24.09 -1.69 0.00	22.33 -1.85 2.94	17.51 -2.10 8.66	15.82 -1.98 11.87	13.72 -1.76 12.25	17.10 -1.73 8.99	19.49 -1.61 3.05	20.68 -1.56 0.05	22.92 -2.16 2.98	30.83 -4.48 19.29	21.97 -3.23 17.32	26.30 -2.52 4.06	32.98 -2.90 0.19	32.76 -2.66 0.00	33.03 -2.50 0.00	28.43 -2.17 0.00
GE_PLASTICS___DRP 24183	20.57 0.63 0.00	21.52 0.67 0.00	14.22 0.44 -0.42	14.65 0.46 0.00	17.25 0.53 0.00	25.64 0.75 0.00	27.03 0.78 0.00	26.20 0.77 0.00	26.52 0.74 0.00	27.88 0.76 0.00	29.18 0.90 0.00	30.61 0.94 0.00	28.61 0.89 0.00	28.66 0.84 0.00	24.86 0.72 0.00	22.99 0.68 0.00	28.86 0.79 0.00	56.22 1.62 0.00	43.77 1.25 0.00	33.79 0.90 0.00	37.05 0.99 0.00	36.33 0.91 0.00	36.46 0.93 0.00	31.45 0.86 0.00
GILBOA___1 23756	20.53 0.58 0.00	21.47 0.63 0.00	14.10 0.42 -0.33	14.62 0.44 0.00	17.22 0.50 0.00	25.59 0.69 0.00	26.96 0.72 0.00	26.16 0.72 0.00	26.46 0.69 0.00	27.88 0.76 0.00	29.12 0.84 0.00	30.54 0.87 0.00	28.56 0.83 0.00	28.63 0.81 0.00	24.85 0.71 0.00	22.95 0.64 0.00	28.90 0.83 0.00	56.22 1.62 0.00	43.72 1.19 0.00	33.81 0.92 0.00	37.08 1.01 0.00	36.35 0.94 0.00	36.44 0.91 0.00	31.42 0.83 0.00
GILBOA___2 23757	20.53 0.58 0.00	21.47 0.63 0.00	14.10 0.42 -0.33	14.62 0.44 0.00	17.22 0.50 0.00	25.59 0.69 0.00	26.96 0.72 0.00	26.16 0.72 0.00	26.46 0.69 0.00	27.88 0.76 0.00	29.12 0.84 0.00	30.54 0.87 0.00	28.56 0.83 0.00	28.63 0.81 0.00	24.85 0.71 0.00	22.95 0.64 0.00	28.90 0.83 0.00	56.22 1.62 0.00	43.72 1.19 0.00	33.81 0.92 0.00	37.08 1.01 0.00	36.35 0.94 0.00	36.44 0.91 0.00	31.42 0.83 0.00

GILBOA___3 23758	20.53 0.58 0.00	21.47 0.63 0.00	14.10 0.42 -0.33	14.62 0.44 0.00	17.22 0.50 0.00	25.59 0.69 0.00	26.96 0.72 0.00	26.16 0.72 0.00	26.46 0.69 0.00	27.88 0.76 0.00	29.12 0.84 0.00	30.54 0.87 0.00	28.56 0.83 0.00	28.63 0.81 0.00	24.85 0.71 0.00	22.95 0.64 0.00	28.90 0.83 0.00	56.22 1.62 0.00	43.72 1.19 0.00	33.81 0.92 0.00	37.08 1.01 0.00	36.35 0.94 0.00	36.44 0.91 0.00	31.42 0.83 0.00
GILBOA___4 23759	20.53 0.58 0.00	21.47 0.63 0.00	14.10 0.42 -0.33	14.62 0.44 0.00	17.22 0.50 0.00	25.59 0.69 0.00	26.96 0.72 0.00	26.16 0.72 0.00	26.46 0.69 0.00	27.88 0.76 0.00	29.12 0.84 0.00	30.54 0.87 0.00	28.56 0.83 0.00	28.63 0.81 0.00	24.85 0.71 0.00	22.95 0.64 0.00	28.90 0.83 0.00	56.22 1.62 0.00	43.72 1.19 0.00	33.81 0.92 0.00	37.08 1.01 0.00	36.35 0.94 0.00	36.44 0.91 0.00	31.42 0.83 0.00
GILBOA___ 23599	20.53 0.59 0.00	21.47 0.63 0.00	14.10 0.42 -0.33	14.62 0.44 0.00	17.22 0.50 0.00	25.59 0.69 0.00	26.96 0.72 0.00	26.16 0.72 0.00	26.47 0.69 0.00	27.88 0.76 0.00	29.12 0.85 0.00	30.54 0.87 0.00	28.56 0.83 0.00	28.63 0.81 0.00	24.85 0.71 0.00	22.95 0.65 0.00	28.90 0.83 0.00	56.22 1.62 0.00	43.72 1.20 0.00	33.81 0.92 0.00	37.08 1.01 0.00	36.36 0.94 0.00	36.44 0.91 0.00	31.43 0.83 0.00
GINNA___ 23603	18.20 -1.74 0.00	18.99 -1.86 0.00	12.21 -1.19 -0.04	12.93 -1.26 0.00	15.25 -1.47 0.00	22.68 -2.22 0.00	23.92 -2.32 0.00	23.36 -2.07 0.00	23.85 -1.93 0.00	25.04 -2.08 0.00	25.93 -2.35 0.00	27.36 -2.32 0.00	25.63 -2.10 0.00	25.68 -2.14 0.00	22.28 -1.86 0.00	20.62 -1.68 0.00	25.84 -2.23 0.00	50.06 -4.54 0.00	39.15 -3.38 0.00	30.31 -2.58 0.00	33.14 -2.93 0.00	32.57 -2.84 0.00	32.72 -2.81 0.00	28.07 -2.53 0.00
GLEN PARK___ 23778	19.63 -0.59 -0.27	20.06 -0.79 0.00	12.83 -0.54 -0.02	13.65 -0.53 0.00	16.18 -0.55 0.00	23.97 -0.92 0.00	25.53 -0.72 0.00	25.27 -0.49 -0.32	27.16 -0.41 -1.80	28.42 -0.70 -2.01	29.35 -0.97 -2.05	31.02 -0.77 -2.12	28.49 -1.26 -2.03	28.65 -1.21 -2.04	24.90 -1.12 -1.89	23.22 -0.89 -1.81	28.99 -0.81 -1.73	55.25 -1.26 -1.91	43.07 -1.15 -1.70	34.43 -0.70 -2.24	37.75 -0.69 -2.37	36.74 -0.83 -2.15	37.02 -0.87 -2.35	31.73 -1.01 -2.15
GLENDALE_27_KV_LOAD 356172	58.40 1.72 -36.74	42.78 1.81 -20.12	40.29 1.17 -25.76	34.76 1.24 -19.33	24.38 1.43 -6.22	27.51 2.12 -0.49	28.48 2.24 0.00	27.63 2.19 -0.01	29.96 2.13 -2.06	31.38 2.32 -1.94	30.84 2.52 -0.04	32.25 2.58 0.00	30.18 2.45 0.00	30.26 2.44 0.00	26.38 2.24 0.00	24.29 1.98 -0.01	30.51 2.44 0.00	59.14 4.53 0.00	46.17 3.65 0.00	35.79 2.89 -0.01	39.17 3.09 0.00	38.32 2.90 -0.01	38.34 2.81 0.00	33.10 2.50 0.00
GLENWOOD_IC_1_G5 23712	37.76 1.56 -16.26	22.48 1.74 0.10	13.64 1.16 0.87	14.47 1.22 0.93	18.07 1.35 0.00	26.76 1.88 0.01	28.28 2.04 0.00	27.33 1.89 0.00	27.53 1.88 0.12	31.47 2.04 -2.32	32.59 2.22 -2.10	33.36 2.29 -1.40	29.85 2.11 0.00	29.98 2.17 0.00	34.44 1.96 -8.35	26.67 1.71 -2.66	35.03 2.14 -4.83	97.87 4.08 -39.19	165.45 3.20 -119.73	98.53 2.40 -63.25	100.62 2.59 -61.96	67.71 2.48 -29.81	37.90 2.36 -0.01	32.68 2.09 0.00
GLENWOOD_IC_2_G1 23688	37.69 1.49 -16.26	22.39 1.65 0.10	13.58 1.10 0.87	14.40 1.15 0.93	18.00 1.28 0.00	26.68 1.79 0.01	28.18 1.93 0.00	27.26 1.82 0.00	27.45 1.79 0.12	29.04 1.94 0.01	30.47 2.11 -0.09	31.88 2.17 -0.04	29.75 2.03 0.00	29.89 2.07 0.00	26.33 1.87 -0.32	24.05 1.63 -0.11	30.31 2.03 -0.20	60.13 3.86 -1.67	50.62 3.03 -5.07	37.93 2.37 -2.67	41.01 2.55 -2.40	38.73 2.36 -0.95	37.80 2.27 0.00	32.60 2.00 0.00
GLENWOOD_IC_3_G1 23689	37.69 1.49 -16.26	22.39 1.65 0.10	13.58 1.10 0.87	14.40 1.15 0.93	18.00 1.28 0.00	26.68 1.79 0.01	28.18 1.93 0.00	27.26 1.82 0.00	27.45 1.79 0.12	29.04 1.94 0.01	30.47 2.11 -0.09	31.88 2.17 -0.04	29.75 2.03 0.00	29.89 2.07 0.00	26.33 1.87 -0.32	24.05 1.63 -0.11	30.31 2.03 -0.20	60.13 3.86 -1.67	50.62 3.03 -5.07	37.93 2.37 -2.67	41.01 2.55 -2.40	38.73 2.36 -0.95	37.80 2.27 0.00	32.60 2.00 0.00
GLENWOOD___4 23550	37.76 1.56 -16.26	22.48 1.74 0.10	13.64 1.16 0.87	14.47 1.22 0.93	18.07 1.35 0.00	26.76 1.88 0.01	28.28 2.04 0.00	27.33 1.89 0.00	27.53 1.88 0.12	31.47 2.04 -2.32	32.59 2.22 -2.10	33.36 2.29 -1.40	29.85 2.11 0.00	29.98 2.17 0.00	34.44 1.96 -8.35	26.67 1.71 -2.66	35.03 2.14 -4.83	97.87 4.08 -39.19	165.46 3.20 -119.73	98.58 2.44 -63.25	100.67 2.64 -61.96	67.71 2.48 -29.81	37.90 2.36 -0.01	32.68 2.09 0.00
GLENWOOD___5 23614	37.76 1.56 -16.26	22.48 1.74 0.10	13.64 1.16 0.87	14.47 1.22 0.93	18.07 1.35 0.00	26.76 1.88 0.01	28.28 2.04 0.00	27.33 1.89 0.00	27.53 1.88 0.12	31.47 2.04 -2.32	32.59 2.22 -2.10	33.36 2.29 -1.40	29.85 2.11 0.00	29.98 2.17 0.00	34.44 1.96 -8.35	26.67 1.71 -2.66	35.03 2.14 -4.83	97.87 4.08 -39.19	165.46 3.20 -119.73	98.58 2.44 -63.25	100.67 2.64 -61.96	67.71 2.48 -29.81	37.90 2.36 -0.01	32.68 2.09 0.00
GLOBAL GREEN_PORT_GT1 23814	37.38 1.17 -16.26	22.30 1.56 0.10	13.54 1.06 0.87	14.35 1.10 0.93	17.88 1.16 0.00	26.39 1.50 0.01	28.04 1.80 0.00	26.98 1.54 0.00	27.10 1.44 0.12	26.57 0.99 1.54	-49.10 1.24 78.61	-22.10 1.03 52.80	-3.29 0.85 31.87	-26.22 1.02 55.05	-24.02 0.93 49.08	24.77 0.94 -1.53	32.09 1.25 -2.77	78.77 2.68 -21.48	107.71 2.23 -62.95	68.22 1.92 -33.41	65.60 2.18 -27.35	45.98 1.95 -8.62	37.14 1.61 0.00	31.88 1.28 0.00
GLOBE___DSASP 323697	17.72 -2.22 0.00	18.48 -2.37 0.00	11.85 -1.49 0.02	12.60 -1.58 0.00	14.88 -1.84 0.00	22.05 -2.85 0.00	23.24 -3.00 0.00	22.82 -2.62 0.00	23.35 -2.43 0.00	22.23 -2.64 2.25	18.75 -2.92 6.60	17.88 -2.73 9.06	15.94 -2.44 9.35	18.59 -2.37 6.85	19.59 -2.23 2.32	20.11 -2.16 0.04	22.79 -3.00 2.27	33.68 -6.21 14.71	24.96 -4.36 13.21	26.34 -3.45 3.10	31.78 -4.15 0.15	31.61 -3.80 0.00	31.96 -3.57 0.00	27.42 -3.18 0.00
GOETHSLN___LBMP 323567	58.36 1.58 -36.85	39.89 1.70 -17.35	36.43 1.11 -21.97	31.80 1.17 -16.45	23.43 1.33 -5.37	27.03 1.90 -0.23	28.24 2.00 0.00	27.39 1.95 0.00	29.38 1.91 -1.69	30.80 2.09 -1.59	30.54 2.23 -0.04	31.95 2.28 0.00	29.91 2.18 0.00	30.02 2.20 0.00	26.12 1.98 0.00	24.03 1.73 0.00	30.21 2.14 0.00	58.62 4.02 0.00	45.73 3.20 0.00	35.42 2.53 0.00	38.76 2.69 0.00	37.90 2.48 0.00	37.93 2.40 0.00	32.75 2.15 0.00
GOLAH___69_KV_TB 1_2 80279	18.90 -1.04 0.00	19.71 -1.13 0.00	12.67 -0.71 -0.03	13.42 -0.76 0.00	15.84 -0.88 0.00	23.52 -1.37 0.00	24.83 -1.42 0.00	24.30 -1.14 0.00	24.82 -0.96 0.00	25.68 -1.07 0.37	25.76 -1.42 1.09	26.77 -1.32 1.58	25.03 -1.08 1.62	25.50 -1.18 1.14	22.71 -1.05 0.39	21.36 -0.94 0.01	26.43 -1.26 0.38	49.45 -2.71 2.44	38.42 -1.91 2.19	30.96 -1.42 0.51	34.35 -1.70 0.02	33.83 -1.58 0.00	34.01 -1.52 0.00	29.17 -1.43 0.00

GOODYEAR_LAKE_HYD 323669	20.43 0.49 0.00	21.33 0.49 0.00	13.79 0.33 -0.10	14.53 0.35 0.00	17.13 0.41 0.00	25.50 0.60 0.00	26.88 0.63 0.00	26.13 0.69 0.00	26.50 0.73 0.00	27.93 0.82 0.00	29.09 0.81 0.00	30.48 0.80 0.00	28.42 0.70 0.00	28.52 0.70 0.00	24.75 0.61 0.00	22.86 0.56 0.00	28.91 0.85 0.00	56.39 1.79 0.00	43.81 1.29 0.00	33.90 1.01 0.00	37.15 1.09 0.00	36.41 1.00 0.00	36.42 0.89 0.00	31.34 0.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.94 0.00 0.00	20.81 -0.03 0.00	13.45 -0.01 -0.11	14.18 0.00 0.00	16.74 0.02 0.00	24.90 0.01 0.00	26.18 -0.06 0.00	25.52 0.09 0.00	25.84 0.06 0.00	27.26 0.14 0.00	28.37 0.09 0.00	29.76 0.09 0.00	27.83 0.10 0.00	27.91 0.09 0.00	24.14 0.00 0.00	22.26 -0.05 0.00	28.17 0.10 0.00	54.73 0.13 0.00	42.57 0.04 0.00	32.90 0.01 0.00	36.07 0.00 0.00	35.34 -0.07 0.00	35.39 -0.14 0.00	30.52 -0.07 0.00
GOUDEY___7 23579	19.94 0.00 0.00	20.81 -0.03 0.00	13.45 -0.01 -0.11	14.18 0.00 0.00	16.74 0.02 0.00	24.90 0.01 0.00	26.18 -0.06 0.00	25.52 0.09 0.00	25.84 0.06 0.00	27.26 0.14 0.00	28.37 0.09 0.00	29.76 0.09 0.00	27.83 0.10 0.00	27.91 0.09 0.00	24.14 0.00 0.00	22.26 -0.05 0.00	28.17 0.10 0.00	54.73 0.13 0.00	42.57 0.04 0.00	32.90 0.01 0.00	36.07 0.00 0.00	35.34 -0.07 0.00	35.39 -0.14 0.00	30.52 -0.07 0.00
GOUDEY___8 23580	19.94 0.00 0.00	20.81 -0.03 0.00	13.45 -0.01 -0.11	14.18 0.00 0.00	16.74 0.02 0.00	24.90 0.01 0.00	26.18 -0.06 0.00	25.52 0.09 0.00	25.84 0.06 0.00	27.26 0.14 0.00	28.37 0.09 0.00	29.76 0.09 0.00	27.83 0.10 0.00	27.91 0.09 0.00	24.14 0.00 0.00	22.26 -0.05 0.00	28.17 0.10 0.00	54.73 0.13 0.00	42.57 0.04 0.00	32.90 0.01 0.00	36.07 0.00 0.00	35.34 -0.07 0.00	35.39 -0.14 0.00	30.52 -0.07 0.00
GOWANUS_GT1_1 24077	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_2 24078	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_3 24079	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_4 24080	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_5 24084	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_6 24111	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_7 24112	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT1_8 24113	58.39 1.71 -36.74	43.75 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.55 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.50 -13.38	59.15 4.55 0.00	46.24 3.72 0.00	42.58 2.98 -6.71	51.70 3.18 -12.44	46.21 3.00 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT2_1 24114	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT2_2 24115	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT2_3 24116	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00

GOWANUS_GT2_4 24117	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT2_5 24118	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT2_6 24119	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT2_7 24120	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT2_8 24121	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT3_1 24122	58.38 1.70 -36.74	43.74 1.79 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.43 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.39 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.54 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.51 -13.38	59.13 4.53 0.00	46.23 3.71 0.00	42.58 2.98 -6.71	51.68 3.17 -12.44	46.21 2.99 -7.80	44.42 2.88 -6.02	43.21 2.61 -10.00
GOWANUS_GT3_2 24123	58.38 1.70 -36.74	43.74 1.79 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.43 -23.36	41.88 2.19 -14.79	41.88 2.32 -13.32	41.88 2.28 -14.16	42.41 2.18 -14.45	42.45 2.39 -12.95	42.34 2.61 -11.45	41.34 2.68 -8.99	41.31 2.54 -11.04	41.29 2.53 -10.94	44.84 2.30 -18.40	41.33 2.04 -16.98	43.96 2.51 -13.38	59.13 4.53 0.00	46.23 3.71 0.00	42.58 2.98 -6.71	51.68 3.17 -12.44	46.21 2.99 -7.80	44.4	

GOWANUS_GT4_3 24132	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT4_4 24133	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT4_5 24134	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT4_6 24135	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT4_7 24136	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GOWANUS_GT4_8 24137	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GREENBSH_115KV_TB3 55895	20.55 0.61 0.00	21.49 0.65 0.00	14.20 0.43 -0.42	14.63 0.45 0.00	17.24 0.52 0.00	25.62 0.72 0.00	27.00 0.76 0.00	26.18 0.74 0.00	26.49 0.71 0.00	27.81 0.70 0.00	29.16 0.88 0.00	30.59 0.92 0.00	28.60 0.88 0.00	28.64 0.82 0.00	24.84 0.71 0.00	22.97 0.67 0.00	28.83 0.76 0.00	56.14 1.54 0.00	43.71 1.19 0.00	33.73 0.84 0.00	36.99 0.92 0.00	36.25 0.83 0.00	36.41 0.88 0.00	31.42 0.82 0.00
GREENIDGE_115KV_TB5 80291	19.43 -0.51 0.00	20.23 -0.61 0.00	13.14 -0.40 -0.18	13.76 -0.42 0.00	16.27 -0.45 0.00	24.22 -0.68 0.00	25.50 -0.74 0.00	24.93 -0.50 0.00	25.30 -0.48 0.00	30.67 -0.49 -4.05	39.42 -0.76 -11.90	44.94 -0.96 -16.23	43.78 -0.70 -16.75	39.42 -0.74 -12.35	27.51 -0.82 -4.19	21.75 -0.64 -0.08	31.33 -0.83 -4.09	79.22 -1.89 -26.50	65.02 -1.30 -23.80	37.67 -0.81 -5.58	35.51 -0.82 -0.26	34.52 -0.89 0.00	34.63 -0.90 0.00	29.82 -0.78 0.00
GREENIDGE___3 23582	19.43 -0.51 0.00	20.23 -0.61 0.00	13.14 -0.40 -0.18	13.76 -0.42 0.00	16.27 -0.45 0.00	24.22 -0.68 0.00	25.50 -0.74 0.00	24.93 -0.50 0.00	25.30 -0.48 0.00	30.67 -0.49 -4.05	39.42 -0.76 -11.90	44.94 -0.96 -16.23	43.78 -0.70 -16.75	39.42 -0.74 -12.35	27.51 -0.82 -4.19	21.75 -0.64 -0.08	31.33 -0.83 -4.09	79.22 -1.89 -26.50	65.02 -1.30 -23.80	37.67 -0.81 -5.58	35.51 -0.82 -0.26	34.52 -0.89 0.00	34.63 -0.90 0.00	29.82 -0.78 0.00
GREENIDGE___4 23583	19.43 -0.52 0.00	20.23 -0.62 0.00	13.14 -0.40 -0.18	13.76 -0.42 0.00	16.27 -0.45 0.00	24.22 -0.68 0.00	25.50 -0.74 0.00	24.94 -0.50 0.00	25.30 -0.47 0.00	30.67 -0.49 -4.05	39.42 -0.76 -11.90	44.94 -0.95 -16.23	43.80 -0.68 -16.75	39.41 -0.75 -12.35	27.51 -0.82 -4.19	21.75 -0.64 -0.08	31.33 -0.83 -4.09	79.24 -1.87 -26.50	65.02 -1.29 -23.80	37.67 -0.81 -5.58	35.51 -0.82 -0.26	34.52 -0.90 0.00	34.63 -0.90 0.00	29.82 -0.78 0.00
GREENLWN_69_KV_BK 3 55738	37.66 1.46 -16.26	22.48 1.75 0.10	13.67 1.18 0.87	14.50 1.25 0.93	18.05 1.33 0.00	26.65 1.77 0.01	28.22 1.97 0.00	27.15 1.71 0.00	27.36 1.71 0.12	30.16 1.73 -1.32	31.41 1.90 -1.24	31.97 1.99 -0.31	29.49 1.76 0.00	29.63 1.81 0.00	29.83 1.67 -4.02	25.28 1.42 -1.56	32.66 1.75 -2.84	79.97 3.33 -22.04	109.91 2.65 -64.74	69.33 2.08 -34.36	66.93 2.26 -28.60	46.98 2.05 -9.51	37.51 1.98 0.00	32.34 1.74 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00
GRISSOM___SOLAR 323813	20.91 0.97 0.00	21.83 0.99 0.00	14.45 0.63 -0.46	14.84 0.66 0.00	17.50 0.78 0.00	26.03 1.13 0.00	27.47 1.23 0.00	26.67 1.23 0.00	26.85 1.07 0.00	28.31 1.20 0.00	29.72 1.45 0.00	30.92 1.25 0.00	28.55 0.82 0.00	28.30 0.48 0.00	24.43 0.30 0.00	22.62 0.32 0.00	28.71 0.64 0.00	56.51 1.91 0.00	44.51 1.99 0.00	34.57 1.68 0.00	37.92 1.85 0.00	37.16 1.74 0.00	37.22 1.69 0.00	31.97 1.37 0.00
GROVEVILLE___HYD 323602	21.96 1.42 -0.60	22.38 1.50 -0.03	14.68 0.97 -0.35	15.21 1.03 0.00	17.90 1.17 -0.01	26.60 1.70 0.00	28.03 1.79 0.00	27.20 1.76 0.00	27.50 1.73 0.00	29.02 1.91 0.00	30.33 2.06 0.00	31.78 2.11 0.00	29.68 1.95 0.00	29.80 1.98 0.00	25.91 1.77 0.00	23.85 1.55 0.00	30.09 2.02 0.00	58.56 3.96 0.00	45.60 3.08 0.00	35.28 2.39 0.00	38.64 2.57 0.00	37.81 2.40 0.00	37.83 2.30 0.00	32.61 2.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.72 -0.22 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.18 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.80 -0.27 0.00	35.10 -0.31 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00

HAMLTNNY_34_KV_TB 80303	19.86 -0.08 0.00	20.76 -0.08 0.00	13.34 -0.05 -0.04	14.13 -0.05 0.00	16.65 -0.07 0.00	24.78 -0.12 0.00	26.13 -0.12 0.00	25.41 -0.03 0.00	25.80 0.03 0.00	27.10 -0.02 0.00	28.26 -0.01 0.00	29.60 -0.07 0.00	27.62 -0.11 0.00	27.81 -0.01 0.00	23.95 -0.19 0.00	22.21 -0.09 0.00	28.02 -0.05 0.00	54.74 0.14 0.00	42.68 0.15 0.00	32.97 0.08 0.00	36.15 0.09 0.00	35.40 -0.02 0.00	35.41 -0.12 0.00	30.44 -0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	20.01 -0.64 -0.72	20.09 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.53 0.00	16.18 -0.55 0.00	24.08 -0.82 0.00	25.59 -0.65 0.00	25.64 -0.66 -0.86	29.87 -0.68 -4.78	31.53 -0.93 -5.35	32.64 -1.11 -5.47	34.31 -1.01 -5.64	31.96 -1.17 -5.40	32.08 -1.16 -5.42	28.16 -1.01 -5.03	26.22 -0.91 -4.82	31.51 -1.10 -4.54	57.43 -1.96 -4.78	45.25 -1.56 -4.29	37.79 -1.07 -5.97	41.30 -1.09 -6.32	40.11 -1.03 -5.73	40.81 -0.99 -6.27	35.28 -1.04 -5.73
HARDSCRABBLE_WT_PWR 323673	20.18 0.24 0.00	21.10 0.26 0.00	13.49 0.13 0.00	14.32 0.14 0.00	16.89 0.17 0.00	25.09 0.19 0.00	26.39 0.15 0.00	25.71 0.28 0.00	25.91 0.14 0.00	27.40 0.28 0.00	28.77 0.50 0.00	29.96 0.29 0.00	27.94 0.21 0.00	27.77 -0.05 0.00	23.92 -0.22 0.00	22.11 -0.20 0.00	28.24 0.06 -0.11	55.50 0.46 -0.44	42.99 0.12 -0.34	33.03 0.14 0.00	36.24 0.17 0.00	35.44 0.03 0.00	35.46 -0.07 0.00	30.56 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.23 1.22 2.92	21.98 1.28 0.14	14.51 0.83 -0.33	15.05 0.87 0.00	17.67 0.99 0.05	26.35 1.45 0.00	27.75 1.50 0.00	26.92 1.49 0.00	27.21 1.43 0.00	28.75 1.63 0.00	30.03 1.75 0.00	31.46 1.79 0.00	29.43 1.70 0.00	29.56 1.74 0.00	25.70 1.56 0.00	23.65 1.35 0.00	29.80 1.73 0.00	57.98 3.38 0.00	45.18 2.65 0.00	34.95 2.06 0.00	38.27 2.20 0.00	37.41 2.00 0.00	37.44 1.91 0.00	32.29 1.69 0.00
HARSNRAD_115KV_TB1 81005	17.99 -1.95 0.00	18.73 -2.11 0.00	12.01 -1.33 0.02	12.77 -1.41 0.00	15.08 -1.64 0.00	22.36 -2.54 0.00	23.59 -2.65 0.00	23.18 -2.25 0.00	23.72 -2.06 0.00	22.61 -2.24 2.26	19.09 -2.54 6.64	18.18 -2.37 9.12	16.23 -2.09 9.41	18.85 -2.08 6.89	19.85 -1.95 2.34	20.39 -1.87 0.04	23.21 -2.57 2.28	34.57 -5.24 14.79	25.50 -3.74 13.28	26.78 -2.99 3.12	32.36 -3.56 0.15	32.13 -3.29 0.00	32.46 -3.07 0.00	27.85 -2.75 0.00
HARZA MOOSE___RIVER 24016	19.94 -0.20 -0.20	20.50 -0.35 0.00	13.13 -0.24 -0.01	13.95 -0.24 0.00	16.51 -0.21 0.00	24.52 -0.38 0.00	26.04 -0.21 0.00	25.61 -0.07 -0.24	27.03 -0.10 -1.36	28.36 -0.27 -1.52	29.46 -0.37 -1.56	31.06 -0.21 -1.60	28.86 -0.41 -1.54	28.87 -0.49 -1.54	25.13 -0.44 -1.43	23.25 -0.42 -1.37	29.09 -0.34 -1.37	55.82 -0.46 -1.68	43.58 -0.40 -1.46	34.34 -0.25 -1.70	37.66 -0.20 -1.80	36.78 -0.27 -1.63	36.98 -0.33 -1.78	31.77 -0.46 -1.63
HDSNBRDG_115KV_BRDG_TB1 355580	19.61 -0.33 0.00	20.48 -0.36 0.00	13.15 -0.23 -0.03	13.93 -0.25 0.00	16.43 -0.29 0.00	24.44 -0.46 0.00	25.76 -0.49 0.00	25.05 -0.39 0.00	25.42 -0.35 0.00	26.77 -0.35 0.00	27.87 -0.41 0.00	29.24 -0.43 0.00	27.35 -0.38 0.00	27.44 -0.38 0.00	23.76 -0.37 0.00	21.99 -0.31 0.00	27.70 -0.37 0.00	53.90 -0.70 0.00	42.00 -0.53 0.00	32.46 -0.43 0.00	35.58 -0.48 0.00	34.88 -0.53 0.00	34.96 -0.58 0.00	30.08 -0.52 0.00
HELLGATE_13_KV_LD 55870	58.43 1.75 -36.74	42.81 1.84 -20.12	40.31 1.19 -25.76	34.78 1.27 -19.33	24.40 1.45 -6.22	27.55 2.16 -0.49	28.51 2.27 0.00	27.67 2.23 -0.01	30.00 2.17 -2.06	31.41 2.35 -1.94	30.87 2.55 -0.04	32.29 2.62 0.00	30.21 2.49 0.00	30.29 2.47 0.00	26.41 2.26 0.00	24.33 2.02 -0.01	30.56 2.48 0.00	59.22 4.62 0.00	46.25 3.72 0.00	35.84 2.94 -0.01	39.21 3.14 0.00	38.37 2.95 -0.01	38.38 2.85 0.00	33.14 2.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	58.43 1.75 -36.74	42.81 1.84 -20.12	40.31 1.19 -25.76	34.78 1.27 -19.33	24.40 1.45 -6.22	27.55 2.16 -0.49	28.51 2.27 0.00	27.67 2.23 -0.01	30.00 2.17 -2.06	31.41 2.35 -1.94	30.87 2.55 -0.04	32.29 2.62 0.00	30.21 2.49 0.00	30.29 2.47 0.00	26.41 2.26 0.00	24.33 2.02 -0.01	30.56 2.48 0.00	59.22 4.62 0.00	46.25 3.72 0.00	35.84 2.94 -0.01	39.21 3.14 0.00	38.37 2.95 -0.01	38.38 2.85 0.00	33.14 2.54 0.00
HEMPSTEAD____ 23647	37.67 1.47 -16.26	22.43 1.69 0.10	13.63 1.14 0.87	14.46 1.20 0.93	18.02 1.31 0.00	26.65 1.77 0.01	28.20 1.96 0.00	27.20 1.76 0.00	27.41 1.75 0.12	30.96 1.85 -1.99	32.09 2.00 -1.81	33.18 2.08 -1.43	29.61 1.88 0.00	29.74 1.93 0.00	33.49 1.76 -7.59	26.13 1.53 -2.29	34.13 1.89 -4.17	92.03 3.59 -33.84	149.00 2.81 -103.66	89.92 2.20 -54.83	93.99 2.37 -55.55	66.04 2.19 -28.44	37.64 2.10 -0.01	32.45 1.86 0.00
HEWLETT_69_KV_BK3 55828	37.83 1.63 -16.26	22.62 1.88 0.10	13.75 1.26 0.87	14.58 1.33 0.93	18.15 1.44 0.00	26.84 1.95 0.01	28.39 2.14 0.00	27.34 1.91 0.00	27.57 1.91 0.12	31.38 2.06 -2.21	32.49 2.21 -2.00	36.00 2.31 -4.02	29.83 2.08 -0.02	29.94 2.12 0.00	38.69 1.94 -12.60	26.52 1.68 -2.53	34.76 2.10 -4.60	97.50 3.96 -38.94	172.09 3.12 -126.45	102.77 2.45 -67.43	135.23 2.64 -96.52	111.89 2.41 -74.07	37.92 2.35 -0.04	32.64 2.04 0.00
HICKLING___1 23621	19.57 -0.37 0.00	20.36 -0.48 0.00	13.16 -0.31 -0.12	13.86 -0.32 0.00	16.41 -0.31 0.00	24.43 -0.47 0.00	25.65 -0.59 0.00	25.11 -0.32 0.00	25.37 -0.41 0.00	28.08 -0.34 -1.30	31.57 -0.53 -3.82	34.36 -0.52 -5.21	32.74 -0.36 -5.38	31.29 -0.49 -3.97	24.90 -0.58 -1.35	21.76 -0.56 -0.03	28.80 -0.59 -1.31	61.93 -1.19 -8.51	49.24 -0.93 -7.64	33.94 -0.74 -1.80	35.38 -0.78 -0.08	34.56 -0.86 0.00	34.62 -0.91 0.00	29.92 -0.68 0.00
HICKLING___2 23622	19.57 -0.37 0.00	20.36 -0.48 0.00	13.16 -0.31 -0.12	13.86 -0.32 0.00	16.41 -0.31 0.00	24.43 -0.47 0.00	25.65 -0.59 0.00	25.11 -0.32 0.00	25.37 -0.41 0.00	28.08 -0.34 -1.30	31.57 -0.53 -3.82	34.36 -0.52 -5.21	32.74 -0.36 -5.38	31.29 -0.49 -3.97	24.90 -0.58 -1.35	21.76 -0.56 -0.03	28.80 -0.59 -1.31	61.93 -1.19 -8.51	49.24 -0.93 -7.64	33.94 -0.74 -1.80	35.38 -0.78 -0.08	34.56 -0.86 0.00	34.62 -0.91 0.00	29.92 -0.68 0.00
HIGH FALLS___HY 23754	21.27 1.32 0.00	22.23 1.39 0.00	14.61 0.90 -0.34	15.14 0.95 0.00	17.81 1.08 0.00	26.46 1.57 0.00	27.89 1.65 0.00	27.06 1.62 0.00	27.37 1.59 0.00	28.88 1.77 0.00	30.17 1.89 0.00	31.53 1.86 0.00	29.40 1.68 0.00	29.49 1.67 0.00	25.65 1.50 0.00	23.61 1.31 0.00	29.94 1.87 0.00	58.36 3.76 0.00	45.52 3.00 0.00	35.24 2.35 0.00	38.61 2.54 0.00	37.78 2.37 0.00	37.77 2.23 0.00	32.53 1.93 0.00
HIGH_RIVER___SOLAR 323847	20.77 0.83 0.00	21.69 0.85 0.00	14.35 0.54 -0.45	14.75 0.57 0.00	17.39 0.67 0.00	25.87 0.97 0.00	27.29 1.04 0.00	26.45 1.01 0.00	26.67 0.89 0.00	28.01 0.90 0.00	29.45 1.18 0.00	30.65 0.98 0.00	28.47 0.74 0.00	28.33 0.51 0.00	24.41 0.27 0.00	22.57 0.27 0.00	28.61 0.55 0.00	56.42 1.82 0.00	44.20 1.68 0.00	34.29 1.40 0.00	37.61 1.55 0.00	36.89 1.47 0.00	36.95 1.42 0.00	31.78 1.18 0.00

HILLBURN___GT 23639	17.61 1.20 3.53	21.93 1.26 0.17	14.50 0.81 -0.33	15.03 0.85 0.00	17.63 0.97 0.06	26.31 1.41 0.00	27.71 1.47 0.00	26.90 1.46 0.00	27.17 1.39 0.00	28.71 1.60 0.00	30.00 1.72 0.00	31.42 1.75 0.00	29.42 1.69 0.00	29.57 1.75 0.00	25.70 1.56 0.00	23.64 1.34 0.00	29.73 1.66 0.00	57.82 3.22 0.00	45.09 2.56 0.00	34.87 1.98 0.00	38.18 2.11 0.00	37.31 1.90 0.00	37.35 1.82 0.00	32.23 1.63 0.00
HILLSIDE_115KV_TB1 80332	19.63 -0.31 0.00	20.45 -0.39 0.00	13.23 -0.24 -0.12	13.94 -0.24 0.00	16.48 -0.25 0.00	24.53 -0.37 0.00	25.72 -0.53 0.00	25.17 -0.26 0.00	25.42 -0.36 0.00	28.04 -0.25 -1.18	31.34 -0.39 -3.46	33.98 -0.40 -4.71	32.30 -0.29 -4.86	31.02 -0.39 -3.59	24.91 -0.45 -1.22	21.80 -0.52 -0.02	28.80 -0.45 -1.19	61.30 -1.01 -7.70	48.59 -0.85 -6.91	33.82 -0.69 -1.62	35.40 -0.74 -0.08	34.57 -0.84 0.00	34.61 -0.91 0.00	29.93 -0.67 0.00
HISHELDN_WT_PWR 323625	18.20 -1.74 0.00	18.85 -1.99 0.00	11.90 -1.29 0.17	12.82 -1.36 0.00	15.18 -1.54 0.00	22.53 -2.37 0.00	23.78 -2.47 0.00	23.39 -2.05 0.00	23.81 -1.96 0.00	17.31 -2.18 7.63	3.38 -2.45 22.44	-3.39 -2.39 30.68	-6.05 -2.11 31.66	2.29 -2.25 23.28	14.15 -2.09 7.89	20.22 -1.94 0.14	17.77 -2.58 7.72	-0.38 -4.99 49.98	-6.04 -3.69 44.87	19.40 -2.96 10.53	32.34 -3.23 0.49	32.37 -3.05 0.00	32.71 -2.82 0.00	28.29 -2.31 0.00
HOLTSVILLE_IC_1 23690	37.76 1.55 -16.26	22.63 1.89 0.10	13.76 1.27 0.87	14.59 1.34 0.93	18.16 1.45 0.00	26.80 1.91 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.49 1.83 0.12	29.85 1.63 -1.10	26.17 1.78 3.88	28.39 1.85 3.12	27.29 1.60 2.03	26.00 1.68 3.50	26.15 1.54 -0.46	25.23 1.40 -1.52	32.59 1.75 -2.77	79.51 3.46 -21.44	108.06 2.70 -62.83	68.40 2.17 -33.34	65.75 2.42 -27.26	46.22 2.26 -8.55	37.64 2.12 0.00	32.40 1.81 0.00
HOLTSVILLE_IC_10 23699	37.84 1.63 -16.26	22.71 1.97 0.10	13.81 1.33 0.87	14.65 1.39 0.93	18.22 1.50 0.00	26.88 2.00 0.01	28.49 2.24 0.00	27.41 1.97 0.00	27.58 1.92 0.12	31.21 1.70 -2.39	62.45 1.84 -32.33	52.55 1.92 -20.96	41.80 1.65 -12.42	51.01 1.74 -21.46	50.26 1.59 -24.53	25.30 1.46 -1.53	32.70 1.84 -2.79	79.92 3.69 -21.63	108.89 2.91 -63.46	68.90 2.34 -33.68	66.41 2.61 -27.74	46.76 2.43 -8.91	37.80 2.27 0.00	32.52 1.92 0.00
HOLTSVILLE_IC_2 23691	37.76 1.55 -16.26	22.63 1.89 0.10	13.76 1.27 0.87	14.59 1.34 0.93	18.16 1.45 0.00	26.80 1.91 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.49 1.83 0.12	29.85 1.63 -1.10	26.17 1.78 3.88	28.39 1.85 3.12	27.29 1.60 2.03	26.00 1.68 3.50	26.15 1.54 -0.46	25.23 1.40 -1.52	32.59 1.75 -2.77	79.51 3.46 -21.44	108.06 2.70 -62.83	68.40 2.17 -33.34	65.75 2.42 -27.26	46.22 2.26 -8.55	37.64 2.12 0.00	32.40 1.81 0.00
HOLTSVILLE_IC_3 23692	37.76 1.55 -16.26	22.63 1.89 0.10	13.76 1.27 0.87	14.59 1.34 0.93	18.16 1.45 0.00	26.80 1.91 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.49 1.83 0.12	29.85 1.63 -1.10	26.17 1.78 3.88	28.39 1.85 3.12	27.29 1.60 2.03	26.00 1.68 3.50	26.15 1.54 -0.46	25.23 1.40 -1.52	32.59 1.75 -2.77	79.51 3.46 -21.44	108.06 2.70 -62.83	68.40 2.17 -33.34	65.75 2.42 -27.26	46.22 2.26 -8.55	37.64 2.12 0.00	32.40 1.81 0.00
HOLTSVILLE_IC_4 23693	37.76 1.55 -16.26	22.63 1.89 0.10	13.76 1.27 0.87	14.59 1.34 0.93	18.16 1.45 0.00	26.80 1.91 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.49 1.83 0.12	29.85 1.63 -1.10	26.17 1.78 3.88	28.39 1.85 3.12	27.29 1.60 2.03	26.00 1.68 3.50	26.15 1.54 -0.46	25.23 1.40 -1.52	32.59 1.75 -2.77	79.51 3.46 -21.44	108.06 2.70 -62.83	68.40 2.17 -33.34	65.75 2.42 -27.26	46.22 2.26 -8.55	37.64 2.12 0.00	32.40 1.81 0.00
HOLTSVILLE_IC_5 23694	37.76 1.55 -16.26	22.63 1.89 0.10	13.76 1.27 0.87	14.59 1.34 0.93	18.16 1.45 0.00	26.80 1.91 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.49 1.83 0.12	29.85 1.63 -1.10	26.17 1.78 3.88	28.39 1.85 3.12	27.29 1.60 2.03	26.00 1.68 3.50	26.15 1.54 -0.46	25.23 1.40 -1.52	32.59 1.75 -2.77	79.51 3.46 -21.44	108.06 2.70 -62.83	68.40 2.17 -33.34	65.75 2.42 -27.26	46.22 2.26 -8.55	37.64 2.12 0.00	32.40 1.81 0.00
HOLTSVILLE_IC_6 23695	37.84 1.63 -16.26	22.71 1.97 0.10	13.81 1.33 0.87	14.65 1.39 0.93	18.22 1.50 0.00	26.88 2.00 0.01	28.49 2.24 0.00	27.41 1.97 0.00	27.58 1.92 0.12	31.21 1.70 -2.39	62.45 1.84 -32.33	52.55 1.92 -20.96	41.80 1.65 -12.42	51.01 1.74 -21.46	50.26 1.59 -24.53	25.30 1.46 -1.53	32.70 1.84 -2.79	79.92 3.69 -21.63	108.89 2.91 -63.46	68.90 2.34 -33.68	66.41 2.61 -27.74	46.76 2.43 -8.91	37.80 2.27 0.00	32.52 1.92 0.00
HOLTSVILLE_IC_7 23696	37.84 1.63 -16.26	22.71 1.97 0.10	13.81 1.33 0.87	14.65 1.39 0.93	18.22 1.50 0.00	26.88 2.00 0.01	28.49 2.24 0.00	27.41 1.97 0.00	27.58 1.92 0.12	31.21 1.70 -2.39	62.45 1.84 -32.33	52.55 1.92 -20.96	41.80 1.65 -12.42	51.01 1.74 -21.46	50.26 1.59 -24.53	25.30 1.46 -1.53	32.70 1.84 -2.79	79.92 3.69 -21.63	108.89 2.91 -63.46	68.90 2.34 -33.68	66.41 2.61 -27.74	46.76 2.43 -8.91	37.80 2.27 0.00	32.52 1.92 0.00
HOLTSVILLE_IC_8 23697	37.84 1.63 -16.26	22.71 1.97 0.10	13.81 1.33 0.87	14.65 1.39 0.93	18.22 1.50 0.00	26.88 2.00 0.01	28.49 2.24 0.00	27.41 1.97 0.00	27.58 1.92 0.12	31.21 1.70 -2.39	62.45 1.84 -32.33	52.55 1.92 -20.96	41.80 1.65 -12.42	51.01 1.74 -21.46	50.26 1.59 -24.53	25.30 1.46 -1.53	32.70 1.84 -2.79	79.92 3.69 -21.63	108.89 2.91 -63.46	68.90 2.34 -33.68	66.41 2.61 -27.74	46.76 2.43 -8.91	37.80 2.27 0.00	32.52 1.92 0.00
HOLTSVILLE_IC_9 23698	37.84 1.63 -16.26	22.71 1.97 0.10	13.81 1.33 0.87	14.65 1.39 0.93	18.22 1.50 0.00	26.88 2.00 0.01	28.49 2.24 0.00	27.41 1.97 0.00	27.58 1.92 0.12	31.21 1.70 -2.39	62.45 1.84 -32.33	52.55 1.92 -20.96	41.80 1.65 -12.42	51.01 1.74 -21.46	50.26 1.59 -24.53	25.30 1.46 -1.53	32.70 1.84 -2.79	79.92 3.69 -21.63	108.89 2.91 -63.46	68.90 2.34 -33.68	66.41 2.61 -27.74	46.76 2.43 -8.91	37.80 2.27 0.00	32.52 1.92 0.00
HOMER_HL_115KV_TB2 355744	19.34 -0.60 0.00	20.10 -0.75 0.00	12.93 -0.47 -0.05	13.70 -0.49 0.00	16.19 -0.53 0.00	24.12 -0.77 0.00	25.41 -0.84 0.00	24.88 -0.56 0.00	25.69 -0.56 -0.48	26.21 -0.45 0.45	26.50 -0.46 1.31	27.80 -0.46 1.41	25.47 -0.37 1.89	26.02 -0.43 1.36	23.17 -0.51 0.46	21.52 -0.78 0.01	26.54 -1.08 0.45	49.80 -1.88 2.93	38.35 -1.54 2.63	30.94 -1.33 0.62	34.59 -1.45 0.03	34.01 -1.40 0.00	34.27 -1.26 0.00	29.61 -0.99 0.00
HOWARD_WT_PWR 323690	18.34 -1.60 0.00	19.00 -1.85 0.00	12.40 -1.27 -0.32	12.86 -1.32 0.00	15.29 -1.43 0.00	22.86 -2.04 0.00	24.08 -2.16 0.00	23.67 -1.76 0.00	23.92 -1.95 -0.09	33.46 -2.26 -8.61	51.06 -2.53 -25.32	61.76 -2.51 -34.60	61.25 -2.11 -35.64	51.67 -2.41 -26.26	30.58 -2.47 -8.90	20.52 -1.94 -0.16	33.93 -2.85 -8.71	105.73 -5.26 -56.38	89.26 -3.87 -50.61	41.70 -3.06 -11.88	33.38 -3.25 -0.56	32.14 -3.27 0.00	32.62 -2.91 0.00	28.25 -2.35 0.00

HQ_GEN_CEDARS 23644	20.23 -0.07 -0.35	20.80 -0.04 0.00	13.31 -0.05 0.00	14.14 -0.05 0.00	16.71 -0.01 0.00	24.96 0.06 0.00	26.36 0.12 0.00	25.80 -0.06 -0.42	28.06 -0.05 -2.33	29.59 -0.14 -2.61	30.73 -0.21 -2.67	32.22 -0.20 -2.75	30.13 -0.23 -2.64	30.33 -0.14 -2.64	26.51 -0.08 -2.45	24.53 -0.13 -2.35	29.01 -0.28 -1.22	52.48 -0.61 1.52	41.22 -0.43 0.87	35.57 -0.24 -2.92	38.91 -0.24 -3.08	38.14 -0.08 -2.80	38.63 0.04 -3.06	33.36 -0.04 -2.79
HQ_GEN_CEDARS_PROXY 323590	20.23 -0.07 -0.35	20.80 -0.04 0.00	13.31 -0.05 0.00	14.14 -0.05 0.00	16.71 -0.01 0.00	24.96 0.06 0.00	26.36 0.12 0.00	25.80 -0.06 -0.42	28.06 -0.05 -2.33	29.58 -0.14 -2.61	30.73 -0.21 -2.67	32.23 -0.20 -2.75	30.13 -0.23 -2.64	30.32 -0.14 -2.64	26.51 -0.08 -2.45	24.53 -0.13 -2.35	29.01 -0.28 -1.22	52.48 -0.61 1.52	41.21 -0.44 0.87	35.56 -0.25 -2.92	38.91 -0.24 -3.08	38.14 -0.08 -2.80	38.63 0.04 -3.06	33.36 -0.04 -2.79
HQ_GEN_IMPORT 323601	19.83 -0.11 0.00	20.74 -0.10 0.00	13.27 -0.08 0.00	14.10 -0.08 0.00	16.64 -0.08 0.00	24.85 -0.05 0.00	26.20 -0.05 0.00	25.29 -0.15 0.00	25.64 -0.14 0.00	26.93 -0.19 0.00	28.05 -0.22 0.00	29.45 -0.22 0.00	27.50 -0.22 0.00	27.65 -0.17 0.00	24.02 -0.12 0.00	22.16 -0.14 0.00	27.59 -0.25 0.23	53.15 -0.55 0.90	41.42 -0.41 0.69	32.62 -0.27 0.00	35.79 -0.28 0.00	35.23 -0.19 0.00	35.39 -0.13 0.00	30.46 -0.14 0.00
HQ_GEN_WHEEL 23651	19.83 -0.11 0.00	20.74 -0.10 0.00	13.27 -0.08 0.00	14.10 -0.08 0.00	16.64 -0.08 0.00	24.85 -0.05 0.00	26.20 -0.05 0.00	25.29 -0.15 0.00	25.64 -0.14 0.00	26.93 -0.19 0.00	28.05 -0.22 0.00	29.45 -0.22 0.00	27.50 -0.22 0.00	27.65 -0.17 0.00	24.02 -0.12 0.00	22.16 -0.14 0.00	27.59 -0.25 0.23	53.15 -0.55 0.90	41.42 -0.41 0.69	32.62 -0.27 0.00	35.79 -0.28 0.00	35.23 -0.19 0.00	35.39 -0.13 0.00	30.46 -0.14 0.00
HUDSON_AVE_GT_3 23810	58.44 1.66 -36.85	39.97 1.78 -17.35	36.48 1.16 -21.97	31.85 1.22 -16.45	23.48 1.39 -5.37	27.12 1.99 -0.23	28.36 2.11 0.00	27.50 2.06 0.00	29.49 2.03 -1.69	30.93 2.22 -1.59	30.68 2.37 -0.04	32.10 2.42 0.00	30.04 2.31 0.00	30.14 2.32 0.00	26.23 2.10 0.00	24.15 1.84 0.00	30.36 2.29 0.00	58.91 4.31 0.00	45.93 3.41 0.00	35.58 2.69 0.00	38.94 2.87 0.00	38.10 2.69 0.00	38.13 2.61 0.00	32.91 2.32 0.00
HUDSON_AVE_GT_4 23540	58.44 1.66 -36.85	39.97 1.78 -17.35	36.48 1.16 -21.97	31.85 1.22 -16.45	23.48 1.39 -5.37	27.12 1.99 -0.23	28.36 2.11 0.00	27.50 2.06 0.00	29.49 2.03 -1.69	30.93 2.22 -1.59	30.68 2.37 -0.04	32.10 2.42 0.00	30.04 2.31 0.00	30.14 2.32 0.00	26.23 2.10 0.00	24.15 1.84 0.00	30.36 2.29 0.00	58.91 4.31 0.00	45.93 3.41 0.00	35.58 2.69 0.00	38.94 2.87 0.00	38.10 2.69 0.00	38.13 2.61 0.00	32.91 2.32 0.00
HUDSON_AVE_GT_5 23657	58.44 1.66 -36.85	39.97 1.78 -17.35	36.48 1.16 -21.97	31.85 1.22 -16.45	23.48 1.39 -5.37	27.12 1.99 -0.23	28.36 2.11 0.00	27.50 2.06 0.00	29.49 2.03 -1.69	30.93 2.22 -1.59	30.68 2.37 -0.04	32.10 2.42 0.00	30.04 2.31 0.00	30.14 2.32 0.00	26.23 2.10 0.00	24.15 1.84 0.00	30.36 2.29 0.00	58.91 4.31 0.00	45.93 3.41 0.00	35.58 2.69 0.00	38.94 2.87 0.00	38.10 2.69 0.00	38.13 2.61 0.00	32.91 2.32 0.00
HUDSON_AVE_10 24168	58.47 1.68 -36.85	40.01 1.82 -17.35	36.50 1.18 -21.97	31.87 1.24 -16.45	23.51 1.42 -5.37	27.17 2.04 -0.23	28.41 2.16 0.00	27.55 2.12 0.00	29.56 2.09 -1.69	30.98 2.28 -1.59	30.70 2.40 -0.04	32.10 2.43 0.00	30.04 2.31 0.00	30.09 2.27 0.00	26.20 2.06 0.00	24.14 1.83 0.00	30.34 2.27 0.00	59.56 4.21 -0.74	49.44 3.31 -3.60	37.14 2.62 -1.63	40.31 2.80 -1.45	38.28 2.65 -0.22	38.15 2.62 0.00	32.92 2.33 0.00
HUDSON___115KV_TB 4 355613	20.86 0.92 0.00	21.81 0.97 0.00	14.39 0.62 -0.41	14.84 0.66 0.00	17.49 0.77 0.00	26.00 1.10 0.00	27.43 1.19 0.00	26.63 1.20 0.00	27.02 1.25 0.00	28.62 1.50 0.00	29.68 1.40 0.00	31.12 1.45 0.00	29.00 1.28 0.00	28.94 1.13 0.00	25.03 0.89 0.00	23.19 0.88 0.00	29.04 0.97 0.00	56.89 2.29 0.00	44.56 2.04 0.00	34.40 1.51 0.00	37.71 1.65 0.00	36.91 1.50 0.00	37.04 1.51 0.00	31.90 1.30 0.00
HUNTER MOUNT___DRP 323613	20.91 0.97 0.00	21.86 1.02 0.00	14.41 0.65 -0.40	14.88 0.70 0.00	17.53 0.81 0.00	26.07 1.17 0.00	27.51 1.27 0.00	26.71 1.27 0.00	27.12 1.34 0.00	28.62 1.51 0.00	29.79 1.52 0.00	31.20 1.54 0.00	29.05 1.33 0.00	29.00 1.18 0.00	25.07 0.93 0.00	23.24 0.93 0.00	29.09 1.02 0.00	57.13 2.53 0.00	44.74 2.22 0.00	34.53 1.64 0.00	37.86 1.79 0.00	37.06 1.64 0.00	37.16 1.64 0.00	31.99 1.39 0.00
HUNTINGTON_RES_REC 323705	37.69 1.49 -16.26	22.54 1.80 0.10	13.70 1.22 0.87	14.53 1.28 0.93	18.10 1.38 0.00	26.70 1.82 0.01	28.28 2.04 0.00	27.20 1.77 0.00	27.38 1.72 0.12	30.29 1.62 -1.55	38.37 1.79 -8.31	36.54 1.89 -4.99	32.18 1.62 -2.83	34.41 1.70 -4.89	34.32 1.57 -8.62	25.20 1.36 -1.54	32.57 1.70 -2.80	79.68 3.36 -21.72	108.91 2.66 -63.73	68.82 2.11 -33.82	66.26 2.33 -27.86	46.54 2.16 -8.96	37.58 2.05 0.00	32.37 1.77 0.00
HUNTLEY___63 23557	18.15 -1.79 0.00	18.88 -1.96 0.00	12.10 -1.24 0.02	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.77 -2.48 0.00	23.35 -2.09 0.00	23.88 -1.90 0.00	22.62 -2.07 2.43	18.80 -2.34 7.13	17.72 -2.17 9.79	15.71 -1.92 10.10	18.55 -1.87 7.40	19.87 -1.76 2.51	20.54 -1.72 0.05	23.22 -2.40 2.45	33.77 -4.95 15.89	24.79 -3.47 14.26	26.78 -2.76 3.35	32.61 -3.30 0.16	32.39 -3.03 0.00	32.71 -2.81 0.00	28.08 -2.52 0.00
HUNTLEY___64 23558	18.15 -1.79 0.00	18.88 -1.96 0.00	12.10 -1.24 0.02	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.77 -2.48 0.00	23.35 -2.09 0.00	23.88 -1.90 0.00	22.62 -2.07 2.43	18.80 -2.34 7.13	17.72 -2.17 9.79	15.71 -1.92 10.10	18.55 -1.87 7.40	19.87 -1.76 2.51	20.54 -1.72 0.05	23.22 -2.40 2.45	33.77 -4.95 15.89	24.79 -3.47 14.26	26.78 -2.76 3.35	32.61 -3.30 0.16	32.39 -3.03 0.00	32.71 -2.81 0.00	28.08 -2.52 0.00
HUNTLEY___65 23559	18.15 -1.79 0.00	18.88 -1.96 0.00	12.10 -1.24 0.02	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.77 -2.48 0.00	23.35 -2.09 0.00	23.88 -1.90 0.00	22.62 -2.07 2.43	18.80 -2.34 7.13	17.72 -2.17 9.79	15.71 -1.92 10.10	18.55 -1.87 7.40	19.87 -1.76 2.51	20.54 -1.72 0.05	23.22 -2.40 2.45	33.77 -4.95 15.89	24.79 -3.47 14.26	26.78 -2.76 3.35	32.61 -3.30 0.16	32.39 -3.03 0.00	32.71 -2.81 0.00	28.08 -2.52 0.00
HUNTLEY___66 23560	18.15 -1.79 0.00	18.88 -1.96 0.00	12.10 -1.24 0.02	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.77 -2.48 0.00	23.35 -2.09 0.00	23.88 -1.90 0.00	22.62 -2.07 2.43	18.80 -2.34 7.13	17.72 -2.17 9.79	15.71 -1.92 10.10	18.55 -1.87 7.40	19.87 -1.76 2.51	20.54 -1.72 0.05	23.22 -2.40 2.45	33.77 -4.95 15.89	24.79 -3.47 14.26	26.78 -2.76 3.35	32.61 -3.30 0.16	32.39 -3.03 0.00	32.71 -2.81 0.00	28.08 -2.52 0.00

HUNTLEY___67 23561	18.13 -1.82 0.00	18.87 -1.98 0.00	12.07 -1.25 0.03	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.76 -2.48 0.00	23.32 -2.11 0.00	23.83 -1.95 0.00	22.17 -2.13 2.81	17.58 -2.43 8.27	16.05 -2.29 11.34	13.99 -2.04 11.70	17.26 -1.98 8.58	19.40 -1.83 2.91	20.49 -1.76 0.05	22.75 -2.47 2.84	31.07 -5.11 18.42	22.30 -3.69 16.54	26.14 -2.87 3.88	32.56 -3.32 0.18	32.36 -3.05 0.00	32.66 -2.87 0.00	28.06 -2.53 0.00
HUNTLEY___68 23562	18.13 -1.82 0.00	18.87 -1.98 0.00	12.07 -1.25 0.03	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.76 -2.48 0.00	23.32 -2.11 0.00	23.83 -1.95 0.00	22.17 -2.13 2.81	17.58 -2.43 8.27	16.05 -2.29 11.34	13.99 -2.04 11.70	17.26 -1.98 8.58	19.40 -1.83 2.91	20.49 -1.76 0.05	22.75 -2.47 2.84	31.07 -5.11 18.42	22.30 -3.69 16.54	26.14 -2.87 3.88	32.56 -3.32 0.18	32.36 -3.05 0.00	32.66 -2.87 0.00	28.06 -2.53 0.00
HYLAND___LFG 323620	19.32 -0.62 0.00	20.06 -0.78 0.00	13.17 -0.52 -0.34	13.64 -0.55 0.00	16.15 -0.58 0.00	24.02 -0.87 0.00	25.33 -0.92 0.00	24.92 -0.51 0.00	25.37 -0.40 0.00	35.81 -0.87 -9.56	55.11 -1.28 -28.11	66.51 -1.47 -38.31	66.24 -1.04 -39.55	55.56 -1.43 -29.16	32.69 -1.34 -9.89	21.36 -1.12 -0.18	36.55 -1.19 -9.67	115.10 -2.11 -62.60	97.19 -1.54 -56.20	45.20 -0.88 -13.19	35.86 -0.83 -0.62	34.58 -0.83 0.00	34.75 -0.78 0.00	29.85 -0.74 0.00
INDECK___CORINTH 23802	21.24 1.30 0.00	22.21 1.37 0.00	14.64 0.86 -0.43	15.10 0.92 0.00	17.78 1.06 0.00	26.42 1.52 0.00	27.89 1.64 0.00	27.10 1.66 0.00	27.45 1.68 0.00	29.00 1.89 0.00	30.26 1.98 0.00	31.69 2.02 0.00	29.59 1.86 0.00	29.53 1.71 0.00	25.40 1.26 0.00	23.51 1.20 0.00	29.79 1.73 0.00	58.15 3.55 0.00	45.10 2.58 0.00	34.81 1.92 0.00	38.29 2.22 0.00	37.68 2.27 0.00	37.61 2.08 0.00	32.37 1.77 0.00
INDECK___ILION 23567	20.15 0.20 0.00	21.05 0.21 0.00	13.48 0.12 0.00	14.31 0.13 0.00	16.88 0.15 0.00	25.09 0.19 0.00	26.42 0.17 0.00	25.68 0.24 0.00	25.94 0.16 0.00	27.37 0.25 0.00	28.66 0.39 0.00	29.96 0.29 0.00	27.94 0.22 0.00	27.88 0.06 0.00	24.12 -0.02 0.00	22.28 -0.02 0.00	28.33 0.15 -0.11	55.53 0.49 -0.44	43.16 0.30 -0.34	33.14 0.24 0.00	36.34 0.27 0.00	35.60 0.18 0.00	35.65 0.12 0.00	30.71 0.11 0.00
INDECK___OLEAN 23982	19.34 -0.60 0.00	20.10 -0.75 0.00	12.93 -0.48 -0.05	13.70 -0.49 0.00	16.19 -0.53 0.00	24.12 -0.77 0.00	25.41 -0.84 0.00	24.88 -0.56 0.00	25.70 -0.55 -0.48	26.23 -0.43 0.45	26.52 -0.44 1.31	27.85 -0.42 1.41	25.50 -0.34 1.89	26.03 -0.42 1.36	23.18 -0.50 0.46	21.52 -0.78 0.01	26.55 -1.07 0.45	49.84 -1.83 2.93	38.38 -1.51 2.63	30.94 -1.33 0.62	34.59 -1.46 0.03	34.01 -1.41 0.00	34.27 -1.25 0.00	29.62 -0.97 0.00
INDECK___OSWEGO 23783	19.38 -0.57 0.00	20.23 -0.62 0.00	12.99 -0.40 -0.03	13.76 -0.42 0.00	16.23 -0.49 0.00	24.13 -0.76 0.00	25.45 -0.80 0.00	24.75 -0.69 0.00	25.11 -0.67 0.00	26.41 -0.70 0.00	27.51 -0.77 0.00	28.87 -0.80 0.00	26.95 -0.78 0.00	27.05 -0.77 0.00	23.44 -0.70 0.00	21.69 -0.61 0.00	27.33 -0.74 0.00	53.18 -1.43 0.00	41.42 -1.10 0.00	32.03 -0.86 0.00	35.12 -0.95 0.00	34.44 -0.97 0.00	34.53 -1.00 0.00	29.71 -0.89 0.00
INDECK___YERKES 23781	18.17 -1.77 0.00	18.90 -1.94 0.00	12.10 -1.23 0.02	12.88 -1.30 0.00	15.21 -1.51 0.00	22.55 -2.34 0.00	23.78 -2.47 0.00	23.37 -2.07 0.00	23.91 -1.87 0.00	22.68 -2.01 2.43	18.85 -2.29 7.13	17.80 -2.09 9.79	15.77 -1.85 10.10	18.60 -1.82 7.40	19.90 -1.73 2.51	20.57 -1.69 0.05	23.25 -2.37 2.45	33.88 -4.83 15.89	24.88 -3.38 14.26	26.82 -2.73 3.35	32.65 -3.26 0.16	32.41 -3.01 0.00	32.75 -2.78 0.00	28.13 -2.47 0.00
INDIAN POINT_GT_1 24139	14.17 1.35 7.12	22.33 1.44 -0.04	15.18 0.94 -0.89	15.58 0.99 -0.41	17.85 1.12 0.00	26.53 1.63 -0.01	27.95 1.70 0.00	27.11 1.67 0.00	27.45 1.62 -0.05	28.95 1.79 -0.05	30.21 1.94 0.00	31.64 1.97 0.00	29.60 1.88 0.00	29.73 1.91 0.00	25.86 1.72 0.00	23.80 1.50 0.00	29.95 1.88 0.00	58.22 3.62 0.00	45.39 2.87 0.00	35.11 2.22 0.00	38.45 2.39 0.00	37.63 2.22 0.00	37.67 2.14 0.00	32.49 1.90 0.00
INDIAN POINT_GT_2 23659	14.17 1.35 7.12	22.33 1.44 -0.04	15.18 0.94 -0.89	15.58 0.99 -0.41	17.85 1.12 0.00	26.53 1.63 -0.01	27.95 1.70 0.00	27.11 1.67 0.00	27.45 1.62 -0.05	28.95 1.79 -0.05	30.21 1.94 0.00	31.64 1.97 0.00	29.60 1.88 0.00	29.73 1.91 0.00	25.86 1.72 0.00	23.80 1.50 0.00	29.95 1.88 0.00	58.22 3.62 0.00	45.39 2.87 0.00	35.11 2.22 0.00	38.45 2.39 0.00	37.63 2.22 0.00	37.67 2.14 0.00	32.49 1.90 0.00
INDIAN POINT_GT_3 24019	14.17 1.35 7.12	22.33 1.44 -0.04	15.18 0.94 -0.89	15.58 0.99 -0.41	17.85 1.12 0.00	26.53 1.63 -0.01	27.95 1.70 0.00	27.11 1.67 0.00	27.45 1.62 -0.05	28.95 1.79 -0.05	30.21 1.94 0.00	31.64 1.97 0.00	29.60 1.88 0.00	29.73 1.91 0.00	25.86 1.72 0.00	23.80 1.50 0.00	29.95 1.88 0.00	58.22 3.62 0.00	45.39 2.87 0.00	35.11 2.22 0.00	38.45 2.39 0.00	37.63 2.22 0.00	37.67 2.14 0.00	32.49 1.90 0.00
INDIAN POINT___2 23530	23.89 1.44 -2.51	23.10 1.55 -0.71	15.52 1.01 -1.15	15.85 1.06 -0.61	18.15 1.21 -0.22	26.65 1.74 -0.01	28.08 1.84 0.00	27.22 1.78 0.00	27.59 1.74 -0.08	29.09 1.90 -0.07	30.34 2.06 0.00	31.78 2.11 0.00	29.73 2.01 0.00	29.86 2.04 0.00	25.98 1.84 0.00	23.92 1.61 0.00	30.08 2.01 0.00	58.42 3.82 0.00	45.53 3.01 0.00	35.24 2.35 0.00	38.60 2.53 0.00	37.78 2.36 0.00	37.82 2.29 0.00	32.63 2.03 0.00
INDIAN POINT___3 23531	14.71 1.27 6.50	21.89 1.36 0.31	14.58 0.88 -0.35	15.11 0.92 0.00	17.67 1.05 0.11	26.43 1.53 0.00	27.84 1.60 0.00	27.00 1.57 0.00	27.32 1.50 -0.05	28.83 1.68 -0.04	30.10 1.83 0.00	31.52 1.85 0.00	29.50 1.77 0.00	29.63 1.81 0.00	25.77 1.63 0.00	23.71 1.41 0.00	29.82 1.75 0.00	57.98 3.38 0.00	45.20 2.68 0.00	34.96 2.07 0.00	38.29 2.22 0.00	37.46 2.04 0.00	37.50 1.97 0.00	32.36 1.76 0.00
INGHAM_C_115KV_TB7 356103	20.28 0.34 0.00	21.21 0.36 0.00	13.56 0.20 0.00	14.40 0.22 0.00	16.98 0.26 0.00	25.20 0.30 0.00	26.49 0.25 0.00	25.81 0.37 0.00	25.94 0.17 0.00	27.46 0.34 0.00	28.92 0.64 0.00	30.06 0.39 0.00	27.97 0.24 0.00	27.72 -0.09 0.00	23.92 -0.22 0.00	22.08 -0.22 0.00	28.31 0.13 -0.11	55.69 0.64 -0.44	43.31 0.44 -0.34	33.27 0.38 0.00	36.51 0.44 0.00	35.69 0.28 0.00	35.69 0.17 0.00	30.78 0.18 0.00
IP CORINTH___1 23988	21.24 1.30 0.00	22.21 1.37 0.00	14.64 0.86 -0.43	15.10 0.92 0.00	17.78 1.06 0.00	26.42 1.52 0.00	27.89 1.64 0.00	27.10 1.66 0.00	27.45 1.68 0.00	29.00 1.89 0.00	30.26 1.98 0.00	31.69 2.02 0.00	29.59 1.86 0.00	29.53 1.71 0.00	25.41 1.26 0.00	23.51 1.20 0.00	29.79 1.73 0.00	58.15 3.55 0.00	45.10 2.58 0.00	34.81 1.92 0.00	38.29 2.22 0.00	37.68 2.26 0.00	37.61 2.08 0.00	32.37 1.77 0.00

IP___TICONDEROGA 23804	21.95 2.01 0.00	23.05 2.21 0.00	15.14 1.36 -0.43	15.65 1.47 0.00	18.44 1.72 0.00	27.39 2.50 0.00	28.90 2.65 0.00	28.10 2.66 0.00	28.47 2.70 0.00	30.11 3.00 0.00	31.14 2.87 0.00	32.39 2.72 0.00	30.30 2.58 0.00	30.24 2.42 0.00	25.99 1.85 0.00	24.12 1.81 0.00	30.97 2.90 0.00	59.99 5.39 0.00	46.25 3.73 0.00	35.72 2.83 0.00	39.53 3.46 0.00	39.79 4.37 0.00	39.44 3.91 0.00	33.87 3.27 0.00
ISLIP_RES_REC 323679	37.89 1.68 -16.26	22.76 2.02 0.10	13.84 1.36 0.87	14.68 1.42 0.93	18.26 1.54 0.00	26.94 2.06 0.01	28.56 2.32 0.00	27.48 2.04 0.00	27.64 1.98 0.12	31.07 1.75 -2.21	57.05 1.91 -26.87	48.98 1.97 -17.34	39.66 1.69 -10.24	47.29 1.78 -17.69	46.72 1.63 -20.95	25.36 1.51 -1.54	32.77 1.90 -2.80	80.19 3.83 -21.75	109.40 3.02 -63.85	69.21 2.43 -33.88	66.83 2.72 -28.04	47.10 2.54 -9.15	37.90 2.37 0.00	32.60 2.00 0.00
JAMAICA__27_KV_LOAD 355505	58.63 1.84 -36.85	40.20 2.01 -17.35	36.62 1.30 -21.97	32.00 1.37 -16.45	23.66 1.57 -5.37	27.42 2.29 -0.23	28.67 2.42 0.00	27.83 2.39 0.00	29.86 2.40 -1.69	31.30 2.60 -1.59	30.92 2.61 -0.04	32.26 2.59 0.00	30.19 2.47 0.00	30.09 2.27 0.00	26.25 2.11 0.00	24.21 1.91 0.00	30.44 2.37 0.00	59.81 4.27 -0.93	50.34 3.30 -4.52	37.56 2.62 -2.05	40.72 2.84 -1.81	38.45 2.77 -0.27	38.39 2.86 0.00	33.15 2.55 0.00
JANIS___SOLAR 323808	19.96 0.02 0.00	20.84 0.00 0.00	13.48 0.02 -0.11	14.25 0.07 0.00	16.83 0.11 0.00	25.08 0.18 0.00	26.42 0.18 0.00	25.73 0.29 0.00	26.20 0.43 0.00	28.09 0.33 -0.64	30.42 0.25 -1.90	32.25 -0.02 -2.59	30.31 -0.09 -2.67	29.92 0.13 -1.97	24.56 -0.25 -0.67	22.25 -0.07 -0.01	29.13 0.42 -0.65	59.83 1.01 -4.22	47.05 0.74 -3.79	34.21 0.43 -0.89	36.64 0.53 -0.04	35.86 0.45 0.00	35.79 0.26 0.00	30.80 0.20 0.00
JARVIS____ 23743	20.03 0.08 0.00	20.92 0.08 0.00	13.41 0.05 0.00	14.24 0.06 0.00	16.79 0.06 0.00	24.97 0.07 0.00	26.33 0.09 0.00	25.56 0.12 0.00	25.87 0.09 0.00	27.23 0.12 0.00	28.42 0.14 0.00	29.82 0.15 0.00	27.85 0.12 0.00	27.90 0.08 0.00	24.21 0.07 0.00	22.36 0.06 0.00	28.29 0.11 -0.11	55.31 0.27 -0.44	43.04 0.18 -0.34	33.02 0.13 0.00	36.22 0.15 0.00	35.53 0.12 0.00	35.63 0.10 0.00	30.69 0.09 0.00
JENNISON___1 23625	19.78 -0.16 0.00	20.66 -0.18 0.00	13.42 -0.05 -0.12	14.20 0.02 0.00	16.80 0.07 0.00	25.06 0.16 0.00	26.32 0.08 0.00	25.62 0.18 0.00	26.04 0.26 0.00	27.25 0.14 0.00	28.49 0.22 0.00	29.75 0.08 0.00	27.63 -0.09 0.00	27.77 -0.05 0.00	24.37 0.23 0.00	22.55 0.24 0.00	28.69 0.62 0.00	56.03 1.42 0.00	42.93 0.41 0.00	32.92 0.03 0.00	36.28 0.21 0.00	35.56 0.14 0.00	35.38 -0.15 0.00	30.47 -0.13 0.00
JENNISON___2 23626	19.78 -0.16 0.00	20.66 -0.18 0.00	13.42 -0.05 -0.12	14.20 0.02 0.00	16.80 0.07 0.00	25.06 0.16 0.00	26.32 0.08 0.00	25.62 0.18 0.00	26.04 0.26 0.00	27.25 0.14 0.00	28.49 0.22 0.00	29.75 0.08 0.00	27.63 -0.09 0.00	27.77 -0.05 0.00	24.37 0.23 0.00	22.55 0.24 0.00	28.69 0.62 0.00	56.03 1.42 0.00	42.93 0.41 0.00	32.92 0.03 0.00	36.28 0.21 0.00	35.56 0.14 0.00	35.38 -0.15 0.00	30.47 -0.13 0.00
JERICHO_RISE_WT_PWR 323719	12.40 -0.72 6.82	20.14 -0.70 0.00	12.91 -0.45 0.00	13.72 -0.46 0.00	16.23 -0.49 0.00	24.42 -0.48 0.00	25.91 -0.33 0.00	16.45 -0.82 8.17	-20.63 -1.03 45.37	-24.80 -1.15 50.77	-24.90 -1.22 51.96	-25.27 -1.33 53.61	-24.87 -1.30 51.30	-24.86 -1.19 51.48	-24.57 -0.97 47.73	-24.43 -0.94 45.79	-24.74 -1.29 51.52	-26.40 -2.62 78.39	-25.57 -1.99 66.11	-25.27 -1.46 56.70	-25.51 -1.59 59.98	-20.58 -1.42 54.58	-25.48 -1.27 59.74	-25.11 -1.17 54.53
KATONAH___115KV_46KV_TB4 355592	20.54 1.41 0.82	22.31 1.51 0.04	14.69 0.98 -0.36	15.21 1.03 0.00	17.88 1.17 0.01	26.60 1.70 0.00	28.03 1.78 0.00	27.19 1.75 0.00	27.49 1.71 0.00	29.01 1.89 0.00	30.33 2.05 0.00	31.76 2.09 0.00	29.70 1.97 0.00	29.82 2.00 0.00	25.93 1.79 0.00	23.88 1.58 0.00	30.06 1.99 0.00	58.44 3.84 0.00	45.54 3.02 0.00	35.24 2.35 0.00	38.60 2.53 0.00	37.77 2.36 0.00	37.80 2.27 0.00	32.59 1.99 0.00
KCE_NY_1 323755	21.16 1.22 0.00	22.12 1.27 0.00	14.60 0.81 -0.43	15.04 0.86 0.00	17.76 1.04 0.00	26.56 1.66 0.00	28.03 1.79 0.00	27.12 1.68 0.00	27.33 1.55 0.00	28.82 1.71 0.00	30.10 1.83 0.00	31.57 1.90 0.00	29.47 1.75 0.00	29.43 1.61 0.00	25.37 1.22 0.00	23.49 1.18 0.00	29.65 1.59 0.00	58.02 3.41 0.00	44.98 2.46 0.00	34.70 1.81 0.00	38.17 2.10 0.00	37.49 2.07 0.00	37.46 1.93 0.00	32.29 1.69 0.00
KCE_NY_6_ESR 323823	18.35 -1.59 0.00	19.06 -1.78 0.00	12.18 -1.15 0.03	13.00 -1.19 0.00	15.35 -1.37 0.00	22.76 -2.13 0.00	24.00 -2.24 0.00	23.59 -1.85 0.00	24.09 -1.69 0.00	22.34 -1.83 2.94	17.53 -2.08 8.66	15.87 -1.93 11.87	13.74 -1.74 12.25	17.10 -1.73 8.99	19.48 -1.61 3.05	20.67 -1.58 0.05	22.93 -2.16 2.98	30.89 -4.42 19.29	22.01 -3.19 17.32	26.30 -2.53 4.06	32.97 -2.90 0.19	32.77 -2.65 0.00	33.05 -2.48 0.00	28.46 -2.13 0.00
KEDC_PORT_JEFF_GT2 24210	37.83 1.62 -16.26	22.70 1.96 0.10	13.81 1.32 0.87	14.64 1.38 0.93	18.22 1.50 0.00	26.87 1.98 0.01	28.48 2.24 0.00	27.40 1.96 0.00	27.57 1.91 0.12	30.42 1.70 -1.61	40.33 1.84 -10.21	37.84 1.91 -6.25	32.97 1.65 -3.59	35.76 1.74 -6.21	35.59 1.60 -9.85	25.30 1.47 -1.53	32.71 1.86 -2.78	79.89 3.72 -21.58	108.70 2.92 -63.26	68.80 2.34 -33.57	66.25 2.61 -27.58	46.63 2.43 -8.79	37.80 2.28 0.00	32.52 1.92 0.00
KEDC_PORT_JEFF_GT3 24211	37.83 1.62 -16.26	22.70 1.96 0.10	13.81 1.32 0.87	14.64 1.38 0.93	18.22 1.50 0.00	26.87 1.98 0.01	28.48 2.24 0.00	27.40 1.96 0.00	27.57 1.91 0.12	30.42 1.70 -1.61	40.33 1.84 -10.21	37.84 1.91 -6.25	32.97 1.65 -3.59	35.76 1.74 -6.21	35.59 1.60 -9.85	25.30 1.47 -1.53	32.71 1.86 -2.78	79.89 3.72 -21.58	108.70 2.92 -63.26	68.80 2.34 -33.57	66.25 2.61 -27.58	46.63 2.43 -8.79	37.80 2.28 0.00	32.52 1.92 0.00
KEDC_GLWD_GT4 24219	37.76 1.56 -16.26	22.48 1.74 0.10	13.64 1.16 0.87	14.47 1.22 0.93	18.06 1.35 0.00	26.76 1.88 0.01	28.28 2.04 0.00	27.32 1.89 0.00	27.53 1.88 0.12	31.47 2.03 -2.32	32.59 2.21 -2.10	33.35 2.28 -1.40	29.85 2.11 0.00	29.98 2.16 0.00	34.44 1.96 -8.35	26.67 1.72 -2.66	35.03 2.14 -4.83	97.86 4.07 -39.19	165.43 3.17 -119.73	98.53 2.39 -63.25	100.62 2.59 -61.96	67.71 2.48 -29.81	37.90 2.37 -0.01	32.68 2.08 0.00
KEDC_GLWD_GT5 24220	37.76 1.56 -16.26	22.48 1.74 0.10	13.64 1.16 0.87	14.47 1.22 0.93	18.06 1.35 0.00	26.76 1.88 0.01	28.28 2.04 0.00	27.32 1.89 0.00	27.53 1.88 0.12	31.47 2.03 -2.32	32.59 2.21 -2.10	33.35 2.28 -1.40	29.85 2.11 0.00	29.98 2.16 0.00	34.44 1.96 -8.35	26.67 1.72 -2.66	35.03 2.14 -4.83	97.86 4.07 -39.19	165.43 3.17 -119.73	98.53 2.39 -63.25	100.62 2.59 -61.96	67.71 2.48 -29.81	37.90 2.37 -0.01	32.68 2.08 0.00

KENSICO____ 23655	12.50 1.41 8.85	22.41 1.51 -0.05	15.36 0.98 -1.02	15.73 1.04 -0.51	17.91 1.18 0.00	26.62 1.71 -0.01	28.04 1.80 0.00	27.19 1.75 0.00	27.54 1.70 -0.06	29.04 1.87 -0.06	30.30 2.03 0.00	31.74 2.07 0.00	29.69 1.97 0.00	29.83 2.01 0.00	25.95 1.80 0.00	23.88 1.58 0.00	30.04 1.98 0.00	58.37 3.77 0.00	45.50 2.97 0.00	35.21 2.32 0.00	38.56 2.49 0.00	37.73 2.32 0.00	37.78 2.25 0.00	32.59 1.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.26 1.32 0.00	22.22 1.38 0.00	14.58 0.89 -0.33	15.13 0.94 0.00	17.80 1.08 0.00	26.46 1.56 0.00	27.89 1.64 0.00	27.06 1.62 0.00	27.36 1.58 0.00	28.87 1.76 0.00	30.15 1.88 0.00	31.51 1.83 0.00	29.38 1.65 0.00	29.46 1.64 0.00	25.62 1.47 0.00	23.59 1.29 0.00	29.90 1.83 0.00	58.29 3.69 0.00	45.47 2.95 0.00	35.20 2.31 0.00	38.56 2.50 0.00	37.75 2.33 0.00	37.73 2.20 0.00	32.52 1.92 0.00
KIAC_JFK_GT1 23816	58.52 1.73 -36.85	40.09 1.89 -17.35	36.55 1.22 -21.97	31.92 1.29 -16.45	23.58 1.48 -5.37	27.28 2.15 -0.23	28.53 2.28 0.00	27.69 2.25 0.00	29.71 2.25 -1.69	31.15 2.44 -1.59	30.76 2.45 -0.04	32.11 2.44 0.00	30.06 2.33 0.00	29.95 2.13 0.00	26.12 1.98 0.00	24.09 1.78 0.00	30.25 2.18 0.00	59.31 3.77 -0.93	49.95 2.90 -4.52	37.25 2.31 -2.05	40.38 2.50 -1.81	38.13 2.44 -0.27	38.18 2.65 0.00	32.97 2.38 0.00
KIAC_JFK_GT2 23817	58.52 1.73 -36.85	40.09 1.89 -17.35	36.55 1.22 -21.97	31.92 1.29 -16.45	23.58 1.48 -5.37	27.28 2.15 -0.23	28.53 2.28 0.00	27.69 2.25 0.00	29.71 2.25 -1.69	31.15 2.44 -1.59	30.76 2.45 -0.04	32.11 2.44 0.00	30.06 2.33 0.00	29.95 2.13 0.00	26.12 1.98 0.00	24.09 1.78 0.00	30.25 2.18 0.00	59.31 3.77 -0.93	49.95 2.90 -4.52	37.25 2.31 -2.05	40.38 2.50 -1.81	38.13 2.44 -0.27	38.18 2.65 0.00	32.97 2.38 0.00
KIAC_JFK____ 323774	58.54 1.76 -36.85	40.14 1.95 -17.35	36.58 1.26 -21.97	31.92 1.29 -16.45	23.58 1.48 -5.37	27.28 2.15 -0.23	28.52 2.28 0.00	27.69 2.25 0.00	29.71 2.25 -1.69	31.15 2.44 -1.59	30.76 2.45 -0.04	32.11 2.44 0.00	30.05 2.33 0.00	29.95 2.13 0.00	26.12 1.98 0.00	24.09 1.78 0.00	30.25 2.18 0.00	59.37 3.84 -0.93	49.98 2.93 -4.52	37.25 2.31 -2.05	40.44 2.56 -1.81	38.15 2.47 -0.27	38.18 2.65 0.00	32.97 2.38 0.00
KINTIGH____ 23543	18.37 -1.57 0.00	19.16 -1.68 0.00	12.30 -1.06 0.00	13.06 -1.12 0.00	15.42 -1.30 0.00	22.88 -2.01 0.00	24.12 -2.12 0.00	23.63 -1.81 0.00	24.13 -1.64 0.00	23.85 -1.82 1.45	21.91 -2.10 4.27	21.85 -1.95 5.88	19.93 -1.74 6.06	21.68 -1.71 4.43	21.08 -1.56 1.50	20.78 -1.50 0.03	24.47 -2.14 1.47	40.64 -4.46 9.51	30.75 -3.24 8.53	28.41 -2.48 2.00	33.09 -2.89 0.09	32.76 -2.66 0.00	33.02 -2.51 0.00	28.35 -2.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	12.98 -0.52 6.45	20.37 -0.48 0.00	13.05 -0.31 0.00	13.86 -0.32 0.00	16.40 -0.32 0.00	24.69 -0.21 0.00	26.16 -0.08 0.00	17.21 -0.50 7.73	-17.83 -0.71 42.90	-21.71 -0.82 48.00	-21.72 -0.87 49.12	-22.02 -1.00 50.69	-21.75 -0.97 48.51	-21.75 -0.88 48.68	-21.65 -0.66 45.13	-21.64 -0.65 43.30	-21.72 -0.98 48.81	-21.95 -2.06 74.49	-21.85 -1.58 62.80	-21.84 -1.12 53.61	-21.83 -1.18 56.72	-17.19 -0.99 51.61	-21.89 -0.93 56.49	-21.84 -0.87 51.57
LACHUTE__HYDRO 323717	21.95 2.01 0.00	23.05 2.21 0.00	15.14 1.36 -0.43	15.65 1.47 0.00	18.44 1.72 0.00	27.39 2.50 0.00	28.90 2.65 0.00	28.10 2.66 0.00	28.47 2.70 0.00	30.11 3.00 0.00	31.14 2.86 0.00	32.40 2.73 0.00	30.30 2.58 0.00	30.24 2.43 0.00	25.99 1.85 0.00	24.11 1.81 0.00	30.97 2.90 0.00	59.99 5.38 0.00	46.26 3.74 0.00	35.72 2.83 0.00	39.53 3.46 0.00	39.79 4.38 0.00	39.44 3.91 0.00	33.87 3.27 0.00
LAWRNCV_115KV_TB1 80681	20.38 -0.45 -0.89	20.38 -0.46 0.00	13.03 -0.32 0.00	13.85 -0.33 0.00	16.38 -0.34 0.00	24.48 -0.41 0.00	25.94 -0.31 0.00	25.98 -0.52 -1.06	31.15 -0.52 -5.90	33.05 -0.67 -6.60	34.24 -0.79 -6.76	35.85 -0.80 -6.97	33.56 -0.84 -6.67	33.77 -0.74 -6.69	29.73 -0.62 -6.21	27.66 -0.61 -5.96	32.53 -0.87 -5.34	57.80 -1.67 -4.87	45.76 -1.26 -4.49	39.42 -0.85 -7.38	42.98 -0.90 -7.81	41.77 -0.73 -7.08	42.67 -0.61 -7.75	37.02 -0.65 -7.07
LEDERLE____ 23769	16.86 1.28 4.37	21.98 1.35 0.21	14.57 0.87 -0.34	15.10 0.92 0.00	17.70 1.05 0.07	26.43 1.53 0.00	27.84 1.59 0.00	27.02 1.58 0.00	27.29 1.52 0.00	28.84 1.73 0.00	30.13 1.86 0.00	31.57 1.90 0.00	29.55 1.82 0.00	29.68 1.86 0.00	25.81 1.67 0.00	23.75 1.45 0.00	29.88 1.81 0.00	58.11 3.51 0.00	45.31 2.79 0.00	35.04 2.15 0.00	38.38 2.31 0.00	37.51 2.10 0.00	37.54 2.01 0.00	32.38 1.79 0.00
LIGHTHSE_115KV_TB6 355974	19.34 -0.60 0.00	20.15 -0.70 0.00	12.92 -0.46 -0.02	13.71 -0.47 0.00	16.19 -0.53 0.00	24.00 -0.90 0.00	25.38 -0.87 0.00	24.72 -0.71 0.00	25.10 -0.68 0.00	26.33 -0.79 0.00	27.39 -0.88 0.00	28.82 -0.85 0.00	26.76 -0.97 0.00	26.85 -0.97 0.00	23.27 -0.87 0.00	21.57 -0.73 0.00	27.16 -0.82 0.09	52.76 -1.50 0.34	41.06 -1.19 0.27	32.01 -0.88 0.00	35.12 -0.95 0.00	34.41 -1.00 0.00	34.54 -0.99 0.00	29.64 -0.96 0.00
LINDEN COGEN____ 23786	58.36 1.57 -36.85	39.90 1.71 -17.35	36.43 1.11 -21.97	31.80 1.16 -16.45	23.42 1.33 -5.37	27.02 1.90 -0.23	28.23 1.99 0.00	27.38 1.94 0.00	29.37 1.91 -1.69	30.80 2.09 -1.59	30.54 2.22 -0.04	31.94 2.27 0.00	29.90 2.17 0.00	30.01 2.19 0.00	26.12 1.98 0.00	24.02 1.72 0.00	30.20 2.14 0.00	58.60 3.99 0.00	45.70 3.18 0.00	35.41 2.52 0.00	38.74 2.67 0.00	37.89 2.47 0.00	37.93 2.40 0.00	32.74 2.14 0.00
LINDHRST_69_KV_BK1 356055	37.90 1.70 -16.26	22.72 1.98 0.10	13.81 1.33 0.87	14.65 1.40 0.93	18.23 1.52 0.00	26.93 2.04 0.01	28.52 2.28 0.00	27.46 2.03 0.00	27.65 1.99 0.12	30.58 2.01 -1.46	31.78 2.16 -1.36	32.54 2.23 -0.65	29.70 1.98 0.00	29.84 2.03 0.00	30.94 1.85 -4.95	25.65 1.63 -1.71	33.22 2.04 -3.12	83.05 3.93 -24.52	118.64 3.11 -73.01	74.09 2.47 -38.72	73.54 2.69 -34.78	52.09 2.52 -14.15	37.97 2.44 0.00	32.70 2.10 0.00
LIPA_MISC_IPP 23656	37.72 1.51 -16.26	22.64 1.90 0.10	13.76 1.28 0.87	14.59 1.34 0.93	18.17 1.45 0.00	26.79 1.90 0.01	28.39 2.14 0.00	27.32 1.88 0.00	27.46 1.80 0.12	27.19 1.45 1.37	-44.15 1.54 73.96	-18.43 1.61 49.71	-0.91 1.38 30.01	-22.56 1.46 51.85	-20.50 1.36 46.01	25.13 1.30 -1.53	32.49 1.66 -2.77	79.41 3.34 -21.47	108.09 2.65 -62.92	68.43 2.15 -33.39	65.82 2.43 -27.32	46.24 2.24 -8.60	37.54 2.01 0.00	32.29 1.69 0.00
LISF__SOLAR 323691	37.75 1.55 -16.26	22.68 1.94 0.10	13.79 1.31 0.87	14.62 1.37 0.93	18.19 1.48 0.00	26.83 1.95 0.01	28.44 2.19 0.00	27.36 1.92 0.00	27.50 1.84 0.12	25.83 1.44 2.73	-82.61 1.55 112.43	-44.00 1.62 75.28	-16.27 1.38 45.37	-49.09 1.47 78.38	-46.01 1.36 71.51	25.14 1.30 -1.53	32.51 1.67 -2.77	79.48 3.38 -21.50	108.23 2.70 -63.01	68.53 2.21 -33.44	65.95 2.50 -27.39	46.38 2.31 -8.65	37.60 2.08 0.00	32.33 1.73 0.00

LITTLE FALLS___HYD 24013	20.28 0.34 0.00	21.21 0.36 0.00	13.56 0.20 0.00	14.40 0.22 0.00	16.98 0.26 0.00	25.20 0.30 0.00	26.49 0.25 0.00	25.81 0.37 0.00	25.94 0.17 0.00	27.46 0.34 0.00	28.92 0.64 0.00	30.06 0.39 0.00	27.97 0.24 0.00	27.72 -0.09 0.00	23.92 -0.22 0.00	22.08 -0.22 0.00	28.31 0.13 -0.11	55.69 0.64 -0.44	43.31 0.44 -0.34	33.27 0.38 0.00	36.51 0.44 0.00	35.69 0.28 0.00	35.69 0.17 0.00	30.78 0.18 0.00
LITTLRIV_115KV_TB1 356100	20.76 -0.16 -0.97	20.69 -0.16 0.00	13.23 -0.13 0.00	14.05 -0.13 0.00	16.62 -0.10 0.00	24.85 -0.04 0.00	26.30 0.06 0.00	26.45 -0.15 -1.17	32.12 -0.14 -6.49	34.11 -0.27 -7.26	35.25 -0.46 -7.43	36.89 -0.45 -7.67	34.54 -0.53 -7.33	34.78 -0.40 -7.36	30.55 -0.41 -6.83	28.47 -0.39 -6.55	33.48 -0.59 -6.01	59.61 -0.90 -5.91	47.24 -0.65 -5.37	40.67 -0.33 -8.11	44.34 -0.31 -8.58	43.04 -0.16 -7.78	43.99 -0.05 -8.52	38.19 -0.18 -7.77
LI_NEWBRDGE___DRP 323616	37.63 1.43 -16.26	22.42 1.68 0.10	13.63 1.15 0.87	14.46 1.21 0.93	18.00 1.29 0.00	26.60 1.72 0.01	28.18 1.93 0.00	27.12 1.68 0.00	27.35 1.70 0.12	30.06 1.76 -1.19	31.28 1.89 -1.12	31.68 1.96 -0.05	29.48 1.76 0.00	29.63 1.81 0.00	29.03 1.64 -3.25	25.14 1.42 -1.42	32.39 1.75 -2.57	77.56 3.34 -19.61	101.70 2.63 -56.56	65.01 2.06 -30.07	60.95 2.22 -22.66	42.59 2.01 -5.16	37.48 1.95 0.01	32.31 1.71 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.99 -1.95 0.00	18.73 -2.11 0.00	12.01 -1.33 0.01	12.77 -1.42 0.00	15.08 -1.65 0.00	22.35 -2.55 0.00	23.59 -2.66 0.00	23.18 -2.25 0.00	23.73 -2.05 0.00	22.79 -2.23 2.10	19.58 -2.52 6.18	18.85 -2.33 8.48	16.91 -2.06 8.75	19.36 -2.05 6.40	20.02 -1.95 2.17	20.40 -1.87 0.04	23.40 -2.54 2.12	35.70 -5.15 13.75	26.50 -3.68 12.34	27.04 -2.95 2.90	32.37 -3.56 0.14	32.13 -3.29 0.00	32.46 -3.07 0.00	27.84 -2.76 0.00
LOCKPORT___CC1 323769	18.00 -1.94 0.00	18.73 -2.11 0.00	12.00 -1.33 0.02	12.77 -1.41 0.00	15.08 -1.64 0.00	22.36 -2.54 0.00	23.59 -2.65 0.00	23.18 -2.25 0.00	23.73 -2.05 0.00	22.65 -2.20 2.26	19.12 -2.51 6.64	18.24 -2.31 9.12	16.28 -2.04 9.41	18.89 -2.04 6.89	19.86 -1.94 2.34	20.40 -1.87 0.04	23.24 -2.55 2.28	34.67 -5.14 14.79	25.57 -3.68 13.28	26.80 -2.98 3.12	32.36 -3.57 0.15	32.12 -3.30 0.00	32.47 -3.06 0.00	27.87 -2.73 0.00
LOCKPORT___CC2 323770	18.00 -1.94 0.00	18.73 -2.11 0.00	12.00 -1.33 0.02	12.77 -1.41 0.00	15.08 -1.64 0.00	22.36 -2.54 0.00	23.59 -2.65 0.00	23.18 -2.25 0.00	23.73 -2.05 0.00	22.65 -2.20 2.26	19.12 -2.51 6.64	18.24 -2.31 9.12	16.28 -2.04 9.41	18.89 -2.04 6.89	19.86 -1.94 2.34	20.40 -1.87 0.04	23.24 -2.55 2.28	34.67 -5.14 14.79	25.57 -3.68 13.28	26.80 -2.98 3.12	32.36 -3.57 0.15	32.12 -3.30 0.00	32.47 -3.06 0.00	27.87 -2.73 0.00
LOCKPORT___CC3 323771	18.00 -1.94 0.00	18.73 -2.11 0.00	12.00 -1.33 0.02	12.77 -1.41 0.00	15.08 -1.64 0.00	22.36 -2.54 0.00	23.59 -2.65 0.00	23.18 -2.25 0.00	23.73 -2.05 0.00	22.65 -2.20 2.26	19.12 -2.51 6.64	18.24 -2.31 9.12	16.28 -2.04 9.41	18.89 -2.04 6.89	19.86 -1.94 2.34	20.40 -1.87 0.04	23.24 -2.55 2.28	34.67 -5.14 14.79	25.57 -3.68 13.28	26.80 -2.98 3.12	32.36 -3.57 0.15	32.12 -3.30 0.00	32.47 -3.06 0.00	27.87 -2.73 0.00
LONG_LAKE_PHOENIX 24014	19.49 -0.45 0.00	20.35 -0.49 0.00	13.06 -0.32 -0.03	13.85 -0.34 0.00	16.33 -0.40 0.00	24.28 -0.61 0.00	25.60 -0.65 0.00	24.89 -0.55 0.00	25.26 -0.51 0.00	26.60 -0.52 0.00	27.70 -0.57 0.00	29.07 -0.60 0.00	27.11 -0.62 0.00	27.24 -0.58 0.00	23.59 -0.55 0.00	21.85 -0.46 0.00	27.50 -0.57 0.00	53.55 -1.06 0.00	41.71 -0.82 0.00	32.24 -0.65 0.00	35.35 -0.72 0.00	34.65 -0.76 0.00	34.74 -0.79 0.00	29.89 -0.71 0.00
LOVETT___3 23632	16.28 1.22 4.87	21.90 1.30 0.24	14.54 0.84 -0.34	15.06 0.88 0.00	17.64 1.00 0.08	26.35 1.46 0.00	27.76 1.52 0.00	26.93 1.49 0.00	27.20 1.42 0.00	28.73 1.61 0.00	30.02 1.74 0.00	31.45 1.77 0.00	29.43 1.70 0.00	29.57 1.75 0.00	25.70 1.56 0.00	23.65 1.35 0.00	29.74 1.67 0.00	57.83 3.23 0.00	45.09 2.57 0.00	34.87 1.98 0.00	38.20 2.13 0.00	37.34 1.93 0.00	37.39 1.86 0.00	32.27 1.67 0.00
LOVETT___4 23642	16.28 1.22 4.87	21.90 1.30 0.24	14.54 0.84 -0.34	15.06 0.88 0.00	17.64 1.00 0.08	26.35 1.46 0.00	27.76 1.52 0.00	26.93 1.49 0.00	27.20 1.42 0.00	28.73 1.61 0.00	30.02 1.74 0.00	31.45 1.77 0.00	29.43 1.70 0.00	29.57 1.75 0.00	25.70 1.56 0.00	23.65 1.35 0.00	29.74 1.67 0.00	57.83 3.23 0.00	45.09 2.57 0.00	34.87 1.98 0.00	38.20 2.13 0.00	37.34 1.93 0.00	37.39 1.86 0.00	32.27 1.67 0.00
LOVETT___5 23593	16.28 1.22 4.87	21.90 1.30 0.24	14.54 0.84 -0.34	15.06 0.88 0.00	17.64 1.00 0.08	26.35 1.46 0.00	27.76 1.52 0.00	26.93 1.49 0.00	27.20 1.42 0.00	28.73 1.61 0.00	30.02 1.74 0.00	31.45 1.77 0.00	29.43 1.70 0.00	29.57 1.75 0.00	25.70 1.56 0.00	23.65 1.35 0.00	29.74 1.67 0.00	57.83 3.23 0.00	45.09 2.57 0.00	34.87 1.98 0.00	38.20 2.13 0.00	37.34 1.93 0.00	37.39 1.86 0.00	32.27 1.67 0.00
LOWER RAQUET___HYD 24057	20.42 -0.58 -1.06	20.24 -0.60 0.00	12.95 -0.41 0.00	13.76 -0.42 0.00	16.28 -0.44 0.00	24.33 -0.57 0.00	25.78 -0.46 0.00	26.03 -0.67 -1.27	32.13 -0.68 -7.04	34.14 -0.85 -7.87	35.35 -0.98 -8.06	36.98 -1.00 -8.31	34.65 -1.04 -7.96	34.86 -0.95 -7.99	30.75 -0.80 -7.41	28.64 -0.77 -7.10	33.65 -1.07 -6.64	59.48 -2.01 -6.90	47.20 -1.53 -6.20	40.64 -1.05 -8.80	44.26 -1.11 -9.31	42.92 -0.94 -8.45	43.94 -0.83 -9.24	38.19 -0.84 -8.43
LOWER___HUDSON 24059	20.79 0.85 0.00	21.74 0.90 0.00	14.36 0.58 -0.42	14.79 0.61 0.00	17.43 0.71 0.00	25.94 1.04 0.00	27.35 1.10 0.00	26.51 1.08 0.00	26.81 1.04 0.00	28.22 1.10 0.00	29.51 1.23 0.00	30.99 1.32 0.00	28.98 1.25 0.00	28.97 1.15 0.00	25.08 0.94 0.00	23.22 0.92 0.00	29.16 1.09 0.00	56.90 2.30 0.00	44.21 1.69 0.00	34.06 1.17 0.00	37.42 1.36 0.00	36.74 1.32 0.00	36.86 1.33 0.00	31.80 1.21 0.00
LOWVILLE_115KV_TB2 356335	19.71 -0.54 -0.30	20.08 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.52 0.00	16.22 -0.50 0.00	24.06 -0.84 0.00	25.66 -0.58 0.00	25.40 -0.41 -0.36	27.33 -0.47 -2.02	28.57 -0.81 -2.26	29.60 -0.99 -2.32	31.32 -0.74 -2.39	29.02 -0.99 -2.29	29.01 -1.11 -2.29	25.29 -0.98 -2.13	23.47 -0.87 -2.04	29.13 -0.92 -1.98	55.34 -1.52 -2.25	43.24 -1.28 -1.99	34.57 -0.85 -2.53	37.93 -0.81 -2.67	36.99 -0.85 -2.42	37.29 -0.90 -2.66	32.01 -1.01 -2.43
LUTHERFT_115KV_GLOB_FND_222 355753	21.16 1.22 0.00	22.11 1.27 0.00	14.60 0.81 -0.43	15.04 0.86 0.00	17.76 1.03 0.00	26.51 1.61 0.00	27.97 1.73 0.00	27.10 1.66 0.00	27.33 1.55 0.00	28.81 1.69 0.00	30.11 1.83 0.00	31.57 1.90 0.00	29.48 1.75 0.00	29.42 1.60 0.00	25.37 1.23 0.00	23.47 1.17 0.00	29.65 1.58 0.00	57.95 3.35 0.00	44.97 2.45 0.00	34.69 1.80 0.00	38.14 2.07 0.00	37.43 2.01 0.00	37.45 1.92 0.00	32.27 1.67 0.00

LUTHERNY_35_KV_BK2 355980	21.16 1.22 0.00	22.12 1.27 0.00	14.60 0.81 -0.43	15.04 0.86 0.00	17.76 1.04 0.00	26.56 1.66 0.00	28.03 1.79 0.00	27.12 1.68 0.00	27.33 1.55 0.00	28.82 1.70 0.00	30.10 1.83 0.00	31.57 1.90 0.00	29.47 1.74 0.00	29.43 1.61 0.00	25.37 1.22 0.00	23.49 1.18 0.00	29.65 1.59 0.00	58.01 3.41 0.00	44.98 2.46 0.00	34.70 1.81 0.00	38.17 2.10 0.00	37.48 2.07 0.00	37.46 1.93 0.00	32.29 1.69 0.00
LWR___OSWEGATCHIE_HYD 23850	20.01 -0.64 -0.72	20.08 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.53 0.00	16.18 -0.55 0.00	24.08 -0.82 0.00	25.59 -0.66 0.00	25.64 -0.66 -0.86	29.87 -0.68 -4.78	31.53 -0.93 -5.35	32.64 -1.10 -5.47	34.31 -1.01 -5.64	31.97 -1.16 -5.40	32.09 -1.15 -5.42	28.16 -1.01 -5.03	26.22 -0.91 -4.82	31.51 -1.09 -4.54	57.43 -1.96 -4.78	45.25 -1.56 -4.29	37.79 -1.07 -5.97	41.29 -1.09 -6.32	40.11 -1.03 -5.73	40.81 -0.99 -6.27	35.28 -1.04 -5.73
LYONS_FALL_HYD 23570	19.94 -0.20 -0.20	20.50 -0.35 0.00	13.13 -0.24 -0.01	13.94 -0.24 0.00	16.51 -0.21 0.00	24.52 -0.38 0.00	26.04 -0.21 0.00	25.61 -0.07 -0.24	27.03 -0.10 -1.36	28.36 -0.28 -1.52	29.46 -0.37 -1.56	31.06 -0.21 -1.60	28.86 -0.41 -1.54	28.86 -0.50 -1.54	25.13 -0.44 -1.43	23.25 -0.42 -1.37	29.09 -0.35 -1.37	55.82 -0.46 -1.68	43.58 -0.41 -1.46	34.34 -0.25 -1.70	37.66 -0.20 -1.80	36.78 -0.27 -1.63	36.98 -0.33 -1.78	31.77 -0.46 -1.63
MADISON___COUNTY_LFGE 323628	20.19 0.25 0.00	21.06 0.21 0.00	13.51 0.13 -0.02	14.32 0.14 0.00	16.91 0.19 0.00	25.17 0.28 0.00	26.56 0.32 0.00	25.86 0.42 0.00	26.19 0.42 0.00	27.57 0.46 0.00	28.75 0.48 0.00	30.16 0.48 0.00	28.08 0.35 0.00	28.16 0.34 0.00	24.46 0.32 0.00	22.49 0.18 0.00	28.52 0.45 0.00	55.66 1.06 0.00	43.37 0.85 0.00	33.52 0.63 0.00	36.74 0.67 0.00	35.98 0.57 0.00	36.01 0.48 0.00	30.93 0.33 0.00
MALONE___115KV_TB1 356076	23.89 -0.58 -4.53	20.27 -0.57 0.00	12.98 -0.37 0.00	13.80 -0.38 0.00	16.32 -0.40 0.00	24.52 -0.38 0.00	26.02 -0.22 0.00	30.23 -0.63 -5.43	55.15 -0.76 -30.13	59.97 -0.86 -33.71	61.86 -0.92 -34.50	64.21 -1.06 -35.60	60.71 -1.08 -34.07	61.06 -0.95 -34.19	55.10 -0.75 -31.71	51.98 -0.75 -30.42	58.98 -1.06 -31.97	95.80 -2.08 -43.28	78.11 -1.56 -37.14	69.45 -1.12 -37.68	74.72 -1.20 -39.86	70.54 -1.04 -36.16	74.16 -0.93 -39.56	65.80 -0.91 -36.11
MAPLEWOD_115KV_TB3 80458	20.75 0.81 0.00	21.70 0.85 0.00	14.33 0.56 -0.42	14.77 0.58 0.00	17.39 0.67 0.00	25.86 0.96 0.00	27.26 1.02 0.00	26.43 1.00 0.00	26.75 0.98 0.00	28.12 1.01 0.00	29.47 1.20 0.00	30.93 1.26 0.00	28.92 1.19 0.00	28.93 1.11 0.00	25.08 0.94 0.00	23.21 0.90 0.00	29.13 1.06 0.00	56.84 2.24 0.00	44.21 1.69 0.00	34.10 1.21 0.00	37.41 1.35 0.00	36.69 1.28 0.00	36.83 1.30 0.00	31.78 1.18 0.00
MAPLE_RIDGE_WT_1 323574	19.42 -0.52 0.00	20.24 -0.60 0.00	12.99 -0.36 0.00	13.80 -0.38 0.00	16.33 -0.39 0.00	24.37 -0.53 0.00	25.80 -0.45 0.00	24.99 -0.45 0.00	25.21 -0.57 0.00	26.46 -0.66 0.00	27.44 -0.84 0.00	28.96 -0.71 0.00	26.99 -0.74 0.00	27.01 -0.81 0.00	23.50 -0.64 0.00	21.64 -0.66 0.00	24.72 -0.88 2.47	43.32 -1.64 9.64	33.71 -1.38 7.43	31.93 -0.96 0.00	35.12 -0.95 0.00	34.56 -0.86 0.00	34.79 -0.74 0.00	29.87 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	19.42 -0.52 0.00	20.24 -0.60 0.00	12.99 -0.36 0.00	13.80 -0.38 0.00	16.33 -0.39 0.00	24.37 -0.53 0.00	25.80 -0.45 0.00	24.99 -0.45 0.00	25.21 -0.57 0.00	26.46 -0.66 0.00	27.44 -0.84 0.00	28.96 -0.71 0.00	26.99 -0.74 0.00	27.01 -0.81 0.00	23.50 -0.64 0.00	21.64 -0.66 0.00	24.72 -0.88 2.47	43.32 -1.64 9.64	33.71 -1.38 7.43	31.93 -0.96 0.00	35.12 -0.95 0.00	34.56 -0.86 0.00	34.79 -0.74 0.00	29.87 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	12.94 -0.68 6.32	20.19 -0.65 0.00	12.94 -0.41 0.00	13.76 -0.43 0.00	16.28 -0.45 0.00	24.47 -0.43 0.00	25.96 -0.28 0.00	17.11 -0.75 7.57	-17.24 -0.96 42.05	-21.00 -1.06 47.05	-21.00 -1.12 48.15	-21.22 -1.20 49.69	-21.00 -1.18 47.55	-21.00 -1.10 47.72	-21.00 -0.90 44.24	-21.00 -0.86 42.44	-21.00 -1.19 47.88	-21.00 -2.45 73.15	-21.00 -1.86 61.66	-21.00 -1.34 52.55	-21.00 -1.48 55.59	-16.52 -1.34 50.59	-21.00 -1.15 55.38	-21.00 -1.05 50.55
MARSHVLE_115KV_TB1 80742	20.77 0.83 0.00	21.67 0.83 0.00	14.36 0.52 -0.49	14.73 0.55 0.00	17.38 0.66 0.00	25.83 0.94 0.00	27.29 1.05 0.00	26.50 1.06 0.00	26.81 1.03 0.00	28.24 1.13 0.00	29.51 1.23 0.00	30.79 1.12 0.00	28.54 0.81 0.00	28.37 0.55 0.00	24.57 0.43 0.00	22.62 0.32 0.00	28.63 0.56 0.00	56.37 1.77 0.00	44.06 1.54 0.00	34.28 1.39 0.00	37.60 1.53 0.00	36.88 1.47 0.00	36.92 1.40 0.00	31.69 1.09 0.00
MARSH_HILL_WT_PWR 323713	18.32 -1.62 0.00	19.00 -1.85 0.00	12.43 -1.27 -0.34	12.86 -1.32 0.00	15.30 -1.42 0.00	22.84 -2.06 0.00	24.06 -2.19 0.00	23.64 -1.80 0.00	23.88 -2.00 -0.10	34.22 -2.29 -9.39	53.31 -2.57 -27.61	64.83 -2.58 -37.73	64.42 -2.17 -38.86	53.99 -2.47 -28.64	31.36 -2.48 -9.71	20.51 -1.98 -0.18	34.73 -2.84 -9.50	110.82 -5.26 -61.48	93.83 -3.88 -55.19	42.77 -3.07 -12.95	33.43 -3.24 -0.61	32.15 -3.26 0.00	32.64 -2.89 0.00	28.27 -2.33 0.00
MCINTYRE_115KV_TB2 80467	20.88 0.10 -0.84	20.96 0.12 0.00	13.40 0.05 0.00	14.24 0.05 0.00	16.84 0.12 0.00	25.18 0.29 0.00	26.61 0.36 0.00	26.60 0.15 -1.01	31.56 0.19 -5.60	33.48 0.09 -6.27	34.55 -0.14 -6.41	36.19 -0.10 -6.62	33.84 -0.22 -6.33	34.11 -0.07 -6.36	29.89 -0.14 -5.89	27.82 -0.15 -5.66	32.75 -0.32 -4.99	58.66 -0.27 -4.33	46.43 -0.13 -4.04	39.99 0.09 -7.01	43.65 0.17 -7.41	42.45 0.32 -6.72	43.31 0.43 -7.36	37.53 0.22 -6.71
MECO_____69_KV_BK1 80468	21.07 1.13 0.00	21.98 1.14 0.00	14.53 0.71 -0.47	14.94 0.76 0.00	17.62 0.90 0.00	26.22 1.33 0.00	27.69 1.45 0.00	26.90 1.46 0.00	27.10 1.33 0.00	28.53 1.42 0.00	30.02 1.74 0.00	31.23 1.56 0.00	28.86 1.13 0.00	28.42 0.60 0.00	24.51 0.37 0.00	22.75 0.45 0.00	28.75 0.68 0.00	57.08 2.48 0.00	44.89 2.37 0.00	34.92 2.03 0.00	38.29 2.22 0.00	37.51 2.10 0.00	37.54 2.01 0.00	32.21 1.61 0.00
MENANDS___115KV_TB5 355628	20.68 0.74 0.00	21.63 0.78 0.00	14.29 0.52 -0.42	14.72 0.54 0.00	17.34 0.62 0.00	25.78 0.89 0.00	27.18 0.93 0.00	26.35 0.91 0.00	26.66 0.88 0.00	28.02 0.90 0.00	29.36 1.08 0.00	30.81 1.13 0.00	28.81 1.08 0.00	28.84 1.02 0.00	25.02 0.88 0.00	23.14 0.83 0.00	29.04 0.97 0.00	56.58 1.98 0.00	44.02 1.49 0.00	33.94 1.05 0.00	37.24 1.17 0.00	36.51 1.09 0.00	36.67 1.14 0.00	31.64 1.05 0.00
MG INDUSTRY___DRP 24185	20.64 0.69 0.00	21.58 0.74 0.00	14.26 0.49 -0.41	14.70 0.52 0.00	17.32 0.60 0.00	25.75 0.85 0.00	27.14 0.90 0.00	26.31 0.87 0.00	26.59 0.82 0.00	27.96 0.84 0.00	29.28 1.01 0.00	30.69 1.02 0.00	28.67 0.94 0.00	28.64 0.82 0.00	24.86 0.72 0.00	22.97 0.66 0.00	28.85 0.78 0.00	56.34 1.74 0.00	43.91 1.39 0.00	33.91 1.02 0.00	37.18 1.12 0.00	36.46 1.04 0.00	36.59 1.06 0.00	31.55 0.95 0.00

MID___OSWEGATCHIE_HYD 23849	20.01 -0.64 -0.72	20.08 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.53 0.00	16.18 -0.55 0.00	24.08 -0.82 0.00	25.59 -0.66 0.00	25.64 -0.66 -0.86	29.87 -0.68 -4.78	31.53 -0.93 -5.35	32.64 -1.10 -5.47	34.31 -1.01 -5.64	31.97 -1.16 -5.40	32.09 -1.15 -5.42	28.16 -1.01 -5.03	26.22 -0.91 -4.82	31.51 -1.09 -4.54	57.43 -1.96 -4.78	45.25 -1.56 -4.29	37.79 -1.07 -5.97	41.29 -1.09 -6.32	40.11 -1.03 -5.73	40.81 -0.99 -6.27	35.28 -1.04 -5.73
MID___RAQUETTE_HYD 23851	20.42 -0.58 -1.06	20.24 -0.60 0.00	12.95 -0.41 0.00	13.76 -0.42 0.00	16.28 -0.44 0.00	24.33 -0.57 0.00	25.78 -0.46 0.00	26.03 -0.67 -1.27	32.13 -0.68 -7.04	34.15 -0.84 -7.87	35.35 -0.98 -8.06	36.99 -0.99 -8.31	34.65 -1.03 -7.96	34.86 -0.94 -7.99	30.74 -0.80 -7.41	28.64 -0.77 -7.10	33.64 -1.07 -6.64	59.48 -2.02 -6.90	47.20 -1.52 -6.20	40.64 -1.05 -8.80	44.27 -1.11 -9.31	42.92 -0.94 -8.45	43.94 -0.83 -9.24	38.19 -0.84 -8.43
MILLIKEN___1 23584	19.99 0.05 0.00	20.86 0.01 0.00	13.46 0.02 -0.09	14.21 0.03 0.00	16.75 0.02 0.00	24.92 0.02 0.00	26.28 0.04 0.00	25.59 0.15 0.00	25.99 0.21 0.00	28.01 0.20 -0.69	30.45 0.15 -2.03	32.50 0.04 -2.79	30.63 0.02 -2.88	30.08 0.15 -2.11	24.70 -0.16 -0.71	22.30 -0.01 -0.01	28.94 0.17 -0.70	59.52 0.38 -4.53	47.01 0.42 -4.06	34.15 0.30 -0.95	36.44 0.33 -0.05	35.64 0.23 0.00	35.66 0.13 0.00	30.68 0.08 0.00
MILLIKEN___2 23585	19.99 0.05 0.00	20.86 0.01 0.00	13.46 0.02 -0.09	14.21 0.03 0.00	16.75 0.02 0.00	24.92 0.02 0.00	26.28 0.04 0.00	25.59 0.15 0.00	25.99 0.21 0.00	28.01 0.20 -0.69	30.45 0.15 -2.03	32.50 0.04 -2.79	30.63 0.02 -2.88	30.08 0.15 -2.11	24.70 -0.16 -0.71	22.30 -0.01 -0.01	28.94 0.17 -0.70	59.52 0.38 -4.53	47.01 0.42 -4.06	34.15 0.30 -0.95	36.44 0.33 -0.05	35.64 0.23 0.00	35.66 0.13 0.00	30.68 0.08 0.00
MILLIKEN___DIESEL 23629	19.99 0.05 0.00	20.86 0.01 0.00	13.46 0.02 -0.09	14.21 0.03 0.00	16.75 0.02 0.00	24.92 0.02 0.00	26.28 0.04 0.00	25.59 0.15 0.00	25.99 0.21 0.00	28.01 0.20 -0.69	30.45 0.15 -2.03	32.50 0.04 -2.79	30.63 0.02 -2.88	30.08 0.15 -2.11	24.70 -0.16 -0.71	22.30 -0.01 -0.01	28.94 0.17 -0.70	59.52 0.38 -4.53	47.01 0.42 -4.06	34.15 0.30 -0.95	36.44 0.33 -0.05	35.64 0.23 0.00	35.66 0.13 0.00	30.68 0.08 0.00
MILLSEAT___LFGE 323607	18.42 -1.52 0.00	19.17 -1.67 0.00	12.29 -1.06 0.00	13.06 -1.12 0.00	15.42 -1.31 0.00	22.89 -2.01 0.00	24.15 -2.09 0.00	23.72 -1.72 0.00	24.30 -1.47 0.00	23.77 -1.60 1.75	21.13 -2.00 5.14	20.81 -1.79 7.08	18.94 -1.49 7.30	20.79 -1.70 5.33	20.73 -1.60 1.81	20.83 -1.44 0.03	24.38 -1.92 1.77	39.28 -3.88 11.44	29.56 -2.69 10.28	28.33 -2.15 2.41	33.30 -2.65 0.11	32.96 -2.46 0.00	33.24 -2.29 0.00	28.50 -2.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	14.18 1.35 7.12	22.34 1.45 -0.04	15.19 0.94 -0.89	15.59 0.99 -0.41	17.86 1.13 0.00	26.54 1.64 -0.01	27.96 1.72 0.00	27.11 1.68 0.00	27.45 1.62 -0.05	28.95 1.79 -0.05	30.22 1.94 0.00	31.66 1.99 0.00	29.61 1.89 0.00	29.74 1.92 0.00	25.87 1.73 0.00	23.82 1.51 0.00	29.95 1.89 0.00	58.22 3.62 0.00	45.38 2.86 0.00	35.11 2.22 0.00	38.45 2.39 0.00	37.63 2.21 0.00	37.67 2.14 0.00	32.49 1.90 0.00
MILLWOOD_13_KV_LOAD 356217	14.20 1.37 7.12	22.36 1.47 -0.04	15.20 0.96 -0.89	15.60 1.01 -0.41	17.87 1.15 0.00	26.56 1.66 -0.01	27.99 1.75 0.00	27.14 1.70 0.00	27.49 1.65 -0.05	28.98 1.82 -0.05	30.25 1.98 0.00	31.69 2.02 0.00	29.64 1.92 0.00	29.76 1.94 0.00	25.89 1.75 0.00	23.84 1.53 0.00	29.99 1.92 0.00	58.30 3.69 0.00	45.45 2.93 0.00	35.16 2.27 0.00	38.51 2.44 0.00	37.68 2.27 0.00	37.71 2.18 0.00	32.54 1.94 0.00
MODEL_CITY_ENERGY 24167	17.82 -2.13 0.00	18.54 -2.30 0.00	11.89 -1.45 0.02	12.65 -1.53 0.00	14.93 -1.79 0.00	22.13 -2.77 0.00	23.36 -2.89 0.00	22.95 -2.48 0.00	23.51 -2.27 0.00	22.49 -2.42 2.21	19.11 -2.68 6.48	18.29 -2.48 8.90	16.35 -2.19 9.19	18.90 -2.19 6.73	19.75 -2.11 2.28	20.21 -2.05 0.04	23.08 -2.76 2.23	34.68 -5.48 14.44	25.63 -3.93 12.97	26.62 -3.23 3.04	32.01 -3.92 0.14	31.77 -3.64 0.00	32.15 -3.38 0.00	27.58 -3.02 0.00
MODERN_LFGE___ 323580	17.82 -2.13 0.00	18.54 -2.30 0.00	11.89 -1.45 0.02	12.65 -1.53 0.00	14.93 -1.79 0.00	22.13 -2.77 0.00	23.36 -2.89 0.00	22.95 -2.48 0.00	23.51 -2.27 0.00	22.49 -2.42 2.21	19.11 -2.68 6.48	18.29 -2.48 8.90	16.35 -2.19 9.19	18.90 -2.19 6.73	19.75 -2.11 2.28	20.21 -2.05 0.04	23.08 -2.76 2.23	34.68 -5.48 14.44	25.63 -3.93 12.97	26.62 -3.23 3.04	32.01 -3.92 0.14	31.77 -3.64 0.00	32.15 -3.38 0.00	27.58 -3.02 0.00
MOHAWK_PAPER___DRP 24187	20.75 0.81 0.00	21.70 0.85 0.00	14.33 0.56 -0.42	14.77 0.58 0.00	17.39 0.67 0.00	25.86 0.96 0.00	27.26 1.02 0.00	26.43 1.00 0.00	26.75 0.98 0.00	28.12 1.01 0.00	29.47 1.20 0.00	30.93 1.26 0.00	28.92 1.19 0.00	28.93 1.11 0.00	25.08 0.94 0.00	23.21 0.90 0.00	29.13 1.06 0.00	56.84 2.24 0.00	44.21 1.69 0.00	34.10 1.21 0.00	37.41 1.35 0.00	36.69 1.28 0.00	36.83 1.30 0.00	31.78 1.18 0.00
MOHICAN___35_KV_115KV_LD 80490	21.31 1.37 0.00	22.29 1.45 0.00	14.69 0.91 -0.43	15.15 0.96 0.00	17.85 1.13 0.00	26.54 1.64 0.00	28.01 1.77 0.00	27.21 1.78 0.00	27.54 1.77 0.00	29.09 1.98 0.00	30.34 2.06 0.00	31.76 2.09 0.00	29.66 1.93 0.00	29.61 1.79 0.00	25.47 1.32 0.00	23.59 1.29 0.00	29.91 1.84 0.00	58.37 3.77 0.00	45.27 2.75 0.00	34.92 2.03 0.00	38.42 2.35 0.00	37.65 2.24 0.00	37.62 2.09 0.00	32.38 1.78 0.00
MONGAUP___HYD 23641	18.90 1.14 2.19	21.93 1.20 0.11	14.45 0.77 -0.32	14.99 0.81 0.00	17.60 0.92 0.04	26.25 1.35 0.00	27.66 1.41 0.00	26.80 1.36 0.00	27.06 1.28 0.00	28.56 1.44 0.00	29.70 1.43 0.00	31.09 1.42 0.00	28.91 1.18 0.00	29.03 1.21 0.00	25.21 1.06 0.00	23.24 0.93 0.00	29.42 1.35 0.00	57.24 2.64 0.00	44.93 2.41 0.00	34.69 1.79 0.00	38.07 2.01 0.00	37.47 2.05 0.00	37.44 1.92 0.00	32.24 1.65 0.00
MONTAUK___DIESEL 23721	37.11 0.91 -16.26	22.02 1.28 0.10	13.36 0.88 0.87	14.16 0.90 0.93	17.65 0.93 0.00	26.04 1.15 0.01	27.71 1.46 0.00	26.65 1.21 0.00	26.76 1.11 0.12	26.26 0.65 1.50	-48.43 1.01 77.71	-21.88 0.65 52.20	-3.29 0.49 31.51	-25.92 0.69 54.43	-23.71 0.64 48.49	24.48 0.65 -1.53	31.73 0.90 -2.77	78.09 2.01 -21.48	107.22 1.75 -62.95	67.83 1.54 -33.41	65.19 1.77 -27.35	45.55 1.52 -8.62	36.71 1.18 0.00	31.50 0.90 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.29 -1.65 0.00	18.77 -2.07 0.00	12.02 -1.33 0.00	12.84 -1.34 0.00	15.41 -1.32 0.00	23.18 -1.72 0.00	24.31 -1.94 0.00	23.38 -2.06 0.00	21.88 -2.00 1.90	23.55 -1.66 1.90	20.73 -1.96 5.58	18.33 -1.98 9.36	17.93 -1.89 7.91	20.15 -1.88 5.79	20.58 -1.59 1.96	20.59 -1.68 0.04	23.72 -2.43 1.92	37.44 -4.72 12.44	27.82 -3.54 11.17	28.11 -2.16 2.62	34.23 -1.72 0.12	33.73 -1.69 0.00	33.55 -1.99 0.00	29.55 -1.05 0.00

MORRIS_RIDGE___SOLAR 323848	18.49 -1.46 0.00	19.14 -1.70 0.00	11.91 -1.11 0.33	13.02 -1.17 0.00	15.43 -1.29 0.00	22.95 -1.95 0.00	24.20 -2.04 0.00	23.76 -1.68 0.00	24.06 -1.71 0.00	11.71 -1.91 13.49	-13.63 -2.23 39.68	-26.74 -2.22 54.20	-30.12 -1.90 55.94	-15.50 -2.15 41.17	8.13 -2.06 13.96	20.26 -1.79 0.26	12.13 -2.29 13.65	-38.11 -4.34 88.37	-40.07 -3.26 79.34	11.65 -2.62 18.62	32.41 -2.78 0.88	32.71 -2.70 0.00	33.00 -2.53 0.00	28.58 -2.02 0.00
MORTIMER_115KV_TB3 55949	18.89 -1.05 0.00	19.71 -1.14 0.00	12.67 -0.72 -0.04	13.42 -0.77 0.00	15.84 -0.89 0.00	23.53 -1.37 0.00	24.82 -1.43 0.00	24.26 -1.18 0.00	24.75 -1.02 0.00	25.98 -1.14 0.00	26.88 -1.40 0.00	28.37 -1.30 0.00	26.60 -1.13 0.00	26.67 -1.15 0.00	23.12 -1.02 0.00	21.38 -0.92 0.00	26.76 -1.31 0.00	51.82 -2.78 0.00	40.53 -1.99 0.00	31.39 -1.50 0.00	34.32 -1.75 0.00	33.78 -1.63 0.00	33.94 -1.58 0.00	29.13 -1.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	58.16 1.57 -36.64	44.95 1.69 -22.42	43.35 1.10 -28.90	37.06 1.16 -21.72	24.97 1.32 -6.93	27.11 1.91 -0.30	28.26 2.01 0.00	27.40 1.96 0.00	30.06 1.92 -2.36	31.44 2.10 -2.23	30.59 2.26 -0.05	31.99 2.32 0.00	29.93 2.20 0.00	30.03 2.21 0.00	26.14 2.00 0.00	24.07 1.76 0.00	30.26 2.19 0.00	58.73 4.13 0.00	45.80 3.27 0.00	35.46 2.57 0.00	38.82 2.75 0.00	37.98 2.57 0.00	38.02 2.49 0.00	32.81 2.22 0.00
MUNSVILLE_WIND_PWR 323609	19.83 -0.11 0.00	20.74 -0.10 0.00	13.46 -0.01 -0.12	14.29 0.11 0.00	16.89 0.17 0.00	25.21 0.31 0.00	26.55 0.31 0.00	25.89 0.46 0.00	26.42 0.65 0.00	28.04 0.43 -0.50	30.25 0.50 -1.47	31.98 0.31 -2.01	29.83 0.03 -2.07	29.50 0.16 -1.53	24.76 0.11 -0.52	22.50 0.19 -0.01	29.52 0.94 -0.51	60.20 2.32 -3.27	46.51 1.05 -2.94	34.01 0.43 -0.69	36.73 0.63 -0.03	36.02 0.61 0.00	35.83 0.31 0.00	30.85 0.25 0.00
N SALMON___HYD 24042	23.89 -0.58 -4.53	20.27 -0.57 0.00	12.98 -0.38 0.00	13.80 -0.38 0.00	16.32 -0.40 0.00	24.52 -0.38 0.00	26.02 -0.22 0.00	30.23 -0.63 -5.43	55.14 -0.76 -30.13	59.96 -0.87 -33.71	61.85 -0.93 -34.50	64.20 -1.07 -35.60	60.71 -1.09 -34.07	61.06 -0.95 -34.19	55.09 -0.75 -31.71	51.98 -0.75 -30.42	58.98 -1.06 -31.97	95.79 -2.10 -43.28	78.10 -1.57 -37.14	69.44 -1.13 -37.68	74.72 -1.20 -39.86	70.54 -1.04 -36.16	74.16 -0.93 -39.56	65.79 -0.92 -36.11
N.AKRON__115KV_KNAPP 355671	18.29 -1.65 0.00	19.05 -1.80 0.00	12.22 -1.13 0.01	12.98 -1.20 0.00	15.33 -1.40 0.00	22.74 -2.15 0.00	24.00 -2.25 0.00	23.57 -1.86 0.00	24.13 -1.65 0.00	23.43 -1.80 1.89	20.57 -2.15 5.55	20.07 -1.96 7.63	18.17 -1.68 7.87	20.28 -1.78 5.76	20.52 -1.67 1.95	20.72 -1.55 0.04	24.06 -2.10 1.91	37.96 -4.29 12.36	28.43 -3.00 11.10	27.89 -2.39 2.60	33.03 -2.92 0.12	32.73 -2.69 0.00	33.02 -2.51 0.00	28.30 -2.30 0.00
N.BELMOR_69_KV_BK1 55787	37.76 1.55 -16.26	22.53 1.79 0.10	13.69 1.21 0.87	14.53 1.28 0.93	18.09 1.38 0.00	26.74 1.85 0.01	28.31 2.07 0.00	27.28 1.84 0.00	27.48 1.82 0.12	30.89 1.93 -1.85	32.04 2.07 -1.69	33.32 2.14 -1.51	29.66 1.92 0.00	29.78 1.96 0.00	33.34 1.80 -7.40	26.01 1.57 -2.14	33.90 1.94 -3.89	89.90 3.70 -31.60	142.54 2.95 -97.07	86.62 2.32 -51.42	92.46 2.50 -53.89	66.90 2.28 -29.21	37.74 2.20 -0.01	32.53 1.94 0.00
N.E_GEN_SANDY PD 24062	22.95 1.09 -1.92	22.86 1.17 -0.85	20.10 0.76 -5.98	19.82 0.80 -4.84	21.08 0.92 -3.44	27.07 1.32 -0.85	28.50 1.36 -0.90	26.76 1.32 0.00	27.64 1.28 -0.58	38.10 1.39 -9.59	32.05 1.52 -2.26	31.98 1.58 -0.73	31.98 1.51 -2.75	29.29 1.47 0.00	25.44 1.30 0.00	23.48 1.18 0.00	29.52 1.45 0.00	55.75 2.91 1.77	44.67 2.15 0.00	33.38 1.52 1.03	37.78 1.71 0.00	37.48 1.67 -0.39	38.95 1.66 -1.76	35.05 1.51 -2.94
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.61 1.23 4.56	21.92 1.30 0.22	14.54 0.84 -0.34	15.07 0.88 0.00	17.66 1.01 0.08	26.36 1.46 0.00	27.77 1.52 0.00	26.95 1.51 0.00	27.22 1.44 0.00	28.75 1.64 0.00	30.04 1.76 0.00	31.48 1.80 0.00	29.45 1.73 0.00	29.60 1.78 0.00	25.73 1.59 0.00	23.68 1.38 0.00	29.78 1.72 0.00	57.92 3.32 0.00	45.16 2.63 0.00	34.92 2.03 0.00	38.24 2.18 0.00	37.39 1.97 0.00	37.43 1.90 0.00	32.29 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	57.32 1.62 -35.76	39.81 1.62 -17.35	36.37 1.05 -21.97	31.74 1.11 -16.45	23.37 1.27 -5.38	27.06 1.93 -0.24	28.30 2.05 0.00	27.44 2.00 -0.01	29.38 1.91 -1.70	30.80 2.08 -1.60	30.64 2.33 -0.04	32.08 2.41 0.00	29.99 2.27 0.00	30.14 2.32 0.00	26.25 2.11 0.00	24.16 1.86 -0.01	30.35 2.28 0.00	59.52 4.38 -0.54	48.73 3.59 -2.61	36.83 2.75 -1.19	40.12 3.01 -1.05	38.33 2.75 -0.16	38.20 2.66 0.00	32.97 2.37 0.00
N.TROY___115KV_TB1 355778	20.79 0.85 0.00	21.74 0.90 0.00	14.36 0.58 -0.42	14.79 0.61 0.00	17.43 0.71 0.00	25.94 1.04 0.00	27.35 1.10 0.00	26.51 1.08 0.00	26.81 1.04 0.00	28.22 1.11 0.00	29.51 1.23 0.00	30.99 1.32 0.00	28.98 1.25 0.00	28.97 1.15 0.00	25.08 0.94 0.00	23.22 0.91 0.00	29.16 1.09 0.00	56.90 2.30 0.00	44.21 1.69 0.00	34.06 1.17 0.00	37.43 1.36 0.00	36.74 1.32 0.00	36.86 1.33 0.00	31.80 1.21 0.00
NARROWS_GT1_1 24228	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT1_2 24229	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT1_3 24230	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT1_4 24231	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00

NARROWS_GT1_5 24232	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT1_6 24233	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT1_7 24234	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT1_8 24235	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_1 24236	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_2 24237	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_3 24238	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_4 24239	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_5 24240	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_6 24241	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_7 24242	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NARROWS_GT2_8 24243	58.39 1.71 -36.74	43.74 1.80 -21.10	41.91 1.17 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.19 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.46 2.39 -12.95	42.34 2.61 -11.45	41.35 2.69 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.85 2.31 -18.40	41.33 2.05 -16.98	43.97 2.52 -13.38	59.15 4.54 0.00	46.24 3.72 0.00	42.59 2.99 -6.71	51.70 3.19 -12.44	46.22 3.01 -7.80	44.44 2.89 -6.02	43.22 2.62 -10.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.91 0.97 0.00	21.86 1.02 0.00	14.41 0.65 -0.40	14.88 0.70 0.00	17.53 0.81 0.00	26.07 1.17 0.00	27.51 1.27 0.00	26.71 1.27 0.00	27.12 1.34 0.00	28.62 1.51 0.00	29.79 1.52 0.00	31.20 1.54 0.00	29.05 1.33 0.00	29.00 1.18 0.00	25.07 0.93 0.00	23.24 0.93 0.00	29.09 1.02 0.00	57.13 2.53 0.00	44.74 2.22 0.00	34.53 1.64 0.00	37.86 1.79 0.00	37.06 1.64 0.00	37.16 1.64 0.00	31.99 1.39 0.00
NCHELSEA_115KV_TR2 355582	21.76 1.39 -0.43	22.34 1.48 -0.02	14.66 0.96 -0.35	15.19 1.01 0.00	17.88 1.15 -0.01	26.56 1.66 0.00	27.99 1.75 0.00	27.16 1.72 0.00	27.46 1.69 0.00	28.98 1.87 0.00	30.29 2.01 0.00	31.74 2.07 0.00	29.65 1.92 0.00	29.76 1.94 0.00	25.87 1.73 0.00	23.81 1.50 0.00	30.03 1.97 0.00	58.47 3.87 0.00	45.52 3.00 0.00	35.22 2.33 0.00	38.58 2.51 0.00	37.75 2.34 0.00	37.78 2.25 0.00	32.55 1.95 0.00
NEG CAPITAL___MECHNVIL 23645	21.15 1.21 0.00	22.11 1.27 0.00	14.59 0.81 -0.43	15.03 0.85 0.00	17.74 1.02 0.00	26.45 1.55 0.00	27.90 1.65 0.00	27.06 1.62 0.00	27.32 1.55 0.00	28.80 1.68 0.00	30.11 1.83 0.00	31.58 1.92 0.00	29.49 1.76 0.00	29.44 1.61 0.00	25.41 1.27 0.00	23.52 1.21 0.00	29.68 1.62 0.00	58.02 3.42 0.00	45.04 2.52 0.00	34.74 1.84 0.00	38.17 2.10 0.00	37.45 2.03 0.00	37.49 1.96 0.00	32.29 1.69 0.00

NEG CENTRAL_HIGH_ACRES 23767	18.74 -1.20 0.00	19.55 -1.29 0.00	12.57 -0.82 -0.04	13.31 -0.87 0.00	15.71 -1.02 0.00	23.35 -1.55 0.00	24.63 -1.62 0.00	24.05 -1.39 0.00	24.53 -1.24 0.00	25.77 -1.35 0.00	26.70 -1.57 0.00	28.23 -1.44 0.00	26.44 -1.29 0.00	26.52 -1.30 0.00	22.96 -1.18 0.00	21.25 -1.05 0.00	26.65 -1.42 0.00	51.68 -2.92 0.00	40.39 -2.13 0.00	31.26 -1.63 0.00	34.20 -1.87 0.00	33.61 -1.80 0.00	33.75 -1.78 0.00	28.96 -1.64 0.00
NEG CENTRAL___DRP 24199	19.58 -0.36 0.00	20.42 -0.43 0.00	13.15 -0.28 -0.07	13.89 -0.29 0.00	16.39 -0.33 0.00	24.39 -0.51 0.00	25.71 -0.54 0.00	25.08 -0.36 0.00	25.47 -0.31 0.00	27.68 -0.32 -0.88	30.40 -0.47 -2.59	32.64 -0.59 -3.56	30.95 -0.45 -3.67	30.08 -0.43 -2.69	24.52 -0.54 -0.91	21.90 -0.42 -0.02	28.48 -0.48 -0.89	59.33 -1.06 -5.78	47.03 -0.69 -5.19	33.65 -0.46 -1.22	35.63 -0.50 -0.06	34.84 -0.57 0.00	34.93 -0.61 0.00	30.02 -0.58 0.00
NEG CENTRAL___INDECK 23768	19.15 -0.79 0.00	19.89 -0.95 0.00	13.07 -0.63 -0.34	13.53 -0.66 0.00	16.01 -0.71 0.00	23.82 -1.07 0.00	25.13 -1.11 0.00	24.69 -0.75 0.00	25.13 -0.65 0.00	35.77 -0.95 -9.60	55.19 -1.33 -28.24	66.78 -1.38 -38.49	66.49 -0.98 -39.74	55.78 -1.33 -29.30	32.83 -1.25 -9.93	21.45 -1.04 -0.18	36.56 -1.22 -9.71	115.23 -2.27 -62.90	97.31 -1.68 -56.47	44.98 -1.16 -13.25	35.47 -1.22 -0.62	34.21 -1.20 0.00	34.41 -1.12 0.00	29.58 -1.02 0.00
NEG CENTRAL___SENECA 23627	19.50 -0.44 0.00	20.31 -0.53 0.00	13.10 -0.34 -0.09	13.83 -0.36 0.00	16.33 -0.39 0.00	24.30 -0.60 0.00	25.60 -0.65 0.00	25.01 -0.43 0.00	25.41 -0.37 0.00	28.15 -0.37 -1.41	31.82 -0.59 -4.14	34.59 -0.72 -5.64	33.02 -0.53 -5.82	31.56 -0.55 -4.30	24.96 -0.64 -1.46	21.83 -0.50 -0.03	28.89 -0.60 -1.42	62.46 -1.37 -9.22	49.89 -0.91 -8.28	34.25 -0.58 -1.94	35.52 -0.63 -0.09	34.71 -0.71 0.00	34.80 -0.72 0.00	29.94 -0.66 0.00
NEG CENTRAL___STATE_STREET 24147	19.82 -0.12 0.00	20.68 -0.16 0.00	13.30 -0.10 -0.04	14.09 -0.09 0.00	16.57 -0.16 0.00	24.65 -0.25 0.00	26.06 -0.19 0.00	25.36 -0.08 0.00	25.76 -0.02 0.00	27.02 -0.10 0.00	28.17 -0.10 0.00	29.40 -0.27 0.00	27.51 -0.22 0.00	27.72 -0.10 0.00	23.85 -0.29 0.00	22.11 -0.20 0.00	27.88 -0.19 0.00	54.26 -0.34 0.00	42.47 -0.05 0.00	32.87 -0.02 0.00	36.03 -0.04 0.00	35.33 -0.09 0.00	35.36 -0.17 0.00	30.33 -0.27 0.00
NEG MILLWOOD___DRP 24198	21.41 1.47 0.00	22.40 1.55 0.00	14.71 1.00 -0.35	15.24 1.06 0.00	17.93 1.21 0.00	26.66 1.76 0.00	28.09 1.85 0.00	27.26 1.82 0.00	27.57 1.80 0.00	29.09 1.97 0.00	30.41 2.13 0.00	31.85 2.18 0.00	29.76 2.03 0.00	29.87 2.05 0.00	25.98 1.84 0.00	23.92 1.61 0.00	30.15 2.09 0.00	58.67 4.07 0.00	45.72 3.19 0.00	35.36 2.47 0.00	38.74 2.67 0.00	37.90 2.49 0.00	37.92 2.39 0.00	32.68 2.08 0.00
NEG NORTH_FLCN_SEA 23793	13.04 -0.52 6.38	20.35 -0.49 0.00	13.06 -0.29 0.00	13.87 -0.31 0.00	16.40 -0.33 0.00	24.65 -0.25 0.00	26.15 -0.09 0.00	17.30 -0.49 7.64	-17.40 -0.73 42.44	-21.24 -0.86 47.50	-21.24 -0.91 48.61	-21.52 -1.04 50.16	-21.23 -0.96 48.00	-21.22 -0.87 48.17	-21.18 -0.66 44.66	-21.19 -0.66 42.84	-21.22 -0.97 48.31	-21.21 -2.03 73.78	-21.23 -1.56 62.19	-21.28 -1.13 53.04	-21.24 -1.19 56.12	-16.65 -1.00 51.07	-21.29 -0.93 55.90	-21.28 -0.85 51.03
NEG NORTH_KES_CHATEGAY 23792	12.47 -0.67 6.81	20.21 -0.64 0.00	12.94 -0.42 0.00	13.75 -0.43 0.00	16.27 -0.45 0.00	24.47 -0.43 0.00	25.98 -0.27 0.00	16.52 -0.76 8.16	-20.49 -0.96 45.31	-24.66 -1.08 50.70	-24.75 -1.15 51.88	-25.18 -1.31 53.54	-24.78 -1.29 51.23	-24.75 -1.15 51.41	-24.43 -0.91 47.67	-24.30 -0.88 45.73	-24.62 -1.24 51.45	-26.20 -2.51 78.28	-25.40 -1.90 66.02	-25.09 -1.36 56.62	-25.32 -1.49 59.90	-20.39 -1.31 54.50	-25.29 -1.17 59.65	-24.94 -1.09 54.45
NEG NORTH___ALICE_FALLS 23915	12.98 -0.52 6.45	20.37 -0.48 0.00	13.05 -0.31 0.00	13.86 -0.32 0.00	16.40 -0.32 0.00	24.69 -0.21 0.00	26.16 -0.08 0.00	17.21 -0.50 7.73	-17.83 -0.71 42.90	-21.71 -0.82 48.00	-21.72 -0.87 49.12	-22.02 -1.00 50.69	-21.75 -0.97 48.51	-21.75 -0.88 48.68	-21.65 -0.66 45.13	-21.64 -0.65 43.30	-21.72 -0.98 48.81	-21.95 -2.06 74.49	-21.85 -1.58 62.80	-21.84 -1.12 53.61	-21.83 -1.18 56.72	-17.19 -0.99 51.61	-21.89 -0.93 56.49	-21.84 -0.87 51.57
NEG NORTH___LWR_SARANAC 23913	12.98 -0.52 6.45	20.37 -0.48 0.00	13.05 -0.31 0.00	13.86 -0.32 0.00	16.40 -0.32 0.00	24.69 -0.21 0.00	26.16 -0.08 0.00	17.21 -0.50 7.73	-17.83 -0.71 42.90	-21.71 -0.82 48.00	-21.72 -0.87 49.12	-22.02 -1.00 50.69	-21.75 -0.97 48.51	-21.75 -0.88 48.68	-21.65 -0.66 45.13	-21.64 -0.65 43.30	-21.72 -0.98 48.81	-21.95 -2.06 74.49	-21.85 -1.58 62.80	-21.84 -1.12 53.61	-21.83 -1.18 56.72	-17.19 -0.99 51.61	-21.89 -0.93 56.49	-21.84 -0.87 51.57
NEG NORTH___PLATTSBURG 23628	12.98 -0.52 6.45	20.36 -0.48 0.00	13.05 -0.31 0.00	13.86 -0.33 0.00	16.40 -0.32 0.00	24.69 -0.21 0.00	26.16 -0.08 0.00	17.21 -0.50 7.73	-17.83 -0.71 42.90	-21.72 -0.83 48.00	-21.73 -0.88 49.12	-22.03 -1.01 50.69	-21.76 -0.98 48.51	-21.75 -0.89 48.68	-21.65 -0.66 45.13	-21.65 -0.65 43.30	-21.72 -0.98 48.81	-21.96 -2.07 74.49	-21.86 -1.59 62.80	-21.84 -1.12 53.61	-21.83 -1.18 56.72	-17.19 -0.99 51.61	-21.89 -0.93 56.49	-21.85 -0.87 51.57
NEG WEST_LEA_LOCKPORT 23791	17.99 -1.95 0.00	18.73 -2.11 0.00	12.01 -1.33 0.02	12.77 -1.41 0.00	15.08 -1.64 0.00	22.36 -2.54 0.00	23.59 -2.65 0.00	23.18 -2.25 0.00	23.72 -2.06 0.00	22.61 -2.24 2.26	19.09 -2.54 6.64	18.18 -2.37 9.12	16.23 -2.09 9.41	18.85 -2.08 6.89	19.85 -1.95 2.34	20.39 -1.87 0.04	23.21 -2.57 2.28	34.57 -5.24 14.79	25.50 -3.74 13.28	26.78 -2.99 3.12	32.36 -3.56 0.15	32.13 -3.29 0.00	32.46 -3.07 0.00	27.85 -2.75 0.00
NEG WEST___LANCASTER 23811	18.69 -1.25 0.00	19.46 -1.39 0.00	12.46 -0.89 0.01	13.25 -0.93 0.00	15.66 -1.06 0.00	23.26 -1.64 0.00	24.50 -1.75 0.00	24.04 -1.39 0.00	24.48 -1.30 0.00	23.50 -1.34 2.27	20.11 -1.50 6.67	19.04 -1.48 9.15	17.03 -1.26 9.44	19.70 -1.20 6.92	20.61 -1.18 2.35	21.03 -1.23 0.04	24.12 -1.66 2.29	36.42 -3.33 14.85	26.72 -2.46 13.34	27.76 -2.00 3.13	33.59 -2.33 0.15	33.24 -2.18 0.00	33.47 -2.06 0.00	28.81 -1.79 0.00
NEG_PENN_ALLEGHNY 23528	19.90 -0.04 0.00	20.77 -0.07 0.00	13.42 -0.04 -0.11	14.15 -0.03 0.00	16.70 -0.03 0.00	24.85 -0.05 0.00	26.13 -0.11 0.00	25.47 0.03 0.00	25.79 0.01 0.00	27.20 0.08 0.00	28.31 0.04 0.00	29.70 0.03 0.00	27.78 0.06 0.00	27.87 0.05 0.00	24.09 -0.04 0.00	22.23 -0.07 0.00	28.13 0.06 0.00	54.65 0.05 0.00	42.51 -0.01 0.00	32.86 -0.03 0.00	36.03 -0.04 0.00	35.29 -0.12 0.00	35.34 -0.19 0.00	30.48 -0.12 0.00
NEG___GEN_MONROE 24207	18.90 -1.04 0.00	19.71 -1.13 0.00	12.67 -0.71 -0.03	13.42 -0.76 0.00	15.84 -0.88 0.00	23.52 -1.37 0.00	24.83 -1.42 0.00	24.30 -1.14 0.00	24.82 -0.96 0.00	25.68 -1.07 0.37	25.76 -1.42 1.09	26.77 -1.32 1.58	25.03 -1.08 1.62	25.50 -1.18 1.14	22.71 -1.05 0.39	21.36 -0.94 0.01	26.43 -1.26 0.38	49.45 -2.71 2.44	38.42 -1.91 2.19	30.96 -1.42 0.51	34.35 -1.70 0.02	33.83 -1.58 0.00	34.01 -1.52 0.00	29.17 -1.43 0.00

NEPA__ENERGY 23901	19.01 -0.93 0.00	19.71 -1.14 0.00	12.60 -0.74 0.01	13.44 -0.74 0.00	15.93 -0.79 0.00	23.77 -1.13 0.00	24.92 -1.32 0.00	24.38 -1.06 0.00	24.44 -1.12 0.22	23.87 -0.93 2.32	20.33 -1.12 6.82	19.06 -1.06 9.55	17.12 -0.95 9.65	19.74 -1.00 7.08	20.79 -0.94 2.40	21.13 -1.13 0.04	24.38 -1.35 2.35	36.61 -2.80 15.19	26.76 -2.12 13.64	28.12 -1.57 3.20	34.30 -1.62 0.15	33.76 -1.65 0.00	33.78 -1.75 0.00	29.41 -1.19 0.00
NEVERSink__HYD 23608	21.04 1.10 0.00	21.99 1.15 0.00	14.41 0.75 -0.31	14.98 0.79 0.00	17.62 0.90 0.00	26.21 1.31 0.00	27.61 1.37 0.00	26.78 1.35 0.00	27.10 1.32 0.00	28.60 1.48 0.00	29.85 1.58 0.00	31.22 1.55 0.00	29.10 1.38 0.00	29.20 1.38 0.00	25.40 1.26 0.00	23.44 1.14 0.00	29.76 1.69 0.00	57.88 3.28 0.00	45.13 2.61 0.00	34.95 2.06 0.00	38.27 2.20 0.00	37.45 2.03 0.00	37.44 1.91 0.00	32.29 1.70 0.00
NEWKRMKL_115KV_TB1 55635	20.58 0.64 0.00	21.52 0.67 0.00	14.22 0.45 -0.42	14.65 0.46 0.00	17.26 0.53 0.00	25.65 0.75 0.00	27.04 0.79 0.00	26.22 0.78 0.00	26.52 0.75 0.00	27.86 0.75 0.00	29.23 0.95 0.00	30.65 0.98 0.00	28.66 0.93 0.00	28.69 0.87 0.00	24.89 0.75 0.00	23.02 0.72 0.00	28.90 0.84 0.00	56.29 1.69 0.00	43.82 1.30 0.00	33.82 0.93 0.00	37.06 1.00 0.00	36.32 0.90 0.00	36.48 0.95 0.00	31.48 0.88 0.00
NEWTON__FALLS_HYD 23847	20.01 -0.64 -0.72	20.08 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.53 0.00	16.18 -0.55 0.00	24.08 -0.82 0.00	25.59 -0.66 0.00	25.64 -0.66 -0.86	29.87 -0.68 -4.78	31.53 -0.93 -5.35	32.64 -1.10 -5.47	34.31 -1.01 -5.64	31.97 -1.16 -5.40	32.09 -1.15 -5.42	28.16 -1.01 -5.03	26.22 -0.91 -4.82	31.51 -1.09 -4.54	57.43 -1.96 -4.78	45.25 -1.56 -4.29	37.79 -1.07 -5.97	41.29 -1.09 -6.32	40.11 -1.03 -5.73	40.81 -0.99 -6.27	35.28 -1.04 -5.73
NGRID_A1_DSASP 323792	17.78 -2.16 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.64 -1.54 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.55 0.00	23.44 -2.34 0.00	22.31 -2.54 2.27	18.79 -2.82 6.66	17.92 -2.61 9.14	15.97 -2.33 9.43	18.63 -2.28 6.91	19.65 -2.15 2.34	20.17 -2.09 0.04	22.86 -2.92 2.29	33.76 -6.01 14.84	24.99 -4.21 13.32	26.40 -3.37 3.13	31.89 -4.03 0.15	31.70 -3.71 0.00	32.07 -3.46 0.00	27.52 -3.08 0.00
NGRID_A2_DSASP 323793	17.78 -2.16 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.64 -1.54 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.55 0.00	23.44 -2.34 0.00	22.31 -2.54 2.27	18.79 -2.82 6.66	17.92 -2.61 9.14	15.97 -2.33 9.43	18.63 -2.28 6.91	19.65 -2.15 2.34	20.17 -2.09 0.04	22.86 -2.92 2.29	33.76 -6.01 14.84	24.99 -4.21 13.32	26.40 -3.37 3.13	31.89 -4.03 0.15	31.70 -3.71 0.00	32.07 -3.46 0.00	27.52 -3.08 0.00
NGRID_A4_DSASP 323807	17.78 -2.16 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.64 -1.54 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.55 0.00	23.44 -2.34 0.00	22.31 -2.54 2.27	18.79 -2.82 6.66	17.92 -2.61 9.14	15.97 -2.33 9.43	18.63 -2.28 6.91	19.65 -2.15 2.34	20.17 -2.09 0.04	22.86 -2.92 2.29	33.76 -6.01 14.84	24.99 -4.21 13.32	26.40 -3.37 3.13	31.89 -4.03 0.15	31.70 -3.71 0.00	32.07 -3.46 0.00	27.52 -3.08 0.00
NIAGARA_115E_LBMP 323715	17.71 -2.23 0.00	18.44 -2.40 0.00	11.82 -1.52 0.02	12.58 -1.60 0.00	14.84 -1.88 0.00	22.00 -2.89 0.00	23.22 -3.02 0.00	22.82 -2.61 0.00	23.38 -2.39 0.00	22.32 -2.54 2.26	18.85 -2.79 6.64	17.99 -2.57 9.11	16.04 -2.28 9.40	18.65 -2.28 6.89	19.59 -2.22 2.34	20.09 -2.17 0.04	22.90 -2.89 2.28	34.11 -5.71 14.78	25.16 -4.10 13.27	26.39 -3.39 3.11	31.78 -4.14 0.15	31.57 -3.85 0.00	31.96 -3.57 0.00	27.42 -3.18 0.00
NIAGARA_115W_LBMP 323714	17.73 -2.21 0.00	18.47 -2.37 0.00	11.85 -1.49 0.02	12.60 -1.58 0.00	14.88 -1.84 0.00	22.05 -2.85 0.00	23.24 -3.00 0.00	22.82 -2.62 0.00	23.36 -2.41 0.00	22.27 -2.60 2.25	18.79 -2.88 6.60	17.94 -2.66 9.06	16.00 -2.38 9.35	18.63 -2.33 6.85	19.60 -2.22 2.32	20.12 -2.15 0.04	22.80 -2.99 2.27	33.76 -6.13 14.71	25.02 -4.29 13.21	26.35 -3.44 3.10	31.80 -4.13 0.15	31.61 -3.80 0.00	31.98 -3.55 0.00	27.44 -3.16 0.00
NIAGARA_230_LBMP 323716	17.95 -2.00 0.00	18.71 -2.14 0.00	11.99 -1.35 0.01	12.76 -1.42 0.00	15.07 -1.66 0.00	22.33 -2.56 0.00	23.53 -2.71 0.00	23.10 -2.34 0.00	23.64 -2.14 0.00	22.64 -2.34 2.13	19.33 -2.67 6.28	18.56 -2.50 8.62	16.62 -2.22 8.89	19.14 -2.17 6.51	19.93 -2.01 2.21	20.34 -1.93 0.04	23.20 -2.71 2.16	35.02 -5.60 13.98	25.92 -4.04 12.55	26.78 -3.17 2.94	32.24 -3.69 0.14	32.00 -3.42 0.00	32.32 -3.20 0.00	27.75 -2.85 0.00
NIAGARA__115KV_198_GIBSON 55903	17.72 -2.22 0.00	18.48 -2.37 0.00	11.85 -1.49 0.02	12.60 -1.58 0.00	14.88 -1.84 0.00	22.05 -2.85 0.00	23.24 -3.00 0.00	22.82 -2.62 0.00	23.35 -2.43 0.00	22.23 -2.64 2.25	18.75 -2.92 6.60	17.88 -2.73 9.06	15.94 -2.44 9.35	18.59 -2.37 6.85	19.59 -2.23 2.32	20.11 -2.16 0.04	22.79 -3.00 2.27	33.68 -6.21 14.71	24.96 -4.36 13.21	26.34 -3.45 3.10	31.78 -4.15 0.15	31.61 -3.80 0.00	31.96 -3.57 0.00	27.42 -3.18 0.00
NIAGARA____ 23760	17.95 -2.00 0.00	18.71 -2.14 0.00	11.99 -1.35 0.01	12.76 -1.42 0.00	15.07 -1.66 0.00	22.33 -2.56 0.00	23.53 -2.71 0.00	23.10 -2.34 0.00	23.64 -2.14 0.00	22.61 -2.34 2.16	19.26 -2.67 6.35	18.46 -2.50 8.71	16.52 -2.22 8.99	19.07 -2.17 6.59	19.90 -2.01 2.23	20.34 -1.93 0.04	23.17 -2.71 2.19	34.85 -5.60 14.16	25.79 -4.04 12.69	26.75 -3.17 2.98	32.23 -3.69 0.14	32.00 -3.42 0.00	32.32 -3.20 0.00	27.75 -2.85 0.00
NINE_MILE_1 23575	19.28 -0.66 0.00	20.14 -0.70 0.00	12.93 -0.45 -0.02	13.71 -0.48 0.00	16.17 -0.56 0.00	24.04 -0.86 0.00	25.35 -0.90 0.00	24.63 -0.81 0.00	24.98 -0.79 0.00	26.28 -0.83 0.00	27.37 -0.91 0.00	28.73 -0.94 0.00	26.86 -0.87 0.00	26.95 -0.87 0.00	23.35 -0.79 0.00	21.60 -0.71 0.00	27.18 -0.89 0.00	52.86 -1.75 0.00	41.18 -1.34 0.00	31.86 -1.04 0.00	34.92 -1.15 0.00	34.26 -1.16 0.00	34.37 -1.16 0.00	29.58 -1.01 0.00
NINE_MILE_2 23744	19.29 -0.65 0.00	20.14 -0.70 0.00	12.93 -0.44 -0.02	13.71 -0.47 0.00	16.17 -0.56 0.00	24.05 -0.85 0.00	25.35 -0.89 0.00	24.63 -0.81 0.00	24.98 -0.79 0.00	26.29 -0.83 0.00	27.38 -0.90 0.00	28.74 -0.93 0.00	26.87 -0.86 0.00	26.95 -0.87 0.00	23.36 -0.79 0.00	21.60 -0.71 0.00	27.18 -0.89 0.00	52.86 -1.74 0.00	41.19 -1.33 0.00	31.86 -1.03 0.00	34.92 -1.15 0.00	34.27 -1.15 0.00	34.37 -1.16 0.00	29.58 -1.01 0.00
NM_CAPITAL__DRP 24208	20.64 0.70 0.00	21.58 0.74 0.00	14.26 0.49 -0.42	14.70 0.51 0.00	17.31 0.59 0.00	25.74 0.84 0.00	27.12 0.88 0.00	26.30 0.86 0.00	26.60 0.82 0.00	27.95 0.84 0.00	29.29 1.02 0.00	30.74 1.07 0.00	28.75 1.02 0.00	28.78 0.96 0.00	24.96 0.82 0.00	23.09 0.78 0.00	28.98 0.91 0.00	56.46 1.85 0.00	43.91 1.39 0.00	33.87 0.98 0.00	37.14 1.07 0.00	36.42 1.00 0.00	36.58 1.05 0.00	31.58 0.98 0.00

NM_CENTRAL___DRP 24181	19.63 -0.31 0.00	20.49 -0.35 0.00	13.16 -0.22 -0.03	13.95 -0.24 0.00	16.45 -0.28 0.00	24.46 -0.44 0.00	25.78 -0.46 0.00	25.08 -0.36 0.00	25.45 -0.33 0.00	26.79 -0.32 0.00	27.89 -0.38 0.00	29.27 -0.40 0.00	27.37 -0.35 0.00	27.46 -0.35 0.00	23.79 -0.36 0.00	22.01 -0.29 0.00	27.72 -0.35 0.00	53.95 -0.65 0.00	42.04 -0.48 0.00	32.50 -0.39 0.00	35.62 -0.45 0.00	34.92 -0.50 0.00	34.99 -0.54 0.00	30.11 -0.49 0.00
NM_FRONTIER___DRP 24179	17.72 -2.22 0.00	18.48 -2.37 0.00	11.85 -1.49 0.02	12.60 -1.58 0.00	14.88 -1.84 0.00	22.05 -2.85 0.00	23.24 -3.00 0.00	22.82 -2.62 0.00	23.35 -2.43 0.00	22.23 -2.64 2.25	18.75 -2.92 6.60	17.88 -2.73 9.06	15.94 -2.44 9.35	18.59 -2.37 6.85	19.59 -2.23 2.32	20.11 -2.16 0.04	22.79 -3.00 2.27	33.68 -6.21 14.71	24.96 -4.36 13.21	26.34 -3.45 3.10	31.78 -4.15 0.15	31.61 -3.80 0.00	31.96 -3.57 0.00	27.42 -3.18 0.00
NM_ST_REGIS___HYD 24053	21.13 -0.58 -1.77	20.25 -0.60 0.00	12.95 -0.40 0.00	13.77 -0.42 0.00	16.29 -0.43 0.00	24.38 -0.52 0.00	25.86 -0.39 0.00	26.90 -0.67 -2.12	36.86 -0.70 -11.79	39.46 -0.85 -13.19	40.80 -0.98 -13.50	42.57 -1.03 -13.93	40.01 -1.05 -13.33	40.24 -0.96 -13.38	35.76 -0.79 -12.41	33.44 -0.77 -11.91	38.85 -1.08 -11.86	66.93 -2.06 -14.38	53.54 -1.55 -12.57	46.56 -1.08 -14.74	50.53 -1.14 -15.60	48.59 -0.97 -14.15	50.15 -0.86 -15.48	43.86 -0.87 -14.13
NORTHPORT___1 23551	37.72 1.51 -16.26	22.57 1.82 0.10	13.72 1.24 0.87	14.57 1.32 0.93	18.13 1.41 0.00	26.74 1.85 0.01	28.34 2.10 0.00	27.24 1.80 0.00	27.43 1.78 0.12	30.08 1.70 -1.27	31.38 1.92 -1.19	31.92 2.03 -0.22	29.48 1.75 0.00	29.62 1.81 0.00	29.50 1.63 -3.73	25.20 1.40 -1.50	32.49 1.70 -2.73	79.09 3.30 -21.19	107.13 2.52 -62.08	67.79 1.98 -32.92	64.81 2.17 -26.58	45.38 2.01 -7.95	37.52 1.99 0.00	32.34 1.74 0.00
NORTHPORT___2 23552	37.72 1.51 -16.26	22.57 1.82 0.10	13.72 1.24 0.87	14.57 1.32 0.93	18.13 1.41 0.00	26.74 1.85 0.01	28.34 2.10 0.00	27.24 1.80 0.00	27.43 1.78 0.12	30.08 1.70 -1.27	31.38 1.92 -1.19	31.92 2.03 -0.22	29.48 1.75 0.00	29.62 1.81 0.00	29.50 1.63 -3.73	25.20 1.40 -1.50	32.49 1.70 -2.73	79.09 3.30 -21.19	107.13 2.52 -62.08	67.79 1.98 -32.92	64.81 2.17 -26.58	45.38 2.01 -7.95	37.52 1.99 0.00	32.34 1.74 0.00
NORTHPORT___3 23553	37.53 1.32 -16.26	22.38 1.64 0.10	13.60 1.12 0.87	14.44 1.19 0.93	17.98 1.26 0.00	26.54 1.66 0.01	28.07 1.83 0.00	26.99 1.56 0.00	27.16 1.51 0.12	29.85 1.46 -1.28	31.17 1.70 -1.20	31.69 1.81 -0.21	29.28 1.55 0.00	29.41 1.60 0.00	29.37 1.48 -3.76	25.02 1.20 -1.52	32.25 1.43 -2.76	78.63 2.68 -21.34	107.10 2.12 -62.46	67.69 1.66 -33.14	64.59 1.81 -26.71	45.08 1.69 -7.97	37.16 1.64 0.01	32.06 1.46 0.00
NORTHPORT___4 23650	37.53 1.32 -16.26	22.38 1.64 0.10	13.60 1.12 0.87	14.44 1.19 0.93	17.98 1.26 0.00	26.54 1.66 0.01	28.07 1.83 0.00	26.99 1.56 0.00	27.16 1.51 0.12	29.85 1.46 -1.28	31.17 1.70 -1.20	31.69 1.81 -0.21	29.28 1.55 0.00	29.41 1.60 0.00	29.37 1.48 -3.76	25.02 1.20 -1.52	32.25 1.43 -2.76	78.63 2.68 -21.34	107.10 2.12 -62.46	67.69 1.66 -33.14	64.59 1.81 -26.71	45.08 1.69 -7.97	37.16 1.64 0.01	32.06 1.46 0.00
NORTHPORT___IC 23718	37.72 1.52 -16.26	22.57 1.83 0.10	13.72 1.24 0.87	14.57 1.32 0.93	18.13 1.41 0.00	26.74 1.85 0.01	28.34 2.10 0.00	27.24 1.80 0.00	27.43 1.77 0.12	30.09 1.72 -1.27	31.39 1.92 -1.19	31.92 2.03 -0.22	29.48 1.76 0.00	29.62 1.80 0.00	29.50 1.63 -3.73	25.20 1.40 -1.50	32.50 1.70 -2.73	79.10 3.31 -21.19	107.16 2.55 -62.08	67.80 1.98 -32.92	64.83 2.18 -26.58	45.38 2.02 -7.95	37.52 1.99 0.00	32.35 1.75 0.00
NORTH___COUNTRY_ESR 323785	12.40 -0.72 6.82	20.14 -0.70 0.00	12.91 -0.45 0.00	13.72 -0.46 0.00	16.23 -0.49 0.00	24.42 -0.48 0.00	25.91 -0.33 0.00	16.45 -0.82 8.17	-20.63 -1.03 45.37	-24.80 -1.15 50.77	-24.90 -1.22 51.96	-25.27 -1.33 53.61	-24.87 -1.30 51.30	-24.86 -1.19 51.48	-24.57 -0.97 47.73	-24.43 -0.94 45.79	-24.74 -1.29 51.52	-26.40 -2.62 78.39	-25.57 -1.99 66.11	-25.27 -1.46 56.70	-25.51 -1.59 59.98	-20.58 -1.42 54.58	-25.48 -1.27 59.74	-25.11 -1.17 54.53
NPX_GEN_1385_PROXY 323591	37.71 1.51 -16.26	22.56 1.82 0.10	13.72 1.24 0.87	14.65 1.39 0.93	18.18 1.47 0.00	26.74 1.85 0.01	28.43 2.19 0.00	27.24 1.80 0.00	27.43 1.77 0.12	29.98 1.60 -1.27	31.48 2.02 -1.19	32.10 2.22 -0.22	29.43 1.70 0.00	29.41 1.59 0.00	29.30 1.43 -3.73	24.90 1.09 -1.50	32.00 1.20 -2.73	78.60 2.81 -21.19	106.74 2.13 -62.08	67.28 1.47 -32.92	64.25 1.60 -26.58	44.66 1.29 -7.95	37.17 1.65 0.00	32.13 1.53 0.00
NPX_GEN_CSC 323557	37.71 1.51 -16.26	22.67 1.93 0.10	13.78 1.30 0.87	14.62 1.37 0.93	18.19 1.47 0.00	26.82 1.94 0.01	28.43 2.19 0.00	27.36 1.92 0.00	27.50 1.84 0.12	27.89 1.31 0.53	-20.68 1.31 50.27	-2.88 1.41 33.96	8.40 1.22 20.55	-6.39 1.29 35.50	-4.93 1.22 30.29	25.11 1.28 -1.53	32.47 1.63 -2.77	79.37 3.30 -21.47	108.07 2.63 -62.93	68.44 2.15 -33.39	65.83 2.43 -27.33	46.26 2.25 -8.60	37.47 1.94 0.00	32.21 1.61 0.00
NSINS_S___GLNS_FALLS 23858	21.30 1.35 0.00	22.28 1.43 0.00	14.68 0.90 -0.43	15.14 0.96 0.00	17.83 1.11 0.00	26.51 1.61 0.00	27.98 1.74 0.00	27.19 1.75 0.00	27.52 1.75 0.00	29.08 1.97 0.00	30.33 2.06 0.00	31.76 2.09 0.00	29.65 1.92 0.00	29.60 1.78 0.00	25.46 1.32 0.00	23.57 1.27 0.00	29.88 1.82 0.00	58.33 3.72 0.00	45.24 2.72 0.00	34.91 2.02 0.00	38.40 2.33 0.00	37.71 2.29 0.00	37.64 2.11 0.00	32.41 1.81 0.00
NUCOR_STEEL___DRP 24197	19.82 -0.12 0.00	20.69 -0.15 0.00	13.30 -0.09 -0.04	14.09 -0.09 0.00	16.56 -0.16 0.00	24.64 -0.25 0.00	26.06 -0.18 0.00	25.36 -0.08 0.00	25.76 -0.02 0.00	27.00 -0.11 0.00	28.19 -0.09 0.00	29.41 -0.26 0.00	27.51 -0.22 0.00	27.73 -0.08 0.00	23.85 -0.29 0.00	22.10 -0.20 0.00	27.88 -0.19 0.00	54.27 -0.33 0.00	42.50 -0.02 0.00	32.87 -0.02 0.00	36.04 -0.03 0.00	35.33 -0.09 0.00	35.37 -0.16 0.00	30.31 -0.28 0.00
NUMBER_THREE_WT_PWR 323818	19.66 -0.59 -0.31	20.02 -0.82 0.00	12.81 -0.56 -0.01	13.62 -0.56 0.00	16.17 -0.55 0.00	23.99 -0.91 0.00	25.59 -0.65 0.00	25.34 -0.47 -0.38	27.33 -0.54 -2.09	28.56 -0.89 -2.34	29.59 -1.08 -2.39	31.31 -0.83 -2.47	29.01 -1.08 -2.36	28.99 -1.20 -2.37	25.28 -1.06 -2.20	23.47 -0.94 -2.11	29.11 -1.00 -2.04	55.22 -1.69 -2.31	43.16 -1.41 -2.05	34.55 -0.96 -2.61	37.92 -0.91 -2.77	36.97 -0.95 -2.51	37.28 -1.00 -2.75	32.00 -1.10 -2.51
NYISO_LBMP_REFERENCE 24008	19.94 0.00 0.00	20.84 0.00 0.00	13.35 0.00 0.00	14.18 0.00 0.00	16.72 0.00 0.00	24.90 0.00 0.00	26.24 0.00 0.00	25.44 0.00 0.00	25.77 0.00 0.00	27.12 0.00 0.00	28.27 0.00 0.00	29.67 0.00 0.00	27.73 0.00 0.00	27.82 0.00 0.00	24.14 0.00 0.00	22.30 0.00 0.00	28.07 0.00 0.00	54.60 0.00 0.00	42.52 0.00 0.00	32.89 0.00 0.00	36.07 0.00 0.00	35.42 0.00 0.00	35.53 0.00 0.00	30.60 0.00 0.00

NYPA_BRENTWD____GT 24164	37.90	22.74	13.83	14.67	18.25	26.93	28.55	27.46	27.64	30.32	31.56	32.11	29.58	29.76	29.89	25.41	32.83	80.30	109.59	69.15	66.83	47.29	37.90	32.64
	1.69	2.00	1.34	1.42	1.53	2.04	2.31	2.03	1.99	1.89	2.06	2.13	1.85	1.94	1.75	1.55	1.95	3.79	2.68	2.09	2.33	2.43	2.38	2.04
	-16.26	0.10	0.87	0.93	0.00	0.01	0.00	0.00	0.12	-1.31	-1.23	-0.31	0.00	0.00	-3.99	-1.55	-2.82	-21.91	-64.39	-34.17	-28.44	-9.45	0.00	0.00
NYPA_GOWANUS____GT5 24156	58.39	43.74	41.91	41.90	41.52	41.88	41.89	41.88	42.41	42.46	42.34	41.35	41.32	41.29	44.85	41.33	43.97	59.15	46.24	42.59	51.70	46.22	44.44	43.22
	1.71	1.80	1.17	1.24	1.44	2.19	2.33	2.29	2.18	2.39	2.61	2.69	2.55	2.53	2.31	2.05	2.52	4.54	3.72	2.99	3.19	3.01	2.89	2.62
	-36.74	-21.10	-27.38	-26.48	-23.36	-14.79	-13.32	-14.16	-14.45	-12.95	-11.45	-8.99	-11.04	-10.94	-18.40	-16.98	-13.38	0.00	0.00	-6.71	-12.44	-7.80	-6.02	-10.00
NYPA_GOWANUS____GT6 24157	58.39	43.74	41.91	41.90	41.52	41.88	41.89	41.88	42.41	42.46	42.34	41.35	41.32	41.29	44.85	41.33	43.97	59.15	46.24	42.59	51.70	46.22	44.44	43.22
	1.71	1.80	1.17	1.24	1.44	2.19	2.33	2.29	2.18	2.39	2.61	2.69	2.55	2.53	2.31	2.05	2.52	4.54	3.72	2.99	3.19	3.01	2.89	2.62
	-36.74	-21.10	-27.38	-26.48	-23.36	-14.79	-13.32	-14.16	-14.45	-12.95	-11.45	-8.99	-11.04	-10.94	-18.40	-16.98	-13.38	0.00	0.00	-6.71	-12.44	-7.80	-6.02	-10.00
NYPA_HARLEM__RVR__GT1 24160	56.39	37.24	32.90	29.13	22.61	26.83	28.30	27.44	29.05	30.46	30.63	32.07	29.98	30.09	26.22	24.13	30.32	58.83	46.01	35.60	38.97	38.12	38.14	32.92
	1.58	1.55	1.00	1.11	1.27	1.93	2.05	2.00	1.91	2.05	2.32	2.40	2.25	2.27	2.08	1.82	2.25	4.23	3.49	2.70	2.90	2.70	2.60	2.33
	-34.87	-14.84	-18.54	-13.84	-4.61	0.00	0.00	-0.01	-1.37	-1.29	-0.03	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	56.39	37.24	32.90	29.13	22.61	26.83	28.30	27.44	29.05	30.46	30.63	32.07	29.98	30.09	26.22	24.13	30.32	58.83	46.01	35.60	38.97	38.12	38.14	32.92
	1.58	1.55	1.00	1.11	1.27	1.93	2.05	2.00	1.91	2.05	2.32	2.40	2.25	2.27	2.08	1.82	2.25	4.23	3.49	2.70	2.90	2.70	2.60	2.33
	-34.87	-14.84	-18.54	-13.84	-4.61	0.00	0.00	-0.01	-1.37	-1.29	-0.03	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
NYPA_KENT____GT 24152	58.36	43.32	41.22	38.93	34.40	35.90	36.20	35.79	37.21	37.81	37.49	37.44	36.54	36.61	37.13	34.19	38.25	59.02	46.12	39.42	45.82	42.50	41.55	38.48
	1.68	1.78	1.15	1.23	1.41	2.12	2.24	2.20	2.11	2.30	2.52	2.58	2.45	2.44	2.23	1.98	2.43	4.42	3.60	2.88	3.06	2.89	2.78	2.50
	-36.74	-20.70	-26.71	-23.52	-16.26	-8.87	-7.72	-8.15	-9.32	-8.39	-6.69	-5.18	-6.36	-6.35	-10.76	-9.91	-7.75	0.00	0.00	-3.65	-6.69	-4.20	-3.23	-5.38
NYPA_POUCH1____GT 24155	57.34	42.64	41.86	41.85	41.46	41.84	41.85	41.85	42.30	42.37	42.27	41.28	41.25	41.22	44.78	41.27	41.35	56.96	46.09	42.51	51.59	46.13	44.34	43.15
	1.62	1.72	1.12	1.19	1.38	2.15	2.29	2.25	2.10	2.31	2.54	2.62	2.48	2.46	2.24	1.99	2.43	4.29	3.57	2.91	3.08	2.91	2.79	2.55
	-35.78	-20.08	-27.38	-26.48	-23.36	-14.79	-13.32	-14.16	-14.43	-12.94	-11.45	-8.99	-11.04	-10.94	-18.40	-16.98	-10.85	1.93	0.00	-6.71	-12.44	-7.80	-6.02	-10.00
NYPA_VERNON____GT2 24162	58.33	42.88	40.52	35.95	27.28	29.93	30.66	29.92	32.02	33.18	32.68	33.66	31.93	32.02	29.45	27.12	32.69	58.90	46.00	36.73	40.97	39.41	39.15	34.57
	1.65	1.74	1.13	1.21	1.39	2.05	2.16	2.12	2.05	2.23	2.42	2.48	2.36	2.35	2.15	1.91	2.34	4.30	3.48	2.76	2.94	2.76	2.67	2.39
	-36.74	-20.29	-26.04	-20.56	-9.17	-2.98	-2.25	-2.37	-4.19	-3.83	-1.99	-1.51	-1.85	-1.85	-3.16	-2.91	-2.28	0.00	0.00	-1.07	-1.96	-1.24	-0.95	-1.58
NYPA_VERNON____GT3 24163	58.33	42.88	40.52	35.95	27.28	29.93	30.66	29.92	32.02	33.18	32.68	33.66	31.93	32.02	29.45	27.12	32.69	58.90	46.00	36.73	40.97	39.41	39.15	34.57
	1.65	1.74	1.13	1.21	1.39	2.05	2.16	2.12	2.05	2.23	2.42	2.48	2.36	2.35	2.15	1.91	2.34	4.30	3.48	2.76	2.94	2.76	2.67	2.39
	-36.74	-20.29	-26.04	-20.56	-9.17	-2.98	-2.25	-2.37	-4.19	-3.83	-1.99	-1.51	-1.85	-1.85	-3.16	-2.91	-2.28	0.00	0.00	-1.07	-1.96	-1.24	-0.95	-1.58
NYPA__ASTORIA_CC1 323568	58.31	42.68	40.23	34.71	24.32	27.42	28.38	27.53	29.86	31.24	30.70	32.11	30.04	30.12	26.27	24.19	30.38	58.83	45.95	35.62	38.96	38.14	38.16	32.96
	1.63	1.72	1.11	1.20	1.37	2.03	2.14	2.09	2.03	2.19	2.39	2.44	2.32	2.30	2.13	1.89	2.31	4.22	3.43	2.73	2.89	2.72	2.63	2.36
	-36.74	-20.12	-25.76	-19.33	-6.22	-0.49	0.00	-0.01	-2.06	-1.94	-0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
NYPA__ASTORIA_CC2 323569	58.31	42.68	40.23	34.71	24.32	27.42	28.38	27.53	29.86	31.24	30.70	32.11	30.04	30.12	26.27	24.19	30.38	58.83	45.95	35.62	38.96	38.14	38.16	32.96
	1.63	1.72	1.11	1.20	1.37	2.03	2.14	2.09	2.03	2.19	2.39	2.44	2.32	2.30	2.13	1.89	2.31	4.22	3.43	2.73	2.89	2.72	2.63	2.36
	-36.74	-20.12	-25.76	-19.33	-6.22	-0.49	0.00	-0.01	-2.06	-1.94	-0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
NYPA__HOLTSVILL 23794	37.76	22.63	13.76	14.59	18.16	26.80	28.39	27.32	27.49	29.85	26.17	28.39	27.29	26.00	26.15	25.23	32.59	79.51	108.06	68.40	65.75	46.22	37.64	32.40
	1.55	1.89	1.27	1.34	1.45	1.91	2.15	1.88	1.83	1.63	1.78	1.85	1.60	1.68	1.54	1.40	1.75	3.46	2.70	2.17	2.42	2.26	2.12	1.81
	-16.26	0.10	0.87	0.93	0.00	0.01	0.00	0.00	0.12	-1.10	3.88	3.12	2.03	3.50	-0.46	-1.52	-2.77	-21.44	-62.83	-33.34	-27.26	-8.55	0.00	0.00
NYPA__HELLGATE_GT1 24158	58.16	42.26	39.76	34.36	24.14	27.30	28.30	27.44	29.71	31.08	30.64	32.07	29.98	30.09	26.22	24.13	30.32	58.83	46.02	35.60	38.97	38.12	38.14	32.92
	1.58	1.55	1.00	1.11	1.27	1.93	2.05	2.00	1.91	2.05	2.32	2.40	2.25	2.27	2.08	1.82	2.25	4.23	3.50	2.70	2.90	2.70	2.60	2.33
	-36.64	-19.86	-25.40	-19.06	-6.14	-0.47	0.00	-0.01	-2.02	-1.91	-0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
NYPA__HELLGATE_GT2 24159	58.16	42.26	39.76	34.36	24.14	27.30	28.30	27.44	29.71	31.08	30.64	32.07	29.98	30.09	26.22	24.13	30.32	58.83	46.02	35.60	38.97	38.12	38.14	32.92
	1.58	1.55	1.00	1.11	1.27	1.93	2.05	2.00	1.91	2.05	2.32	2.40	2.25	2.27	2.08	1.82	2.25	4.23	3.50	2.70	2.90	2.70	2.60	2.33
	-36.64	-19.86	-25.40	-19.06	-6.14	-0.47	0.00	-0.01	-2.02	-1.91	-0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
NYS_BARGE__HYD 23848	18.00	18.73	12.01	12.77	15.08	22.35	23.59	23.18	23.73	22.83	19.62	18.91	16.98	19.39	20.03	20.41	23.42	35.78	26.58	27.05	32.37	32.12	32.47	27.86
	-1.94	-2.11	-1.34	-1.41	-1.64	-2.54	-2.66	-2.25	-2.04	-2.18	-2.48	-2.28	-2.00	-2.02	-1.94	-1.86	-2.53	-5.07	-3.60	-2.94	-3.56	-3.30	-3.06	-2.73
	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	8.48	8.75	6.40	2.17	0.04	2.12	13.75	12.34	2.90	0.14	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	18.89 -1.05 0.00	19.70 -1.14 0.00	12.67 -0.72 -0.04	13.42 -0.77 0.00	15.84 -0.89 0.00	23.53 -1.37 0.00	24.82 -1.43 0.00	24.26 -1.18 0.00	24.77 -1.01 0.00	26.00 -1.12 0.00	26.90 -1.38 0.00	28.40 -1.27 0.00	26.64 -1.09 0.00	26.69 -1.13 0.00	23.13 -1.01 0.00	21.38 -0.92 0.00	26.78 -1.29 0.00	51.87 -2.74 0.00	40.57 -1.95 0.00	31.40 -1.49 0.00	34.33 -1.74 0.00	33.78 -1.63 0.00	33.96 -1.57 0.00	29.15 -1.45 0.00
OAKDALE___35_KV_LOAD 356122	19.89 -0.05 0.00	20.77 -0.08 0.00	13.42 -0.04 -0.11	14.15 -0.03 0.00	16.70 -0.03 0.00	24.85 -0.05 0.00	26.12 -0.12 0.00	25.46 0.02 0.00	25.78 0.00 0.00	27.18 0.07 0.00	28.30 0.03 0.00	29.70 0.02 0.00	27.77 0.04 0.00	27.85 0.03 0.00	24.10 -0.04 0.00	22.23 -0.08 0.00	28.10 0.04 0.00	54.62 0.02 0.00	42.49 -0.03 0.00	32.83 -0.05 0.00	36.00 -0.07 0.00	35.27 -0.14 0.00	35.32 -0.21 0.00	30.46 -0.13 0.00
OCC_CHEM___DRP 24175	17.77 -2.17 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.63 -1.55 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.56 0.00	23.42 -2.36 0.00	22.27 -2.58 2.27	18.75 -2.86 6.66	17.86 -2.67 9.14	15.91 -2.39 9.43	18.59 -2.32 6.91	19.63 -2.17 2.34	20.16 -2.10 0.04	22.84 -2.94 2.29	33.69 -6.08 14.84	24.91 -4.29 13.32	26.38 -3.39 3.13	31.87 -4.05 0.15	31.70 -3.71 0.00	32.05 -3.48 0.00	27.49 -3.10 0.00
OH_GEN_PROXY 24063	18.02 -1.92 0.00	18.78 -2.06 0.00	12.05 -1.30 0.01	12.81 -1.37 0.00	15.13 -1.59 0.00	22.44 -2.46 0.00	23.64 -2.61 0.00	23.19 -2.24 0.00	23.72 -2.06 0.00	22.93 -2.25 1.94	20.02 -2.56 5.70	19.46 -2.39 7.82	17.53 -2.13 8.07	19.84 -2.07 5.91	20.22 -1.91 2.00	20.42 -1.85 0.04	23.50 -2.61 1.96	36.54 -5.37 12.69	27.22 -3.91 11.39	27.17 -3.05 2.67	32.39 -3.56 0.13	32.14 -3.28 0.00	32.45 -3.08 0.00	27.86 -2.74 0.00
OLIN_CORP_DRP 24177	17.75 -2.19 0.00	18.49 -2.36 0.00	11.85 -1.48 0.02	12.60 -1.58 0.00	14.88 -1.84 0.00	22.05 -2.79 0.00	23.28 -2.96 0.00	22.87 -2.56 0.00	23.42 -2.36 0.00	22.27 -2.55 2.30	18.72 -2.80 6.76	17.78 -2.61 9.28	15.83 -2.33 9.57	18.52 -2.28 7.01	19.58 -2.18 2.38	20.13 -2.13 0.04	22.88 -2.87 2.33	33.80 -5.75 15.05	24.88 -4.13 13.51	26.37 -3.35 3.17	31.88 -4.04 0.15	31.65 -3.76 0.00	32.01 -3.52 0.00	27.45 -3.14 0.00
OLIN_CORP_DSASP 323712	17.78 -2.16 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.64 -1.54 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.55 0.00	23.44 -2.34 0.00	22.31 -2.54 2.27	18.79 -2.82 6.66	17.92 -2.61 9.14	15.97 -2.33 9.43	18.63 -2.28 6.91	19.65 -2.15 2.34	20.17 -2.09 0.04	22.86 -2.92 2.29	33.76 -6.01 14.84	24.99 -4.21 13.32	26.40 -3.37 3.13	31.89 -4.03 0.15	31.70 -3.71 0.00	32.07 -3.46 0.00	27.52 -3.08 0.00
ONEIDA_HERK_LFGE 323681	20.10 0.01 -0.15	20.75 -0.09 0.00	13.30 -0.07 -0.01	14.12 -0.06 0.00	16.69 -0.03 0.00	24.82 -0.08 0.00	26.28 0.04 0.00	25.77 0.15 -0.18	26.91 0.14 -0.99	28.27 0.05 -1.11	29.41 0.00 -1.13	30.96 0.12 -1.17	28.80 -0.04 -1.12	28.82 -0.12 -1.12	25.07 -0.11 -1.04	23.16 -0.14 -1.00	29.11 0.01 -1.03	56.14 0.18 -1.36	43.81 0.11 -1.17	34.24 0.11 -1.23	37.56 0.18 -1.31	36.70 0.10 -1.19	36.87 0.04 -1.30	31.68 -0.10 -1.19
ONEIDA___115KV_TB4 55905	20.19 0.25 0.00	21.06 0.21 0.00	13.51 0.13 -0.02	14.32 0.14 0.00	16.91 0.19 0.00	25.17 0.28 0.00	26.56 0.32 0.00	25.86 0.42 0.00	26.19 0.42 0.00	27.57 0.46 0.00	28.75 0.48 0.00	30.16 0.48 0.00	28.08 0.35 0.00	28.16 0.34 0.00	24.46 0.32 0.00	22.49 0.18 0.00	28.52 0.45 0.00	55.66 1.06 0.00	43.37 0.85 0.00	33.52 0.63 0.00	36.74 0.67 0.00	35.98 0.57 0.00	36.01 0.48 0.00	30.93 0.33 0.00
ONONDAGA_REF_OCCRA 23987	19.75 -0.19 0.00	20.62 -0.23 0.00	13.24 -0.15 -0.04	14.03 -0.15 0.00	16.54 -0.18 0.00	24.61 -0.28 0.00	25.93 -0.31 0.00	25.23 -0.21 0.00	25.60 -0.18 0.00	26.97 -0.15 0.00	28.06 -0.21 0.00	29.43 -0.24 0.00	27.53 -0.19 0.00	27.62 -0.20 0.00	23.90 -0.24 0.00	22.12 -0.18 0.00	27.89 -0.18 0.00	54.30 -0.30 0.00	42.32 -0.20 0.00	32.71 -0.18 0.00	35.85 -0.22 0.00	35.14 -0.27 0.00	35.21 -0.32 0.00	30.29 -0.30 0.00
ONONDAGA___COGEN 23986	19.72 -0.22 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.18 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.80 -0.27 0.00	35.10 -0.31 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00
ONTARIO___LFGE 23819	19.50 -0.44 0.00	20.31 -0.53 0.00	13.10 -0.34 -0.09	13.83 -0.36 0.00	16.33 -0.39 0.00	24.30 -0.60 0.00	25.59 -0.65 0.00	25.01 -0.43 0.00	25.41 -0.37 0.00	28.15 -0.37 -1.41	31.82 -0.59 -4.14	34.59 -0.71 -5.64	33.03 -0.52 -5.82	31.56 -0.56 -4.30	24.96 -0.64 -1.46	21.83 -0.50 -0.03	28.88 -0.61 -1.42	62.47 -1.35 -9.22	49.89 -0.91 -8.28	34.25 -0.58 -1.94	35.53 -0.63 -0.09	34.70 -0.71 0.00	34.80 -0.73 0.00	29.94 -0.66 0.00
ORANGEVILLE_WT_PWR 323706	18.24 -1.71 0.00	18.87 -1.98 0.00	11.85 -1.29 0.21	12.83 -1.36 0.00	15.20 -1.53 0.00	22.56 -2.34 0.00	23.82 -2.43 0.00	23.42 -2.01 0.00	23.81 -1.97 0.00	15.61 -2.19 9.31	-1.59 -2.47 27.39	-10.19 -2.44 37.42	-13.04 -2.14 38.63	-2.93 -2.33 28.42	12.34 -2.17 9.63	20.16 -1.97 0.18	16.06 -2.59 9.42	-11.37 -4.97 61.00	-15.92 -3.68 54.76	17.05 -2.99 12.85	32.24 -3.22 0.60	32.35 -3.06 0.00	32.69 -2.83 0.00	28.32 -2.28 0.00
ORANGEVILLE___ESR 323794	18.24 -1.71 0.00	18.87 -1.98 0.00	11.85 -1.29 0.21	12.83 -1.36 0.00	15.20 -1.53 0.00	22.56 -2.34 0.00	23.82 -2.43 0.00	23.42 -2.01 0.00	23.81 -1.97 0.00	15.61 -2.19 9.31	-1.59 -2.47 27.39	-10.19 -2.44 37.42	-13.04 -2.14 38.63	-2.93 -2.33 28.42	12.34 -2.17 9.63	20.16 -1.97 0.18	16.06 -2.59 9.42	-11.37 -4.97 61.00	-15.92 -3.68 54.76	17.05 -2.99 12.85	32.24 -3.22 0.60	32.35 -3.06 0.00	32.69 -2.83 0.00	28.32 -2.28 0.00
OSWEGATCHIE___HYD 24044	20.01 -0.64 -0.72	20.09 -0.76 0.00	12.85 -0.52 -0.01	13.66 -0.53 0.00	16.18 -0.55 0.00	24.08 -0.82 0.00	25.59 -0.65 0.00	25.64 -0.66 -0.86	29.87 -0.68 -4.78	31.53 -0.93 -5.35	32.64 -1.11 -5.47	34.31 -1.01 -5.64	31.96 -1.17 -5.40	32.08 -1.16 -5.42	28.16 -1.01 -5.03	26.22 -0.91 -4.82	31.51 -1.10 -4.54	57.43 -1.96 -4.78	45.25 -1.56 -4.29	37.79 -1.07 -5.97	41.30 -1.09 -6.32	40.11 -1.03 -5.73	40.81 -0.99 -6.27	35.28 -1.04 -5.73
OSWEGO___5 23606	19.41 -0.53 0.00	20.27 -0.57 0.00	13.01 -0.36 -0.02	13.80 -0.38 0.00	16.27 -0.45 0.00	24.20 -0.70 0.00	25.51 -0.73 0.00	24.79 -0.65 0.00	25.15 -0.63 0.00	26.46 -0.66 0.00	27.56 -0.72 0.00	28.92 -0.75 0.00	27.03 -0.69 0.00	27.12 -0.69 0.00	23.50 -0.64 0.00	21.74 -0.57 0.00	27.36 -0.70 0.00	53.22 -1.38 0.00	41.48 -1.05 0.00	32.08 -0.82 0.00	35.15 -0.92 0.00	34.49 -0.92 0.00	34.59 -0.94 0.00	29.77 -0.83 0.00

OSWEGO___6 23613	19.41 -0.53 0.00	20.27 -0.57 0.00	13.01 -0.36 -0.02	13.80 -0.38 0.00	16.27 -0.45 0.00	24.20 -0.70 0.00	25.51 -0.73 0.00	24.79 -0.65 0.00	25.15 -0.63 0.00	26.46 -0.66 0.00	27.56 -0.72 0.00	28.92 -0.75 0.00	27.03 -0.69 0.00	27.12 -0.69 0.00	23.50 -0.64 0.00	21.74 -0.57 0.00	27.36 -0.70 0.00	53.22 -1.38 0.00	41.48 -1.05 0.00	32.08 -0.82 0.00	35.15 -0.92 0.00	34.49 -0.92 0.00	34.59 -0.94 0.00	29.77 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	18.15 -1.79 0.00	18.88 -1.96 0.00	12.10 -1.24 0.02	12.87 -1.32 0.00	15.20 -1.53 0.00	22.54 -2.36 0.00	23.77 -2.48 0.00	23.35 -2.09 0.00	23.88 -1.90 0.00	22.62 -2.07 2.43	18.80 -2.34 7.13	17.72 -2.17 9.79	15.71 -1.92 10.10	18.55 -1.87 7.40	19.87 -1.76 2.51	20.54 -1.72 0.05	23.22 -2.40 2.45	33.77 -4.95 15.89	24.79 -3.47 14.26	26.78 -2.76 3.35	32.61 -3.30 0.16	32.39 -3.03 0.00	32.71 -2.81 0.00	28.08 -2.52 0.00
OXBOW___BTM 323836	17.96 -1.99 0.00	18.69 -2.15 0.00	11.97 -1.36 0.02	12.75 -1.44 0.00	15.05 -1.68 0.00	22.30 -2.60 0.00	23.52 -2.73 0.00	23.10 -2.34 0.00	23.64 -2.14 0.00	22.47 -2.30 2.35	18.79 -2.58 6.90	17.83 -2.37 9.47	15.84 -2.12 9.77	18.59 -2.07 7.16	19.75 -1.97 2.43	20.36 -1.90 0.04	23.04 -2.66 2.37	33.78 -5.46 15.37	24.89 -3.83 13.80	26.58 -3.08 3.24	32.24 -3.68 0.15	32.02 -3.39 0.00	32.37 -3.16 0.00	27.79 -2.81 0.00
OXBOW____ 24026	17.95 -1.99 0.00	18.69 -2.15 0.00	11.98 -1.36 0.02	12.74 -1.44 0.00	15.05 -1.68 0.00	22.30 -2.60 0.00	23.52 -2.73 0.00	23.10 -2.34 0.00	23.63 -2.15 0.00	22.43 -2.34 2.35	18.75 -2.62 6.90	17.77 -2.44 9.47	15.78 -2.17 9.77	18.55 -2.11 7.16	19.74 -1.98 2.43	20.35 -1.91 0.04	23.02 -2.68 2.37	33.70 -5.54 15.37	24.82 -3.90 13.80	26.57 -3.09 3.24	32.22 -3.70 0.15	32.03 -3.39 0.00	32.35 -3.17 0.00	27.76 -2.83 0.00
OXY_CHEM_DSASP 323612	17.77 -2.17 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.63 -1.55 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.56 0.00	23.42 -2.36 0.00	22.27 -2.58 2.27	18.75 -2.86 6.66	17.86 -2.67 9.14	15.91 -2.39 9.43	18.59 -2.32 6.91	19.63 -2.17 2.34	20.16 -2.10 0.04	22.84 -2.94 2.29	33.69 -6.08 14.84	24.91 -4.29 13.32	26.38 -3.39 3.13	31.87 -4.05 0.15	31.70 -3.71 0.00	32.05 -3.48 0.00	27.49 -3.10 0.00
OZONE_PARK_ESR 323760	58.57 1.78 -36.85	40.10 1.90 -17.35	36.56 1.23 -21.97	31.93 1.30 -16.45	23.58 1.49 -5.37	27.23 2.10 -0.23	28.51 2.27 0.00	27.64 2.21 0.00	29.65 2.18 -1.69	31.09 2.38 -1.59	30.87 2.56 -0.04	32.29 2.62 0.00	30.21 2.48 0.00	30.32 2.50 0.00	26.39 2.25 0.00	24.30 2.00 0.00	30.55 2.48 0.00	59.29 4.68 0.00	46.24 3.72 0.00	35.82 2.93 0.00	39.22 3.15 0.00	38.36 2.95 0.00	38.39 2.86 0.00	33.12 2.53 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	17.77 -2.17 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.63 -1.55 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.56 0.00	23.42 -2.36 0.00	22.27 -2.58 2.27	18.75 -2.86 6.66	17.86 -2.67 9.14	15.91 -2.39 9.43	18.59 -2.32 6.91	19.63 -2.17 2.34	20.16 -2.10 0.04	22.84 -2.94 2.29	33.69 -6.08 14.84	24.91 -4.29 13.32	26.38 -3.39 3.13	31.87 -4.05 0.15	31.70 -3.71 0.00	32.05 -3.48 0.00	27.49 -3.10 0.00
PACKARD___115KV_DUPONT_184 80571	17.77 -2.17 0.00	18.53 -2.32 0.00	11.88 -1.46 0.02	12.63 -1.55 0.00	14.92 -1.80 0.00	22.11 -2.79 0.00	23.31 -2.94 0.00	22.88 -2.56 0.00	23.42 -2.36 0.00	22.27 -2.58 2.27	18.75 -2.86 6.66	17.86 -2.67 9.14	15.91 -2.39 9.43	18.59 -2.32 6.91	19.63 -2.17 2.34	20.16 -2.10 0.04	22.84 -2.94 2.29	33.69 -6.08 14.84	24.91 -4.29 13.32	26.38 -3.39 3.13	31.87 -4.05 0.15	31.70 -3.71 0.00	32.05 -3.48 0.00	27.49 -3.10 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	58.35 1.67 -36.74	42.67 1.71 -20.12	40.22 1.10 -25.76	34.69 1.17 -19.33	24.29 1.34 -6.22	27.43 2.04 -0.49	28.40 2.15 0.00	27.55 2.10 -0.01	29.85 2.02 -2.06	31.25 2.20 -1.94	30.75 2.43 -0.04	32.17 2.50 0.00	30.08 2.36 0.00	30.10 2.28 0.00	26.23 2.09 0.00	24.16 1.85 -0.01	30.36 2.29 0.00	58.97 4.37 0.00	46.08 3.55 0.00	35.64 2.74 -0.01	39.05 2.98 0.00	38.18 2.76 -0.01	38.18 2.64 0.00	32.95 2.35 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	58.72 2.04 -36.74	43.06 2.10 -20.12	40.48 1.36 -25.76	34.96 1.44 -19.33	24.61 1.67 -6.22	27.94 2.55 -0.49	28.94 2.70 0.00	28.08 2.64 -0.01	30.37 2.54 -2.06	31.81 2.75 -1.94	31.31 2.99 -0.04	32.72 3.05 0.00	30.57 2.84 0.00	30.60 2.78 0.00	26.69 2.55 0.00	24.60 2.29 -0.01	30.90 2.82 0.00	60.08 5.48 0.00	46.94 4.42 0.00	36.28 3.38 -0.01	39.75 3.68 0.00	38.88 3.46 -0.01	38.88 3.34 0.00	33.55 2.95 0.00
PATROON___115KV_TB1 80586	20.63 0.69 0.00	21.57 0.73 0.00	14.26 0.48 -0.42	14.68 0.50 0.00	17.30 0.58 0.00	25.71 0.82 0.00	27.11 0.87 0.00	26.28 0.85 0.00	26.60 0.82 0.00	27.94 0.83 0.00	29.31 1.03 0.00	30.73 1.06 0.00	28.74 1.01 0.00	28.77 0.95 0.00	24.96 0.82 0.00	23.08 0.78 0.00	29.00 0.93 0.00	56.47 1.87 0.00	43.96 1.43 0.00	33.93 1.04 0.00	37.18 1.11 0.00	36.43 1.02 0.00	36.60 1.07 0.00	31.57 0.98 0.00
PATTRSNVILLE___SOLAR 323815	20.84 0.90 0.00	21.76 0.92 0.00	14.40 0.58 -0.46	14.80 0.61 0.00	17.45 0.73 0.00	25.95 1.05 0.00	27.38 1.14 0.00	26.55 1.12 0.00	26.77 1.00 0.00	28.11 0.99 0.00	29.56 1.29 0.00	30.75 1.08 0.00	28.51 0.79 0.00	28.33 0.51 0.00	24.38 0.24 0.00	22.53 0.23 0.00	28.57 0.50 0.00	56.56 1.96 0.00	44.33 1.81 0.00	34.43 1.54 0.00	37.77 1.70 0.00	37.04 1.62 0.00	37.08 1.55 0.00	31.87 1.28 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	18.60 -1.35 0.00	19.34 -1.50 0.00	12.38 -0.96 0.02	13.18 -1.00 0.00	15.57 -1.15 0.00	23.13 -1.77 0.00	24.37 -1.88 0.00	23.93 -1.51 0.00	24.39 -1.39 0.00	23.14 -1.46 2.51	19.24 -1.64 7.39	17.96 -1.58 10.13	15.90 -1.37 10.46	18.84 -1.31 7.67	20.27 -1.27 2.60	20.96 -1.29 0.05	23.76 -1.77 2.54	34.55 -3.60 16.46	25.13 -2.62 14.78	27.33 -2.09 3.47	33.46 -2.45 0.16	33.14 -2.27 0.00	33.39 -2.14 0.00	28.72 -1.88 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	21.41 1.47 0.00	22.40 1.55 0.00	14.71 1.00 -0.35	15.24 1.06 0.00	17.93 1.21 0.00	26.66 1.76 0.00	28.09 1.85 0.00	27.26 1.82 0.00	27.57 1.80 0.00	29.09 1.97 0.00	30.41 2.13 0.00	31.85 2.18 0.00	29.76 2.03 0.00	29.87 2.05 0.00	25.98 1.84 0.00	23.92 1.61 0.00	30.15 2.09 0.00	58.67 4.07 0.00	45.72 3.19 0.00	35.36 2.47 0.00	38.74 2.67 0.00	37.90 2.49 0.00	37.92 2.39 0.00	32.68 2.08 0.00
PEEKSKILL____ 23653	14.17 1.35 7.12	22.33 1.44 -0.04	15.18 0.94 -0.89	15.58 0.99 -0.41	17.85 1.12 0.00	26.53 1.63 -0.01	27.95 1.71 0.00	27.11 1.67 0.00	27.45 1.62 -0.05	28.95 1.79 -0.05	30.21 1.94 0.00	31.64 1.97 0.00	29.60 1.87 0.00	29.73 1.91 0.00	25.85 1.72 0.00	23.80 1.50 0.00	29.95 1.88 0.00	58.21 3.61 0.00	45.37 2.85 0.00	35.11 2.22 0.00	38.45 2.39 0.00	37.63 2.22 0.00	37.67 2.14 0.00	32.49 1.90 0.00

PGE MADISON___WINDPWR 24146	19.83 -0.11 0.00	20.74 -0.10 0.00	13.46 -0.01 -0.12	14.29 0.11 0.00	16.89 0.17 0.00	25.21 0.31 0.00	26.55 0.31 0.00	25.89 0.46 0.00	26.42 0.65 0.00	28.04 0.43 -0.50	30.25 0.50 -1.47	31.98 0.31 -2.01	29.83 0.03 -2.07	29.50 0.16 -1.53	24.76 0.11 -0.52	22.50 0.19 -0.01	29.52 0.94 -0.51	60.20 2.32 -3.27	46.51 1.05 -2.94	34.01 0.43 -0.69	36.73 0.63 -0.03	36.02 0.61 0.00	35.83 0.31 0.00	30.85 0.25 0.00
PIERCEFIELD___HYD 23852	20.42 -0.58 -1.06	20.24 -0.60 0.00	12.95 -0.41 0.00	13.76 -0.42 0.00	16.28 -0.44 0.00	24.33 -0.57 0.00	25.78 -0.46 0.00	26.03 -0.67 -1.27	32.13 -0.68 -7.04	34.15 -0.84 -7.87	35.35 -0.98 -8.06	36.99 -0.99 -8.31	34.65 -1.03 -7.96	34.86 -0.94 -7.99	30.74 -0.80 -7.41	28.64 -0.77 -7.10	33.64 -1.07 -6.64	59.48 -2.02 -6.90	47.20 -1.52 -6.20	40.64 -1.05 -8.80	44.27 -1.11 -9.31	42.92 -0.94 -8.45	43.94 -0.83 -9.24	38.19 -0.84 -8.43
PINELAWN_CC_1 323563	37.79 1.59 -16.26	22.61 1.88 0.10	13.75 1.26 0.87	14.58 1.33 0.93	18.15 1.43 0.00	26.80 1.92 0.01	28.39 2.15 0.00	27.32 1.88 0.00	27.51 1.85 0.12	30.37 1.83 -1.43	31.58 1.98 -1.33	32.28 2.05 -0.56	29.52 1.80 0.00	29.67 1.86 0.00	30.57 1.70 -4.73	25.47 1.48 -1.69	32.97 1.84 -3.06	82.22 3.58 -24.03	116.77 2.85 -71.40	73.06 2.28 -37.90	72.60 2.49 -34.04	51.62 2.32 -13.89	37.76 2.23 0.00	32.53 1.93 0.00
PJM_GEN_HTP_PROXY 323702	10.52 1.56 10.97	31.64 1.69 -9.11	27.98 1.11 -13.51	25.36 1.17 -10.01	20.82 1.32 -2.78	26.97 1.93 -0.14	28.28 2.04 0.00	27.41 1.98 0.00	28.99 1.94 -1.28	30.43 2.11 -1.21	30.57 2.27 -0.03	31.99 2.32 0.00	29.93 2.20 0.00	30.04 2.22 0.00	26.14 2.00 0.00	24.07 1.76 0.00	30.25 2.19 0.00	58.71 4.11 0.00	45.77 3.24 0.00	35.45 2.56 0.00	38.81 2.74 0.00	37.96 2.55 0.00	38.01 2.48 0.00	32.80 2.21 0.00
PJM_GEN_KEystone 24065	21.06 0.15 -0.97	22.11 0.13 -1.14	15.16 0.09 -1.71	15.44 0.10 -1.15	17.19 0.12 -0.35	25.05 0.14 -0.02	26.34 0.10 0.00	25.67 0.23 0.00	26.08 0.19 -0.12	27.03 0.33 0.41	27.07 0.32 1.53	27.93 0.36 2.10	25.96 0.40 2.17	26.64 0.41 1.59	23.92 0.31 0.54	22.43 0.14 0.01	27.69 0.14 0.52	51.43 0.22 3.40	39.69 0.22 3.05	32.30 0.13 0.71	36.10 0.06 0.03	35.41 -0.01 0.00	35.50 -0.02 0.00	30.66 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.61 1.41 -16.26	22.40 1.66 0.10	13.62 1.14 0.87	14.45 1.20 0.93	18.00 1.28 0.00	26.59 1.70 0.01	28.17 1.93 0.00	27.11 1.67 0.00	27.34 1.68 0.12	30.03 1.73 -1.19	31.26 1.87 -1.12	31.67 1.95 -0.05	29.46 1.74 0.00	29.61 1.79 0.00	29.02 1.63 -3.25	25.13 1.41 -1.42	32.37 1.73 -2.57	77.51 3.30 -19.61	101.64 2.57 -56.56	64.99 2.03 -30.07	60.92 2.19 -22.66	42.56 1.99 -5.16	37.45 1.93 0.01	32.29 1.69 0.00
PJM_GEN_VFT_PROXY 323633	58.36 1.57 -36.85	39.90 1.71 -17.35	36.43 1.11 -21.97	31.80 1.16 -16.45	23.42 1.33 -5.37	27.02 1.90 -0.23	28.23 1.99 0.00	27.38 1.94 0.00	29.37 1.91 -1.69	30.80 2.09 -1.59	30.54 2.22 -0.04	31.94 2.27 0.00	29.90 2.17 0.00	30.01 2.19 0.00	26.12 1.98 0.00	24.02 1.72 0.00	30.20 2.14 0.00	58.60 3.99 0.00	45.70 3.18 0.00	35.41 2.52 0.00	38.74 2.67 0.00	37.89 2.47 0.00	37.93 2.40 0.00	32.74 2.14 0.00
PLATSBURG_115KV_PMLD1 355749	13.03 -0.53 6.38	20.35 -0.50 0.00	13.05 -0.30 0.00	13.86 -0.32 0.00	16.39 -0.34 0.00	24.63 -0.27 0.00	26.14 -0.10 0.00	17.29 -0.51 7.64	-17.41 -0.75 42.44	-21.25 -0.87 47.49	-21.25 -0.93 48.60	-21.53 -1.06 50.15	-21.24 -0.98 47.99	-21.23 -0.89 48.16	-21.18 -0.68 44.65	-21.20 -0.67 42.83	-21.22 -0.98 48.30	-21.22 -2.06 73.76	-21.25 -1.60 62.18	-21.29 -1.15 53.03	-21.25 -1.22 56.10	-16.67 -1.03 51.06	-21.31 -0.95 55.88	-21.29 -0.88 51.01
PLEASANTVLY___LBMP 24000	21.17 1.23 0.00	22.16 1.31 0.00	14.57 0.86 -0.36	15.08 0.90 0.00	17.75 1.03 0.00	26.38 1.48 0.00	27.78 1.53 0.00	26.94 1.50 0.00	27.23 1.45 0.00	28.71 1.60 0.00	30.02 1.75 0.00	31.46 1.78 0.00	29.43 1.70 0.00	29.53 1.71 0.00	25.68 1.54 0.00	23.64 1.34 0.00	29.76 1.70 0.00	57.88 3.28 0.00	45.07 2.55 0.00	34.83 1.94 0.00	38.16 2.09 0.00	37.38 1.97 0.00	37.43 1.90 0.00	32.29 1.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.72 1.42 -11.35	22.30 1.53 0.07	13.85 1.00 0.50	14.58 1.05 0.65	17.92 1.20 0.00	26.62 1.73 0.01	28.05 1.81 0.00	27.20 1.76 0.00	27.41 1.72 0.08	28.92 1.89 0.08	30.32 2.05 0.00	31.75 2.08 0.00	29.72 1.99 0.00	29.81 1.99 0.00	25.94 1.80 0.00	23.88 1.58 0.00	30.05 1.98 0.00	58.40 3.80 0.00	45.51 2.99 0.00	35.21 2.32 0.00	38.56 2.49 0.00	37.74 2.33 0.00	37.78 2.25 0.00	32.59 2.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.72 1.42 -11.35	22.30 1.53 0.07	13.85 1.00 0.50	14.58 1.05 0.65	17.92 1.20 0.00	26.62 1.73 0.01	28.05 1.81 0.00	27.20 1.76 0.00	27.41 1.72 0.08	28.92 1.89 0.08	30.32 2.05 0.00	31.75 2.08 0.00	29.72 1.99 0.00	29.81 1.99 0.00	25.94 1.80 0.00	23.88 1.58 0.00	30.05 1.98 0.00	58.40 3.80 0.00	45.51 2.99 0.00	35.21 2.32 0.00	38.56 2.49 0.00	37.74 2.33 0.00	37.78 2.25 0.00	32.59 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.77 1.35 -0.47	22.31 1.44 -0.02	14.65 0.93 -0.36	15.17 0.99 0.00	17.85 1.12 -0.01	26.52 1.62 0.00	27.94 1.70 0.00	27.11 1.67 0.00	27.41 1.64 0.00	28.92 1.81 0.00	30.24 1.97 0.00	31.67 2.00 0.00	29.58 1.86 0.00	29.68 1.86 0.00	25.80 1.67 0.00	23.73 1.43 0.00	29.95 1.88 0.00	58.34 3.74 0.00	45.45 2.93 0.00	35.15 2.26 0.00	38.51 2.44 0.00	37.69 2.28 0.00	37.71 2.19 0.00	32.50 1.90 0.00
POLETTI_____ 23519	58.32 1.64 -36.74	39.96 1.78 -17.34	36.47 1.16 -21.96	31.84 1.21 -16.44	23.48 1.38 -5.37	27.11 1.98 -0.23	28.33 2.09 0.00	27.48 2.04 0.00	29.48 2.01 -1.69	30.90 2.19 -1.59	30.66 2.35 -0.04	32.07 2.40 0.00	30.01 2.28 0.00	30.12 2.30 0.00	26.21 2.07 0.00	24.13 1.82 0.00	30.33 2.26 0.00	58.86 4.25 0.00	45.89 3.36 0.00	35.55 2.66 0.00	38.90 2.83 0.00	38.05 2.64 0.00	38.09 2.56 0.00	32.87 2.27 0.00
POMONA___ESR 323819	16.61 1.23 4.56	21.92 1.30 0.22	14.54 0.84 -0.34	15.07 0.88 0.00	17.66 1.01 0.08	26.36 1.46 0.00	27.77 1.52 0.00	26.95 1.51 0.00	27.22 1.44 0.00	28.75 1.64 0.00	30.04 1.77 0.00	31.48 1.81 0.00	29.45 1.72 0.00	29.59 1.77 0.00	25.73 1.59 0.00	23.68 1.38 0.00	29.78 1.72 0.00	57.92 3.31 0.00	45.15 2.63 0.00	34.92 2.03 0.00	38.24 2.17 0.00	37.39 1.97 0.00	37.43 1.90 0.00	32.29 1.69 0.00
PORT_JEFF_3 23555	37.82 1.61 -16.26	22.69 1.95 0.10	13.80 1.31 0.87	14.63 1.38 0.93	18.21 1.49 0.00	26.86 1.98 0.01	28.46 2.22 0.00	27.38 1.95 0.00	27.56 1.90 0.12	30.09 1.69 -1.29	31.32 1.84 -1.21	31.84 1.91 -0.26	29.38 1.65 0.00	29.55 1.74 0.00	29.59 1.59 -3.85	25.29 1.46 -1.53	32.68 1.84 -2.77	79.76 3.67 -21.49	108.39 2.87 -63.00	68.62 2.30 -33.43	66.02 2.57 -27.38	46.45 2.40 -8.64	37.77 2.25 0.00	32.50 1.90 0.00

PORT_JEFF_4 23616	37.82 1.61 -16.26	22.69 1.95 0.10	13.80 1.31 0.87	14.63 1.38 0.93	18.21 1.49 0.00	26.86 1.98 0.01	28.46 2.22 0.00	27.38 1.95 0.00	27.56 1.90 0.12	30.09 1.69 -1.29	31.32 1.84 -1.21	31.84 1.91 -0.26	29.38 1.65 0.00	29.55 1.74 0.00	29.59 1.59 -3.85	25.29 1.46 -1.53	32.68 1.84 -2.77	79.76 3.67 -21.49	108.39 2.87 -63.00	68.62 2.30 -33.43	66.02 2.57 -27.38	46.45 2.40 -8.64	37.77 2.25 0.00	32.50 1.90 0.00
PORT_JEFF_IC 23713	37.83 1.63 -16.26	22.70 1.96 0.10	13.80 1.32 0.87	14.64 1.39 0.93	18.22 1.50 0.00	26.87 1.98 0.01	28.48 2.24 0.00	27.40 1.96 0.00	27.57 1.91 0.12	30.43 1.71 -1.61	40.34 1.85 -10.21	37.84 1.92 -6.25	32.97 1.65 -3.59	35.77 1.74 -6.21	35.59 1.60 -9.85	25.30 1.47 -1.53	32.71 1.86 -2.78	79.90 3.72 -21.58	108.73 2.94 -63.26	68.81 2.35 -33.57	66.27 2.62 -27.58	46.63 2.43 -8.79	37.80 2.27 0.00	32.53 1.93 0.00
PPL PILGRIM_ST_GT1 24216	37.90 1.69 -16.26	22.74 2.00 0.10	13.83 1.34 0.87	14.67 1.42 0.93	18.25 1.53 0.00	26.93 2.04 0.01	28.55 2.31 0.00	27.46 2.03 0.00	27.64 1.99 0.12	30.32 1.89 -1.31	31.56 2.06 -1.23	32.11 2.13 -0.31	29.58 1.85 0.00	29.76 1.94 0.00	29.89 1.75 -3.99	25.41 1.55 -1.55	32.83 1.95 -2.82	80.30 3.79 -21.91	109.59 2.68 -64.39	69.15 2.09 -34.17	66.83 2.33 -28.44	47.29 2.43 -9.45	37.90 2.38 0.00	32.64 2.04 0.00
PPL PILGRIM_ST_GT2 24217	37.90 1.69 -16.26	22.74 2.00 0.10	13.83 1.34 0.87	14.67 1.42 0.93	18.25 1.53 0.00	26.93 2.04 0.01	28.55 2.31 0.00	27.46 2.03 0.00	27.64 1.99 0.12	30.32 1.89 -1.31	31.56 2.06 -1.23	32.11 2.13 -0.31	29.58 1.85 0.00	29.76 1.94 0.00	29.89 1.75 -3.99	25.41 1.55 -1.55	32.83 1.95 -2.82	80.30 3.79 -21.91	109.59 2.68 -64.39	69.15 2.09 -34.17	66.83 2.33 -28.44	47.29 2.43 -9.45	37.90 2.38 0.00	32.64 2.04 0.00
PPL_SHRM_GT3 24213	37.72 1.51 -16.26	22.68 1.94 0.10	13.79 1.31 0.87	14.62 1.37 0.93	18.19 1.48 0.00	26.83 1.95 0.01	28.44 2.20 0.00	27.36 1.93 0.00	27.50 1.84 0.12	28.72 1.31 -0.29	2.53 1.33 27.07	12.55 1.42 18.54	17.66 1.23 11.29	9.61 1.30 19.51	10.46 1.22 14.90	25.11 1.28 -1.53	32.47 1.63 -2.78	79.43 3.31 -21.52	108.24 2.64 -63.07	68.54 2.17 -33.47	65.97 2.46 -27.44	46.37 2.27 -8.69	37.50 1.97 0.00	32.23 1.63 0.00
PPL_SHRM_GT4 24214	37.72 1.51 -16.26	22.68 1.94 0.10	13.79 1.31 0.87	14.62 1.37 0.93	18.19 1.48 0.00	26.83 1.95 0.01	28.44 2.20 0.00	27.36 1.93 0.00	27.50 1.84 0.12	28.72 1.31 -0.29	2.53 1.33 27.07	12.55 1.42 18.54	17.66 1.23 11.29	9.61 1.30 19.51	10.46 1.22 14.90	25.11 1.28 -1.53	32.47 1.63 -2.78	79.43 3.31 -21.52	108.24 2.64 -63.07	68.54 2.17 -33.47	65.97 2.46 -27.44	46.37 2.27 -8.69	37.50 1.97 0.00	32.23 1.63 0.00
PROJECT___ORANGE 1 24174	19.64 -0.30 0.00	20.50 -0.34 0.00	13.17 -0.22 -0.03	13.95 -0.23 0.00	16.46 -0.27 0.00	24.48 -0.42 0.00	25.79 -0.45 0.00	25.09 -0.35 0.00	25.46 -0.32 0.00	26.81 -0.31 0.00	27.91 -0.37 0.00	29.28 -0.39 0.00	27.39 -0.34 0.00	27.48 -0.34 0.00	23.80 -0.34 0.00	22.03 -0.28 0.00	27.73 -0.33 0.00	53.99 -0.61 0.00	42.07 -0.45 0.00	32.52 -0.37 0.00	35.63 -0.44 0.00	34.94 -0.47 0.00	35.00 -0.53 0.00	30.13 -0.46 0.00
PROJECT___ORANGE 2 24166	19.64 -0.30 0.00	20.50 -0.34 0.00	13.17 -0.22 -0.03	13.95 -0.23 0.00	16.46 -0.27 0.00	24.48 -0.42 0.00	25.79 -0.45 0.00	25.09 -0.35 0.00	25.46 -0.32 0.00	26.81 -0.31 0.00	27.91 -0.37 0.00	29.28 -0.39 0.00	27.39 -0.34 0.00	27.48 -0.34 0.00	23.80 -0.34 0.00	22.03 -0.28 0.00	27.73 -0.33 0.00	53.99 -0.61 0.00	42.07 -0.45 0.00	32.52 -0.37 0.00	35.63 -0.44 0.00	34.94 -0.47 0.00	35.00 -0.53 0.00	30.13 -0.46 0.00
PUCKETT___SOLAR 323809	19.91 -0.03 0.00	20.79 -0.05 0.00	13.45 -0.01 -0.11	14.20 0.02 0.00	16.78 0.06 0.00	24.98 0.09 0.00	26.27 0.02 0.00	25.57 0.14 0.00	25.92 0.15 0.00	27.25 0.13 0.00	28.35 0.08 0.00	29.65 -0.02 0.00	27.67 -0.06 0.00	27.85 0.03 0.00	24.06 -0.09 0.00	22.25 -0.05 0.00	28.30 0.24 0.00	55.03 0.43 0.00	42.70 0.18 0.00	32.96 0.07 0.00	36.20 0.14 0.00	35.47 0.05 0.00	35.44 -0.09 0.00	30.54 -0.06 0.00
PYRITES___HYD 24023	20.86 -0.03 -0.95	20.82 -0.03 0.00	13.31 -0.04 0.00	14.14 -0.04 0.00	16.73 0.01 0.00	25.02 0.11 0.00	26.46 0.21 0.00	26.58 0.00 -1.14	32.12 0.02 -6.32	34.10 -0.09 -7.08	35.20 -0.31 -7.24	36.86 -0.28 -7.47	34.50 -0.38 -7.15	34.74 -0.25 -7.18	30.49 -0.30 -6.66	28.41 -0.28 -6.39	33.42 -0.48 -5.82	59.63 -0.59 -5.62	47.25 -0.40 -5.13	40.69 -0.11 -7.91	44.37 -0.07 -8.37	43.08 0.08 -7.59	44.02 0.18 -8.31	38.18 0.00 -7.58
QUAKERRD_115KV_BK1 80622	18.67 -1.27 0.00	19.48 -1.37 0.00	12.53 -0.87 -0.04	13.26 -0.92 0.00	15.65 -1.07 0.00	23.26 -1.64 0.00	24.53 -1.72 0.00	23.95 -1.49 0.00	24.42 -1.36 0.00	25.64 -1.48 0.00	26.55 -1.72 0.00	28.01 -1.66 0.00	26.24 -1.49 0.00	26.32 -1.50 0.00	22.81 -1.33 0.00	21.10 -1.20 0.00	26.44 -1.62 0.00	51.23 -3.37 0.00	40.04 -2.48 0.00	31.01 -1.88 0.00	33.93 -2.14 0.00	33.36 -2.05 0.00	33.50 -2.02 0.00	28.76 -1.84 0.00
QUENSBRY_115KV_TB8 356137	21.33 1.39 0.00	22.32 1.48 0.00	14.71 0.93 -0.43	15.17 0.99 0.00	17.86 1.14 0.00	26.54 1.65 0.00	28.02 1.78 0.00	27.23 1.79 0.00	27.58 1.81 0.00	29.16 2.05 0.00	30.39 2.11 0.00	31.81 2.14 0.00	29.70 1.98 0.00	29.65 1.83 0.00	25.49 1.35 0.00	23.61 1.31 0.00	29.96 1.89 0.00	58.44 3.84 0.00	45.32 2.80 0.00	34.96 2.07 0.00	38.48 2.41 0.00	38.05 2.63 0.00	37.90 2.37 0.00	32.61 2.01 0.00
RAMAPO___LBMP 323565	17.23 1.12 3.83	21.84 1.19 0.19	14.46 0.77 -0.34	14.99 0.80 0.00	17.57 0.92 0.06	26.23 1.33 0.00	27.63 1.38 0.00	26.80 1.37 0.00	27.07 1.29 0.00	28.60 1.49 0.00	29.88 1.61 0.00	31.30 1.63 0.00	29.30 1.57 0.00	29.44 1.62 0.00	25.58 1.44 0.00	23.54 1.23 0.00	29.59 1.52 0.00	57.57 2.96 0.00	44.89 2.36 0.00	34.71 1.82 0.00	38.02 1.95 0.00	37.17 1.75 0.00	37.21 1.67 0.00	32.11 1.51 0.00
RANKINE____ 23646	18.35 -1.59 0.00	19.08 -1.77 0.00	12.19 -1.13 0.03	12.99 -1.19 0.00	15.35 -1.37 0.00	22.79 -2.11 0.00	24.03 -2.22 0.00	23.59 -1.84 0.00	24.09 -1.69 0.00	22.33 -1.85 2.94	17.51 -2.10 8.66	15.82 -1.98 11.87	13.72 -1.76 12.25	17.10 -1.73 8.99	19.49 -1.61 3.05	20.68 -1.56 0.05	22.92 -2.16 2.98	30.83 -4.48 19.29	21.97 -3.23 17.32	26.30 -2.52 4.06	32.98 -2.90 0.19	32.76 -2.66 0.00	33.03 -2.50 0.00	28.43 -2.17 0.00
RAVENSWOOD_GT2_1 24244	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.11 1.95 -0.27	28.31 2.07 0.00	27.44 2.00 0.00	29.80 1.97 -2.06	31.19 2.14 -1.94	30.63 2.31 -0.04	32.03 2.36 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.17 2.04 0.00	24.10 1.80 0.00	30.29 2.23 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.51 2.62 0.00	38.86 2.79 0.00	38.03 2.62 0.00	38.06 2.53 0.00	32.85 2.26 0.00

RAVENSWOOD_GT2_2 24245	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.11 1.95 -0.27	28.31 2.07 0.00	27.44 2.00 0.00	29.80 1.97 -2.06	31.19 2.14 -1.94	30.63 2.31 -0.04	32.03 2.36 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.17 2.04 0.00	24.10 1.80 0.00	30.29 2.23 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.51 2.62 0.00	38.86 2.79 0.00	38.03 2.62 0.00	38.06 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD_GT2_3 24246	58.29 1.61 -36.74	42.70 1.73 -20.12	40.24 1.13 -25.76	34.70 1.19 -19.33	24.30 1.36 -6.22	27.12 1.96 -0.27	28.31 2.07 0.00	27.45 2.01 0.00	29.81 1.98 -2.06	31.21 2.15 -1.94	30.64 2.31 -0.04	32.04 2.37 0.00	29.99 2.26 0.00	30.08 2.26 0.00	26.19 2.05 0.00	24.11 1.80 0.00	30.31 2.24 0.00	58.81 4.21 0.00	45.86 3.33 0.00	35.52 2.63 0.00	38.88 2.81 0.00	38.04 2.62 0.00	38.08 2.55 0.00	32.86 2.27 0.00
RAVENSWOOD_GT2_4 24247	58.29 1.61 -36.74	42.70 1.73 -20.12	40.24 1.13 -25.76	34.70 1.19 -19.33	24.30 1.36 -6.22	27.12 1.96 -0.27	28.31 2.07 0.00	27.45 2.01 0.00	29.81 1.98 -2.06	31.21 2.15 -1.94	30.64 2.31 -0.04	32.04 2.37 0.00	29.99 2.26 0.00	30.08 2.26 0.00	26.19 2.05 0.00	24.11 1.80 0.00	30.31 2.24 0.00	58.81 4.21 0.00	45.86 3.33 0.00	35.52 2.63 0.00	38.88 2.81 0.00	38.04 2.62 0.00	38.08 2.55 0.00	32.86 2.27 0.00
RAVENSWOOD_GT3_1 24248	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.11 1.95 -0.27	28.31 2.07 0.00	27.44 2.00 0.00	29.80 1.97 -2.06	31.20 2.14 -1.94	30.63 2.31 -0.04	32.03 2.36 0.00	29.97 2.25 0.00	30.07 2.25 0.00	26.17 2.04 0.00	24.10 1.80 0.00	30.29 2.23 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.51 2.62 0.00	38.86 2.79 0.00	38.03 2.62 0.00	38.06 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD_GT3_2 24249	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.11 1.95 -0.27	28.31 2.07 0.00	27.44 2.00 0.00	29.80 1.97 -2.06	31.20 2.14 -1.94	30.63 2.31 -0.04	32.03 2.36 0.00	29.97 2.25 0.00	30.07 2.25 0.00	26.17 2.04 0.00	24.10 1.80 0.00	30.29 2.23 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.51 2.62 0.00	38.86 2.79 0.00	38.03 2.62 0.00	38.06 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD_GT3_3 24250	58.31 1.63 -36.74	42.71 1.75 -20.12	40.25 1.14 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.14 1.98 -0.27	28.33 2.09 0.00	27.48 2.04 0.00	29.84 2.00 -2.06	31.24 2.18 -1.94	30.67 2.35 -0.04	32.07 2.40 0.00	30.01 2.28 0.00	30.12 2.30 0.00	26.21 2.07 0.00	24.14 1.83 0.00	30.34 2.28 0.00	58.88 4.27 0.00	45.91 3.39 0.00	35.56 2.67 0.00	38.92 2.86 0.00	38.08 2.66 0.00	38.11 2.59 0.00	32.89 2.29 0.00
RAVENSWOOD_GT3_4 24251	58.31 1.63 -36.74	42.71 1.75 -20.12	40.25 1.14 -25.76	34.71 1.20 -19.33	24.32 1.37 -6.22	27.14 1.98 -0.27	28.33 2.09 0.00	27.48 2.04 0.00	29.84 2.00 -2.06	31.24 2.18 -1.94	30.67 2.35 -0.04	32.07 2.40 0.00	30.01 2.28 0.00	30.12 2.30 0.00	26.21 2.07 0.00	24.14 1.83 0.00	30.34 2.28 0.00	58.88 4.27 0.00	45.91 3.39 0.00	35.56 2.67 0.00	38.92 2.86 0.00	38.08 2.66 0.00	38.11 2.59 0.00	32.89 2.29 0.00
RAVENSWOOD_GT_1 23729	58.34 1.66 -36.74	42.89 1.75 -20.29	40.53 1.14 -26.04	35.95 1.21 -20.56	27.29 1.39 -9.17	29.93 2.05 -2.98	30.66 2.16 -2.25	29.92 2.11 -2.37	32.02 2.05 -4.19	33.18 2.23 -3.83	32.68 2.42 -1.99	33.66 2.48 -1.51	31.93 2.36 -1.85	32.02 2.34 -1.85	29.45 2.15 -3.16	27.12 1.91 -2.91	32.69 2.34 -2.28	58.93 4.33 0.00	46.01 3.49 0.00	36.73 2.77 -1.07	40.98 2.95 -1.96	39.42 2.77 -1.24	39.15 2.67 -0.95	34.57 2.39 -1.58
RAVENSWOOD_GT_10 24258	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.09 1.95 -0.25	28.30 2.06 0.00	27.44 2.00 0.00	29.79 1.96 -2.06	31.19 2.14 -1.94	30.62 2.30 -0.04	32.03 2.35 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.79 0.00	30.29 2.22 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.50 2.61 0.00	38.86 2.79 0.00	38.02 2.60 0.00	38.05 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD_GT_11 24259	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.09 1.95 -0.25	28.30 2.06 0.00	27.44 2.00 0.00	29.79 1.96 -2.06	31.19 2.14 -1.94	30.62 2.30 -0.04	32.03 2.35 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.79 0.00	30.29 2.22 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.50 2.61 0.00	38.86 2.79 0.00	38.02 2.60 0.00	38.05 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD_GT_4 24252	58.28 1.60 -36.74	42.81 1.72 -20.25	40.45 1.12 -25.97	35.64 1.18 -20.27	26.54 1.35 -8.47	28.82 1.93 -1.99	30.00 2.04 -1.71	29.23 1.99 -1.80	31.41 1.95 -3.68	32.63 2.13 -3.38	32.09 2.29 -1.53	33.15 2.34 -1.15	31.36 2.23 -1.41	31.47 2.24 -1.41	28.56 2.02 -2.40	26.29 1.77 -2.21	32.01 2.21 -1.73	58.76 4.16 0.00	45.80 3.28 0.00	36.29 2.58 -0.82	40.32 2.76 -1.50	38.94 2.58 -0.94	38.76 2.51 -0.73	34.03 2.23 -1.20
RAVENSWOOD_GT_5 24254	58.28 1.60 -36.74	42.81 1.72 -20.25	40.45 1.12 -25.97	35.64 1.18 -20.27	26.54 1.35 -8.47	28.82 1.93 -1.99	30.00 2.04 -1.71	29.23 1.99 -1.80	31.41 1.95 -3.68	32.63 2.13 -3.38	32.09 2.29 -1.53	33.15 2.34 -1.15	31.36 2.23 -1.41	31.47 2.24 -1.41	28.56 2.02 -2.40	26.29 1.77 -2.21	32.01 2.21 -1.73	58.76 4.16 0.00	45.80 3.28 0.00	36.29 2.58 -0.82	40.32 2.76 -1.50	38.94 2.58 -0.94	38.76 2.51 -0.73	34.03 2.23 -1.20
RAVENSWOOD_GT_6 24253	58.28 1.60 -36.74	42.81 1.72 -20.25	40.45 1.12 -25.97	35.64 1.18 -20.27	26.54 1.35 -8.47	28.82 1.93 -1.99	30.00 2.04 -1.71	29.23 1.99 -1.80	31.41 1.95 -3.68	32.63 2.13 -3.38	32.09 2.29 -1.53	33.15 2.34 -1.15	31.36 2.23 -1.41	31.47 2.24 -1.41	28.56 2.02 -2.40	26.29 1.77 -2.21	32.01 2.21 -1.73	58.76 4.16 0.00	45.80 3.28 0.00	36.29 2.58 -0.82	40.32 2.76 -1.50	38.94 2.58 -0.94	38.76 2.51 -0.73	34.03 2.23 -1.20
RAVENSWOOD_GT_7 24255	58.28 1.60 -36.74	42.81 1.72 -20.25	40.45 1.12 -25.97	35.64 1.18 -20.27	26.54 1.35 -8.47	28.82 1.93 -1.99	30.00 2.04 -1.71	29.23 1.99 -1.80	31.41 1.95 -3.68	32.63 2.13 -3.38	32.09 2.29 -1.53	33.15 2.34 -1.15	31.36 2.23 -1.41	31.47 2.24 -1.41	28.56 2.02 -2.40	26.29 1.77 -2.21	32.01 2.21 -1.73	58.76 4.16 0.00	45.80 3.28 0.00	36.29 2.58 -0.82	40.32 2.76 -1.50	38.94 2.58 -0.94	38.76 2.51 -0.73	34.03 2.23 -1.20
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.09 1.95 -0.25	28.30 2.06 0.00	27.44 2.00 0.00	29.79 1.96 -2.06	31.19 2.14 -1.94	30.62 2.30 -0.04	32.03 2.35 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.79 0.00	30.29 2.22 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.50 2.61 0.00	38.86 2.79 0.00	38.02 2.60 0.00	38.05 2.53 0.00	32.85 2.26 0.00

RAVENSWOOD_GT_9 24257	58.29 1.61 -36.74	42.69 1.72 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.09 1.95 -0.25	28.30 2.06 0.00	27.44 2.00 0.00	29.79 1.96 -2.06	31.19 2.14 -1.94	30.62 2.30 -0.04	32.03 2.35 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.17 2.03 0.00	24.09 1.79 0.00	30.29 2.22 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.50 2.61 0.00	38.86 2.79 0.00	38.02 2.60 0.00	38.05 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD___1 23533	58.31 1.64 -36.74	42.53 1.73 -19.96	39.96 1.12 -25.49	33.50 1.20 -18.12	21.42 1.37 -3.32	24.96 2.03 1.96	26.17 2.14 2.22	25.20 2.09 2.33	27.77 2.03 0.04	29.39 2.20 -0.08	28.80 2.39 1.87	30.65 2.46 1.48	28.24 2.33 1.82	28.32 2.33 1.83	23.17 2.14 3.10	21.35 1.89 2.85	28.17 2.34 2.23	58.90 4.29 0.00	45.99 3.47 0.00	34.61 2.76 1.05	37.08 2.94 1.93	36.97 2.76 1.21	37.27 2.67 0.93	31.43 2.39 1.55
RAVENSWOOD___2 23534	58.26 1.58 -36.74	42.65 1.68 -20.12	40.18 1.07 -25.76	34.66 1.14 -19.33	24.29 1.35 -6.22	27.38 1.99 -0.49	28.34 2.10 0.00	27.49 2.05 -0.01	29.82 1.99 -2.06	31.22 2.16 -1.94	30.67 2.36 -0.04	32.08 2.41 0.00	30.01 2.29 0.00	30.10 2.28 0.00	26.24 2.10 0.00	24.16 1.86 -0.01	30.36 2.29 0.00	58.68 4.08 0.00	45.85 3.33 0.00	35.61 2.71 -0.01	38.95 2.87 0.00	38.12 2.70 -0.01	38.13 2.60 0.00	32.94 2.34 0.00
RAVENSWOOD___3 23535	58.29 1.61 -36.74	42.69 1.73 -20.12	40.24 1.12 -25.76	34.70 1.18 -19.33	24.30 1.35 -6.22	27.11 1.95 -0.27	28.31 2.07 0.00	27.44 2.01 0.00	29.80 1.97 -2.06	31.20 2.14 -1.94	30.63 2.30 -0.04	32.03 2.36 0.00	29.97 2.24 0.00	30.07 2.25 0.00	26.18 2.04 0.00	24.10 1.80 0.00	30.29 2.23 0.00	58.78 4.18 0.00	45.84 3.32 0.00	35.51 2.62 0.00	38.86 2.79 0.00	38.03 2.62 0.00	38.06 2.53 0.00	32.85 2.26 0.00
RAVENSWOOD___4 23820	58.31 1.64 -36.74	42.53 1.73 -19.96	39.96 1.12 -25.49	33.50 1.20 -18.12	21.42 1.37 -3.32	24.96 2.03 1.96	26.17 2.14 2.22	25.20 2.09 2.33	27.77 2.03 0.04	29.39 2.20 -0.08	28.80 2.39 1.87	30.65 2.46 1.48	28.24 2.33 1.82	28.32 2.33 1.83	23.17 2.14 3.10	21.35 1.89 2.85	28.17 2.34 2.23	58.90 4.29 0.00	45.99 3.47 0.00	34.61 2.76 1.05	37.08 2.94 1.93	36.97 2.76 1.21	37.27 2.67 0.93	31.43 2.39 1.55
RCPL_TRUST___DRP 24196	10.52 1.56 10.97	31.63 1.68 -9.11	27.97 1.11 -13.51	25.36 1.17 -10.01	20.82 1.32 -2.78	26.97 1.93 -0.14	28.28 2.04 0.00	27.41 1.98 0.00	28.99 1.94 -1.28	30.43 2.11 -1.21	30.57 2.27 -0.03	31.99 2.32 0.00	29.94 2.21 0.00	30.04 2.22 0.00	26.14 2.00 0.00	24.07 1.76 0.00	30.25 2.19 0.00	58.71 4.11 0.00	45.77 3.25 0.00	35.45 2.56 0.00	38.81 2.74 0.00	37.97 2.55 0.00	38.01 2.48 0.00	32.81 2.21 0.00
RED___ROCHESTER 323720	19.00 -0.94 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.85 0.00	26.17 -0.94 0.00	27.08 -1.20 0.00	28.61 -1.06 0.00	26.82 -0.91 0.00	26.88 -0.94 0.00	23.29 -0.85 0.00	21.54 -0.76 0.00	26.98 -1.09 0.00	52.28 -2.32 0.00	40.89 -1.63 0.00	31.64 -1.25 0.00	34.59 -1.48 0.00	34.02 -1.39 0.00	34.19 -1.34 0.00	29.33 -1.27 0.00
REGAN___SOLAR 323812	21.02 1.08 0.00	21.94 1.10 0.00	14.51 0.69 -0.47	14.91 0.73 0.00	17.58 0.86 0.00	26.17 1.27 0.00	27.62 1.37 0.00	26.81 1.37 0.00	26.95 1.18 0.00	28.42 1.31 0.00	29.91 1.64 0.00	31.07 1.40 0.00	28.65 0.92 0.00	28.22 0.40 0.00	24.35 0.21 0.00	22.61 0.30 0.00	28.65 0.58 0.00	56.72 2.12 0.00	44.78 2.26 0.00	34.81 1.91 0.00	38.17 2.10 0.00	37.40 1.98 0.00	37.43 1.90 0.00	32.14 1.54 0.00
RENSSELAER___COGEN 23796	20.55 0.61 0.00	21.49 0.65 0.00	14.20 0.43 -0.42	14.63 0.45 0.00	17.24 0.52 0.00	25.62 0.72 0.00	27.00 0.76 0.00	26.18 0.74 0.00	26.49 0.71 0.00	27.81 0.70 0.00	29.16 0.88 0.00	30.59 0.92 0.00	28.60 0.88 0.00	28.64 0.82 0.00	24.85 0.71 0.00	22.97 0.67 0.00	28.83 0.76 0.00	56.14 1.54 0.00	43.72 1.20 0.00	33.73 0.84 0.00	36.99 0.92 0.00	36.25 0.84 0.00	36.41 0.88 0.00	31.42 0.82 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.06 2.11 0.00	23.16 2.31 0.00	15.21 1.43 -0.43	15.72 1.54 0.00	18.53 1.81 0.00	27.52 2.62 0.00	29.04 2.79 0.00	28.26 2.82 0.00	28.66 2.88 0.00	30.33 3.22 0.00	31.36 3.08 0.00	32.61 2.94 0.00	30.50 2.77 0.00	30.41 2.60 0.00	26.14 2.00 0.00	24.26 1.95 0.00	31.19 3.12 0.00	60.40 5.79 0.00	46.53 4.00 0.00	35.94 3.05 0.00	39.76 3.70 0.00	39.99 4.57 0.00	39.64 4.11 0.00	34.03 3.43 0.00
REVERE_CPPR_DRP 24186	20.30 0.36 0.00	21.15 0.30 0.00	13.56 0.18 -0.02	14.38 0.20 0.00	16.99 0.26 0.00	25.27 0.37 0.00	26.70 0.46 0.00	26.01 0.57 0.00	26.37 0.60 0.00	27.73 0.62 0.00	28.91 0.64 0.00	30.38 0.71 0.00	28.25 0.52 0.00	28.30 0.48 0.00	24.58 0.44 0.00	22.58 0.28 0.00	28.69 0.62 0.00	56.02 1.41 0.00	43.62 1.10 0.00	33.72 0.83 0.00	36.99 0.92 0.00	36.21 0.80 0.00	36.24 0.71 0.00	31.07 0.47 0.00
REYNOLDS_115KV_TB3 80639	20.72 0.78 0.00	21.67 0.82 0.00	14.32 0.55 -0.42	14.75 0.57 0.00	17.38 0.66 0.00	25.84 0.94 0.00	27.23 0.99 0.00	26.40 0.96 0.00	26.71 0.93 0.00	28.07 0.96 0.00	29.40 1.12 0.00	30.86 1.18 0.00	28.86 1.13 0.00	28.89 1.07 0.00	25.05 0.91 0.00	23.18 0.87 0.00	29.08 1.01 0.00	56.67 2.07 0.00	44.06 1.54 0.00	33.95 1.06 0.00	37.27 1.20 0.00	36.56 1.14 0.00	36.72 1.19 0.00	31.70 1.10 0.00
RIVERBAY____ 323610	58.72 2.04 -36.74	43.06 2.10 -20.12	40.48 1.36 -25.76	34.96 1.44 -19.33	24.61 1.67 -6.22	27.94 2.55 -0.49	28.94 2.70 0.00	28.08 2.64 -0.01	30.37 2.54 -2.06	31.81 2.75 -1.94	31.31 2.99 -0.04	32.72 3.05 0.00	30.57 2.84 0.00	30.60 2.78 0.00	26.69 2.55 0.00	24.60 2.29 -0.01	30.90 2.82 0.00	60.08 5.48 0.00	46.94 4.42 0.00	36.28 3.38 -0.01	39.75 3.68 0.00	38.88 3.46 -0.01	38.88 3.34 0.00	33.55 2.95 0.00
RIVERSDE_115KV_TB3 55908	20.64 0.70 0.00	21.58 0.74 0.00	14.26 0.49 -0.42	14.70 0.51 0.00	17.31 0.59 0.00	25.74 0.84 0.00	27.12 0.88 0.00	26.30 0.86 0.00	26.60 0.82 0.00	27.95 0.84 0.00	29.29 1.02 0.00	30.74 1.07 0.00	28.75 1.02 0.00	28.78 0.96 0.00	24.96 0.82 0.00	23.09 0.78 0.00	28.98 0.91 0.00	56.46 1.85 0.00	43.91 1.39 0.00	33.87 0.98 0.00	37.14 1.07 0.00	36.42 1.00 0.00	36.58 1.05 0.00	31.58 0.98 0.00
ROARING___BROOK_WT_PWR 323790	19.42 -0.52 0.00	20.24 -0.60 0.00	12.99 -0.36 0.00	13.80 -0.38 0.00	16.33 -0.39 0.00	24.37 -0.53 0.00	25.80 -0.45 0.00	24.99 -0.45 0.00	25.21 -0.57 0.00	26.46 -0.66 0.00	27.44 -0.84 0.00	28.96 -0.71 0.00	26.99 -0.74 0.00	27.01 -0.81 0.00	23.50 -0.64 0.00	21.64 -0.66 0.00	24.72 -0.88 2.47	43.32 -1.64 9.64	33.71 -1.38 7.43	31.93 -0.96 0.00	35.12 -0.95 0.00	34.56 -0.86 0.00	34.79 -0.74 0.00	29.87 -0.73 0.00

ROCHESRG_115KV_T4 355643	18.84 -1.11 0.00	19.65 -1.19 0.00	12.63 -0.75 -0.03	13.38 -0.80 0.00	15.79 -0.93 0.00	23.47 -1.43 0.00	24.75 -1.49 0.00	24.19 -1.25 0.00	24.68 -1.10 0.00	25.50 -1.22 0.39	25.65 -1.47 1.16	26.65 -1.38 1.65	24.83 -1.20 1.70	25.41 -1.21 1.20	22.65 -1.08 0.41	21.30 -0.99 0.01	26.27 -1.40 0.40	49.07 -2.96 2.57	38.09 -2.13 2.31	30.74 -1.61 0.54	34.16 -1.88 0.03	33.67 -1.75 0.00	33.84 -1.69 0.00	29.04 -1.56 0.00
ROCHESTER_9_IC 23652	18.92 -1.02 0.00	19.74 -1.10 0.00	12.70 -0.70 -0.04	13.44 -0.75 0.00	15.86 -0.86 0.00	23.57 -1.33 0.00	24.86 -1.39 0.00	24.30 -1.14 0.00	24.80 -0.97 0.00	26.03 -1.09 0.00	26.93 -1.35 0.00	28.44 -1.23 0.00	26.65 -1.07 0.00	26.73 -1.09 0.00	23.17 -0.97 0.00	21.43 -0.87 0.00	26.82 -1.25 0.00	51.94 -2.67 0.00	40.62 -1.90 0.00	31.46 -1.43 0.00	34.39 -1.68 0.00	33.85 -1.57 0.00	34.02 -1.52 0.00	29.18 -1.41 0.00
ROCKVIEW_13_KV_LD 356306	28.27 1.54 -6.78	22.82 1.65 -0.33	14.78 1.08 -0.35	15.31 1.13 0.00	18.13 1.29 -0.11	26.77 1.87 0.00	28.22 1.97 0.00	27.36 1.92 0.00	27.66 1.88 0.00	29.17 2.06 0.00	30.50 2.23 0.00	31.94 2.27 0.00	29.88 2.15 0.00	30.02 2.20 0.00	26.12 1.98 0.00	24.04 1.74 0.00	30.24 2.18 0.00	58.75 4.15 0.00	45.80 3.28 0.00	35.45 2.56 0.00	38.82 2.75 0.00	37.99 2.58 0.00	38.02 2.49 0.00	32.80 2.20 0.00
ROME____115KV_TB2 80656	20.30 0.36 0.00	21.15 0.30 0.00	13.56 0.18 -0.02	14.38 0.20 0.00	16.99 0.26 0.00	25.27 0.37 0.00	26.70 0.46 0.00	26.01 0.57 0.00	26.37 0.60 0.00	27.73 0.62 0.00	28.91 0.64 0.00	30.38 0.71 0.00	28.25 0.52 0.00	28.30 0.48 0.00	24.58 0.44 0.00	22.58 0.28 0.00	28.69 0.62 0.00	56.02 1.41 0.00	43.62 1.10 0.00	33.72 0.83 0.00	36.99 0.92 0.00	36.21 0.80 0.00	36.24 0.71 0.00	31.07 0.47 0.00
ROSETON___1 23587	22.33 1.17 -1.22	22.16 1.25 -0.06	14.52 0.82 -0.35	15.04 0.86 0.00	17.72 0.98 -0.02	26.31 1.41 0.00	27.70 1.46 0.00	26.87 1.43 0.00	27.16 1.38 0.00	28.65 1.53 0.00	29.94 1.67 0.00	31.37 1.70 0.00	29.34 1.62 0.00	29.45 1.64 0.00	25.61 1.47 0.00	23.58 1.27 0.00	29.66 1.59 0.00	57.68 3.08 0.00	44.93 2.41 0.00	34.74 1.85 0.00	38.05 1.99 0.00	37.26 1.85 0.00	37.32 1.78 0.00	32.18 1.59 0.00
ROSETON___2 23588	22.33 1.17 -1.22	22.16 1.25 -0.06	14.52 0.82 -0.35	15.04 0.86 0.00	17.72 0.98 -0.02	26.31 1.41 0.00	27.70 1.46 0.00	26.87 1.43 0.00	27.16 1.38 0.00	28.65 1.53 0.00	29.94 1.67 0.00	31.37 1.70 0.00	29.34 1.62 0.00	29.45 1.64 0.00	25.61 1.47 0.00	23.58 1.27 0.00	29.66 1.59 0.00	57.68 3.08 0.00	44.93 2.41 0.00	34.74 1.85 0.00	38.05 1.99 0.00	37.26 1.85 0.00	37.32 1.78 0.00	32.18 1.59 0.00
ROTRRDAM_115KV_TB3 80664	20.59 0.65 0.00	21.53 0.69 0.00	14.24 0.45 -0.04	14.65 0.47 0.00	17.26 0.54 0.00	25.66 0.77 0.00	27.05 0.81 0.00	26.24 0.80 0.00	26.55 0.78 0.00	27.96 0.84 0.00	29.22 0.95 0.00	30.63 0.96 0.00	28.61 0.89 0.00	28.64 0.82 0.00	24.84 0.70 0.00	22.96 0.66 0.00	28.91 0.84 0.00	56.43 1.83 0.00	43.92 1.39 0.00	33.93 1.04 0.00	37.24 1.17 0.00	36.54 1.12 0.00	36.63 1.10 0.00	31.56 0.96 0.00
RUSSELL___1 23602	19.00 -0.95 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.86 0.00	26.15 -0.96 0.00	27.06 -1.21 0.00	28.58 -1.09 0.00	26.78 -0.94 0.00	26.86 -0.96 0.00	23.28 -0.86 0.00	21.54 -0.77 0.00	26.97 -1.10 0.00	52.23 -2.38 0.00	40.86 -1.67 0.00	31.63 -1.26 0.00	34.57 -1.50 0.00	34.02 -1.39 0.00	34.18 -1.35 0.00	29.31 -1.28 0.00
RUSSELL___2 23532	19.00 -0.95 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.86 0.00	26.15 -0.96 0.00	27.06 -1.21 0.00	28.58 -1.09 0.00	26.78 -0.94 0.00	26.86 -0.96 0.00	23.28 -0.86 0.00	21.54 -0.77 0.00	26.97 -1.10 0.00	52.23 -2.38 0.00	40.86 -1.67 0.00	31.63 -1.26 0.00	34.57 -1.50 0.00	34.02 -1.39 0.00	34.18 -1.35 0.00	29.31 -1.28 0.00
RUSSELL___3 23549	19.00 -0.95 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.86 0.00	26.15 -0.96 0.00	27.06 -1.21 0.00	28.58 -1.09 0.00	26.78 -0.94 0.00	26.86 -0.96 0.00	23.28 -0.86 0.00	21.54 -0.77 0.00	26.97 -1.10 0.00	52.23 -2.38 0.00	40.86 -1.67 0.00	31.63 -1.26 0.00	34.57 -1.50 0.00	34.02 -1.39 0.00	34.18 -1.35 0.00	29.31 -1.28 0.00
RUSSELL___4 23556	19.00 -0.95 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.86 0.00	26.15 -0.96 0.00	27.06 -1.21 0.00	28.58 -1.09 0.00	26.78 -0.94 0.00	26.86 -0.96 0.00	23.28 -0.86 0.00	21.54 -0.77 0.00	26.97 -1.10 0.00	52.23 -2.38 0.00	40.86 -1.67 0.00	31.63 -1.26 0.00	34.57 -1.50 0.00	34.02 -1.39 0.00	34.18 -1.35 0.00	29.31 -1.28 0.00
RUSSELL___STATION 23914	19.00 -0.95 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.86 0.00	26.15 -0.96 0.00	27.06 -1.21 0.00	28.58 -1.09 0.00	26.78 -0.94 0.00	26.86 -0.96 0.00	23.28 -0.86 0.00	21.54 -0.77 0.00	26.97 -1.10 0.00	52.23 -2.38 0.00	40.86 -1.67 0.00	31.63 -1.26 0.00	34.57 -1.50 0.00	34.02 -1.39 0.00	34.18 -1.35 0.00	29.31 -1.28 0.00
S SALMON___HYD 24043	19.34 -0.60 0.00	20.14 -0.70 0.00	12.92 -0.46 -0.02	13.71 -0.47 0.00	16.19 -0.53 0.00	24.00 -0.90 0.00	25.38 -0.86 0.00	24.72 -0.71 0.00	25.10 -0.67 0.00	26.33 -0.79 0.00	27.39 -0.88 0.00	28.82 -0.85 0.00	26.76 -0.97 0.00	26.86 -0.96 0.00	23.27 -0.87 0.00	21.57 -0.73 0.00	27.16 -0.82 0.09	52.77 -1.50 0.34	41.06 -1.19 0.27	32.02 -0.88 0.00	35.12 -0.95 0.00	34.41 -1.01 0.00	34.54 -0.99 0.00	29.64 -0.96 0.00
S.PERRY__115KV_TB1 80734	19.15 -0.80 0.00	19.90 -0.94 0.00	13.07 -0.62 -0.34	13.52 -0.66 0.00	16.01 -0.71 0.00	23.83 -1.07 0.00	25.13 -1.11 0.00	24.69 -0.75 0.00	25.12 -0.65 0.00	35.76 -0.96 -9.60	55.18 -1.34 -28.24	66.75 -1.41 -38.49	66.46 -1.00 -39.74	55.77 -1.35 -29.30	32.82 -1.25 -9.93	21.44 -1.04 -0.18	36.56 -1.23 -9.71	115.19 -2.31 -62.90	97.29 -1.70 -56.47	44.98 -1.17 -13.25	35.46 -1.23 -0.62	34.21 -1.20 0.00	34.40 -1.12 0.00	29.57 -1.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.17 -1.77 0.00	18.91 -1.93 0.00	12.10 -1.23 0.03	12.89 -1.30 0.00	15.23 -1.49 0.00	22.59 -2.31 0.00	23.81 -2.43 0.00	23.37 -2.06 0.00	23.88 -1.89 0.00	22.23 -2.08 2.80	17.66 -2.36 8.25	16.15 -2.22 11.31	14.08 -1.98 11.67	17.34 -1.92 8.56	19.47 -1.77 2.90	20.54 -1.71 0.05	22.83 -2.40 2.84	31.24 -4.99 18.37	22.43 -3.60 16.49	26.23 -2.79 3.87	32.65 -3.24 0.18	32.45 -2.97 0.00	32.74 -2.79 0.00	28.14 -2.46 0.00

SAWYER___23_KV_LOAD 55526	18.17 -1.77 0.00	18.91 -1.93 0.00	12.10 -1.23 0.03	12.89 -1.30 0.00	15.23 -1.49 0.00	22.59 -2.31 0.00	23.81 -2.43 0.00	23.37 -2.06 0.00	23.88 -1.89 0.00	22.23 -2.08 2.80	17.66 -2.36 8.25	16.15 -2.22 11.31	14.08 -1.98 11.67	17.34 -1.92 8.56	19.47 -1.77 2.90	20.54 -1.71 0.05	22.83 -2.40 2.84	31.24 -4.99 18.37	22.43 -3.60 16.49	26.23 -2.79 3.87	32.65 -3.24 0.18	32.45 -2.97 0.00	32.74 -2.79 0.00	28.14 -2.46 0.00
SELKIRK___I 23801	20.63 0.69 0.00	21.58 0.74 0.00	14.26 0.49 -0.41	14.70 0.52 0.00	17.32 0.60 0.00	25.75 0.85 0.00	27.14 0.89 0.00	26.31 0.87 0.00	26.59 0.82 0.00	27.96 0.84 0.00	29.28 1.00 0.00	30.69 1.02 0.00	28.67 0.94 0.00	28.64 0.82 0.00	24.86 0.72 0.00	22.97 0.66 0.00	28.85 0.78 0.00	56.34 1.74 0.00	43.92 1.39 0.00	33.91 1.02 0.00	37.18 1.12 0.00	36.45 1.04 0.00	36.59 1.06 0.00	31.55 0.95 0.00
SELKIRK___II 23799	20.57 0.63 0.00	21.52 0.67 0.00	14.22 0.44 -0.42	14.65 0.46 0.00	17.25 0.53 0.00	25.65 0.75 0.00	27.03 0.78 0.00	26.20 0.77 0.00	26.52 0.74 0.00	27.88 0.76 0.00	29.18 0.90 0.00	30.61 0.94 0.00	28.60 0.88 0.00	28.66 0.84 0.00	24.87 0.72 0.00	22.98 0.68 0.00	28.86 0.79 0.00	56.22 1.61 0.00	43.77 1.25 0.00	33.79 0.90 0.00	37.05 0.99 0.00	36.33 0.92 0.00	36.46 0.93 0.00	31.45 0.86 0.00
SENECA OSWGO___HYD 24041	19.49 -0.45 0.00	20.35 -0.49 0.00	13.07 -0.32 -0.03	13.85 -0.34 0.00	16.33 -0.40 0.00	24.29 -0.61 0.00	25.60 -0.65 0.00	24.89 -0.55 0.00	25.26 -0.51 0.00	26.61 -0.51 0.00	27.70 -0.57 0.00	29.07 -0.61 0.00	27.11 -0.62 0.00	27.25 -0.57 0.00	23.59 -0.55 0.00	21.85 -0.46 0.00	27.50 -0.57 0.00	53.55 -1.06 0.00	41.71 -0.82 0.00	32.24 -0.65 0.00	35.35 -0.72 0.00	34.65 -0.76 0.00	34.74 -0.79 0.00	29.89 -0.71 0.00
SENECA___115KV_TB3 355854	18.38 -1.56 0.00	19.10 -1.75 0.00	12.21 -1.11 0.03	13.01 -1.17 0.00	15.38 -1.34 0.00	22.82 -2.08 0.00	24.06 -2.18 0.00	23.63 -1.81 0.00	24.12 -1.66 2.94	22.36 -1.81 8.66	17.56 -2.06 11.87	15.86 -1.94 12.25	13.75 -1.73 8.99	17.14 -1.69 0.00	19.52 -1.57 3.05	20.71 -1.53 0.05	22.96 -2.13 2.98	30.92 -4.39 19.29	22.04 -3.16 17.32	26.35 -2.48 4.06	33.04 -2.84 0.19	32.81 -2.61 0.00	33.08 -2.45 0.00	28.48 -2.12 0.00
SENECA___ENERGY 23797	19.45 -0.49 0.00	20.28 -0.56 0.00	13.06 -0.36 -0.06	13.81 -0.37 0.00	16.28 -0.45 0.00	24.22 -0.68 0.00	25.54 -0.70 0.00	24.92 -0.52 0.00	25.31 -0.46 0.00	27.27 -0.48 -0.64	29.54 -0.62 -1.89	31.57 -0.71 -2.61	29.84 -0.57 -2.68	29.21 -0.57 -1.96	24.15 -0.65 -0.66	21.79 -0.53 -0.01	28.09 -0.62 -0.65	57.44 -1.37 -4.20	45.36 -0.93 -3.77	33.13 -0.65 -0.89	35.39 -0.72 -0.04	34.63 -0.79 0.00	34.71 -0.81 0.00	29.83 -0.76 0.00
SHOEMAKER___GT 23640	18.69 0.94 2.19	21.73 0.99 0.11	14.33 0.65 -0.32	14.86 0.68 0.00	17.45 0.77 0.04	26.01 1.11 0.00	27.39 1.15 0.00	26.57 1.14 0.00	26.85 1.08 0.00	28.34 1.23 0.00	29.58 1.30 0.00	30.98 1.31 0.00	28.93 1.20 0.00	29.05 1.24 0.00	25.23 1.09 0.00	23.26 0.95 0.00	29.34 1.27 0.00	57.10 2.49 0.00	44.54 2.01 0.00	34.45 1.56 0.00	37.76 1.69 0.00	36.96 1.55 0.00	37.01 1.48 0.00	31.91 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	18.83 0.93 2.05	21.73 0.98 0.10	14.32 0.65 -0.32	14.86 0.68 0.00	17.45 0.77 0.03	26.00 1.10 0.00	27.39 1.15 0.00	26.57 1.13 0.00	26.85 1.07 0.00	28.34 1.23 0.00	29.58 1.31 0.00	30.99 1.32 0.00	28.96 1.23 0.00	29.08 1.26 0.00	25.25 1.11 0.00	23.28 0.98 0.00	29.35 1.28 0.00	57.11 2.51 0.00	44.54 2.02 0.00	34.45 1.56 0.00	37.75 1.68 0.00	36.95 1.54 0.00	36.99 1.46 0.00	31.90 1.31 0.00
SHOREHAM_IC_1 23715	37.72 1.51 -16.26	22.68 1.94 0.10	13.79 1.31 0.87	14.62 1.37 0.93	18.19 1.48 0.00	26.83 1.95 0.01	28.44 2.20 0.00	27.36 1.93 0.00	27.50 1.84 0.12	28.72 1.31 -0.29	2.53 1.33 27.07	12.55 1.42 18.54	17.66 1.23 11.29	9.61 1.30 19.51	10.46 1.22 14.90	25.11 1.28 -1.53	32.47 1.63 -2.78	79.43 3.31 -21.52	108.24 2.64 -63.07	68.54 2.17 -33.47	65.97 2.46 -27.44	46.37 2.27 -8.69	37.50 1.97 0.00	32.23 1.63 0.00
SHOREHAM_IC_2 23716	37.72 1.51 -16.26	22.68 1.94 0.10	13.79 1.31 0.87	14.62 1.37 0.93	18.19 1.48 0.00	26.83 1.95 0.01	28.44 2.20 0.00	27.36 1.93 0.00	27.50 1.84 0.12	28.72 1.31 -0.29	2.53 1.33 27.07	12.55 1.42 18.54	17.66 1.23 11.29	9.61 1.30 19.51	10.46 1.22 14.90	25.11 1.28 -1.53	32.47 1.63 -2.78	79.43 3.31 -21.52	108.24 2.64 -63.07	68.54 2.17 -33.47	65.97 2.46 -27.44	46.37 2.27 -8.69	37.50 1.97 0.00	32.23 1.63 0.00
SISSONVILLE____ 23735	20.42 -0.58 -1.06	20.24 -0.60 0.00	12.95 -0.41 0.00	13.76 -0.42 0.00	16.28 -0.44 0.00	24.33 -0.57 0.00	25.78 -0.46 0.00	26.03 -0.67 -1.27	32.13 -0.68 -7.04	34.15 -0.84 -7.87	35.35 -0.98 -8.06	36.99 -0.99 -8.31	34.65 -1.03 -7.96	34.86 -0.94 -7.99	30.74 -0.80 -7.41	28.64 -0.77 -7.10	33.64 -1.07 -6.64	59.48 -2.02 -6.90	47.20 -1.52 -6.20	40.64 -1.05 -8.80	44.27 -1.11 -9.31	42.92 -0.94 -8.45	43.94 -0.83 -9.24	38.19 -0.84 -8.43
SITHE_IND_GS1 24169	19.30 -0.65 0.00	20.15 -0.69 0.00	12.93 -0.44 -0.02	13.72 -0.47 0.00	16.17 -0.55 0.00	24.06 -0.84 0.00	25.36 -0.88 0.00	24.64 -0.80 0.00	25.00 -0.78 0.00	26.30 -0.82 0.00	27.39 -0.89 0.00	28.74 -0.93 0.00	26.88 -0.85 0.00	26.96 -0.86 0.00	23.37 -0.78 0.00	21.61 -0.70 0.00	27.19 -0.87 0.00	52.87 -1.73 0.00	41.20 -1.32 0.00	31.87 -1.02 0.00	34.93 -1.14 0.00	34.28 -1.14 0.00	34.38 -1.15 0.00	29.59 -1.01 0.00
SITHE_IND_GS2 24170	19.30 -0.65 0.00	20.15 -0.69 0.00	12.93 -0.44 -0.02	13.72 -0.47 0.00	16.17 -0.55 0.00	24.06 -0.84 0.00	25.36 -0.88 0.00	24.64 -0.80 0.00	25.00 -0.78 0.00	26.30 -0.82 0.00	27.39 -0.89 0.00	28.74 -0.93 0.00	26.88 -0.85 0.00	26.96 -0.86 0.00	23.37 -0.78 0.00	21.61 -0.70 0.00	27.19 -0.87 0.00	52.87 -1.73 0.00	41.20 -1.32 0.00	31.87 -1.02 0.00	34.93 -1.14 0.00	34.28 -1.14 0.00	34.38 -1.15 0.00	29.59 -1.01 0.00
SITHE_IND_GS3 24171	19.30 -0.65 0.00	20.15 -0.69 0.00	12.93 -0.44 -0.02	13.72 -0.47 0.00	16.17 -0.55 0.00	24.06 -0.84 0.00	25.36 -0.88 0.00	24.64 -0.80 0.00	25.00 -0.78 0.00	26.30 -0.82 0.00	27.39 -0.89 0.00	28.74 -0.93 0.00	26.88 -0.85 0.00	26.96 -0.86 0.00	23.37 -0.78 0.00	21.61 -0.70 0.00	27.19 -0.87 0.00	52.87 -1.73 0.00	41.20 -1.32 0.00	31.87 -1.02 0.00	34.93 -1.14 0.00	34.28 -1.14 0.00	34.38 -1.15 0.00	29.59 -1.01 0.00
SITHE_IND_GS4 24172	19.30 -0.65 0.00	20.15 -0.69 0.00	12.93 -0.44 -0.02	13.72 -0.47 0.00	16.17 -0.55 0.00	24.06 -0.84 0.00	25.36 -0.88 0.00	24.64 -0.80 0.00	25.00 -0.78 0.00	26.30 -0.82 0.00	27.39 -0.89 0.00	28.74 -0.93 0.00	26.88 -0.85 0.00	26.96 -0.86 0.00	23.37 -0.78 0.00	21.61 -0.70 0.00	27.19 -0.87 0.00	52.87 -1.73 0.00	41.20 -1.32 0.00	31.87 -1.02 0.00	34.93 -1.14 0.00	34.28 -1.14 0.00	34.38 -1.15 0.00	29.59 -1.01 0.00

SITHE___BATAVIA 24024	18.66 -1.28 0.00	19.43 -1.41 0.00	12.46 -0.89 0.00	13.23 -0.95 0.00	15.63 -1.10 0.00	23.21 -1.69 0.00	24.49 -1.76 0.00	24.04 -1.40 0.00	24.62 -1.16 0.00	24.36 -1.26 1.49	22.18 -1.71 4.38	22.12 -1.51 6.05	20.29 -1.20 6.24	21.80 -1.48 4.55	21.23 -1.37 1.54	21.09 -1.19 0.03	24.99 -1.57 1.51	41.63 -3.21 9.76	31.57 -2.19 8.76	29.12 -1.71 2.06	33.83 -2.15 0.10	33.42 -1.99 0.00	33.69 -1.84 0.00	28.87 -1.73 0.00
SITHE___INDEPEND 23800	19.30 -0.65 0.00	20.16 -0.69 0.00	12.93 -0.44 -0.02	13.72 -0.47 0.00	16.17 -0.55 0.00	24.06 -0.84 0.00	25.36 -0.88 0.00	24.64 -0.80 0.00	25.00 -0.78 0.00	26.29 -0.82 0.00	27.38 -0.89 0.00	28.74 -0.93 0.00	26.87 -0.85 0.00	26.96 -0.86 0.00	23.37 -0.77 0.00	21.61 -0.70 0.00	27.19 -0.88 0.00	52.86 -1.74 0.00	41.20 -1.32 0.00	31.87 -1.02 0.00	34.92 -1.14 0.00	34.28 -1.14 0.00	34.37 -1.16 0.00	29.59 -1.01 0.00
SITHE___MASSENA 23902	20.13 -0.06 -0.25	20.81 -0.04 0.00	13.32 -0.04 0.00	14.14 -0.04 0.00	16.71 -0.01 0.00	24.97 0.07 0.00	26.36 0.12 0.00	25.68 -0.06 -0.30	27.39 -0.04 -1.65	28.84 -0.13 -1.85	29.97 -0.19 -1.89	31.44 -0.19 -1.95	29.39 -0.21 -1.87	29.57 -0.13 -1.88	25.82 -0.06 -1.74	23.86 -0.11 -1.67	28.25 -0.26 -0.45	51.30 -0.58 2.72	40.22 -0.41 1.89	34.73 -0.23 -2.07	38.03 -0.23 -2.19	37.34 -0.06 -1.98	37.74 0.04 -2.17	32.55 -0.03 -1.98
SITHE___OGDNSBRG 24021	20.77 0.08 -0.74	20.94 0.10 0.00	13.39 0.03 0.00	14.23 0.04 0.00	16.83 0.10 0.00	25.16 0.26 0.00	26.58 0.34 0.00	26.46 0.12 -0.89	30.88 0.16 -4.94	32.72 0.07 -5.54	33.80 -0.14 -5.66	35.41 -0.11 -5.84	33.11 -0.21 -5.59	33.36 -0.07 -5.61	29.22 -0.13 -5.21	27.15 -0.15 -5.00	31.99 -0.31 -4.24	57.45 -0.32 -3.16	45.42 -0.16 -3.06	39.13 0.05 -6.18	42.73 0.11 -6.54	41.62 0.27 -5.94	42.41 0.38 -6.50	36.72 0.19 -5.93
SITHE___STERLING 23777	20.19 0.25 0.00	21.06 0.21 0.00	13.51 0.13 -0.02	14.32 0.14 0.00	16.91 0.19 0.00	25.17 0.28 0.00	26.56 0.32 0.00	25.86 0.42 0.00	26.19 0.42 0.00	27.57 0.46 0.00	28.75 0.47 0.00	30.16 0.48 0.00	28.08 0.35 0.00	28.16 0.34 0.00	24.46 0.32 0.00	22.49 0.18 0.00	28.52 0.45 0.00	55.66 1.06 0.00	43.37 0.85 0.00	33.52 0.63 0.00	36.74 0.67 0.00	35.98 0.57 0.00	36.01 0.48 0.00	30.93 0.33 0.00
SLEIGHT__34_KV_TB1 80719	19.12 -0.82 0.00	19.95 -0.89 0.00	12.82 -0.57 -0.04	13.58 -0.60 0.00	16.01 -0.71 0.00	23.81 -1.09 0.00	25.14 -1.11 0.00	24.53 -0.91 0.00	25.01 -0.77 0.00	26.25 -0.86 0.00	27.22 -1.05 0.00	28.60 -1.07 0.00	26.82 -0.90 0.00	26.93 -0.89 0.00	23.24 -0.90 0.00	21.51 -0.79 0.00	27.06 -1.00 0.00	52.52 -2.08 0.00	41.05 -1.47 0.00	31.79 -1.10 0.00	34.81 -1.26 0.00	34.18 -1.24 0.00	34.29 -1.24 0.00	29.41 -1.18 0.00
SOUTH CAIRO___GT 23612	21.10 1.16 0.00	22.05 1.21 0.00	14.52 0.77 -0.40	15.01 0.82 0.00	17.68 0.96 0.00	26.30 1.40 0.00	27.77 1.52 0.00	26.97 1.54 0.00	27.42 1.64 0.00	28.90 1.79 0.00	30.11 1.83 0.00	31.45 1.78 0.00	29.23 1.50 0.00	29.17 1.35 0.00	25.20 1.06 0.00	23.37 1.07 0.00	29.23 1.16 0.00	57.68 3.07 0.00	45.27 2.75 0.00	34.94 2.05 0.00	38.30 2.23 0.00	37.48 2.06 0.00	37.56 2.03 0.00	32.30 1.70 0.00
SOUTH HAMPTN___IC 23720	37.64 1.43 -16.26	22.57 1.82 0.10	13.72 1.24 0.87	14.54 1.29 0.93	18.10 1.38 0.00	26.70 1.82 0.01	28.34 2.10 0.00	27.27 1.83 0.00	27.39 1.74 0.12	26.92 1.28 1.47	-47.20 1.40 76.88	-20.62 1.36 51.65	-2.28 1.17 31.18	-24.75 1.28 53.85	-22.60 1.19 47.93	25.03 1.20 -1.53	32.39 1.56 -2.77	79.29 3.21 -21.48	108.07 2.60 -62.95	68.48 2.18 -33.40	65.89 2.47 -27.35	46.28 2.24 -8.61	37.47 1.94 0.00	32.18 1.58 0.00
SOUTHDOW_115KV_TB1 355954	18.89 -1.05 0.00	19.50 -1.35 0.00	12.51 -0.86 -0.02	13.32 -0.87 0.00	15.87 -0.85 0.00	23.76 -1.14 0.00	24.96 -1.29 0.00	24.23 -1.21 0.00	25.97 -1.13 -1.31	24.84 -0.87 1.40	23.07 -1.08 4.13	24.19 -0.99 4.50	20.89 -0.98 5.85	22.57 -0.97 4.28	21.82 -0.87 1.45	21.23 -1.05 0.03	25.19 -1.46 1.42	42.55 -2.87 9.18	32.17 -2.11 8.25	29.62 -1.34 1.94	34.84 -1.14 0.09	34.29 -1.12 0.00	34.24 -1.29 0.00	29.91 -0.69 0.00
SOUTHOLD_69_KV_BK 2 55809	37.38 1.18 -16.26	22.31 1.57 0.10	13.54 1.06 0.87	14.35 1.10 0.93	17.88 1.16 0.00	26.38 1.50 0.01	28.04 1.80 0.00	26.98 1.54 0.00	27.10 1.44 0.12	26.59 1.01 1.54	-49.07 1.27 78.61	-22.09 1.04 52.80	-3.29 0.85 31.87	-26.21 1.03 55.05	-24.01 0.93 49.08	24.77 0.94 -1.53	32.10 1.26 -2.77	78.78 2.69 -21.48	107.75 2.27 -62.95	68.23 1.93 -33.41	65.61 2.20 -27.35	45.98 1.95 -8.62	37.14 1.62 0.00	31.88 1.28 0.00
SOUTHOLD___IC 23719	37.38 1.17 -16.26	22.30 1.56 0.10	13.54 1.06 0.87	14.35 1.10 0.93	17.88 1.16 0.00	26.39 1.50 0.01	28.04 1.80 0.00	26.98 1.54 0.00	27.10 1.44 0.12	26.57 0.99 1.54	-49.10 1.24 78.61	-22.10 1.03 52.80	-3.29 0.85 31.87	-26.22 1.02 55.05	-24.02 0.93 49.08	24.77 0.94 -1.53	32.09 1.25 -2.77	78.77 2.68 -21.48	107.71 2.23 -62.95	68.22 1.92 -33.41	65.60 2.18 -27.35	45.98 1.95 -8.62	37.14 1.61 0.00	31.88 1.28 0.00
SOUTH_FORK_WT_PWR 323839	37.03 0.83 -16.26	21.95 1.21 0.10	13.32 0.83 0.87	14.11 0.86 0.93	17.59 0.87 0.00	25.95 1.06 0.01	27.62 1.37 0.00	26.56 1.12 0.00	26.67 1.02 0.12	26.16 0.55 1.50	-48.51 0.89 77.68	-21.96 0.55 52.18	-3.38 0.39 31.50	-26.00 0.59 54.41	-23.77 0.55 48.46	24.41 0.58 -1.53	31.65 0.81 -2.77	77.90 1.82 -21.48	107.05 1.58 -62.95	67.72 1.42 -33.41	65.06 1.64 -27.35	45.44 1.41 -8.62	36.60 1.07 0.00	31.40 0.80 0.00
SPIERFLS_115KV_TB 1 80737	21.24 1.30 0.00	22.21 1.37 0.00	14.64 0.86 -0.43	15.10 0.92 0.00	17.78 1.06 0.00	26.42 1.52 0.00	27.89 1.64 0.00	27.10 1.66 0.00	27.45 1.68 0.00	29.00 1.89 0.00	30.26 1.98 0.00	31.69 2.02 0.00	29.59 1.86 0.00	29.53 1.71 0.00	25.41 1.26 0.00	23.51 1.20 0.00	29.79 1.73 0.00	58.15 3.55 0.00	45.10 2.58 0.00	34.81 1.92 0.00	38.29 2.22 0.00	37.68 2.26 0.00	37.61 2.08 0.00	32.37 1.77 0.00
ST LAWRENCE____ 23600	19.70 -0.24 0.00	20.61 -0.23 0.00	13.19 -0.16 0.00	14.02 -0.17 0.00	16.56 -0.16 0.00	24.73 -0.17 0.00	26.09 -0.16 0.00	25.13 -0.31 0.00	25.47 -0.30 0.00	26.73 -0.39 0.00	27.83 -0.44 0.00	29.22 -0.45 0.00	27.28 -0.45 0.00	27.45 -0.37 0.00	23.87 -0.27 0.00	22.00 -0.30 0.00	26.14 -0.49 1.45	47.93 -1.04 5.64	37.40 -0.77 4.35	32.35 -0.54 0.00	35.50 -0.56 0.00	35.00 -0.41 0.00	35.22 -0.31 0.00	30.27 -0.32 0.00
STATE_CA_115KV_115_LB 55624	20.63 0.69 0.00	21.57 0.73 0.00	14.26 0.48 -0.42	14.69 0.50 0.00	17.30 0.58 0.00	25.72 0.82 0.00	27.11 0.87 0.00	26.29 0.85 0.00	26.60 0.82 0.00	27.95 0.83 0.00	29.31 1.03 0.00	30.74 1.07 0.00	28.74 1.01 0.00	28.77 0.95 0.00	24.96 0.82 0.00	23.08 0.78 0.00	29.00 0.93 0.00	56.48 1.88 0.00	43.96 1.44 0.00	33.93 1.04 0.00	37.18 1.12 0.00	36.44 1.02 0.00	36.60 1.07 0.00	31.57 0.98 0.00

STATE_ST_34_KV_LOAD 55959	19.82 -0.12 0.00	20.68 -0.16 0.00	13.30 -0.10 -0.04	14.09 -0.09 0.00	16.57 -0.16 0.00	24.65 -0.25 0.00	26.06 -0.19 0.00	25.36 -0.08 0.00	25.76 -0.02 0.00	27.02 -0.10 0.00	28.17 -0.10 0.00	29.40 -0.27 0.00	27.51 -0.22 0.00	27.72 -0.10 0.00	23.85 -0.29 0.00	22.11 -0.20 0.00	27.88 -0.19 0.00	54.26 -0.34 0.00	42.47 -0.05 0.00	32.87 -0.02 0.00	36.03 -0.04 0.00	35.33 -0.09 0.00	35.36 -0.17 0.00	30.33 -0.27 0.00
STATION 5_MISC_HYD 23604	18.92 -1.02 0.00	19.74 -1.10 0.00	12.69 -0.70 -0.04	13.44 -0.74 0.00	15.86 -0.86 0.00	23.57 -1.33 0.00	24.86 -1.39 0.00	24.30 -1.14 0.00	24.81 -0.96 0.00	26.05 -1.07 0.00	26.95 -1.32 0.00	28.48 -1.20 0.00	26.69 -1.04 0.00	26.75 -1.07 0.00	23.18 -0.96 0.00	21.43 -0.87 0.00	26.83 -1.23 0.00	51.98 -2.62 0.00	40.66 -1.86 0.00	31.47 -1.42 0.00	34.40 -1.67 0.00	33.85 -1.57 0.00	34.02 -1.51 0.00	29.19 -1.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.15 -0.79 0.00	19.97 -0.88 0.00	12.84 -0.56 -0.04	13.59 -0.59 0.00	16.04 -0.68 0.00	23.86 -1.04 0.00	25.16 -1.09 0.00	24.57 -0.87 0.00	25.03 -0.74 0.00	26.32 -0.80 0.00	27.25 -1.03 0.00	28.65 -1.02 0.00	26.87 -0.86 0.00	26.92 -0.90 0.00	23.30 -0.84 0.00	21.57 -0.73 0.00	27.11 -0.96 0.00	52.52 -2.08 0.00	41.05 -1.47 0.00	31.81 -1.08 0.00	34.82 -1.25 0.00	34.20 -1.22 0.00	34.33 -1.20 0.00	29.47 -1.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.86 -1.08 0.00	19.68 -1.17 0.00	12.66 -0.74 -0.04	13.40 -0.79 0.00	15.81 -0.91 0.00	23.49 -1.40 0.00	24.78 -1.46 0.00	24.22 -1.22 0.00	24.71 -1.06 0.00	25.95 -1.17 0.00	26.85 -1.42 0.00	28.35 -1.32 0.00	26.57 -1.16 0.00	26.64 -1.18 0.00	23.10 -1.04 0.00	21.36 -0.94 0.00	26.75 -1.32 0.00	51.80 -2.80 0.00	40.51 -2.01 0.00	31.37 -1.52 0.00	34.30 -1.77 0.00	33.75 -1.67 0.00	33.90 -1.63 0.00	29.09 -1.51 0.00
STA_56___34_KV_BUS2 355983	18.86 -1.08 0.00	19.68 -1.17 0.00	12.66 -0.74 -0.04	13.40 -0.79 0.00	15.81 -0.91 0.00	23.49 -1.40 0.00	24.78 -1.46 0.00	24.22 -1.22 0.00	24.71 -1.06 0.00	25.95 -1.17 0.00	26.85 -1.42 0.00	28.35 -1.32 0.00	26.57 -1.16 0.00	26.64 -1.18 0.00	23.10 -1.04 0.00	21.36 -0.94 0.00	26.75 -1.32 0.00	51.80 -2.80 0.00	40.51 -2.01 0.00	31.37 -1.52 0.00	34.30 -1.77 0.00	33.75 -1.67 0.00	33.90 -1.63 0.00	29.09 -1.51 0.00
STA_67___115KV_BK2 355882	18.88 -1.06 0.00	19.71 -1.14 0.00	12.67 -0.72 -0.04	13.42 -0.77 0.00	15.84 -0.89 0.00	23.52 -1.37 0.00	24.81 -1.43 0.00	24.26 -1.18 0.00	24.75 -1.02 0.00	25.97 -1.14 0.00	26.88 -1.40 0.00	28.38 -1.30 0.00	26.60 -1.13 0.00	26.67 -1.15 0.00	23.12 -1.02 0.00	21.38 -0.93 0.00	26.76 -1.31 0.00	51.81 -2.79 0.00	40.53 -2.00 0.00	31.39 -1.50 0.00	34.30 -1.77 0.00	33.78 -1.64 0.00	33.94 -1.59 0.00	29.12 -1.47 0.00
STA_7___115KV_9TRANS 80674	19.00 -0.95 0.00	19.82 -1.02 0.00	12.75 -0.65 -0.04	13.49 -0.69 0.00	15.92 -0.80 0.00	23.66 -1.24 0.00	24.96 -1.28 0.00	24.41 -1.03 0.00	24.92 -0.86 0.00	26.15 -0.96 0.00	27.06 -1.21 0.00	28.58 -1.09 0.00	26.78 -0.94 0.00	26.86 -0.96 0.00	23.28 -0.86 0.00	21.54 -0.77 0.00	26.97 -1.10 0.00	52.23 -2.38 0.00	40.86 -1.67 0.00	31.63 -1.26 0.00	34.57 -1.50 0.00	34.02 -1.39 0.00	34.18 -1.35 0.00	29.31 -1.28 0.00
STA_82___115KV_TB1 80780	18.88 -1.06 0.00	19.71 -1.14 0.00	12.67 -0.72 -0.04	13.42 -0.77 0.00	15.83 -0.89 0.00	23.52 -1.38 0.00	24.81 -1.43 0.00	24.26 -1.18 0.00	24.75 -1.02 0.00	25.98 -1.14 0.00	26.87 -1.41 0.00	28.37 -1.30 0.00	26.60 -1.13 0.00	26.67 -1.15 0.00	23.12 -1.02 0.00	21.38 -0.93 0.00	26.76 -1.31 0.00	51.81 -2.79 0.00	40.53 -2.00 0.00	31.39 -1.50 0.00	34.31 -1.76 0.00	33.78 -1.64 0.00	33.94 -1.58 0.00	29.12 -1.47 0.00
STEEL___WIND 323596	18.35 -1.59 0.00	19.06 -1.78 0.00	12.18 -1.15 0.03	13.00 -1.19 0.00	15.35 -1.37 0.00	22.76 -2.13 0.00	24.00 -2.24 0.00	23.59 -1.85 0.00	24.09 -1.69 0.00	22.34 -1.83 2.94	17.53 -2.08 8.66	15.87 -1.93 11.87	13.74 -1.74 12.25	17.10 -1.73 8.99	19.48 -1.61 3.05	20.67 -1.58 0.05	22.93 -2.16 2.98	30.89 -4.42 19.29	22.01 -3.19 17.32	26.30 -2.53 4.06	32.97 -2.90 0.19	32.77 -2.65 0.00	33.05 -2.48 0.00	28.46 -2.13 0.00
STEPHTWN_115KV_BK_2 55603	20.77 0.83 0.00	21.70 0.85 0.00	14.34 0.57 -0.42	14.78 0.59 0.00	17.39 0.67 0.00	25.84 0.94 0.00	27.27 1.03 0.00	26.45 1.01 0.00	26.82 1.04 0.00	28.16 1.05 0.00	29.49 1.22 0.00	30.92 1.25 0.00	28.89 1.16 0.00	28.91 1.10 0.00	25.09 0.95 0.00	23.22 0.92 0.00	29.13 1.06 0.00	56.90 2.30 0.00	44.16 1.64 0.00	34.19 1.30 0.00	37.49 1.43 0.00	36.75 1.34 0.00	36.83 1.30 0.00	31.74 1.14 0.00
STEUBEN_REC_LFGE 323667	18.53 -1.41 0.00	19.22 -1.62 0.00	12.49 -1.12 -0.26	13.02 -1.16 0.00	15.46 -1.26 0.00	23.11 -1.79 0.00	24.35 -1.90 0.00	23.92 -1.52 0.00	24.18 -1.67 -0.07	31.47 -1.92 -6.27	44.54 -2.18 -18.45	52.69 -2.19 -25.21	51.89 -1.80 -25.96	44.89 -2.07 -19.14	28.47 -2.16 -6.49	20.73 -1.70 -0.12	31.87 -2.55 -6.35	91.06 -4.62 -41.08	76.04 -3.37 -36.88	38.89 -2.66 -8.66	33.65 -2.82 -0.41	32.58 -2.84 0.00	33.02 -2.51 0.00	28.55 -2.05 0.00
STILLWATER___SOLAR 323814	21.12 1.18 0.00	22.08 1.23 0.00	14.57 0.79 -0.43	15.01 0.83 0.00	17.72 1.00 0.00	26.44 1.54 0.00	27.89 1.65 0.00	27.03 1.59 0.00	27.26 1.48 0.00	28.74 1.62 0.00	30.04 1.77 0.00	31.50 1.83 0.00	29.40 1.68 0.00	29.35 1.53 0.00	25.31 1.17 0.00	23.44 1.13 0.00	29.58 1.51 0.00	57.83 3.23 0.00	44.89 2.37 0.00	34.62 1.73 0.00	38.06 1.99 0.00	37.35 1.94 0.00	37.39 1.86 0.00	32.21 1.62 0.00
STONY___BROOK 24151	37.85 1.64 -16.26	22.71 1.97 0.10	13.81 1.33 0.87	14.65 1.40 0.93	18.23 1.51 0.00	26.89 2.01 0.01	28.49 2.25 0.00	27.41 1.98 0.00	27.59 1.93 0.12	30.57 1.73 -1.73	43.66 1.88 -13.51	40.07 1.96 -8.44	34.32 1.69 -4.91	38.07 1.77 -8.48	37.81 1.63 -12.04	25.33 1.49 -1.53	32.74 1.89 -2.78	79.99 3.78 -21.60	108.83 2.97 -63.34	68.89 2.38 -33.61	66.35 2.65 -27.63	46.71 2.47 -8.82	37.85 2.32 0.00	32.56 1.96 0.00
STURGEON_POOL_HYD 23609	21.22 1.28 0.00	22.20 1.36 0.00	14.59 0.88 -0.35	15.11 0.93 0.00	17.78 1.06 0.00	26.42 1.52 0.00	27.84 1.59 0.00	27.00 1.56 0.00	27.30 1.53 0.00	28.81 1.69 0.00	30.11 1.83 0.00	31.53 1.86 0.00	29.47 1.75 0.00	29.61 1.79 0.00	25.72 1.58 0.00	23.67 1.36 0.00	29.83 1.76 0.00	58.06 3.46 0.00	45.21 2.69 0.00	34.96 2.07 0.00	38.31 2.24 0.00	37.50 2.08 0.00	37.51 1.98 0.00	32.34 1.74 0.00
ST_LAW_115_BK7_LBMP 345037	19.70 -0.24 0.00	20.61 -0.23 0.00	13.19 -0.16 0.00	14.02 -0.17 0.00	16.56 -0.16 0.00	24.74 -0.16 0.00	26.09 -0.16 0.00	25.13 -0.31 0.00	25.47 -0.30 0.00	26.72 -0.39 0.00	27.82 -0.45 0.00	29.21 -0.46 0.00	27.27 -0.46 0.00	27.44 -0.38 0.00	23.86 -0.28 0.00	22.00 -0.30 0.00	26.14 -0.50 1.43	47.94 -1.08 5.58	37.42 -0.80 4.30	32.34 -0.55 0.00	35.49 -0.58 0.00	35.01 -0.41 0.00	35.22 -0.31 0.00	30.28 -0.32 0.00

ST_LAW_115_BK8_LBMP 345038	19.70 -0.24 0.00	20.61 -0.23 0.00	13.19 -0.16 0.00	14.02 -0.17 0.00	16.56 -0.16 0.00	24.74 -0.16 0.00	26.09 -0.16 0.00	25.13 -0.31 0.00	25.47 -0.30 0.00	26.72 -0.39 0.00	27.82 -0.45 0.00	29.21 -0.46 0.00	27.27 -0.46 0.00	27.44 -0.38 0.00	23.86 -0.28 0.00	22.00 -0.30 0.00	26.14 -0.50 1.43	47.94 -1.08 5.58	37.42 -0.80 4.30	32.34 -0.55 0.00	35.49 -0.58 0.00	35.01 -0.41 0.00	35.22 -0.31 0.00	30.28 -0.32 0.00
ST_LAW_230_BK5_LBMP 345035	19.70 -0.24 0.00	20.61 -0.23 0.00	13.19 -0.16 0.00	14.02 -0.17 0.00	16.56 -0.16 0.00	24.73 -0.17 0.00	26.09 -0.16 0.00	25.13 -0.31 0.00	25.47 -0.30 0.00	26.73 -0.39 0.00	27.83 -0.44 0.00	29.22 -0.45 0.00	27.28 -0.45 0.00	27.45 -0.37 0.00	23.87 -0.27 0.00	22.00 -0.30 0.00	26.12 -0.49 1.46	47.86 -1.04 5.70	37.35 -0.77 4.40	32.35 -0.54 0.00	35.50 -0.56 0.00	35.00 -0.41 0.00	35.22 -0.31 0.00	30.27 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	19.70 -0.24 0.00	20.61 -0.23 0.00	13.19 -0.16 0.00	14.02 -0.17 0.00	16.56 -0.16 0.00	24.73 -0.17 0.00	26.09 -0.16 0.00	25.13 -0.31 0.00	25.47 -0.30 0.00	26.73 -0.39 0.00	27.83 -0.44 0.00	29.22 -0.45 0.00	27.28 -0.45 0.00	27.45 -0.37 0.00	23.87 -0.27 0.00	22.00 -0.30 0.00	26.12 -0.49 1.46	47.86 -1.04 5.70	37.35 -0.77 4.40	32.35 -0.54 0.00	35.50 -0.56 0.00	35.00 -0.41 0.00	35.22 -0.31 0.00	30.27 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.37 1.09 2.66	21.86 1.15 0.13	14.43 0.75 -0.33	14.97 0.78 0.00	17.56 0.89 0.04	26.18 1.29 0.00	27.58 1.33 0.00	26.76 1.32 0.00	27.04 1.26 0.00	28.55 1.44 0.00	29.82 1.55 0.00	31.24 1.57 0.00	29.23 1.51 0.00	29.35 1.53 0.00	25.51 1.37 0.00	23.47 1.17 0.00	29.54 1.47 0.00	57.47 2.87 0.00	44.80 2.28 0.00	34.65 1.76 0.00	37.95 1.89 0.00	37.12 1.71 0.00	37.16 1.63 0.00	32.06 1.46 0.00
SWANROAD_115KV_TB1 355699	17.76 -2.18 0.00	18.50 -2.35 0.00	11.86 -1.48 0.02	12.61 -1.57 0.00	14.89 -1.83 0.00	22.07 -2.83 0.00	23.29 -2.95 0.00	22.89 -2.55 0.00	23.44 -2.34 0.00	22.38 -2.52 2.22	18.99 -2.77 6.52	18.14 -2.57 8.95	16.21 -2.28 9.24	18.80 -2.26 6.76	19.68 -2.17 2.29	20.15 -2.12 0.04	22.99 -2.84 2.24	34.42 -5.66 14.52	25.42 -4.07 13.04	26.51 -3.32 3.06	31.92 -4.01 0.14	31.68 -3.74 0.00	32.04 -3.49 0.00	27.48 -3.12 0.00
SYNERGY___BIOGAS 323694	18.66 -1.28 0.00	19.43 -1.41 0.00	12.47 -0.89 0.00	13.23 -0.95 0.00	15.62 -1.10 0.00	23.20 -1.69 0.00	24.49 -1.76 0.00	24.04 -1.40 0.00	24.60 -1.17 0.00	24.33 -1.30 1.49	22.15 -1.75 4.38	22.07 -1.56 6.05	20.25 -1.25 6.24	21.77 -1.51 4.55	21.22 -1.38 1.54	21.08 -1.20 0.03	24.97 -1.59 1.51	41.55 -3.30 9.76	31.52 -2.24 8.76	29.11 -1.73 2.06	33.82 -2.15 0.10	33.43 -1.98 0.00	33.67 -1.86 0.00	28.85 -1.75 0.00
SYRACUSE___ENERGY_ST1 323597	19.72 -0.22 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.18 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.80 -0.27 0.00	35.10 -0.31 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	19.72 -0.22 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.03	14.02 -0.16 0.00	16.52 -0.20 0.00	24.58 -0.32 0.00	25.91 -0.33 0.00	25.20 -0.24 0.00	25.57 -0.20 0.00	26.91 -0.20 0.00	28.03 -0.24 0.00	29.37 -0.31 0.00	27.46 -0.26 0.00	27.58 -0.24 0.00	23.85 -0.29 0.00	22.09 -0.21 0.00	27.83 -0.24 0.00	54.18 -0.42 0.00	42.25 -0.27 0.00	32.67 -0.22 0.00	35.80 -0.27 0.00	35.10 -0.31 0.00	35.15 -0.38 0.00	30.24 -0.36 0.00
SYRACUSE___POWER 24017	19.73 -0.21 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.04	14.01 -0.17 0.00	16.53 -0.19 0.00	24.59 -0.31 0.00	25.91 -0.34 0.00	25.20 -0.23 0.00	25.57 -0.20 0.00	26.94 -0.18 0.00	28.04 -0.24 0.00	29.40 -0.27 0.00	27.51 -0.22 0.00	27.59 -0.23 0.00	23.88 -0.26 0.00	22.11 -0.19 0.00	27.86 -0.20 0.00	54.24 -0.36 0.00	42.27 -0.25 0.00	32.68 -0.21 0.00	35.81 -0.26 0.00	35.11 -0.31 0.00	35.17 -0.36 0.00	30.26 -0.33 0.00
TALLMAN___138KV_BK151 55660	17.13 1.19 4.00	21.90 1.25 0.19	14.50 0.81 -0.34	15.03 0.85 0.00	17.62 0.97 0.07	26.31 1.41 0.00	27.71 1.46 0.00	26.89 1.46 0.00	27.15 1.37 0.00	28.69 1.58 0.00	29.98 1.70 0.00	31.41 1.73 0.00	29.40 1.67 0.00	29.54 1.72 0.00	25.68 1.54 0.00	23.63 1.33 0.00	29.71 1.65 0.00	57.79 3.18 0.00	45.06 2.54 0.00	34.84 1.95 0.00	38.16 2.09 0.00	37.30 1.89 0.00	37.33 1.81 0.00	32.21 1.61 0.00
TEALLAVE_115KV_TB7 355573	19.63 -0.31 0.00	20.49 -0.35 0.00	13.16 -0.22 -0.03	13.95 -0.24 0.00	16.45 -0.28 0.00	24.46 -0.44 0.00	25.78 -0.46 0.00	25.08 -0.36 0.00	25.45 -0.33 0.00	26.79 -0.32 0.00	27.89 -0.38 0.00	29.27 -0.40 0.00	27.37 -0.35 0.00	27.46 -0.35 0.00	23.79 -0.36 0.00	22.01 -0.29 0.00	27.72 -0.35 0.00	53.95 -0.65 0.00	42.04 -0.48 0.00	32.50 -0.39 0.00	35.62 -0.45 0.00	34.92 -0.50 0.00	34.99 -0.54 0.00	30.11 -0.49 0.00
TELGRAPH_34_KV_EAST 80808	18.23 -1.71 0.00	18.99 -1.85 0.00	12.18 -1.17 0.01	12.94 -1.24 0.00	15.28 -1.44 0.00	22.67 -2.23 0.00	23.92 -2.32 0.00	23.50 -1.94 0.00	24.04 -1.74 0.00	23.37 -1.90 1.85	20.61 -2.21 5.45	20.15 -2.03 7.49	18.23 -1.77 7.73	20.35 -1.82 5.65	20.52 -1.71 1.92	20.67 -1.60 0.04	24.02 -2.18 1.87	38.02 -4.45 12.13	28.50 -3.13 10.89	27.83 -2.51 2.55	32.91 -3.04 0.12	32.60 -2.81 0.00	32.90 -2.63 0.00	28.21 -2.39 0.00
TEMPLE___115KV_TB 2 55572	19.64 -0.30 0.00	20.50 -0.34 0.00	13.17 -0.22 -0.03	13.95 -0.23 0.00	16.46 -0.27 0.00	24.48 -0.42 0.00	25.79 -0.45 0.00	25.09 -0.35 0.00	25.46 -0.32 0.00	26.81 -0.31 0.00	27.91 -0.37 0.00	29.28 -0.39 0.00	27.39 -0.34 0.00	27.48 -0.34 0.00	23.80 -0.34 0.00	22.03 -0.28 0.00	27.73 -0.33 0.00	53.99 -0.61 0.00	42.07 -0.45 0.00	32.52 -0.37 0.00	35.63 -0.44 0.00	34.94 -0.47 0.00	35.00 -0.53 0.00	30.13 -0.46 0.00
TIANA____69_KV_BK 1 55817	37.71 1.50 -16.26	22.64 1.90 0.10	13.76 1.28 0.87	14.59 1.34 0.93	18.16 1.44 0.00	26.79 1.91 0.01	28.42 2.18 0.00	27.35 1.91 0.00	27.47 1.82 0.12	26.96 1.38 1.53	-48.77 1.47 78.51	-21.60 1.47 52.74	-2.84 1.26 31.83	-25.80 1.37 54.98	-23.61 1.27 49.02	25.09 1.26 -1.53	32.48 1.64 -2.77	79.46 3.38 -21.48	108.22 2.75 -62.95	68.56 2.26 -33.41	65.98 2.56 -27.35	46.36 2.33 -8.62	37.57 2.04 0.00	32.28 1.68 0.00
TILDEN___115KV_TB1 80814	19.73 -0.21 0.00	20.60 -0.25 0.00	13.23 -0.16 -0.04	14.01 -0.17 0.00	16.53 -0.19 0.00	24.59 -0.31 0.00	25.91 -0.34 0.00	25.20 -0.23 0.00	25.57 -0.20 0.00	26.94 -0.18 0.00	28.04 -0.24 0.00	29.40 -0.27 0.00	27.51 -0.22 0.00	27.59 -0.23 0.00	23.88 -0.26 0.00	22.11 -0.19 0.00	27.86 -0.20 0.00	54.24 -0.36 0.00	42.27 -0.25 0.00	32.68 -0.21 0.00	35.81 -0.26 0.00	35.11 -0.31 0.00	35.17 -0.36 0.00	30.26 -0.33 0.00

TRIGEN___CC 323695	37.70 1.49 -16.26	22.46 1.73 0.10	13.65 1.17 0.87	14.48 1.23 0.93	18.04 1.32 0.00	26.68 1.79 0.01	28.23 1.99 0.00	27.21 1.77 0.00	27.45 1.79 0.12	31.40 1.90 -2.38	32.47 2.04 -2.16	33.87 2.13 -2.07	29.66 1.93 -0.01	29.79 1.97 0.00	35.58 1.79 -9.65	26.58 1.55 -2.72	34.94 1.92 -4.95	98.70 3.64 -40.46	170.58 2.86 -125.20	101.47 2.25 -66.32	110.77 2.42 -72.28	79.06 2.19 -41.46	37.65 2.11 -0.01	32.45 1.86 0.00
TRINITY___115KV___4 BK 55933	20.58 0.64 0.00	21.52 0.67 0.00	14.22 0.45 -0.42	14.65 0.46 0.00	17.26 0.53 0.00	25.65 0.75 0.00	27.04 0.79 0.00	26.21 0.77 0.00	26.52 0.74 0.00	27.86 0.74 0.00	29.21 0.93 0.00	30.64 0.97 0.00	28.65 0.93 0.00	28.69 0.87 0.00	24.88 0.74 0.00	23.01 0.71 0.00	28.89 0.82 0.00	56.24 1.64 0.00	43.78 1.25 0.00	33.77 0.88 0.00	37.03 0.96 0.00	36.30 0.89 0.00	36.46 0.93 0.00	31.47 0.88 0.00
UNION___PROCESSING_DRP 323587	18.89 -1.05 0.00	19.71 -1.14 0.00	12.67 -0.72 -0.04	13.42 -0.77 0.00	15.84 -0.89 0.00	23.53 -1.37 0.00	24.82 -1.43 0.00	24.26 -1.18 0.00	24.75 -1.02 0.00	25.98 -1.14 0.00	26.88 -1.40 0.00	28.37 -1.30 0.00	26.60 -1.13 0.00	26.67 -1.15 0.00	23.12 -1.02 0.00	21.38 -0.92 0.00	26.76 -1.31 0.00	51.82 -2.78 0.00	40.53 -1.99 0.00	31.39 -1.50 0.00	34.32 -1.75 0.00	33.78 -1.63 0.00	33.94 -1.58 0.00	29.13 -1.47 0.00
UPPER HUDSON___HYD 24058	21.24 1.30 0.00	22.21 1.37 0.00	14.64 0.86 -0.43	15.10 0.92 0.00	17.78 1.06 0.00	26.42 1.52 0.00	27.89 1.64 0.00	27.10 1.66 0.00	27.45 1.68 0.00	29.00 1.89 0.00	30.26 1.98 0.00	31.69 2.02 0.00	29.59 1.86 0.00	29.53 1.71 0.00	25.40 1.26 0.00	23.51 1.20 0.00	29.79 1.73 0.00	58.15 3.55 0.00	45.10 2.58 0.00	34.81 1.92 0.00	38.29 2.22 0.00	37.68 2.27 0.00	37.61 2.08 0.00	32.37 1.77 0.00
UPPER RAQUET___HYD 24056	20.42 -0.58 -1.06	20.24 -0.60 0.00	12.95 -0.41 0.00	13.76 -0.42 0.00	16.28 -0.44 0.00	24.33 -0.57 0.00	25.78 -0.46 0.00	26.03 -0.67 -1.27	32.13 -0.68 -7.04	34.14 -0.85 -7.87	35.35 -0.98 -8.06	36.98 -1.00 -8.31	34.65 -1.04 -7.96	34.86 -0.95 -7.99	30.75 -0.80 -7.41	28.64 -0.77 -7.10	33.65 -1.07 -6.64	59.48 -2.01 -6.90	47.20 -1.53 -6.20	40.64 -1.05 -8.80	44.26 -1.11 -9.31	42.92 -0.94 -8.45	43.94 -0.83 -9.24	38.19 -0.84 -8.43
VALLEY44_115KV_TB2 355964	19.38 -0.56 0.00	20.16 -0.69 0.00	12.96 -0.43 -0.04	13.73 -0.45 0.00	16.23 -0.49 0.00	24.17 -0.73 0.00	25.45 -0.79 0.00	24.94 -0.50 0.00	25.63 -0.50 -0.36	25.93 -0.39 0.80	25.53 -0.38 2.36	26.32 -0.40 2.95	24.05 -0.31 3.37	25.01 -0.35 2.45	22.86 -0.45 0.83	21.57 -0.71 0.01	26.26 -0.99 0.81	47.62 -1.72 5.27	36.35 -1.44 4.73	30.50 -1.28 1.11	34.60 -1.42 0.05	34.04 -1.37 0.00	34.32 -1.21 0.00	29.61 -0.99 0.00
VALLEY___115KV_TB 1-4 80826	20.16 0.22 0.00	21.07 0.23 0.00	13.48 0.12 0.00	14.32 0.13 0.00	16.88 0.16 0.00	25.09 0.19 0.00	26.41 0.17 0.00	25.70 0.26 0.00	25.93 0.15 0.00	27.40 0.28 0.00	28.73 0.46 0.00	29.96 0.29 0.00	27.96 0.23 0.00	27.84 0.02 0.00	24.04 -0.10 0.00	22.22 -0.09 0.00	28.32 0.14 -0.11	55.53 0.49 -0.44	43.06 0.19 -0.34	33.09 0.20 0.00	36.30 0.23 0.00	35.53 0.12 0.00	35.57 0.04 0.00	30.64 0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.68 0.74 0.00	21.61 0.77 0.00	14.00 0.50 -0.14	14.71 0.53 0.00	17.33 0.61 0.00	25.80 0.90 0.00	27.17 0.93 0.00	26.43 0.99 0.00	26.81 1.03 0.00	28.26 1.14 0.00	29.45 1.17 0.00	30.85 1.18 0.00	28.77 1.05 0.00	28.89 1.07 0.00	25.06 0.92 0.00	23.16 0.86 0.00	29.27 1.20 0.00	57.06 2.46 0.00	44.37 1.85 0.00	34.32 1.43 0.00	37.62 1.56 0.00	36.82 1.40 0.00	36.85 1.32 0.00	31.70 1.10 0.00
VISCHER___FERRY HYD 24020	20.79 0.85 0.00	21.74 0.90 0.00	14.36 0.58 -0.42	14.79 0.61 0.00	17.43 0.71 0.00	25.94 1.04 0.00	27.35 1.10 0.00	26.51 1.08 0.00	26.81 1.04 0.00	28.22 1.10 0.00	29.51 1.23 0.00	30.99 1.32 0.00	28.98 1.25 0.00	28.97 1.15 0.00	25.08 0.94 0.00	23.22 0.92 0.00	29.16 1.09 0.00	56.90 2.30 0.00	44.21 1.69 0.00	34.06 1.17 0.00	37.42 1.36 0.00	36.74 1.32 0.00	36.86 1.33 0.00	31.80 1.21 0.00
V_A_10_SYNC_DSASP 323832	18.38 -1.56 0.00	19.16 -1.68 0.00	12.30 -1.06 0.00	13.06 -1.12 0.00	15.42 -1.30 0.00	22.88 -2.01 0.00	24.12 -2.12 0.00	23.63 -1.81 0.00	24.15 -1.63 0.00	23.88 -1.79 1.45	21.93 -2.07 4.27	21.89 -1.90 5.88	19.97 -1.69 6.06	21.71 -1.68 4.43	21.09 -1.55 1.50	20.79 -1.49 0.03	24.49 -2.11 1.47	40.72 -4.38 9.51	30.81 -3.18 8.53	28.41 -2.48 2.00	33.10 -2.87 0.09	32.76 -2.66 0.00	33.04 -2.49 0.00	28.37 -2.22 0.00
V_CMM_10_SYNC_DSASP 323787	19.80 -0.15 0.00	20.72 -0.13 0.00	13.26 -0.10 0.00	14.09 -0.10 0.00	16.64 -0.08 0.00	24.86 -0.03 0.00	26.22 -0.03 0.00	25.26 -0.18 0.00	25.61 -0.17 0.00	26.86 -0.25 0.00	27.97 -0.30 0.00	29.36 -0.31 0.00	27.42 -0.31 0.00	27.59 -0.23 0.00	23.99 -0.14 0.00	22.12 -0.19 0.00	26.28 -0.35 1.43	48.22 -0.80 5.58	37.64 -0.58 4.30	32.51 -0.38 0.00	35.66 -0.41 0.00	35.18 -0.23 0.00	35.40 -0.13 0.00	30.43 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	13.03 -0.53 6.38	20.35 -0.50 0.00	13.05 -0.30 0.00	13.86 -0.32 0.00	16.39 -0.34 0.00	24.63 -0.27 0.00	26.14 -0.10 0.00	17.29 -0.51 7.64	-17.41 -0.75 42.44	-21.26 -0.88 47.49	-21.25 -0.93 48.60	-21.54 -1.07 50.15	-21.24 -0.99 47.99	-21.24 -0.90 48.16	-21.19 -0.68 44.65	-21.20 -0.67 42.83	-21.22 -0.99 48.30	-21.23 -2.08 73.76	-21.26 -1.60 62.18	-21.29 -1.15 53.03	-21.25 -1.22 56.10	-16.67 -1.03 51.06	-21.31 -0.96 55.88	-21.30 -0.88 51.01
V_D_10_SYNC_DSASP 323841	20.12 -0.06 -0.24	20.81 -0.04 0.00	13.32 -0.04 0.00	14.14 -0.04 0.00	16.71 -0.01 0.00	24.97 0.07 0.00	26.36 0.11 0.00	25.67 -0.06 -0.28	27.31 -0.04 -1.58	28.75 -0.13 -1.76	29.89 -0.19 -1.81	31.35 -0.19 -1.86	29.30 -0.21 -1.78	29.48 -0.13 -1.79	25.74 -0.06 -1.66	23.78 -0.11 -1.59	28.16 -0.26 -0.36	51.16 -0.58 2.87	40.11 -0.41 2.01	34.63 -0.23 -1.97	37.92 -0.23 -2.09	37.25 -0.06 -1.89	37.64 0.04 -2.07	32.46 -0.03 -1.89
V_E_10_SYNC_DSASP 323830	19.83 -0.11 0.00	20.74 -0.10 0.00	13.46 -0.01 -0.12	14.29 0.11 0.00	16.89 0.17 0.00	25.21 0.31 0.00	26.55 0.31 0.00	25.89 0.46 0.00	26.42 0.65 0.00	28.04 0.43 -0.50	30.25 0.50 -1.47	31.98 0.31 -2.01	29.83 0.03 -2.07	29.50 0.16 -1.53	24.76 0.11 -0.52	22.50 0.19 -0.01	29.52 0.94 -0.51	60.20 2.32 -3.27	46.51 1.05 -2.94	34.01 0.43 -0.69	36.73 0.63 -0.03	36.02 0.61 0.00	35.83 0.31 0.00	30.85 0.25 0.00
V_F_30_NSYNC___DSASP 323816	21.16 1.22 0.00	22.12 1.27 0.00	14.60 0.81 -0.43	15.04 0.86 0.00	17.76 1.03 0.00	26.51 1.61 0.00	27.97 1.73 0.00	27.10 1.66 0.00	27.32 1.55 0.00	28.81 1.69 0.00	30.11 1.83 0.00	31.57 1.90 0.00	29.48 1.75 0.00	29.42 1.60 0.00	25.37 1.23 0.00	23.47 1.17 0.00	29.65 1.58 0.00	57.95 3.35 0.00	44.97 2.45 0.00	34.69 1.80 0.00	38.14 2.07 0.00	37.42 2.01 0.00	37.45 1.92 0.00	32.26 1.67 0.00

V_F_30_SYNC_DSASP 323786	20.63 0.69 0.00	21.57 0.73 0.00	14.26 0.48 -0.42	14.68 0.50 0.00	17.30 0.58 0.00	25.71 0.82 0.00	27.11 0.87 0.00	26.28 0.85 0.00	26.60 0.82 0.00	27.94 0.83 0.00	29.31 1.03 0.00	30.73 1.06 0.00	28.74 1.01 0.00	28.77 0.95 0.00	24.96 0.82 0.00	23.08 0.78 0.00	29.00 0.93 0.00	56.47 1.87 0.00	43.96 1.43 0.00	33.93 1.04 0.00	37.18 1.11 0.00	36.43 1.02 0.00	36.60 1.07 0.00	31.57 0.98 0.00
V_XM_10_SYNC_DSASP 323789	13.03 -0.53 6.38	20.35 -0.50 0.00	13.05 -0.30 0.00	13.86 -0.32 0.00	16.39 -0.34 0.00	24.63 -0.27 0.00	26.14 -0.10 0.00	17.29 -0.51 7.64	-17.41 -0.75 42.44	-21.26 -0.88 47.49	-21.25 -0.93 48.60	-21.54 -1.07 50.15	-21.24 -0.99 47.99	-21.24 -0.90 48.16	-21.19 -0.68 44.65	-21.20 -0.67 42.83	-21.22 -0.99 48.30	-21.23 -2.08 73.76	-21.26 -1.60 62.18	-21.29 -1.15 53.03	-21.25 -1.22 56.10	-16.67 -1.03 51.06	-21.31 -0.96 55.88	-21.30 -0.88 51.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.63 1.27 4.58	21.96 1.34 0.22	14.56 0.87 -0.34	15.10 0.91 0.00	17.69 1.04 0.08	26.41 1.51 0.00	27.82 1.58 0.00	27.00 1.57 0.00	27.28 1.50 0.00	28.82 1.71 0.00	30.11 1.84 0.00	31.55 1.88 0.00	29.52 1.79 0.00	29.65 1.84 0.00	25.78 1.64 0.00	23.73 1.43 0.00	29.85 1.79 0.00	58.06 3.45 0.00	45.27 2.75 0.00	35.01 2.12 0.00	38.34 2.27 0.00	37.48 2.07 0.00	37.51 1.99 0.00	32.37 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	10.56 1.59 10.97	31.67 1.72 -9.11	28.00 1.13 -13.51	25.39 1.19 -10.01	20.85 1.36 -2.78	27.06 2.02 -0.14	28.34 2.09 0.00	27.47 2.03 0.00	29.06 2.01 -1.28	30.50 2.18 -1.21	30.64 2.34 -0.03	32.06 2.39 0.00	30.00 2.27 0.00	30.10 2.28 0.00	26.20 2.06 0.00	24.12 1.81 0.00	30.30 2.23 0.00	58.80 4.19 0.00	45.84 3.31 0.00	35.50 2.61 0.00	38.86 2.79 0.00	38.02 2.61 0.00	38.06 2.53 0.00	32.85 2.26 0.00
W50THST__13_KV_LOAD 356117	10.67 1.70 10.97	31.79 1.84 -9.11	28.08 1.21 -13.51	25.47 1.27 -10.01	20.96 1.46 -2.78	27.30 2.26 -0.14	28.51 2.26 0.00	27.64 2.20 0.00	29.23 2.18 -1.28	30.68 2.36 -1.21	30.83 2.53 -0.03	32.25 2.59 0.00	30.19 2.46 0.00	30.29 2.47 0.00	26.35 2.22 0.00	24.26 1.95 0.00	30.44 2.37 0.00	59.03 4.43 0.00	46.02 3.50 0.00	35.67 2.77 0.00	39.03 2.96 0.00	38.17 2.76 0.00	38.21 2.68 0.00	32.97 2.38 0.00
WADING RIVER_IC_1 23522	37.71 1.50 -16.26	22.67 1.93 0.10	13.78 1.30 0.87	14.62 1.37 0.93	18.19 1.47 0.00	26.83 1.94 0.01	28.43 2.19 0.00	27.36 1.92 0.00	27.50 1.84 0.12	27.92 1.29 0.48	-19.24 1.29 48.81	-1.93 1.39 32.99	8.96 1.20 19.97	-5.40 1.28 34.49	-3.98 1.20 29.32	25.10 1.27 -1.53	32.47 1.63 -2.77	79.37 3.30 -21.47	108.07 2.63 -62.92	68.44 2.15 -33.39	65.83 2.44 -27.33	46.26 2.24 -8.60	37.46 1.94 0.00	32.21 1.61 0.00
WADING RIVER_IC_2 23547	37.71 1.50 -16.26	22.67 1.93 0.10	13.78 1.30 0.87	14.62 1.37 0.93	18.19 1.47 0.00	26.83 1.94 0.01	28.43 2.19 0.00	27.36 1.92 0.00	27.50 1.84 0.12	27.92 1.29 0.48	-19.24 1.29 48.81	-1.93 1.39 32.99	8.96 1.20 19.97	-5.40 1.28 34.49	-3.98 1.20 29.32	25.10 1.27 -1.53	32.47 1.63 -2.77	79.37 3.30 -21.47	108.07 2.63 -62.92	68.44 2.15 -33.39	65.83 2.44 -27.33	46.26 2.24 -8.60	37.46 1.94 0.00	32.21 1.61 0.00
WADING RIVER_IC_3 23601	37.71 1.50 -16.26	22.67 1.93 0.10	13.78 1.30 0.87	14.62 1.37 0.93	18.19 1.47 0.00	26.83 1.94 0.01	28.43 2.19 0.00	27.36 1.92 0.00	27.50 1.84 0.12	27.92 1.29 0.48	-19.24 1.29 48.81	-1.93 1.39 32.99	8.96 1.20 19.97	-5.40 1.28 34.49	-3.98 1.20 29.32	25.10 1.27 -1.53	32.47 1.63 -2.77	79.37 3.30 -21.47	108.07 2.63 -62.92	68.44 2.15 -33.39	65.83 2.44 -27.33	46.26 2.24 -8.60	37.46 1.94 0.00	32.21 1.61 0.00
WALDENNY_12_KV_BK2 80841	18.35 -1.59 0.00	19.08 -1.76 0.00	12.20 -1.13 0.03	13.00 -1.19 0.00	15.35 -1.37 0.00	22.79 -2.11 0.00	24.03 -2.22 0.00	23.61 -1.83 0.00	24.11 -1.66 0.00	22.44 -1.82 2.86	17.79 -2.06 8.43	16.20 -1.92 11.55	14.10 -1.71 11.92	17.40 -1.67 8.74	19.61 -1.56 2.96	20.71 -1.54 0.05	23.04 -2.13 2.90	31.46 -4.37 18.77	22.53 -3.14 16.85	26.47 -2.47 3.95	33.01 -2.87 0.19	32.78 -2.64 0.00	33.05 -2.48 0.00	28.42 -2.18 0.00
WALDEN__HYDRO 24148	20.63 1.23 0.54	22.11 1.30 0.03	14.54 0.84 -0.34	15.07 0.88 0.00	17.72 1.01 0.01	26.36 1.46 0.00	27.77 1.52 0.00	26.94 1.50 0.00	27.24 1.46 0.00	28.75 1.64 0.00	30.04 1.76 0.00	31.45 1.78 0.00	29.40 1.67 0.00	29.52 1.70 0.00	25.65 1.51 0.00	23.60 1.29 0.00	29.72 1.65 0.00	57.87 3.27 0.00	45.10 2.58 0.00	34.88 2.00 0.00	38.22 2.15 0.00	37.39 1.97 0.00	37.42 1.89 0.00	32.27 1.67 0.00
WARRENSBURG____ 23737	21.24 1.30 0.00	22.21 1.37 0.00	14.64 0.86 -0.43	15.10 0.92 0.00	17.78 1.06 0.00	26.42 1.52 0.00	27.89 1.64 0.00	27.10 1.66 0.00	27.45 1.68 0.00	29.00 1.89 0.00	30.26 1.98 0.00	31.69 2.02 0.00	29.59 1.86 0.00	29.53 1.71 0.00	25.41 1.26 0.00	23.51 1.20 0.00	29.79 1.73 0.00	58.15 3.55 0.00	45.10 2.58 0.00	34.81 1.92 0.00	38.29 2.22 0.00	37.68 2.26 0.00	37.61 2.08 0.00	32.37 1.77 0.00
WATERSIDE____6 8 9 23538	58.32 1.64 -36.74	42.54 1.74 -19.96	39.96 1.12 -25.49	33.50 1.20 -18.12	21.42 1.37 -3.32	24.97 2.03 1.96	26.17 2.14 2.22	25.20 2.09 2.33	27.77 2.03 0.04	29.40 2.21 -0.08	28.80 2.40 1.87	30.64 2.46 1.48	28.24 2.33 1.82	28.32 2.33 1.83	23.17 2.13 3.10	21.35 1.89 2.85	28.17 2.34 2.23	58.92 4.32 0.00	46.00 3.48 0.00	34.61 2.76 1.05	37.09 2.95 1.93	36.97 2.76 1.21	37.27 2.67 0.93	31.44 2.39 1.55
WATKINRD_115KV_LN8_ILLION 55919	20.15 0.20 0.00	21.05 0.21 0.00	13.48 0.12 0.00	14.31 0.13 0.00	16.88 0.15 0.00	25.09 0.19 0.00	26.42 0.17 0.00	25.68 0.24 0.00	25.94 0.16 0.00	27.37 0.25 0.00	28.66 0.39 0.00	29.96 0.29 0.00	27.94 0.22 0.00	27.88 0.06 0.00	24.12 -0.02 0.00	22.28 -0.02 0.00	28.33 0.15 -0.11	55.53 0.49 -0.44	43.16 0.30 -0.34	33.14 0.24 0.00	36.34 0.27 0.00	35.60 0.18 0.00	35.65 0.12 0.00	30.71 0.11 0.00
WATSON__69_KV_BK 1 55734	37.99 1.78 -16.26	22.84 2.10 0.10	13.89 1.40 0.87	14.73 1.48 0.93	18.32 1.61 0.00	27.04 2.16 0.01	28.67 2.42 0.00	27.59 2.15 0.00	27.75 2.10 0.12	30.78 2.01 -1.65	40.77 2.14 -10.35	38.30 2.22 -6.41	33.29 1.93 -3.63	36.11 2.02 -6.28	36.14 1.83 -10.17	25.53 1.65 -1.58	33.01 2.07 -2.87	81.03 4.12 -22.31	111.41 3.17 -65.72	70.28 2.52 -34.87	68.35 2.79 -29.50	48.38 2.68 -10.28	38.11 2.58 0.00	32.80 2.20 0.00
WDELAWARE__HYD 323627	21.01 1.07 0.00	21.96 1.12 0.00	14.40 0.73 -0.31	14.95 0.77 0.00	17.60 0.88 0.00	26.17 1.27 0.00	27.57 1.33 0.00	26.75 1.31 0.00	27.06 1.28 0.00	28.55 1.44 0.00	29.81 1.54 0.00	31.17 1.50 0.00	29.06 1.33 0.00	29.15 1.33 0.00	25.36 1.22 0.00	23.40 1.09 0.00	29.70 1.63 0.00	57.78 3.17 0.00	45.04 2.52 0.00	34.88 2.00 0.00	38.20 2.13 0.00	37.39 1.97 0.00	37.38 1.86 0.00	32.25 1.65 0.00

WEST BABYLON___IC 23714	37.95 1.74 -16.26	22.78 2.04 0.10	13.85 1.37 0.87	14.69 1.44 0.93	18.28 1.56 0.00	26.98 2.09 0.01	28.59 2.35 0.00	27.52 2.08 0.00	27.70 2.04 0.12	30.57 2.02 -1.43	31.77 2.16 -1.34	32.47 2.24 -0.56	29.69 1.97 0.00	29.84 2.03 0.00	30.72 1.85 -4.73	25.64 1.65 -1.69	33.20 2.06 -3.07	82.70 4.02 -24.08	117.25 3.15 -71.58	73.38 2.50 -37.98	72.94 2.75 -34.12	51.93 2.61 -13.91	38.04 2.52 0.00	32.76 2.16 0.00
WEST CANADA___HYD 24049	20.03 0.08 0.00	20.92 0.08 0.00	13.41 0.05 0.00	14.24 0.06 0.00	16.79 0.06 0.00	24.97 0.07 0.00	26.33 0.09 0.00	25.56 0.12 0.00	25.87 0.09 0.00	27.23 0.12 0.00	28.42 0.14 0.00	29.82 0.15 0.00	27.85 0.12 0.00	27.90 0.08 0.00	24.21 0.07 0.00	22.36 0.06 0.00	28.29 0.11 -0.11	55.31 0.27 -0.44	43.04 0.18 -0.34	33.02 0.13 0.00	36.22 0.15 0.00	35.53 0.12 0.00	35.63 0.10 0.00	30.69 0.09 0.00
WESTERN_NY_WIND 24143	18.63 -1.31 0.00	19.40 -1.45 0.00	12.44 -0.91 0.00	13.21 -0.98 0.00	15.60 -1.13 0.00	23.16 -1.74 0.00	24.45 -1.80 0.00	24.00 -1.44 0.00	24.57 -1.21 0.00	24.16 -1.35 1.60	21.77 -1.79 4.72	21.58 -1.59 6.50	19.73 -1.29 6.70	21.39 -1.54 4.89	21.06 -1.42 1.66	21.04 -1.23 0.03	24.81 -1.64 1.62	40.72 -3.39 10.50	30.78 -2.32 9.43	28.90 -1.78 2.21	33.75 -2.22 0.10	33.36 -2.05 0.00	33.61 -1.92 0.00	28.80 -1.80 0.00
WESTOVER___LESR 323668	19.94 0.00 0.00	20.81 -0.03 0.00	13.45 -0.01 -0.11	14.18 0.00 0.00	16.74 0.02 0.00	24.90 0.01 0.00	26.18 -0.06 0.00	25.52 0.09 0.00	25.84 0.06 0.00	27.26 0.14 0.00	28.37 0.09 0.00	29.76 0.09 0.00	27.83 0.10 0.00	27.91 0.09 0.00	24.14 0.00 0.00	22.26 -0.05 0.00	28.17 0.10 0.00	54.73 0.13 0.00	42.57 0.04 0.00	32.90 0.01 0.00	36.07 0.00 0.00	35.34 -0.07 0.00	35.39 -0.14 0.00	30.52 -0.07 0.00
WETHRSFD_WT_PWR 323626	18.25 -1.69 0.00	18.88 -1.96 0.00	11.84 -1.29 0.22	12.83 -1.35 0.00	15.21 -1.52 0.00	22.58 -2.32 0.00	23.84 -2.40 0.00	23.45 -1.99 0.00	23.82 -1.96 0.00	15.18 -2.18 9.75	-2.88 -2.46 28.69	-11.97 -2.44 39.20	-14.87 -2.13 40.46	-4.28 -2.33 29.77	11.88 -2.17 10.09	20.15 -1.97 0.18	15.61 -2.59 9.87	-14.25 -4.95 63.90	-18.52 -3.67 57.36	16.45 -2.98 13.46	32.24 -3.20 0.63	32.35 -3.06 0.00	32.70 -2.83 0.00	28.34 -2.26 0.00
WHAVSTOR_138KV_BK127 55557	16.44 1.20 4.71	21.89 1.28 0.23	14.52 0.83 -0.34	15.05 0.87 0.00	17.63 0.99 0.08	26.33 1.44 0.00	27.73 1.49 0.00	26.91 1.48 0.00	27.18 1.41 0.00	28.71 1.59 0.00	30.00 1.73 0.00	31.42 1.75 0.00	29.41 1.69 0.00	29.55 1.73 0.00	25.69 1.55 0.00	23.64 1.34 0.00	29.72 1.66 0.00	57.81 3.20 0.00	45.07 2.55 0.00	34.86 1.97 0.00	38.17 2.10 0.00	37.32 1.91 0.00	37.36 1.83 0.00	32.24 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.44 1.20 4.71	21.89 1.28 0.23	14.52 0.83 -0.34	15.05 0.87 0.00	17.63 0.99 0.08	26.33 1.44 0.00	27.73 1.49 0.00	26.91 1.48 0.00	27.18 1.41 0.00	28.71 1.59 0.00	30.00 1.73 0.00	31.42 1.75 0.00	29.41 1.69 0.00	29.55 1.73 0.00	25.69 1.55 0.00	23.64 1.34 0.00	29.72 1.66 0.00	57.81 3.20 0.00	45.07 2.55 0.00	34.86 1.97 0.00	38.17 2.10 0.00	37.32 1.91 0.00	37.36 1.83 0.00	32.24 1.64 0.00
WHITEHAL_115KV_TB1 80871	21.70 1.76 0.00	22.78 1.94 0.00	14.98 1.20 -0.43	15.48 1.30 0.00	18.24 1.51 0.00	27.05 2.16 0.00	28.53 2.29 0.00	27.72 2.29 0.00	28.07 2.29 0.00	29.73 2.61 0.00	30.68 2.41 0.00	31.93 2.26 0.00	29.88 2.16 0.00	29.92 2.10 0.00	25.71 1.57 0.00	23.87 1.57 0.00	30.56 2.49 0.00	59.28 4.67 0.00	45.68 3.16 0.00	35.22 2.32 0.00	38.97 2.90 0.00	39.30 3.88 0.00	39.01 3.48 0.00	33.55 2.95 0.00
WHITEPLN_13_KV_LOAD 356215	12.66 1.58 8.85	22.58 1.68 -0.05	15.46 1.09 -1.02	15.83 1.14 -0.51	18.03 1.31 0.00	26.80 1.90 -0.01	28.26 2.01 0.00	27.41 1.97 0.00	27.77 1.93 -0.06	29.30 2.13 -0.06	30.58 2.30 0.00	32.02 2.34 0.00	29.94 2.21 0.00	30.08 2.26 0.00	26.17 2.03 0.00	24.08 1.78 0.00	30.32 2.25 0.00	58.94 4.34 0.00	45.96 3.44 0.00	35.56 2.67 0.00	38.95 2.88 0.00	38.11 2.70 0.00	38.14 2.61 0.00	32.88 2.29 0.00
WM_FLOYD_69_KV_BK2 356380	37.79 1.59 -16.26	22.72 1.97 0.10	13.81 1.33 0.87	14.64 1.39 0.93	18.22 1.50 0.00	26.88 1.99 0.01	28.48 2.24 0.00	27.41 1.97 0.00	27.53 1.87 0.12	24.95 1.49 3.66	-108.83 1.60 138.71	-61.42 1.66 92.75	-26.72 1.42 55.87	-67.17 1.51 96.50	-63.39 1.39 88.93	25.16 1.33 -1.53	32.55 1.71 -2.78	79.61 3.49 -21.51	108.40 2.82 -63.06	68.65 2.30 -33.46	66.09 2.59 -27.43	46.48 2.38 -8.68	37.67 2.15 0.00	32.40 1.80 0.00
WOODARD__115KV_TB2 355635	19.61 -0.33 0.00	20.47 -0.37 0.00	13.15 -0.23 -0.03	13.93 -0.25 0.00	16.43 -0.29 0.00	24.43 -0.46 0.00	25.75 -0.49 0.00	25.04 -0.39 0.00	25.41 -0.36 0.00	26.75 -0.37 0.00	27.85 -0.42 0.00	29.22 -0.45 0.00	27.32 -0.41 0.00	27.42 -0.40 0.00	23.75 -0.39 0.00	21.98 -0.33 0.00	27.68 -0.39 0.00	53.87 -0.73 0.00	41.98 -0.54 0.00	32.45 -0.44 0.00	35.57 -0.50 0.00	34.87 -0.54 0.00	34.95 -0.58 0.00	30.07 -0.53 0.00
YORK___WARBASSE 23770	58.39 1.72 -36.74	43.75 1.81 -21.10	41.92 1.18 -27.38	41.90 1.24 -26.48	41.52 1.44 -23.36	41.88 2.20 -14.79	41.89 2.33 -13.32	41.88 2.29 -14.16	42.41 2.18 -14.45	42.45 2.38 -12.95	42.35 2.62 -11.45	41.34 2.68 -8.99	41.32 2.55 -11.04	41.29 2.53 -10.94	44.84 2.31 -18.40	41.33 2.05 -16.98	43.97 2.51 -13.38	59.17 4.56 0.00	46.25 3.73 0.00	42.60 3.00 -6.71	51.70 3.19 -12.44	46.23 3.01 -7.80	44.43 2.89 -6.02	43.22 2.62 -10.00