

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/22/2025

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	21.17	22.49	26.10	24.11	22.49	30.67	40.50	43.47	44.67	43.66	39.82	47.26	41.43	43.42	37.70	34.37	43.63	58.05	44.58	41.08	46.27	47.38	41.17	36.24
24138	0.97	0.92	0.94	0.87	0.84	1.18	1.85	2.05	2.12	2.12	2.01	2.15	1.92	1.94	1.93	1.91	2.25	2.99	1.97	1.71	1.19	1.12	1.15	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	-0.16	-0.05	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	21.20	22.52	26.14	24.14	22.52	30.71	40.53	43.51	44.72	43.73	39.88	47.35	41.48	43.43	37.71	34.37	43.62	58.04	44.59	41.14	46.36	47.49	41.24	36.28
24260	1.00	0.95	0.98	0.90	0.87	1.22	1.89	2.09	2.17	2.20	2.07	2.24	1.97	1.95	1.93	1.91	2.25	2.98	1.99	1.77	1.27	1.23	1.22	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	-0.16	-0.05	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	21.20	22.52	26.14	24.14	22.52	30.71	40.53	43.51	44.72	43.73	39.88	47.35	41.48	43.43	37.71	34.37	43.62	58.04	44.59	41.14	46.36	47.49	41.24	36.28
24261	1.00	0.95	0.98	0.90	0.87	1.22	1.89	2.09	2.17	2.20	2.07	2.24	1.97	1.95	1.93	1.91	2.25	2.98	1.99	1.77	1.27	1.23	1.22	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	-0.16	-0.05	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	21.58	22.98	26.74	24.70	23.03	31.35	41.34	44.27	44.99	43.38	38.14	46.20	40.46	42.41	36.62	33.38	42.71	57.57	44.53	41.31	47.04	47.99	41.27	36.25
24011	1.38	1.41	1.58	1.46	1.38	1.87	2.69	2.85	2.44	1.84	1.34	1.40	1.07	0.94	0.85	0.92	1.34	2.52	1.93	1.93	1.96	1.73	1.26	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.16	0.05	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	21.76	23.17	26.95	24.90	23.20	31.62	41.69	44.59	45.22	43.54	38.27	46.30	40.58	42.55	36.78	33.53	42.89	57.96	44.87	41.67	47.51	48.30	41.46	36.43
23798	1.56	1.60	1.79	1.66	1.55	2.13	3.05	3.17	2.67	2.00	1.46	1.50	1.19	1.07	1.01	1.07	1.52	2.90	2.27	2.30	2.43	2.04	1.45	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.15	0.05	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	21.58	22.98	26.74	24.70	23.03	31.35	41.34	44.27	44.99	43.38</														

ALBANY___2 23572	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.03 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.44 -0.11 0.00	41.14 -0.39 0.00	36.50 -0.41 0.39	44.17 -0.67 0.12	38.82 -0.59 0.04	40.79 -0.68 0.00	35.29 -0.49 0.00	32.19 -0.28 0.00	40.98 -0.40 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.41 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
ALBANY___3 23573	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.03 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.44 -0.11 0.00	41.14 -0.39 0.00	36.50 -0.41 0.39	44.17 -0.67 0.12	38.82 -0.59 0.04	40.79 -0.68 0.00	35.29 -0.49 0.00	32.19 -0.28 0.00	40.98 -0.40 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.41 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
ALBANY___4 23574	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.03 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.44 -0.11 0.00	41.14 -0.39 0.00	36.50 -0.41 0.39	44.17 -0.67 0.12	38.82 -0.59 0.04	40.79 -0.68 0.00	35.29 -0.49 0.00	32.19 -0.28 0.00	40.98 -0.40 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.41 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
ALBANY___LFGE 323615	20.50 0.30 0.00	21.83 0.26 0.00	25.41 0.25 0.00	23.50 0.26 0.00	21.89 0.24 0.00	29.72 0.23 0.00	39.03 0.39 0.00	41.90 0.48 0.00	42.88 0.33 0.00	41.59 0.06 0.00	36.86 -0.02 0.43	44.64 -0.18 0.13	39.24 -0.17 0.05	41.25 -0.22 0.00	35.70 -0.07 0.00	32.57 0.11 0.00	41.48 0.11 0.00	55.39 0.33 0.00	42.69 0.10 0.00	39.56 0.19 0.00	44.94 -0.14 0.00	45.98 -0.28 0.00	39.74 -0.28 0.00	34.91 -0.20 0.00
ALCOA_PA_115KV_PL-6C 55860	20.32 0.12 0.00	21.73 0.16 0.00	25.42 0.27 0.00	23.49 0.25 0.00	21.90 0.24 0.00	29.76 0.27 0.00	38.91 0.26 0.00	41.78 0.36 0.00	42.94 0.39 0.00	315.69 0.76 -273.39	474.83 0.54 -436.99	1927.06 0.89 -1881.21	40.10 0.66 0.00	42.38 0.90 0.00	36.26 0.49 0.00	32.87 0.40 0.00	41.82 0.45 0.00	55.46 0.40 0.00	43.18 0.58 0.00	40.07 0.70 0.00	46.30 1.21 0.00	47.42 1.16 0.00	41.06 1.05 0.00	36.05 0.94 0.00
ALCOA_RYNLDS___DRP 24188	20.32 0.12 0.00	21.73 0.16 0.00	25.42 0.27 0.00	23.49 0.25 0.00	21.90 0.24 0.00	29.76 0.27 0.00	38.91 0.26 0.00	41.78 0.36 0.00	42.94 0.39 0.00	315.69 0.76 -273.39	474.83 0.54 -436.99	1927.06 0.89 -1881.21	40.10 0.66 0.00	42.38 0.90 0.00	36.26 0.49 0.00	32.87 0.40 0.00	41.82 0.45 0.00	55.46 0.40 0.00	43.18 0.58 0.00	40.07 0.70 0.00	46.30 1.21 0.00	47.42 1.16 0.00	41.06 1.05 0.00	36.05 0.94 0.00
ALCOA___DSASP 323711	20.32 0.12 0.00	21.73 0.16 0.00	25.42 0.27 0.00	23.49 0.25 0.00	21.90 0.24 0.00	29.76 0.27 0.00	38.91 0.26 0.00	41.78 0.36 0.00	42.94 0.38 0.00	315.69 0.76 -273.39	474.83 0.54 -436.99	1927.06 0.89 -1881.21	40.10 0.65 0.00	42.38 0.90 0.00	36.26 0.48 0.00	32.87 0.40 0.00	41.82 0.45 0.00	55.46 0.40 0.00	43.18 0.58 0.00	40.07 0.70 0.00	46.29 1.21 0.00	47.41 1.16 0.00	41.06 1.05 0.00	36.05 0.94 0.00
ALLEGHENY___COGEN 23514	20.45 0.25 0.00	22.02 0.45 0.00	25.60 0.45 0.00	23.61 0.38 0.00	22.15 0.49 0.00	30.53 1.00 -0.05	40.52 1.87 0.00	44.99 1.98 -1.59	46.84 2.34 -1.95	46.14 2.72 -1.89	41.39 2.44 -1.65	54.49 2.81 -6.73	51.50 2.04 -10.01	48.44 2.17 -4.80	40.24 2.32 -2.16	36.40 1.77 -2.17	45.19 1.75 -2.07	60.41 2.52 -2.83	47.93 2.83 -2.51	46.39 2.58 -4.44	51.93 2.85 -3.99	57.63 3.28 -8.09	46.54 2.82 -3.71	38.54 2.16 -1.27
ALTAMONT_115KV_TB 2 55880	20.51 0.31 0.00	21.88 0.31 0.00	25.48 0.33 0.00	23.55 0.31 0.00	21.93 0.27 0.00	29.82 0.33 0.00	39.18 0.54 0.00	42.03 0.61 0.00	43.08 0.53 0.00	41.82 0.29 0.00	37.25 0.20 0.25	44.99 0.11 0.08	39.50 0.08 0.03	41.49 0.01 0.00	35.85 0.08 0.00	32.65 0.18 0.00	41.60 0.22 0.00	55.50 0.44 0.00	42.82 0.22 0.00	39.64 0.27 0.00	45.08 0.00 0.00	46.19 -0.07 0.00	39.96 -0.05 0.00	35.10 -0.01 0.00
ALTONA_WT_PWR 323606	20.09 -0.10 0.00	21.04 -0.53 0.00	24.69 -0.46 0.00	22.85 -0.38 0.00	21.61 -0.05 0.00	29.63 0.14 0.00	39.42 0.77 0.00	42.49 1.07 0.00	43.76 1.21 0.00	57.70 1.80 -14.37	61.72 1.45 -22.96	146.02 2.22 -98.85	41.21 1.76 0.00	43.50 2.02 0.00	37.73 1.96 0.00	34.33 1.86 0.00	43.98 2.61 0.00	57.94 2.88 0.00	44.96 2.36 0.00	41.77 2.40 0.00	48.31 3.22 0.00	49.32 3.06 0.00	42.57 2.56 0.00	37.36 2.25 0.00
AMERICAN_REF_FUEL 24010	19.33 -0.87 0.00	21.03 -0.54 0.00	24.49 -0.66 0.00	22.56 -0.67 0.00	21.11 -0.55 0.00	28.98 -0.54 -0.04	38.06 -0.58 0.00	41.90 -0.91 -1.39	44.21 -0.04 -1.70	44.12 0.94 -1.64	39.89 1.15 -1.44	53.32 1.99 -6.37	49.79 1.64 -8.71	47.27 1.62 -4.18	38.86 1.21 -1.88	34.98 0.62 -1.90	43.37 0.19 -1.81	56.46 -1.08 -2.48	43.88 -0.92 -2.20	41.93 -1.33 -3.88	47.37 -1.21 -3.49	52.85 -0.48 -7.08	43.22 -0.04 -3.24	36.38 0.16 -1.12
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.10 -1.11 0.00	20.58 -0.99 0.00	23.97 -1.18 0.00	21.99 -1.24 0.00	20.76 -0.90 0.00	28.61 -0.92 -0.04	37.99 -0.66 0.00	41.84 -1.04 -1.46	44.13 -0.17 -1.75	44.03 0.80 -1.69	39.84 1.06 -1.48	53.80 2.39 -6.44	50.55 2.13 -8.97	47.68 1.90 -4.30	39.42 1.71 -1.93	35.86 1.43 -1.97	44.95 1.70 -1.88	58.85 1.23 -2.57	45.22 0.35 -2.27	43.19 -0.20 -4.02	48.71 0.02 -3.61	54.09 0.50 -7.32	44.10 0.73 -3.35	36.71 0.46 -1.15
ARTHUR KILL_GT_1 23520	21.40 1.20 0.00	22.08 1.09 0.57	25.26 1.05 0.94	22.80 1.00 1.43	22.38 0.86 0.13	30.20 1.24 0.53	32.79 2.07 7.93	35.52 2.35 8.25	30.42 2.44 14.57	22.20 2.44 21.78	16.28 2.25 23.27	24.43 2.40 22.92	26.46 2.11 15.09	28.34 2.10 15.23	28.71 2.06 9.13	28.23 1.96 6.20	28.69 2.35 15.02	37.15 3.11 21.01	37.48 2.01 7.13	37.00 1.84 4.22	36.64 1.45 9.89	41.03 1.38 6.61	37.65 1.45 3.81	35.86 1.34 0.58
ARTHUR_KILL_2 23512	21.35 1.14 0.00	22.02 1.03 0.57	25.20 0.98 0.94	22.74 0.93 1.43	22.33 0.81 0.13	30.12 1.16 0.53	32.69 1.97 7.93	35.44 2.27 8.25	30.37 2.38 14.57	22.15 2.40 21.78	16.26 2.23 23.27	24.39 2.35 22.92	26.41 2.06 15.09	28.29 2.04 15.23	28.70 2.06 9.13	28.21 1.95 6.20	28.67 2.32 15.02	37.05 3.00 21.01	37.35 1.88 7.13	36.87 1.71 4.22	36.49 1.30 9.89	40.87 1.22 6.61	37.58 1.38 3.81	35.79 1.27 0.58
ARTHUR_KILL_3 23513	20.96 0.76 0.00	21.68 0.69 0.58	24.88 0.67 0.94	22.42 0.61 1.43	22.15 0.62 0.13	29.83 0.87 0.53	32.93 1.38 7.10	36.12 1.52 6.83	36.31 1.57 7.81	31.82 1.60 11.32	26.98 1.54 11.86	34.71 1.59 11.84	33.05 1.41 7.81	34.94 1.36 7.90	32.48 1.44 4.73	30.72 1.48 3.22	35.28 1.70 7.79	46.54 2.27 10.78	40.52 1.44 3.53	38.49 1.23 2.11	40.36 0.63 5.35	43.50 0.58 3.34	38.74 0.71 1.98	35.48 0.76 0.39

ARTHUR_KILL_COGEN 323718	21.40 1.20 0.00	22.08 1.08 0.57	25.26 1.05 0.94	22.80 1.00 1.43	22.38 0.86 0.13	30.20 1.25 0.53	32.80 2.08 7.93	35.56 2.39 8.25	30.49 2.51 14.57	22.28 2.52 21.78	16.37 2.34 23.27	24.52 2.48 22.92	26.53 2.18 15.09	28.41 2.16 15.23	28.81 2.16 9.13	28.31 2.04 6.20	28.78 2.43 15.02	37.21 3.17 21.01	37.47 2.00 7.13	37.00 1.84 4.22	36.65 1.45 9.89	41.04 1.38 6.61	37.70 1.50 3.81	35.89 1.37 0.58
ASHOKAN____ 23654	20.78 0.58 0.00	22.12 0.55 0.00	25.71 0.56 0.00	23.77 0.53 0.00	22.15 0.49 0.00	30.19 0.70 0.00	39.82 1.17 0.00	42.82 1.40 0.00	44.08 1.53 0.00	42.63 1.09 0.00	38.27 0.96 0.00	45.59 0.63 0.00	39.87 0.42 0.00	41.76 0.28 0.00	36.07 0.30 0.00	33.04 0.57 0.00	42.15 0.78 0.00	56.43 1.37 0.00	43.77 1.17 0.00	40.61 1.23 0.00	46.02 0.94 0.00	46.99 0.73 0.00	40.58 0.56 0.00	35.54 0.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.32 0.66 0.00	30.46 0.98 0.00	40.33 1.69 0.00	43.28 1.86 0.00	44.50 1.95 0.00	43.49 1.94 -0.01	39.60 1.79 -0.51	47.04 1.92 -0.17	41.20 1.69 -0.06	43.12 1.64 -0.01	37.47 1.69 -0.01	34.13 1.66 -0.01	43.34 1.96 -0.01	57.52 2.46 0.00	44.15 1.55 0.00	40.77 1.40 0.00	45.98 0.90 0.00	47.15 0.89 0.00	41.01 0.99 0.00	36.08 0.97 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.05 0.85 0.00	22.34 0.77 0.00	25.90 0.75 0.00	23.94 0.71 0.00	22.31 0.65 0.00	30.45 0.96 0.00	40.32 1.67 0.00	43.25 1.83 0.00	44.47 1.92 0.00	43.46 1.92 -0.01	39.58 1.77 -0.51	47.02 1.90 -0.17	41.18 1.67 -0.06	43.11 1.62 -0.01	37.45 1.67 -0.01	34.11 1.64 -0.01	43.31 1.93 -0.01	57.49 2.43 0.00	44.14 1.54 0.00	40.75 1.37 0.00	45.95 0.87 0.00	47.13 0.86 0.00	40.98 0.97 0.00	36.06 0.95 0.00
ASTORIA_GT2_1 24094	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT2_2 24095	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT2_3 24096	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT2_4 24097	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT3_1 24098	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT3_2 24099	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT3_3 24100	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT3_4 24101	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT4_1 24102	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT4_2 24103	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT4_3 24104	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00

ASTORIA_GT4_4 24105	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.33 0.67 0.00	30.46 0.97 0.00	40.32 1.68 0.00	43.24 1.82 0.00	44.47 1.91 0.00	43.45 1.91 -0.01	39.58 1.77 -0.51	47.00 1.88 -0.17	41.17 1.66 -0.06	43.10 1.62 -0.01	37.43 1.65 -0.01	34.09 1.62 -0.01	43.26 1.88 -0.01	57.51 2.45 0.00	44.16 1.56 0.00	40.77 1.40 0.00	45.98 0.89 0.00	47.14 0.88 0.00	40.97 0.95 0.00	36.06 0.95 0.00
ASTORIA_GT_1 23523	21.09 0.89 0.00	22.39 0.82 0.00	25.95 0.80 0.00	23.99 0.75 0.00	22.36 0.70 0.00	30.51 1.02 0.00	40.39 1.74 0.00	43.32 1.89 0.00	44.55 2.00 0.00	43.54 2.00 -0.01	39.65 1.84 -0.51	47.10 1.98 -0.17	41.26 1.75 -0.06	43.20 1.72 -0.01	37.52 1.74 -0.01	34.17 1.70 -0.01	43.36 1.98 -0.01	57.63 2.57 0.00	44.25 1.65 0.00	40.85 1.48 0.00	46.08 0.99 0.00	47.24 0.98 0.00	41.05 1.04 0.00	36.13 1.02 0.00
ASTORIA_GT_10 24110	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.02 0.79 0.00	22.40 0.75 0.00	30.53 1.05 0.00	40.33 1.68 0.00	43.31 1.88 0.00	44.51 1.96 0.00	43.52 1.98 -0.01	39.67 1.86 -0.51	47.09 1.98 -0.17	41.25 1.74 -0.06	43.20 1.71 -0.01	37.51 1.73 -0.01	34.18 1.71 -0.01	43.39 2.01 -0.01	57.69 2.63 0.00	44.30 1.70 0.00	40.85 1.48 0.00	46.06 0.97 0.00	47.19 0.93 0.00	41.04 1.02 0.00	36.11 1.00 0.00
ASTORIA_GT_11 24225	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.02 0.79 0.00	22.40 0.75 0.00	30.53 1.05 0.00	40.33 1.68 0.00	43.31 1.88 0.00	44.51 1.96 0.00	43.52 1.98 -0.01	39.67 1.86 -0.51	47.09 1.98 -0.17	41.25 1.74 -0.06	43.20 1.71 -0.01	37.51 1.73 -0.01	34.18 1.71 -0.01	43.39 2.01 -0.01	57.69 2.63 0.00	44.30 1.70 0.00	40.85 1.48 0.00	46.06 0.97 0.00	47.19 0.93 0.00	41.04 1.02 0.00	36.11 1.00 0.00
ASTORIA_GT_12 24226	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.02 0.79 0.00	22.40 0.75 0.00	30.53 1.05 0.00	40.33 1.68 0.00	43.31 1.88 0.00	44.51 1.96 0.00	43.52 1.98 -0.01	39.67 1.86 -0.51	47.09 1.98 -0.17	41.25 1.74 -0.06	43.20 1.71 -0.01	37.51 1.73 -0.01	34.18 1.71 -0.01	43.39 2.01 -0.01	57.69 2.63 0.00	44.30 1.70 0.00	40.85 1.48 0.00	46.06 0.97 0.00	47.19 0.93 0.00	41.04 1.02 0.00	36.11 1.00 0.00
ASTORIA_GT_13 24227	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.02 0.79 0.00	22.40 0.75 0.00	30.53 1.05 0.00	40.33 1.68 0.00	43.31 1.88 0.00	44.51 1.96 0.00	43.52 1.98 -0.01	39.67 1.86 -0.51	47.09 1.98 -0.17	41.25 1.74 -0.06	43.20 1.71 -0.01	37.51 1.73 -0.01	34.18 1.71 -0.01	43.39 2.01 -0.01	57.69 2.63 0.00	44.30 1.70 0.00	40.85 1.48 0.00	46.06 0.97 0.00	47.19 0.93 0.00	41.04 1.02 0.00	36.11 1.00 0.00
ASTORIA_GT_5 24106	21.09 0.89 0.00	22.39 0.82 0.00	25.95 0.80 0.00	23.99 0.75 0.00	22.36 0.70 0.00	30.51 1.02 0.00	40.39 1.74 0.00	43.32 1.89 0.00	44.55 2.00 0.00	43.54 2.00 -0.01	39.65 1.84 -0.51	47.10 1.98 -0.17	41.26 1.75 -0.06	43.20 1.72 -0.01	37.52 1.74 -0.01	34.17 1.70 -0.01	43.36 1.98 -0.01	57.63 2.57 0.00	44.25 1.65 0.00	40.85 1.48 0.00	46.08 0.99 0.00	47.24 0.98 0.00	41.05 1.04 0.00	36.13 1.02 0.00
ASTORIA_GT_7 24107	21.09 0.89 0.00	22.39 0.82 0.00	25.95 0.80 0.00	23.99 0.75 0.00	22.36 0.70 0.00	30.51 1.02 0.00	40.39 1.74 0.00	43.32 1.89 0.00	44.55 2.00 0.00	43.54 2.00 -0.01	39.65 1.84 -0.51	47.10 1.98 -0.17	41.26 1.75 -0.06	43.20 1.72 -0.01	37.52 1.74 -0.01	34.17 1.70 -0.01	43.36 1.98 -0.01	57.63 2.57 0.00	44.25 1.65 0.00	40.85 1.48 0.00	46.08 0.99 0.00	47.24 0.98 0.00	41.05 1.04 0.00	36.13 1.02 0.00
ASTORIA_GT_8 24108	21.09 0.89 0.00	22.39 0.82 0.00	25.95 0.80 0.00	23.99 0.75 0.00	22.36 0.70 0.00	30.51 1.02 0.00	40.39 1.74 0.00	43.32 1.89 0.00	44.55 2.00 0.00	43.54 2.00 -0.01	39.65 1.84 -0.51	47.10 1.98 -0.17	41.26 1.75 -0.06	43.20 1.72 -0.01	37.52 1.74 -0.01	34.17 1.70 -0.01	43.36 1.98 -0.01	57.63 2.57 0.00	44.25 1.65 0.00	40.85 1.48 0.00	46.08 0.99 0.00	47.24 0.98 0.00	41.05 1.04 0.00	36.13 1.02 0.00
ASTORIA___2 24149	21.06 0.86 0.00	22.35 0.78 0.00	25.91 0.76 0.00	23.96 0.72 0.00	22.32 0.66 0.00	30.46 0.98 0.00	40.33 1.69 0.00	43.28 1.86 0.00	44.50 1.95 0.00	43.49 1.94 -0.01	39.60 1.79 -0.51	47.04 1.92 -0.17	41.20 1.69 -0.06	43.12 1.64 -0.01	37.47 1.69 -0.01	34.13 1.66 -0.01	43.34 1.96 -0.01	57.52 2.46 0.00	44.15 1.55 0.00	40.77 1.40 0.00	45.98 0.90 0.00	47.15 0.89 0.00	41.01 0.99 0.00	36.08 0.97 0.00
ASTORIA___3 23516	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.03 0.79 0.00	22.40 0.74 0.00	30.53 1.05 0.00	40.33 1.69 0.00	43.32 1.90 0.00	44.53 1.98 0.00	43.54 2.00 -0.01	39.69 1.88 -0.51	47.13 2.01 -0.17	41.28 1.77 -0.06	43.21 1.73 -0.01	37.54 1.76 -0.01	34.20 1.73 -0.01	43.43 2.04 -0.01	57.70 2.64 0.00	44.30 1.69 0.00	40.85 1.48 0.00	46.07 0.98 0.00	47.20 0.94 0.00	41.05 1.04 0.00	36.12 1.01 0.00
ASTORIA___4 23517	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.02 0.79 0.00	22.40 0.75 0.00	30.53 1.05 0.00	40.33 1.68 0.00	43.31 1.88 0.00	44.51 1.96 0.00	43.52 1.98 -0.01	39.67 1.86 -0.51	47.09 1.98 -0.17	41.25 1.74 -0.06	43.20 1.71 -0.01	37.51 1.73 -0.01	34.18 1.71 -0.01	43.39 2.01 -0.01	57.69 2.63 0.00	44.30 1.70 0.00	40.85 1.48 0.00	46.06 0.97 0.00	47.19 0.93 0.00	41.04 1.02 0.00	36.11 1.00 0.00
ASTORIA___5 23518	21.11 0.91 0.00	22.41 0.84 0.00	25.98 0.83 0.00	24.03 0.79 0.00	22.40 0.74 0.00	30.53 1.05 0.00	40.33 1.69 0.00	43.32 1.90 0.00	44.53 1.98 0.00	43.54 2.00 -0.01	39.69 1.88 -0.51	47.13 2.01 -0.17	41.28 1.77 -0.06	43.21 1.73 -0.01	37.54 1.76 -0.01	34.20 1.73 -0.01	43.43 2.04 -0.01	57.70 2.64 0.00	44.30 1.69 0.00	40.85 1.48 0.00	46.07 0.98 0.00	47.20 0.94 0.00	41.05 1.04 0.00	36.12 1.01 0.00
AST_ENERGY_2_CC3 323677	20.60 0.65 0.25	20.84 0.56 1.28	21.01 0.50 4.64	21.01 0.48 2.70	20.92 0.44 1.18	23.20 0.67 6.95	24.42 1.28 15.50	25.76 1.41 17.07	26.54 1.48 17.49	22.93 1.49 20.09	23.54 1.39 15.14	27.34 1.42 19.04	24.40 1.26 16.30	23.54 1.18 19.12	24.32 1.30 12.74	23.54 1.31 10.23	25.06 1.51 17.82	35.32 1.88 21.62	24.96 1.11 18.75	23.54 0.98 16.81	28.75 0.43 16.76	29.60 0.40 17.06	28.20 0.57 12.39	24.87 0.60 10.83
AST_ENERGY_2_CC4 323678	20.60 0.65 0.25	20.84 0.56 1.28	21.01 0.50 4.64	21.01 0.48 2.70	20.92 0.44 1.18	23.20 0.67 6.95	24.42 1.28 15.50	25.76 1.41 17.07	26.54 1.48 17.49	22.93 1.49 20.09	23.54 1.39 15.14	27.34 1.42 19.04	24.40 1.26 16.30	23.54 1.18 19.12	24.32 1.30 12.74	23.54 1.31 10.23	25.06 1.51 17.82	35.32 1.88 21.62	24.96 1.11 18.75	23.54 0.98 16.81	28.75 0.43 16.76	29.60 0.40 17.06	28.20 0.57 12.39	24.87 0.60 10.83

ATHENS_STG_1 23668	20.60 0.40 0.00	21.98 0.41 0.00	25.62 0.46 0.00	23.66 0.42 0.00	22.02 0.37 0.00	29.99 0.50 0.00	39.46 0.81 0.00	42.32 0.90 0.00	43.41 0.86 0.00	42.25 0.71 0.00	38.15 0.64 -0.21	45.64 0.62 -0.06	39.99 0.52 -0.02	41.95 0.47 0.00	36.23 0.46 0.00	32.89 0.43 0.00	41.86 0.49 0.00	55.81 0.75 0.00	42.99 0.39 0.00	39.74 0.36 0.00	45.09 0.01 0.00	46.22 -0.04 0.00	40.03 0.01 0.00	35.17 0.06 0.00
ATHENS_STG_2 23670	20.60 0.40 0.00	21.98 0.41 0.00	25.62 0.46 0.00	23.66 0.42 0.00	22.02 0.37 0.00	29.99 0.50 0.00	39.46 0.81 0.00	42.32 0.90 0.00	43.41 0.86 0.00	42.25 0.71 0.00	38.15 0.64 -0.21	45.64 0.62 -0.06	39.99 0.52 -0.02	41.95 0.47 0.00	36.23 0.46 0.00	32.89 0.43 0.00	41.86 0.49 0.00	55.81 0.75 0.00	42.99 0.39 0.00	39.74 0.36 0.00	45.09 0.01 0.00	46.22 -0.04 0.00	40.03 0.01 0.00	35.17 0.06 0.00
ATHENS_STG_3 23677	20.60 0.40 0.00	21.98 0.41 0.00	25.62 0.46 0.00	23.66 0.42 0.00	22.02 0.37 0.00	29.99 0.50 0.00	39.46 0.81 0.00	42.32 0.90 0.00	43.41 0.86 0.00	42.25 0.71 0.00	38.15 0.64 -0.21	45.64 0.62 -0.06	39.99 0.52 -0.02	41.95 0.47 0.00	36.23 0.46 0.00	32.89 0.43 0.00	41.86 0.49 0.00	55.81 0.75 0.00	42.99 0.39 0.00	39.74 0.36 0.00	45.09 0.01 0.00	46.22 -0.04 0.00	40.03 0.01 0.00	35.17 0.06 0.00
AUBURN___LFGE 323710	20.17 -0.03 0.00	21.58 0.01 0.00	25.14 -0.01 0.00	23.21 -0.03 0.00	21.66 0.01 0.00	29.73 0.15 -0.09	39.12 0.47 0.00	45.25 0.45 -3.38	46.90 0.49 -3.86	49.48 0.48 -7.46	47.08 0.51 -9.26	84.76 0.81 -38.99	59.73 0.76 -19.51	51.38 0.55 -9.35	40.44 0.46 -4.20	37.10 0.40 -4.24	46.04 0.62 -4.05	61.53 0.93 -5.54	48.20 0.70 -4.90	48.57 0.52 -8.68	53.34 0.45 -7.80	62.62 0.54 -15.82	47.70 0.44 -7.25	37.90 0.30 -2.49
BABYLON_RES_REC 323704	20.94 0.74 0.00	22.19 0.62 0.00	25.69 0.54 0.00	23.77 0.53 0.00	22.20 0.54 0.00	30.32 0.83 0.00	39.91 1.27 0.00	42.73 1.31 0.00	43.94 1.38 0.00	42.96 1.42 0.00	39.37 1.57 -0.51	45.91 0.80 -0.16	40.66 1.15 -0.05	42.34 0.86 0.00	36.92 1.15 0.00	33.66 1.20 0.00	42.41 1.04 0.00	56.66 1.61 0.00	43.72 1.12 0.00	40.39 1.01 0.00	45.22 0.13 0.00	45.84 0.00 0.43	39.35 0.08 0.75	35.48 0.37 0.00
BALL_HILL_WT_PWR 323825	19.47 -0.73 0.00	21.08 -0.49 0.00	24.56 -0.60 0.00	22.58 -0.66 0.00	21.21 -0.44 0.00	29.17 -0.36 -0.04	38.49 -0.16 0.00	42.38 -0.47 -1.43	44.64 0.35 -1.73	44.38 1.17 -1.68	40.07 1.30 -1.47	53.78 2.43 -6.40	50.33 2.00 -8.88	47.65 1.92 -4.26	39.28 1.59 -1.91	35.47 1.05 -1.95	44.36 1.13 -1.86	58.03 0.42 -2.55	45.00 0.14 -2.26	42.93 -0.44 -3.99	48.46 -0.21 -3.59	54.01 0.47 -7.28	44.10 0.75 -3.34	36.87 0.61 -1.15
BARON_WINDS___WT_PWR 323822	19.29 -0.91 0.00	20.80 -0.77 0.00	24.18 -0.97 0.00	22.30 -0.94 0.00	20.98 -0.67 0.00	28.90 -0.63 -0.05	38.20 -0.45 0.00	42.47 -0.70 -1.75	44.09 -0.56 -2.09	43.48 -0.07 -2.01	39.30 0.24 -1.76	52.78 0.51 -7.31	50.18 0.08 -10.65	46.48 -0.10 -5.11	38.37 0.30 -2.29	34.94 0.17 -2.30	43.68 0.11 -2.20	58.08 0.01 -3.01	45.40 0.14 -2.66	43.84 -0.24 -4.71	48.96 -0.36 -4.23	54.98 0.13 -8.58	44.19 0.25 -3.93	36.52 0.07 -1.35
BARRETT_IC_1 23704	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_10 23701	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_11 23702	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_12 23703	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_2 23705	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_3 23706	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_4 23707	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_5 23708	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00

BARRETT_IC_6 23709	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_7 23710	20.90 0.70 0.00	22.18 0.61 0.00	25.68 0.53 0.00	23.75 0.52 0.00	22.18 0.53 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.41 0.99 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.37 1.51 -0.56	45.95 0.84 -0.16	40.53 1.03 -0.05	42.18 0.71 0.00	36.71 0.94 0.00	33.42 0.96 0.00	42.19 0.82 0.00	56.31 1.26 0.00	43.35 0.75 0.00	40.06 0.69 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.34 0.24 0.00
BARRETT_IC_8 23711	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT_IC_9 23700	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT___1 23545	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BARRETT___2 23546	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.26 0.77 0.00	39.71 1.06 0.00	42.42 1.00 0.00	43.77 1.22 0.00	42.86 1.32 0.00	39.31 1.45 -0.56	45.94 0.83 -0.16	40.55 1.05 -0.05	42.17 0.69 0.00	36.71 0.93 0.00	33.42 0.95 0.00	42.19 0.82 0.01	56.30 1.25 0.01	43.35 0.75 0.00	40.07 0.70 0.00	44.95 -0.13 0.00	45.52 -0.24 0.50	39.02 -0.12 0.87	35.35 0.24 0.00
BATAVIA__115KV_TB1 55881	20.29 0.09 0.00	21.93 0.36 0.00	25.53 0.38 0.00	23.51 0.28 0.00	21.98 0.33 0.00	30.25 0.73 -0.04	40.00 1.36 0.00	44.17 1.40 -1.35	46.54 2.31 -1.68	46.13 2.97 -1.63	41.54 2.81 -1.43	56.44 3.63 -7.86	51.15 3.05 -8.66	48.81 3.18 -4.15	40.40 2.76 -1.87	36.34 1.99 -1.89	45.06 1.89 -1.80	59.61 2.10 -2.46	46.62 1.84 -2.18	44.59 1.36 -3.85	50.26 1.71 -3.46	55.50 2.22 -7.02	45.27 2.04 -3.22	37.99 1.78 -1.11
BAYONEEC___CTG1 323682	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG10 323750	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG2 323683	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG3 323684	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG4 323685	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG5 323686	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG6 323687	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG7 323688	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03

BAYONEEC___CTG8 323689	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BAYONEEC___CTG9 323749	21.08 0.88 0.00	22.41 0.81 -0.03	25.99 0.82 -0.02	24.02 0.76 -0.03	22.39 0.73 0.00	30.53 1.03 -0.01	40.42 1.61 -0.16	43.58 1.77 -0.39	45.14 1.81 -0.78	44.60 1.83 -1.24	40.89 1.74 -1.85	48.23 1.81 -1.47	41.93 1.61 -0.88	43.85 1.56 -0.81	37.87 1.62 -0.48	34.41 1.61 -0.33	44.04 1.87 -0.80	58.68 2.52 -1.10	44.60 1.64 -0.36	41.02 1.43 -0.21	46.47 0.88 -0.51	47.44 0.84 -0.34	41.13 0.92 -0.20	36.07 0.94 -0.03
BEACON___LESR 323632	20.55 0.35 0.00	21.91 0.33 0.00	25.48 0.32 0.00	23.57 0.33 0.00	21.97 0.31 0.00	29.87 0.38 0.00	39.26 0.61 0.00	42.11 0.69 0.00	43.03 0.48 0.00	41.75 0.22 0.00	36.93 0.04 0.41	44.83 0.00 0.13	39.36 -0.05 0.04	41.37 -0.10 0.00	35.72 -0.06 0.00	32.70 0.23 0.00	41.69 0.32 0.00	55.74 0.68 0.00	42.91 0.31 0.00	39.74 0.36 0.00	45.22 0.14 0.00	46.19 -0.07 0.00	39.90 -0.11 0.00	35.02 -0.09 0.00
BEAVER RIVER___HYD 24048	20.04 -0.16 0.00	21.56 -0.01 0.00	25.26 0.11 0.00	23.33 0.10 0.00	21.81 0.15 0.00	29.63 0.10 -0.04	39.43 0.78 0.00	44.27 1.46 -1.38	45.70 1.54 -1.60	115.09 0.68 -72.87	153.49 0.81 -115.37	542.17 0.91 -496.31	48.78 1.21 -8.12	46.65 1.29 -3.89	38.80 1.28 -1.75	35.40 1.17 -1.76	44.47 1.42 -1.68	59.58 2.22 -2.30	46.54 1.90 -2.04	44.74 1.76 -3.61	49.90 1.57 -3.25	54.62 1.78 -6.58	44.51 1.48 -3.02	37.23 1.09 -1.04
BEEBEE_GT_13 23619	20.12 -0.08 0.00	21.63 0.06 0.00	25.20 0.04 0.00	23.23 0.00 0.00	21.68 0.03 0.00	29.74 0.21 -0.04	39.26 0.61 0.00	43.34 0.67 -1.26	45.26 1.10 -1.61	44.69 1.59 -1.57	40.25 1.57 -1.38	52.65 2.27 -5.42	49.74 1.95 -8.35	47.51 2.03 -4.00	39.21 1.64 -1.80	35.46 1.18 -1.82	44.46 1.36 -1.73	58.92 1.49 -2.37	45.81 1.11 -2.10	43.81 0.72 -3.72	49.25 0.82 -3.34	54.16 1.12 -6.78	44.14 1.02 -3.11	36.97 0.80 -1.07
BENSHRST_27_KV_BENSHRST_1 355998	21.28 1.08 0.00	22.58 1.01 0.00	26.17 1.01 0.00	24.20 0.96 0.00	22.55 0.90 0.00	30.78 1.29 0.00	40.90 2.11 -0.15	44.18 2.39 -0.37	45.76 2.47 -0.73	45.21 2.51 -1.16	41.42 2.34 -1.77	48.94 2.59 -1.39	42.58 2.28 -0.85	44.55 2.28 -0.79	38.46 2.21 -0.48	34.92 2.12 -0.33	44.72 2.57 -0.79	59.29 3.36 -0.87	44.84 2.22 -0.03	41.37 1.94 -0.06	46.99 1.55 -0.36	47.93 1.50 -0.17	41.74 1.53 -0.19	36.52 1.39 -0.02
BETHLEHEM___GRP 23843	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.03 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.44 -0.11 0.00	41.14 -0.39 0.00	36.50 -0.41 0.39	44.17 -0.67 0.12	38.82 -0.59 0.04	40.79 -0.68 0.00	35.29 -0.49 0.00	32.19 -0.28 0.00	40.98 -0.40 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.41 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
BETHLEHEM___GS1 323560	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.02 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.43 -0.12 0.00	41.13 -0.40 0.00	36.50 -0.41 0.39	44.17 -0.66 0.12	38.82 -0.59 0.04	40.79 -0.69 0.00	35.29 -0.49 0.00	32.19 -0.27 0.00	40.98 -0.39 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.42 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
BETHLEHEM___GS2 323561	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.02 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.43 -0.12 0.00	41.13 -0.40 0.00	36.50 -0.41 0.39	44.17 -0.66 0.12	38.82 -0.59 0.04	40.79 -0.69 0.00	35.29 -0.49 0.00	32.19 -0.27 0.00	40.98 -0.39 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.42 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
BETHLEHEM___GS3 323562	20.31 0.11 0.00	21.63 0.06 0.00	25.16 0.00 0.00	23.27 0.04 0.00	21.68 0.02 0.00	29.41 -0.07 0.00	38.61 -0.04 0.00	41.45 0.03 0.00	42.43 -0.12 0.00	41.13 -0.40 0.00	36.50 -0.41 0.39	44.17 -0.66 0.12	38.82 -0.59 0.04	40.79 -0.69 0.00	35.29 -0.49 0.00	32.19 -0.27 0.00	40.98 -0.39 0.00	54.71 -0.35 0.00	42.16 -0.44 0.00	39.08 -0.29 0.00	44.42 -0.67 0.00	45.44 -0.82 0.00	39.29 -0.73 0.00	34.52 -0.58 0.00
BETHLEHEM___STEEL 23779	19.66 -0.54 0.00	21.33 -0.24 0.00	24.84 -0.31 0.00	22.87 -0.37 0.00	21.40 -0.26 0.00	29.46 -0.07 -0.04	38.84 0.20 0.00	42.83 -0.02 -1.43	45.10 0.81 -1.74	44.88 1.67 -1.68	40.52 1.75 -1.47	54.30 2.92 -6.42	50.79 2.43 -8.90	48.09 2.35 -4.27	39.56 1.87 -1.92	35.69 1.28 -1.94	44.55 1.32 -1.86	58.24 0.64 -2.54	45.26 0.42 -2.25	43.16 -0.19 -3.97	48.75 0.09 -3.57	54.28 0.78 -7.24	44.32 0.99 -3.32	37.11 0.87 -1.14
BETHLHEM_115KV_TB1 79974	20.35 0.15 0.00	21.68 0.11 0.00	25.23 0.07 0.00	23.33 0.09 0.00	21.74 0.08 0.00	29.49 0.00 0.00	38.73 0.08 0.00	41.56 0.14 0.00	42.57 0.02 0.00	41.29 -0.24 0.00	36.66 -0.28 0.36	44.35 -0.49 0.11	38.98 -0.43 0.04	40.95 -0.53 0.00	35.42 -0.35 0.00	32.29 -0.18 0.00	41.11 -0.27 0.00	54.89 -0.17 0.00	42.30 -0.30 0.00	39.20 -0.18 0.00	44.55 -0.54 0.00	45.58 -0.68 0.00	39.43 -0.59 0.00	34.64 -0.46 0.00
BETHPAGE_CC_5 323564	20.89 0.69 0.00	22.16 0.59 0.00	25.64 0.49 0.00	23.73 0.49 0.00	22.15 0.49 0.00	30.24 0.75 0.00	39.75 1.11 0.00	42.53 1.12 0.00	43.78 1.23 0.00	42.88 1.35 0.00	39.30 1.49 -0.51	45.94 0.83 -0.16	40.63 1.12 -0.05	42.28 0.80 0.00	36.81 1.04 0.00	33.52 1.06 0.00	42.29 0.92 0.00	56.43 1.38 0.00	43.48 0.88 0.00	40.18 0.81 0.00	45.03 -0.05 0.00	45.69 -0.17 0.40	39.23 -0.09 0.70	35.36 0.25 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.68 -0.52 0.00	21.35 -0.22 0.00	24.86 -0.30 0.00	22.88 -0.35 0.00	21.41 -0.25 0.00	29.49 -0.04 -0.04	38.89 0.25 0.00	42.91 0.05 -1.44	45.17 0.88 -1.74	44.95 1.73 -1.68	40.58 1.80 -1.47	54.39 2.99 -6.44	50.88 2.50 -8.93	48.18 2.43 -4.28	39.64 1.95 -1.92	35.76 1.35 -1.95	44.67 1.44 -1.86	58.42 0.82 -2.55	45.39 0.54 -2.25	43.28 -0.08 -3.99	48.87 0.21 -3.58	54.42 0.90 -7.26	44.41 1.07 -3.33	37.18 0.93 -1.14
BINGHAMTON___COGEN 23790	20.07 -0.13 0.00	21.50 -0.07 0.00	25.05 -0.10 0.00	23.09 -0.14 0.00	21.56 -0.09 0.00	29.58 0.04 -0.05	38.96 0.32 0.00	43.55 0.29 -1.84	45.08 0.38 -2.15	44.03 0.44 -2.06	39.61 0.51 -1.80	53.03 0.73 -7.35	50.92 0.56 -10.92	47.13 0.42 -5.23	38.51 0.39 -2.35	35.09 0.26 -2.37	44.05 0.42 -2.26	58.61 0.45 -3.10	45.63 0.29 -2.74	44.27 0.05 -4.85	49.40 -0.05 -4.36	55.28 0.17 -8.84	44.26 0.20 -4.05	36.57 0.07 -1.39

BIXINCNT_115KV_LOAD 355685	19.36 -0.84 0.00	21.03 -0.54 0.00	24.34 -0.81 0.00	22.40 -0.84 0.00	21.08 -0.58 0.00	29.29 -0.24 -0.04	38.66 0.02 0.00	42.72 -0.17 -1.48	44.92 0.60 -1.76	44.77 1.53 -1.70	40.09 1.29 -1.49	53.96 2.52 -6.49	50.72 2.24 -9.04	48.07 2.26 -4.34	39.52 1.80 -1.95	35.74 1.31 -1.97	44.51 1.25 -1.88	58.74 1.11 -2.58	45.57 0.69 -2.28	43.32 -0.08 -4.03	48.91 0.20 -3.63	54.63 1.01 -7.35	44.50 1.11 -3.37	37.19 0.93 -1.16
BLACK RIVER___HYD 24047	20.15 -0.05 0.00	21.72 0.15 0.00	25.42 0.27 0.00	23.46 0.22 0.00	21.92 0.27 0.00	29.87 0.31 -0.07	39.78 1.14 0.00	45.59 1.99 -2.19	47.10 2.01 -2.54	95.01 0.90 -52.58	120.76 1.18 -82.28	399.80 1.20 -353.64	54.14 1.80 -12.89	49.35 1.70 -6.18	40.51 1.96 -2.77	37.11 1.85 -2.80	46.22 2.17 -2.67	62.03 3.32 -3.66	48.62 2.78 -3.24	47.58 2.48 -5.73	52.46 2.22 -5.15	59.21 2.50 -10.45	46.78 1.98 -4.79	38.16 1.41 -1.64
BLACKRVR_115KV_TB2 79977	20.15 -0.05 0.00	21.72 0.15 0.00	25.42 0.27 0.00	23.46 0.22 0.00	21.92 0.27 0.00	29.87 0.32 -0.07	39.78 1.14 0.00	45.59 1.99 -2.19	47.10 2.01 -2.54	95.01 0.90 -52.58	120.76 1.18 -82.28	399.79 1.20 -353.64	54.14 1.80 -12.89	49.35 1.70 -6.18	40.51 1.96 -2.77	37.11 1.85 -2.80	46.22 2.17 -2.67	62.04 3.32 -3.66	48.61 2.78 -3.24	47.58 2.48 -5.73	52.46 2.22 -5.15	59.21 2.50 -10.45	46.78 1.98 -4.79	38.16 1.41 -1.64
BLDWN_LI_69_KV_BK4 356085	21.01 0.81 0.00	22.28 0.72 0.00	25.80 0.64 0.00	23.87 0.63 0.00	22.28 0.62 0.00	30.42 0.93 0.00	40.00 1.35 0.00	42.78 1.36 0.00	44.06 1.51 0.00	43.11 1.57 0.00	39.54 1.72 -0.52	46.24 1.13 -0.16	40.85 1.34 -0.05	42.54 1.06 0.00	37.06 1.28 0.00	33.72 1.26 0.00	42.63 1.26 0.00	56.92 1.86 0.00	43.84 1.24 0.00	40.51 1.14 0.00	45.47 0.39 0.00	46.20 0.29 0.35	39.72 0.30 0.60	35.66 0.55 0.00
BLISS_WT_PWR 323608	19.23 -0.97 0.00	20.89 -0.68 0.00	24.16 -1.00 0.00	22.22 -1.01 0.00	20.97 -0.68 0.00	29.17 -0.36 -0.04	38.51 -0.14 0.00	42.54 -0.35 -1.48	44.75 0.43 -1.76	44.66 1.42 -1.70	39.91 1.11 -1.49	53.78 2.34 -6.49	50.63 2.14 -9.04	48.03 2.21 -4.33	39.47 1.74 -1.95	35.72 1.29 -1.97	44.45 1.20 -1.88	58.78 1.15 -2.58	45.58 0.70 -2.28	43.31 -0.10 -4.03	48.90 0.19 -3.63	54.64 1.03 -7.35	44.47 1.09 -3.37	37.17 0.91 -1.16
BLUESTONE___WT_PWR 323821	20.02 -0.19 0.00	21.59 0.02 0.00	25.39 0.24 0.00	23.16 -0.07 0.00	21.63 -0.02 0.00	30.20 0.68 -0.04	40.03 1.39 0.00	44.49 1.49 -1.58	45.93 1.53 -1.85	44.92 1.62 -1.77	40.29 1.44 -1.55	52.87 1.61 -6.30	50.34 1.51 -9.39	47.37 1.40 -4.50	38.70 0.90 -2.02	35.24 0.74 -2.04	44.31 1.00 -1.94	59.25 1.53 -2.66	46.75 1.79 -2.36	45.03 1.48 -4.17	50.67 1.83 -3.75	55.70 1.84 -7.60	44.82 1.33 -3.48	36.94 0.64 -1.20
BLUE_CIRC_CHEM_DRP 24182	20.57 0.37 0.00	21.95 0.38 0.00	25.56 0.40 0.00	23.63 0.39 0.00	22.01 0.36 0.00	29.92 0.43 0.00	39.29 0.64 0.00	42.09 0.67 0.00	42.98 0.43 0.00	41.56 0.03 0.00	37.05 -0.06 0.19	44.70 -0.19 0.06	39.23 -0.20 0.02	41.24 -0.24 0.00	35.68 -0.09 0.00	32.57 0.10 0.00	41.54 0.16 0.00	55.47 0.41 0.00	42.86 0.26 0.00	39.69 0.32 0.00	45.17 0.08 0.00	46.27 0.01 0.00	40.03 0.01 0.00	35.16 0.06 0.00
BOC_GAS_DRP 24189	20.44 0.24 0.00	21.80 0.23 0.00	25.39 0.24 0.00	23.47 0.23 0.00	21.86 0.20 0.00	29.71 0.22 0.00	39.02 0.37 0.00	41.86 0.44 0.00	42.92 0.37 0.00	41.71 0.18 0.00	37.20 0.14 0.24	44.92 0.03 0.07	39.45 0.03 0.03	41.43 -0.05 0.00	35.80 0.03 0.00	32.56 0.10 0.00	41.46 0.09 0.00	55.30 0.24 0.00	42.63 0.03 0.00	39.46 0.08 0.00	44.86 -0.23 0.00	45.98 -0.28 0.00	39.79 -0.22 0.00	34.95 -0.15 0.00
BOONVILLE_115KV_TB1 79983	20.32 0.11 0.00	21.76 0.19 0.00	25.44 0.28 0.00	23.51 0.27 0.00	21.95 0.30 0.00	29.89 0.38 -0.03	39.59 0.95 0.00	43.53 1.27 -0.84	44.80 1.28 -0.97	70.42 0.74 -28.14	82.34 0.72 -44.32	236.38 0.85 -190.57	45.26 0.91 -4.90	44.87 1.05 -2.35	37.89 1.07 -1.06	34.48 0.95 -1.06	43.70 1.31 -1.02	58.45 2.00 -1.39	45.41 1.58 -1.23	42.98 1.43 -2.18	48.36 1.31 -1.96	51.59 1.36 -3.97	42.96 1.13 -1.82	36.57 0.84 -0.63
BORALEX_4TH_BRANCH 23824	20.97 0.77 0.00	22.30 0.73 0.00	25.96 0.81 0.00	23.99 0.75 0.00	22.35 0.69 0.00	30.36 0.73 0.00	39.93 1.29 0.00	42.95 1.53 0.00	43.81 1.26 0.00	42.21 0.67 0.00	36.59 0.45 1.16	44.84 0.25 0.36	39.44 0.11 0.12	41.43 -0.05 0.00	35.90 0.13 0.00	32.73 0.26 0.00	41.95 0.58 0.00	56.26 1.20 0.00	43.34 0.74 0.00	40.24 0.87 0.00	45.83 0.75 0.00	46.72 0.46 0.00	40.33 0.32 0.00	35.51 0.40 0.00
BOWLINE___1 23526	20.89 0.69 0.00	22.18 0.61 0.00	25.76 0.61 0.00	23.79 0.55 0.00	22.17 0.51 0.00	30.22 0.73 0.00	39.82 1.18 0.00	42.68 1.26 0.00	43.85 1.30 0.00	42.79 1.26 0.00	38.96 1.18 -0.48	46.33 1.23 -0.15	40.57 1.07 -0.05	42.51 1.03 0.00	36.89 1.12 0.00	33.60 1.14 0.00	42.67 1.30 0.00	56.87 1.81 0.00	43.75 1.15 0.00	40.37 0.99 0.00	45.54 0.45 0.00	46.70 0.44 0.00	40.55 0.54 0.00	35.69 0.58 0.00
BOWLINE___2 23595	20.89 0.69 0.00	22.18 0.60 0.00	25.76 0.60 0.00	23.78 0.55 0.00	22.17 0.51 0.00	30.21 0.72 0.00	39.81 1.16 0.00	42.66 1.24 0.00	43.83 1.28 0.00	42.78 1.24 0.00	38.96 1.18 -0.48	46.31 1.20 -0.15	40.56 1.06 -0.05	42.50 1.02 0.00	36.87 1.09 0.00	33.59 1.12 0.00	42.66 1.29 0.00	56.84 1.78 0.00	43.73 1.13 0.00	40.35 0.97 0.00	45.53 0.44 0.00	46.70 0.43 0.00	40.53 0.52 0.00	35.67 0.57 0.00
BRADY___115KV_TB2 356060	20.52 0.32 0.00	21.96 0.39 0.00	25.70 0.54 0.00	23.74 0.50 0.00	22.15 0.50 0.00	30.12 0.63 0.00	39.43 0.79 0.00	42.39 0.97 0.00	43.48 0.93 0.00	287.23 1.14 -244.55	429.04 0.84 -390.89	1729.02 1.32 -1682.75	40.43 0.98 0.00	42.77 1.29 0.00	36.46 0.69 0.00	33.17 0.70 0.00	42.31 0.93 0.00	56.18 1.13 0.00	43.78 1.18 0.00	40.67 1.29 0.00	46.97 1.88 0.00	48.06 1.79 0.00	41.62 1.61 0.00	36.54 1.43 0.00
BRANSCOMB___SOLAR 323811	21.19 0.99 0.00	22.57 1.00 0.00	26.29 1.13 0.00	24.28 1.05 0.00	22.62 0.97 0.00	30.80 1.31 0.00	40.54 1.89 0.00	43.47 2.05 0.00	44.31 1.76 0.00	42.71 1.17 0.00	37.53 0.79 0.57	45.54 0.76 0.18	39.94 0.55 0.06	41.93 0.46 0.00	36.26 0.49 0.00	33.07 0.61 0.00	42.37 1.00 0.00	56.95 1.90 0.00	44.02 1.42 0.00	40.82 1.44 0.00	46.44 1.36 0.00	47.46 1.20 0.00	40.90 0.89 0.00	35.93 0.82 0.00
BRDGHMPT_69_KV_BK1 55812	20.97 0.77 0.00	22.21 0.64 0.00	25.74 0.59 0.00	23.93 0.69 0.00	22.40 0.74 0.00	30.61 1.13 0.00	40.34 1.69 0.00	43.10 1.68 0.00	44.29 1.74 0.00	43.30 1.77 0.00	39.67 1.87 -0.50	46.10 0.99 -0.16	40.82 1.31 -0.05	42.48 1.00 0.00	37.20 1.42 0.00	33.92 1.46 0.00	42.80 1.43 0.00	57.24 2.18 0.00	44.17 1.57 0.00	40.83 1.45 0.00	45.57 0.48 0.00	46.04 0.24 0.47	39.37 0.17 0.82	35.49 0.39 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	20.99 0.79 0.00	22.25 0.68 0.00	25.73 0.58 0.00	23.83 0.60 0.00	22.27 0.61 0.00	30.41 0.92 0.00	40.06 1.41 0.00	42.84 1.42 0.00	44.07 1.52 0.00	43.12 1.58 0.00	39.54 1.73 -0.50	46.02 0.91 -0.16	40.77 1.27 -0.05	42.50 1.02 0.00	37.09 1.32 0.00	33.81 1.35 0.00	42.53 1.16 0.00	56.78 1.72 0.00	43.78 1.18 0.00	40.45 1.08 0.00	45.13 0.05 0.00	45.83 0.03 0.46	39.34 0.13 0.80	35.53 0.42 0.00
BRISTLHL_115KV_TB1 79998	20.07 -0.13 0.00	21.45 -0.12 0.00	24.99 -0.16 0.00	23.06 -0.18 0.00	21.51 -0.14 0.00	29.46 -0.09 -0.06	38.77 0.12 0.00	43.72 0.18 -2.12	45.08 0.08 -2.46	49.66 0.17 -7.96	48.53 0.21 -11.02	92.02 0.19 -46.88	52.10 0.21 -12.45	47.56 0.12 -5.96	38.47 0.02 -2.68	35.22 0.05 -2.70	44.04 0.09 -2.58	58.75 0.16 -3.54	45.79 0.06 -3.13	44.89 -0.02 -5.54	49.89 -0.18 -4.98	56.23 -0.12 -10.09	44.46 -0.17 -4.62	36.46 -0.23 -1.59
BROOKHAVEN___DRP 24191	20.71 0.51 0.00	21.93 0.36 0.00	25.35 0.20 0.00	23.51 0.28 0.00	21.99 0.33 0.00	30.00 0.52 0.00	39.50 0.85 0.00	42.25 0.83 0.00	43.43 0.88 0.00	42.45 0.91 0.00	38.90 1.10 -0.50	45.18 0.07 -0.16	40.04 0.54 -0.05	41.69 0.21 0.00	36.47 0.70 0.00	33.26 0.79 0.00	41.85 0.48 0.00	55.92 0.86 0.00	43.15 0.55 0.00	39.90 0.52 0.00	44.59 -0.50 0.00	45.10 -0.69 0.47	38.68 -0.52 0.82	34.94 -0.16 0.00
BROOKLYN_NAVY_YARD 23515	21.00 0.80 0.00	22.31 0.74 0.00	25.88 0.74 0.01	23.90 0.67 0.01	22.30 0.65 0.01	30.40 0.92 0.01	40.15 1.50 0.00	43.07 1.65 0.00	44.23 1.68 0.00	43.23 1.69 0.00	39.42 1.61 -0.51	46.79 1.67 -0.16	40.98 1.47 -0.05	42.92 1.44 0.00	37.27 1.50 0.00	33.98 1.51 0.00	43.12 1.75 0.00	57.42 2.36 0.00	44.12 1.52 0.00	40.69 1.32 0.00	45.86 0.77 0.00	46.97 0.71 0.00	40.85 0.83 0.00	35.98 0.88 0.00
BROOKLYN___ARMY_DRP 323595	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
BROOME_2_LFGE 323671	20.07 -0.13 0.00	21.50 -0.07 0.00	25.06 -0.10 0.00	23.09 -0.14 0.00	21.57 -0.08 0.00	29.58 0.04 -0.05	38.97 0.32 0.00	43.54 0.29 -1.84	45.08 0.38 -2.15	44.04 0.44 -2.06	39.60 0.50 -1.80	53.04 0.74 -7.35	50.93 0.56 -10.92	47.13 0.42 -5.23	38.51 0.39 -2.35	35.09 0.26 -2.37	44.06 0.43 -2.26	58.60 0.45 -3.10	45.64 0.30 -2.74	44.27 0.05 -4.85	49.40 -0.05 -4.36	55.28 0.18 -8.84	44.26 0.20 -4.05	36.57 0.07 -1.39
BROOME___LFGE 323600	20.07 -0.13 0.00	21.50 -0.07 0.00	25.06 -0.10 0.00	23.09 -0.14 0.00	21.57 -0.08 0.00	29.58 0.04 -0.05	38.97 0.32 0.00	43.54 0.29 -1.84	45.08 0.38 -2.15	44.04 0.44 -2.06	39.60 0.50 -1.80	53.04 0.74 -7.35	50.93 0.56 -10.92	47.13 0.42 -5.23	38.51 0.39 -2.35	35.09 0.26 -2.37	44.06 0.43 -2.26	58.60 0.45 -3.10	45.64 0.30 -2.74	44.27 0.05 -4.85	49.40 -0.05 -4.36	55.28 0.18 -8.84	44.26 0.20 -4.05	36.57 0.07 -1.39
BROWNFLS_115KV_TB 3_5 80003	20.15 -0.05 0.00	21.62 0.05 0.00	25.32 0.17 0.00	23.39 0.16 0.00	21.85 0.19 0.00	29.71 0.19 -0.03	39.28 0.63 0.00	43.49 1.11 -0.96	44.85 1.18 -1.12	171.06 0.77 -128.76	243.06 0.72 -205.03	928.32 0.97 -882.39	46.13 1.02 -5.66	45.39 1.20 -2.71	37.97 0.98 -1.22	34.52 0.82 -1.23	43.45 0.90 -1.17	58.00 1.34 -1.61	45.31 1.29 -1.42	43.16 1.27 -2.51	48.72 1.37 -2.26	52.36 1.51 -4.58	43.46 1.35 -2.10	36.96 1.14 -0.72
BROWNSV1_27_KV_LOAD 356125	21.23 1.03 0.00	22.54 0.97 0.00	26.16 1.01 0.00	24.16 0.92 0.00	22.54 0.89 0.00	30.74 1.25 0.00	40.58 1.94 0.00	43.57 2.15 0.00	44.76 2.21 0.00	43.75 2.22 0.00	39.91 2.10 -0.51	47.38 2.26 -0.16	41.51 2.00 -0.05	43.47 1.99 0.00	37.75 1.98 0.00	34.41 1.95 0.00	43.67 2.30 0.00	58.12 3.06 0.00	44.66 2.06 0.00	41.20 1.83 0.00	46.43 1.35 0.00	47.57 1.31 0.00	41.33 1.31 0.00	36.35 1.25 0.00
BURROWS___LYONSDAL 23803	20.20 0.00 0.00	21.67 0.10 0.00	25.36 0.20 0.00	23.44 0.21 0.00	21.89 0.24 0.00	29.77 0.26 -0.03	39.52 0.87 0.00	43.66 1.30 -0.94	44.98 1.34 -1.09	79.15 0.69 -36.92	96.28 0.72 -58.26	296.37 0.84 -250.57	45.94 0.96 -5.53	45.22 1.09 -2.65	38.07 1.11 -1.19	34.66 0.99 -1.20	43.85 1.33 -1.15	58.68 2.06 -1.57	45.64 1.65 -1.39	43.34 1.51 -2.46	48.63 1.33 -2.21	52.16 1.42 -4.48	43.25 1.18 -2.05	36.67 0.86 -0.71
CAITHNESS_CC_1 323624	20.72 0.51 0.00	21.94 0.37 0.00	25.35 0.20 0.00	23.51 0.27 0.00	21.97 0.32 0.00	30.00 0.51 0.00	39.48 0.84 0.00	42.24 0.82 0.00	43.43 0.88 0.00	42.46 0.93 0.00	38.89 1.09 -0.50	45.19 0.08 -0.16	40.08 0.58 -0.05	41.69 0.21 0.00	36.48 0.70 0.00	33.25 0.78 0.00	41.83 0.46 0.00	55.86 0.81 0.00	43.12 0.52 0.00	39.87 0.49 0.00	44.56 -0.53 0.00	45.08 -0.72 0.47	38.66 -0.54 0.82	34.93 -0.17 0.00
CALPINE BETH_PAGE_GT4 24209	20.91 0.71 0.00	22.17 0.60 0.00	25.67 0.51 0.00	23.75 0.51 0.00	22.18 0.52 0.00	30.27 0.78 0.00	39.81 1.16 0.00	42.60 1.18 0.00	43.85 1.30 0.00	42.92 1.38 0.00	39.34 1.53 -0.51	45.97 0.86 -0.16	40.65 1.15 -0.05	42.33 0.85 0.00	36.79 1.01 0.00	33.49 1.02 0.00	42.27 0.90 0.00	56.41 1.35 0.00	43.46 0.86 0.00	40.15 0.78 0.00	45.02 -0.07 0.00	45.71 -0.19 0.37	39.29 -0.09 0.63	35.41 0.31 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.91 0.71 0.00	22.17 0.60 0.00	25.67 0.52 0.00	23.75 0.51 0.00	22.17 0.52 0.00	30.27 0.78 0.00	39.81 1.16 0.00	42.61 1.19 0.00	43.86 1.31 0.00	42.92 1.39 0.00	39.31 1.49 -0.51	45.98 0.87 -0.16	40.66 1.16 -0.05	42.32 0.84 0.00	36.79 1.01 0.00	33.48 1.02 0.00	42.26 0.89 0.00	56.40 1.34 0.00	43.46 0.86 0.00	40.15 0.78 0.00	45.02 -0.07 0.00	45.71 -0.18 0.37	39.28 -0.09 0.63	35.41 0.31 0.00
CALPINE_BP_GT1 23823	20.91 0.71 0.00	22.17 0.60 0.00	25.67 0.52 0.00	23.75 0.51 0.00	22.17 0.52 0.00	30.27 0.78 0.00	39.81 1.16 0.00	42.61 1.19 0.00	43.86 1.31 0.00	42.92 1.39 0.00	39.31 1.49 -0.51	45.98 0.87 -0.16	40.66 1.16 -0.05	42.32 0.84 0.00	36.79 1.01 0.00	33.48 1.02 0.00	42.26 0.89 0.00	56.40 1.34 0.00	43.46 0.86 0.00	40.15 0.78 0.00	45.02 -0.07 0.00	45.71 -0.18 0.37	39.28 -0.09 0.63	35.41 0.31 0.00
CALSPAN___DRP 24200	19.66 -0.54 0.00	21.33 -0.24 0.00	24.84 -0.31 0.00	22.87 -0.37 0.00	21.40 -0.26 0.00	29.46 -0.07 -0.04	38.84 0.20 0.00	42.83 -0.02 -1.43	45.10 0.81 -1.74	44.88 1.67 -1.68	40.52 1.75 -1.47	54.30 2.92 -6.42	50.79 2.43 -8.90	48.09 2.35 -4.27	39.56 1.87 -1.92	35.69 1.28 -1.94	44.55 1.32 -1.86	58.24 0.64 -2.54	45.26 0.42 -2.25	43.16 -0.19 -3.97	48.75 0.09 -3.57	54.28 0.78 -7.24	44.32 0.99 -3.32	37.11 0.87 -1.14

FREEPORT_EQUS_GT1 23764	21.00 0.80 0.00	22.27 0.70 0.00	25.79 0.64 0.00	23.86 0.62 0.00	22.27 0.61 0.00	30.42 0.93 0.00	40.00 1.35 0.00	42.82 1.40 0.00	44.09 1.54 0.00	43.13 1.59 0.00	39.51 1.69 -0.52	46.26 1.15 -0.16	40.89 1.39 -0.05	42.56 1.08 0.00	37.08 1.31 0.00	33.75 1.29 0.00	42.66 1.29 0.00	56.94 1.89 0.00	43.87 1.27 0.00	40.54 1.17 0.00	45.49 0.41 0.00	46.24 0.31 0.33	39.77 0.32 0.56	35.66 0.56 0.00
FREEPORT___CT2 23818	21.00 0.80 0.00	22.27 0.70 0.00	25.79 0.64 0.00	23.86 0.62 0.00	22.27 0.61 0.00	30.42 0.93 0.00	40.00 1.35 0.00	42.82 1.40 0.00	44.09 1.54 0.00	43.13 1.59 0.00	39.51 1.69 -0.52	46.26 1.15 -0.16	40.89 1.39 -0.05	42.56 1.08 0.00	37.08 1.31 0.00	33.75 1.29 0.00	42.66 1.29 0.00	56.94 1.89 0.00	43.87 1.27 0.00	40.54 1.17 0.00	45.49 0.41 0.00	46.24 0.31 0.33	39.77 0.32 0.56	35.66 0.56 0.00
FRESHKLS_33_KV_LOAD 356253	21.40 1.20 0.00	22.08 1.09 0.57	25.26 1.05 0.94	22.80 1.00 1.43	22.38 0.86 0.13	30.20 1.24 0.53	32.79 2.07 7.93	35.52 2.35 8.25	30.42 2.44 14.57	22.20 2.44 21.78	16.28 2.25 23.27	24.43 2.40 22.92	26.46 2.11 15.09	28.34 2.10 15.23	28.71 2.06 9.13	28.23 1.96 6.20	28.69 2.35 15.02	37.15 3.11 21.01	37.48 2.01 7.13	37.00 1.84 4.22	36.64 1.45 9.89	41.03 1.38 6.61	37.65 1.45 3.81	35.86 1.34 0.58
FULTON COGEN____ 23766	20.07 -0.13 0.00	21.45 -0.12 0.00	24.99 -0.16 0.00	23.06 -0.18 0.00	21.51 -0.14 0.00	29.46 -0.09 -0.06	38.77 0.12 0.00	43.72 0.18 -2.12	45.08 0.08 -2.46	49.66 0.17 -7.96	48.53 0.21 -11.02	92.02 0.19 -46.88	52.10 0.21 -12.45	47.56 0.12 -5.96	38.47 0.02 -2.68	35.22 0.05 -2.70	44.04 0.09 -2.58	58.75 0.16 -3.54	45.79 0.06 -3.13	44.89 -0.02 -5.54	49.89 -0.18 -4.98	56.23 -0.12 -10.09	44.46 -0.17 -4.62	36.46 -0.23 -1.59
FULTON___LFGE 323630	20.90 0.70 0.00	22.33 0.76 0.00	26.07 0.92 0.00	24.06 0.82 0.00	22.44 0.79 0.00	30.69 1.20 0.00	40.61 1.96 0.00	43.94 2.52 0.00	44.52 1.97 0.00	42.78 1.25 0.00	37.36 0.38 0.32	44.95 0.10 0.10	39.30 -0.11 0.04	41.64 0.17 0.00	36.07 0.30 0.00	33.29 0.83 0.00	42.17 0.79 0.00	56.96 1.90 0.00	44.72 2.13 0.00	41.52 2.15 0.00	47.36 2.28 0.00	48.59 2.33 0.00	41.92 1.90 0.00	36.69 1.59 0.00
G.F.CEMENT___DRP 24184	21.58 1.38 0.00	22.98 1.41 0.00	26.74 1.58 0.00	24.70 1.46 0.00	23.03 1.38 0.00	31.35 1.87 0.00	41.34 2.69 0.00	44.27 2.85 0.00	44.99 2.44 0.00	43.38 1.84 0.00	38.14 1.34 0.51	46.20 1.40 0.16	40.46 1.07 0.05	42.41 0.94 0.00	36.62 0.85 0.00	33.38 0.92 0.00	42.71 1.34 0.00	57.57 2.52 0.00	44.53 1.93 0.00	41.31 1.93 0.00	47.04 1.96 0.00	47.99 1.73 0.00	41.27 1.26 0.00	36.25 1.14 0.00
GARDENVILLE___LBMP 24039	19.61 -0.59 0.00	21.27 -0.30 0.00	24.77 -0.38 0.00	22.80 -0.43 0.00	21.34 -0.32 0.00	29.38 -0.15 -0.04	38.72 0.07 0.00	42.65 -0.24 -1.47	44.89 0.55 -1.79	44.67 1.40 -1.73	40.31 1.50 -1.51	54.05 2.54 -6.55	50.69 2.09 -9.16	47.87 2.01 -4.39	39.38 1.63 -1.97	35.52 1.11 -1.95	44.34 1.11 -1.86	57.96 0.36 -2.54	45.02 0.17 -2.25	42.96 -0.40 -3.98	48.50 -0.16 -3.58	54.04 0.53 -7.26	44.15 0.81 -3.33	36.98 0.73 -1.14
GARDNVLA_35_KV_LD 355827	19.70 -0.50 0.00	21.37 -0.20 0.00	24.89 -0.26 0.00	22.91 -0.32 0.00	21.43 -0.22 0.00	29.51 -0.02 -0.04	38.93 0.28 0.00	43.02 0.18 -1.42	45.31 1.03 -1.73	45.09 1.89 -1.67	40.72 1.96 -1.46	54.54 3.18 -6.41	50.98 2.68 -8.86	48.32 2.59 -4.25	39.77 2.09 -1.91	35.91 1.50 -1.94	44.86 1.64 -1.85	58.65 1.06 -2.54	45.57 0.73 -2.25	43.42 0.08 -3.97	49.05 0.40 -3.57	54.58 1.08 -7.24	44.56 1.23 -3.32	37.29 1.05 -1.14
GELCKHM___115KV_LOAD 80723	19.97 -0.23 0.00	21.35 -0.22 0.00	24.88 -0.27 0.00	22.96 -0.27 0.00	21.41 -0.25 0.00	29.31 -0.25 -0.07	38.52 -0.13 0.00	44.08 -0.14 -2.80	45.67 -0.10 -3.22	49.68 -0.07 -8.22	48.22 0.01 -10.91	91.33 0.14 -46.23	55.93 0.18 -16.30	49.38 0.09 -7.81	39.32 0.04 -3.51	36.00 0.00 -3.54	44.79 0.03 -3.38	59.77 0.09 -4.63	46.69 0.00 -4.10	46.51 -0.11 -7.25	51.34 -0.27 -6.52	59.26 -0.21 -13.21	45.86 -0.21 -6.05	36.92 -0.27 -2.08
GENERAL___MILLS 23808	19.66 -0.54 0.00	21.33 -0.24 0.00	24.84 -0.31 0.00	22.87 -0.37 0.00	21.40 -0.26 0.00	29.46 -0.07 -0.04	38.84 0.20 0.00	42.83 -0.02 -1.43	45.10 0.81 -1.74	44.88 1.67 -1.68	40.52 1.75 -1.47	54.30 2.92 -6.42	50.79 2.43 -8.90	48.09 2.35 -4.27	39.56 1.87 -1.92	35.69 1.28 -1.94	44.55 1.32 -1.86	58.24 0.64 -2.54	45.26 0.42 -2.25	43.16 -0.19 -3.97	48.75 0.09 -3.57	54.28 0.78 -7.24	44.32 0.99 -3.32	37.11 0.87 -1.14
GE_PLASTICS___DRP 24183	20.45 0.25 0.00	21.80 0.23 0.00	25.39 0.24 0.00	23.47 0.23 0.00	21.86 0.20 0.00	29.70 0.21 0.00	39.00 0.35 0.00	41.84 0.42 0.00	42.87 0.32 0.00	41.60 0.07 0.00	37.03 0.02 0.29	44.75 -0.11 0.09	39.31 -0.11 0.03	41.29 -0.19 0.00	35.68 -0.09 0.00	32.50 0.03 0.00	41.40 0.02 0.00	55.24 0.18 0.00	42.59 -0.01 0.00	39.46 0.08 0.00	44.85 -0.23 0.00	45.94 -0.32 0.00	39.73 -0.28 0.00	34.91 -0.19 0.00
GILBOA___1 23756	20.50 0.30 0.00	21.88 0.31 0.00	25.56 0.41 0.00	23.61 0.37 0.00	21.93 0.27 0.00	29.86 0.37 0.00	39.28 0.63 0.00	42.12 0.70 0.00	43.22 0.67 0.00	42.08 0.54 0.00	37.79 0.49 0.00	45.44 0.49 0.00	39.85 0.40 0.00	41.81 0.33 0.00	36.13 0.36 0.00	32.81 0.34 0.00	41.78 0.41 0.00	55.69 0.63 0.00	42.84 0.24 0.00	39.60 0.23 0.00	45.01 -0.07 0.00	46.25 -0.01 0.00	40.06 0.04 0.00	35.18 0.07 0.00
GILBOA___2 23757	20.50 0.30 0.00	21.88 0.31 0.00	25.56 0.41 0.00	23.61 0.37 0.00	21.93 0.27 0.00	29.86 0.37 0.00	39.28 0.63 0.00	42.12 0.70 0.00	43.22 0.67 0.00	42.08 0.54 0.00	37.79 0.49 0.00	45.44 0.49 0.00	39.85 0.40 0.00	41.81 0.33 0.00	36.13 0.36 0.00	32.81 0.34 0.00	41.78 0.41 0.00	55.69 0.63 0.00	42.84 0.24 0.00	39.60 0.23 0.00	45.01 -0.07 0.00	46.25 -0.01 0.00	40.06 0.04 0.00	35.18 0.07 0.00
GILBOA___3 23758	20.50 0.30 0.00	21.88 0.31 0.00	25.56 0.41 0.00	23.61 0.37 0.00	21.93 0.27 0.00	29.86 0.37 0.00	39.28 0.63 0.00	42.12 0.70 0.00	43.22 0.67 0.00	42.08 0.54 0.00	37.79 0.49 0.00	45.44 0.49 0.00	39.85 0.40 0.00	41.81 0.33 0.00	36.13 0.36 0.00	32.81 0.34 0.00	41.78 0.41 0.00	55.69 0.63 0.00	42.84 0.24 0.00	39.60 0.23 0.00	45.01 -0.07 0.00	46.25 -0.01 0.00	40.06 0.04 0.00	35.18 0.07 0.00
GILBOA___4 23759	20.50 0.30 0.00	21.88 0.31 0.00	25.56 0.41 0.00	23.61 0.37 0.00	21.93 0.27 0.00	29.86 0.37 0.00	39.28 0.63 0.00	42.12 0.70 0.00	43.22 0.67 0.00	42.08 0.54 0.00	37.79 0.49 0.00	45.44 0.49 0.00	39.85 0.40 0.00	41.81 0.33 0.00	36.13 0.36 0.00	32.81 0.34 0.00	41.78 0.41 0.00	55.69 0.63 0.00	42.84 0.24 0.00	39.60 0.23 0.00	45.01 -0.07 0.00	46.25 -0.01 0.00	40.06 0.04 0.00	35.18 0.07 0.00

GILBOA____ 23599	20.50 0.30 0.00	21.88 0.31 0.00	25.57 0.41 0.00	23.61 0.38 0.00	21.93 0.28 0.00	29.86 0.37 0.00	39.28 0.63 0.00	42.12 0.70 0.00	43.22 0.67 0.00	42.08 0.54 0.00	37.79 0.49 0.00	45.44 0.49 0.00	39.85 0.40 0.00	41.81 0.34 0.00	36.13 0.35 0.00	32.81 0.34 0.00	41.78 0.41 0.00	55.69 0.63 0.00	42.84 0.24 0.00	39.60 0.23 0.00	45.00 -0.08 0.00	46.25 -0.01 0.00	40.06 0.04 0.00	35.18 0.07 0.00
GINNA____ 23603	19.20 -1.00 0.00	20.59 -0.98 0.00	23.99 -1.16 0.00	22.13 -1.11 0.00	20.66 -1.00 0.00	28.31 -1.22 -0.04	37.37 -1.27 0.00	41.34 -1.37 -1.29	43.08 -1.08 -1.61	42.46 -0.64 -1.56	38.21 -0.46 -1.37	50.13 -0.24 -5.41	47.53 -0.20 -8.28	45.23 -0.22 -3.97	37.24 -0.32 -1.78	33.75 -0.51 -1.80	42.36 -0.73 -1.72	56.28 -1.13 -2.35	43.72 -0.96 -2.08	41.94 -1.13 -3.69	47.06 -1.34 -3.32	51.78 -1.20 -6.72	42.06 -1.04 -3.08	35.14 -1.03 -1.06
GLEN PARK____ 23778	20.26 0.06 0.00	21.84 0.27 0.00	25.54 0.39 0.00	23.57 0.33 0.00	22.02 0.37 0.00	30.04 0.48 -0.07	40.01 1.36 0.00	45.87 2.22 -2.23	47.37 2.23 -2.59	94.11 1.02 -51.55	119.20 1.29 -80.61	392.69 1.30 -346.42	54.52 1.94 -13.13	49.56 1.79 -6.29	40.75 2.15 -2.83	37.37 2.05 -2.85	46.48 2.39 -2.72	62.47 3.68 -3.73	48.96 3.06 -3.30	47.95 2.74 -5.84	52.86 2.52 -5.25	59.69 2.79 -10.64	47.09 2.20 -4.88	38.37 1.60 -1.67
GLENDALE_27_KV_LOAD 356172	21.19 0.99 0.00	22.50 0.93 0.00	26.09 0.94 0.00	24.11 0.88 0.00	22.49 0.84 0.00	30.67 1.18 0.00	40.52 1.88 0.00	43.53 2.11 0.00	44.74 2.19 0.00	43.76 2.22 -0.01	39.89 2.08 -0.51	47.37 2.25 -0.17	41.48 1.97 -0.06	43.45 1.97 -0.01	37.73 1.95 -0.01	34.37 1.90 -0.01	43.64 2.26 -0.01	58.03 2.97 0.00	44.55 1.95 0.00	41.08 1.70 0.00	46.33 1.24 0.00	47.46 1.20 0.00	41.25 1.24 0.00	36.28 1.18 0.00
GLENWOOD_IC_1_G5 23712	21.05 0.85 0.00	22.34 0.77 0.00	25.90 0.75 0.00	23.94 0.70 0.00	22.34 0.69 0.00	30.47 0.99 0.00	40.15 1.51 0.00	43.02 1.60 0.00	44.25 1.70 0.00	43.27 1.74 0.00	39.59 1.77 -0.51	46.69 1.58 -0.16	41.09 1.59 -0.05	42.94 1.46 0.00	37.33 1.56 0.00	33.98 1.52 0.00	43.01 1.64 0.00	56.99 1.94 0.00	43.84 1.24 0.00	40.48 1.11 0.00	45.54 0.45 0.00	46.70 0.61 0.17	40.37 0.65 0.29	35.86 0.76 0.00
GLENWOOD_IC_2_G1 23688	21.00 0.80 0.00	22.29 0.72 0.00	25.86 0.71 0.00	23.90 0.66 0.00	22.29 0.63 0.00	30.40 0.91 0.00	40.06 1.41 0.00	42.93 1.51 0.00	44.14 1.59 0.00	43.13 1.59 0.00	39.39 1.58 -0.51	46.56 1.44 -0.16	40.92 1.41 -0.05	42.77 1.29 0.00	37.18 1.40 0.00	33.85 1.39 0.00	42.90 1.53 0.00	57.15 2.09 0.00	43.96 1.36 0.00	40.59 1.22 0.00	45.70 0.62 0.00	46.83 0.57 0.00	40.61 0.60 0.00	35.78 0.67 0.00
GLENWOOD_IC_3_G1 23689	21.00 0.80 0.00	22.29 0.72 0.00	25.86 0.71 0.00	23.90 0.66 0.00	22.29 0.63 0.00	30.40 0.91 0.00	40.06 1.41 0.00	42.93 1.51 0.00	44.14 1.59 0.00	43.13 1.59 0.00	39.39 1.58 -0.51	46.56 1.44 -0.16	40.92 1.41 -0.05	42.77 1.29 0.00	37.18 1.40 0.00	33.85 1.39 0.00	42.90 1.53 0.00	57.15 2.09 0.00	43.96 1.36 0.00	40.59 1.22 0.00	45.70 0.62 0.00	46.83 0.57 0.00	40.61 0.60 0.00	35.78 0.67 0.00
GLENWOOD____4 23550	21.05 0.85 0.00	22.34 0.77 0.00	25.90 0.75 0.00	23.94 0.70 0.00	22.34 0.69 0.00	30.47 0.99 0.00	40.15 1.51 0.00	43.02 1.60 0.00	44.25 1.70 0.00	43.27 1.74 0.00	39.59 1.77 -0.51	46.69 1.58 -0.16	41.09 1.59 -0.05	42.94 1.46 0.00	37.33 1.56 0.00	33.98 1.52 0.00	43.02 1.65 0.00	57.13 2.07 0.00	43.95 1.35 0.00	40.58 1.21 0.00	45.65 0.56 0.00	46.71 0.63 0.17	40.37 0.65 0.29	35.86 0.76 0.00
GLENWOOD____5 23614	21.05 0.85 0.00	22.34 0.77 0.00	25.90 0.75 0.00	23.94 0.70 0.00	22.34 0.69 0.00	30.47 0.99 0.00	40.15 1.51 0.00	43.02 1.60 0.00	44.25 1.70 0.00	43.27 1.74 0.00	39.59 1.77 -0.51	46.69 1.58 -0.16	41.09 1.59 -0.05	42.94 1.46 0.00	37.33 1.56 0.00	33.98 1.52 0.00	43.02 1.65 0.00	57.13 2.07 0.00	43.95 1.35 0.00	40.58 1.21 0.00	45.65 0.56 0.00	46.71 0.63 0.17	40.37 0.65 0.29	35.86 0.76 0.00
GLOBAL GREEN_PORT_GT1 23814	21.10 0.90 0.00	22.36 0.79 0.00	25.95 0.80 0.00	24.16 0.92 0.00	22.61 0.96 0.00	30.93 1.44 0.00	40.76 2.12 0.00	43.58 2.16 0.00	44.77 2.22 0.00	43.76 2.23 0.00	40.05 2.25 -0.50	46.60 1.48 -0.16	41.26 1.76 -0.05	42.86 1.39 0.00	37.56 1.78 0.00	34.26 1.79 0.00	43.26 1.89 0.00	57.88 2.83 0.00	44.67 2.08 0.00	41.28 1.90 0.00	46.06 0.98 0.00	46.52 0.72 0.47	39.72 0.53 0.82	35.78 0.68 0.00
GLOBE____DSASP 323697	19.43 -0.78 0.00	21.13 -0.44 0.00	24.64 -0.52 0.00	22.70 -0.54 0.00	21.18 -0.48 0.00	29.09 -0.43 -0.04	38.30 -0.35 0.00	42.17 -0.62 -1.38	44.50 0.26 -1.68	44.40 1.23 -1.63	39.98 1.26 -1.43	53.17 1.99 -6.23	49.52 1.47 -8.60	47.03 1.43 -4.13	38.77 1.14 -1.86	34.84 0.50 -1.88	43.34 0.17 -1.80	56.10 -1.42 -2.46	43.56 -1.22 -2.18	41.56 -1.67 -3.85	46.96 -1.59 -3.46	52.41 -0.88 -7.02	43.13 -0.10 -3.22	36.44 0.23 -1.11
GOETHSLN____LBMP 323567	20.96 0.76 0.00	21.69 0.69 0.57	24.88 0.67 0.94	22.42 0.61 1.43	22.16 0.63 0.13	29.83 0.87 0.53	32.93 1.39 7.10	36.12 1.53 6.83	36.33 1.58 7.81	31.83 1.62 11.32	27.00 1.55 11.86	34.73 1.61 11.84	33.06 1.42 7.81	34.95 1.37 7.90	32.49 1.45 4.73	30.74 1.49 3.22	35.29 1.71 7.79	46.55 2.27 10.78	40.52 1.45 3.53	38.49 1.23 2.11	40.37 0.63 5.35	43.51 0.59 3.34	38.76 0.72 1.98	35.49 0.78 0.39
GOLAH____69_KV_TB 1_2 80279	20.29 0.08 0.00	21.77 0.20 0.00	25.40 0.24 0.00	23.41 0.17 0.00	21.86 0.20 0.00	30.01 0.48 -0.04	39.68 1.04 0.00	43.72 1.02 -1.28	45.63 1.43 -1.65	45.38 2.23 -1.61	41.03 2.32 -1.41	54.80 3.09 -6.76	50.68 2.68 -8.56	48.34 2.76 -4.10	39.85 2.23 -1.84	35.93 1.60 -1.86	44.83 1.68 -1.78	59.34 1.85 -2.43	46.14 1.39 -2.15	44.14 0.96 -3.81	49.64 1.13 -3.42	54.72 1.52 -6.94	44.57 1.37 -3.18	37.46 1.26 -1.09
GOODYEAR_LAKE_HYD 323669	20.55 0.35 0.00	21.94 0.37 0.00	25.62 0.46 0.00	23.64 0.41 0.00	22.02 0.36 0.00	30.14 0.64 -0.02	39.86 1.22 0.00	43.67 1.50 -0.76	44.87 1.43 -0.88	43.79 1.41 -0.85	39.40 1.36 -0.74	49.56 1.62 -2.99	45.25 1.31 -4.49	45.03 1.40 -2.15	38.01 1.27 -0.97	34.49 1.05 -0.97	43.63 1.33 -0.93	58.18 1.85 -1.27	45.15 1.43 -1.13	42.64 1.27 -2.00	48.06 1.18 -1.80	51.21 1.31 -3.64	42.78 1.10 -1.67	36.57 0.89 -0.57
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.06 -0.14 0.00	21.49 -0.08 0.00	25.05 -0.10 0.00	23.09 -0.15 0.00	21.55 -0.10 0.00	29.57 0.03 -0.05	38.96 0.32 0.00	43.54 0.28 -1.84	45.06 0.36 -2.15	44.01 0.42 -2.06	39.60 0.50 -1.80	53.04 0.74 -7.35	50.91 0.54 -10.92	47.10 0.39 -5.23	38.50 0.37 -2.35	35.07 0.24 -2.37	44.03 0.40 -2.26	58.54 0.39 -3.10	45.60 0.25 -2.74	44.23 0.00 -4.85	49.35 -0.10 -4.36	55.26 0.16 -8.84	44.25 0.19 -4.05	36.55 0.06 -1.39

GOUDEY___7 23579	20.06 -0.14 0.00	21.49 -0.08 0.00	25.05 -0.10 0.00	23.09 -0.15 0.00	21.55 -0.10 0.00	29.57 0.03 -0.05	38.96 0.32 0.00	43.54 0.28 -1.84	45.06 0.36 -2.15	44.01 0.42 -2.06	39.60 0.50 -1.80	53.04 0.74 -7.35	50.91 0.54 -10.92	47.10 0.39 -5.23	38.50 0.37 -2.35	35.07 0.24 -2.37	44.03 0.40 -2.26	58.54 0.39 -3.10	45.60 0.25 -2.74	44.23 0.00 -4.85	49.35 -0.10 -4.36	55.26 0.16 -8.84	44.25 0.19 -4.05	36.55 0.06 -1.39
GOUDEY___8 23580	20.06 -0.14 0.00	21.49 -0.08 0.00	25.05 -0.10 0.00	23.09 -0.15 0.00	21.55 -0.10 0.00	29.57 0.03 -0.05	38.96 0.32 0.00	43.54 0.28 -1.84	45.06 0.36 -2.15	44.01 0.42 -2.06	39.60 0.50 -1.80	53.04 0.74 -7.35	50.91 0.54 -10.92	47.10 0.39 -5.23	38.50 0.37 -2.35	35.07 0.24 -2.37	44.03 0.40 -2.26	58.54 0.39 -3.10	45.60 0.25 -2.74	44.23 0.00 -4.85	49.35 -0.10 -4.36	55.26 0.16 -8.84	44.25 0.19 -4.05	36.55 0.06 -1.39
GOWANUS_GT1_1 24077	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT1_2 24078	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT1_3 24079	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT1_4 24080	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT1_5 24084	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT1_6 24111	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87																				

GOWANUS_GT2_6 24119	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT2_7 24120	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT2_8 24121	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT3_1 24122	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT3_2 24123	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT3_3 24124	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT3_4 24125	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
GOWANUS_GT3_5 24126	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00																				

GOWANUS_GT4_5 24134	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT4_6 24135	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT4_7 24136	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GOWANUS_GT4_8 24137	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GREATVRV_69_KV_BK1 356245	21.07 0.87 0.00	22.33 0.76 0.00	25.82 0.67 0.00	23.92 0.68 0.00	22.35 0.70 0.00	30.53 1.04 0.00	40.23 1.58 0.00	43.05 1.62 0.00	44.29 1.74 0.00	43.32 1.78 0.00	39.69 1.88 -0.51	46.22 1.10 -0.16	40.94 1.44 -0.05	42.66 1.18 0.00	37.27 1.50 0.00	34.01 1.55 0.00	42.83 1.46 0.00	57.24 2.18 0.00	44.16 1.56 0.00	40.81 1.44 0.00	45.59 0.50 0.00	46.20 0.39 0.45	39.62 0.40 0.79	35.72 0.62 0.00
GREENBSH_115KV_TB3 55895	20.39 0.19 0.00	21.72 0.15 0.00	25.27 0.12 0.00	23.38 0.14 0.00	21.78 0.12 0.00	29.55 0.06 0.00	38.80 0.15 0.00	41.63 0.21 0.00	42.61 0.06 0.00	41.32 -0.22 0.41	36.64 -0.25 0.13	44.36 -0.46 0.04	38.98 -0.42 0.00	40.97 -0.51 0.00	35.44 -0.33 0.00	32.31 -0.15 0.00	41.16 -0.21 0.00	54.95 -0.11 0.00	42.36 -0.24 0.00	39.26 -0.11 0.00	44.63 -0.46 0.00	45.66 -0.60 0.00	39.49 -0.53 0.00	34.69 -0.42 0.00
GREENDGE_115KV_TB5 80291	20.07 -0.13 0.00	21.54 -0.03 0.00	25.07 -0.08 0.00	23.11 -0.12 0.00	21.66 0.01 0.00	29.82 0.27 -0.06	39.31 0.66 0.00	44.35 0.61 -2.32	45.80 0.56 -2.69	44.70 0.60 -2.57	40.63 1.08 -2.25	55.55 1.44 -9.16	54.00 0.94 -13.61	48.63 0.63 -6.52	39.47 0.77 -2.93	36.20 0.78 -2.95	45.12 0.93 -2.82	60.07 1.16 -3.86	47.05 1.04 -3.42	46.10 0.68 -6.04	51.17 0.66 -5.43	58.20 0.93 -11.01	45.91 0.85 -5.04	37.54 0.70 -1.73
GREENIDGE___3 23582	20.07 -0.13 0.00	21.54 -0.03 0.00	25.07 -0.08 0.00	23.11 -0.12 0.00	21.66 0.01 0.00	29.82 0.27 -0.06	39.31 0.66 0.00	44.35 0.61 -2.32	45.80 0.56 -2.69	44.70 0.60 -2.57	40.63 1.08 -2.25	55.55 1.44 -9.16	54.00 0.94 -13.61	48.63 0.63 -6.52	39.47 0.77 -2.93	36.20 0.78 -2.95	45.12 0.93 -2.82	60.07 1.16 -3.86	47.05 1.04 -3.42	46.10 0.68 -6.04	51.17 0.66 -5.43	58.20 0.93 -11.01	45.91 0.85 -5.04	37.54 0.70 -1.73
GREENIDGE___4 23583	20.07 -0.13 0.00	21.53 -0.03 0.00	25.07 -0.08 0.00	23.11 -0.12 0.00	21.67 0.02 0.00	29.82 0.27 -0.06	39.30 0.66 0.00	44.35 0.61 -2.32	45.80 0.56 -2.69	44.71 0.61 -2.57	40.62 1.07 -2.25	55.56 1.45 -9.16	54.00 0.95 -13.61	48.64 0.64 -6.52	39.48 0.77 -2.93	36.20 0.78 -2.95	45.12 0.93 -2.82	60.07 1.16 -3.86	47.05 1.04 -3.42	46.09 0.68 -6.04	51.16 0.65 -5.43	58.21 0.94 -11.01	45.90 0.84 -5.04	37.54 0.70 -1.73
GREENLWN_69_KV_BK 3 55738	20.87 0.67 0.00	22.14 0.57 0.00	25.62 0.46 0.00	23.71 0.47 0.00	22.14 0.49 0.00	30.22 0.73 0.00	39.71 1.06 0.00	42.33 0.91 0.00	43.60 1.05 0.00	42.78 1.24 0.00	39.32 1.51 -0.50	45.74 0.63 -0.16	40.59 1.09 -0.05	42.30 0.82 0.00	36.86 1.09 0.00	33.55 1.08 0.00	42.11 0.74 0.00	56.19 1.14 0.00	43.29 0.69 0.00	40.00 0.63 0.00	44.82 -0.27 0.00	45.37 -0.43 0.46	38.96 -0.25 0.80	35.26 0.16 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02
GRISSOM___SOLAR 323813	20.93 0.73 0.00	22.36 0.79 0.00	26.09 0.94 0.00	24.07 0.84 0.00	22.46 0.81 0.00	30.70 1.21 0.00	40.59 1.95 0.00	43.84 2.42 0.00	44.47 1.91 0.00	42.70 1.16 0.00	37.13 0.16 0.33	44.58 -0.27 0.10	39.03 -0.38 0.04	41.32 -0.15 0.00	35.76 -0.01 0.00	33.15 0.68 0.00	41.90 0.53 0.00	56.73 1.67 0.00	44.58 1.99 0.00	41.41 2.04 0.00	47.22 2.14 0.00	48.42 2.16 0.00	41.77 1.76 0.00	36.57 1.47 0.00
GROVEVILLE___HYD 323602	21.06 0.86 0.00	22.39 0.82 0.00	26.02 0.87 0.00	24.03 0.79 0.00	22.39 0.73 0.00	30.52 1.04 0.00	40.27 1.63 0.00	43.24 1.82 0.00	44.39 1.84 0.00	43.29 1.75 0.00	39.39 1.60 -0.48	46.83 1.73 -0.15	40.98 1.48 -0.05	42.93 1.45 0.00	37.19 1.42 0.00	33.87 1.41 0.00	43.10 1.73 0.00	57.51 2.46 0.00	44.28 1.68 0.00	40.91 1.54 0.00	46.22 1.13 0.00	47.33 1.07 0.00	41.00 0.98 0.00	36.01 0.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.07 -0.13 0.00	21.44 -0.13 0.00	24.99 -0.16 0.00	23.07 -0.16 0.00	21.50 -0.15 0.00	29.47 -0.11 -0.10	38.72 0.08 0.00	45.15 0.04 -3.69	46.91 0.13 -4.23	50.21 0.11 -8.56	48.23 0.16 -10.76	90.68 0.34 -45.38	61.21 0.37 -21.40	52.01 0.28 -10.25	40.57 0.19 -4.61	37.26 0.14 -4.65	46.05 0.24 -4.44	61.54 0.40 -6.07	48.22 0.24 -5.38	49.00 0.11 -9.52	53.61 -0.03 -8.56	63.64 0.04 -17.34	47.95 -0.01 -7.95	37.74 -0.09 -2.73
HAMLTNNY_34_KV_TB 80303	20.15 -0.05 0.00	21.53 -0.03 0.00	25.11 -0.04 0.00	23.18 -0.05 0.00	21.61 -0.04 0.00	29.66 0.07 -0.09	39.14 0.50 0.00	45.28 2.13 -1.73	47.05 0.73 -3.77	50.18 0.73 -7.91	47.75 0.67 -9.79	87.13 0.99 -41.19	61.38 0.98 -20.95	52.49 0.97 -10.04	41.03 0.75 -4.51	37.58 0.56 -4.55	46.44 0.73 -4.34	62.03 1.03 -5.95	48.45 0.59 -5.26	49.06 0.37 -9.32	53.77 0.31 -8.38	63.71 0.46 -16.98	48.19 0.39 -7.78	38.07 0.29 -2.67

HAMPSHIRE___PAPER_HYD 323593	20.15 -0.05 0.00	21.62 0.05 0.00	25.32 0.17 0.00	23.39 0.16 0.00	21.85 0.19 0.00	29.71 0.19 -0.03	39.28 0.63 0.00	43.48 1.11 -0.96	44.85 1.18 -1.12	171.06 0.77 -128.76	243.06 0.73 -205.03	928.32 0.97 -882.39	46.13 1.02 -5.66	45.39 1.20 -2.71	37.97 0.98 -1.22	34.52 0.82 -1.23	43.45 0.90 -1.17	58.00 1.33 -1.61	45.31 1.29 -1.42	43.16 1.27 -2.51	48.72 1.37 -2.26	52.36 1.51 -4.58	43.46 1.35 -2.10	36.96 1.14 -0.72
HARDSCRABBLE_WT_PWR 323673	20.53 0.33 0.00	21.89 0.32 0.00	25.45 0.29 0.00	23.53 0.29 0.00	21.93 0.28 0.00	30.39 0.90 0.00	40.36 1.71 0.00	41.50 0.08 0.00	42.97 0.42 0.00	45.86 -0.12 -4.44	43.87 -0.53 -7.10	74.30 -1.21 -30.56	38.75 -0.70 0.00	40.20 -1.28 0.00	34.95 -0.83 0.00	32.32 -0.15 0.00	41.19 -0.18 0.00	55.98 0.92 0.00	43.52 0.92 0.00	40.28 0.91 0.00	45.66 0.57 0.00	46.76 0.50 0.00	40.13 0.12 0.00	35.27 0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.96 0.75 0.00	22.26 0.69 0.00	25.85 0.70 0.00	23.87 0.63 0.00	22.25 0.59 0.00	30.33 0.84 0.00	40.01 1.36 0.00	42.87 1.45 0.00	44.07 1.52 0.00	43.03 1.49 0.00	39.13 1.38 -0.45	46.60 1.50 -0.14	40.79 1.30 -0.05	42.76 1.29 0.00	37.07 1.30 0.00	33.82 1.35 0.00	42.98 1.61 0.00	57.30 2.24 0.00	44.10 1.51 0.00	40.68 1.31 0.00	45.93 0.84 0.00	47.08 0.82 0.00	40.82 0.81 0.00	35.89 0.79 0.00
HARSNRAD_115KV_TB1 81005	19.56 -0.64 0.00	21.25 -0.32 0.00	24.75 -0.40 0.00	22.80 -0.44 0.00	21.30 -0.36 0.00	29.31 -0.22 -0.04	38.54 -0.11 0.00	42.42 -0.38 -1.38	44.77 0.52 -1.70	44.61 1.43 -1.64	40.29 1.55 -1.44	53.96 2.53 -6.46	50.29 2.12 -8.72	47.76 2.10 -4.18	39.26 1.61 -1.88	35.33 0.97 -1.90	43.88 0.70 -1.81	57.25 -0.28 -2.48	44.50 -0.29 -2.20	42.53 -0.72 -3.88	48.05 -0.52 -3.49	53.53 0.20 -7.07	43.78 0.53 -3.24	36.81 0.59 -1.11
HARZA MOOSE___RIVER 24016	20.20 0.00 0.00	21.67 0.10 0.00	25.36 0.20 0.00	23.44 0.21 0.00	21.89 0.24 0.00	29.77 0.26 -0.03	39.52 0.87 0.00	43.66 1.30 -0.94	44.98 1.34 -1.09	79.15 0.69 -36.92	96.28 0.72 -58.26	296.37 0.84 -250.57	45.94 0.96 -5.53	45.22 1.09 -2.65	38.07 1.11 -1.19	34.66 0.99 -1.20	43.85 1.33 -1.15	58.68 2.06 -1.57	45.64 1.65 -1.39	43.34 1.51 -2.46	48.63 1.33 -2.21	52.16 1.42 -4.48	43.25 1.18 -2.05	36.67 0.86 -0.71
HDSNBRDG_115KV_BRDG_TB1 355580	19.98 -0.22 0.00	21.35 -0.22 0.00	24.88 -0.27 0.00	22.97 -0.27 0.00	21.42 -0.24 0.00	29.32 -0.23 -0.07	38.55 -0.10 0.00	43.84 -0.09 -2.51	45.39 -0.07 -2.90	49.52 -0.01 -8.00	48.14 0.06 -10.78	90.90 0.20 -45.74	54.38 0.23 -14.71	48.64 0.11 -7.05	38.97 0.04 -3.17	35.66 0.00 -3.19	44.45 0.02 -3.05	59.29 0.06 -4.18	46.27 -0.02 -3.69	45.77 -0.14 -6.54	50.65 -0.31 -5.88	57.92 -0.25 -11.92	45.23 -0.25 -5.46	36.69 -0.30 -1.88
HELLGATE_13_KV_LD 55870	21.23 1.03 0.00	22.53 0.97 0.00	26.13 0.97 0.00	24.16 0.92 0.00	22.53 0.88 0.00	30.71 1.22 0.00	40.58 1.93 0.00	43.59 2.17 0.00	44.81 2.25 0.00	43.82 2.28 -0.01	39.95 2.14 -0.51	47.45 2.33 -0.17	41.56 2.05 -0.06	43.51 2.03 -0.01	37.78 2.00 -0.01	34.42 1.95 -0.01	43.71 2.33 -0.01	58.09 3.03 0.00	44.60 2.00 0.00	41.14 1.77 0.00	46.39 1.31 0.00	47.53 1.27 0.00	41.31 1.30 0.00	36.35 1.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.23 1.03 0.00	22.53 0.97 0.00	26.13 0.97 0.00	24.16 0.92 0.00	22.53 0.88 0.00	30.71 1.22 0.00	40.58 1.93 0.00	43.59 2.17 0.00	44.81 2.25 0.00	43.82 2.28 -0.01	39.95 2.14 -0.51	47.45 2.33 -0.17	41.56 2.05 -0.06	43.51 2.03 -0.01	37.78 2.00 -0.01	34.42 1.95 -0.01	43.71 2.33 -0.01	58.09 3.03 0.00	44.60 2.00 0.00	41.14 1.77 0.00	46.39 1.31 0.00	47.53 1.27 0.00	41.31 1.30 0.00	36.35 1.24 0.00
HEMPSTEAD____ 23647	20.90 0.70 0.00	22.18 0.61 0.00	25.69 0.54 0.00	23.76 0.52 0.00	22.17 0.52 0.00	30.27 0.78 0.00	39.83 1.18 0.00	42.66 1.24 0.00	43.90 1.35 0.00	42.94 1.40 0.00	39.32 1.50 -0.51	46.15 1.04 -0.16	40.75 1.25 -0.05	42.47 1.00 0.00	36.98 1.20 0.00	33.65 1.19 0.00	42.54 1.17 0.00	56.68 1.62 0.00	43.64 1.04 0.00	40.31 0.93 0.00	45.26 0.18 0.00	46.11 0.12 0.27	39.75 0.18 0.45	35.52 0.41 0.00
HICKLING___1 23621	19.76 -0.43 0.00	21.26 -0.31 0.00	24.75 -0.41 0.00	22.78 -0.46 0.00	21.37 -0.29 0.00	29.44 -0.09 -0.05	38.92 0.28 0.00	43.46 0.12 -1.92	45.01 0.20 -2.26	44.17 0.46 -2.17	39.93 0.72 -1.90	53.93 1.17 -7.80	51.62 0.67 -11.50	47.39 0.40 -5.51	38.83 0.58 -2.48	35.34 0.38 -2.49	44.36 0.60 -2.38	58.87 0.55 -3.26	45.94 0.46 -2.88	44.46 -0.02 -5.10	49.61 -0.06 -4.59	55.97 0.41 -9.30	44.75 0.47 -4.26	36.80 0.23 -1.46
HICKLING___2 23622	19.76 -0.43 0.00	21.26 -0.31 0.00	24.75 -0.41 0.00	22.78 -0.46 0.00	21.37 -0.29 0.00	29.44 -0.09 -0.05	38.92 0.28 0.00	43.46 0.12 -1.92	45.01 0.20 -2.26	44.17 0.46 -2.17	39.93 0.72 -1.90	53.93 1.17 -7.80	51.62 0.67 -11.50	47.39 0.40 -5.51	38.83 0.58 -2.48	35.34 0.38 -2.49	44.36 0.60 -2.38	58.87 0.55 -3.26	45.94 0.46 -2.88	44.46 -0.02 -5.10	49.61 -0.06 -4.59	55.97 0.41 -9.30	44.75 0.47 -4.26	36.80 0.23 -1.46
HIGH FALLS___HY 23754	20.97 0.76 0.00	22.28 0.71 0.00	25.90 0.74 0.00	23.90 0.66 0.00	22.27 0.62 0.00	30.40 0.92 0.00	40.14 1.50 0.00	43.08 1.66 0.00	44.27 1.72 0.00	43.27 1.73 0.00	39.22 1.58 -0.33	46.71 1.66 -0.10	40.89 1.41 -0.04	42.83 1.35 0.00	37.04 1.26 0.00	33.66 1.19 0.00	42.87 1.50 0.00	57.29 2.24 0.00	44.19 1.59 0.00	40.84 1.47 0.00	46.13 1.04 0.00	47.25 0.99 0.00	40.94 0.93 0.00	35.94 0.84 0.00
HIGH_RIVER___SOLAR 323847	20.74 0.54 0.00	22.14 0.57 0.00	25.83 0.68 0.00	23.84 0.60 0.00	22.22 0.56 0.00	30.29 0.80 0.00	39.91 1.27 0.00	42.92 1.50 0.00	43.78 1.22 0.00	42.12 0.59 0.00	36.85 -0.10 0.35	44.53 -0.32 0.11	39.04 -0.37 0.04	41.14 -0.34 0.00	35.67 -0.11 0.00	32.76 0.29 0.00	41.90 0.53 0.00	56.16 1.10 0.00	43.75 1.15 0.00	40.59 1.21 0.00	46.22 1.14 0.00	47.37 1.11 0.00	40.93 0.92 0.00	35.91 0.80 0.00
HILLBURN___GT 23639	20.94 0.74 0.00	22.23 0.66 0.00	25.81 0.66 0.00	23.83 0.60 0.00	22.21 0.55 0.00	30.28 0.80 0.00	39.94 1.30 0.00	42.80 1.38 0.00	43.99 1.44 0.00	42.95 1.42 0.00	39.09 1.32 -0.46	46.51 1.41 -0.14	40.72 1.23 -0.05	42.69 1.21 0.00	37.04 1.27 0.00	33.76 1.29 0.00	42.87 1.50 0.00	57.12 2.06 0.00	43.95 1.35 0.00	40.53 1.16 0.00	45.70 0.62 0.00	46.85 0.59 0.00	40.68 0.66 0.00	35.81 0.70 0.00
HILLSIDE_115KV_TB1 80332	19.60 -0.60 0.00	21.07 -0.50 0.00	24.54 -0.61 0.00	22.58 -0.66 0.00	21.16 -0.50 0.00	29.12 -0.42 -0.05	38.43 -0.21 0.00	42.95 -0.39 -1.92	44.49 -0.32 -2.26	43.54 -0.16 -2.16	39.36 0.16 -1.89	53.17 0.44 -7.78	51.00 0.08 -11.48	46.80 -0.18 -5.50	38.24 0.00 -2.47	34.79 -0.16 -2.49	43.68 -0.06 -2.37	57.87 -0.44 -3.25	45.13 -0.34 -2.88	43.72 -0.75 -5.09	48.83 -0.84 -4.58	55.16 -0.38 -9.28	44.06 -0.21 -4.25	36.22 -0.34 -1.46

HISHELDN_WT_PWR 323625	19.36 -0.84 0.00	20.95 -0.62 0.00	24.38 -0.78 0.00	22.46 -0.77 0.00	21.13 -0.53 0.00	29.11 -0.42 -0.04	38.29 -0.35 0.00	42.25 -0.71 -1.54	44.35 -0.07 -1.87	44.04 0.71 -1.80	39.72 0.84 -1.58	53.23 1.52 -6.75	50.20 1.20 -9.55	47.17 1.12 -4.58	38.85 1.02 -2.06	35.15 0.63 -2.05	43.85 0.53 -1.96	57.76 0.03 -2.68	45.01 0.04 -2.37	43.10 -0.47 -4.19	48.51 -0.35 -3.77	54.19 0.29 -7.64	44.06 0.55 -3.50	36.77 0.46 -1.20
HOLTSVILLE_IC_1 23690	20.78 0.58 0.00	22.01 0.44 0.00	25.45 0.30 0.00	23.59 0.35 0.00	22.04 0.38 0.00	30.09 0.60 0.00	39.61 0.96 0.00	42.39 0.97 0.00	43.57 1.02 0.00	42.63 1.09 0.00	39.05 1.24 -0.50	45.41 0.30 -0.16	40.27 0.76 -0.05	41.89 0.41 0.00	36.61 0.84 0.00	33.36 0.90 0.00	41.96 0.59 0.00	56.03 0.97 0.00	43.23 0.63 0.00	39.98 0.60 0.00	44.69 -0.39 0.00	45.22 -0.57 0.47	38.78 -0.41 0.82	35.05 -0.06 0.00
HOLTSVILLE_IC_10 23699	20.85 0.66 0.00	22.08 0.51 0.00	25.53 0.37 0.00	23.66 0.42 0.00	22.12 0.46 0.00	30.20 0.72 0.00	39.76 1.12 0.00	42.55 1.14 0.00	43.76 1.21 0.00	42.80 1.26 0.00	39.20 1.39 -0.50	45.59 0.48 -0.16	40.42 0.92 -0.05	42.05 0.57 0.00	36.78 1.00 0.00	33.52 1.06 0.00	42.20 0.82 0.00	56.37 1.31 0.00	43.49 0.89 0.00	40.21 0.84 0.00	44.95 -0.14 0.00	45.46 -0.33 0.47	38.99 -0.21 0.82	35.21 0.11 0.00
HOLTSVILLE_IC_2 23691	20.78 0.58 0.00	22.01 0.44 0.00	25.45 0.30 0.00	23.59 0.35 0.00	22.04 0.38 0.00	30.09 0.60 0.00	39.61 0.96 0.00	42.39 0.97 0.00	43.57 1.02 0.00	42.63 1.09 0.00	39.05 1.24 -0.50	45.41 0.30 -0.16	40.27 0.76 -0.05	41.89 0.41 0.00	36.61 0.84 0.00	33.36 0.90 0.00	41.96 0.59 0.00	56.03 0.97 0.00	43.23 0.63 0.00	39.98 0.60 0.00	44.69 -0.39 0.00	45.22 -0.57 0.47	38.78 -0.41 0.82	35.05 -0.06 0.00
HOLTSVILLE_IC_3 23692	20.78 0.58 0.00	22.01 0.44 0.00	25.45 0.30 0.00	23.59 0.35 0.00	22.04 0.38 0.00	30.09 0.60 0.00	39.61 0.96 0.00	42.39 0.97 0.00	43.57 1.02 0.00	42.63 1.09 0.00	39.05 1.24 -0.50	45.41 0.30 -0.16	40.27 0.76 -0.05	41.89 0.41 0.00	36.61 0.84 0.00	33.36 0.90 0.00	41.96 0.59 0.00	56.03 0.97 0.00	43.23 0.63 0.00	39.98 0.60 0.00	44.69 -0.39 0.00	45.22 -0.57 0.47	38.78 -0.41 0.82	35.05 -0.06 0.00
HOLTSVILLE_IC_4 23693	20.78 0.58 0.00	22.01 0.44 0.00	25.45 0.30 0.00	23.59 0.35 0.00	22.04 0.38 0.00	30.09 0.60 0.00	39.61 0.96 0.00	42.39 0.97 0.00	43.57 1.02 0.00	42.63 1.09 0.00	39.05 1.24 -0.50	45.41 0.30 -0.16	40.27 0.76 -0.05	41.89 0.41 0.00	36.61 0.84 0.00	33.36 0.90 0.00	41.96 0.59 0.00	56.03 0.97 0.00	43.23 0.63 0.00	39.98 0.60 0.00	44.69 -0.39 0.00	45.22 -0.57 0.47	38.78 -0.41 0.82	35.05 -0.06 0.00
HOLTSVILLE_IC_5 23694	20.78 0.58 0.00	22.01 0.44 0.00	25.45 0.30 0.00	23.59 0.35 0.00	22.04 0.38 0.00	30.09 0.60 0.00	39.61 0.96 0.00	42.39 0.97 0.00	43.57 1.02 0.00	42.63 1.09 0.00	39.05 1.24 -0.50	45.41 0.30 -0.16	40.27 0.76 -0.05	41.89 0.41 0.00	36.61 0.84 0.00	33.36 0.90 0.00	41.96 0.59 0.00	56.03 0.97 0.00	43.23 0.63 0.00	39.98 0.60 0.00	44.69 -0.39 0.00	45.22 -0.57 0.47	38.78 -0.41 0.82	35.05 -0.06 0.00
HOLTSVILLE_IC_6 23695	20.85 0.66 0.00	22.08 0.51 0.00	25.53 0.37 0.00	23.66 0.42 0.00	22.12 0.46 0.00	30.20 0.72 0.00	39.76 1.12 0.00	42.55 1.14 0.00	43.76 1.21 0.00	42.80 1.26 0.00	39.20 1.39 -0.50	45.59 0.48 -0.16	40.42 0.92 -0.05	42.05 0.57 0.00	36.78 1.00 0.00	33.52 1.06 0.00	42.20 0.82 0.00	56.37 1.31 0.00	43.49 0.89 0.00	40.21 0.84 0.00	44.95 -0.14 0.00	45.46 -0.33 0.47	38.99 -0.21 0.82	35.21 0.11 0.00
HOLTSVILLE_IC_7 23696	20.85 0.66 0.00	22.08 0.51 0.00	25.53 0.37 0.00	23.66 0.42 0.00	22.12 0.46 0.00	30.20 0.72 0.00	39.76 1.12 0.00	42.55 1.14 0.00	43.76 1.21 0.00	42.80 1.26 0.00	39.20 1.39 -0.50	45.59 0.48 -0.16	40.42 0.92 -0.05	42.05 0.57 0.00	36.78 1.00 0.00	33.52 1.06 0.00	42.20 0.82 0.00	56.37 1.31 0.00	43.49 0.89 0.00	40.21 0.84 0.00	44.95 -0.14 0.00	45.46 -0.33 0.47	38.99 -0.21 0.82	35.21 0.11 0.00
HOLTSVILLE_IC_8 23697	20.85 0.66 0.00	22.08 0.51 0.00	25.53 0.37 0.00	23.66 0.42 0.00	22.12 0.46 0.00	30.20 0.72 0.00	39.76 1.12 0.00	42.55 1.14 0.00	43.76 1.21 0.00	42.80 1.26 0.00	39.20 1.39 -0.50	45.59 0.48 -0.16	40.42 0.92 -0.05	42.05 0.57 0.00	36.78 1.00 0.00	33.52 1.06 0.00	42.20 0.82 0.00	56.37 1.31 0.00	43.49 0.89 0.00	40.21 0.84 0.00	44.95 -0.14 0.00	45.46 -0.33 0.47	38.99 -0.21 0.82	35.21 0.11 0.00
HOLTSVILLE_IC_9 23698	20.85 0.66 0.00	22.08 0.51 0.00	25.53 0.37 0.00	23.66 0.42 0.00	22.12 0.46 0.00	30.20 0.72 0.00	39.76 1.12 0.00	42.55 1.14 0.00	43.76 1.21 0.00	42.80 1.26 0.00	39.20 1.39 -0.50	45.59 0.48 -0.16	40.42 0.92 -0.05	42.05 0.57 0.00	36.78 1.00 0.00	33.52 1.06 0.00	42.20 0.82 0.00	56.37 1.31 0.00	43.49 0.89 0.00	40.21 0.84 0.00	44.95 -0.14 0.00	45.46 -0.33 0.47	38.99 -0.21 0.82	35.21 0.11 0.00
HOMER_HL_115KV_TB2 355744	19.77 -0.43 0.00	21.39 -0.18 0.00	24.90 -0.25 0.00	22.89 -0.35 0.00	21.47 -0.18 0.00	29.56 0.03 -0.04	39.09 0.45 0.00	43.24 0.30 -1.52	45.50 1.17 -1.78	44.90 1.64 -1.72	40.30 1.50 -1.51	53.98 2.50 -6.53	50.45 1.87 -9.13	47.53 1.67 -4.38	39.15 1.41 -1.97	35.31 0.85 -1.99	44.06 0.78 -1.90	57.85 0.19 -2.60	44.77 -0.13 -2.30	42.69 -0.76 -4.07	48.03 -0.71 -3.66	53.90 0.22 -7.42	44.05 0.64 -3.40	36.82 0.55 -1.17
HOWARD_WT_PWR 323690	19.05 -1.15 0.00	20.61 -0.96 0.00	23.83 -1.33 0.00	22.02 -1.22 0.00	20.85 -0.80 0.00	28.83 -0.71 -0.05	38.09 -0.55 0.00	42.42 -0.85 -1.85	43.92 -0.88 -2.25	43.37 -0.33 -2.16	39.49 0.30 -1.89	53.52 0.77 -7.79	50.99 0.07 -11.47	46.93 -0.04 -5.50	38.74 0.50 -2.47	35.24 0.29 -2.48	44.07 0.33 -2.37	58.59 0.29 -3.24	46.14 0.67 -2.87	44.80 0.34 -5.08	49.79 0.13 -4.57	56.19 0.67 -9.26	44.91 0.65 -4.24	36.64 0.08 -1.46
HQ_GEN_CEDARS 23644	20.32 0.11 0.00	21.72 0.15 0.00	25.42 0.26 0.00	23.49 0.25 0.00	21.90 0.24 0.00	29.76 0.27 0.00	38.91 0.27 0.00	41.80 0.38 0.00	42.96 0.41 0.00	303.88 0.77 -261.57	455.95 0.55 -418.10	1845.74 0.89 -1799.89	40.11 0.66 0.00	42.41 0.93 0.00	36.25 0.47 0.00	32.86 0.40 0.00	41.80 0.43 0.00	55.45 0.39 0.00	43.18 0.58 0.00	40.08 0.71 0.00	46.31 1.23 0.00	47.42 1.16 0.00	41.08 1.06 0.00	36.08 0.97 0.00
HQ_GEN_CEDARS_PROXY 323590	19.69 0.11 0.63	21.73 0.15 0.00	25.42 0.26 0.00	23.49 0.25 0.00	21.90 0.25 0.00	29.76 0.27 0.00	38.91 0.27 0.00	41.80 0.38 0.00	42.96 0.41 0.00	303.88 0.77 -261.57	455.95 0.55 -418.10	1845.74 0.90 -1799.89	40.11 0.66 0.00	42.41 0.93 0.00	36.24 0.47 0.00	32.86 0.40 0.00	41.80 0.43 0.00	55.45 0.39 0.00	43.18 0.58 0.00	37.32 0.71 2.76	46.31 1.23 0.00	47.42 1.16 0.00	41.08 1.06 0.00	36.08 0.97 0.00

HQ_GEN_IMPORT 323601	20.25 0.05 0.00	21.63 0.06 0.00	25.25 0.10 0.00	23.33 0.09 0.00	21.76 0.10 0.00	29.57 0.08 0.00	38.56 -0.09 0.00	41.32 -0.10 0.00	41.42 -0.07 1.05	31.78 0.04 9.79	21.66 0.00 15.65	-22.35 0.05 67.35	39.47 0.02 0.00	41.62 0.14 0.00	35.80 0.03 0.00	32.47 0.00 0.00	41.40 0.03 0.00	54.95 -0.11 0.00	42.68 0.08 0.00	39.52 0.15 0.00	45.62 0.54 0.00	46.78 0.52 0.00	40.47 0.45 0.00	35.51 0.40 0.00
HQ_GEN_WHEEL 23651	20.25 0.05 0.00	21.63 0.06 0.00	25.25 0.10 0.00	23.33 0.09 0.00	21.76 0.10 0.00	29.57 0.08 0.00	38.56 -0.09 0.00	41.32 -0.10 0.00	41.42 -0.07 1.05	31.78 0.04 9.79	21.66 0.00 15.65	-22.35 0.05 67.35	39.47 0.02 0.00	41.62 0.14 0.00	35.80 0.03 0.00	32.47 0.00 0.00	41.40 0.03 0.00	54.95 -0.11 0.00	42.68 0.08 0.00	39.52 0.15 0.00	45.62 0.54 0.00	46.78 0.52 0.00	40.47 0.45 0.00	35.51 0.40 0.00
HUDSON AVE_GT_3 23810	21.12 0.92 0.00	22.43 0.86 0.00	26.02 0.87 0.00	24.04 0.80 0.00	22.43 0.77 0.00	30.57 1.09 0.00	40.35 1.70 0.00	43.30 1.88 0.00	44.48 1.93 0.00	43.50 1.96 0.00	39.67 1.86 -0.51	47.08 1.97 -0.16	41.23 1.73 -0.05	43.17 1.70 0.00	37.49 1.72 0.00	34.18 1.71 0.00	43.37 2.00 0.00	57.72 2.67 0.00	44.34 1.75 0.00	40.91 1.54 0.00	46.09 1.01 0.00	47.23 0.97 0.00	41.03 1.02 0.00	36.11 1.01 0.00
HUDSON AVE_GT_4 23540	21.12 0.92 0.00	22.43 0.86 0.00	26.02 0.87 0.00	24.04 0.80 0.00	22.43 0.77 0.00	30.57 1.09 0.00	40.35 1.70 0.00	43.30 1.88 0.00	44.48 1.93 0.00	43.50 1.96 0.00	39.67 1.86 -0.51	47.08 1.97 -0.16	41.23 1.73 -0.05	43.17 1.70 0.00	37.49 1.72 0.00	34.18 1.71 0.00	43.37 2.00 0.00	57.72 2.67 0.00	44.34 1.75 0.00	40.91 1.54 0.00	46.09 1.01 0.00	47.23 0.97 0.00	41.03 1.02 0.00	36.11 1.01 0.00
HUDSON AVE_GT_5 23657	21.12 0.92 0.00	22.43 0.86 0.00	26.02 0.87 0.00	24.04 0.80 0.00	22.43 0.77 0.00	30.57 1.09 0.00	40.35 1.70 0.00	43.30 1.88 0.00	44.48 1.93 0.00	43.50 1.96 0.00	39.67 1.86 -0.51	47.08 1.97 -0.16	41.23 1.73 -0.05	43.17 1.70 0.00	37.49 1.72 0.00	34.18 1.71 0.00	43.37 2.00 0.00	57.72 2.67 0.00	44.34 1.75 0.00	40.91 1.54 0.00	46.09 1.01 0.00	47.23 0.97 0.00	41.03 1.02 0.00	36.11 1.01 0.00
HUDSON_AVE_10 24168	21.00 0.80 0.00	22.31 0.74 0.00	25.88 0.74 0.01	23.90 0.67 0.01	22.31 0.66 0.01	30.41 0.93 0.01	40.15 1.51 0.00	43.07 1.65 0.00	44.24 1.69 0.00	43.24 1.71 0.00	39.42 1.61 -0.51	46.80 1.69 -0.16	40.98 1.48 -0.05	42.93 1.45 0.00	37.28 1.51 0.00	33.98 1.52 0.00	43.13 1.76 0.00	57.42 2.36 0.00	44.11 1.51 0.00	40.69 1.32 0.00	45.86 0.77 0.00	46.97 0.71 0.00	40.85 0.84 0.00	35.99 0.89 0.00
HUDSON___115KV_TB 4 355613	20.72 0.52 0.00	22.08 0.50 0.00	25.69 0.53 0.00	23.76 0.52 0.00	22.14 0.48 0.00	30.11 0.62 0.00	39.59 0.94 0.00	42.51 1.09 0.00	44.00 1.45 0.00	42.14 0.61 0.00	37.50 0.32 0.12	45.07 0.15 0.04	39.49 0.06 0.01	41.29 -0.18 0.00	35.62 -0.16 0.00	32.59 0.13 0.00	41.64 0.26 0.00	55.73 0.67 0.00	43.28 0.69 0.00	40.20 0.82 0.00	45.69 0.61 0.00	46.72 0.46 0.00	40.33 0.32 0.00	35.37 0.27 0.00
HUNTER MOUNT___DRP 323613	20.77 0.57 0.00	22.14 0.56 0.00	25.76 0.61 0.00	23.83 0.59 0.00	22.21 0.55 0.00	30.21 0.72 0.00	39.74 1.09 0.00	42.68 1.26 0.00	43.94 1.39 0.00	42.11 0.57 0.00	37.59 0.29 0.00	45.04 0.09 0.00	39.44 -0.01 0.00	41.29 -0.19 0.00	35.62 -0.15 0.00	32.65 0.18 0.00	41.73 0.35 0.00	55.89 0.83 0.00	43.42 0.82 0.00	40.35 0.98 0.00	45.90 0.81 0.00	46.89 0.63 0.00	40.46 0.44 0.00	35.45 0.35 0.00
HUNTINGTON_RES_REC 323705	20.85 0.66 0.00	22.10 0.53 0.00	25.57 0.41 0.00	23.67 0.44 0.00	22.11 0.46 0.00	30.21 0.72 0.00	39.72 1.08 0.00	42.42 1.00 0.00	43.65 1.10 0.00	42.77 1.23 0.00	39.22 1.41 -0.50	45.61 0.50 -0.16	40.50 1.00 -0.05	42.17 0.69 0.00	36.82 1.04 0.00	33.53 1.07 0.00	42.13 0.75 0.00	56.25 1.19 0.00	43.39 0.79 0.00	40.11 0.73 0.00	44.89 -0.19 0.00	45.42 -0.38 0.47	38.94 -0.26 0.81	35.23 0.13 0.00
HUNTLEY___63 23557	19.71 -0.49 0.00	21.41 -0.16 0.00	24.94 -0.22 0.00	22.96 -0.28 0.00	21.45 -0.20 0.00	29.51 -0.01 -0.04	38.88 0.23 0.00	42.85 0.03 -1.39	45.20 0.94 -1.70	45.06 1.88 -1.65	40.65 1.91 -1.44	54.28 2.95 -6.37	50.60 2.42 -8.74	48.09 2.42 -4.19	39.59 1.94 -1.89	35.63 1.26 -1.90	44.37 1.18 -1.82	57.78 0.23 -2.49	44.88 0.08 -2.21	42.81 -0.46 -3.90	48.37 -0.22 -3.51	53.83 0.46 -7.10	44.13 0.86 -3.26	37.11 0.89 -1.12
HUNTLEY___64 23558	19.71 -0.49 0.00	21.41 -0.16 0.00	24.94 -0.22 0.00	22.96 -0.28 0.00	21.45 -0.20 0.00	29.51 -0.01 -0.04	38.88 0.23 0.00	42.85 0.03 -1.39	45.20 0.94 -1.70	45.06 1.88 -1.65	40.65 1.91 -1.44	54.28 2.95 -6.37	50.60 2.42 -8.74	48.09 2.42 -4.19	39.59 1.94 -1.89	35.63 1.26 -1.90	44.37 1.18 -1.82	57.78 0.23 -2.49	44.88 0.08 -2.21	42.81 -0.46 -3.90	48.37 -0.22 -3.51	53.83 0.46 -7.10	44.13 0.86 -3.26	37.11 0.89 -1.12
HUNTLEY___65 23559	19.71 -0.49 0.00	21.41 -0.16 0.00	24.94 -0.22 0.00	22.96 -0.28 0.00	21.45 -0.20 0.00	29.51 -0.01 -0.04	38.88 0.23 0.00	42.85 0.03 -1.39	45.20 0.94 -1.70	45.06 1.88 -1.65	40.65 1.91 -1.44	54.28 2.95 -6.37	50.60 2.42 -8.74	48.09 2.42 -4.19	39.59 1.94 -1.89	35.63 1.26 -1.90	44.37 1.18 -1.82	57.78 0.23 -2.49	44.88 0.08 -2.21	42.81 -0.46 -3.90	48.37 -0.22 -3.51	53.83 0.46 -7.10	44.13 0.86 -3.26	37.11 0.89 -1.12
HUNTLEY___66 23560	19.71 -0.49 0.00	21.41 -0.16 0.00	24.94 -0.22 0.00	22.96 -0.28 0.00	21.45 -0.20 0.00	29.51 -0.01 -0.04	38.88 0.23 0.00	42.85 0.03 -1.39	45.20 0.94 -1.70	45.06 1.88 -1.65	40.65 1.91 -1.44	54.28 2.95 -6.37	50.60 2.42 -8.74	48.09 2.42 -4.19	39.59 1.94 -1.89	35.63 1.26 -1.90	44.37 1.18 -1.82	57.78 0.23 -2.49	44.88 0.08 -2.21	42.81 -0.46 -3.90	48.37 -0.22 -3.51	53.83 0.46 -7.10	44.13 0.86 -3.26	37.11 0.89 -1.12
HUNTLEY___67 23561	19.56 -0.64 0.00	21.24 -0.33 0.00	24.75 -0.40 0.00	22.79 -0.45 0.00	21.31 -0.35 0.00	29.29 -0.23 -0.04	38.59 -0.06 0.00	42.50 -0.31 -1.39	44.79 0.54 -1.70	44.62 1.44 -1.64	40.26 1.52 -1.44	53.86 2.61 -6.30	50.34 2.17 -8.71	47.74 2.09 -4.18	39.25 1.60 -1.88	35.37 0.99 -1.91	44.07 0.87 -1.83	57.47 -0.09 -2.50	44.63 -0.18 -2.21	42.59 -0.69 -3.91	48.11 -0.50 -3.52	53.62 0.23 -7.13	43.86 0.57 -3.27	36.80 0.57 -1.12
HUNTLEY___68 23562	19.56 -0.64 0.00	21.24 -0.33 0.00	24.75 -0.40 0.00	22.79 -0.45 0.00	21.31 -0.35 0.00	29.29 -0.23 -0.04	38.59 -0.06 0.00	42.50 -0.31 -1.39	44.79 0.54 -1.70	44.62 1.44 -1.64	40.26 1.52 -1.44	53.86 2.61 -6.30	50.34 2.17 -8.71	47.74 2.09 -4.18	39.25 1.60 -1.88	35.37 0.99 -1.91	44.07 0.87 -1.83	57.47 -0.09 -2.50	44.63 -0.18 -2.21	42.59 -0.69 -3.91	48.11 -0.50 -3.52	53.62 0.23 -7.13	43.86 0.57 -3.27	36.80 0.57 -1.12

HYLAND___LFGE 323620	20.53 0.33 0.00	22.11 0.54 0.00	25.71 0.55 0.00	23.71 0.47 0.00	22.24 0.58 0.00	30.67 1.14 -0.05	40.71 2.07 0.00	45.22 2.21 -1.59	47.06 2.56 -1.95	46.30 2.88 -1.89	41.48 2.53 -1.65	54.52 2.84 -6.73	51.50 2.04 -10.01	48.44 2.17 -4.80	40.28 2.35 -2.16	36.45 1.82 -2.17	45.20 1.76 -2.07	60.46 2.57 -2.83	48.14 3.03 -2.51	46.65 2.84 -4.44	52.21 3.13 -3.99	57.91 3.56 -8.09	46.77 3.05 -3.71	38.73 2.36 -1.27
INDECK___CORINTH 23802	21.49 1.29 0.00	22.90 1.33 0.00	26.65 1.50 0.00	24.61 1.38 0.00	22.94 1.29 0.00	31.22 1.74 0.00	41.17 2.52 0.00	44.11 2.69 0.00	44.88 2.33 0.00	43.30 1.77 0.00	38.08 1.26 0.49	46.14 1.34 0.15	40.32 0.92 0.05	42.15 0.67 0.00	36.22 0.44 0.00	32.95 0.49 0.00	42.10 0.73 0.00	56.71 1.65 0.00	43.88 1.28 0.00	40.69 1.32 0.00	46.33 1.25 0.00	47.37 1.12 0.00	40.74 0.73 0.00	35.79 0.68 0.00
INDECK___ILION 23567	20.40 0.20 0.00	21.76 0.19 0.00	25.33 0.18 0.00	23.41 0.17 0.00	21.82 0.16 0.00	29.62 0.14 0.00	38.80 0.16 0.00	41.59 0.17 0.00	42.70 0.14 0.00	46.07 0.09 -4.44	44.49 0.09 -7.10	75.59 0.07 -30.56	39.53 0.08 0.00	41.54 0.06 0.00	35.89 0.12 0.00	32.59 0.13 0.00	41.56 0.18 0.00	55.40 0.35 0.00	42.81 0.21 0.00	39.56 0.19 0.00	45.15 0.07 0.00	46.31 0.05 0.00	40.03 0.02 0.00	35.11 0.01 0.00
INDECK___OLEAN 23982	19.77 -0.43 0.00	21.39 -0.18 0.00	24.90 -0.25 0.00	22.89 -0.35 0.00	21.50 -0.15 0.00	29.56 0.03 -0.04	39.10 0.45 0.00	43.23 0.29 -1.52	45.50 1.17 -1.78	44.91 1.66 -1.72	40.31 1.50 -1.51	53.98 2.50 -6.53	50.44 1.86 -9.13	47.53 1.68 -4.38	39.16 1.42 -1.97	35.30 0.84 -1.99	44.05 0.78 -1.90	57.87 0.20 -2.60	44.76 -0.14 -2.30	42.68 -0.77 -4.07	48.03 -0.72 -3.66	53.89 0.20 -7.42	44.05 0.64 -3.40	36.82 0.54 -1.17
INDECK___OSWEGO 23783	19.70 -0.50 0.00	21.07 -0.50 0.00	24.55 -0.61 0.00	22.67 -0.57 0.00	21.14 -0.52 0.00	29.02 -0.65 -0.19	37.97 -0.67 0.00	47.96 -0.66 -7.20	50.29 -0.65 -8.39	56.25 -0.70 -15.41	55.56 -0.57 -18.83	123.52 -0.59 -79.16	81.58 -0.44 -42.57	61.37 -0.51 -20.40	44.47 -0.47 -9.16	41.11 -0.60 -9.25	49.32 -0.88 -8.83	66.28 -0.86 -12.09	52.71 -0.59 -10.69	57.54 -0.77 -18.93	60.89 -1.22 -17.02	79.60 -1.16 -34.50	54.81 -1.02 -15.81	39.57 -0.97 -5.43
INDECK___YERKES 23781	19.72 -0.48 0.00	21.43 -0.14 0.00	24.95 -0.20 0.00	22.98 -0.26 0.00	21.51 -0.15 0.00	29.54 0.02 -0.04	38.92 0.27 0.00	42.88 0.07 -1.39	45.24 0.98 -1.70	45.12 1.93 -1.65	40.68 1.94 -1.44	54.30 2.97 -6.37	50.60 2.42 -8.74	48.13 2.46 -4.19	39.64 1.98 -1.89	35.66 1.30 -1.90	44.42 1.23 -1.82	57.85 0.30 -2.49	44.92 0.11 -2.21	42.84 -0.43 -3.90	48.40 -0.19 -3.51	53.88 0.51 -7.10	44.16 0.89 -3.26	37.14 0.92 -1.12
INDIAN POINT_GT_1 24139	20.92 0.72 0.00	22.22 0.65 0.00	25.81 0.65 0.00	23.83 0.59 0.00	22.22 0.56 0.00	30.28 0.79 0.00	39.93 1.28 0.00	42.80 1.38 0.00	43.96 1.40 0.00	42.90 1.37 0.00	39.09 1.29 -0.50	46.44 1.33 -0.15	40.67 1.17 -0.05	42.61 1.13 0.00	36.97 1.20 0.00	33.68 1.21 0.00	42.78 1.42 0.00	56.99 1.93 0.00	43.85 1.25 0.00	40.46 1.09 0.00	45.65 0.57 0.00	46.79 0.53 0.00	40.60 0.59 0.00	35.73 0.63 0.00
INDIAN POINT_GT_2 23659	20.92 0.72 0.00	22.22 0.65 0.00	25.81 0.65 0.00	23.83 0.59 0.00	22.22 0.56 0.00	30.28 0.79 0.00	39.93 1.28 0.00	42.80 1.38 0.00	43.96 1.40 0.00	42.90 1.37 0.00	39.09 1.29 -0.50	46.44 1.33 -0.15	40.67 1.17 -0.05	42.61 1.13 0.00	36.97 1.20 0.00	33.68 1.21 0.00	42.78 1.42 0.00	56.99 1.93 0.00	43.85 1.25 0.00	40.46 1.09 0.00	45.65 0.57 0.00	46.79 0.53 0.00	40.60 0.59 0.00	35.73 0.63 0.00
INDIAN POINT_GT_3 24019	20.92 0.72 0.00	22.22 0.65 0.00	25.81 0.65 0.00	23.83 0.59 0.00	22.22 0.56 0.00	30.28 0.79 0.00	39.93 1.28 0.00	42.80 1.38 0.00	43.96 1.40 0.00	42.90 1.37 0.00	39.09 1.29 -0.50	46.44 1.33 -0.15	40.67 1.17 -0.05	42.61 1.13 0.00	36.97 1.20 0.00	33.68 1.21 0.00	42.78 1.42 0.00	56.99 1.93 0.00	43.85 1.25 0.00	40.46 1.09 0.00	45.65 0.57 0.00	46.79 0.53 0.00	40.60 0.59 0.00	35.73 0.63 0.00
INDIAN POINT___2 23530	20.91 0.71 0.00	22.21 0.64 0.00	25.79 0.64 0.00	23.81 0.57 0.00	22.19 0.54 0.00	30.25 0.77 0.00	39.88 1.23 0.00	42.75 1.33 0.00	43.91 1.36 0.00	42.86 1.33 0.00	39.04 1.25 -0.48	46.40 1.29 -0.15	40.63 1.13 -0.05	42.58 1.10 0.00	36.94 1.17 0.00	33.66 1.19 0.00	42.74 1.37 0.00	56.93 1.87 0.00	43.81 1.21 0.00	40.42 1.05 0.00	45.60 0.51 0.00	46.75 0.49 0.00	40.58 0.57 0.00	35.72 0.62 0.00
INDIAN POINT___3 23531	20.92 0.72 0.00	22.22 0.64 0.00	25.80 0.64 0.00	23.83 0.59 0.00	22.22 0.56 0.00	30.27 0.78 0.00	39.90 1.25 0.00	42.78 1.36 0.00	43.94 1.39 0.00	42.88 1.34 0.00	39.06 1.26 -0.50	46.40 1.29 -0.15	40.64 1.14 -0.05	42.59 1.11 0.00	36.94 1.17 0.00	33.66 1.20 0.00	42.75 1.37 0.00	56.96 1.90 0.00	43.81 1.21 0.00	40.44 1.07 0.00	45.62 0.54 0.00	46.76 0.50 0.00	40.59 0.58 0.00	35.71 0.61 0.00
INGHAM_C_115KV_TB7 356103	20.66 0.46 0.00	22.00 0.42 0.00	25.56 0.40 0.00	23.63 0.39 0.00	22.02 0.37 0.00	30.60 1.12 0.00	40.88 2.23 0.00	43.84 2.42 0.00	44.06 1.51 0.00	45.76 -0.21 -4.44	43.55 -0.84 -7.10	73.76 -1.76 -30.56	38.24 -1.17 0.03	39.67 -1.81 0.00	34.53 -1.24 0.00	32.11 -0.35 0.00	40.93 -0.44 0.00	55.92 0.87 0.00	43.57 0.97 0.00	40.40 1.03 0.00	45.67 0.58 0.00	46.76 0.50 0.00	40.10 0.09 0.00	35.21 0.11 0.00
IP CORINTH___1 23988	21.49 1.29 0.00	22.90 1.33 0.00	26.65 1.50 0.00	24.61 1.38 0.00	22.95 1.29 0.00	31.22 1.74 0.00	41.17 2.52 0.00	44.11 2.69 0.00	44.88 2.33 0.00	43.30 1.77 0.00	38.08 1.27 0.49	46.14 1.34 0.15	40.36 0.96 0.05	42.25 0.77 0.00	36.38 0.61 0.00	33.13 0.67 0.00	42.34 0.96 0.00	57.03 1.98 0.00	44.12 1.52 0.00	40.91 1.54 0.00	46.60 1.52 0.00	47.62 1.36 0.00	40.97 0.95 0.00	35.98 0.87 0.00
IP___TICONDEROGA 23804	22.62 2.42 0.00	24.05 2.48 0.00	27.92 2.76 0.00	25.80 2.56 0.00	24.08 2.43 0.00	32.88 3.39 0.00	43.39 4.75 0.00	46.16 4.75 0.00	46.26 3.71 0.00	44.61 3.08 0.00	39.25 2.45 0.50	47.30 2.50 0.15	41.62 2.23 0.05	43.70 2.22 0.00	38.12 2.35 0.00	34.78 2.31 0.00	44.47 3.09 0.00	60.24 5.18 0.00	46.81 4.21 0.00	43.66 4.29 0.00	49.87 4.79 0.00	50.20 3.94 0.00	42.89 2.88 0.00	37.68 2.58 0.00
ISLIP_RES_REC 323679	20.91 0.71 0.00	22.14 0.57 0.00	25.59 0.44 0.00	23.71 0.48 0.00	22.18 0.52 0.00	30.29 0.80 0.00	39.90 1.25 0.00	42.72 1.30 0.00	43.92 1.37 0.00	42.95 1.41 0.00	39.32 1.52 -0.50	45.75 0.64 -0.16	40.57 1.07 -0.05	42.22 0.74 0.00	36.93 1.16 0.00	33.68 1.22 0.00	42.41 1.04 0.00	56.68 1.62 0.00	43.73 1.13 0.00	40.42 1.05 0.00	45.17 0.08 0.00	45.69 -0.10 0.46	39.16 -0.04 0.81	35.34 0.24 0.00

JAMAICA__27_KV_LOAD 355505	21.05 0.85 0.00	22.35 0.78 0.00	25.91 0.76 0.01	23.93 0.70 0.01	22.33 0.68 0.01	30.44 0.96 0.01	40.27 1.62 0.00	43.20 1.78 0.00	44.37 1.82 0.00	43.34 1.81 0.00	39.48 1.67 -0.51	46.92 1.80 -0.16	41.05 1.55 -0.05	43.01 1.53 0.00	37.34 1.56 0.00	34.03 1.56 0.00	43.22 1.85 0.00	57.54 2.48 0.00	44.20 1.60 0.00	40.78 1.41 0.00	45.95 0.86 0.00	47.09 0.83 0.00	41.02 1.01 0.00	36.24 1.13 0.00
JANIS__SOLAR 323808	20.47 0.27 0.00	21.93 0.36 0.00	25.58 0.42 0.00	23.54 0.31 0.00	22.02 0.37 0.00	30.35 0.80 -0.06	40.27 1.62 0.00	45.29 1.76 -2.11	46.67 1.66 -2.46	45.28 1.39 -2.35	40.47 1.11 -2.06	54.48 1.24 -8.29	53.15 1.24 -12.46	48.33 0.88 -5.97	39.20 0.74 -2.68	35.76 0.59 -2.70	45.11 1.15 -2.58	60.33 1.74 -3.53	47.69 1.96 -3.13	46.72 1.81 -5.54	51.95 1.89 -4.98	58.31 1.96 -10.09	46.21 1.58 -4.62	37.85 1.16 -1.59
JARVIS____ 23743	20.21 0.01 0.00	21.58 0.01 0.00	25.17 0.02 0.00	23.25 0.01 0.00	21.66 0.00 0.00	29.51 0.02 0.00	38.74 0.09 0.00	41.51 0.09 0.00	42.64 0.08 0.00	45.99 0.01 -4.44	44.41 0.01 -7.10	75.49 -0.02 -30.56	39.44 -0.01 0.00	41.44 -0.04 0.00	35.79 0.02 0.00	32.50 0.03 0.00	41.42 0.05 0.00	55.19 0.14 0.00	42.65 0.05 0.00	39.41 0.04 0.00	44.99 -0.09 0.00	46.17 -0.09 0.00	39.92 -0.10 0.00	35.02 -0.09 0.00
JENNISON____1 23625	20.26 0.06 0.00	21.78 0.20 0.00	25.50 0.35 0.00	23.38 0.14 0.00	21.84 0.18 0.00	30.26 0.73 -0.04	40.09 1.45 0.00	44.57 1.57 -1.58	45.99 1.59 -1.85	44.88 1.58 -1.77	40.25 1.40 -1.55	52.83 1.57 -6.30	50.24 1.41 -9.39	47.29 1.32 -4.50	38.78 0.99 -2.02	35.31 0.81 -2.04	44.51 1.19 -1.94	59.45 1.74 -2.66	46.74 1.78 -2.36	45.03 1.49 -4.17	50.50 1.67 -3.75	55.59 1.73 -7.60	44.82 1.32 -3.48	37.11 0.81 -1.20
JENNISON____2 23626	20.26 0.06 0.00	21.78 0.20 0.00	25.50 0.35 0.00	23.38 0.14 0.00	21.84 0.18 0.00	30.26 0.73 -0.04	40.09 1.45 0.00	44.57 1.57 -1.58	45.99 1.59 -1.85	44.88 1.58 -1.77	40.25 1.40 -1.55	52.83 1.57 -6.30	50.24 1.41 -9.39	47.29 1.32 -4.50	38.78 0.99 -2.02	35.31 0.81 -2.04	44.51 1.19 -1.94	59.45 1.74 -2.66	46.74 1.78 -2.36	45.03 1.49 -4.17	50.50 1.67 -3.75	55.59 1.73 -7.60	44.82 1.32 -3.48	37.11 0.81 -1.20
JERICOHO_RISE_WT_PWR 323719	20.04 -0.16 0.00	21.16 -0.41 0.00	24.81 -0.34 0.00	22.96 -0.28 0.00	21.60 -0.06 0.00	29.49 0.00 0.00	38.87 0.22 0.00	41.83 0.41 0.00	43.16 0.60 0.00	70.72 1.01 -28.17	83.10 0.78 -45.02	239.99 1.23 -193.81	40.41 0.96 0.00	42.68 1.20 0.00	36.81 1.04 0.00	33.42 0.96 0.00	42.72 1.34 0.00	56.50 1.44 0.00	43.97 1.37 0.00	40.84 1.47 0.00	47.22 2.14 0.00	48.29 2.02 0.00	41.72 1.71 0.00	36.55 1.45 0.00
KATONAH__115KV_46KV_TB4 355592	21.00 0.80 0.00	22.32 0.75 0.00	25.92 0.76 0.00	23.94 0.70 0.00	22.32 0.66 0.00	30.42 0.93 0.00	40.13 1.48 0.00	43.06 1.64 0.00	44.21 1.66 0.00	43.14 1.60 0.00	39.32 1.50 -0.52	46.69 1.57 -0.16	40.89 1.38 -0.06	42.83 1.36 0.00	37.14 1.36 0.00	33.83 1.37 0.00	42.99 1.62 0.00	57.30 2.24 0.00	44.08 1.48 0.00	40.72 1.35 0.00	45.95 0.86 0.00	47.05 0.79 0.00	40.79 0.77 0.00	35.86 0.75 0.00
KCE_NY_1 323755	21.15 0.95 0.00	22.55 0.99 0.00	26.31 1.16 0.00	24.28 1.05 0.00	22.61 0.96 0.00	30.82 1.33 0.00	40.53 1.89 0.00	43.48 2.06 0.00	44.37 1.82 0.00	42.86 1.32 0.00	37.74 0.95 0.52	45.81 1.01 0.16	40.23 0.83 0.06	42.22 0.74 0.00	36.52 0.75 0.00	33.33 0.86 0.00	42.59 1.22 0.00	57.15 2.09 0.00	44.27 1.67 0.00	40.91 1.53 0.00	46.51 1.43 0.00	47.63 1.37 0.00	41.01 0.99 0.00	36.02 0.92 0.00
KCE_NY_6_ESR 323823	19.67 -0.53 0.00	21.35 -0.22 0.00	24.86 -0.29 0.00	22.88 -0.35 0.00	21.44 -0.21 0.00	29.48 -0.05 -0.04	38.86 0.21 0.00	42.81 -0.04 -1.43	45.07 0.78 -1.74	44.88 1.67 -1.68	40.52 1.75 -1.47	54.29 2.91 -6.42	50.79 2.44 -8.90	48.09 2.35 -4.27	39.58 1.89 -1.92	35.67 1.26 -1.94	44.56 1.34 -1.86	58.29 0.69 -2.54	45.29 0.45 -2.25	43.18 -0.17 -3.97	48.79 0.13 -3.57	54.31 0.81 -7.24	44.35 1.01 -3.32	37.13 0.89 -1.14
KEDC_PORT_JEFF_GT2 24210	20.83 0.64 0.00	22.07 0.50 0.00	25.52 0.36 0.00	23.64 0.40 0.00	22.10 0.44 0.00	30.17 0.69 0.00	39.72 1.08 0.00	42.51 1.09 0.00	43.70 1.15 0.00	42.75 1.22 0.00	39.16 1.35 -0.50	45.55 0.44 -0.16	40.40 0.89 -0.05	42.02 0.54 0.00	36.75 0.97 0.00	33.49 1.03 0.00	42.13 0.76 0.00	56.28 1.23 0.00	43.43 0.83 0.00	40.15 0.77 0.00	44.88 -0.20 0.00	45.41 -0.38 0.47	38.93 -0.26 0.82	35.17 0.07 0.00
KEDC_PORT_JEFF_GT3 24211	20.83 0.64 0.00	22.07 0.50 0.00	25.52 0.36 0.00	23.64 0.40 0.00	22.10 0.44 0.00	30.17 0.69 0.00	39.72 1.08 0.00	42.51 1.09 0.00	43.70 1.15 0.00	42.75 1.22 0.00	39.16 1.35 -0.50	45.55 0.44 -0.16	40.40 0.89 -0.05	42.02 0.54 0.00	36.75 0.97 0.00	33.49 1.03 0.00	42.13 0.76 0.00	56.28 1.23 0.00	43.43 0.83 0.00	40.15 0.77 0.00	44.88 -0.20 0.00	45.41 -0.38 0.47	38.93 -0.26 0.82	35.17 0.07 0.00
KEDC_GLWD_GT4 24219	21.05 0.85 0.00	22.34 0.77 0.00	25.90 0.75 0.00	23.94 0.70 0.00	22.34 0.68 0.00	30.47 0.99 0.00	40.15 1.50 0.00	43.02 1.60 0.00	44.25 1.71 0.00	43.28 1.74 0.00	39.57 1.76 -0.51	46.69 1.58 -0.16	41.10 1.60 -0.05	42.92 1.44 0.00	37.34 1.56 0.00	33.98 1.51 0.00	43.01 1.64 0.00	56.98 1.93 0.00	43.84 1.24 0.00	40.49 1.12 0.00	45.54 0.46 0.00	46.69 0.61 0.17	40.37 0.65 0.29	35.86 0.76 0.00
KEDC_GLWD_GT5 24220	21.05 0.85 0.00	22.34 0.77 0.00	25.90 0.75 0.00	23.94 0.70 0.00	22.34 0.68 0.00	30.47 0.99 0.00	40.15 1.50 0.00	43.02 1.60 0.00	44.25 1.71 0.00	43.28 1.74 0.00	39.57 1.76 -0.51	46.69 1.58 -0.16	41.10 1.60 -0.05	42.92 1.44 0.00	37.34 1.56 0.00	33.98 1.51 0.00	43.01 1.64 0.00	56.98 1.93 0.00	43.84 1.24 0.00	40.49 1.12 0.00	45.54 0.46 0.00	46.69 0.61 0.17	40.37 0.65 0.29	35.86 0.76 0.00
KENSICO____ 23655	20.97 0.77 0.00	22.28 0.71 0.00	25.87 0.72 0.00	23.89 0.66 0.00	22.28 0.62 0.00	30.36 0.87 0.00	40.05 1.40 0.00	42.94 1.52 0.00	44.10 1.55 0.00	43.04 1.51 0.00	39.23 1.43 -0.51	46.59 1.48 -0.16	40.82 1.31 -0.05	42.75 1.28 0.00	37.10 1.33 0.00	33.80 1.34 0.00	42.91 1.54 0.00	57.17 2.11 0.00	43.97 1.37 0.00	40.58 1.21 0.00	45.78 0.69 0.00	46.91 0.65 0.00	40.71 0.69 0.00	35.81 0.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.91 0.71 0.00	22.24 0.67 0.00	25.85 0.69 0.00	23.86 0.62 0.00	22.23 0.58 0.00	30.33 0.84 0.00	40.05 1.40 0.00	42.99 1.57 0.00	44.15 1.60 0.00	43.09 1.56 0.00	39.07 1.42 -0.35	46.53 1.46 -0.11	40.72 1.23 -0.04	42.63 1.15 0.00	36.85 1.08 0.00	33.53 1.06 0.00	42.72 1.35 0.00	57.08 2.03 0.00	44.06 1.46 0.00	40.74 1.37 0.00	46.05 0.96 0.00	47.16 0.90 0.00	40.85 0.83 0.00	35.85 0.74 0.00

KIAC_JFK_GT1 23816	20.94 0.74 0.00	22.24 0.67 0.00	25.78 0.64 0.01	23.81 0.58 0.01	22.22 0.57 0.01	30.29 0.81 0.01	40.00 1.35 0.00	42.80 1.38 0.00	43.95 1.40 0.00	42.94 1.41 0.00	39.17 1.36 -0.51	46.53 1.42 -0.16	40.71 1.20 -0.05	42.64 1.16 0.00	36.98 1.21 0.00	33.71 1.25 0.00	42.82 1.45 0.00	56.99 1.93 0.00	43.78 1.18 0.00	40.39 1.01 0.00	45.50 0.42 0.00	46.63 0.37 0.00	40.64 0.63 0.00	36.03 0.93 0.00
KIAC_JFK_GT2 23817	20.94 0.74 0.00	22.24 0.67 0.00	25.78 0.64 0.01	23.81 0.58 0.01	22.22 0.57 0.01	30.29 0.81 0.01	40.00 1.35 0.00	42.80 1.38 0.00	43.95 1.40 0.00	42.94 1.41 0.00	39.17 1.36 -0.51	46.53 1.42 -0.16	40.71 1.20 -0.05	42.64 1.16 0.00	36.98 1.21 0.00	33.71 1.25 0.00	42.82 1.45 0.00	56.99 1.93 0.00	43.78 1.18 0.00	40.39 1.01 0.00	45.50 0.42 0.00	46.63 0.37 0.00	40.64 0.63 0.00	36.03 0.93 0.00
KIAC_JFK____ 323774	20.94 0.74 0.00	22.24 0.67 0.00	25.78 0.64 0.01	23.81 0.58 0.01	22.21 0.57 0.01	30.29 0.81 0.01	39.98 1.34 0.00	42.79 1.37 0.00	43.94 1.39 0.00	42.93 1.40 0.00	39.16 1.36 -0.51	46.51 1.40 -0.16	40.70 1.20 -0.05	42.63 1.15 0.00	36.97 1.19 0.00	33.70 1.24 0.00	42.79 1.41 0.00	56.97 1.92 0.00	43.78 1.18 0.00	40.39 1.02 0.00	45.50 0.42 0.00	46.63 0.36 0.00	40.63 0.62 0.00	36.02 0.92 0.00
KINTIGH__24_KV_GSU 356498	19.70 -0.50 0.00	21.35 -0.22 0.00	24.89 -0.26 0.00	22.93 -0.31 0.00	21.45 -0.21 0.00	29.40 -0.12 -0.04	38.74 0.09 0.00	42.62 -0.10 -1.30	44.80 0.64 -1.60	44.56 1.47 -1.55	40.15 1.49 -1.36	53.39 2.48 -5.95	49.75 2.06 -8.24	47.44 2.02 -3.95	39.08 1.53 -1.78	35.18 0.92 -1.80	43.87 0.78 -1.71	57.33 -0.07 -2.35	44.51 -0.17 -2.08	42.42 -0.63 -3.67	47.89 -0.50 -3.31	53.15 0.19 -6.70	43.61 0.53 -3.07	36.67 0.52 -1.05
KINTIGH____ 23543	19.69 -0.51 0.00	21.35 -0.22 0.00	24.88 -0.27 0.00	22.92 -0.32 0.00	21.40 -0.25 0.00	29.38 -0.15 -0.04	38.71 0.06 0.00	42.60 -0.12 -1.30	44.77 0.61 -1.60	44.52 1.42 -1.55	40.12 1.46 -1.36	53.37 2.46 -5.95	49.75 2.05 -8.24	47.41 1.98 -3.95	39.04 1.49 -1.78	35.16 0.90 -1.80	43.83 0.75 -1.71	57.30 -0.10 -2.35	44.48 -0.19 -2.08	42.40 -0.64 -3.67	47.88 -0.51 -3.31	53.13 0.17 -6.70	43.59 0.51 -3.07	36.65 0.50 -1.05
KNTFSRNC_46_KV_46KV_LOAD 80397	20.27 0.06 0.00	21.29 -0.28 0.00	24.97 -0.18 0.00	23.11 -0.13 0.00	21.79 0.14 0.00	29.85 0.36 0.00	39.62 0.98 0.00	42.70 1.28 0.00	43.87 1.32 0.00	60.18 1.84 -16.81	65.55 1.38 -26.87	162.73 2.11 -115.66	41.13 1.68 0.00	43.42 1.95 0.00	37.63 1.86 0.00	34.22 1.76 0.00	43.87 2.50 0.00	57.85 2.79 0.00	45.03 2.43 0.00	41.88 2.50 0.00	48.41 3.32 0.00	49.40 3.14 0.00	42.63 2.61 0.00	37.36 2.26 0.00
LACHUTE____HYDRO 323717	22.62 2.42 0.00	24.05 2.48 0.00	27.92 2.76 0.00	25.80 2.56 0.00	24.08 2.43 0.00	32.88 3.39 0.00	43.39 4.74 0.00	46.16 4.74 0.00	46.26 3.71 0.00	44.61 3.07 0.00	39.25 2.45 0.50	47.30 2.50 0.15	41.62 2.23 0.05	43.70 2.22 0.00	38.12 2.35 0.00	34.78 2.31 0.00	44.46 3.09 0.00	60.24 5.18 0.00	46.81 4.21 0.00	43.66 4.29 0.00	49.87 4.79 0.00	50.20 3.94 0.00	42.89 2.88 0.00	37.68 2.58 0.00
LAWRNCALV_115KV_TB1 80681	20.29 0.09 0.00	21.70 0.13 0.00	25.41 0.26 0.00	23.48 0.24 0.00	21.92 0.26 0.00	29.79 0.29 -0.02	39.05 0.40 0.00	42.49 0.62 -0.46	43.74 0.66 -0.53	248.53 0.85 -206.15	367.05 0.62 -329.13	1462.76 1.02 -1416.78	42.92 0.78 -2.68	43.83 1.07 -1.29	36.95 0.60 -0.58	33.49 0.44 -0.58	42.37 0.44 -0.56	56.29 0.47 -0.76	43.95 0.68 -0.67	41.38 0.81 -1.20	47.47 1.30 -1.08	49.68 1.24 -2.18	42.20 1.18 -1.00	36.61 1.16 -0.34
LEDERLE____ 23769	21.03 0.83 0.00	22.32 0.75 0.00	25.92 0.76 0.00	23.93 0.69 0.00	22.31 0.65 0.00	30.41 0.92 0.00	40.11 1.46 0.00	42.99 1.57 0.00	44.20 1.64 0.00	43.15 1.61 0.00	39.28 1.51 -0.48	46.74 1.64 -0.15	40.92 1.42 -0.05	42.89 1.41 0.00	37.22 1.44 0.00	33.92 1.46 0.00	43.08 1.70 0.00	57.40 2.34 0.00	44.16 1.56 0.00	40.73 1.36 0.00	45.93 0.85 0.00	47.08 0.82 0.00	40.86 0.85 0.00	35.95 0.85 0.00
LIGHTHSE_115KV_TB6 355974	19.93 -0.27 0.00	21.36 -0.21 0.00	24.92 -0.24 0.00	23.00 -0.24 0.00	21.46 -0.19 0.00	29.37 -0.23 -0.11	38.72 0.08 0.00	45.29 0.57 -3.30	46.92 0.53 -3.84	66.27 0.11 -24.62	74.28 0.29 -36.69	202.39 0.35 -157.09	59.51 0.60 -19.45	51.37 0.56 -9.33	40.62 0.65 -4.19	37.25 0.56 -4.23	45.92 0.52 -4.03	61.55 0.97 -5.52	48.27 0.79 -4.89	48.65 0.62 -8.65	53.22 0.36 -7.78	62.64 0.61 -15.77	47.67 0.43 -7.23	37.79 0.20 -2.48
LINDEN COGEN____ 23786	20.95 0.75 0.00	21.67 0.68 0.58	24.88 0.66 0.94	22.41 0.60 1.43	22.14 0.61 0.13	29.82 0.86 0.53	32.90 1.36 7.10	36.10 1.51 6.83	36.29 1.55 7.81	31.80 1.58 11.32	26.96 1.52 11.86	34.70 1.58 11.84	33.02 1.38 7.81	34.92 1.34 7.90	32.46 1.42 4.73	30.71 1.46 3.22	35.26 1.68 7.79	46.51 2.24 10.78	40.50 1.42 3.53	38.48 1.22 2.11	40.35 0.61 5.35	43.49 0.56 3.34	38.72 0.69 1.98	35.47 0.75 0.39
LINDHRST_69_KV_BK1 356055	21.04 0.84 0.00	22.30 0.74 0.00	25.81 0.65 0.00	23.88 0.65 0.00	22.31 0.65 0.00	30.47 0.98 0.00	40.12 1.47 0.00	42.93 1.51 0.00	44.16 1.61 0.00	43.19 1.65 0.00	39.58 1.77 -0.51	46.18 1.07 -0.16	40.87 1.37 -0.05	42.59 1.11 0.00	37.15 1.38 0.00	33.86 1.40 0.00	42.67 1.31 0.00	57.02 1.96 0.00	43.98 1.38 0.00	40.64 1.27 0.00	45.49 0.40 0.00	46.16 0.32 0.42	39.62 0.34 0.73	35.68 0.57 0.00
LIPA_MISC_IPP 23656	20.71 0.51 0.00	21.93 0.36 0.00	25.35 0.20 0.00	23.51 0.28 0.00	21.99 0.33 0.00	30.00 0.52 0.00	39.50 0.85 0.00	42.25 0.83 0.00	43.43 0.88 0.00	42.45 0.91 0.00	38.90 1.10 -0.50	45.18 0.07 -0.16	40.04 0.54 -0.05	41.69 0.21 0.00	36.47 0.70 0.00	33.26 0.79 0.00	41.85 0.48 0.00	55.92 0.86 0.00	43.15 0.55 0.00	39.90 0.52 0.00	44.59 -0.50 0.00	45.10 -0.69 0.47	38.68 -0.52 0.82	34.94 -0.16 0.00
LISF____SOLAR 323691	20.74 0.54 0.00	21.95 0.38 0.00	25.37 0.21 0.00	23.54 0.30 0.00	22.00 0.35 0.00	30.04 0.55 0.00	39.56 0.91 0.00	42.32 0.90 0.00	43.49 0.93 0.00	42.49 0.95 0.00	38.90 1.10 -0.50	45.19 0.08 -0.16	40.08 0.58 -0.05	41.69 0.21 0.00	36.51 0.73 0.00	33.27 0.81 0.00	41.90 0.52 0.00	56.00 0.94 0.00	43.23 0.63 0.00	39.98 0.61 0.00	44.67 -0.41 0.00	45.18 -0.61 0.47	38.74 -0.46 0.82	34.99 -0.11 0.00
LITTLE FALLS____HYD 24013	20.66 0.46 0.00	22.00 0.42 0.00	25.56 0.40 0.00	23.63 0.39 0.00	22.02 0.37 0.00	30.60 1.12 0.00	40.88 2.23 0.00	43.84 2.42 0.00	44.06 1.51 0.00	45.76 -0.21 -4.44	43.55 -0.84 -7.10	73.76 -1.76 -30.56	38.24 -1.17 0.03	39.67 -1.81 0.00	34.53 -1.24 0.00	32.11 -0.35 0.00	40.93 -0.44 0.00	55.92 0.87 0.00	43.57 0.97 0.00	40.40 1.03 0.00	45.67 0.58 0.00	46.76 0.50 0.00	40.10 0.09 0.00	35.21 0.11 0.00

LITTLRIV_115KV_TB1 356100	20.57 0.37 0.00	22.02 0.44 0.00	25.78 0.63 0.00	23.81 0.58 0.00	22.23 0.57 0.00	30.24 0.74 -0.02	39.66 1.02 0.00	43.20 1.29 -0.49	44.41 1.29 -0.57	239.86 1.32 -197.01	352.81 1.00 -314.50	1400.33 1.58 -1353.80	43.50 1.19 -2.86	44.42 1.57 -1.37	37.26 0.87 -0.62	33.93 0.84 -0.62	43.05 1.08 -0.60	57.24 1.37 -0.81	44.72 1.40 -0.72	42.16 1.51 -1.27	48.33 2.10 -1.15	50.59 2.01 -2.32	42.91 1.83 -1.06	37.16 1.69 -0.37
LI_NEWBRDGE___DRP 323616	20.84 0.64 0.00	22.10 0.53 0.00	25.59 0.44 0.00	23.69 0.45 0.00	22.12 0.46 0.00	30.18 0.69 0.00	39.69 1.04 0.00	42.46 1.04 0.00	43.71 1.16 0.00	42.77 1.23 0.00	39.23 1.43 -0.50	45.86 0.75 -0.16	40.53 1.03 -0.05	42.25 0.77 0.00	36.80 1.02 0.00	33.50 1.03 0.00	42.27 0.90 0.00	56.39 1.34 0.00	43.43 0.83 0.00	40.12 0.75 0.00	45.01 -0.07 0.00	45.57 -0.18 0.50	39.07 -0.06 0.89	35.34 0.23 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.56 -0.64 0.00	21.26 -0.31 0.00	24.76 -0.40 0.00	22.80 -0.44 0.00	21.31 -0.35 0.00	29.31 -0.21 -0.04	38.55 -0.10 0.00	42.43 -0.36 -1.38	44.80 0.55 -1.69	44.62 1.44 -1.64	40.31 1.57 -1.44	53.97 2.53 -6.48	50.28 2.12 -8.71	47.76 2.11 -4.17	39.28 1.63 -1.88	35.34 0.98 -1.90	43.88 0.69 -1.81	57.24 -0.29 -2.48	44.50 -0.29 -2.19	42.55 -0.70 -3.88	48.06 -0.51 -3.48	53.54 0.21 -7.06	43.78 0.53 -3.24	36.83 0.61 -1.11
LOCKPORT___CC1 323769	19.56 -0.64 0.00	21.25 -0.32 0.00	24.75 -0.41 0.00	22.80 -0.44 0.00	21.34 -0.31 0.00	29.31 -0.22 -0.04	38.54 -0.10 0.00	42.41 -0.39 -1.38	44.76 0.51 -1.70	44.64 1.45 -1.64	40.30 1.56 -1.44	53.93 2.51 -6.46	50.27 2.10 -8.72	47.76 2.09 -4.18	39.27 1.62 -1.88	35.33 0.97 -1.90	43.88 0.70 -1.81	57.26 -0.28 -2.48	44.48 -0.31 -2.20	42.52 -0.74 -3.88	48.05 -0.53 -3.49	53.52 0.19 -7.07	43.79 0.53 -3.24	36.81 0.60 -1.11
LOCKPORT___CC2 323770	19.56 -0.64 0.00	21.25 -0.32 0.00	24.75 -0.41 0.00	22.80 -0.44 0.00	21.34 -0.31 0.00	29.31 -0.22 -0.04	38.54 -0.10 0.00	42.41 -0.39 -1.38	44.76 0.51 -1.70	44.64 1.45 -1.64	40.30 1.56 -1.44	53.93 2.51 -6.46	50.27 2.10 -8.72	47.76 2.09 -4.18	39.27 1.62 -1.88	35.33 0.97 -1.90	43.88 0.70 -1.81	57.26 -0.28 -2.48	44.48 -0.31 -2.20	42.52 -0.74 -3.88	48.05 -0.53 -3.49	53.52 0.19 -7.07	43.79 0.53 -3.24	36.81 0.60 -1.11
LOCKPORT___CC3 323771	19.56 -0.64 0.00	21.25 -0.32 0.00	24.75 -0.41 0.00	22.80 -0.44 0.00	21.34 -0.31 0.00	29.31 -0.22 -0.04	38.54 -0.10 0.00	42.41 -0.39 -1.38	44.76 0.51 -1.70	44.64 1.45 -1.64	40.30 1.56 -1.44	53.93 2.51 -6.46	50.27 2.10 -8.72	47.76 2.09 -4.18	39.27 1.62 -1.88	35.33 0.97 -1.90	43.88 0.70 -1.81	57.26 -0.28 -2.48	44.48 -0.31 -2.20	42.52 -0.74 -3.88	48.05 -0.53 -3.49	53.52 0.19 -7.07	43.79 0.53 -3.24	36.81 0.60 -1.11
LOCUSVLY_69_KV_BK2 55797	21.04 0.84 0.00	22.33 0.76 0.00	25.87 0.72 0.00	23.93 0.69 0.00	22.33 0.68 0.00	30.48 0.99 0.00	40.12 1.48 0.00	42.95 1.53 0.00	44.21 1.66 0.00	43.26 1.73 0.00	39.63 1.82 -0.51	46.52 1.41 -0.16	41.08 1.58 -0.05	42.85 1.38 0.00	37.31 1.54 0.00	33.95 1.49 0.00	42.93 1.56 0.00	57.12 2.07 0.00	43.92 1.32 0.00	40.56 1.18 0.00	45.55 0.47 0.00	46.47 0.46 0.25	40.10 0.52 0.43	35.80 0.70 0.00
LONG_LAKE_PHOENIX 24014	20.07 -0.13 0.00	21.45 -0.12 0.00	24.99 -0.16 0.00	23.06 -0.18 0.00	21.51 -0.14 0.00	29.46 -0.09 -0.06	38.77 0.12 0.00	43.72 0.18 -2.12	45.08 0.08 -2.46	49.66 0.17 -7.96	48.53 0.21 -11.02	92.02 0.19 -46.88	52.10 0.21 -12.45	47.56 0.12 -5.96	38.47 0.02 -2.68	35.22 0.05 -2.70	44.04 0.09 -2.58	58.75 0.16 -3.54	45.79 0.06 -3.13	44.89 -0.02 -5.54	49.89 -0.18 -4.98	56.23 -0.12 -10.09	44.46 -0.17 -4.62	36.46 -0.23 -1.59
LOVETT___3 23632	20.91 0.71 0.00	22.21 0.64 0.00	25.80 0.64 0.00	23.81 0.58 0.00	22.20 0.55 0.00	30.25 0.77 0.00	39.88 1.24 0.00	42.75 1.33 0.00	43.91 1.36 0.00	42.86 1.33 0.00	39.04 1.26 -0.48	46.40 1.30 -0.15	40.64 1.14 -0.05	42.59 1.11 0.00	36.95 1.18 0.00	33.67 1.20 0.00	42.75 1.38 0.00	56.96 1.90 0.00	43.81 1.21 0.00	40.42 1.05 0.00	45.60 0.52 0.00	46.76 0.50 0.00	40.59 0.58 0.00	35.73 0.62 0.00
LOVETT___4 23642	20.91 0.71 0.00	22.21 0.64 0.00	25.80 0.64 0.00	23.81 0.58 0.00	22.20 0.55 0.00	30.25 0.77 0.00	39.88 1.24 0.00	42.75 1.33 0.00	43.91 1.36 0.00	42.86 1.33 0.00	39.04 1.26 -0.48	46.40 1.30 -0.15	40.64 1.14 -0.05	42.59 1.11 0.00	36.95 1.18 0.00	33.67 1.20 0.00	42.75 1.38 0.00	56.96 1.90 0.00	43.81 1.21 0.00	40.42 1.05 0.00	45.60 0.52 0.00	46.76 0.50 0.00	40.59 0.58 0.00	35.73 0.62 0.00
LOVETT___5 23593	20.91 0.71 0.00	22.21 0.64 0.00	25.80 0.64 0.00	23.81 0.58 0.00	22.20 0.55 0.00	30.25 0.77 0.00	39.88 1.24 0.00	42.75 1.33 0.00	43.91 1.36 0.00	42.86 1.33 0.00	39.04 1.26 -0.48	46.40 1.30 -0.15	40.64 1.14 -0.05	42.59 1.11 0.00	36.95 1.18 0.00	33.67 1.20 0.00	42.75 1.38 0.00	56.96 1.90 0.00	43.81 1.21 0.00	40.42 1.05 0.00	45.60 0.52 0.00	46.76 0.50 0.00	40.59 0.58 0.00	35.73 0.62 0.00
LOWER RAQUET___HYD 24057	20.29 0.09 0.00	21.70 0.13 0.00	25.41 0.26 0.00	23.48 0.24 0.00	21.92 0.27 0.00	29.80 0.30 -0.02	39.09 0.44 0.00	42.64 0.70 -0.52	43.88 0.73 -0.60	230.83 0.88 -188.42	338.70 0.65 -300.75	1340.59 1.06 -1294.58	43.29 0.81 -3.03	44.04 1.11 -1.45	37.06 0.64 -0.65	33.57 0.45 -0.66	42.45 0.45 -0.63	56.41 0.49 -0.86	44.07 0.71 -0.76	41.56 0.84 -1.35	47.61 1.32 -1.21	49.98 1.26 -2.46	42.37 1.23 -1.13	36.71 1.22 -0.39
LOWER___HUDSON 24059	20.81 0.61 0.00	22.17 0.59 0.00	25.81 0.66 0.00	23.85 0.61 0.00	22.21 0.55 0.00	30.20 0.71 0.00	39.69 1.04 0.00	42.60 1.18 0.00	43.57 1.01 0.00	42.13 0.59 0.00	37.05 0.41 0.67	45.07 0.32 0.21	39.61 0.23 0.07	41.61 0.14 0.00	35.98 0.20 0.00	32.80 0.33 0.00	41.90 0.52 0.00	56.06 1.01 0.00	43.23 0.63 0.00	40.08 0.71 0.00	45.60 0.52 0.00	46.62 0.36 0.00	40.28 0.27 0.00	35.41 0.31 0.00
LOWVILLE_115KV_TB2 356335	19.99 -0.21 0.00	21.50 -0.06 0.00	25.21 0.06 0.00	23.30 0.06 0.00	21.78 0.12 0.00	29.55 0.02 -0.04	39.40 0.75 0.00	43.98 1.40 -1.16	45.37 1.47 -1.35	97.39 0.60 -55.26	125.41 0.72 -87.39	421.66 0.80 -375.91	47.35 1.05 -6.85	45.96 1.20 -3.29	38.46 1.21 -1.48	35.05 1.10 -1.49	44.23 1.44 -1.42	59.24 2.23 -1.94	46.17 1.85 -1.72	44.13 1.71 -3.05	49.26 1.43 -2.74	53.38 1.57 -5.55	43.89 1.33 -2.55	36.93 0.95 -0.87
LUTHERFT_115KV_GLOB_FND_222 355753	21.15 0.96 0.00	22.55 0.98 0.00	26.28 1.12 0.00	24.26 1.02 0.00	22.60 0.95 0.00	30.79 1.30 0.00	40.52 1.88 0.00	43.45 2.03 0.00	44.35 1.80 0.00	42.85 1.32 0.00	37.73 0.95 0.52	45.78 0.99 0.16	40.18 0.79 0.06	42.19 0.72 0.00	36.49 0.71 0.00	33.27 0.81 0.00	42.54 1.17 0.00	57.06 2.01 0.00	44.13 1.53 0.00	40.85 1.47 0.00	46.48 1.40 0.00	47.55 1.29 0.00	41.00 0.98 0.00	36.00 0.89 0.00

LUTHERNY_35_KV_BK2 355980	21.15 0.95 0.00	22.55 0.99 0.00	26.31 1.16 0.00	24.28 1.05 0.00	22.61 0.96 0.00	30.82 1.33 0.00	40.53 1.89 0.00	43.47 2.05 0.00	44.37 1.82 0.00	42.86 1.32 0.00	37.73 0.95 0.52	45.81 1.01 0.16	40.23 0.83 0.06	42.22 0.74 0.00	36.52 0.75 0.00	33.33 0.86 0.00	42.59 1.22 0.00	57.15 2.09 0.00	44.26 1.67 0.00	40.91 1.53 0.00	46.51 1.43 0.00	47.63 1.37 0.00	41.00 0.99 0.00	36.02 0.92 0.00
LWR___OSWEGATCHIE_HYD 23850	20.15 -0.05 0.00	21.62 0.05 0.00	25.32 0.17 0.00	23.39 0.16 0.00	21.85 0.19 0.00	29.71 0.19 -0.03	39.28 0.63 0.00	43.49 1.11 -0.96	44.85 1.18 -1.12	171.06 0.77 -128.76	243.06 0.72 -205.03	928.32 0.97 -882.39	46.13 1.02 -5.66	45.39 1.20 -2.71	37.97 0.98 -1.22	34.52 0.82 -1.23	43.45 0.90 -1.17	58.00 1.34 -1.61	45.31 1.29 -1.42	43.16 1.27 -2.51	48.72 1.37 -2.26	52.36 1.51 -4.58	43.46 1.35 -2.10	36.96 1.14 -0.72
LYONS_FALL_HYD 23570	20.20 0.00 0.00	21.68 0.10 0.00	25.36 0.20 0.00	23.44 0.20 0.00	21.90 0.24 0.00	29.77 0.26 -0.03	39.52 0.87 0.00	43.66 1.30 -0.94	44.98 1.34 -1.09	79.15 0.69 -36.92	96.28 0.72 -58.26	296.36 0.84 -250.57	45.94 0.96 -5.53	45.22 1.09 -2.65	38.07 1.11 -1.19	34.66 0.99 -1.20	43.85 1.33 -1.15	58.68 2.05 -1.57	45.64 1.65 -1.39	43.34 1.51 -2.46	48.63 1.34 -2.21	52.16 1.42 -4.48	43.25 1.18 -2.05	36.67 0.86 -0.71
MADISON___COUNTY_LFGE 323628	20.47 0.27 0.00	21.89 0.32 0.00	25.52 0.37 0.00	23.59 0.36 0.00	22.03 0.38 0.00	30.13 0.60 -0.04	39.74 1.09 0.00	43.93 1.18 -1.33	45.23 1.15 -1.53	54.85 0.81 -12.50	56.94 0.72 -18.92	127.01 0.96 -81.10	48.09 0.87 -7.77	46.19 0.99 -3.72	38.46 1.01 -1.67	35.03 0.87 -1.69	44.29 1.31 -1.61	59.21 1.94 -2.21	46.05 1.50 -1.95	44.13 1.30 -3.46	49.44 1.25 -3.11	53.83 1.27 -6.30	43.92 1.02 -2.89	36.85 0.76 -0.99
MALONE___115KV_TB1 356076	20.30 0.10 0.00	21.49 -0.08 0.00	25.20 0.05 0.00	23.31 0.07 0.00	21.89 0.24 0.00	29.88 0.39 0.00	39.40 0.75 0.00	42.49 1.07 0.00	43.77 1.22 0.00	111.36 1.55 -68.27	147.60 1.18 -109.12	516.50 1.80 -469.74	40.87 1.42 0.00	43.21 1.74 0.00	37.17 1.40 0.00	33.75 1.28 0.00	43.08 1.71 0.00	57.08 2.02 0.00	44.48 1.89 0.00	41.31 1.94 0.00	47.73 2.64 0.00	48.78 2.52 0.00	42.14 2.12 0.00	36.93 1.83 0.00
MAPLEWOD_115KV_TB3 80458	20.63 0.43 0.00	21.98 0.40 0.00	25.57 0.42 0.00	23.65 0.41 0.00	22.03 0.37 0.00	29.92 0.43 0.00	39.30 0.66 0.00	42.18 0.76 0.00	43.17 0.62 0.00	41.83 0.29 0.00	37.01 0.17 0.46	44.86 0.04 0.14	39.42 0.02 0.05	41.43 -0.05 0.00	35.84 0.07 0.00	32.69 0.23 0.00	41.69 0.32 0.00	55.69 0.64 0.00	42.92 0.33 0.00	39.79 0.42 0.00	45.23 0.15 0.00	46.27 0.01 0.00	40.01 -0.01 0.00	35.14 0.04 0.00
MAPLE_RIDGE_WT_1 323574	-0.80 -0.65 20.35	20.92 -0.65 0.00	24.57 -0.58 0.00	22.74 -0.50 0.00	21.23 -0.42 0.00	28.93 -0.55 0.00	37.74 -0.91 0.00	40.52 -0.90 0.00	41.69 -0.86 0.00	36.30 -0.49 4.75	29.47 -0.24 7.59	11.94 -0.35 32.66	39.22 -0.23 0.00	41.38 -0.10 0.00	35.64 -0.13 0.00	32.38 -0.08 0.00	41.18 -0.19 0.00	54.84 -0.21 0.00	42.44 -0.15 0.00	39.09 -0.29 0.00	44.78 -0.31 0.00	45.97 -0.29 0.00	39.73 -0.28 0.00	34.78 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	-0.80 -0.65 20.35	20.92 -0.65 0.00	24.57 -0.58 0.00	22.74 -0.50 0.00	21.23 -0.42 0.00	28.93 -0.55 0.00	37.74 -0.91 0.00	40.52 -0.90 0.00	41.69 -0.86 0.00	36.30 -0.49 4.75	29.47 -0.24 7.59	11.94 -0.35 32.66	39.22 -0.23 0.00	41.38 -0.10 0.00	35.64 -0.13 0.00	32.38 -0.08 0.00	41.18 -0.19 0.00	54.84 -0.21 0.00	42.44 -0.15 0.00	39.09 -0.29 0.00	44.78 -0.31 0.00	45.97 -0.29 0.00	39.73 -0.28 0.00	34.78 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	19.97 -0.23 0.00	20.87 -0.71 0.00	24.52 -0.63 0.00	22.70 -0.54 0.00	21.50 -0.15 0.00	29.49 0.01 0.00	39.28 0.63 0.00	42.38 0.96 0.00	43.72 1.16 0.00	57.70 1.80 -14.37	61.72 1.45 -22.96	146.02 2.22 -98.85	41.21 1.76 0.00	43.49 2.01 0.00	37.73 1.96 0.00	34.33 1.86 0.00	43.98 2.61 0.00	57.94 2.88 0.00	44.95 2.35 0.00	41.77 2.40 0.00	48.31 3.22 0.00	49.32 3.06 0.00	42.57 2.56 0.00	37.36 2.25 0.00
MARSHVLE_115KV_TB1 80742	20.75 0.55 0.00	22.20 0.63 0.00	25.94 0.78 0.00	23.95 0.71 0.00	22.34 0.68 0.00	30.55 1.06 0.00	40.46 1.81 0.00	43.97 2.55 0.00	44.44 1.89 0.00	42.80 1.26 0.00	37.80 0.79 0.29	45.68 0.82 0.09	39.85 0.44 0.03	42.38 0.90 0.00	36.78 1.00 0.00	33.53 1.07 0.00	42.66 1.29 0.00	57.22 2.16 0.00	44.78 2.18 0.00	41.52 2.14 0.00	47.43 2.35 0.00	48.75 2.49 0.00	42.07 2.05 0.00	36.83 1.72 0.00
MARSH_HILL_WT_PWR 323713	19.05 -1.15 0.00	20.60 -0.97 0.00	23.83 -1.33 0.00	22.01 -1.22 0.00	20.84 -0.81 0.00	28.82 -0.72 -0.05	38.07 -0.57 0.00	42.35 -0.88 -1.82	43.87 -0.91 -2.23	43.34 -0.33 -2.14	39.42 0.25 -1.87	53.37 0.70 -7.71	50.83 0.04 -11.33	46.82 -0.09 -5.43	38.68 0.47 -2.44	35.19 0.27 -2.45	43.98 0.27 -2.34	58.44 0.17 -3.20	46.02 0.58 -2.84	44.66 0.26 -5.02	49.67 0.07 -4.52	56.00 0.59 -9.15	44.81 0.61 -4.19	36.59 0.04 -1.44
MCINTYRE_115KV_TB2 80467	20.70 0.49 0.00	22.16 0.59 0.00	25.95 0.79 0.00	23.97 0.73 0.00	22.37 0.71 0.00	30.42 0.92 -0.01	39.86 1.22 0.00	43.33 1.47 -0.44	44.50 1.43 -0.51	253.82 1.46 -210.82	375.08 1.16 -336.61	1495.68 1.74 -1448.98	43.32 1.27 -2.60	44.41 1.69 -1.24	37.21 0.88 -0.56	33.99 0.96 -0.56	43.24 1.33 -0.54	57.46 1.67 -0.74	44.90 1.65 -0.65	42.30 1.77 -1.16	48.57 2.45 -1.04	50.69 2.32 -2.10	43.04 2.06 -0.96	37.29 1.86 -0.33
MECO_____69_KV_BK1 80468	21.05 0.85 0.00	22.48 0.91 0.00	26.24 1.09 0.00	24.23 0.99 0.00	22.60 0.95 0.00	30.90 1.41 0.00	40.91 2.27 0.00	44.24 2.82 0.00	44.81 2.25 0.00	43.11 1.58 0.00	37.56 0.58 0.32	45.14 0.28 0.10	39.39 -0.02 0.04	41.67 0.19 0.00	36.08 0.30 0.00	33.44 0.98 0.00	42.37 1.00 0.00	57.33 2.27 0.00	45.07 2.47 0.00	41.89 2.51 0.00	47.74 2.65 0.00	48.92 2.66 0.00	42.17 2.16 0.00	36.90 1.80 0.00
MENANDS___115KV_TB5 355628	20.52 0.32 0.00	21.86 0.29 0.00	25.44 0.28 0.00	23.52 0.28 0.00	21.91 0.25 0.00	29.73 0.25 0.00	39.04 0.40 0.00	41.91 0.49 0.00	42.89 0.34 0.00	41.58 0.04 0.00	36.82 -0.02 0.46	44.62 -0.19 0.14	39.22 -0.18 0.05	41.22 -0.26 0.00	35.66 -0.11 0.00	32.51 0.04 0.00	41.43 0.06 0.00	55.31 0.25 0.00	42.62 0.02 0.00	39.50 0.13 0.00	44.90 -0.18 0.00	45.93 -0.33 0.00	39.71 -0.30 0.00	34.90 -0.20 0.00
MG INDUSTRY___DRP 24185	20.57 0.37 0.00	21.95 0.38 0.00	25.56 0.40 0.00	23.63 0.39 0.00	22.01 0.36 0.00	29.92 0.43 0.00	39.29 0.64 0.00	42.09 0.67 0.00	42.98 0.43 0.00	41.56 0.03 0.00	37.05 -0.06 0.19	44.70 -0.19 0.06	39.23 -0.20 0.02	41.24 -0.24 0.00	35.68 -0.09 0.00	32.57 0.10 0.00	41.54 0.16 0.00	55.47 0.41 0.00	42.86 0.26 0.00	39.69 0.32 0.00	45.17 0.08 0.00	46.27 0.01 0.00	40.03 0.01 0.00	35.16 0.06 0.00

MID___OSWEGATCHIE_HYD 23849	20.15 -0.05 0.00	21.62 0.05 0.00	25.32 0.17 0.00	23.39 0.16 0.00	21.85 0.19 0.00	29.71 0.19 -0.03	39.28 0.63 0.00	43.49 1.11 -0.96	44.85 1.18 -1.12	171.06 0.77 -128.76	243.06 0.72 -205.03	928.32 0.97 -882.39	46.13 1.02 -5.66	45.39 1.20 -2.71	37.97 0.98 -1.22	34.52 0.82 -1.23	43.45 0.90 -1.17	58.00 1.34 -1.61	45.31 1.29 -1.42	43.16 1.27 -2.51	48.72 1.37 -2.26	52.36 1.51 -4.58	43.46 1.35 -2.10	36.96 1.14 -0.72
MID___RAQUETTE_HYD 23851	20.29 0.09 0.00	21.70 0.13 0.00	25.41 0.26 0.00	23.48 0.24 0.00	21.92 0.27 0.00	29.80 0.30 -0.02	39.09 0.44 0.00	42.64 0.70 -0.52	43.88 0.73 -0.60	230.83 0.88 -188.42	338.70 0.65 -300.75	1340.59 1.06 -1294.58	43.29 0.81 -3.03	44.04 1.11 -1.45	37.07 0.64 -0.65	33.57 0.45 -0.66	42.45 0.45 -0.63	56.41 0.49 -0.86	44.07 0.71 -0.76	41.56 0.84 -1.35	47.62 1.32 -1.21	49.98 1.26 -2.46	42.37 1.23 -1.13	36.71 1.22 -0.39
MILLIKEN___1 23584	20.32 0.12 0.00	21.75 0.17 0.00	25.34 0.18 0.00	23.37 0.13 0.00	21.81 0.16 0.00	29.94 0.39 -0.07	39.50 0.85 0.00	44.95 0.88 -2.65	46.49 0.88 -3.07	45.24 0.78 -2.93	40.57 0.70 -2.57	56.28 0.98 -10.34	56.00 1.01 -15.54	49.65 0.72 -7.45	39.68 0.56 -3.35	36.32 0.48 -3.38	45.37 0.78 -3.22	60.67 1.20 -4.41	47.58 1.08 -3.90	47.18 0.90 -6.91	52.15 0.86 -6.21	59.83 0.98 -12.59	46.59 0.81 -5.77	37.68 0.59 -1.98
MILLIKEN___2 23585	20.32 0.12 0.00	21.75 0.17 0.00	25.34 0.18 0.00	23.37 0.13 0.00	21.81 0.16 0.00	29.94 0.39 -0.07	39.50 0.85 0.00	44.95 0.88 -2.65	46.49 0.88 -3.07	45.24 0.78 -2.93	40.57 0.70 -2.57	56.28 0.98 -10.34	56.00 1.01 -15.54	49.65 0.72 -7.45	39.68 0.56 -3.35	36.32 0.48 -3.38	45.37 0.78 -3.22	60.67 1.20 -4.41	47.58 1.08 -3.90	47.18 0.90 -6.91	52.15 0.86 -6.21	59.83 0.98 -12.59	46.59 0.81 -5.77	37.68 0.59 -1.98
MILLIKEN___DIESEL 23629	20.32 0.12 0.00	21.75 0.17 0.00	25.34 0.18 0.00	23.37 0.13 0.00	21.81 0.16 0.00	29.94 0.39 -0.07	39.50 0.85 0.00	44.95 0.88 -2.65	46.49 0.88 -3.07	45.24 0.78 -2.93	40.57 0.70 -2.57	56.28 0.98 -10.34	56.00 1.01 -15.54	49.65 0.72 -7.45	39.68 0.56 -3.35	36.32 0.48 -3.38	45.37 0.78 -3.22	60.67 1.20 -4.41	47.58 1.08 -3.90	47.18 0.90 -6.91	52.15 0.86 -6.21	59.83 0.98 -12.59	46.59 0.81 -5.77	37.68 0.59 -1.98
MILLSEAT___LFGE 323607	20.06 -0.14 0.00	21.72 0.15 0.00	25.29 0.13 0.00	23.28 0.04 0.00	21.80 0.14 0.00	29.96 0.43 -0.04	39.57 0.92 0.00	43.63 0.85 -1.35	46.01 1.77 -1.68	45.70 2.53 -1.63	41.18 2.45 -1.43	55.71 3.30 -7.46	50.86 2.74 -8.68	48.51 2.43 -4.16	40.07 2.43 -1.87	36.03 1.68 -1.89	44.70 1.52 -1.80	58.88 1.36 -2.47	45.96 1.18 -2.18	43.96 0.73 -3.86	49.58 1.03 -3.47	54.91 1.62 -7.03	44.82 1.58 -3.22	37.63 1.42 -1.11
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.94 0.74 0.00	22.24 0.68 0.00	25.83 0.68 0.00	23.86 0.62 0.00	22.24 0.59 0.00	30.31 0.82 0.00	39.97 1.33 0.00	42.86 1.44 0.00	44.02 1.46 0.00	42.95 1.41 0.00	39.14 1.34 -0.50	46.48 1.37 -0.16	40.72 1.21 -0.05	42.65 1.17 0.00	37.01 1.23 0.00	33.71 1.24 0.00	42.82 1.45 0.00	57.04 1.99 0.00	43.88 1.28 0.00	40.50 1.13 0.00	45.70 0.62 0.00	46.84 0.58 0.00	40.64 0.62 0.00	35.75 0.64 0.00
MILLWOOD_13_KV_LOAD 356217	20.96 0.76 0.00	22.27 0.70 0.00	25.86 0.71 0.00	23.88 0.65 0.00	22.27 0.61 0.00	30.34 0.86 0.00	40.02 1.37 0.00	42.91 1.49 0.00	44.07 1.52 0.00	43.01 1.48 0.00	39.19 1.39 -0.50	46.56 1.44 -0.16	40.78 1.28 -0.05	42.72 1.24 0.00	37.05 1.27 0.00	33.75 1.29 0.00	42.87 1.50 0.00	57.14 2.08 0.00	43.95 1.36 0.00	40.57 1.20 0.00	45.77 0.69 0.00	46.90 0.64 0.00	40.70 0.68 0.00	35.81 0.70 0.00
MODEL_CITY_ENERGY 24167	19.39 -0.81 0.00	21.08 -0.49 0.00	24.55 -0.60 0.00	22.61 -0.62 0.00	21.17 -0.49 0.00	29.07 -0.46 -0.04	38.19 -0.46 0.00	42.02 -0.78 -1.38	44.37 0.12 -1.69	44.25 1.07 -1.64	40.00 1.26 -1.44	53.48 2.11 -6.42	49.89 1.74 -8.70	47.38 1.73 -4.17	38.97 1.32 -1.88	35.07 0.71 -1.90	43.49 0.31 -1.81	56.66 -0.87 -2.48	44.03 -0.76 -2.20	42.09 -1.16 -3.88	47.55 -1.02 -3.48	53.03 -0.30 -7.06	43.36 0.10 -3.24	36.50 0.28 -1.11
MODERN_LFGE___ 323580	19.39 -0.81 0.00	21.08 -0.49 0.00	24.55 -0.60 0.00	22.61 -0.62 0.00	21.17 -0.49 0.00	29.07 -0.46 -0.04	38.19 -0.46 0.00	42.02 -0.78 -1.38	44.37 0.12 -1.69	44.25 1.07 -1.64	40.00 1.26 -1.44	53.48 2.11 -6.42	49.89 1.74 -8.70	47.38 1.73 -4.17	38.97 1.32 -1.88	35.07 0.71 -1.90	43.49 0.31 -1.81	56.66 -0.87 -2.48	44.03 -0.76 -2.20	42.09 -1.16 -3.88	47.55 -1.02 -3.48	53.03 -0.30 -7.06	43.36 0.10 -3.24	36.50 0.28 -1.11
MOHAWK_PAPER___DRP 24187	20.63 0.43 0.00	21.98 0.40 0.00	25.57 0.42 0.00	23.65 0.41 0.00	22.03 0.37 0.00	29.92 0.43 0.00	39.30 0.66 0.00	42.18 0.76 0.00	43.17 0.62 0.00	41.83 0.29 0.00	37.01 0.17 0.46	44.86 0.04 0.14	39.42 0.02 0.05	41.43 -0.05 0.00	35.84 0.07 0.00	32.69 0.23 0.00	41.69 0.64 0.00	55.69 0.64 0.00	42.92 0.33 0.00	39.79 0.42 0.00	45.23 0.15 0.00	46.27 0.01 0.00	40.01 -0.01 0.00	35.14 0.04 0.00
MOHICAN___35_KV_115KV_LD 80490	21.58 1.38 0.00	22.98 1.41 0.00	26.74 1.58 0.00	24.70 1.46 0.00	23.03 1.38 0.00	31.35 1.87 0.00	41.34 2.69 0.00	44.27 2.85 0.00	44.99 2.44 0.00	43.38 1.84 0.00	38.14 1.34 0.51	46.20 1.40 0.16	40.46 1.07 0.05	42.41 0.94 0.00	36.62 0.85 0.00	33.38 0.92 0.00	42.71 1.34 0.00	57.57 2.52 0.00	44.53 1.93 0.00	41.31 1.93 0.00	47.04 1.96 0.00	47.99 1.73 0.00	41.27 1.26 0.00	36.25 1.14 0.00
MONGAUP___HYD 23641	20.93 0.73 0.00	22.26 0.69 0.00	25.86 0.71 0.00	23.88 0.65 0.00	22.25 0.60 0.00	30.36 0.87 0.00	40.05 1.41 0.00	42.98 1.56 0.00	44.11 1.56 0.00	42.99 1.46 0.00	38.84 1.11 -0.43	46.28 1.19 -0.13	40.47 0.98 -0.05	42.18 0.70 0.00	36.49 0.72 0.00	33.43 0.96 0.00	42.62 1.25 0.00	56.87 1.81 0.00	44.02 1.42 0.00	40.74 1.37 0.00	46.14 1.05 0.00	47.27 1.01 0.00	40.93 0.91 0.00	35.92 0.81 0.00
MONTAUK___DIESEL 23721	21.11 0.91 0.00	22.37 0.80 0.00	25.99 0.84 0.00	24.24 1.00 0.00	22.69 1.03 0.00	31.03 1.55 0.00	40.89 2.25 0.00	43.69 2.27 0.00	44.87 2.32 0.00	43.85 2.32 0.00	40.18 2.37 -0.50	46.71 1.60 -0.16	41.32 1.81 -0.05	42.95 1.47 0.00	37.62 1.84 0.00	34.32 1.86 0.00	43.35 1.98 0.00	58.00 2.94 0.00	44.76 2.16 0.00	41.35 1.97 0.00	46.13 1.05 0.00	46.59 0.80 0.47	39.75 0.55 0.82	35.80 0.70 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.09 -1.11 0.00	20.57 -1.00 0.00	23.96 -1.19 0.00	21.97 -1.27 0.00	20.70 -0.95 0.00	28.65 -0.88 -0.04	38.26 -0.38 0.00	42.19 -0.70 -1.47	44.53 0.22 -1.76	44.37 1.14 -1.69	40.14 1.35 -1.48	54.17 2.75 -6.46	50.88 2.43 -8.99	47.86 2.08 -4.31	39.62 1.91 -1.94	36.17 1.74 -1.97	45.29 2.04 -1.88	59.37 1.74 -2.57	45.38 0.51 -2.28	43.45 0.05 -4.03	48.94 0.24 -3.62	54.29 0.70 -7.34	44.29 0.92 -3.36	36.84 0.58 -1.15

MORRIS_RIDGE___SOLAR 323848	19.30 -0.90 0.00	20.84 -0.73 0.00	24.23 -0.92 0.00	22.34 -0.90 0.00	21.03 -0.63 0.00	29.00 -0.53 -0.05	38.23 -0.42 0.00	42.37 -0.72 -1.67	44.15 -0.40 -2.00	43.63 0.17 -1.93	39.33 0.34 -1.69	52.68 0.64 -7.09	49.94 0.26 -10.22	46.48 0.10 -4.90	38.42 0.44 -2.20	34.91 0.24 -2.20	43.53 0.05 -2.10	57.93 0.00 -2.88	45.32 0.17 -2.55	43.63 -0.25 -4.51	48.86 -0.28 -4.05	54.75 0.27 -8.22	44.21 0.43 -3.77	36.65 0.25 -1.29
MORTIMER_115KV_TB3 55949	20.09 -0.11 0.00	21.60 0.03 0.00	25.16 0.01 0.00	23.20 -0.04 0.00	21.65 0.00 0.00	29.70 0.17 -0.04	39.20 0.55 0.00	43.31 0.61 -1.28	45.24 1.04 -1.65	44.67 1.52 -1.61	40.21 1.50 -1.41	52.68 2.18 -5.54	49.87 1.87 -8.55	47.51 1.94 -4.09	39.18 1.57 -1.84	35.43 1.11 -1.86	44.41 1.26 -1.77	58.85 1.36 -2.43	45.78 1.03 -2.15	43.82 0.64 -3.81	49.25 0.74 -3.42	54.23 1.04 -6.94	44.14 0.95 -3.18	36.93 0.73 -1.09
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.06 0.86 0.00	22.37 0.80 0.00	25.97 0.82 0.00	23.99 0.75 0.00	22.38 0.72 0.00	30.50 1.01 0.00	40.23 1.59 0.00	43.17 1.75 0.00	44.34 1.79 0.00	43.33 1.79 0.00	39.50 1.70 -0.51	46.90 1.78 -0.16	41.08 1.58 -0.05	43.01 1.53 0.00	37.34 1.57 0.00	34.03 1.57 0.00	43.20 1.83 0.00	57.51 2.45 0.00	44.20 1.60 0.00	40.78 1.41 0.00	45.98 0.89 0.00	47.09 0.83 0.00	40.91 0.90 0.00	36.00 0.89 0.00
MUNSVILLE_WIND_PWR 323609	20.62 0.42 0.00	22.13 0.56 0.00	25.85 0.69 0.00	23.73 0.49 0.00	22.23 0.58 0.00	30.77 1.23 -0.05	41.11 2.47 0.00	45.95 2.69 -1.85	47.28 2.58 -2.15	45.90 2.31 -2.06	41.04 1.93 -1.80	54.40 2.18 -7.26	52.29 1.93 -10.92	48.59 1.88 -5.23	39.74 1.62 -2.35	36.17 1.34 -2.37	45.94 2.30 -2.26	61.35 3.20 -3.10	48.41 3.07 -2.74	46.93 2.71 -4.85	52.26 2.82 -4.36	57.98 2.88 -8.84	46.32 2.25 -4.05	38.19 1.69 -1.39
N SALMON___HYD 24042	20.30 0.10 0.00	21.49 -0.08 0.00	25.20 0.05 0.00	23.31 0.07 0.00	21.89 0.24 0.00	29.88 0.39 0.00	39.40 0.75 0.00	42.49 1.07 0.00	43.77 1.22 0.00	111.36 1.55 -68.27	147.60 1.18 -109.12	516.50 1.80 -469.74	40.87 1.42 0.00	43.21 1.73 0.00	37.17 1.39 0.00	33.75 1.28 0.00	43.08 1.71 0.00	57.08 2.02 0.00	44.49 1.89 0.00	41.31 1.94 0.00	47.73 2.64 0.00	48.78 2.52 0.00	42.13 2.12 0.00	36.93 1.83 0.00
N.AKRON__115KV_KNAPP 355671	20.10 -0.10 0.00	21.77 0.20 0.00	25.34 0.18 0.00	23.34 0.10 0.00	21.82 0.16 0.00	30.04 0.51 -0.04	39.66 1.02 0.00	43.77 0.99 -1.36	46.20 1.96 -1.69	45.83 2.66 -1.64	41.30 2.57 -1.43	55.72 3.47 -7.30	51.04 2.91 -8.68	48.67 3.04 -4.16	40.19 2.54 -1.87	36.15 1.79 -1.89	44.81 1.64 -1.80	59.03 1.51 -2.47	46.09 1.31 -2.19	44.08 0.84 -3.86	49.72 1.16 -3.47	55.05 1.74 -7.04	44.94 1.70 -3.23	37.74 1.53 -1.11
N.E_GEN_SANDY PD 24062	21.18 0.58 -0.41	22.10 0.53 0.00	25.71 0.55 0.00	23.75 0.51 0.00	22.12 0.46 0.00	30.06 0.57 0.00	39.48 0.83 0.00	42.40 0.98 0.00	42.34 0.84 1.05	41.94 0.50 0.09	29.67 0.43 8.06	35.79 0.34 9.50	29.42 0.26 10.29	33.35 0.17 8.29	30.53 0.26 5.50	28.93 0.33 3.87	41.82 0.45 0.00	55.88 0.82 0.00	43.03 0.43 0.00	39.90 0.53 0.00	45.25 0.16 0.00	46.24 -0.02 0.00	39.99 -0.02 0.00	34.55 0.08 0.63
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.95 0.75 0.00	22.24 0.68 0.00	25.82 0.67 0.00	23.85 0.61 0.00	22.23 0.57 0.00	30.29 0.81 0.00	39.94 1.29 0.00	42.80 1.38 0.00	43.98 1.43 0.00	42.93 1.40 0.00	39.09 1.31 -0.48	46.49 1.39 -0.15	40.71 1.21 -0.05	42.67 1.19 0.00	37.02 1.25 0.00	33.74 1.28 0.00	42.86 1.49 0.00	57.10 2.04 0.00	43.92 1.32 0.00	40.51 1.14 0.00	45.69 0.61 0.00	46.87 0.61 0.00	40.68 0.67 0.00	35.81 0.70 0.00
N.QUEENS_27_KV_LOAD 356247	21.09 0.89 0.00	22.39 0.82 0.00	25.95 0.80 0.00	23.99 0.75 0.00	22.36 0.70 0.00	30.51 1.02 0.00	40.39 1.74 0.00	43.32 1.89 0.00	44.55 2.00 0.00	43.54 2.00 -0.01	39.65 1.84 -0.51	47.10 1.98 -0.17	41.26 1.75 -0.06	43.20 1.72 -0.01	37.52 1.74 -0.01	34.17 1.70 -0.01	43.36 1.98 -0.01	57.63 2.57 0.00	44.25 1.65 0.00	40.85 1.48 0.00	46.08 0.99 0.00	47.24 0.98 0.00	41.05 1.04 0.00	36.13 1.02 0.00
N.TROY___115KV_TB1 355778	20.81 0.61 0.00	22.17 0.59 0.00	25.81 0.66 0.00	23.85 0.61 0.00	22.22 0.56 0.00	30.20 0.71 0.00	39.69 1.04 0.00	42.60 1.18 0.00	43.56 1.01 0.00	42.13 0.59 0.00	37.04 0.41 0.67	45.07 0.32 0.21	39.61 0.23 0.07	41.62 0.14 0.00	35.98 0.21 0.00	32.79 0.33 0.00	41.90 0.52 0.00	56.07 1.01 0.00	43.23 0.63 0.00	40.08 0.71 0.00	45.60 0.52 0.00	46.62 0.36 0.00	40.28 0.27 0.00	35.41 0.31 0.00
NARROWS_GT1_1 24228	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT1_2 24229	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT1_3 24230	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT1_4 24231	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT1_5 24232	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02

NARROWS_GT1_6 24233	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT1_7 24234	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT1_8 24235	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_1 24236	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_2 24237	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_3 24238	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_4 24239	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_5 24240	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_6 24241	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_7 24242	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NARROWS_GT2_8 24243	21.18 0.98 0.00	22.47 0.90 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.79 0.00	30.64 1.15 0.00	40.73 1.94 -0.15	44.00 2.22 -0.37	45.61 2.33 -0.73	45.05 2.35 -1.16	41.27 2.20 -1.77	48.72 2.38 -1.39	42.38 2.09 -0.85	44.34 2.07 -0.79	38.32 2.06 -0.48	34.78 1.99 -0.33	44.53 2.37 -0.79	58.99 3.07 -0.87	44.55 1.93 -0.03	41.11 1.68 -0.06	46.69 1.25 -0.36	47.61 1.18 -0.17	41.55 1.34 -0.19	36.35 1.23 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.77 0.57 0.00	22.14 0.56 0.00	25.76 0.61 0.00	23.83 0.59 0.00	22.21 0.55 0.00	30.21 0.72 0.00	39.74 1.09 0.00	42.68 1.26 0.00	43.94 1.39 0.00	42.11 0.57 0.00	37.59 0.29 0.00	45.04 0.09 0.00	39.44 -0.01 0.00	41.29 -0.19 0.00	35.62 -0.15 0.00	32.65 0.18 0.00	41.73 0.35 0.00	55.89 0.83 0.00	43.42 0.82 0.00	40.35 0.98 0.00	45.90 0.81 0.00	46.89 0.63 0.00	40.46 0.44 0.00	35.45 0.35 0.00
NCHELSEA_115KV_TR2 355582	21.03 0.83 0.00	22.36 0.79 0.00	25.98 0.82 0.00	23.99 0.76 0.00	22.36 0.71 0.00	30.48 0.99 0.00	40.22 1.57 0.00	43.18 1.76 0.00	44.33 1.78 0.00	43.23 1.69 0.00	39.33 1.55 -0.48	46.77 1.67 -0.15	40.92 1.42 -0.05	42.87 1.39 0.00	37.13 1.36 0.00	33.82 1.36 0.00	43.02 1.65 0.00	57.41 2.36 0.00	44.21 1.61 0.00	40.85 1.47 0.00	46.15 1.06 0.00	47.25 0.99 0.00	40.93 0.91 0.00	35.95 0.85 0.00
NEG CAPITAL___MECHNVIL 23645	21.16 0.96 0.00	22.55 0.98 0.00	26.27 1.12 0.00	24.26 1.02 0.00	22.60 0.95 0.00	30.77 1.28 0.00	40.51 1.86 0.00	43.46 2.04 0.00	44.33 1.78 0.00	42.85 1.32 0.00	37.70 0.97 0.57	45.80 1.02 0.18	40.22 0.83 0.06	42.24 0.77 0.00	36.54 0.77 0.00	33.33 0.87 0.00	42.62 1.25 0.00	57.16 2.11 0.00	44.15 1.56 0.00	40.90 1.53 0.00	46.52 1.44 0.00	47.58 1.31 0.00	41.03 1.01 0.00	36.02 0.92 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.70 -0.50 0.00	21.14 -0.43 0.00	24.63 -0.52 0.00	22.73 -0.51 0.00	21.23 -0.43 0.00	29.08 -0.45 -0.04	38.37 -0.27 0.00	42.68 -0.26 -1.53	44.42 0.00 -1.87	43.76 0.42 -1.80	39.36 0.48 -1.58	52.16 0.93 -6.28	49.82 0.81 -9.56	46.86 0.80 -4.59	38.40 0.57 -2.06	34.87 0.33 -2.08	43.68 0.32 -1.99	58.01 0.24 -2.72	45.15 0.14 -2.40	43.51 -0.12 -4.26	48.72 -0.20 -3.83	54.01 -0.01 -7.76	43.57 0.00 -3.56	36.21 -0.11 -1.22

NEG CENTRAL___DRP 24199	20.19 -0.01 0.00	21.62 0.05 0.00	25.18 0.03 0.00	23.23 -0.01 0.00	21.72 0.07 0.00	29.88 0.30 -0.08	39.40 0.75 0.00	45.49 0.82 -3.26	47.01 0.76 -3.70	49.49 0.79 -7.16	47.21 1.02 -8.89	83.89 1.48 -37.46	59.27 1.15 -18.67	51.29 0.86 -8.95	40.65 0.85 -4.02	37.32 0.80 -4.05	46.30 1.06 -3.87	61.77 1.41 -5.30	48.42 1.13 -4.69	48.51 0.83 -8.30	53.36 0.81 -7.46	62.38 0.99 -15.13	47.80 0.85 -6.93	38.14 0.65 -2.38
NEG CENTRAL___INDECK 23768	20.28 0.08 0.00	21.84 0.27 0.00	25.41 0.25 0.00	23.44 0.20 0.00	21.98 0.32 0.00	30.27 0.74 -0.05	40.13 1.49 0.00	44.57 1.56 -1.59	46.42 1.92 -1.96	45.83 2.41 -1.89	41.21 2.26 -1.65	54.47 2.78 -6.74	51.50 2.04 -10.02	48.45 2.17 -4.80	40.18 2.25 -2.16	36.31 1.68 -2.17	45.19 1.74 -2.07	60.31 2.42 -2.84	47.55 2.45 -2.51	45.90 2.08 -4.44	51.38 2.30 -4.00	57.09 2.73 -8.10	46.10 2.38 -3.71	38.19 1.81 -1.28
NEG CENTRAL___SENECA 23627	20.23 0.03 0.00	21.69 0.12 0.00	25.25 0.10 0.00	23.29 0.05 0.00	21.81 0.15 0.00	30.04 0.48 -0.07	39.66 1.01 0.00	45.47 1.18 -2.87	46.86 1.05 -3.25	45.73 1.10 -3.09	41.45 1.44 -2.71	57.86 1.99 -10.91	57.32 1.48 -16.40	50.51 1.17 -7.86	40.50 1.20 -3.53	37.15 1.13 -3.56	46.20 1.43 -3.40	61.54 1.83 -4.65	48.24 1.52 -4.12	47.79 1.13 -7.29	52.78 1.14 -6.55	60.95 1.41 -13.28	47.33 1.23 -6.09	38.19 0.99 -2.09
NEG CENTRAL___STATE_STREET 24147	20.17 -0.03 0.00	21.58 0.01 0.00	25.14 -0.01 0.00	23.21 -0.03 0.00	21.66 0.01 0.00	29.73 0.15 -0.09	39.12 0.47 0.00	45.25 0.45 -3.38	46.90 0.49 -3.86	49.48 0.48 -7.46	47.08 0.51 -9.26	84.76 0.81 -38.99	59.73 0.76 -19.51	51.38 0.55 -9.35	40.44 0.46 -4.20	37.10 0.40 -4.24	46.04 0.62 -4.05	61.53 0.93 -5.54	48.20 0.70 -4.90	48.57 0.52 -8.68	53.34 0.45 -7.80	62.62 0.54 -15.82	47.70 0.44 -7.25	37.90 0.30 -2.49
NEG MILLWOOD___DRP 24198	21.07 0.87 0.00	22.39 0.82 0.00	26.01 0.86 0.00	24.02 0.78 0.00	22.39 0.73 0.00	30.53 1.05 0.00	40.30 1.65 0.00	43.27 1.85 0.00	44.42 1.87 0.00	43.32 1.78 0.00	39.45 1.65 -0.50	46.87 1.76 -0.15	41.04 1.54 -0.05	42.98 1.51 0.00	37.26 1.49 0.00	33.92 1.46 0.00	43.15 1.78 0.00	57.56 2.50 0.00	44.31 1.71 0.00	40.94 1.56 0.00	46.21 1.13 0.00	47.30 1.04 0.00	40.97 0.96 0.00	36.00 0.89 0.00
NEG NORTH_FLCN_SEA 23793	20.23 0.03 0.00	21.21 -0.36 0.00	24.86 -0.29 0.00	23.02 -0.22 0.00	21.72 0.07 0.00	29.78 0.29 0.00	39.58 0.93 0.00	42.64 1.22 0.00	43.87 1.32 0.00	57.74 1.84 -14.37	61.75 1.48 -22.96	146.06 2.25 -98.85	41.25 1.81 0.00	43.55 2.07 0.00	37.78 2.01 0.00	34.35 1.89 0.00	44.02 2.64 0.00	57.99 2.93 0.00	45.00 2.40 0.00	41.80 2.43 0.00	48.35 3.26 0.00	49.35 3.09 0.00	42.60 2.59 0.00	37.38 2.27 0.00
NEG NORTH_KES_CHATEGAY 23792	20.08 -0.11 0.00	21.18 -0.39 0.00	24.85 -0.30 0.00	22.99 -0.25 0.00	21.64 -0.02 0.00	29.56 0.07 0.00	38.98 0.34 0.00	41.98 0.56 0.00	43.20 0.64 0.00	70.50 1.10 -27.87	82.66 0.81 -44.55	237.98 1.24 -191.78	40.42 0.97 0.00	42.75 1.27 0.00	36.85 1.08 0.00	33.50 1.03 0.00	42.80 1.42 0.00	56.71 1.65 0.00	44.14 1.54 0.00	41.00 1.63 0.00	47.39 2.30 0.00	48.47 2.21 0.00	41.85 1.84 0.00	36.69 1.59 0.00
NEG NORTH___ALICE_FALLS 23915	20.27 0.06 0.00	21.29 -0.28 0.00	24.97 -0.18 0.00	23.11 -0.13 0.00	21.79 0.14 0.00	29.85 0.36 0.00	39.62 0.98 0.00	42.70 1.28 0.00	43.87 1.32 0.00	60.18 1.84 -16.81	65.55 1.38 -26.87	162.73 2.11 -115.66	41.13 1.68 0.00	43.42 1.95 0.00	37.63 1.86 0.00	34.22 1.76 0.00	43.87 2.50 0.00	57.85 2.79 0.00	45.03 2.43 0.00	41.88 2.50 0.00	48.41 3.32 0.00	49.40 3.14 0.00	42.63 2.61 0.00	37.36 2.26 0.00
NEG NORTH___LWR_SARANAC 23913	20.27 0.06 0.00	21.29 -0.28 0.00	24.97 -0.18 0.00	23.11 -0.13 0.00	21.79 0.14 0.00	29.85 0.36 0.00	39.62 0.98 0.00	42.70 1.28 0.00	43.87 1.32 0.00	60.18 1.84 -16.81	65.55 1.38 -26.87	162.73 2.11 -115.66	41.13 1.68 0.00	43.42 1.95 0.00	37.63 1.86 0.00	34.22 1.76 0.00	43.87 2.50 0.00	57.85 2.79 0.00	45.03 2.43 0.00	41.88 2.50 0.00	48.41 3.32 0.00	49.40 3.14 0.00	42.63 2.61 0.00	37.36 2.26 0.00
NEG NORTH___PLATTSBURG 23628	20.27 0.06 0.00	21.30 -0.27 0.00	24.97 -0.18 0.00	23.11 -0.13 0.00	21.79 0.14 0.00	29.85 0.37 0.00	39.62 0.98 0.00	42.70 1.28 0.00	43.87 1.32 0.00	60.18 1.84 -16.81	65.55 1.38 -26.87	162.72 2.11 -115.66	41.13 1.68 0.00	43.42 1.95 0.00	37.63 1.85 0.00	34.22 1.76 0.00	43.87 2.50 0.00	57.84 2.79 0.00	45.03 2.43 0.00	41.88 2.51 0.00	48.41 3.32 0.00	49.40 3.14 0.00	42.63 2.62 0.00	37.36 2.26 0.00
NEG WEST_LEA_LOCKPORT 23791	19.56 -0.64 0.00	21.25 -0.32 0.00	24.75 -0.40 0.00	22.80 -0.44 0.00	21.30 -0.36 0.00	29.31 -0.22 -0.04	38.54 -0.11 0.00	42.42 -0.38 -1.38	44.77 0.52 -1.70	44.61 1.43 -1.64	40.29 1.55 -1.44	53.96 2.53 -6.46	50.29 2.12 -8.72	47.76 2.10 -4.18	39.26 1.61 -1.88	35.33 0.97 -1.90	43.88 0.70 -1.81	57.25 -0.28 -2.48	44.50 -0.29 -2.20	42.53 -0.72 -3.88	48.05 -0.52 -3.49	53.53 0.20 -7.07	43.78 0.53 -3.24	36.81 0.59 -1.11
NEG WEST___LANCASTR 23811	19.58 -0.62 0.00	21.22 -0.34 0.00	24.72 -0.43 0.00	22.74 -0.49 0.00	21.27 -0.38 0.00	29.27 -0.26 -0.04	38.64 0.00 0.00	42.67 -0.20 -1.46	44.91 0.59 -1.76	44.55 1.32 -1.70	40.14 1.35 -1.49	53.83 2.40 -6.48	50.37 1.90 -9.02	47.58 1.78 -4.33	39.14 1.43 -1.94	35.31 0.87 -1.97	44.11 0.87 -1.88	57.72 0.10 -2.57	44.83 -0.05 -2.28	42.78 -0.62 -4.03	48.28 -0.42 -3.62	53.87 0.28 -7.34	43.92 0.55 -3.36	36.72 0.46 -1.15
NEG_PENN_ALLEGHNY 23528	20.13 -0.07 0.00	21.56 -0.01 0.00	25.13 -0.02 0.00	23.16 -0.08 0.00	21.63 -0.03 0.00	29.66 0.13 -0.05	39.09 0.45 0.00	43.67 0.42 -1.84	45.21 0.51 -2.15	44.16 0.57 -2.06	39.73 0.63 -1.80	53.19 0.89 -7.35	51.06 0.69 -10.92	47.28 0.57 -5.23	38.64 0.51 -2.35	35.20 0.37 -2.37	44.21 0.58 -2.26	58.81 0.66 -3.10	45.79 0.45 -2.74	44.41 0.18 -4.85	49.55 0.10 -4.36	55.44 0.33 -8.84	44.39 0.32 -4.05	36.67 0.18 -1.39
NEG___GEN_MONROE 24207	20.29 0.08 0.00	21.77 0.20 0.00	25.40 0.24 0.00	23.41 0.17 0.00	21.86 0.20 0.00	30.01 0.48 -0.04	39.68 1.04 0.00	43.72 1.02 -1.28	45.63 1.43 -1.65	45.38 2.23 -1.61	41.03 2.32 -1.41	54.80 3.09 -6.76	50.68 2.68 -8.56	48.34 2.76 -4.10	39.85 2.23 -1.84	35.93 1.60 -1.86	44.83 1.68 -1.78	59.34 1.85 -2.43	46.14 1.39 -2.15	44.14 0.96 -3.81	49.64 1.13 -3.42	54.72 1.52 -6.94	44.57 1.37 -3.18	37.46 1.26 -1.09
NEPA___ENERGY 23901	19.40 -0.80 0.00	20.97 -0.60 0.00	24.42 -0.73 0.00	22.41 -0.83 0.00	21.05 -0.61 0.00	29.04 -0.49 -0.04	38.30 -0.35 0.00	42.15 -0.72 -1.45	44.28 -0.02 -1.75	43.83 0.59 -1.69	39.65 0.87 -1.48	53.20 1.80 -6.45	49.79 1.35 -8.99	46.96 1.18 -4.31	38.82 1.11 -1.94	35.07 0.63 -1.97	44.03 0.78 -1.88	57.54 -0.10 -2.58	44.66 -0.22 -2.28	42.52 -0.89 -4.04	47.99 -0.72 -3.63	53.70 0.08 -7.36	43.80 0.42 -3.37	36.52 0.26 -1.16

NEVERSINK___HYD 23608	20.55 0.35 0.00	21.85 0.28 0.00	25.40 0.25 0.00	23.45 0.21 0.00	21.84 0.18 0.00	29.81 0.33 0.00	39.35 0.71 0.00	42.24 0.82 0.00	43.37 0.81 0.00	42.31 0.77 0.00	38.35 0.69 -0.36	45.68 0.62 -0.11	39.98 0.50 -0.04	41.85 0.37 0.00	36.19 0.42 0.00	32.96 0.49 0.00	42.00 0.63 0.00	56.10 1.05 0.00	43.32 0.72 0.00	40.06 0.68 0.00	45.31 0.22 0.00	46.41 0.15 0.00	40.19 0.17 0.00	35.27 0.17 0.00
NEWKRMKL_115KV_TB1 55635	20.44 0.24 0.00	21.77 0.20 0.00	25.33 0.18 0.00	23.43 0.19 0.00	21.83 0.17 0.00	29.63 0.14 0.00	38.91 0.26 0.00	41.76 0.34 0.00	42.75 0.20 0.00	41.45 -0.09 0.00	36.75 -0.14 0.41	44.50 -0.33 0.13	39.10 -0.30 0.04	41.10 -0.37 0.00	35.57 -0.20 0.00	32.45 -0.01 0.00	41.32 -0.05 0.00	55.18 0.12 0.00	42.53 -0.07 0.00	39.41 0.04 0.00	44.79 -0.30 0.00	45.82 -0.44 0.00	39.61 -0.41 0.00	34.79 -0.31 0.00
NEWTON___FALLS_HYD 23847	20.15 -0.05 0.00	21.62 0.05 0.00	25.32 0.17 0.00	23.39 0.16 0.00	21.85 0.19 0.00	29.71 0.19 -0.03	39.28 0.63 0.00	43.49 1.11 -0.96	44.85 1.18 -1.12	171.06 0.77 -128.76	243.06 0.72 -205.03	928.32 0.97 -882.39	46.13 1.02 -5.66	45.39 1.20 -2.71	37.97 0.98 -1.22	34.52 0.82 -1.23	43.45 0.90 -1.17	58.00 1.34 -1.61	45.31 1.29 -1.42	43.16 1.27 -2.51	48.72 1.37 -2.26	52.36 1.51 -4.58	43.46 1.35 -2.10	36.96 1.14 -0.72
NGRID_A1_DSASP 323792	19.45 -0.75 0.00	21.16 -0.41 0.00	24.66 -0.49 0.00	22.73 -0.51 0.00	21.24 -0.41 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.23 -0.57 -1.38	44.56 0.33 -1.68	44.48 1.31 -1.63	40.04 1.31 -1.43	53.23 2.04 -6.24	49.56 1.51 -8.61	47.12 1.51 -4.13	38.86 1.23 -1.86	34.92 0.57 -1.88	43.47 0.30 -1.80	56.25 -1.27 -2.46	43.66 -1.12 -2.18	41.65 -1.58 -3.85	47.07 -1.48 -3.47	52.53 -0.76 -7.02	43.21 -0.02 -3.22	36.50 0.29 -1.11
NGRID_A2_DSASP 323793	19.45 -0.75 0.00	21.16 -0.41 0.00	24.66 -0.49 0.00	22.73 -0.51 0.00	21.24 -0.41 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.23 -0.57 -1.38	44.56 0.33 -1.68	44.48 1.31 -1.63	40.04 1.31 -1.43	53.23 2.04 -6.24	49.56 1.51 -8.61	47.12 1.51 -4.13	38.86 1.23 -1.86	34.92 0.57 -1.88	43.47 0.30 -1.80	56.25 -1.27 -2.46	43.66 -1.12 -2.18	41.65 -1.58 -3.85	47.07 -1.48 -3.47	52.53 -0.76 -7.02	43.21 -0.02 -3.22	36.50 0.29 -1.11
NGRID_A4_DSASP 323807	19.45 -0.75 0.00	21.16 -0.41 0.00	24.66 -0.49 0.00	22.73 -0.51 0.00	21.24 -0.41 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.23 -0.57 -1.38	44.56 0.33 -1.68	44.48 1.31 -1.63	40.04 1.31 -1.43	53.23 2.04 -6.24	49.56 1.51 -8.61	47.12 1.51 -4.13	38.86 1.23 -1.86	34.92 0.57 -1.88	43.47 0.30 -1.80	56.25 -1.27 -2.46	43.66 -1.12 -2.18	41.65 -1.58 -3.85	47.07 -1.48 -3.47	52.53 -0.76 -7.02	43.21 -0.02 -3.22	36.50 0.29 -1.11
NIAGARA_115E_LBMP 323715	19.29 -0.91 0.00	20.99 -0.58 0.00	24.44 -0.71 0.00	22.52 -0.72 0.00	21.07 -0.58 0.00	28.93 -0.59 -0.04	37.99 -0.66 0.00	41.80 -1.00 -1.38	44.13 -0.12 -1.69	44.02 0.85 -1.64	39.83 1.10 -1.44	53.23 1.89 -6.38	49.70 1.55 -8.70	47.17 1.52 -4.17	38.79 1.15 -1.88	34.92 0.56 -1.90	43.26 0.08 -1.81	56.31 -1.22 -2.48	43.76 -1.03 -2.20	41.83 -1.42 -3.88	47.26 -1.31 -3.48	52.75 -0.58 -7.06	43.12 -0.13 -3.24	36.32 0.10 -1.11
NIAGARA_115W_LBMP 323714	19.43 -0.77 0.00	21.13 -0.44 0.00	24.64 -0.52 0.00	22.70 -0.54 0.00	21.22 -0.44 0.00	29.09 -0.43 -0.04	38.30 -0.35 0.00	42.16 -0.63 -1.38	44.49 0.25 -1.68	44.41 1.24 -1.63	39.98 1.25 -1.43	53.12 1.94 -6.23	49.44 1.40 -8.60	47.00 1.40 -4.13	38.77 1.14 -1.86	34.84 0.50 -1.88	43.39 0.22 -1.80	56.10 -1.42 -2.46	43.55 -1.23 -2.18	41.55 -1.67 -3.85	46.95 -1.60 -3.46	52.40 -0.89 -7.02	43.13 -0.10 -3.22	36.43 0.23 -1.11
NIAGARA_230_LBMP 323716	19.47 -0.73 0.00	21.16 -0.40 0.00	24.67 -0.48 0.00	22.73 -0.51 0.00	21.25 -0.40 0.00	29.14 -0.39 -0.04	38.35 -0.30 0.00	42.21 -0.57 -1.36	44.51 0.29 -1.67	44.38 1.23 -1.62	40.01 1.29 -1.42	53.49 2.33 -6.21	49.93 1.91 -8.58	47.43 1.84 -4.11	38.97 1.35 -1.85	35.05 0.72 -1.87	43.61 0.45 -1.78	56.76 -0.74 -2.44	44.08 -0.68 -2.16	42.06 -1.14 -3.83	47.53 -1.00 -3.44	53.01 -0.22 -6.97	43.43 0.22 -3.19	36.50 0.30 -1.10
NIAGARA___115KV_198_GIBSON 55903	19.43 -0.78 0.00	21.13 -0.44 0.00	24.64 -0.52 0.00	22.70 -0.54 0.00	21.18 -0.48 0.00	29.09 -0.43 -0.04	38.30 -0.35 0.00	42.17 -0.62 -1.38	44.50 0.26 -1.68	44.40 1.23 -1.63	39.98 1.26 -1.43	53.17 1.99 -6.23	49.52 1.47 -8.60	47.03 1.43 -4.13	38.77 1.14 -1.86	34.84 0.50 -1.88	43.34 0.17 -1.80	56.10 -1.42 -2.46	43.56 -1.22 -2.18	41.56 -1.67 -3.85	46.96 -1.59 -3.46	52.41 -0.88 -7.02	43.13 -0.10 -3.22	36.44 0.23 -1.11
NIAGARA____ 23760	19.47 -0.73 0.00	21.16 -0.40 0.00	24.67 -0.48 0.00	22.73 -0.51 0.00	21.25 -0.40 0.00	29.14 -0.39 -0.04	38.35 -0.30 0.00	42.22 -0.57 -1.37	44.53 0.29 -1.68	44.39 1.23 -1.63	40.02 1.29 -1.42	53.57 2.33 -6.29	50.00 1.91 -8.65	47.46 1.84 -4.14	38.99 1.35 -1.86	35.06 0.72 -1.88	43.62 0.45 -1.79	56.77 -0.74 -2.46	44.09 -0.68 -2.18	42.08 -1.14 -3.85	47.55 -1.00 -3.46	53.06 -0.22 -7.02	43.46 0.22 -3.22	36.52 0.30 -1.11
NINE_MILE_1 23575	19.59 -0.61 0.00	20.93 -0.64 0.00	24.40 -0.75 0.00	22.54 -0.70 0.00	21.01 -0.64 0.00	28.12 -0.83 0.53	37.70 -0.95 0.00	20.69 -1.01 19.72	18.51 -0.99 23.04	18.54 -0.94 22.06	17.18 -0.80 19.32	-33.82 -0.89 77.89	-78.34 -0.75 117.04	-15.45 -0.84 56.09	9.83 -0.74 25.20	6.33 -0.71 25.42	16.20 -0.92 24.26	20.64 -1.19 33.23	12.24 -0.95 29.40	-13.63 -0.95 52.05	-2.90 -1.18 46.80	-49.77 -1.17 94.86	-4.50 -1.04 43.47	19.22 -0.95 14.93
NINE_MILE_2 23744	19.59 -0.61 0.00	20.93 -0.64 0.00	24.40 -0.75 0.00	22.54 -0.70 0.00	21.01 -0.64 0.00	28.11 -0.83 0.54	37.70 -0.95 0.00	20.35 -1.01 20.06	18.12 -1.00 23.44	18.16 -0.94 22.44	16.85 -0.80 19.65	-35.15 -0.89 79.21	-80.33 -0.75 119.03	-16.42 -0.85 57.05	9.40 -0.75 25.63	5.90 -0.71 25.86	15.78 -0.92 24.67	20.07 -1.19 33.79	11.74 -0.95 29.91	-14.52 -0.95 52.94	-3.70 -1.18 47.60	-51.39 -1.17 96.48	-5.24 -1.04 44.21	18.96 -0.96 15.18
NM_CAPITAL___DRP 24208	20.48 0.28 0.00	21.81 0.24 0.00	25.38 0.23 0.00	23.47 0.24 0.00	21.86 0.21 0.00	29.67 0.18 0.00	38.95 0.30 0.00	41.81 0.39 0.00	42.79 0.24 0.00	41.50 -0.04 0.00	36.75 -0.10 0.45	44.53 -0.28 0.14	39.14 -0.26 0.05	41.14 -0.34 0.00	35.59 -0.19 0.00	32.44 -0.02 0.00	41.33 -0.04 0.00	55.18 0.12 0.00	42.53 -0.07 0.00	39.42 0.04 0.00	44.79 -0.29 0.00	45.83 -0.43 0.00	39.61 -0.40 0.00	34.83 -0.28 0.00
NM_CENTRAL___DRP 24181	20.00 -0.20 0.00	21.38 -0.19 0.00	24.91 -0.25 0.00	23.00 -0.24 0.00	21.44 -0.21 0.00	29.35 -0.20 -0.07	38.60 -0.05 0.00	43.88 -0.03 -2.49	45.42 -0.01 -2.88	49.93 0.04 -8.36	48.79 0.12 -11.37	93.54 0.28 -48.30	54.31 0.29 -14.58	48.64 0.17 -6.99	39.00 0.09 -3.14	35.68 0.05 -3.17	44.49 0.10 -3.02	59.35 0.16 -4.14	46.31 0.05 -3.66	45.78 -0.08 -6.48	50.67 -0.24 -5.83	57.89 -0.19 -11.82	45.23 -0.20 -5.41	36.71 -0.25 -1.86

NM_FRONTIER___DRP 24179	19.43 -0.78 0.00	21.13 -0.44 0.00	24.64 -0.52 0.00	22.70 -0.54 0.00	21.18 -0.48 0.00	29.09 -0.43 -0.04	38.30 -0.35 0.00	42.17 -0.62 -1.38	44.50 0.26 -1.68	44.40 1.23 -1.63	39.98 1.26 -1.43	53.17 1.99 -6.23	49.52 1.47 -8.60	47.03 1.43 -4.13	38.77 1.14 -1.86	34.84 0.50 -1.88	43.34 0.17 -1.80	56.10 -1.42 -2.46	43.56 -1.22 -2.18	41.56 -1.67 -3.85	46.96 -1.59 -3.46	52.41 -0.88 -7.02	43.13 -0.10 -3.22	36.44 0.23 -1.11
NM_ST_REGIS___HYD 24053	20.31 0.10 0.00	21.65 0.09 0.00	25.36 0.21 0.00	23.45 0.21 0.00	21.93 0.27 0.00	29.84 0.34 -0.02	39.20 0.55 0.00	42.72 0.83 -0.47	43.98 0.89 -0.54	206.35 1.07 -163.75	299.44 0.78 -261.36	1171.24 1.27 -1125.01	43.20 1.00 -2.75	44.08 1.28 -1.31	37.22 0.86 -0.59	33.76 0.70 -0.60	42.76 0.82 -0.57	56.76 0.92 -0.78	44.35 1.06 -0.69	41.77 1.18 -1.22	47.91 1.73 -1.10	50.14 1.65 -2.23	42.55 1.51 -1.02	36.88 1.42 -0.35
NORTHPORT___1 23551	20.85 0.65 0.00	22.10 0.53 0.00	25.57 0.41 0.00	23.68 0.44 0.00	22.11 0.46 0.00	30.19 0.71 0.00	39.71 1.07 0.00	42.46 1.04 0.00	43.67 1.12 0.00	42.76 1.23 0.00	39.21 1.41 -0.50	45.65 0.54 -0.16	40.49 0.98 -0.05	42.15 0.67 0.00	36.76 0.99 0.00	33.48 1.02 0.00	41.97 0.60 0.00	55.96 0.90 0.00	43.14 0.54 0.00	39.87 0.49 0.00	44.62 -0.46 0.00	45.17 -0.61 0.48	38.77 -0.41 0.84	35.15 0.04 0.00
NORTHPORT___2 23552	20.85 0.65 0.00	22.10 0.53 0.00	25.57 0.41 0.00	23.68 0.44 0.00	22.11 0.46 0.00	30.19 0.71 0.00	39.71 1.07 0.00	42.46 1.04 0.00	43.67 1.12 0.00	42.76 1.23 0.00	39.21 1.41 -0.50	45.65 0.54 -0.16	40.49 0.98 -0.05	42.15 0.67 0.00	36.76 0.99 0.00	33.48 1.02 0.00	41.97 0.60 0.00	55.96 0.90 0.00	43.14 0.54 0.00	39.87 0.49 0.00	44.62 -0.46 0.00	45.17 -0.61 0.48	38.77 -0.41 0.84	35.15 0.04 0.00
NORTHPORT___3 23553	20.82 0.63 0.00	22.10 0.52 0.00	25.57 0.41 0.00	23.66 0.42 0.00	22.09 0.44 0.00	30.16 0.68 0.00	39.61 0.96 0.00	42.20 0.78 0.00	43.45 0.90 0.00	42.66 1.12 0.00	39.21 1.41 -0.50	45.57 0.46 -0.16	40.49 0.99 -0.05	42.15 0.67 0.00	36.74 0.97 0.00	33.44 0.98 0.00	41.93 0.55 0.00	55.91 0.85 0.00	43.09 0.48 0.00	39.82 0.45 0.00	44.60 -0.49 0.00	45.14 -0.65 0.47	38.76 -0.43 0.83	35.14 0.04 0.00
NORTHPORT___4 23650	20.82 0.63 0.00	22.10 0.52 0.00	25.57 0.41 0.00	23.66 0.42 0.00	22.09 0.44 0.00	30.16 0.68 0.00	39.61 0.96 0.00	42.20 0.78 0.00	43.45 0.90 0.00	42.66 1.12 0.00	39.21 1.41 -0.50	45.57 0.46 -0.16	40.49 0.99 -0.05	42.15 0.67 0.00	36.74 0.97 0.00	33.44 0.98 0.00	41.93 0.55 0.00	55.91 0.85 0.00	43.09 0.48 0.00	39.82 0.45 0.00	44.60 -0.49 0.00	45.14 -0.65 0.47	38.76 -0.43 0.83	35.14 0.04 0.00
NORTHPORT___IC 23718	20.85 0.65 0.00	22.10 0.53 0.00	25.57 0.42 0.00	23.68 0.44 0.00	22.13 0.47 0.00	30.19 0.71 0.00	39.72 1.07 0.00	42.45 1.03 0.00	43.67 1.11 0.00	42.76 1.22 0.00	39.24 1.43 -0.50	45.64 0.53 -0.16	40.47 0.96 -0.05	42.16 0.68 0.00	36.76 0.99 0.00	33.48 1.02 0.00	41.98 0.61 0.00	55.96 0.90 0.00	43.13 0.54 0.00	39.87 0.49 0.00	44.62 -0.46 0.00	45.17 -0.61 0.48	38.77 -0.41 0.84	35.15 0.04 0.00
NORTH___COUNTRY_ESR 323785	20.04 -0.16 0.00	21.16 -0.41 0.00	24.81 -0.34 0.00	22.96 -0.28 0.00	21.60 -0.06 0.00	29.49 0.00 0.00	38.87 0.22 0.00	41.83 0.41 0.00	43.16 0.60 0.00	70.72 1.01 -28.17	83.10 0.78 -45.02	239.99 1.23 -193.81	40.41 0.96 0.00	42.68 1.20 0.00	36.81 1.04 0.00	33.42 0.96 0.00	42.72 1.34 0.00	56.50 1.44 0.00	43.97 1.37 0.00	40.84 1.47 0.00	47.22 2.14 0.00	48.29 2.02 0.00	41.72 1.71 0.00	36.55 1.45 0.00
NPX_GEN_1385_PROXY 323591	20.21 0.65 0.63	22.10 0.53 0.00	25.57 0.41 0.00	23.68 0.44 0.00	22.11 0.46 0.00	30.19 0.71 0.00	39.71 1.07 0.00	42.46 1.04 0.00	43.67 1.12 0.00	42.76 1.23 0.00	39.21 1.41 -0.50	45.65 0.54 -0.16	40.49 0.98 -0.05	42.15 0.67 0.00	36.76 0.99 0.00	33.48 1.02 0.00	41.97 0.60 0.00	55.96 0.90 0.00	43.14 0.54 0.00	37.10 0.49 2.76	44.62 -0.46 0.00	45.17 -0.61 0.48	38.77 -0.41 0.84	35.15 0.04 0.00
NPX_GEN_CSC 323557	19.99 0.42 0.63	21.84 0.27 0.00	25.24 0.09 0.00	23.41 0.17 0.00	21.88 0.23 0.00	29.88 0.39 0.00	39.35 0.70 0.00	42.10 0.68 0.00	43.27 0.72 0.00	42.29 0.76 0.00	38.73 0.92 -0.50	44.99 -0.12 -0.16	39.89 0.39 -0.05	41.51 0.03 0.00	36.33 0.56 0.00	33.13 0.66 0.00	41.69 0.31 0.00	55.71 0.66 0.00	43.01 0.41 0.00	37.02 0.41 2.76	44.44 -0.64 0.00	44.94 -0.85 0.47	38.51 -0.68 0.82	34.79 -0.32 0.00
NSINS_S_GLNS_FALLS 23858	21.56 1.36 0.00	22.96 1.40 0.00	26.72 1.57 0.00	24.68 1.45 0.00	23.01 1.35 0.00	31.33 1.84 0.00	41.31 2.67 0.00	44.25 2.83 0.00	44.98 2.43 0.00	43.40 1.86 0.00	38.17 1.37 0.50	46.23 1.43 0.15	40.47 1.08 0.05	42.41 0.93 0.00	36.58 0.81 0.00	33.33 0.87 0.00	42.63 1.25 0.00	57.44 2.39 0.00	44.44 1.84 0.00	41.22 1.85 0.00	46.93 1.85 0.00	47.90 1.64 0.00	41.21 1.20 0.00	36.18 1.08 0.00
NUCOR_STEEL___DRP 24197	20.15 -0.05 0.00	21.55 -0.01 0.00	25.12 -0.04 0.00	23.18 -0.05 0.00	21.63 -0.02 0.00	29.68 0.10 -0.09	39.04 0.40 0.00	45.21 0.34 -3.45	46.91 0.41 -3.95	49.54 0.40 -7.60	47.15 0.42 -9.43	85.35 0.68 -39.72	60.07 0.67 -19.95	51.52 0.48 -9.56	40.46 0.39 -4.29	37.12 0.32 -4.33	46.04 0.53 -4.14	61.53 0.81 -5.66	48.20 0.59 -5.01	48.67 0.42 -8.87	53.41 0.35 -7.98	62.86 0.43 -16.17	47.77 0.35 -7.41	37.86 0.21 -2.55
NUMBER_THREE_WT_PWR 323818	19.95 -0.25 0.00	21.47 -0.10 0.00	25.17 0.02 0.00	23.27 0.03 0.00	21.75 0.09 0.00	29.50 -0.03 -0.04	39.34 0.69 0.00	43.97 1.37 -1.19	45.35 1.43 -1.38	99.27 0.57 -57.16	128.43 0.72 -90.42	434.66 0.79 -388.92	47.49 1.06 -6.99	46.01 1.18 -3.35	38.47 1.20 -1.51	35.08 1.10 -1.52	44.22 1.40 -1.45	59.23 2.19 -1.98	46.18 1.83 -1.76	44.16 1.68 -3.11	49.26 1.38 -2.79	53.45 1.53 -5.66	43.92 1.31 -2.59	36.92 0.92 -0.89
NYISO_LBMP_REFERENCE 24008	20.20 0.00 0.00	21.57 0.00 0.00	25.15 0.00 0.00	23.24 0.00 0.00	21.66 0.00 0.00	29.49 0.00 0.00	38.64 0.00 0.00	41.42 0.00 0.00	42.55 0.00 0.00	41.53 0.00 0.00	37.30 0.00 0.00	44.95 0.00 0.00	39.45 0.00 0.00	41.48 0.00 0.00	35.77 0.00 0.00	32.46 0.00 0.00	41.37 0.00 0.00	55.06 0.00 0.00	42.60 0.00 0.00	39.37 0.00 0.00	45.08 0.00 0.00	46.26 0.00 0.00	40.01 0.00 0.00	35.11 0.00 0.00
NYPA_BRENTWD____GT 24164	20.99 0.79 0.00	22.25 0.68 0.00	25.73 0.58 0.00	23.83 0.59 0.00	22.26 0.60 0.00	30.42 0.93 0.00	40.06 1.41 0.00	42.85 1.44 0.00	44.08 1.53 0.00	43.13 1.59 0.00	39.52 1.71 -0.50	46.02 0.91 -0.16	40.79 1.29 -0.05	42.49 1.01 0.00	37.10 1.32 0.00	33.82 1.35 0.00	42.52 1.14 0.00	56.78 1.72 0.00	43.78 1.18 0.00	40.45 1.08 0.00	45.14 0.05 0.00	45.83 0.03 0.46	39.33 0.12 0.80	35.53 0.42 0.00

NYPA_GOWANUS____GT5 24156	21.18	22.47	26.05	24.11	22.45	30.64	40.73	44.00	45.61	45.05	41.27	48.72	42.38	44.34	38.32	34.78	44.53	58.99	44.54	41.10	46.69	47.61	41.55	36.35
	0.98	0.90	0.90	0.87	0.79	1.15	1.94	2.22	2.33	2.35	2.20	2.38	2.09	2.07	2.06	1.99	2.37	3.06	1.91	1.66	1.24	1.18	1.34	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.73	-1.16	-1.77	-1.39	-0.85	-0.79	-0.48	-0.33	-0.79	-0.87	-0.03	-0.06	-0.36	-0.17	-0.19	-0.02
NYPA_GOWANUS____GT6 24157	21.18	22.47	26.05	24.11	22.45	30.64	40.73	44.00	45.61	45.05	41.27	48.72	42.38	44.34	38.32	34.78	44.53	58.99	44.54	41.10	46.69	47.61	41.55	36.35
	0.98	0.90	0.90	0.87	0.79	1.15	1.94	2.22	2.33	2.35	2.20	2.38	2.09	2.07	2.06	1.99	2.37	3.06	1.91	1.66	1.24	1.18	1.34	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.73	-1.16	-1.77	-1.39	-0.85	-0.79	-0.48	-0.33	-0.79	-0.87	-0.03	-0.06	-0.36	-0.17	-0.19	-0.02
NYPA_HARLEM__RVR__GT1 24160	21.08	22.37	25.93	23.98	22.34	30.49	40.34	43.28	44.50	43.49	39.62	47.05	41.20	43.12	37.47	34.13	43.33	57.51	44.15	40.75	45.97	47.15	41.02	36.11
	0.88	0.80	0.78	0.74	0.69	1.01	1.70	1.86	1.95	1.94	1.81	1.93	1.69	1.64	1.69	1.66	1.95	2.45	1.55	1.38	0.88	0.88	1.01	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.51	-0.17	-0.06	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	21.08	22.37	25.93	23.98	22.34	30.49	40.34	43.28	44.50	43.49	39.62	47.05	41.20	43.12	37.47	34.13	43.33	57.51	44.15	40.75	45.97	47.15	41.02	36.11
	0.88	0.80	0.78	0.74	0.69	1.01	1.70	1.86	1.95	1.94	1.81	1.93	1.69	1.64	1.69	1.66	1.95	2.45	1.55	1.38	0.88	0.88	1.01	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.51	-0.17	-0.06	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	21.16	22.46	26.04	24.08	22.44	30.60	40.58	43.74	45.18	44.46	40.66	48.10	41.95	43.90	38.02	34.56	44.10	58.48	44.44	41.00	46.43	47.44	41.35	36.27
	0.96	0.89	0.88	0.84	0.79	1.12	1.84	2.10	2.19	2.22	2.09	2.25	1.97	1.94	1.95	1.89	2.25	2.90	1.83	1.58	1.13	1.08	1.22	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.22	-0.44	-0.70	-1.27	-0.90	-0.54	-0.48	-0.29	-0.20	-0.48	-0.52	-0.02	-0.04	-0.22	-0.10	-0.12	-0.02
NYPA_POUCH1____GT 24155	21.26	21.95	25.14	22.69	22.31	30.09	32.65	35.40	30.32	22.11	16.23	24.37	26.41	28.27	28.69	28.21	28.66	37.04	37.34	36.83	36.46	40.85	37.55	35.75
	1.06	0.95	0.92	0.89	0.79	1.13	1.94	2.23	2.34	2.35	2.20	2.34	2.06	2.03	2.04	1.94	2.31	3.00	1.87	1.68	1.26	1.20	1.35	1.23
	0.00	0.57	0.94	1.43	0.13	0.53	7.93	8.25	14.57	21.78	23.27	22.92	15.09	15.23	9.13	6.20	15.02	21.01	7.13	4.22	9.89	6.61	3.81	0.58
NYPA_VERNON____GT2 24162	21.13	22.43	26.02	24.06	22.43	30.58	40.43	43.48	44.76	43.87	40.04	47.48	41.52	43.46	37.71	34.34	43.68	58.00	44.37	40.92	46.20	47.30	41.17	36.19
	0.93	0.87	0.87	0.82	0.77	1.10	1.76	1.98	2.06	2.09	1.96	2.11	1.85	1.81	1.83	1.80	2.13	2.76	1.77	1.54	1.04	1.00	1.11	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.08	-0.15	-0.24	-0.77	-0.42	-0.23	-0.17	-0.10	-0.07	-0.17	-0.18	-0.01	-0.01	-0.07	-0.04	-0.04	-0.01
NYPA_VERNON____GT3 24163	21.13	22.43	26.02	24.06	22.43	30.58	40.43	43.48	44.76	43.87	40.04	47.48	41.52	43.46	37.71	34.34	43.68	58.00	44.37	40.92	46.20	47.30	41.17	36.19
	0.93	0.87	0.87	0.82	0.77	1.10	1.76	1.98	2.06	2.09	1.96	2.11	1.85	1.81	1.83	1.80	2.13	2.76	1.77	1.54	1.04	1.00	1.11	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.08	-0.15	-0.24	-0.77	-0.42	-0.23	-0.17	-0.10	-0.07	-0.17	-0.18	-0.01	-0.01	-0.07	-0.04	-0.04	-0.01
NYPA__ASTORIA_CC1 323568	21.11	22.41	25.98	24.03	22.40	30.53	40.33	43.32	44.53	43.54	39.69	47.13	41.28	43.21	37.54	34.20	43.43	57.70	44.30	40.85	46.07	47.20	41.05	36.12
	0.91	0.84	0.83	0.79	0.74	1.05	1.69	1.90	1.98	2.00	1.88	2.01	1.77	1.73	1.76	1.73	2.04	2.64	1.69	1.48	0.98	0.94	1.04	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.51	-0.17	-0.06	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	21.11	22.41	25.98	24.03	22.40	30.53	40.33	43.32	44.53	43.54	39.69	47.13	41.28	43.21	37.54	34.20	43.43	57.70	44.30	40.85	46.07	47.20	41.05	36.12
	0.91	0.84	0.83	0.79	0.74	1.05	1.69	1.90	1.98	2.00	1.88	2.01	1.77	1.73	1.76	1.73	2.04	2.64	1.69	1.48	0.98	0.94	1.04	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.51	-0.17	-0.06	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	20.78	22.01	25.45	23.59	22.04	30.09	39.61	42.39	43.57	42.63	39.05	45.41	40.26	41.88	36.59	33.36	41.96	56.02	43.22	39.96	44.67	45.20	38.77	35.04
	0.58	0.44	0.30	0.35	0.38	0.60	0.96	0.97	1.02	1.09	1.24	0.30	0.76	0.40	0.82	0.89	0.59	0.96	0.62	0.58	-0.41	-0.59	-0.42	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.16	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.82	0.00
NYPA__HELLGATE_GT1 24158	21.08	22.37	25.93	23.98	22.34	30.49	40.33	43.28	44.50	43.49	39.62	47.05	41.20	43.12	37.47	34.13	43.33	57.53	44.15	40.75	45.97	47.15	41.02	36.11
	0.88	0.80	0.78	0.74	0.69	1.01	1.68	1.86	1.95	1.94	1.81	1.93	1.69	1.64	1.69	1.66	1.95	2.47	1.55	1.38	0.88	0.88	1.01	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.51	-0.17	-0.06	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	21.08	22.37	25.93	23.98	22.34	30.49	40.33	43.28	44.50	43.49	39.62	47.05	41.20	43.12	37.47	34.13	43.33	57.53	44.15	40.75	45.97	47.15	41.02	36.11
	0.88	0.80	0.78	0.74	0.69	1.01	1.68	1.86	1.95	1.94	1.81	1.93	1.69	1.64	1.69	1.66	1.95	2.47	1.55	1.38	0.88	0.88	1.01	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.51	-0.17	-0.06	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	19.56	21.25	24.75	22.80	21.34	29.31	38.55	42.42	44.79	44.65	40.33	53.95	50.25	47.76	39.30	35.34	43.88	57.25	44.50	42.54	48.05	53.52	43.78	36.83
	-0.64	-0.31	-0.40	-0.44	-0.31	-0.21	-0.10	-0.38	0.55	1.47	1.59	2.51	2.10	2.11	1.65	0.98	0.69	-0.29	-0.29	-0.71	-0.52	0.20	0.53	0.61
	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.38	-1.69	-1.64	-1.44	-6.48	-8.71	-4.17	-1.88	-1.90	-1.81	-2.48	-2.19	-3.88	-3.48	-7.06	-3.24	-1.11
OAK ORCHARD__HYD 24046	20.09	21.60	25.16	23.20	21.67	29.69	39.20	43.31	45.24	44.67	40.21	52.67	49.87	47.52	39.18	35.43	44.41	58.86	45.78	43.82	49.25	54.23	44.14	36.93
	-0.11	0.03	0.01	-0.04	0.01	0.17	0.55	0.61	1.03	1.52	1.50	2.18	1.87	1.95	1.57	1.11	1.26	1.38	1.03	0.64	0.74	1.03	0.95	0.73
	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.28	-1.65	-1.61	-1.41	-5.54	-8.55	-4.09	-1.84	-1.86	-1.77	-2.43	-2.15	-3.81	-3.42	-6.94	-3.18	-1.09

OAKDALE___35_KV_LOAD 356122	20.05 -0.15 0.00	21.47 -0.09 0.00	25.03 -0.12 0.00	23.07 -0.17 0.00	21.54 -0.12 0.00	29.53 -0.01 -0.05	38.90 0.26 0.00	43.46 0.22 -1.82	44.99 0.31 -2.13	43.95 0.38 -2.04	39.53 0.44 -1.78	52.90 0.66 -7.28	50.75 0.50 -10.81	47.02 0.36 -5.18	38.44 0.34 -2.33	35.03 0.22 -2.35	43.97 0.36 -2.24	58.46 0.34 -3.07	45.52 0.21 -2.71	44.14 -0.04 -4.80	49.25 -0.15 -4.32	55.10 0.09 -8.75	44.15 0.13 -4.01	36.51 0.03 -1.38
OCC_CHEM___DRP 24175	19.45 -0.75 0.00	21.16 -0.41 0.00	24.67 -0.49 0.00	22.72 -0.51 0.00	21.21 -0.45 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.24 -0.56 -1.38	44.56 0.33 -1.68	44.46 1.30 -1.63	40.04 1.31 -1.43	53.28 2.09 -6.24	49.63 1.57 -8.61	47.14 1.53 -4.13	38.85 1.22 -1.86	34.92 0.57 -1.88	43.44 0.27 -1.80	56.24 -1.28 -2.46	43.67 -1.11 -2.18	41.66 -1.57 -3.85	47.08 -1.47 -3.47	52.53 -0.76 -7.02	43.22 -0.02 -3.22	36.50 0.29 -1.11
OH_GEN_PROXY 24063	18.85 -0.72 0.63	21.17 -0.40 0.00	24.68 -0.47 0.00	22.73 -0.51 0.00	21.26 -0.40 0.00	29.14 -0.38 -0.04	38.39 -0.25 0.00	42.26 -0.52 -1.36	44.54 0.33 -1.66	44.39 1.24 -1.61	40.02 1.31 -1.41	53.46 2.33 -6.17	49.91 1.91 -8.55	47.41 1.84 -4.09	38.97 1.36 -1.84	35.06 0.73 -1.86	43.66 0.50 -1.78	56.85 -0.64 -2.43	44.15 -0.61 -2.15	29.20 -1.07 9.10	47.59 -0.92 -3.43	53.03 -0.17 -6.95	43.44 0.24 -3.19	36.49 0.29 -1.09
OLIN_CORP_DRP 24177	19.33 -0.87 0.00	21.03 -0.54 0.00	24.49 -0.66 0.00	22.56 -0.68 0.00	21.07 -0.58 0.00	28.98 -0.54 -0.04	38.06 -0.58 0.00	41.91 -0.90 -1.39	44.22 -0.03 -1.70	44.08 0.90 -1.64	39.88 1.14 -1.44	53.33 2.01 -6.37	49.82 1.66 -8.71	47.26 1.61 -4.18	38.84 1.19 -1.88	34.99 0.63 -1.90	43.37 0.19 -1.81	56.45 -1.09 -2.48	43.89 -0.91 -2.20	41.94 -1.32 -3.88	47.39 -1.19 -3.49	52.86 -0.48 -7.08	43.21 -0.05 -3.24	36.38 0.16 -1.12
OLIN_CORP_DSASP 323712	19.45 -0.75 0.00	21.16 -0.41 0.00	24.66 -0.49 0.00	22.73 -0.51 0.00	21.24 -0.41 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.23 -0.57 -1.38	44.56 0.33 -1.68	44.48 1.31 -1.63	40.04 1.31 -1.43	53.23 2.04 -6.24	49.56 1.51 -8.61	47.12 1.51 -4.13	38.86 1.23 -1.86	34.92 0.57 -1.88	43.47 0.30 -1.80	56.25 -1.27 -2.46	43.66 -1.12 -2.18	41.65 -1.58 -3.85	47.07 -1.48 -3.47	52.53 -0.76 -7.02	43.21 -0.02 -3.22	36.50 0.29 -1.11
ONEIDA_HERK_LFGE 323681	20.32 0.11 0.00	21.76 0.19 0.00	25.42 0.27 0.00	23.51 0.27 0.00	21.95 0.29 0.00	29.88 0.37 -0.02	39.56 0.91 0.00	43.43 1.22 -0.79	44.70 1.24 -0.91	68.91 0.71 -26.66	79.98 0.69 -41.99	226.34 0.82 -180.57	44.93 -4.61 -2.21	44.69 1.01 -0.99	37.78 1.01 -0.99	34.38 0.91 -1.00	43.58 1.26 -0.96	58.28 1.91 -1.31	45.26 1.51 -1.16	42.79 1.36 -2.05	48.18 1.25 -1.84	51.31 1.30 -3.74	42.81 1.08 -1.71	36.49 0.79 -0.59
ONEIDA___115KV_TB4 55905	20.47 0.27 0.00	21.89 0.32 0.00	25.52 0.37 0.00	23.59 0.36 0.00	22.03 0.38 0.00	30.13 0.60 -0.04	39.74 1.09 0.00	43.93 1.18 -1.33	45.23 1.15 -1.53	54.85 0.81 -12.50	56.94 0.72 -18.92	127.01 0.96 -81.10	48.09 0.87 -7.77	46.19 0.99 -3.72	38.46 1.01 -1.67	35.03 0.87 -1.69	44.29 1.31 -1.61	59.21 1.94 -2.21	46.05 1.50 -1.95	44.13 1.30 -3.46	49.44 1.25 -3.11	53.83 1.27 -6.30	43.92 1.02 -2.89	36.85 0.76 -0.99
ONONDAGA_REF_OCCRA 23987	20.10 -0.10 0.00	21.48 -0.09 0.00	25.03 -0.12 0.00	23.10 -0.14 0.00	21.54 -0.11 0.00	29.51 -0.05 -0.07	38.81 0.16 0.00	44.37 0.18 -2.78	45.96 0.20 -3.20	49.66 0.21 -7.91	48.00 0.25 -10.44	89.61 0.44 -44.21	56.12 0.44 -16.23	49.59 0.34 -7.78	39.50 0.23 -3.50	36.19 0.20 -3.52	45.04 0.31 -3.36	60.13 0.47 -4.61	46.99 0.31 -4.08	46.77 0.18 -7.22	51.63 0.06 -6.49	59.53 0.12 -13.15	46.10 0.06 -6.03	37.14 -0.04 -2.07
ONONDAGA___COGEN 23986	20.07 -0.13 0.00	21.44 -0.13 0.00	24.99 -0.16 0.00	23.07 -0.16 0.00	21.50 -0.15 0.00	29.47 -0.11 -0.10	38.72 0.08 0.00	45.15 0.04 -3.69	46.91 0.13 -4.23	50.21 0.11 -8.56	48.23 0.16 -10.76	90.68 0.34 -45.38	61.21 0.37 -21.40	52.01 0.28 -10.25	40.57 0.19 -4.61	37.26 0.14 -4.65	46.05 0.24 -4.44	61.54 0.40 -6.07	48.22 0.24 -5.38	49.00 0.11 -9.52	53.61 -0.03 -8.56	63.64 0.04 -17.34	47.95 -0.01 -7.95	37.74 -0.09 -2.73
ONTARIO___LFGE 23819	20.23 0.03 0.00	21.69 0.12 0.00	25.25 0.10 0.00	23.29 0.05 0.00	21.82 0.16 0.00	30.04 0.48 -0.07	39.66 1.01 0.00	45.47 1.18 -2.87	46.86 1.05 -3.25	45.74 1.11 -3.09	41.44 1.44 -2.71	57.86 1.99 -10.91	57.32 1.47 -16.40	50.51 1.17 -7.86	40.51 1.21 -3.53	37.15 1.13 -3.56	46.19 1.43 -3.40	61.54 1.83 -4.65	48.24 1.52 -4.12	47.79 1.13 -7.29	52.78 1.14 -6.55	60.95 1.41 -13.28	47.32 1.22 -6.09	38.18 0.99 -2.09
ORANGEVILLE_WT_PWR 323706	19.30 -0.90 0.00	20.87 -0.70 0.00	24.28 -0.88 0.00	22.37 -0.86 0.00	21.05 -0.60 0.00	29.05 -0.49 -0.04	38.20 -0.45 0.00	42.19 -0.81 -1.58	44.21 -0.25 -1.91	43.84 0.47 -1.84	39.52 0.61 -1.61	52.98 1.17 -6.85	50.08 0.88 -9.74	46.92 0.77 -4.67	38.67 0.80 -2.10	35.03 0.48 -2.09	43.71 0.34 -2.00	57.78 -0.02 -2.73	45.08 0.06 -2.42	43.22 -0.44 -4.28	48.58 -0.35 -3.85	54.32 0.25 -7.81	44.07 0.47 -3.58	36.70 0.37 -1.23
ORANGEVILLE___ESR 323794	19.30 -0.90 0.00	20.87 -0.70 0.00	24.28 -0.88 0.00	22.37 -0.86 0.00	21.05 -0.60 0.00	29.05 -0.49 -0.04	38.20 -0.45 0.00	42.19 -0.81 -1.58	44.21 -0.25 -1.91	43.84 0.47 -1.84	39.52 0.61 -1.61	52.98 1.17 -6.85	50.08 0.88 -9.74	46.92 0.77 -4.67	38.67 0.80 -2.10	35.03 0.48 -2.09	43.71 0.34 -2.00	57.78 -0.02 -2.73	45.08 0.06 -2.42	43.22 -0.44 -4.28	48.58 -0.35 -3.85	54.32 0.25 -7.81	44.07 0.47 -3.58	36.70 0.37 -1.23
OSWEGATCHIE___HYD 24044	20.15 -0.05 0.00	21.62 0.05 0.00	25.32 0.17 0.00	23.39 0.16 0.00	21.85 0.19 0.00	29.71 0.19 -0.03	39.28 0.63 0.00	43.48 1.11 -0.96	44.85 1.18 -1.12	171.06 0.77 -128.76	243.06 0.73 -205.03	928.32 0.97 -882.39	46.13 1.02 -5.66	45.39 1.20 -2.71	37.97 0.98 -1.22	34.52 0.82 -1.23	43.45 0.90 -1.17	58.00 1.33 -1.61	45.31 1.29 -1.42	43.16 1.27 -2.51	48.72 1.37 -2.26	52.36 1.51 -4.58	43.46 1.35 -2.10	36.96 1.14 -0.72
OSWEGO___5 23606	19.74 -0.46 0.00	21.10 -0.47 0.00	24.59 -0.57 0.00	22.71 -0.53 0.00	21.18 -0.48 0.00	29.17 -0.60 -0.28	38.01 -0.64 0.00	51.26 -0.69 -10.53	54.19 -0.65 -12.30	52.70 -0.60 -11.77	47.11 -0.50 -10.31	86.00 -0.50 -41.55	101.46 -0.42 -62.44	70.90 -0.50 -29.92	48.76 -0.46 -13.44	45.57 -0.46 -13.56	53.72 -0.59 -12.94	72.03 -0.75 -17.73	57.68 -0.61 -15.69	66.49 -0.65 -27.77	69.20 -0.85 -24.97	96.05 -0.82 -50.61	62.48 -0.72 -23.19	42.38 -0.68 -7.96
OSWEGO___6 23613	19.74 -0.46 0.00	21.10 -0.47 0.00	24.59 -0.57 0.00	22.71 -0.53 0.00	21.18 -0.48 0.00	29.17 -0.60 -0.28	38.01 -0.64 0.00	51.26 -0.69 -10.53	54.19 -0.65 -12.30	52.70 -0.60 -11.77	47.11 -0.50 -10.31	86.00 -0.50 -41.55	101.46 -0.42 -62.44	70.90 -0.50 -29.92	48.76 -0.46 -13.44	45.57 -0.46 -13.56	53.72 -0.59 -12.94	72.03 -0.75 -17.73	57.68 -0.61 -15.69	66.49 -0.65 -27.77	69.20 -0.85 -24.97	96.05 -0.82 -50.61	62.48 -0.72 -23.19	42.38 -0.68 -7.96

OUTOKUMPU-AB___DRP 24206	19.71 -0.49 0.00	21.41 -0.16 0.00	24.94 -0.22 0.00	22.96 -0.28 0.00	21.45 -0.20 0.00	29.51 -0.01 -0.04	38.88 0.23 0.00	42.85 0.03 -1.39	45.20 0.94 -1.70	45.06 1.88 -1.65	40.65 1.91 -1.44	54.28 2.95 -6.37	50.60 2.42 -8.74	48.09 2.42 -4.19	39.59 1.94 -1.89	35.63 1.26 -1.90	44.37 1.18 -1.82	57.78 0.23 -2.49	44.88 0.08 -2.21	42.81 -0.46 -3.90	48.37 -0.22 -3.51	53.83 0.46 -7.10	44.13 0.86 -3.26	37.11 0.89 -1.12
OXBOW___BTM 323836	19.58 -0.62 0.00	21.27 -0.30 0.00	24.80 -0.36 0.00	22.83 -0.41 0.00	21.36 -0.30 0.00	29.31 -0.21 -0.04	38.61 -0.03 0.00	42.53 -0.28 -1.39	44.87 0.63 -1.69	44.78 1.60 -1.64	40.35 1.61 -1.44	53.76 2.50 -6.30	50.08 1.96 -8.67	47.62 1.98 -4.16	39.24 1.59 -1.87	35.29 0.94 -1.89	43.96 0.78 -1.81	57.05 -0.48 -2.48	44.29 -0.50 -2.19	42.24 -1.01 -3.88	47.73 -0.84 -3.48	53.19 -0.13 -7.06	43.68 0.42 -3.24	36.81 0.59 -1.11
OXBOW___ 24026	19.57 -0.62 0.00	21.27 -0.30 0.00	24.80 -0.36 0.00	22.84 -0.40 0.00	21.32 -0.34 0.00	29.31 -0.22 -0.04	38.61 -0.03 0.00	42.54 -0.27 -1.39	44.88 0.64 -1.69	44.76 1.59 -1.64	40.35 1.61 -1.44	53.80 2.54 -6.30	50.13 2.02 -8.67	47.64 2.00 -4.16	39.24 1.59 -1.87	35.29 0.94 -1.89	43.93 0.75 -1.81	57.04 -0.49 -2.48	44.30 -0.49 -2.19	42.25 -1.00 -3.88	47.74 -0.83 -3.48	53.20 -0.13 -7.06	43.67 0.42 -3.24	36.81 0.59 -1.11
OXY_CHEM_DSASP 323612	19.45 -0.75 0.00	21.16 -0.41 0.00	24.67 -0.49 0.00	22.72 -0.51 0.00	21.21 -0.45 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.24 -0.56 -1.38	44.56 0.33 -1.68	44.46 1.30 -1.63	40.04 1.31 -1.43	53.28 2.09 -6.24	49.63 1.57 -8.61	47.14 1.53 -4.13	38.85 1.22 -1.86	34.92 0.57 -1.88	43.44 0.27 -1.80	56.24 -1.28 -2.46	43.67 -1.11 -2.18	41.66 -1.57 -3.85	47.08 -1.47 -3.47	52.53 -0.76 -7.02	43.22 -0.02 -3.22	36.50 0.29 -1.11
OZONE_PARK_ESR 323760	21.24 1.04 0.00	22.56 0.99 0.00	26.17 1.02 0.00	24.16 0.93 0.00	22.55 0.90 0.00	30.75 1.26 0.00	40.59 1.95 0.00	43.58 2.16 0.00	44.76 2.21 0.00	43.76 2.22 0.00	39.91 2.10 -0.51	47.38 2.27 -0.16	41.51 2.01 -0.05	43.46 1.98 0.00	37.75 1.98 0.00	34.41 1.94 0.00	43.67 2.30 0.00	58.13 3.07 0.00	44.67 2.08 0.00	41.22 1.84 0.00	46.45 1.37 0.00	47.59 1.34 0.00	41.35 1.34 0.00	36.36 1.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.45 -0.75 0.00	21.16 -0.41 0.00	24.67 -0.49 0.00	22.72 -0.51 0.00	21.21 -0.45 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.24 -0.56 -1.38	44.56 0.33 -1.68	44.46 1.30 -1.63	40.04 1.31 -1.43	53.28 2.09 -6.24	49.63 1.57 -8.61	47.14 1.53 -4.13	38.85 1.22 -1.86	34.92 0.57 -1.88	43.44 0.27 -1.80	56.24 -1.28 -2.46	43.67 -1.11 -2.18	41.66 -1.57 -3.85	47.08 -1.47 -3.47	52.53 -0.76 -7.02	43.22 -0.02 -3.22	36.50 0.29 -1.11
PACKARD__115KV_DUPONT_184 80571	19.45 -0.75 0.00	21.16 -0.41 0.00	24.67 -0.49 0.00	22.72 -0.51 0.00	21.21 -0.45 0.00	29.13 -0.40 -0.04	38.35 -0.30 0.00	42.24 -0.56 -1.38	44.56 0.33 -1.68	44.46 1.30 -1.63	40.04 1.31 -1.43	53.28 2.09 -6.24	49.63 1.57 -8.61	47.14 1.53 -4.13	38.85 1.22 -1.86	34.92 0.57 -1.88	43.44 0.27 -1.80	56.24 -1.28 -2.46	43.67 -1.11 -2.18	41.66 -1.57 -3.85	47.08 -1.47 -3.47	52.53 -0.76 -7.02	43.22 -0.02 -3.22	36.50 0.29 -1.11
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.10 0.90 0.00	22.40 0.83 0.00	25.98 0.83 0.00	24.02 0.78 0.00	22.39 0.73 0.00	30.53 1.05 0.00	40.31 1.67 0.00	43.28 1.85 0.00	44.46 1.91 0.00	43.44 1.89 -0.01	39.59 1.78 -0.51	47.00 1.88 -0.17	41.16 1.65 -0.06	43.09 1.61 -0.01	37.42 1.64 -0.01	34.08 1.61 -0.01	43.26 1.88 -0.01	57.50 2.44 0.00	44.20 1.60 0.00	40.79 1.42 0.00	46.01 0.93 0.00	47.16 0.90 0.00	41.00 0.98 0.00	36.13 1.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.52 1.33 0.00	22.85 1.29 0.00	26.54 1.39 0.00	24.54 1.30 0.00	22.88 1.23 0.00	31.25 1.76 0.00	41.27 2.63 0.00	44.24 2.82 0.00	45.46 2.91 0.00	44.39 2.85 -0.01	40.47 2.66 -0.51	48.05 2.93 -0.17	42.08 2.57 -0.06	44.07 2.59 -0.01	38.25 2.47 -0.01	34.85 2.38 -0.01	44.25 2.87 -0.01	58.72 3.66 0.00	45.14 2.54 0.00	41.65 2.27 0.00	47.03 1.94 0.00	48.17 1.90 0.00	41.89 1.87 0.00	36.91 1.80 0.00
PATROON__115KV_TB1 80586	20.50 0.30 0.00	21.83 0.26 0.00	25.41 0.25 0.00	23.50 0.26 0.00	21.89 0.24 0.00	29.72 0.23 0.00	39.03 0.38 0.00	41.90 0.48 0.00	42.88 0.33 0.00	41.59 0.06 0.00	36.85 -0.02 0.43	44.64 -0.18 0.13	39.24 -0.16 0.05	41.25 -0.23 0.00	35.70 -0.07 0.00	32.57 0.11 0.00	41.48 0.10 0.00	55.39 0.34 0.00	42.69 0.10 0.00	39.56 0.19 0.00	44.94 -0.14 0.00	45.98 -0.28 0.00	39.73 -0.28 0.00	34.90 -0.20 0.00
PATTRSNVILLE___SOLAR 323815	20.74 0.54 0.00	22.13 0.56 0.00	25.81 0.66 0.00	23.84 0.60 0.00	22.21 0.55 0.00	30.27 0.78 0.00	39.87 1.22 0.00	42.85 1.43 0.00	43.77 1.21 0.00	42.27 0.73 0.00	37.18 0.25 0.36	44.98 0.13 0.11	39.45 0.04 0.04	41.55 0.07 0.00	35.96 0.19 0.00	32.89 0.43 0.00	41.99 0.62 0.00	56.21 1.15 0.00	43.66 1.06 0.00	40.47 1.09 0.00	46.09 1.00 0.00	47.24 0.98 0.00	40.81 0.79 0.00	35.81 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.67 -0.53 0.00	21.32 -0.24 0.00	24.83 -0.32 0.00	22.85 -0.38 0.00	21.38 -0.28 0.00	29.42 -0.11 -0.04	38.82 0.17 0.00	42.85 -0.01 -1.44	45.14 0.85 -1.75	44.85 1.62 -1.69	40.43 1.65 -1.48	54.20 2.80 -6.45	50.67 2.27 -8.94	47.93 2.17 -4.29	39.43 1.73 -1.93	35.56 1.15 -1.95	44.42 1.19 -1.86	58.11 0.50 -2.55	45.13 0.27 -2.26	43.04 -0.32 -3.99	48.59 -0.08 -3.59	54.15 0.62 -7.27	44.19 0.84 -3.33	36.97 0.73 -1.14
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.07 0.87 0.00	22.39 0.82 0.00	26.01 0.86 0.00	24.02 0.78 0.00	22.39 0.73 0.00	30.53 1.05 0.00	40.30 1.65 0.00	43.27 1.85 0.00	44.42 1.87 0.00	43.32 1.78 0.00	39.45 1.65 -0.50	46.87 1.76 -0.15	41.04 1.54 -0.05	42.98 1.51 0.00	37.26 1.49 0.00	33.92 1.46 0.00	43.15 1.78 0.00	57.56 2.50 0.00	44.31 1.71 0.00	40.94 1.56 0.00	46.21 1.13 0.00	47.30 1.04 0.00	40.97 0.96 0.00	36.00 0.89 0.00
PEEKSKILL___ 23653	20.92 0.72 0.00	22.22 0.65 0.00	25.80 0.65 0.00	23.83 0.59 0.00	22.22 0.56 0.00	30.28 0.79 0.00	39.93 1.28 0.00	42.80 1.38 0.00	43.95 1.40 0.00	42.90 1.37 0.00	39.09 1.29 -0.50	46.44 1.33 -0.15	40.67 1.17 -0.05	42.60 1.12 0.00	36.97 1.20 0.00	33.68 1.21 0.00	42.78 1.41 0.00	56.99 1.93 0.00	43.85 1.25 0.00	40.46 1.09 0.00	45.66 0.57 0.00	46.79 0.53 0.00	40.60 0.59 0.00	35.73 0.62 0.00
PGE MADISON___WINDPWR 24146	20.62 0.42 0.00	22.13 0.56 0.00	25.85 0.69 0.00	23.73 0.49 0.00	22.23 0.57 0.00	30.77 1.23 -0.05	41.11 2.47 0.00	45.95 2.69 -1.85	47.28 2.58 -2.15	45.90 2.31 -2.06	41.03 1.93 -1.80	54.39 2.17 -7.26	52.29 1.93 -10.92	48.59 1.88 -5.23	39.74 1.62 -2.35	36.17 1.34 -2.37	45.93 2.30 -2.26	61.35 3.20 -3.10	48.42 3.08 -2.74	46.93 2.70 -4.85	52.27 2.82 -4.36	57.98 2.88 -8.84	46.32 2.25 -4.05	38.19 1.69 -1.39

PIERCEFIELD___HYD 23852	20.29 0.09 0.00	21.70 0.13 0.00	25.41 0.26 0.00	23.48 0.24 0.00	21.92 0.27 0.00	29.80 0.30 -0.02	39.09 0.44 0.00	42.64 0.70 -0.52	43.88 0.73 -0.60	230.83 0.88 -188.42	338.70 0.65 -300.75	1340.59 1.06 -1294.58	43.29 0.81 -3.03	44.04 1.11 -1.45	37.07 0.64 -0.65	33.57 0.45 -0.66	42.45 0.45 -0.63	56.41 0.49 -0.86	44.07 0.71 -0.76	41.56 0.84 -1.35	47.62 1.32 -1.21	49.98 1.26 -2.46	42.37 1.23 -1.13	36.71 1.22 -0.39
PINELAWN_CC_1 323563	20.94 0.74 0.00	22.19 0.62 0.00	25.69 0.54 0.00	23.77 0.53 0.00	22.20 0.54 0.00	30.32 0.83 0.00	39.91 1.27 0.00	42.73 1.31 0.00	43.94 1.38 0.00	42.96 1.42 0.00	39.37 1.57 -0.51	45.91 0.80 -0.16	40.66 1.15 -0.05	42.34 0.86 0.00	36.92 1.15 0.00	33.66 1.20 0.00	42.41 1.04 0.00	56.66 1.61 0.00	43.72 1.12 0.00	40.39 1.01 0.00	45.22 0.13 0.00	45.84 0.00 0.43	39.35 0.08 0.75	35.48 0.37 0.00
PJM_GEN_HTP_PROXY 323702	21.05 0.85 0.00	22.36 0.79 0.00	25.97 0.81 0.00	23.98 0.75 0.00	22.37 0.71 0.00	30.50 1.01 0.00	40.24 1.60 0.00	43.17 1.75 0.00	43.25 1.75 1.05	43.26 1.72 0.00	39.45 1.64 -0.51	46.82 1.70 -0.16	41.04 1.54 -0.05	43.00 1.52 0.00	37.34 1.56 0.00	34.03 1.57 0.00	43.19 1.82 0.00	57.50 2.44 0.00	44.19 1.59 0.00	40.77 1.39 0.00	45.94 0.86 0.00	47.05 0.79 0.00	40.88 0.87 0.00	35.97 0.87 0.00
PJM_GEN_KEystone 24065	20.18 -0.02 0.00	21.59 0.06 0.04	25.09 0.01 0.07	23.08 -0.06 0.10	21.66 0.02 0.01	29.60 0.13 0.01	38.56 0.41 0.50	42.10 0.31 -0.38	42.61 0.63 0.57	42.67 0.93 -0.20	38.49 0.94 -0.25	49.28 1.37 -2.96	45.25 1.07 -4.74	44.41 0.96 -1.97	37.48 0.90 -0.81	34.05 0.66 -0.93	42.55 0.62 -0.56	56.19 0.38 -0.75	43.78 0.09 -1.09	41.34 -0.24 -2.21	45.97 -0.55 -1.43	50.61 -0.11 -4.46	42.05 0.20 -1.83	36.01 0.25 -0.66
PJM_GEN_NEPTUNE_PROXY 323594	20.82 0.63 0.00	22.10 0.52 0.00	25.59 0.44 0.00	23.67 0.43 0.00	22.09 0.44 0.00	30.15 0.67 0.00	39.65 1.01 0.00	42.44 1.02 0.00	42.62 1.13 1.05	42.74 1.21 0.00	39.19 1.38 -0.50	45.83 0.72 -0.16	40.51 1.01 -0.05	42.21 0.73 0.00	36.78 1.00 0.00	33.47 1.01 0.00	42.24 0.87 0.00	56.35 1.30 0.00	43.39 0.79 0.00	40.09 0.72 0.00	44.99 -0.10 0.00	45.55 -0.21 0.50	39.03 -0.09 0.89	35.31 0.21 0.00
PJM_GEN_VFT_PROXY 323633	20.95 0.75 0.00	21.67 0.68 0.58	24.88 0.66 0.94	22.41 0.60 1.43	22.14 0.61 0.13	29.82 0.86 0.53	32.90 1.36 7.10	36.10 1.51 6.83	35.24 1.55 8.86	31.80 1.58 11.32	26.96 1.52 11.86	34.70 1.58 11.84	33.02 1.38 7.81	34.92 1.34 7.90	32.46 1.42 4.73	30.71 1.46 3.22	35.26 1.68 7.79	46.51 2.24 10.78	40.50 1.42 3.53	38.48 1.22 2.11	40.35 0.61 5.35	43.49 0.56 3.34	38.72 0.69 1.98	35.47 0.75 0.39
PLATSBRG_115KV_PMLD1 355749	20.22 0.02 0.00	21.19 -0.38 0.00	24.85 -0.31 0.00	23.01 -0.23 0.00	21.71 0.06 0.00	29.76 0.28 0.00	39.55 0.90 0.00	42.60 1.18 0.00	43.85 1.29 0.00	57.73 1.83 -14.37	61.72 1.46 -22.96	146.04 2.23 -98.85	41.23 1.78 0.00	43.52 2.05 0.00	37.75 1.98 0.00	34.33 1.86 0.00	43.98 2.61 0.00	57.94 2.88 0.00	44.96 2.36 0.00	41.77 2.40 0.00	48.31 3.22 0.00	49.32 3.06 0.00	42.57 2.56 0.00	37.36 2.25 0.00
PLEASANTVLY___LBMP 24000	20.83 0.63 0.00	22.16 0.58 0.00	25.74 0.59 0.00	23.78 0.54 0.00	22.17 0.51 0.00	30.18 0.70 0.00	39.77 1.12 0.00	42.67 1.25 0.00	43.78 1.23 0.00	42.65 1.11 0.00	38.89 1.03 -0.56	46.15 1.02 -0.17	40.40 0.89 -0.06	42.32 0.84 0.00	36.69 0.92 0.00	33.40 0.93 0.00	42.45 1.08 0.00	56.61 1.55 0.00	43.58 0.98 0.00	40.27 0.90 0.00	45.51 0.43 0.00	46.60 0.35 0.00	40.39 0.37 0.00	35.50 0.40 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.98 0.78 0.00	22.29 0.73 0.00	25.89 0.74 0.00	23.91 0.67 0.00	22.29 0.63 0.00	30.38 0.89 0.00	40.05 1.40 0.00	42.97 1.55 0.00	44.12 1.57 0.00	43.07 1.53 0.00	39.25 1.44 -0.51	46.60 1.49 -0.16	40.83 1.33 -0.06	42.76 1.28 0.00	37.09 1.32 0.00	33.79 1.32 0.00	42.93 1.55 0.00	57.19 2.14 0.00	43.98 1.39 0.00	40.62 1.25 0.00	45.84 0.76 0.00	46.94 0.68 0.00	40.72 0.70 0.00	35.82 0.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.98 0.78 0.00	22.29 0.73 0.00	25.89 0.74 0.00	23.91 0.67 0.00	22.29 0.63 0.00	30.38 0.89 0.00	40.05 1.40 0.00	42.97 1.55 0.00	44.12 1.57 0.00	43.07 1.53 0.00	39.25 1.44 -0.51	46.60 1.49 -0.16	40.83 1.33 -0.06	42.76 1.28 0.00	37.09 1.32 0.00	33.79 1.32 0.00	42.93 1.55 0.00	57.19 2.14 0.00	43.98 1.39 0.00	40.62 1.25 0.00	45.84 0.76 0.00	46.94 0.68 0.00	40.72 0.70 0.00	35.82 0.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.97 0.77 0.00	22.30 0.73 0.00	25.92 0.76 0.00	23.93 0.70 0.00	22.30 0.64 0.00	30.39 0.91 0.00	40.10 1.45 0.00	43.06 1.64 0.00	44.18 1.63 0.00	43.07 1.54 0.00	39.21 1.42 -0.49	46.60 1.50 -0.15	40.77 1.27 -0.05	42.73 1.25 0.00	37.00 1.23 0.00	33.67 1.20 0.00	42.86 1.49 0.00	57.22 2.16 0.00	44.09 1.49 0.00	40.77 1.39 0.00	46.07 0.99 0.00	47.14 0.88 0.00	40.82 0.81 0.00	35.84 0.74 0.00
POLETTI____ 23519	20.60 0.65 0.25	20.84 0.55 1.28	21.01 0.50 4.64	21.01 0.47 2.70	20.93 0.45 1.18	23.20 0.66 6.95	24.42 1.27 15.50	25.73 1.38 17.07	26.52 1.46 17.49	22.90 1.46 20.09	23.51 1.36 15.14	27.30 1.39 19.04	24.38 1.23 16.30	23.52 1.17 19.12	24.28 1.26 12.74	23.51 1.27 10.23	24.99 1.44 17.82	35.30 1.86 21.62	24.96 1.12 18.75	23.54 0.98 16.81	28.75 0.43 16.76	29.59 0.40 17.06	28.16 0.53 12.39	24.84 0.57 10.83
POMONA___ESR 323819	20.95 0.75 0.00	22.24 0.67 0.00	25.82 0.67 0.00	23.85 0.61 0.00	22.23 0.57 0.00	30.29 0.81 0.00	39.94 1.29 0.00	42.80 1.38 0.00	43.98 1.43 0.00	42.93 1.40 0.00	39.08 1.31 -0.48	46.49 1.38 -0.15	40.71 1.21 -0.05	42.67 1.19 0.00	37.03 1.25 0.00	33.74 1.28 0.00	42.85 1.48 0.00	57.10 2.04 0.00	43.92 1.32 0.00	40.52 1.15 0.00	45.70 0.61 0.00	46.87 0.61 0.00	40.68 0.67 0.00	35.81 0.70 0.00
PORT_JEFF_3 23555	20.82 0.62 0.00	22.05 0.48 0.00	25.49 0.33 0.00	23.62 0.39 0.00	22.08 0.42 0.00	30.15 0.66 0.00	39.69 1.05 0.00	42.47 1.05 0.00	43.67 1.11 0.00	42.71 1.18 0.00	39.12 1.32 -0.50	45.50 0.39 -0.16	40.35 0.85 -0.05	41.97 0.49 0.00	36.70 0.92 0.00	33.45 0.99 0.00	42.08 0.71 0.00	56.20 1.14 0.00	43.36 0.76 0.00	40.10 0.72 0.00	44.82 -0.27 0.00	45.35 -0.44 0.47	38.89 -0.30 0.82	35.14 0.03 0.00
PORT_JEFF_4 23616	20.82 0.62 0.00	22.05 0.48 0.00	25.49 0.33 0.00	23.62 0.39 0.00	22.08 0.42 0.00	30.15 0.66 0.00	39.69 1.05 0.00	42.47 1.05 0.00	43.67 1.11 0.00	42.71 1.18 0.00	39.12 1.32 -0.50	45.50 0.39 -0.16	40.35 0.85 -0.05	41.97 0.49 0.00	36.70 0.92 0.00	33.45 0.99 0.00	42.08 0.71 0.00	56.20 1.14 0.00	43.36 0.76 0.00	40.10 0.72 0.00	44.82 -0.27 0.00	45.35 -0.44 0.47	38.89 -0.30 0.82	35.14 0.03 0.00

PORT_JEFF_IC 23713	20.83 0.64 0.00	22.07 0.50 0.00	25.52 0.36 0.00	23.64 0.40 0.00	22.11 0.45 0.00	30.17 0.68 0.00	39.73 1.08 0.00	42.49 1.08 0.00	43.70 1.15 0.00	42.74 1.20 0.00	39.18 1.38 -0.50	45.54 0.43 -0.16	40.37 0.86 -0.05	42.05 0.57 0.00	36.75 0.97 0.00	33.50 1.03 0.00	42.13 0.77 0.00	56.29 1.24 0.00	43.43 0.83 0.00	40.14 0.77 0.00	44.88 -0.20 0.00	45.41 -0.38 0.47	38.94 -0.26 0.82	35.17 0.07 0.00
PPL PILGRIM_ST_GT1 24216	20.99 0.79 0.00	22.25 0.68 0.00	25.73 0.58 0.00	23.83 0.59 0.00	22.26 0.60 0.00	30.42 0.93 0.00	40.06 1.41 0.00	42.85 1.44 0.00	44.08 1.53 0.00	43.13 1.59 0.00	39.52 1.71 -0.50	46.02 0.91 -0.16	40.79 1.29 -0.05	42.49 1.01 0.00	37.10 1.32 0.00	33.82 1.35 0.00	42.52 1.14 0.00	56.78 1.72 0.00	43.78 1.18 0.00	40.45 1.08 0.00	45.14 0.05 0.00	45.83 0.03 0.46	39.33 0.12 0.80	35.53 0.42 0.00
PPL PILGRIM_ST_GT2 24217	20.99 0.79 0.00	22.25 0.68 0.00	25.73 0.58 0.00	23.83 0.59 0.00	22.26 0.60 0.00	30.42 0.93 0.00	40.06 1.41 0.00	42.85 1.44 0.00	44.08 1.53 0.00	43.13 1.59 0.00	39.52 1.71 -0.50	46.02 0.91 -0.16	40.79 1.29 -0.05	42.49 1.01 0.00	37.10 1.32 0.00	33.82 1.35 0.00	42.52 1.14 0.00	56.78 1.72 0.00	43.78 1.18 0.00	40.45 1.08 0.00	45.14 0.05 0.00	45.83 0.03 0.46	39.33 0.12 0.80	35.53 0.42 0.00
PPL_SHRM_GT3 24213	20.60 0.40 0.00	21.81 0.24 0.00	25.20 0.05 0.00	23.38 0.14 0.00	21.86 0.20 0.00	29.85 0.36 0.00	39.31 0.67 0.00	42.06 0.64 0.00	43.22 0.66 0.00	42.22 0.68 0.00	38.65 0.84 -0.50	44.87 -0.24 -0.16	39.80 0.29 -0.05	41.40 -0.08 0.00	36.26 0.48 0.00	33.07 0.60 0.00	41.61 0.24 0.00	55.64 0.58 0.00	42.97 0.37 0.00	39.75 0.38 0.00	44.40 -0.68 0.00	44.89 -0.91 0.47	38.47 -0.72 0.82	34.75 -0.36 0.00
PPL_SHRM_GT4 24214	20.60 0.40 0.00	21.81 0.24 0.00	25.20 0.05 0.00	23.38 0.14 0.00	21.86 0.20 0.00	29.85 0.36 0.00	39.31 0.67 0.00	42.06 0.64 0.00	43.22 0.66 0.00	42.22 0.68 0.00	38.65 0.84 -0.50	44.87 -0.24 -0.16	39.80 0.29 -0.05	41.40 -0.08 0.00	36.26 0.48 0.00	33.07 0.60 0.00	41.61 0.24 0.00	55.64 0.58 0.00	42.97 0.37 0.00	39.75 0.38 0.00	44.40 -0.68 0.00	44.89 -0.91 0.47	38.47 -0.72 0.82	34.75 -0.36 0.00
PROJECT___ORANGE 1 24174	20.01 -0.19 0.00	21.39 -0.18 0.00	24.92 -0.24 0.00	23.00 -0.23 0.00	21.45 -0.20 0.00	29.37 -0.18 -0.07	38.62 -0.03 0.00	43.90 -0.02 -2.50	45.45 0.01 -2.89	49.83 0.07 -8.23	48.60 0.14 -11.16	92.66 0.31 -47.39	54.38 0.31 -14.62	48.69 0.20 -7.01	39.04 0.11 -3.15	35.71 0.07 -3.18	44.52 0.12 -3.03	59.40 0.20 -4.15	46.34 0.07 -3.67	45.82 -0.06 -6.50	50.71 -0.22 -5.85	57.95 -0.17 -11.85	45.28 -0.17 -5.43	36.74 -0.23 -1.86
PROJECT___ORANGE 2 24166	20.01 -0.19 0.00	21.39 -0.18 0.00	24.92 -0.24 0.00	23.00 -0.23 0.00	21.45 -0.20 0.00	29.37 -0.18 -0.07	38.62 -0.03 0.00	43.90 -0.02 -2.50	45.45 0.01 -2.89	49.83 0.07 -8.23	48.60 0.14 -11.16	92.66 0.31 -47.39	54.38 0.31 -14.62	48.69 0.20 -7.01	39.04 0.11 -3.15	35.71 0.07 -3.18	44.52 0.12 -3.03	59.40 0.20 -4.15	46.34 0.07 -3.67	45.82 -0.06 -6.50	50.71 -0.22 -5.85	57.95 -0.17 -11.85	45.28 -0.17 -5.43	36.74 -0.23 -1.86
PUCKETT___SOLAR 323809	20.16 -0.04 0.00	21.62 0.05 0.00	25.24 0.09 0.00	23.22 -0.01 0.00	21.69 0.04 0.00	29.85 0.31 -0.05	39.43 0.78 0.00	43.98 0.80 -1.76	45.43 0.83 -2.06	44.30 0.80 -1.97	39.71 0.69 -1.72	52.69 0.71 -7.02	50.58 0.69 -10.44	46.99 0.51 -5.00	38.35 0.33 -2.25	34.93 0.20 -2.27	44.01 0.47 -2.16	58.80 0.78 -2.96	46.06 0.84 -2.62	44.62 0.61 -4.64	49.87 0.62 -4.17	55.51 0.79 -8.46	44.53 0.64 -3.88	36.82 0.38 -1.33
PYRITES___HYD 24023	20.67 0.47 0.00	22.13 0.56 0.00	25.92 0.77 0.00	23.94 0.70 0.00	22.34 0.69 0.00	30.40 0.90 -0.02	39.88 1.23 0.00	43.41 1.51 -0.48	44.62 1.51 -0.56	242.54 1.47 -199.54	357.00 1.15 -318.56	1417.95 1.76 -1371.23	43.58 1.31 -2.81	44.58 1.76 -1.35	37.32 0.94 -0.60	34.04 0.97 -0.61	43.23 1.28 -0.58	57.50 1.65 -0.80	44.94 1.64 -0.71	42.35 1.73 -1.25	48.57 2.36 -1.13	50.78 2.24 -2.28	43.08 2.02 -1.05	37.31 1.84 -0.36
QUAKERRD_115KV_BK1 80622	19.65 -0.55 0.00	21.09 -0.48 0.00	24.58 -0.58 0.00	22.67 -0.57 0.00	21.15 -0.51 0.00	28.98 -0.54 -0.04	38.24 -0.41 0.00	42.29 -0.44 -1.31	44.04 -0.14 -1.63	43.39 0.27 -1.58	39.05 0.37 -1.39	51.22 0.77 -5.49	48.51 0.66 -8.40	46.15 0.64 -4.02	38.03 0.45 -1.81	34.48 0.19 -1.83	43.25 0.14 -1.74	57.38 -0.06 -2.39	44.61 -0.10 -2.11	42.79 -0.32 -3.74	48.03 -0.42 -3.36	52.85 -0.22 -6.82	42.97 -0.17 -3.12	35.94 -0.24 -1.07
QUENSBRY_115KV_TB8 356137	21.62 1.42 0.00	23.02 1.45 0.00	26.79 1.63 0.00	24.75 1.51 0.00	23.07 1.41 0.00	31.41 1.93 0.00	41.43 2.78 0.00	44.35 2.93 0.00	45.07 2.52 0.00	43.46 1.93 0.00	38.21 1.41 0.49	46.29 1.48 0.15	40.51 1.12 0.05	42.44 0.96 0.00	36.61 0.84 0.00	33.36 0.89 0.00	42.65 1.28 0.00	57.51 2.46 0.00	44.51 1.91 0.00	41.30 1.93 0.00	47.04 1.96 0.00	47.98 1.72 0.00	41.23 1.22 0.00	36.20 1.10 0.00
RAMAPO___LBMP 323565	20.87 0.67 0.00	22.16 0.58 0.00	25.73 0.58 0.00	23.76 0.52 0.00	22.14 0.49 0.00	30.17 0.69 0.00	39.76 1.11 0.00	42.60 1.19 0.00	43.78 1.22 0.00	42.73 1.19 0.00	38.89 1.11 -0.47	46.25 1.15 -0.14	40.50 1.00 -0.05	42.45 0.97 0.00	36.83 1.06 0.00	33.55 1.09 0.00	42.62 1.25 0.00	56.77 1.71 0.00	43.68 1.08 0.00	40.30 0.93 0.00	45.46 0.38 0.00	46.64 0.38 0.00	40.49 0.48 0.00	35.65 0.55 0.00
RANKINE____ 23646	19.66 -0.54 0.00	21.33 -0.24 0.00	24.84 -0.31 0.00	22.87 -0.37 0.00	21.40 -0.26 0.00	29.46 -0.07 -0.04	38.84 0.20 0.00	42.83 -0.02 -1.43	45.10 0.81 -1.74	44.88 1.67 -1.68	40.52 1.75 -1.47	54.30 2.92 -6.42	50.79 2.43 -8.90	48.09 2.35 -4.27	39.56 1.87 -1.92	35.69 1.28 -1.94	44.55 1.32 -1.86	58.24 0.64 -2.54	45.26 0.42 -2.25	43.16 -0.19 -3.97	48.75 0.09 -3.57	54.28 0.78 -7.24	44.32 0.99 -3.32	37.11 0.87 -1.14
RAVENSWOOD_GT2_1 24244	21.08 0.88 0.00	22.39 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.74 0.00	30.52 1.03 0.00	40.26 1.62 0.00	43.20 1.78 0.00	44.37 1.82 0.00	43.37 1.84 0.00	39.54 1.73 -0.51	46.95 1.83 -0.16	41.11 1.61 -0.05	43.05 1.57 0.00	37.39 1.61 0.00	34.07 1.60 0.00	43.25 1.88 0.00	57.56 2.50 0.00	44.23 1.63 0.00	40.81 1.43 0.00	45.99 0.91 0.00	47.11 0.85 0.00	40.94 0.93 0.00	36.03 0.93 0.00
RAVENSWOOD_GT2_2 24245	21.08 0.88 0.00	22.39 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.74 0.00	30.52 1.03 0.00	40.26 1.62 0.00	43.20 1.78 0.00	44.37 1.82 0.00	43.37 1.84 0.00	39.54 1.73 -0.51	46.95 1.83 -0.16	41.11 1.61 -0.05	43.05 1.57 0.00	37.39 1.61 0.00	34.07 1.60 0.00	43.25 1.88 0.00	57.56 2.50 0.00	44.23 1.63 0.00	40.81 1.43 0.00	45.99 0.91 0.00	47.11 0.85 0.00	40.94 0.93 0.00	36.03 0.93 0.00

RAVENSWOOD_GT2_3 24246	21.08 0.88 0.00	22.39 0.83 0.00	25.99 0.84 0.00	24.00 0.77 0.00	22.40 0.75 0.00	30.53 1.04 0.00	40.28 1.63 0.00	43.22 1.80 0.00	44.39 1.84 0.00	43.40 1.87 0.00	39.57 1.76 -0.51	46.97 1.85 -0.16	41.13 1.63 -0.05	43.07 1.59 0.00	37.41 1.63 0.00	34.09 1.63 0.00	43.26 1.89 0.00	57.60 2.54 0.00	44.25 1.65 0.00	40.83 1.45 0.00	46.02 0.94 0.00	47.14 0.88 0.00	40.95 0.94 0.00	36.04 0.94 0.00
RAVENSWOOD_GT2_4 24247	21.08 0.88 0.00	22.39 0.83 0.00	25.99 0.84 0.00	24.00 0.77 0.00	22.40 0.75 0.00	30.53 1.04 0.00	40.28 1.63 0.00	43.22 1.80 0.00	44.39 1.84 0.00	43.40 1.87 0.00	39.57 1.76 -0.51	46.97 1.85 -0.16	41.13 1.63 -0.05	43.07 1.59 0.00	37.41 1.63 0.00	34.09 1.63 0.00	43.26 1.89 0.00	57.60 2.54 0.00	44.25 1.65 0.00	40.83 1.45 0.00	46.02 0.94 0.00	47.14 0.88 0.00	40.95 0.94 0.00	36.04 0.94 0.00
RAVENSWOOD_GT3_1 24248	21.08 0.88 0.00	22.39 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.74 0.00	30.52 1.03 0.00	40.26 1.62 0.00	43.20 1.78 0.00	44.37 1.82 0.00	43.37 1.84 0.00	39.54 1.73 -0.51	46.95 1.83 -0.16	41.12 1.62 -0.05	43.05 1.57 0.00	37.39 1.61 0.00	34.07 1.60 0.00	43.25 1.88 0.00	57.56 2.50 0.00	44.23 1.63 0.00	40.81 1.43 0.00	45.99 0.91 0.00	47.11 0.85 0.00	40.94 0.93 0.00	36.03 0.93 0.00
RAVENSWOOD_GT3_2 24249	21.08 0.88 0.00	22.39 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.74 0.00	30.52 1.03 0.00	40.26 1.62 0.00	43.20 1.78 0.00	44.37 1.82 0.00	43.37 1.84 0.00	39.54 1.73 -0.51	46.95 1.83 -0.16	41.12 1.62 -0.05	43.05 1.57 0.00	37.39 1.61 0.00	34.07 1.60 0.00	43.25 1.88 0.00	57.56 2.50 0.00	44.23 1.63 0.00	40.81 1.43 0.00	45.99 0.91 0.00	47.11 0.85 0.00	40.94 0.93 0.00	36.03 0.93 0.00
RAVENSWOOD_GT3_3 24250	21.10 0.90 0.00	22.41 0.84 0.00	26.02 0.86 0.00	24.03 0.79 0.00	22.42 0.77 0.00	30.56 1.07 0.00	40.32 1.67 0.00	43.27 1.85 0.00	44.45 1.90 0.00	43.46 1.92 0.00	39.62 1.81 -0.51	47.03 1.92 -0.16	41.19 1.69 -0.05	43.14 1.66 0.00	37.45 1.68 0.00	34.13 1.67 0.00	43.33 1.96 0.00	57.67 2.61 0.00	44.31 1.71 0.00	40.88 1.50 0.00	46.07 0.99 0.00	47.20 0.94 0.00	41.00 0.98 0.00	36.09 0.98 0.00
RAVENSWOOD_GT3_4 24251	21.10 0.90 0.00	22.41 0.84 0.00	26.02 0.86 0.00	24.03 0.79 0.00	22.42 0.77 0.00	30.56 1.07 0.00	40.32 1.67 0.00	43.27 1.85 0.00	44.45 1.90 0.00	43.46 1.92 0.00	39.62 1.81 -0.51	47.03 1.92 -0.16	41.19 1.69 -0.05	43.14 1.66 0.00	37.45 1.68 0.00	34.13 1.67 0.00	43.33 1.96 0.00	57.67 2.61 0.00	44.31 1.71 0.00	40.88 1.50 0.00	46.07 0.99 0.00	47.20 0.94 0.00	41.00 0.98 0.00	36.09 0.98 0.00
RAVENSWOOD_GT_1 23729	21.13 0.93 0.00	22.44 0.87 0.00	26.02 0.87 0.00	24.06 0.82 0.00	22.43 0.78 0.00	30.58 1.09 0.00	40.43 1.75 -0.03	43.45 1.96 -0.08	44.74 2.03 -0.15	43.85 2.07 -0.24	40.01 1.94 -0.77	47.45 2.08 -0.42	41.50 1.82 -0.23	43.45 1.80 -0.17	37.69 1.81 -0.10	34.31 1.77 -0.07	43.63 2.09 -0.17	57.99 2.75 -0.18	44.37 1.77 -0.01	40.92 1.54 -0.01	46.20 1.04 -0.07	47.30 1.01 -0.04	41.15 1.09 -0.04	36.17 1.06 -0.01
RAVENSWOOD_GT_10 24258	21.08 0.88 0.00	22.38 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.73 0.00	30.52 1.03 0.00	40.26 1.61 0.00	43.20 1.78 -0.01	44.39 1.82 -0.02	43.40 1.84 -0.03	39.57 1.73 -0.54	46.97 1.82 -0.19	41.13 1.61 -0.07	43.06 1.57 -0.02	37.39 1.60 -0.01	34.07 1.60 -0.01	43.26 1.87 -0.02	57.58 2.50 -0.02	44.23 1.63 0.00	40.81 1.43 0.00	46.00 0.91 -0.01	47.11 0.85 0.00	40.93 0.92 -0.01	36.03 0.93 0.00
RAVENSWOOD_GT_11 24259	21.08 0.88 0.00	22.38 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.73 0.00	30.52 1.03 0.00	40.26 1.61 0.00	43.20 1.78 -0.01	44.39 1.82 -0.02	43.40 1.84 -0.03	39.57 1.73 -0.54	46.97 1.82 -0.19	41.13 1.61 -0.07	43.06 1.57 -0.02	37.39 1.60 -0.01	34.07 1.60 -0.01	43.26 1.87 -0.02	57.58 2.50 -0.02	44.23 1.63 0.00	40.81 1.43 0.00	46.00 0.91 -0.01	47.11 0.85 0.00	40.93 0.92 -0.01	36.03 0.93 0.00
RAVENSWOOD_GT_4 24252	21.07 0.87 0.00	22.38 0.81 0.00	25.99 0.83 0.00	23.99 0.76 0.00	22.39 0.73 0.00	30.51 1.03 0.00	40.27 1.60 -0.02	43.24 1.76 -0.06	44.46 1.80 -0.11	43.54 1.82 -0.18	39.73 1.72 -0.71	47.09 1.79 -0.35	41.20 1.58 -0.17	43.15 1.55 -0.12	37.43 1.59 -0.07	34.10 1.59 -0.05	43.33 1.84 -0.12	57.67 2.48 -0.13	44.22 1.62 0.00	40.81 1.42 -0.01	46.04 0.90 -0.06	47.13 0.84 -0.03	40.95 0.90 -0.03	36.02 0.91 0.00
RAVENSWOOD_GT_5 24254	21.07 0.87 0.00	22.38 0.81 0.00	25.99 0.83 0.00	23.99 0.76 0.00	22.39 0.73 0.00	30.51 1.03 0.00	40.27 1.60 -0.02	43.24 1.76 -0.06	44.46 1.80 -0.11	43.54 1.82 -0.18	39.73 1.72 -0.71	47.09 1.79 -0.35	41.20 1.58 -0.17	43.15 1.55 -0.12	37.43 1.59 -0.07	34.10 1.59 -0.05	43.33 1.84 -0.12	57.67 2.48 -0.13	44.22 1.62 0.00	40.81 1.42 -0.01	46.04 0.90 -0.06	47.13 0.84 -0.03	40.95 0.90 -0.03	36.02 0.91 0.00
RAVENSWOOD_GT_6 24253	21.07 0.87 0.00	22.38 0.81 0.00	25.99 0.83 0.00	23.99 0.76 0.00	22.39 0.73 0.00	30.51 1.03 0.00	40.27 1.60 -0.02	43.24 1.76 -0.06	44.46 1.80 -0.11	43.54 1.82 -0.18	39.73 1.72 -0.71	47.09 1.79 -0.35	41.20 1.58 -0.17	43.15 1.55 -0.12	37.43 1.59 -0.07	34.10 1.59 -0.05	43.33 1.84 -0.12	57.67 2.48 -0.13	44.22 1.62 0.00	40.81 1.42 -0.01	46.04 0.90 -0.06	47.13 0.84 -0.03	40.95 0.90 -0.03	36.02 0.91 0.00
RAVENSWOOD_GT_7 24255	21.07 0.87 0.00	22.38 0.81 0.00	25.99 0.83 0.00	23.99 0.76 0.00	22.39 0.73 0.00	30.51 1.03 0.00	40.27 1.60 -0.02	43.24 1.76 -0.06	44.46 1.80 -0.11	43.54 1.82 -0.18	39.73 1.72 -0.71	47.09 1.79 -0.35	41.20 1.58 -0.17	43.15 1.55 -0.12	37.43 1.59 -0.07	34.10 1.59 -0.05	43.33 1.84 -0.12	57.67 2.48 -0.13	44.22 1.62 0.00	40.81 1.42 -0.01	46.04 0.90 -0.06	47.13 0.84 -0.03	40.95 0.90 -0.03	36.02 0.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.08 0.88 0.00	22.38 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.73 0.00	30.52 1.03 0.00	40.26 1.61 0.00	43.20 1.78 -0.01	44.39 1.82 -0.02	43.40 1.84 -0.03	39.57 1.73 -0.54	46.97 1.82 -0.19	41.13 1.61 -0.07	43.06 1.57 -0.02	37.39 1.60 -0.01	34.07 1.60 -0.01	43.26 1.87 -0.02	57.58 2.50 -0.02	44.23 1.63 0.00	40.81 1.43 0.00	46.00 0.91 -0.01	47.11 0.85 0.00	40.93 0.92 -0.01	36.03 0.93 0.00
RAVENSWOOD_GT_9 24257	21.08 0.88 0.00	22.38 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.39 0.73 0.00	30.52 1.03 0.00	40.26 1.61 0.00	43.20 1.78 -0.01	44.39 1.82 -0.02	43.40 1.84 -0.03	39.57 1.73 -0.54	46.97 1.82 -0.19	41.13 1.61 -0.07	43.06 1.57 -0.02	37.39 1.60 -0.01	34.07 1.60 -0.01	43.26 1.87 -0.02	57.58 2.50 -0.02	44.23 1.63 0.00	40.81 1.43 0.00	46.00 0.91 -0.01	47.11 0.85 0.00	40.93 0.92 -0.01	36.03 0.93 0.00

RAVENSWOOD___1 23533	21.10 0.89 0.00	22.40 0.83 0.00	25.98 0.82 0.00	24.02 0.78 0.00	22.39 0.74 0.00	30.53 1.05 0.00	40.31 1.69 0.03	43.26 1.91 0.07	44.37 1.96 0.15	43.30 2.00 0.23	39.42 1.87 -0.25	46.86 1.99 0.09	41.11 1.76 0.10	43.04 1.72 0.16	37.43 1.75 0.09	34.12 1.72 0.06	43.25 2.03 0.15	57.53 2.65 0.17	44.30 1.71 0.01	40.85 1.49 0.01	46.00 0.99 0.07	47.18 0.95 0.03	41.01 1.03 0.04	36.10 1.00 0.00
RAVENSWOOD___2 23534	21.10 0.89 0.00	22.40 0.83 0.00	25.98 0.82 0.00	24.02 0.78 0.00	22.39 0.74 0.00	30.53 1.05 0.00	40.31 1.69 0.03	43.26 1.91 0.07	44.37 1.96 0.15	43.30 2.00 0.23	39.42 1.87 -0.25	46.86 1.99 0.09	41.11 1.76 0.10	43.04 1.72 0.16	37.43 1.75 0.09	34.12 1.72 0.06	43.25 2.03 0.15	57.53 2.65 0.17	44.30 1.71 0.01	40.85 1.49 0.01	46.00 0.99 0.07	47.18 0.95 0.03	41.01 1.03 0.04	36.10 1.00 0.00
RAVENSWOOD___3 23535	21.08 0.87 0.00	22.39 0.82 0.00	25.98 0.82 0.00	24.00 0.76 0.00	22.38 0.73 0.00	30.52 1.03 0.00	40.27 1.62 0.00	43.20 1.78 0.00	44.38 1.83 0.00	43.38 1.84 0.00	39.55 1.74 -0.51	46.95 1.84 -0.16	41.11 1.61 -0.05	43.05 1.57 0.00	37.39 1.61 0.00	34.07 1.60 0.00	43.25 1.88 0.00	57.56 2.51 0.00	44.23 1.63 0.00	40.81 1.43 0.00	45.99 0.91 0.00	47.12 0.86 0.00	40.94 0.93 0.00	36.03 0.93 0.00
RAVENSWOOD___4 23820	21.10 0.89 0.00	22.40 0.83 0.00	25.98 0.82 0.00	24.02 0.78 0.00	22.39 0.74 0.00	30.53 1.05 0.00	40.31 1.69 0.03	43.26 1.91 0.07	44.37 1.96 0.15	43.30 2.00 0.23	39.42 1.87 -0.25	46.86 1.99 0.09	41.11 1.76 0.10	43.04 1.72 0.16	37.43 1.75 0.09	34.12 1.72 0.06	43.25 2.03 0.15	57.53 2.65 0.17	44.30 1.71 0.01	40.85 1.49 0.01	46.00 0.99 0.07	47.18 0.95 0.03	41.01 1.03 0.04	36.10 1.00 0.00
RCPL_TRUST___DRP 24196	21.07 0.87 0.00	22.39 0.82 0.00	25.99 0.84 0.00	24.01 0.77 0.00	22.40 0.75 0.00	30.53 1.04 0.00	40.29 1.64 0.00	43.22 1.80 0.00	44.37 1.82 0.00	43.33 1.80 0.00	39.53 1.72 -0.51	46.91 1.79 -0.16	41.11 1.61 -0.05	43.08 1.61 0.00	37.41 1.64 0.00	34.10 1.63 0.00	43.29 1.92 0.00	57.61 2.55 0.00	44.26 1.66 0.00	40.83 1.45 0.00	46.00 0.91 0.00	47.13 0.86 0.00	40.94 0.92 0.00	36.03 0.93 0.00
RED___ROCHESTER 323720	20.21 0.01 0.00	21.73 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.79 0.13 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.85 -1.26	45.48 1.32 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.89 2.51 -5.42	49.96 2.16 -8.35	47.76 2.28 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.73 1.63 -1.73	59.31 1.88 -2.37	46.11 1.41 -2.10	44.07 0.98 -3.72	49.55 1.12 -3.34	54.45 1.41 -6.78	44.37 1.25 -3.11	37.15 0.98 -1.07
REGAN___SOLAR 323812	21.02 0.82 0.00	22.44 0.87 0.00	26.19 1.04 0.00	24.17 0.93 0.00	22.55 0.90 0.00	30.81 1.33 0.00	40.77 2.12 0.00	44.02 2.60 0.00	44.59 2.04 0.00	42.82 1.28 0.00	37.05 0.08 0.33	44.45 -0.41 0.10	38.85 -0.56 0.04	41.11 -0.37 0.00	35.57 -0.21 0.00	33.15 0.69 0.00	41.91 0.54 0.00	56.93 1.87 0.00	44.83 2.23 0.00	41.67 2.30 0.00	47.50 2.41 0.00	48.66 2.40 0.00	41.96 1.95 0.00	36.74 1.64 0.00
RENSSELAER___COGEN 23796	20.39 0.19 0.00	21.72 0.15 0.00	25.27 0.12 0.00	23.38 0.14 0.00	21.77 0.12 0.00	29.55 0.06 0.00	38.79 0.15 0.00	41.65 0.23 0.00	42.61 0.06 0.00	41.32 -0.22 0.00	36.64 -0.24 0.41	44.37 -0.46 0.13	38.98 -0.42 0.04	40.97 -0.51 0.00	35.44 -0.34 0.00	32.31 -0.15 0.00	41.15 -0.22 0.00	54.95 -0.11 0.00	42.37 -0.23 0.00	39.26 -0.12 0.00	44.63 -0.45 0.00	45.66 -0.60 0.00	39.49 -0.53 0.00	34.70 -0.41 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.82 2.62 0.00	24.27 2.70 0.00	28.16 3.01 0.00	26.03 2.79 0.00	24.30 2.65 0.00	33.20 3.71 0.00	43.83 5.18 0.00	46.66 5.23 0.00	46.61 4.06 0.00	45.10 3.57 0.00	39.67 2.87 0.50	47.76 2.96 0.15	42.05 2.65 0.05	44.18 2.71 0.00	38.56 2.78 0.00	35.18 2.72 0.00	44.99 3.62 0.00	60.96 5.90 0.00	47.38 4.78 0.00	44.18 4.80 0.00	50.44 5.36 0.00	50.78 4.51 0.00	43.34 3.32 0.00	38.06 2.95 0.00
REVERE_CPPR_DRP 24186	20.58 0.38 0.00	22.02 0.45 0.00	25.71 0.55 0.00	23.78 0.54 0.00	22.21 0.55 0.00	30.33 0.81 -0.03	40.10 1.46 0.00	44.24 1.66 -1.16	45.52 1.62 -1.35	60.33 1.10 -17.68	65.59 0.96 -27.34	163.57 1.23 -117.39	47.43 1.17 -6.82	46.13 1.39 -3.27	38.66 1.41 -1.47	35.16 1.22 -1.48	44.53 1.75 -1.41	59.61 2.62 -1.94	46.33 2.02 -1.71	44.22 1.81 -3.03	49.61 1.80 -2.72	53.62 1.84 -5.53	44.05 1.50 -2.53	37.11 1.14 -0.87
REYNLDPA_13_KV_LD 356490	20.35 0.14 0.00	21.75 0.18 0.00	25.43 0.27 0.00	23.50 0.26 0.00	21.90 0.25 0.00	29.76 0.28 0.00	38.87 0.23 0.00	41.69 0.27 0.00	42.84 0.29 0.00	13.56 0.55 28.52	-7.92 0.37 45.59	-151.13 0.18 196.27	39.49 0.04 0.00	42.08 0.60 0.00	36.19 0.42 0.00	32.77 0.31 0.00	41.78 0.41 0.00	55.42 0.36 0.00	43.15 0.54 0.00	40.01 0.64 0.00	46.24 1.16 0.00	47.37 1.11 0.00	41.02 1.00 0.00	35.97 0.86 0.00
REYNOLDS_115KV_TB3 80639	20.53 0.33 0.00	21.87 0.30 0.00	25.46 0.31 0.00	23.54 0.30 0.00	21.92 0.27 0.00	29.75 0.26 0.00	39.05 0.40 0.00	41.91 0.49 0.00	42.89 0.34 0.00	41.58 0.04 0.00	36.79 -0.02 0.49	44.61 -0.19 0.15	39.22 -0.18 0.05	41.21 -0.27 0.00	35.63 -0.14 0.00	32.47 0.00 0.00	41.38 0.01 0.00	55.24 0.18 0.00	42.56 -0.04 0.00	39.46 0.09 0.00	44.86 -0.22 0.00	45.90 -0.36 0.00	39.69 -0.33 0.00	34.89 -0.21 0.00
RIVERBAY____ 323610	21.52 1.33 0.00	22.85 1.29 0.00	26.54 1.39 0.00	24.54 1.30 0.00	22.88 1.23 0.00	31.25 1.76 0.00	41.27 2.63 0.00	44.24 2.82 0.00	45.46 2.91 0.00	44.39 2.85 -0.01	40.47 2.66 -0.51	48.05 2.93 -0.17	42.08 2.57 -0.06	44.07 2.59 -0.01	38.25 2.47 -0.01	34.85 2.38 -0.01	44.25 2.87 -0.01	58.72 3.66 0.00	45.14 2.54 0.00	41.65 2.27 0.00	47.03 1.94 0.00	48.17 1.90 0.00	41.89 1.87 0.00	36.91 1.80 0.00
RIVERSDE_115KV_TB3 55908	20.48 0.28 0.00	21.81 0.24 0.00	25.38 0.23 0.00	23.47 0.24 0.00	21.86 0.21 0.00	29.67 0.18 0.00	38.95 0.30 0.00	41.81 0.39 0.00	42.79 0.24 0.00	41.50 -0.04 0.00	36.75 -0.10 0.45	44.53 -0.28 0.14	39.14 -0.26 0.05	41.14 -0.34 0.00	35.59 -0.19 0.00	32.44 -0.02 0.00	41.33 -0.04 0.00	55.18 0.12 0.00	42.53 -0.07 0.00	39.42 0.04 0.00	44.79 -0.29 0.00	45.83 -0.43 0.00	39.61 -0.40 0.00	34.83 -0.28 0.00
ROARING___BROOK_WT_PWR 323790	-0.80 -0.65 20.35	20.92 -0.65 0.00	24.57 -0.58 0.00	22.74 -0.50 0.00	21.23 -0.42 0.00	28.93 -0.55 0.00	37.74 -0.91 0.00	40.52 -0.90 0.00	41.69 -0.86 0.00	36.30 -0.49 4.75	29.47 -0.24 7.59	11.94 -0.35 32.66	39.22 -0.23 0.00	41.38 -0.10 0.00	35.64 -0.13 0.00	32.38 -0.08 0.00	41.18 -0.19 0.00	54.84 -0.21 0.00	42.44 -0.15 0.00	39.09 -0.29 0.00	44.78 -0.31 0.00	45.97 -0.29 0.00	39.73 -0.28 0.00	34.78 -0.32 0.00

ROCHESRG_115KV_T4 355643	20.01 -0.19 0.00	21.51 -0.05 0.00	25.07 -0.09 0.00	23.11 -0.12 0.00	21.57 -0.08 0.00	29.57 0.05 -0.04	39.02 0.37 0.00	43.05 0.40 -1.23	44.94 0.82 -1.58	44.36 1.29 -1.54	39.93 1.29 -1.34	52.20 1.95 -5.30	49.26 1.67 -8.14	47.08 1.70 -3.90	38.88 1.36 -1.75	35.16 0.93 -1.77	44.09 1.03 -1.69	58.38 1.01 -2.32	45.40 0.75 -2.05	43.39 0.39 -3.63	48.80 0.46 -3.26	53.63 0.76 -6.61	43.78 0.73 -3.03	36.70 0.56 -1.04
ROCHESTER_9_IC 23652	20.12 -0.08 0.00	21.63 0.06 0.00	25.20 0.04 0.00	23.23 0.00 0.00	21.68 0.03 0.00	29.74 0.21 -0.04	39.26 0.61 0.00	43.34 0.67 -1.26	45.26 1.10 -1.61	44.69 1.59 -1.57	40.25 1.57 -1.38	52.65 2.27 -5.42	49.74 1.95 -8.35	47.51 2.03 -4.00	39.21 1.64 -1.80	35.46 1.18 -1.82	44.46 1.36 -1.73	58.92 1.49 -2.37	45.81 1.11 -2.10	43.81 0.72 -3.72	49.25 0.82 -3.34	54.16 1.12 -6.78	44.14 1.02 -3.11	36.97 0.80 -1.07
ROCKVIEW_13_KV_LD 356306	21.06 0.86 0.00	22.36 0.79 0.00	25.96 0.81 0.00	23.97 0.74 0.00	22.35 0.70 0.00	30.48 0.99 0.00	40.22 1.58 0.00	43.14 1.72 0.00	44.31 1.76 0.00	43.28 1.74 0.00	39.46 1.65 -0.51	46.83 1.72 -0.16	41.04 1.53 -0.05	43.00 1.53 0.00	37.30 1.53 0.00	34.00 1.53 0.00	43.17 1.80 0.00	57.50 2.45 0.00	44.20 1.60 0.00	40.82 1.44 0.00	46.02 0.94 0.00	47.16 0.90 0.00	40.93 0.92 0.00	35.97 0.86 0.00
ROME____115KV_TB2 80656	20.58 0.38 0.00	22.02 0.45 0.00	25.71 0.55 0.00	23.78 0.54 0.00	22.21 0.55 0.00	30.33 0.81 -0.03	40.10 1.46 0.00	44.24 1.66 -1.16	45.52 1.62 -1.35	60.33 1.10 -17.68	65.59 0.96 -27.34	163.57 1.23 -117.39	47.43 1.17 -6.82	46.13 1.39 -3.27	38.66 1.41 -1.47	35.16 1.22 -1.48	44.53 1.75 -1.41	59.61 2.62 -1.94	46.33 2.02 -1.71	44.22 1.81 -3.03	49.61 1.80 -2.72	53.62 1.84 -5.53	44.05 1.50 -2.53	37.11 1.14 -0.87
ROSETON___1 23587	20.81 0.61 0.00	22.13 0.56 0.00	25.73 0.57 0.00	23.76 0.52 0.00	22.14 0.48 0.00	30.16 0.67 0.00	39.74 1.09 0.00	42.62 1.20 0.00	43.75 1.20 0.00	42.65 1.11 0.00	38.78 1.01 -0.47	46.13 1.03 -0.15	40.39 0.89 -0.05	42.30 0.82 0.00	36.66 0.88 0.00	33.37 0.91 0.00	42.41 1.04 0.00	56.51 1.45 0.00	43.48 0.88 0.00	40.18 0.81 0.00	45.44 0.35 0.00	46.57 0.30 0.00	40.37 0.35 0.00	35.49 0.39 0.00
ROSETON___2 23588	20.81 0.61 0.00	22.13 0.56 0.00	25.73 0.57 0.00	23.76 0.52 0.00	22.14 0.48 0.00	30.16 0.67 0.00	39.74 1.09 0.00	42.62 1.20 0.00	43.75 1.20 0.00	42.65 1.11 0.00	38.78 1.01 -0.47	46.13 1.03 -0.15	40.39 0.89 -0.05	42.30 0.82 0.00	36.66 0.88 0.00	33.37 0.91 0.00	42.41 1.04 0.00	56.51 1.45 0.00	43.48 0.88 0.00	40.18 0.81 0.00	45.44 0.35 0.00	46.57 0.30 0.00	40.37 0.35 0.00	35.49 0.39 0.00
ROTRRDAM_115KV_TB3 80664	20.68 0.48 0.00	22.07 0.49 0.00	25.73 0.58 0.00	23.75 0.52 0.00	22.13 0.47 0.00	30.14 0.65 0.00	39.62 0.97 0.00	42.51 1.09 0.00	43.55 1.00 0.00	42.23 0.69 0.00	37.40 0.48 0.38	45.30 0.46 0.12	39.77 0.36 0.04	41.80 0.32 0.00	36.12 0.35 0.00	32.87 0.41 0.00	41.93 0.56 0.00	56.02 0.97 0.00	43.32 0.72 0.00	40.07 0.70 0.00	45.64 0.55 0.00	46.77 0.51 0.00	40.42 0.41 0.00	35.49 0.39 0.00
RUSSELL___1 23602	20.21 0.01 0.00	21.72 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.77 0.11 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.86 -1.26	45.48 1.31 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.90 2.52 -5.42	49.97 2.17 -8.35	47.76 2.29 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.74 1.64 -1.73	59.30 1.87 -2.37	46.11 1.41 -2.10	44.08 0.98 -3.72	49.56 1.13 -3.34	54.45 1.41 -6.78	44.38 1.26 -3.11	37.15 0.98 -1.07
RUSSELL___2 23532	20.21 0.01 0.00	21.72 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.77 0.11 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.86 -1.26	45.48 1.31 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.90 2.52 -5.42	49.97 2.17 -8.35	47.76 2.29 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.74 1.64 -1.73	59.30 1.87 -2.37	46.11 1.41 -2.10	44.08 0.98 -3.72	49.56 1.13 -3.34	54.45 1.41 -6.78	44.38 1.26 -3.11	37.15 0.98 -1.07
RUSSELL___3 23549	20.21 0.01 0.00	21.72 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.77 0.11 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.86 -1.26	45.48 1.31 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.90 2.52 -5.42	49.97 2.17 -8.35	47.76 2.29 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.74 1.64 -1.73	59.30 1.87 -2.37	46.11 1.41 -2.10	44.08 0.98 -3.72	49.56 1.13 -3.34	54.45 1.41 -6.78	44.38 1.26 -3.11	37.15 0.98 -1.07
RUSSELL___4 23556	20.21 0.01 0.00	21.72 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.77 0.11 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.86 -1.26	45.48 1.31 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.90 2.52 -5.42	49.97 2.17 -8.35	47.76 2.29 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.74 1.64 -1.73	59.30 1.87 -2.37	46.11 1.41 -2.10	44.08 0.98 -3.72	49.56 1.13 -3.34	54.45 1.41 -6.78	44.38 1.26 -3.11	37.15 0.98 -1.07
RUSSELL___STATION 23914	20.21 0.01 0.00	21.72 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.77 0.11 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.86 -1.26	45.48 1.31 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.90 2.52 -5.42	49.97 2.17 -8.35	47.76 2.29 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.74 1.64 -1.73	59.30 1.87 -2.37	46.11 1.41 -2.10	44.08 0.98 -3.72	49.56 1.13 -3.34	54.45 1.41 -6.78	44.38 1.26 -3.11	37.15 0.98 -1.07
S SALMON___HYD 24043	19.93 -0.28 0.00	21.36 -0.21 0.00	24.92 -0.24 0.00	23.00 -0.24 0.00	21.46 -0.19 0.00	29.37 -0.22 -0.11	38.72 0.08 0.00	45.28 0.56 -3.30	46.92 0.53 -3.84	66.27 0.12 -24.62	74.29 0.29 -36.69	202.39 -0.35 -157.09	59.50 0.59 -19.45	51.37 0.56 -9.33	40.62 0.66 -4.19	37.25 0.56 -4.23	45.93 0.52 -4.03	61.55 0.97 -5.52	48.28 0.79 -4.89	48.65 0.62 -8.65	53.22 0.35 -7.78	62.64 0.61 -15.77	47.66 0.42 -7.23	37.79 0.20 -2.48
S.PERRY__115KV_TB1 80734	20.28 0.08 0.00	21.84 0.27 0.00	25.41 0.25 0.00	23.44 0.20 0.00	21.96 0.30 0.00	30.27 0.74 -0.05	40.13 1.49 0.00	44.57 1.56 -1.59	46.42 1.91 -1.96	45.83 2.40 -1.89	41.22 2.27 -1.65	54.48 2.79 -6.74	51.51 2.05 -10.02	48.44 2.16 -4.80	40.17 2.24 -2.16	36.31 1.67 -2.17	45.19 1.75 -2.07	60.31 2.42 -2.84	47.56 2.45 -2.51	45.90 2.09 -4.44	51.39 2.31 -4.00	57.08 2.73 -8.10	46.11 2.38 -3.71	38.19 1.81 -1.28
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.61 -0.58 0.00	21.30 -0.27 0.00	24.82 -0.34 0.00	22.85 -0.39 0.00	21.36 -0.30 0.00	29.37 -0.16 -0.04	38.70 0.05 0.00	42.62 -0.19 -1.39	44.91 0.66 -1.70	44.75 1.58 -1.64	40.38 1.64 -1.44	54.03 2.78 -6.30	50.48 2.32 -8.71	47.89 2.23 -4.18	39.37 1.72 -1.88	35.49 1.11 -1.91	44.23 1.03 -1.83	57.67 0.12 -2.50	44.80 -0.01 -2.21	42.73 -0.55 -3.91	48.27 -0.33 -3.51	53.80 0.41 -7.13	44.00 0.73 -3.27	36.91 0.69 -1.12

SAWYER___23_KV_LOAD 55526	19.61 -0.58 0.00	21.30 -0.27 0.00	24.82 -0.34 0.00	22.85 -0.39 0.00	21.36 -0.30 0.00	29.37 -0.16 -0.04	38.70 0.05 0.00	42.62 -0.19 -1.39	44.91 0.66 -1.70	44.75 1.58 -1.64	40.38 1.64 -1.44	54.03 2.78 -6.30	50.48 2.32 -8.71	47.89 2.23 -4.18	39.37 1.72 -1.88	35.49 1.11 -1.91	44.23 1.03 -1.83	57.67 0.12 -2.50	44.80 -0.01 -2.21	42.73 -0.55 -3.91	48.27 -0.33 -3.51	53.80 0.41 -7.13	44.00 0.73 -3.27	36.91 0.69 -1.12
SELKIRK___I 23801	20.57 0.37 0.00	21.95 0.38 0.00	25.55 0.40 0.00	23.63 0.39 0.00	22.01 0.36 0.00	29.92 0.43 0.00	39.29 0.64 0.00	42.09 0.67 0.00	42.98 0.43 0.00	41.55 0.02 0.00	37.05 -0.05 0.19	44.71 -0.19 0.06	39.23 -0.20 0.02	41.24 -0.24 0.00	35.68 -0.09 0.00	32.57 0.10 0.00	41.54 0.17 0.00	55.48 0.42 0.00	42.86 0.26 0.00	39.69 0.31 0.00	45.17 0.08 0.00	46.27 0.01 0.00	40.02 0.00 0.00	35.16 0.06 0.00
SELKIRK___II 23799	20.45 0.25 0.00	21.80 0.23 0.00	25.38 0.23 0.00	23.47 0.23 0.00	21.86 0.20 0.00	29.70 0.21 0.00	39.00 0.36 0.00	41.83 0.41 0.00	42.87 0.32 0.00	41.60 0.07 0.00	37.04 0.03 0.29	44.76 -0.11 0.09	39.30 -0.12 0.03	41.29 -0.19 0.00	35.68 -0.09 0.00	32.50 0.04 0.00	41.40 0.03 0.00	55.23 0.17 0.00	42.60 0.00 0.00	39.46 0.08 0.00	44.86 -0.23 0.00	45.94 -0.32 0.00	39.73 -0.28 0.00	34.92 -0.19 0.00
SENECA OSWGO___HYD 24041	20.07 -0.13 0.00	21.45 -0.12 0.00	24.99 -0.16 0.00	23.06 -0.18 0.00	21.51 -0.14 0.00	29.46 -0.09 -0.06	38.77 0.12 0.00	43.73 0.18 -2.12	45.08 0.08 -2.46	49.67 0.17 -7.96	48.52 0.20 -11.02	92.02 0.19 -46.88	52.10 0.20 -12.45	47.56 0.12 -5.96	38.48 0.02 -2.68	35.22 0.05 -2.70	44.04 0.09 -2.58	58.76 0.16 -3.54	45.79 0.06 -3.13	44.89 -0.02 -5.54	49.88 -0.18 -4.98	56.23 -0.12 -10.09	44.47 -0.17 -4.62	36.46 -0.23 -1.59
SENECA___115KV_TB3 355854	19.69 -0.51 0.00	21.37 -0.20 0.00	24.88 -0.27 0.00	22.91 -0.33 0.00	21.43 -0.23 0.00	29.51 -0.02 -0.04	38.90 0.25 0.00	42.90 0.05 -1.43	45.16 0.87 -1.74	44.95 1.74 -1.68	40.59 1.82 -1.47	54.39 3.01 -6.42	50.87 2.51 -8.90	48.18 2.43 -4.27	39.63 1.94 -1.92	35.75 1.35 -1.94	44.63 1.40 -1.86	58.35 0.76 -2.54	45.35 0.50 -2.25	43.23 -0.12 -3.97	48.83 0.17 -3.57	54.37 0.87 -7.24	44.39 1.06 -3.32	37.18 0.93 -1.14
SENECA___ENERGY 23797	20.15 -0.05 0.00	21.57 0.00 0.00	25.12 -0.03 0.00	23.18 -0.06 0.00	21.67 0.02 0.00	29.79 0.22 -0.09	39.29 0.64 0.00	45.43 0.70 -3.31	47.00 0.68 -3.77	49.57 0.74 -7.29	47.30 0.94 -9.06	84.49 1.39 -38.15	59.59 1.10 -19.05	51.40 0.79 -9.13	40.65 0.77 -4.10	37.35 0.75 -4.14	46.30 0.98 -3.95	61.75 1.28 -5.41	48.42 1.04 -4.78	48.62 0.78 -8.47	53.41 0.71 -7.62	62.57 0.87 -15.44	47.83 0.75 -7.07	38.10 0.56 -2.43
SHOEMAKER___GT 23640	20.73 0.53 0.00	22.05 0.48 0.00	25.64 0.49 0.00	23.67 0.44 0.00	22.05 0.40 0.00	30.06 0.58 0.00	39.61 0.97 0.00	42.48 1.06 0.00	43.62 1.07 0.00	42.55 1.01 0.00	38.61 0.89 -0.43	46.00 0.91 -0.13	40.27 0.78 -0.05	42.15 0.67 0.00	36.51 0.73 0.00	33.26 0.80 0.00	42.35 0.98 0.00	56.42 1.36 0.00	43.50 0.90 0.00	40.18 0.81 0.00	45.48 0.40 0.00	46.63 0.37 0.00	40.41 0.40 0.00	35.51 0.40 0.00
SHOEMAKR_138KV_BK 111 55601	20.73 0.53 0.00	22.04 0.47 0.00	25.63 0.48 0.00	23.67 0.43 0.00	22.06 0.40 0.00	30.05 0.57 0.00	39.60 0.95 0.00	42.46 1.04 0.00	43.60 1.05 0.00	42.53 1.00 0.00	38.61 0.89 -0.42	46.01 0.92 -0.13	40.28 0.78 -0.05	42.17 0.69 0.00	36.52 0.75 0.00	33.28 0.82 0.00	42.35 0.98 0.00	56.43 1.38 0.00	43.48 0.88 0.00	40.16 0.79 0.00	45.44 0.36 0.00	46.60 0.35 0.00	40.39 0.38 0.00	35.50 0.40 0.00
SHOREHAM_IC_1 23715	20.60 0.40 0.00	21.81 0.24 0.00	25.20 0.05 0.00	23.38 0.14 0.00	21.86 0.20 0.00	29.85 0.36 0.00	39.31 0.67 0.00	42.06 0.64 0.00	43.22 0.66 0.00	42.22 0.68 0.00	38.65 0.84 -0.50	44.87 -0.24 -0.16	39.80 0.29 -0.05	41.40 -0.08 0.00	36.26 0.48 0.00	33.07 0.60 0.00	41.61 0.24 0.00	55.64 0.58 0.00	42.97 0.37 0.00	39.75 0.38 0.00	44.40 -0.68 0.00	44.89 -0.91 0.47	38.47 -0.72 0.82	34.75 -0.36 0.00
SHOREHAM_IC_2 23716	20.60 0.40 0.00	21.81 0.24 0.00	25.20 0.05 0.00	23.38 0.15 0.00	21.87 0.22 0.00	29.85 0.36 0.00	39.31 0.66 0.00	42.05 0.63 0.00	43.21 0.66 0.00	42.21 0.67 0.00	38.67 0.86 -0.50	44.86 -0.25 -0.16	39.77 0.26 -0.05	41.41 -0.06 0.00	36.25 0.48 0.00	33.07 0.61 0.00	41.62 0.25 0.00	55.64 0.58 0.00	42.96 0.36 0.00	39.75 0.37 0.00	44.40 -0.68 0.00	44.89 -0.90 0.47	38.47 -0.72 0.82	34.74 -0.36 0.00
SISSONVILLE___ 23735	20.29 0.09 0.00	21.70 0.13 0.00	25.41 0.26 0.00	23.48 0.24 0.00	21.92 0.27 0.00	29.80 0.30 -0.02	39.09 0.44 0.00	42.64 0.70 -0.52	43.88 0.73 -0.60	230.83 0.88 -188.42	338.70 0.65 -300.75	1340.59 1.06 -1294.58	43.29 0.81 -3.03	44.04 1.11 -1.45	37.07 0.64 -0.65	33.57 0.45 -0.66	42.45 0.45 -0.63	56.41 0.49 -0.86	44.07 0.71 -0.76	41.56 0.84 -1.35	47.62 1.32 -1.21	49.98 1.26 -2.46	42.37 1.23 -1.13	36.71 1.22 -0.39
SITHE_IND_GS1 24169	19.58 -0.62 0.00	20.93 -0.64 0.00	24.40 -0.75 0.00	22.52 -0.72 0.00	21.00 -0.65 0.00	28.11 -0.84 0.54	37.67 -0.98 0.00	20.34 -1.02 20.06	18.10 -1.01 23.44	18.14 -0.96 22.44	16.84 -0.82 19.65	-35.16 -0.90 79.21	-80.34 -0.76 119.03	-16.42 -0.85 57.05	9.39 -0.75 25.63	5.89 -0.72 25.86	15.76 -0.93 24.67	20.05 -1.21 33.79	11.73 -0.96 29.91	-14.53 -0.96 52.94	-3.71 -1.19 47.60	-51.40 -1.18 96.48	-5.24 -1.04 44.21	18.96 -0.96 15.18
SITHE_IND_GS2 24170	19.58 -0.62 0.00	20.93 -0.64 0.00	24.40 -0.75 0.00	22.52 -0.72 0.00	21.00 -0.65 0.00	28.11 -0.84 0.54	37.67 -0.98 0.00	20.34 -1.02 20.06	18.10 -1.01 23.44	18.14 -0.96 22.44	16.84 -0.82 19.65	-35.16 -0.90 79.21	-80.34 -0.76 119.03	-16.42 -0.85 57.05	9.39 -0.75 25.63	5.89 -0.72 25.86	15.76 -0.93 24.67	20.05 -1.21 33.79	11.73 -0.96 29.91	-14.53 -0.96 52.94	-3.71 -1.19 47.60	-51.40 -1.18 96.48	-5.24 -1.04 44.21	18.96 -0.96 15.18
SITHE_IND_GS3 24171	19.58 -0.62 0.00	20.93 -0.64 0.00	24.40 -0.75 0.00	22.52 -0.72 0.00	21.00 -0.65 0.00	28.11 -0.84 0.54	37.67 -0.98 0.00	20.34 -1.02 20.06	18.10 -1.01 23.44	18.14 -0.96 22.44	16.84 -0.82 19.65	-35.16 -0.90 79.21	-80.34 -0.76 119.03	-16.42 -0.85 57.05	9.39 -0.75 25.63	5.89 -0.72 25.86	15.76 -0.93 24.67	20.05 -1.21 33.79	11.73 -0.96 29.91	-14.53 -0.96 52.94	-3.71 -1.19 47.60	-51.40 -1.18 96.48	-5.24 -1.04 44.21	18.96 -0.96 15.18
SITHE_IND_GS4 24172	19.58 -0.62 0.00	20.93 -0.64 0.00	24.40 -0.75 0.00	22.52 -0.72 0.00	21.00 -0.65 0.00	28.11 -0.84 0.54	37.67 -0.98 0.00	20.34 -1.02 20.06	18.10 -1.01 23.44	18.14 -0.96 22.44	16.84 -0.82 19.65	-35.16 -0.90 79.21	-80.34 -0.76 119.03	-16.42 -0.85 57.05	9.39 -0.75 25.63	5.89 -0.72 25.86	15.76 -0.93 24.67	20.05 -1.21 33.79	11.73 -0.96 29.91	-14.53 -0.96 52.94	-3.71 -1.19 47.60	-51.40 -1.18 96.48	-5.24 -1.04 44.21	18.96 -0.96 15.18

SITHE___BATAVIA 24024	20.31 0.11 0.00	21.94 0.37 0.00	25.55 0.39 0.00	23.53 0.29 0.00	22.03 0.37 0.00	30.28 0.75 -0.04	40.03 1.39 0.00	44.19 1.43 -1.34	46.56 2.33 -1.68	46.17 3.00 -1.63	41.57 2.84 -1.43	56.72 3.64 -8.12	51.15 3.05 -8.65	48.83 3.20 -4.15	40.42 2.78 -1.86	36.35 2.01 -1.88	45.10 1.93 -1.80	59.67 2.16 -2.46	46.64 1.87 -2.18	44.62 1.40 -3.85	50.29 1.74 -3.46	55.52 2.24 -7.02	45.29 2.06 -3.22	38.00 1.79 -1.10
SITHE___INDEPEND 23800	19.58 -0.62 0.00	20.93 -0.64 0.00	24.40 -0.76 0.00	22.52 -0.72 0.00	21.00 -0.65 0.00	28.11 -0.84 0.54	37.67 -0.98 0.00	20.34 -1.02 20.06	18.10 -1.01 23.44	18.14 -0.96 22.44	16.84 -0.82 19.65	-35.16 -0.90 79.21	-80.34 -0.75 119.03	-16.43 -0.85 57.05	9.39 -0.75 25.63	5.89 -0.72 25.86	15.76 -0.94 24.67	20.05 -1.21 33.79	11.73 -0.96 29.91	-14.53 -0.96 52.94	-3.71 -1.19 47.60	-51.40 -1.19 96.48	-5.24 -1.04 44.21	18.96 -0.97 15.18
SITHE___MASSENA 23902	20.32 0.12 0.00	21.73 0.16 0.00	25.42 0.27 0.00	23.49 0.25 0.00	21.90 0.24 0.00	29.75 0.27 0.00	38.90 0.26 0.00	41.77 0.35 0.00	42.94 0.38 0.00	314.47 0.77 -272.17	472.88 0.54 -435.03	1918.63 0.89 -1872.79	40.11 0.66 0.00	42.38 0.91 0.00	36.25 0.48 0.00	32.87 0.40 0.00	41.82 0.45 0.00	55.45 0.40 0.00	43.18 0.58 0.00	40.07 0.70 0.00	46.29 1.21 0.00	47.41 1.15 0.00	41.06 1.05 0.00	36.05 0.94 0.00
SITHE___OGDNSBRG 24021	20.65 0.45 0.00	22.10 0.53 0.00	25.87 0.72 0.00	23.90 0.66 0.00	22.30 0.65 0.00	30.33 0.83 -0.01	39.73 1.09 0.00	42.74 1.32 0.00	43.83 1.28 0.00	263.50 1.37 -220.60	390.96 1.06 -352.60	1564.47 1.61 -1517.91	40.63 1.19 0.00	43.05 1.57 0.00	36.60 0.83 0.00	33.34 0.88 0.00	42.58 1.21 0.00	56.55 1.50 0.00	44.11 1.51 0.00	40.99 1.62 0.00	47.36 2.27 0.00	48.43 2.17 0.00	41.94 1.93 0.00	36.83 1.73 0.00
SITHE___STERLING 23777	20.47 0.27 0.00	21.89 0.32 0.00	25.52 0.37 0.00	23.59 0.36 0.00	22.04 0.38 0.00	30.13 0.60 -0.04	39.74 1.09 0.00	43.93 1.18 -1.33	45.23 1.15 -1.53	54.85 0.81 -12.50	56.94 0.72 -18.92	127.01 0.96 -81.10	48.09 0.87 -7.77	46.19 0.99 -3.72	38.46 1.02 -1.67	35.03 0.88 -1.69	44.29 1.31 -1.61	59.21 1.94 -2.21	46.05 1.50 -1.95	44.13 1.30 -3.46	49.44 1.25 -3.11	53.83 1.27 -6.30	43.91 1.01 -2.89	36.85 0.76 -0.99
SLEIGHT__34_KV_TB1 80719	19.96 -0.24 0.00	21.41 -0.16 0.00	24.93 -0.22 0.00	23.00 -0.24 0.00	21.46 -0.19 0.00	29.46 -0.08 -0.05	38.90 0.25 0.00	43.47 0.26 -1.79	45.19 0.48 -2.15	44.34 0.74 -2.07	39.91 0.80 -1.81	53.48 1.30 -7.23	51.60 1.17 -10.98	47.76 1.02 -5.26	38.96 0.82 -2.37	35.46 0.61 -2.39	44.44 0.79 -2.28	59.03 0.85 -3.12	46.04 0.68 -2.76	44.69 0.42 -4.89	49.88 0.40 -4.39	55.70 0.54 -8.90	44.54 0.44 -4.08	36.78 0.27 -1.40
SMITHTWN_69_KV_BK 1 55830	20.90 0.70 0.00	22.14 0.57 0.00	25.59 0.44 0.00	23.71 0.47 0.00	22.17 0.51 0.00	30.26 0.78 0.00	39.85 1.20 0.00	42.60 1.18 0.00	43.83 1.27 0.00	42.88 1.34 0.00	39.32 1.51 -0.50	45.70 0.59 -0.16	40.55 1.04 -0.05	42.23 0.75 0.00	36.91 1.14 0.00	33.64 1.18 0.00	42.32 0.94 0.00	56.53 1.47 0.00	43.61 1.01 0.00	40.32 0.95 0.00	45.09 0.00 0.00	45.60 -0.19 0.47	39.10 -0.09 0.82	35.31 0.21 0.00
SOUTH CAIRO___GT 23612	20.93 0.73 0.00	22.31 0.74 0.00	25.95 0.80 0.00	24.00 0.76 0.00	22.38 0.73 0.00	30.46 0.97 0.00	40.13 1.48 0.00	43.13 1.71 0.00	44.36 1.81 0.00	42.37 0.83 0.00	37.73 0.43 0.00	45.17 0.21 0.00	39.54 0.09 0.00	41.39 -0.09 0.00	35.75 -0.02 0.00	32.84 0.38 0.00	42.01 0.64 0.00	56.35 1.30 0.00	43.90 1.30 0.00	40.84 1.47 0.00	46.44 1.36 0.00	47.43 1.17 0.00	40.88 0.87 0.00	35.79 0.68 0.00
SOUTH HAMPTN___IC 23720	20.86 0.66 0.00	22.09 0.52 0.00	25.58 0.42 0.00	23.75 0.52 0.00	22.22 0.56 0.00	30.35 0.86 0.00	39.99 1.35 0.00	42.77 1.35 0.00	43.95 1.40 0.00	42.96 1.43 0.00	39.34 1.54 -0.50	45.73 0.62 -0.16	40.53 1.02 -0.05	42.15 0.66 0.00	36.91 1.14 0.00	33.66 1.20 0.00	42.42 1.05 0.00	56.73 1.68 0.00	43.78 1.18 0.00	40.48 1.11 0.00	45.19 0.11 0.00	45.66 -0.13 0.47	39.09 -0.10 0.82	35.27 0.16 0.00
SOUTHDOW_115KV_TB1 355954	19.66 -0.54 0.00	21.22 -0.35 0.00	24.71 -0.44 0.00	22.69 -0.55 0.00	21.34 -0.32 0.00	29.51 -0.02 -0.04	39.57 0.92 0.00	43.69 0.78 -1.49	45.96 1.64 -1.77	45.64 2.40 -1.71	41.21 2.41 -1.50	55.32 3.87 -6.49	51.81 3.31 -9.05	48.92 3.10 -4.34	40.41 2.69 -1.95	36.71 2.27 -1.98	45.97 2.71 -1.89	60.27 2.62 -2.59	46.16 1.28 -2.29	43.99 0.58 -4.04	49.54 0.82 -3.63	55.05 1.43 -7.36	44.93 1.55 -3.37	37.43 1.17 -1.16
SOUTHOLD_69_KV_BK 2 55809	21.10 0.90 0.00	22.36 0.79 0.00	25.95 0.80 0.00	24.16 0.92 0.00	22.62 0.97 0.00	30.93 1.44 0.00	40.76 2.12 0.00	43.57 2.15 0.00	44.76 2.21 0.00	43.75 2.22 0.00	40.08 2.27 -0.50	46.59 1.48 -0.16	41.23 1.73 -0.05	42.88 1.40 0.00	37.55 1.78 0.00	34.26 1.80 0.00	43.26 1.89 0.00	57.88 2.83 0.00	44.67 2.08 0.00	41.27 1.90 0.00	46.06 0.98 0.00	46.51 0.72 0.47	39.72 0.53 0.82	35.78 0.67 0.00
SOUTHOLD___IC 23719	21.10 0.90 0.00	22.36 0.79 0.00	25.95 0.80 0.00	24.16 0.92 0.00	22.61 0.96 0.00	30.93 1.44 0.00	40.76 2.12 0.00	43.58 2.16 0.00	44.77 2.22 0.00	43.76 2.23 0.00	40.05 2.25 -0.50	46.60 1.48 -0.16	41.26 1.76 -0.05	42.86 1.39 0.00	37.56 1.78 0.00	34.26 1.79 0.00	43.26 1.89 0.00	57.88 2.83 0.00	44.67 2.08 0.00	41.28 1.90 0.00	46.06 0.98 0.00	46.52 0.72 0.47	39.72 0.53 0.82	35.78 0.68 0.00
SOUTH_FORK_WT_PWR 323839	21.10 0.90 0.00	22.35 0.78 0.00	25.99 0.84 0.00	24.24 1.00 0.00	22.69 1.03 0.00	31.04 1.56 0.00	40.91 2.26 0.00	43.71 2.29 0.00	44.89 2.34 0.00	43.87 2.33 0.00	40.16 2.36 -0.50	46.72 1.61 -0.16	41.35 1.85 -0.05	42.94 1.46 0.00	37.62 1.85 0.00	34.32 1.85 0.00	43.34 1.96 0.00	58.00 2.95 0.00	44.76 2.16 0.00	41.35 1.98 0.00	46.13 1.05 0.00	46.59 0.80 0.47	39.73 0.54 0.82	35.79 0.69 0.00
SPIERFLS_115KV_TB 1 80737	21.49 1.29 0.00	22.90 1.33 0.00	26.65 1.50 0.00	24.61 1.38 0.00	22.95 1.29 0.00	31.22 1.74 0.00	41.17 2.52 0.00	44.11 2.69 0.00	44.88 2.33 0.00	43.30 1.77 0.00	38.08 1.27 0.49	46.14 1.34 0.15	40.36 0.96 0.05	42.25 0.77 0.00	36.38 0.61 0.00	33.13 0.67 0.00	42.34 0.96 0.00	57.03 1.98 0.00	44.12 1.52 0.00	40.91 1.54 0.00	46.60 1.52 0.00	47.62 1.36 0.00	40.97 0.95 0.00	35.98 0.87 0.00
ST LAWRENCE____ 23600	20.14 -0.06 0.00	21.53 -0.04 0.00	25.15 0.00 0.00	23.24 0.00 0.00	21.67 0.01 0.00	29.45 -0.04 0.00	38.46 -0.18 0.00	41.26 -0.16 0.00	42.43 -0.13 0.00	20.74 0.07 20.87	3.99 -0.01 33.30	-98.36 0.06 143.38	39.45 0.00 0.00	41.64 0.16 0.00	35.77 0.00 0.00	32.42 -0.04 0.00	41.35 -0.02 0.00	54.83 -0.23 0.00	42.67 0.07 0.00	39.58 0.21 0.00	45.71 0.63 0.00	46.83 0.57 0.00	40.54 0.52 0.00	35.54 0.44 0.00

STATE_CA_115KV_115_LB 55624	20.50 0.30 0.00	21.83 0.26 0.00	25.41 0.25 0.00	23.50 0.26 0.00	21.90 0.24 0.00	29.72 0.23 0.00	39.03 0.39 0.00	41.90 0.48 0.00	42.89 0.34 0.00	41.59 0.06 0.00	36.85 -0.02 0.43	44.64 -0.18 0.13	39.24 -0.16 0.05	41.25 -0.23 0.00	35.70 -0.07 0.00	32.57 0.11 0.00	41.48 0.11 0.00	55.39 0.34 0.00	42.70 0.10 0.00	39.56 0.19 0.00	44.95 -0.14 0.00	45.98 -0.28 0.00	39.74 -0.28 0.00	34.90 -0.20 0.00
STATE_ST_34_KV_LOAD 55959	20.17 -0.03 0.00	21.58 0.01 0.00	25.14 -0.01 0.00	23.21 -0.03 0.00	21.66 0.01 0.00	29.73 0.15 -0.09	39.12 0.47 0.00	45.25 0.45 -3.38	46.90 0.49 -3.86	49.48 0.48 -7.46	47.08 0.51 -9.26	84.76 0.81 -38.99	59.73 0.76 -19.51	51.38 0.55 -9.35	40.44 0.46 -4.20	37.10 0.40 -4.24	46.04 0.62 -4.05	61.53 0.93 -5.54	48.20 0.70 -4.90	48.57 0.52 -8.68	53.34 0.45 -7.80	62.62 0.54 -15.82	47.70 0.44 -7.25	37.90 0.30 -2.49
STATION_5_MISC_HYD 23604	20.12 -0.08 0.00	21.64 0.07 0.00	25.20 0.04 0.00	23.24 0.00 0.00	21.70 0.04 0.00	29.74 0.21 -0.04	39.26 0.61 0.00	43.34 0.66 -1.26	45.26 1.10 -1.61	44.70 1.59 -1.57	40.24 1.56 -1.38	52.64 2.27 -5.42	49.74 1.95 -8.35	47.51 2.04 -4.00	39.22 1.65 -1.80	35.46 1.18 -1.82	44.47 1.36 -1.73	58.92 1.49 -2.37	45.80 1.10 -2.10	43.79 0.70 -3.72	49.24 0.81 -3.34	54.15 1.12 -6.78	44.13 1.02 -3.11	36.97 0.80 -1.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.31 0.11 0.00	21.78 0.21 0.00	25.36 0.21 0.00	23.39 0.15 0.00	21.88 0.22 0.00	30.11 0.55 -0.07	39.81 1.16 0.00	46.00 1.71 -2.87	47.07 1.38 -3.14	45.99 1.49 -2.96	41.56 1.67 -2.60	57.70 2.29 -10.46	56.99 1.82 -15.72	50.68 1.67 -7.54	40.70 1.54 -3.39	37.24 1.36 -3.41	46.33 1.70 -3.26	61.73 2.21 -4.46	48.32 1.77 -3.95	47.75 1.38 -6.99	52.81 1.45 -6.29	60.67 1.68 -12.74	47.30 1.45 -5.84	38.27 1.16 -2.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.00 -0.20 0.00	21.49 -0.08 0.00	25.03 -0.12 0.00	23.08 -0.16 0.00	21.54 -0.12 0.00	29.53 0.01 -0.04	38.99 0.34 0.00	43.07 0.38 -1.27	44.96 0.79 -1.62	44.38 1.26 -1.58	39.95 1.27 -1.39	52.31 1.89 -5.46	49.47 1.63 -8.40	47.18 1.68 -4.02	38.93 1.35 -1.81	35.22 0.94 -1.83	44.19 1.07 -1.74	58.59 1.15 -2.39	45.55 0.84 -2.11	43.59 0.48 -3.74	48.97 0.52 -3.36	53.86 0.79 -6.82	43.85 0.72 -3.12	36.70 0.52 -1.07
STA_56___34_KV_BUS2 355983	20.00 -0.20 0.00	21.49 -0.08 0.00	25.03 -0.12 0.00	23.08 -0.16 0.00	21.54 -0.12 0.00	29.53 0.01 -0.04	38.99 0.34 0.00	43.07 0.38 -1.27	44.96 0.79 -1.62	44.38 1.26 -1.58	39.95 1.27 -1.39	52.31 1.89 -5.46	49.47 1.63 -8.40	47.18 1.68 -4.02	38.93 1.35 -1.81	35.22 0.94 -1.83	44.19 1.07 -1.74	58.59 1.15 -2.39	45.55 0.84 -2.11	43.59 0.48 -3.74	48.97 0.52 -3.36	53.86 0.79 -6.82	43.85 0.72 -3.12	36.70 0.52 -1.07
STA_67___115KV_BK2 355882	20.07 -0.12 0.00	21.59 0.02 0.00	25.15 0.00 0.00	23.19 -0.05 0.00	21.64 -0.01 0.00	29.67 0.14 -0.04	39.16 0.51 0.00	43.24 0.57 -1.25	45.16 1.00 -1.61	44.58 1.48 -1.57	40.14 1.46 -1.37	52.51 2.15 -5.40	49.60 1.84 -8.32	47.36 1.90 -3.99	39.10 1.53 -1.79	35.36 1.08 -1.81	44.33 1.23 -1.73	58.73 1.31 -2.37	45.67 0.98 -2.09	43.67 0.59 -3.71	49.10 0.68 -3.33	53.99 0.98 -6.75	44.02 0.91 -3.09	36.87 0.70 -1.06
STA_7___115KV_9TRANS 80674	20.21 0.01 0.00	21.72 0.15 0.00	25.30 0.15 0.00	23.33 0.09 0.00	21.77 0.11 0.00	29.85 0.33 -0.04	39.43 0.79 0.00	43.53 0.86 -1.26	45.48 1.31 -1.61	44.92 1.81 -1.57	40.44 1.76 -1.38	52.90 2.52 -5.42	49.97 2.17 -8.35	47.76 2.29 -4.00	39.43 1.86 -1.80	35.64 1.36 -1.82	44.74 1.64 -1.73	59.30 1.87 -2.37	46.11 1.41 -2.10	44.08 0.98 -3.72	49.56 1.13 -3.34	54.45 1.41 -6.78	44.38 1.26 -3.11	37.15 0.98 -1.07
STA_82___115KV_TB1 80780	20.08 -0.12 0.00	21.59 0.03 0.00	25.16 0.00 0.00	23.20 -0.04 0.00	21.65 -0.01 0.00	29.68 0.16 -0.04	39.19 0.54 0.00	43.29 0.60 -1.27	45.21 1.02 -1.64	44.63 1.50 -1.60	40.19 1.49 -1.40	52.63 2.17 -5.51	49.80 1.87 -8.49	47.47 1.92 -4.07	39.16 1.56 -1.83	35.41 1.10 -1.84	44.39 1.26 -1.76	58.81 1.34 -2.41	45.75 1.02 -2.13	43.77 0.62 -3.78	49.19 0.71 -3.39	54.16 1.01 -6.89	44.10 0.94 -3.16	36.91 0.72 -1.08
STEEL___WIND 323596	19.67 -0.53 0.00	21.35 -0.22 0.00	24.86 -0.29 0.00	22.88 -0.35 0.00	21.44 -0.21 0.00	29.48 -0.05 -0.04	38.86 0.21 0.00	42.81 -0.04 -1.43	45.07 0.78 -1.74	44.88 1.67 -1.68	40.52 1.75 -1.47	54.29 2.91 -6.42	50.79 2.44 -8.90	48.09 2.35 -4.27	39.58 1.89 -1.92	35.67 1.26 -1.94	44.56 1.34 -1.86	58.29 0.69 -2.54	45.29 0.45 -2.25	43.18 -0.17 -3.97	48.79 0.13 -3.57	54.31 0.81 -7.24	44.35 1.01 -3.32	37.13 0.89 -1.14
STEPHTWN_115KV_BK_2 55603	20.55 0.35 0.00	21.91 0.33 0.00	25.48 0.32 0.00	23.57 0.33 0.00	21.97 0.31 0.00	29.87 0.38 0.00	39.26 0.61 0.00	42.11 0.69 0.00	43.02 0.47 0.00	41.75 0.22 0.41	36.93 0.04 0.13	44.81 -0.01 0.13	39.36 -0.05 0.04	41.37 -0.10 0.00	35.72 -0.06 0.00	32.70 0.23 0.00	41.69 0.32 0.00	55.74 0.68 0.00	42.91 0.31 0.00	39.73 0.36 0.00	45.22 0.13 0.00	46.19 -0.07 0.00	39.90 -0.11 0.00	35.02 -0.09 0.00
STEBEN_REC_LFGE 323667	19.23 -0.97 0.00	20.80 -0.77 0.00	24.06 -1.09 0.00	22.22 -1.02 0.00	21.00 -0.65 0.00	29.06 -0.48 -0.05	38.41 -0.24 0.00	42.89 -0.48 -1.94	44.38 -0.51 -2.33	43.74 -0.03 -2.24	39.86 0.60 -1.96	54.15 1.16 -8.03	51.76 0.46 -11.85	47.44 0.28 -5.68	39.07 0.75 -2.55	35.55 0.52 -2.57	44.46 0.64 -2.45	59.13 0.71 -3.36	46.56 0.99 -2.97	45.25 0.62 -5.26	50.29 0.48 -4.73	56.82 0.97 -9.58	45.31 0.91 -4.39	36.93 0.32 -1.51
STILLWATER___SOLAR 323814	21.14 0.94 0.00	22.53 0.96 0.00	26.25 1.10 0.00	24.24 1.01 0.00	22.59 0.93 0.00	30.76 1.27 0.00	40.48 1.83 0.00	43.41 1.99 0.00	44.29 1.74 0.00	42.75 1.22 0.00	37.61 0.85 0.54	45.64 0.86 0.17	40.06 0.67 0.06	42.06 0.58 0.00	36.37 0.60 0.00	33.18 0.72 0.00	42.46 1.08 0.00	56.97 1.91 0.00	44.05 1.45 0.00	40.79 1.42 0.00	46.42 1.34 0.00	47.47 1.21 0.00	40.92 0.91 0.00	35.95 0.84 0.00
STONY___BROOK 24151	20.86 0.66 0.00	22.09 0.52 0.00	25.54 0.39 0.00	23.66 0.43 0.00	22.12 0.47 0.00	30.21 0.72 0.00	39.78 1.13 0.00	42.56 1.14 0.00	43.78 1.22 0.00	42.81 1.28 0.00	39.22 1.42 -0.50	45.62 0.51 -0.16	40.47 0.96 -0.05	42.11 0.63 0.00	36.83 1.05 0.00	33.56 1.10 0.00	42.22 0.85 0.00	56.41 1.36 0.00	43.52 0.92 0.00	40.23 0.85 0.00	44.98 -0.10 0.00	45.50 -0.29 0.47	39.01 -0.19 0.82	35.22 0.12 0.00
STURGEON_POOL_HYD 23609	20.86 0.66 0.00	22.19 0.62 0.00	25.80 0.65 0.00	23.83 0.59 0.00	22.20 0.54 0.00	30.26 0.77 0.00	39.90 1.26 0.00	42.82 1.40 0.00	43.98 1.42 0.00	42.92 1.39 0.00	38.91 1.30 -0.31	46.39 1.34 -0.10	40.62 1.14 -0.03	42.61 1.13 0.00	36.87 1.10 0.00	33.51 1.05 0.00	42.61 1.24 0.00	56.83 1.77 0.00	43.76 1.16 0.00	40.44 1.07 0.00	45.70 0.61 0.00	46.83 0.57 0.00	40.58 0.56 0.00	35.64 0.54 0.00

ST_LAW_115_BK7_LBMP 345037	20.13 -0.06 0.00	21.52 -0.05 0.00	25.15 0.00 0.00	23.25 0.01 0.00	21.67 0.02 0.00	29.44 -0.04 0.00	38.44 -0.21 0.00	41.23 -0.18 0.00	42.41 -0.14 0.00	13.11 0.09 28.52	-8.30 -0.01 45.59	-151.24 0.07 196.27	39.44 -0.01 0.00	41.65 0.17 0.00	35.77 -0.01 0.00	32.40 -0.07 0.00	41.32 -0.05 0.00	54.80 -0.26 0.00	42.66 0.06 0.00	39.58 0.21 0.00	45.73 0.65 0.00	46.86 0.60 0.00	40.55 0.54 0.00	35.57 0.46 0.00
ST_LAW_115_BK8_LBMP 345038	20.13 -0.06 0.00	21.52 -0.05 0.00	25.15 0.00 0.00	23.25 0.01 0.00	21.67 0.02 0.00	29.44 -0.04 0.00	38.44 -0.21 0.00	41.23 -0.18 0.00	42.41 -0.14 0.00	13.11 0.09 28.52	-8.30 -0.01 45.59	-151.24 0.07 196.27	39.44 -0.01 0.00	41.65 0.17 0.00	35.77 -0.01 0.00	32.40 -0.07 0.00	41.32 -0.05 0.00	54.80 -0.26 0.00	42.66 0.06 0.00	39.58 0.21 0.00	45.73 0.65 0.00	46.86 0.60 0.00	40.55 0.54 0.00	35.57 0.46 0.00
ST_LAW_230_BK5_LBMP 345035	20.14 -0.06 0.00	21.53 -0.04 0.00	25.15 0.00 0.00	23.24 0.00 0.00	21.67 0.01 0.00	29.45 -0.04 0.00	38.46 -0.18 0.00	41.26 -0.16 0.00	42.43 -0.13 0.00	24.89 0.07 16.71	10.57 -0.01 26.71	-69.99 0.06 115.01	39.45 0.00 0.00	41.64 0.16 0.00	35.77 0.00 0.00	32.42 -0.04 0.00	41.35 -0.02 0.00	54.83 -0.23 0.00	42.67 0.07 0.00	39.58 0.21 0.00	45.71 0.63 0.00	46.83 0.57 0.00	40.54 0.52 0.00	35.54 0.44 0.00
ST_LAW_230_BK6_LBMP 345036	20.14 -0.06 0.00	21.53 -0.04 0.00	25.15 0.00 0.00	23.24 0.00 0.00	21.67 0.01 0.00	29.45 -0.04 0.00	38.46 -0.18 0.00	41.26 -0.16 0.00	42.43 -0.13 0.00	24.89 0.07 16.71	10.57 -0.01 26.71	-69.99 0.06 115.01	39.45 0.00 0.00	41.64 0.16 0.00	35.77 0.00 0.00	32.42 -0.04 0.00	41.35 -0.02 0.00	54.83 -0.23 0.00	42.67 0.07 0.00	39.58 0.21 0.00	45.71 0.63 0.00	46.83 0.57 0.00	40.54 0.52 0.00	35.54 0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.81 0.62 0.00	22.12 0.55 0.00	25.70 0.55 0.00	23.73 0.49 0.00	22.12 0.47 0.00	30.14 0.65 0.00	39.72 1.08 0.00	42.58 1.16 0.00	43.74 1.19 0.00	42.68 1.15 0.00	38.80 1.06 -0.44	46.19 1.10 -0.14	40.44 0.95 -0.05	42.38 0.90 0.00	36.74 0.97 0.00	33.48 1.02 0.00	42.54 1.17 0.00	56.72 1.66 0.00	43.65 1.05 0.00	40.29 0.92 0.00	45.53 0.44 0.00	46.68 0.42 0.00	40.49 0.47 0.00	35.61 0.51 0.00
SWANROAD_115KV_TB1 355699	19.35 -0.85 0.00	21.04 -0.53 0.00	24.51 -0.65 0.00	22.57 -0.66 0.00	21.09 -0.57 0.00	29.01 -0.51 -0.04	38.10 -0.54 0.00	41.94 -0.86 -1.38	44.28 0.03 -1.69	44.12 0.94 -1.64	39.92 1.18 -1.44	53.40 2.04 -6.41	49.85 1.69 -8.70	47.29 1.64 -4.17	38.89 1.24 -1.88	35.01 0.65 -1.90	43.39 0.21 -1.81	56.50 -1.03 -2.48	43.93 -0.86 -2.20	41.99 -1.26 -3.88	47.43 -1.14 -3.48	52.91 -0.41 -7.06	43.25 0.00 -3.24	36.43 0.21 -1.11
SYNERGY___BIOGAS 323694	20.31 0.11 0.00	21.94 0.37 0.00	25.54 0.39 0.00	23.53 0.29 0.00	21.99 0.34 0.00	30.28 0.75 -0.04	40.03 1.39 0.00	44.20 1.44 -1.34	46.56 2.33 -1.68	46.16 2.99 -1.63	41.57 2.84 -1.43	56.73 3.65 -8.12	51.17 3.07 -8.65	48.82 3.20 -4.15	40.41 2.77 -1.86	36.35 2.00 -1.88	45.10 1.93 -1.80	59.67 2.15 -2.46	46.65 1.88 -2.18	44.63 1.41 -3.85	50.30 1.75 -3.46	55.52 2.24 -7.02	45.29 2.06 -3.22	38.00 1.79 -1.10
SYRACUSE___ENERGY_ST1 323597	20.07 -0.13 0.00	21.44 -0.13 0.00	24.99 -0.16 0.00	23.07 -0.16 0.00	21.50 -0.15 0.00	29.47 -0.11 -0.10	38.72 0.08 0.00	45.15 0.04 -3.69	46.91 0.13 -4.23	50.21 0.11 -8.56	48.23 0.16 -10.76	90.68 0.34 -45.38	61.21 0.37 -21.40	52.01 0.28 -10.25	40.57 0.19 -4.61	37.26 0.14 -4.65	46.05 0.24 -4.44	61.54 0.40 -6.07	48.22 0.24 -5.38	49.00 0.11 -9.52	53.61 -0.03 -8.56	63.64 0.04 -17.34	47.95 -0.01 -7.95	37.74 -0.09 -2.73
SYRACUSE___ENERGY_ST2 323598	20.07 -0.13 0.00	21.44 -0.13 0.00	24.99 -0.16 0.00	23.07 -0.16 0.00	21.50 -0.15 0.00	29.47 -0.11 -0.10	38.72 0.08 0.00	45.15 0.04 -3.69	46.91 0.13 -4.23	50.21 0.11 -8.56	48.23 0.16 -10.76	90.68 0.34 -45.38	61.21 0.37 -21.40	52.01 0.28 -10.25	40.57 0.19 -4.61	37.26 0.14 -4.65	46.05 0.24 -4.44	61.54 0.40 -6.07	48.22 0.24 -5.38	49.00 0.11 -9.52	53.61 -0.03 -8.56	63.64 0.04 -17.34	47.95 -0.01 -7.95	37.74 -0.09 -2.73
SYRACUSE___POWER 24017	20.08 -0.12 0.00	21.46 -0.11 0.00	25.01 -0.14 0.00	23.08 -0.15 0.00	21.52 -0.13 0.00	29.49 -0.08 -0.07	38.77 0.13 0.00	44.35 0.13 -2.80	45.93 0.16 -3.22	49.67 0.18 -7.96	48.02 0.23 -10.49	89.79 0.41 -44.42	56.19 0.41 -16.33	49.61 0.31 -7.83	39.51 0.22 -3.52	36.19 0.17 -3.55	45.02 0.27 -3.39	60.11 0.41 -4.64	46.97 0.27 -4.10	46.77 0.14 -7.26	51.62 0.01 -6.53	59.57 0.07 -13.24	46.10 0.02 -6.07	37.11 -0.08 -2.08
TALLMAN__138KV_BK151 55660	20.93 0.73 0.00	22.22 0.64 0.00	25.80 0.64 0.00	23.81 0.58 0.00	22.20 0.54 0.00	30.25 0.77 0.00	39.87 1.22 0.00	42.71 1.30 0.00	43.90 1.35 0.00	42.86 1.32 0.00	39.01 1.24 -0.47	46.41 1.31 -0.14	40.64 1.14 -0.05	42.59 1.12 0.00	36.97 1.20 0.00	33.68 1.22 0.00	42.77 1.40 0.00	56.99 1.93 0.00	43.84 1.24 0.00	40.42 1.05 0.00	45.59 0.51 0.00	46.79 0.53 0.00	40.63 0.62 0.00	35.77 0.66 0.00
TEALLAVE_115KV_TB7 355573	20.00 -0.20 0.00	21.38 -0.19 0.00	24.91 -0.25 0.00	23.00 -0.24 0.00	21.44 -0.21 0.00	29.35 -0.20 -0.07	38.60 -0.05 0.00	43.88 -0.03 -2.49	45.42 -0.01 -2.88	49.93 0.04 -8.36	48.79 0.12 -11.37	93.54 0.28 -48.30	54.31 0.29 -14.58	48.64 0.17 -6.99	39.00 0.09 -3.14	35.68 0.05 -3.17	44.49 0.10 -3.02	59.35 0.16 -4.14	46.31 0.05 -3.66	45.78 -0.08 -6.48	50.67 -0.24 -5.83	57.89 -0.19 -11.82	45.23 -0.20 -5.41	36.71 -0.25 -1.86
TELGRAPH_34_KV_EAST 80808	19.89 -0.31 0.00	21.54 -0.02 0.00	25.09 -0.07 0.00	23.10 -0.14 0.00	21.58 -0.07 0.00	29.70 0.18 -0.04	39.14 0.50 0.00	43.16 0.39 -1.35	45.58 1.34 -1.68	45.06 1.89 -1.63	40.65 1.91 -1.43	54.04 2.80 -6.28	50.49 2.37 -8.68	48.17 2.54 -4.16	39.63 1.99 -1.87	35.57 1.22 -1.89	44.29 1.12 -1.80	58.13 0.61 -2.47	45.28 0.50 -2.18	43.33 0.09 -3.86	49.05 0.50 -3.47	54.39 1.09 -7.03	44.40 1.16 -3.22	37.26 1.06 -1.11
TEMPLE___115KV_TB 2 55572	20.01 -0.19 0.00	21.39 -0.18 0.00	24.92 -0.24 0.00	23.00 -0.23 0.00	21.45 -0.20 0.00	29.37 -0.18 -0.07	38.62 -0.03 0.00	43.90 -0.02 -2.50	45.45 0.01 -2.89	49.83 0.07 -8.23	48.60 0.14 -11.16	92.66 0.31 -47.39	54.38 0.31 -14.62	48.69 0.20 -7.01	39.04 0.11 -3.15	35.71 0.07 -3.18	44.52 0.12 -3.03	59.40 0.20 -4.15	46.34 0.07 -3.67	45.82 -0.06 -6.50	50.71 -0.22 -5.85	57.95 -0.17 -11.85	45.28 -0.17 -5.43	36.74 -0.23 -1.86
TIANA____69_KV_BK 1 55817	20.81 0.62 0.00	22.04 0.47 0.00	25.49 0.34 0.00	23.67 0.44 0.00	22.15 0.49 0.00	30.23 0.75 0.00	39.83 1.19 0.00	42.60 1.18 0.00	43.78 1.23 0.00	42.80 1.26 0.00	39.21 1.41 -0.50	45.55 0.43 -0.16	40.35 0.85 -0.05	42.01 0.53 0.00	36.77 1.00 0.00	33.54 1.08 0.00	42.27 0.90 0.00	56.52 1.46 0.00	43.61 1.01 0.00	40.33 0.95 0.00	45.03 -0.05 0.00	45.51 -0.28 0.47	38.98 -0.22 0.82	35.17 0.07 0.00

TILDEN___115KV_TB1 80814	20.08 -0.12 0.00	21.46 -0.11 0.00	25.01 -0.14 0.00	23.08 -0.15 0.00	21.52 -0.13 0.00	29.49 -0.08 -0.07	38.77 0.13 0.00	44.35 0.13 -2.80	45.93 0.16 -3.22	49.67 0.18 -7.96	48.02 0.23 -10.49	89.79 0.41 -44.42	56.19 0.41 -16.33	49.61 0.31 -7.83	39.51 0.22 -3.52	36.19 0.17 -3.55	45.02 0.27 -3.39	60.11 0.41 -4.64	46.97 0.27 -4.10	46.77 0.14 -7.26	51.62 0.01 -6.53	59.57 0.07 -13.24	46.10 0.02 -6.07	37.11 -0.08 -2.08
TRIGEN___CC 323695	20.95 0.75 0.00	22.23 0.66 0.00	25.75 0.59 0.00	23.82 0.58 0.00	22.23 0.58 0.00	30.33 0.85 0.00	39.91 1.26 0.00	42.72 1.30 0.00	43.99 1.44 0.00	43.02 1.49 0.00	39.45 1.63 -0.52	46.23 1.12 -0.16	40.80 1.30 -0.05	42.54 1.07 0.00	37.03 1.25 0.00	33.70 1.24 0.00	42.61 1.24 0.00	56.85 1.79 0.00	43.76 1.16 0.00	40.41 1.04 0.00	45.39 0.31 0.00	46.35 0.21 0.13	40.11 0.26 0.16	35.59 0.49 0.00
TRINITY___115KV__4 BK 55933	20.42 0.22 0.00	21.76 0.18 0.00	25.31 0.16 0.00	23.41 0.17 0.00	21.81 0.15 0.00	29.60 0.11 0.00	38.85 0.21 0.00	41.70 0.29 0.00	42.70 0.14 0.00	41.39 -0.15 0.00	36.70 -0.19 0.41	44.43 -0.39 0.13	39.05 -0.35 0.04	41.04 -0.44 0.00	35.50 -0.27 0.00	32.38 -0.09 0.00	41.23 -0.15 0.00	55.05 0.00 0.00	42.42 -0.18 0.00	39.32 -0.05 0.00	44.69 -0.39 0.00	45.71 -0.55 0.00	39.53 -0.49 0.00	34.74 -0.37 0.00
UNION___PROCESSING_DRP 323587	20.09 -0.11 0.00	21.60 0.03 0.00	25.16 0.01 0.00	23.20 -0.04 0.00	21.65 0.00 0.00	29.70 0.17 -0.04	39.20 0.55 0.00	43.31 0.61 -1.28	45.24 1.04 -1.65	44.67 1.52 -1.61	40.21 1.50 -1.41	52.68 2.18 -5.54	49.87 1.87 -8.55	47.51 1.94 -4.09	39.18 1.57 -1.84	35.43 1.11 -1.86	44.41 1.26 -1.77	58.85 1.36 -2.43	45.78 1.03 -2.15	43.82 0.64 -3.81	49.25 0.74 -3.42	54.23 1.04 -6.94	44.14 0.95 -3.18	36.93 0.73 -1.09
UPPER HUDSON___HYD 24058	21.49 1.29 0.00	22.90 1.33 0.00	26.65 1.50 0.00	24.61 1.38 0.00	22.94 1.29 0.00	31.22 1.74 0.00	41.17 2.52 0.00	44.11 2.69 0.00	44.88 2.33 0.00	43.30 1.77 0.00	38.08 1.26 0.49	46.14 1.34 0.15	40.36 0.97 0.05	42.25 0.77 0.00	36.38 0.61 0.00	33.13 0.67 0.00	42.34 0.97 0.00	57.03 1.98 0.00	44.12 1.52 0.00	40.92 1.54 0.00	46.60 1.51 0.00	47.62 1.36 0.00	40.96 0.95 0.00	35.98 0.87 0.00
UPPER RAQUET___HYD 24056	20.29 0.09 0.00	21.70 0.13 0.00	25.41 0.26 0.00	23.48 0.24 0.00	21.92 0.27 0.00	29.80 0.30 -0.02	39.09 0.44 0.00	42.64 0.70 -0.52	43.88 0.73 -0.60	230.83 0.88 -188.42	338.70 0.65 -300.75	1340.59 1.06 -1294.58	43.29 0.81 -3.03	44.04 1.11 -1.45	37.06 0.64 -0.65	33.57 0.45 -0.66	42.45 0.45 -0.63	56.41 0.49 -0.86	44.07 0.71 -0.76	41.56 0.84 -1.35	47.61 1.32 -1.21	49.98 1.26 -2.46	42.37 1.23 -1.13	36.71 1.22 -0.39
VALLEY44_115KV_TB2 355964	19.80 -0.40 0.00	21.43 -0.14 0.00	24.95 -0.20 0.00	22.94 -0.29 0.00	21.50 -0.15 0.00	29.59 0.06 -0.04	39.09 0.44 0.00	43.22 0.30 -1.50	45.50 1.17 -1.78	44.88 1.63 -1.72	40.35 1.54 -1.51	54.03 2.55 -6.52	50.49 1.92 -9.12	47.61 1.77 -4.37	39.21 1.47 -1.96	35.33 0.88 -1.99	44.04 0.77 -1.90	57.83 0.17 -2.60	44.80 -0.10 -2.30	42.73 -0.71 -4.07	48.11 -0.63 -3.66	53.94 0.26 -7.42	44.08 0.67 -3.40	36.86 0.59 -1.17
VALLEY___115KV_TB 1-4 80826	20.51 0.31 0.00	21.87 0.30 0.00	25.44 0.29 0.00	23.52 0.28 0.00	21.92 0.26 0.00	30.26 0.78 0.00	40.09 1.44 0.00	41.63 0.20 0.00	43.00 0.45 0.00	46.02 0.04 -4.44	44.12 -0.28 -7.10	74.75 -0.77 -30.56	39.07 -0.38 0.00	40.68 -0.80 0.00	35.30 -0.47 0.00	32.49 0.03 0.00	41.41 0.04 0.00	56.01 0.96 0.00	43.46 0.86 0.00	40.20 0.83 0.00	45.64 0.56 0.00	46.76 0.50 0.00	40.20 0.19 0.00	35.31 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.73 0.52 0.00	22.12 0.55 0.00	25.81 0.66 0.00	23.82 0.58 0.00	22.18 0.52 0.00	30.35 0.84 -0.03	40.04 1.39 0.00	43.90 1.55 -0.93	45.22 1.58 -1.09	44.12 1.54 -1.04	39.65 1.43 -0.91	50.33 1.69 -3.68	46.34 1.37 -5.53	45.50 1.37 -2.65	38.20 1.23 -1.19	34.77 1.11 -1.20	43.92 1.40 -1.15	58.54 1.92 -1.57	45.39 1.40 -1.39	43.07 1.23 -2.46	48.42 1.12 -2.21	51.94 1.20 -4.48	43.08 1.01 -2.05	36.65 0.84 -0.71
VISCHER___FERRY HYD 24020	20.81 0.61 0.00	22.17 0.59 0.00	25.81 0.66 0.00	23.85 0.61 0.00	22.21 0.55 0.00	30.20 0.71 0.00	39.69 1.04 0.00	42.60 1.18 0.00	43.57 1.01 0.00	42.13 0.59 0.00	37.05 0.41 0.67	45.07 0.32 0.21	39.61 0.23 0.07	41.61 0.14 0.00	35.98 0.20 0.00	32.80 0.33 0.00	41.90 0.52 0.00	56.06 1.01 0.00	43.23 0.63 0.00	40.08 0.71 0.00	45.60 0.52 0.00	46.62 0.36 0.00	40.28 0.27 0.00	35.41 0.31 0.00
V_A_10_SYNC_DSASP 323832	19.69 -0.51 0.00	21.35 -0.22 0.00	24.88 -0.27 0.00	22.92 -0.32 0.00	21.40 -0.25 0.00	29.38 -0.15 -0.04	38.71 0.06 0.00	42.60 -0.12 -1.30	44.77 0.61 -1.60	44.52 1.42 -1.55	40.12 1.46 -1.36	53.37 2.46 -5.95	49.75 2.05 -8.24	47.41 1.98 -3.95	39.04 1.49 -1.78	35.16 0.90 -1.80	43.83 0.75 -1.71	57.30 -0.10 -2.35	44.48 -0.19 -2.08	42.40 -0.64 -3.67	47.88 -0.51 -3.31	53.13 0.17 -6.70	43.59 0.51 -3.07	36.65 0.50 -1.05
V_CMM_10_SYNC_DSASP 323787	20.24 0.04 0.00	21.64 0.07 0.00	25.29 0.14 0.00	23.37 0.13 0.00	21.78 0.13 0.00	29.60 0.11 0.00	38.65 0.01 0.00	41.46 0.04 0.00	42.62 0.07 0.00	13.33 0.32 28.52	-8.11 0.18 45.59	-151.19 0.12 196.27	39.47 0.02 0.00	41.86 0.39 0.00	35.98 0.20 0.00	32.58 0.12 0.00	41.55 0.18 0.00	55.11 0.05 0.00	42.90 0.30 0.00	39.80 0.42 0.00	45.99 0.90 0.00	47.11 0.85 0.00	40.78 0.76 0.00	35.77 0.66 0.00
V_CMP_10_SYNC_DSASP 323788	20.22 0.02 0.00	21.19 -0.38 0.00	24.85 -0.31 0.00	23.01 -0.23 0.00	21.71 0.06 0.00	29.77 0.28 0.00	39.55 0.90 0.00	42.60 1.18 0.00	43.85 1.30 0.00	57.73 1.83 -14.37	61.72 1.46 -22.96	146.03 2.23 -98.85	41.22 1.77 0.00	43.52 2.04 0.00	37.75 1.98 0.00	34.33 1.86 0.00	43.98 2.61 0.00	57.94 2.88 0.00	44.96 2.36 0.00	41.77 2.40 0.00	48.31 3.22 0.00	49.32 3.06 0.00	42.57 2.56 0.00	37.36 2.25 0.00
V_D_10_SYNC_DSASP 323841	20.32 0.12 0.00	21.73 0.16 0.00	25.42 0.27 0.00	23.49 0.25 0.00	21.90 0.24 0.00	29.76 0.27 0.00	38.91 0.26 0.00	41.78 0.36 0.00	42.94 0.38 0.00	315.69 0.76 -273.39	474.83 0.54 -436.99	1927.06 0.89 -1881.21	40.10 0.65 0.00	42.38 0.90 0.00	36.26 0.48 0.00	32.87 0.40 0.00	41.82 0.45 0.00	55.46 0.40 0.00	43.18 0.58 0.00	40.07 0.70 0.00	46.29 1.21 0.00	47.41 1.16 0.00	41.06 1.05 0.00	36.05 0.94 0.00
V_E_10_SYNC_DSASP 323830	20.62 0.42 0.00	22.13 0.56 0.00	25.85 0.69 0.00	23.73 0.49 0.00	22.23 0.58 0.00	30.77 1.23 -0.05	41.11 2.47 0.00	45.95 2.69 -1.85	47.28 2.58 -2.15	45.90 2.31 -2.06	41.04 1.93 -1.80	54.40 2.18 -7.26	52.29 1.93 -10.92	48.59 1.88 -5.23	39.74 1.62 -2.35	36.17 1.34 -2.37	45.94 2.30 -2.26	61.35 3.20 -3.10	48.41 3.07 -2.74	46.93 2.71 -4.85	52.26 2.82 -4.36	57.98 2.88 -8.84	46.32 2.25 -4.05	38.19 1.69 -1.39

V_F_30_NSYNC___DSASP 323816	21.15 0.96 0.00	22.55 0.98 0.00	26.28 1.12 0.00	24.26 1.02 0.00	22.60 0.95 0.00	30.79 1.30 0.00	40.52 1.88 0.00	43.46 2.04 0.00	44.35 1.80 0.00	42.85 1.31 0.00	37.73 0.95 0.52	45.79 0.99 0.16	40.18 0.79 0.06	42.19 0.71 0.00	36.49 0.71 0.00	33.27 0.81 0.00	42.54 1.17 0.00	57.06 2.00 0.00	44.13 1.53 0.00	40.85 1.48 0.00	46.48 1.40 0.00	47.55 1.29 0.00	41.00 0.98 0.00	36.00 0.89 0.00
V_F_30_SYNC_DSASP 323786	20.50 0.30 0.00	21.83 0.26 0.00	25.41 0.25 0.00	23.50 0.26 0.00	21.89 0.24 0.00	29.72 0.23 0.00	39.03 0.38 0.00	41.90 0.48 0.00	42.88 0.33 0.00	41.59 0.06 0.00	36.85 -0.02 0.43	44.64 -0.18 0.13	39.24 -0.16 0.05	41.25 -0.23 0.00	35.70 -0.07 0.00	32.57 0.11 0.00	41.48 0.10 0.00	55.39 0.34 0.00	42.69 0.10 0.00	39.56 0.19 0.00	44.94 -0.14 0.00	45.98 -0.28 0.00	39.73 -0.28 0.00	34.90 -0.20 0.00
V_XM_10_SYNC_DSASP 323789	20.22 0.02 0.00	21.19 -0.38 0.00	24.85 -0.31 0.00	23.01 -0.23 0.00	21.71 0.06 0.00	29.77 0.28 0.00	39.55 0.90 0.00	42.60 1.18 0.00	43.85 1.30 0.00	57.73 1.83 -14.37	61.72 1.46 -22.96	146.03 2.23 -98.85	41.22 1.77 0.00	43.52 2.04 0.00	37.75 1.98 0.00	34.33 1.86 0.00	43.98 2.61 0.00	57.94 2.88 0.00	44.96 2.36 0.00	41.77 2.40 0.00	48.31 3.22 0.00	49.32 3.06 0.00	42.57 2.56 0.00	37.36 2.25 0.00
W.BABYLN_69_KV_BK1 56697	21.08 0.88 0.00	22.33 0.77 0.00	25.85 0.69 0.00	23.92 0.68 0.00	22.34 0.69 0.00	30.52 1.04 0.00	40.19 1.54 0.00	43.01 1.59 0.00	44.24 1.69 0.00	43.26 1.72 0.00	39.65 1.85 -0.51	46.21 1.10 -0.16	40.92 1.41 -0.05	42.64 1.17 0.00	37.22 1.45 0.00	33.93 1.47 0.00	42.76 1.39 0.00	57.13 2.07 0.00	44.07 1.47 0.00	40.73 1.36 0.00	45.56 0.48 0.00	46.21 0.37 0.43	39.67 0.41 0.75	35.73 0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.02 0.82 0.00	22.32 0.75 0.00	25.92 0.76 0.00	23.93 0.69 0.00	22.31 0.65 0.00	30.41 0.92 0.00	40.10 1.46 0.00	42.98 1.56 0.00	44.18 1.63 0.00	43.14 1.60 0.00	39.27 1.49 -0.48	46.72 1.62 -0.15	40.91 1.41 -0.05	42.88 1.40 0.00	37.19 1.41 0.00	33.90 1.44 0.00	43.06 1.69 0.00	57.38 2.32 0.00	44.14 1.54 0.00	40.71 1.34 0.00	45.92 0.83 0.00	47.07 0.81 0.00	40.85 0.84 0.00	35.94 0.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.08 0.83 0.00	22.40 0.83 0.00	26.00 0.85 0.00	24.01 0.77 0.00	22.40 0.75 0.00	30.54 1.05 0.00	40.31 1.66 0.00	43.25 1.83 0.00	44.40 1.85 0.00	43.37 1.83 0.00	39.56 1.75 -0.51	46.95 1.83 -0.16	41.14 1.64 -0.05	43.11 1.64 0.00	37.44 1.66 0.00	34.13 1.66 0.00	43.31 1.94 0.00	57.64 2.58 0.00	44.29 1.69 0.00	40.85 1.47 0.00	46.02 0.94 0.00	47.14 0.88 0.00	40.95 0.94 0.00	36.04 0.94 0.00
W50THST__13_KV_LOAD 356117	21.18 0.98 0.00	22.50 0.93 0.00	26.10 0.95 0.00	24.11 0.87 0.00	22.50 0.85 0.00	30.69 1.20 0.00	40.51 1.87 0.00	43.50 2.08 0.00	44.70 2.15 0.00	43.68 2.14 0.00	39.84 2.04 -0.51	47.31 2.20 -0.16	41.46 1.96 -0.05	43.44 1.97 0.00	37.72 1.95 0.00	34.40 1.94 0.00	43.66 2.29 0.00	58.07 3.02 0.00	44.59 1.99 0.00	41.09 1.72 0.00	46.27 1.19 0.00	47.39 1.13 0.00	41.18 1.17 0.00	36.24 1.14 0.00
WADING RIVER_IC_1 23522	20.62 0.42 0.00	21.84 0.27 0.00	25.24 0.09 0.00	23.41 0.17 0.00	21.88 0.23 0.00	29.88 0.39 0.00	39.35 0.70 0.00	42.10 0.68 0.00	43.27 0.72 0.00	42.29 0.76 0.00	38.73 0.92 -0.50	44.99 -0.12 -0.16	39.89 0.39 -0.05	41.51 0.03 0.00	36.33 0.56 0.00	33.13 0.66 0.00	41.69 0.31 0.00	55.71 0.66 0.00	43.01 0.41 0.00	39.78 0.41 0.00	44.44 -0.64 0.00	44.94 -0.85 0.47	38.51 -0.68 0.82	34.79 -0.32 0.00
WADING RIVER_IC_2 23547	20.62 0.42 0.00	21.84 0.27 0.00	25.24 0.09 0.00	23.41 0.17 0.00	21.88 0.23 0.00	29.88 0.39 0.00	39.35 0.70 0.00	42.10 0.68 0.00	43.27 0.72 0.00	42.29 0.76 0.00	38.73 0.92 -0.50	44.99 -0.12 -0.16	39.89 0.39 -0.05	41.51 0.03 0.00	36.33 0.56 0.00	33.13 0.66 0.00	41.69 0.31 0.00	55.71 0.66 0.00	43.01 0.41 0.00	39.78 0.41 0.00	44.44 -0.64 0.00	44.94 -0.85 0.47	38.51 -0.68 0.82	34.79 -0.32 0.00
WADING RIVER_IC_3 23601	20.62 0.42 0.00	21.84 0.27 0.00	25.24 0.09 0.00	23.41 0.17 0.00	21.88 0.23 0.00	29.88 0.39 0.00	39.35 0.70 0.00	42.10 0.68 0.00	43.27 0.72 0.00	42.29 0.76 0.00	38.73 0.92 -0.50	44.99 -0.12 -0.16	39.89 0.39 -0.05	41.51 0.03 0.00	36.33 0.56 0.00	33.13 0.66 0.00	41.69 0.31 0.00	55.71 0.66 0.00	43.01 0.41 0.00	39.78 0.41 0.00	44.44 -0.64 0.00	44.94 -0.85 0.47	38.51 -0.68 0.82	34.79 -0.32 0.00
WALDENNY_12_KV_BK2 80841	19.71 -0.49 0.00	21.39 -0.18 0.00	24.90 -0.25 0.00	22.92 -0.32 0.00	21.44 -0.21 0.00	29.53 0.00 -0.04	38.92 0.28 0.00	42.92 0.07 -1.43	45.21 0.93 -1.73	45.01 1.79 -1.68	40.65 1.88 -1.47	54.47 3.10 -6.42	50.92 2.59 -8.88	48.25 2.52 -4.26	39.70 2.01 -1.91	35.81 1.41 -1.94	44.67 1.45 -1.85	58.37 0.78 -2.53	45.35 0.51 -2.24	43.25 -0.09 -3.96	48.83 0.18 -3.56	54.35 0.87 -7.22	44.39 1.06 -3.31	37.19 0.95 -1.14
WALDEN__HYDRO 24148	20.90 0.70 0.00	22.21 0.64 0.00	25.81 0.66 0.00	23.83 0.60 0.00	22.21 0.56 0.00	30.27 0.79 0.00	39.92 1.28 0.00	42.83 1.41 0.00	43.98 1.43 0.00	42.90 1.37 0.00	39.00 1.26 -0.44	46.41 1.32 -0.14	40.61 1.11 -0.05	42.56 1.08 0.00	36.86 1.09 0.00	33.58 1.12 0.00	42.72 1.35 0.00	56.94 1.88 0.00	43.86 1.26 0.00	40.52 1.15 0.00	45.78 0.69 0.00	46.92 0.66 0.00	40.67 0.66 0.00	35.75 0.64 0.00
WARRENSBURG____ 23737	21.49 1.29 0.00	22.90 1.33 0.00	26.65 1.50 0.00	24.61 1.38 0.00	22.95 1.29 0.00	31.22 1.74 0.00	41.17 2.52 0.00	44.11 2.69 0.00	44.88 2.33 0.00	43.30 1.77 0.00	38.08 1.27 0.49	46.14 1.34 0.15	40.36 0.96 0.05	42.25 0.77 0.00	36.38 0.61 0.00	33.13 0.67 0.00	42.34 0.96 0.00	57.03 1.98 0.00	44.12 1.52 0.00	40.91 1.54 0.00	46.60 1.52 0.00	47.62 1.36 0.00	40.97 0.95 0.00	35.98 0.87 0.00
WATERSIDE____6 8 9 23538	21.10 0.90 0.00	22.40 0.83 0.00	25.98 0.82 0.00	24.02 0.78 0.00	22.40 0.75 0.00	30.53 1.05 0.00	40.30 1.69 0.03	43.23 1.89 0.07	44.36 1.96 0.15	43.28 1.97 0.23	39.41 1.86 -0.25	46.84 1.97 0.09	41.08 1.74 0.10	43.03 1.71 0.16	37.41 1.72 0.09	34.10 1.69 0.06	43.22 2.00 0.15	57.51 2.63 0.17	44.30 1.71 0.01	40.85 1.49 0.01	46.00 0.99 0.07	47.17 0.95 0.03	40.99 1.01 0.04	36.09 0.99 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.40 0.20 0.00	21.76 0.19 0.00	25.33 0.18 0.00	23.41 0.17 0.00	21.82 0.16 0.00	29.62 0.14 0.00	38.80 0.16 0.00	41.59 0.17 0.00	42.70 0.14 0.00	46.07 0.09 -4.44	44.49 0.09 -7.10	75.59 0.07 -30.56	39.53 0.08 0.00	41.54 0.06 0.00	35.89 0.12 0.00	32.59 0.13 0.00	41.56 0.18 0.00	55.40 0.35 0.00	42.81 0.21 0.00	39.56 0.19 0.00	45.15 0.07 0.00	46.31 0.05 0.00	40.03 0.02 0.00	35.11 0.01 0.00

WDELAWARE___HYD 323627	20.39 0.19 0.00	21.67 0.10 0.00	25.20 0.04 0.00	23.26 0.02 0.00	21.66 0.01 0.00	29.57 0.08 0.00	39.01 0.37 0.00	41.90 0.48 0.00	43.02 0.46 0.00	41.96 0.42 0.00	38.03 0.38 -0.36	45.29 0.22 -0.11	39.65 0.16 -0.04	41.48 0.01 0.00	35.88 0.11 0.00	32.68 0.21 0.00	41.66 0.29 0.00	55.66 0.60 0.00	42.97 0.37 0.00	39.74 0.36 0.00	44.94 -0.15 0.00	46.03 -0.24 0.00	39.85 -0.17 0.00	34.98 -0.13 0.00
WEST BABYLON___IC 23714	21.08 0.88 0.00	22.33 0.77 0.00	25.85 0.69 0.00	23.92 0.68 0.00	22.34 0.69 0.00	30.52 1.04 0.00	40.19 1.54 0.00	43.01 1.59 0.00	44.24 1.69 0.00	43.26 1.72 0.00	39.65 1.85 -0.51	46.21 1.10 -0.16	40.92 1.41 -0.05	42.64 1.17 0.00	37.22 1.45 0.00	33.93 1.47 0.00	42.76 1.39 0.00	57.13 2.07 0.00	44.07 1.47 0.00	40.73 1.36 0.00	45.56 0.48 0.00	46.21 0.37 0.43	39.67 0.41 0.75	35.73 0.62 0.00
WEST CANADA___HYD 24049	20.21 0.01 0.00	21.58 0.01 0.00	25.17 0.02 0.00	23.25 0.01 0.00	21.66 0.00 0.00	29.51 0.02 0.00	38.74 0.09 0.00	41.51 0.09 0.00	42.64 0.08 0.00	45.99 0.01 -4.44	44.41 0.01 -7.10	75.49 -0.02 -30.56	39.44 -0.01 0.00	41.44 -0.04 0.00	35.79 0.02 0.00	32.50 0.03 0.00	41.42 0.05 0.00	55.19 0.14 0.00	42.65 0.05 0.00	39.41 0.04 0.00	44.99 -0.09 0.00	46.17 -0.09 0.00	39.92 -0.10 0.00	35.02 -0.09 0.00
WESTERN_NY_WIND 24143	20.29 0.09 0.00	21.93 0.36 0.00	25.53 0.38 0.00	23.51 0.28 0.00	21.98 0.33 0.00	30.25 0.73 -0.04	40.00 1.36 0.00	44.17 1.40 -1.35	46.54 2.31 -1.68	46.13 2.97 -1.63	41.54 2.81 -1.43	56.44 3.63 -7.86	51.15 3.05 -8.66	48.81 3.18 -4.15	40.40 2.76 -1.87	36.34 1.99 -1.89	45.06 1.89 -1.80	59.61 2.10 -2.46	46.62 1.84 -2.18	44.59 1.36 -3.85	50.26 1.71 -3.46	55.50 2.22 -7.02	45.27 2.04 -3.22	37.99 1.78 -1.11
WESTOVER___LESR 323668	20.06 -0.14 0.00	21.49 -0.08 0.00	25.05 -0.10 0.00	23.09 -0.15 0.00	21.55 -0.10 0.00	29.57 0.03 -0.05	38.96 0.32 0.00	43.54 0.28 -1.84	45.06 0.36 -2.15	44.01 0.42 -2.06	39.60 0.50 -1.80	53.04 0.74 -7.35	50.91 0.54 -10.92	47.10 0.39 -5.23	38.50 0.37 -2.35	35.07 0.24 -2.37	44.03 0.40 -2.26	58.54 0.39 -3.10	45.60 0.25 -2.74	44.23 0.00 -4.85	49.35 -0.10 -4.36	55.26 0.16 -8.84	44.25 0.19 -4.05	36.55 0.06 -1.39
WETHRSFD_WT_PWR 323626	19.30 -0.90 0.00	20.85 -0.72 0.00	24.27 -0.89 0.00	22.36 -0.88 0.00	21.04 -0.61 0.00	29.04 -0.49 -0.04	38.20 -0.45 0.00	42.20 -0.81 -1.59	44.18 -0.28 -1.92	43.81 0.43 -1.85	39.49 0.57 -1.62	52.93 1.10 -6.88	50.05 0.81 -9.80	46.87 0.70 -4.70	38.64 0.76 -2.11	35.02 0.45 -2.11	43.68 0.30 -2.01	57.79 -0.02 -2.75	45.10 0.06 -2.44	43.26 -0.42 -4.31	48.61 -0.35 -3.88	54.36 0.25 -7.85	44.08 0.47 -3.60	36.70 0.36 -1.24
WHAVSTOR_138KV_BK127 55557	20.91 0.71 0.00	22.20 0.63 0.00	25.79 0.63 0.00	23.81 0.57 0.00	22.20 0.54 0.00	30.24 0.75 0.00	39.86 1.22 0.00	42.72 1.30 0.00	43.90 1.35 0.00	42.84 1.30 0.00	39.01 1.23 -0.48	46.39 1.28 -0.15	40.62 1.12 -0.05	42.56 1.08 0.00	36.94 1.16 0.00	33.65 1.19 0.00	42.74 1.37 0.00	56.93 1.88 0.00	43.80 1.20 0.00	40.41 1.04 0.00	45.58 0.49 0.00	46.74 0.48 0.00	40.57 0.56 0.00	35.72 0.61 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.91 0.71 0.00	22.20 0.63 0.00	25.79 0.63 0.00	23.81 0.57 0.00	22.20 0.54 0.00	30.24 0.75 0.00	39.86 1.22 0.00	42.72 1.30 0.00	43.90 1.35 0.00	42.84 1.30 0.00	39.01 1.23 -0.48	46.39 1.28 -0.15	40.62 1.12 -0.05	42.56 1.08 0.00	36.94 1.16 0.00	33.65 1.19 0.00	42.74 1.37 0.00	56.93 1.88 0.00	43.80 1.20 0.00	40.41 1.04 0.00	45.58 0.49 0.00	46.74 0.48 0.00	40.57 0.56 0.00	35.72 0.61 0.00
WHITEHAL_115KV_TB1 80871	22.14 1.94 0.00	23.54 1.97 0.00	27.33 2.18 0.00	25.25 2.01 0.00	23.54 1.89 0.00	32.12 2.63 0.00	42.33 3.68 0.00	45.03 3.62 0.00	45.43 2.87 0.00	43.69 2.15 0.00	38.41 1.61 0.50	46.39 1.59 0.15	40.80 1.40 0.05	42.77 1.29 0.00	37.25 1.47 0.00	33.96 1.50 0.00	43.39 2.02 0.00	58.83 3.77 0.00	45.57 2.97 0.00	42.44 3.07 0.00	48.52 3.44 0.00	48.88 2.62 0.00	41.83 1.82 0.00	36.77 1.67 0.00
WHITEPLN_13_KV_LOAD 356215	21.17 0.98 0.00	22.49 0.92 0.00	26.11 0.96 0.00	24.11 0.87 0.00	22.49 0.83 0.00	30.66 1.17 0.00	40.48 1.84 0.00	43.45 2.03 0.00	44.68 2.13 0.00	43.62 2.08 0.00	39.75 1.94 -0.51	47.24 2.13 -0.16	41.38 1.88 -0.05	43.34 1.87 0.00	37.62 1.84 0.00	34.27 1.80 0.00	43.53 2.16 0.00	58.02 2.96 0.00	44.62 2.01 0.00	41.18 1.80 0.00	46.40 1.31 0.00	47.53 1.27 0.00	41.20 1.19 0.00	36.21 1.10 0.00
WM_FLOYD_69_KV_BK2 356380	20.77 0.57 0.00	21.99 0.42 0.00	25.42 0.26 0.00	23.58 0.34 0.00	22.05 0.40 0.00	30.10 0.61 0.00	39.64 1.00 0.00	42.41 0.99 0.00	43.57 1.02 0.00	42.57 1.03 0.00	39.01 1.20 -0.50	45.29 0.18 -0.16	40.14 0.64 -0.05	41.80 0.32 0.00	36.59 0.82 0.00	33.36 0.89 0.00	42.02 0.65 0.00	56.14 1.09 0.00	43.35 0.75 0.00	40.09 0.72 0.00	44.80 -0.29 0.00	45.30 -0.49 0.47	38.84 -0.35 0.82	35.07 -0.04 0.00
WOODARD__115KV_TB2 355635	19.97 -0.23 0.00	21.34 -0.23 0.00	24.87 -0.28 0.00	22.96 -0.28 0.00	21.41 -0.25 0.00	29.32 -0.25 -0.08	38.51 -0.13 0.00	44.27 -0.12 -2.98	45.89 -0.09 -3.43	50.02 -0.06 -8.55	48.62 0.02 -11.30	92.99 0.15 -47.89	57.02 0.19 -17.37	49.89 0.09 -8.33	39.55 0.04 -3.74	36.23 0.00 -3.77	45.00 0.02 -3.60	60.07 0.08 -4.93	46.95 -0.02 -4.37	46.97 -0.13 -7.73	51.74 -0.29 -6.95	60.11 -0.23 -14.08	46.22 -0.25 -6.45	37.03 -0.29 -2.22
WOODMERE_69_KV_BK1 55827	21.16 0.96 0.00	22.44 0.87 0.00	25.99 0.84 0.00	24.03 0.80 0.00	22.43 0.78 0.00	30.63 1.14 0.00	40.28 1.63 0.00	43.07 1.65 0.00	44.39 1.84 0.00	43.46 1.93 0.00	39.92 2.08 -0.54	46.76 1.65 -0.16	41.28 1.77 -0.05	43.02 1.54 0.00	37.48 1.70 0.00	34.08 1.62 0.00	43.14 1.77 0.00	57.61 2.55 0.00	44.34 1.75 0.00	40.96 1.59 0.00	45.97 0.89 0.00	46.99 0.77 0.05	40.74 0.72 0.00	35.99 0.88 0.00
YORK___WARBASSE 23770	21.18 0.98 0.00	22.48 0.91 0.00	26.05 0.90 0.00	24.11 0.87 0.00	22.45 0.80 0.00	30.63 1.15 0.00	40.70 1.91 -0.15	43.96 2.17 -0.37	45.53 2.25 -0.73	44.96 2.27 -1.16	41.20 2.12 -1.77	48.64 2.30 -1.39	42.31 2.01 -0.85	44.27 2.00 -0.79	38.22 1.97 -0.48	34.69 1.90 -0.33	44.44 2.28 -0.79	58.92 3.00 -0.87	44.56 1.93 -0.03	41.11 1.67 -0.06	46.69 1.24 -0.36	47.62 1.18 -0.17	41.50 1.29 -0.19	36.32 1.19 -0.02