

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/30/2025

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	26.64	21.95	25.26	23.77	24.40	27.66	36.73	62.66	64.25	22.98	27.53	27.44	26.73	27.77	27.17	29.93	39.07	43.45	49.83	52.83	60.61	47.52	38.17	29.57
24138	0.48	0.30	1.60	1.50	1.59	1.65	2.37	4.18	4.45	1.80	2.25	2.32	2.42	2.58	1.90	2.40	3.22	4.00	4.34	4.20	4.54	3.22	2.66	1.97
	-20.10	-17.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-6.87	-4.72	-7.00	-1.54	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	26.65	21.96	25.30	23.81	24.45	27.70	36.78	62.69	64.29	22.96	27.49	27.41	26.69	27.96	31.35	32.77	43.29	44.33	49.83	52.87	60.68	47.59	38.22	29.61
24260	0.49	0.31	1.64	1.54	1.63	1.69	2.42	4.21	4.50	1.78	2.21	2.29	2.38	2.54	1.86	2.35	3.14	3.94	4.33	4.24	4.61	3.30	2.72	2.01
	-20.11	-17.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-11.09	-7.61	-11.30	-2.48	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	26.65	21.96	25.30	23.81	24.45	27.70	36.78	62.69	64.29	22.96	27.49	27.41	26.69	27.96	31.35	32.77	43.29	44.33	49.83	52.87	60.68	47.59	38.22	29.61
24261	0.49	0.31	1.64	1.54	1.63	1.69	2.42	4.21	4.50	1.78	2.21	2.29	2.38	2.54	1.86	2.35	3.14	3.94	4.33	4.24	4.61	3.30	2.72	2.01
	-20.11	-17.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-11.09	-7.61	-11.30	-2.48	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.54	26.33	24.97	23.49	24.24	27.64	36.47	61.95	62.93	21.97	26.05	25.94	25.06	25.59	19.01	23.57	29.69	39.08	47.16	50.26	58.13	45.84	36.88	29.10
24011	0.33	0.23	1.30	1.23	1.42	1.62	2.11	3.48	3.13	0.79	0.77	0.82	0.75	0.77	0.62	0.76	0.84	1.16	1.67	1.62	2.06	1.55	1.37	1.50
	-25.16	-22.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.56	26.35	25.01	23.54	24.33	27.79	36.68	62.27	63.15	21.99	26.07	25.97	25.08	25.61	19.04	23.63	29.79	39.18	47.33	50.37	58.35	46.02	36.98	29.18
23798	0.33	0.23	1.34	1.27	1.51	1.78	2.32	3.79	3.36	0.81	0.78	0.85	0.76	0.78	0.65	0.82	0.94	1.27	1.83	1.73	2.27	1.72	1.47	1.58
	-25.17	-22.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.54	26.33	24.97	23.49	24.24	27.64	36.47	61.95	62															

ALBANY___2 23572	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.87 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.65 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.02 0.51 0.00	28.01 0.41 0.00
ALBANY___3 23573	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.87 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.65 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.02 0.51 0.00	28.01 0.41 0.00
ALBANY___4 23574	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.87 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.65 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.02 0.51 0.00	28.01 0.41 0.00
ALBANY___LFGE 323615	30.90 0.21 -24.64	25.78 0.13 -21.70	24.37 0.70 0.00	22.91 0.65 0.00	23.54 0.73 0.00	26.70 0.69 0.00	35.14 0.78 0.00	59.87 1.40 0.00	61.21 1.42 0.00	21.61 0.42 0.00	25.71 0.43 0.00	25.61 0.49 0.00	24.79 0.48 0.00	25.35 0.53 0.00	18.80 0.41 0.00	23.39 0.59 0.00	29.72 0.86 0.00	38.99 1.08 0.00	46.86 1.37 0.00	49.89 1.26 0.00	57.51 1.44 0.00	45.32 1.02 0.00	36.39 0.89 0.00	28.27 0.67 0.00
ALCOA_PA_115KV_PL-6C 55860	-2.66 -0.16 8.56	-5.29 -0.08 9.15	24.73 -0.40 -1.46	23.28 -0.41 -1.42	23.87 -0.39 -1.43	26.03 -0.23 -0.25	34.28 -0.21 -0.13	58.28 -0.20 0.00	59.51 -0.28 0.00	20.92 -0.26 0.00	24.99 -0.29 0.00	24.86 -0.26 0.00	23.98 -0.33 0.00	24.52 -0.30 0.00	18.16 -0.23 0.00	22.51 -0.30 0.00	28.43 -0.42 0.00	37.68 -0.23 0.00	44.95 -0.55 0.00	48.28 -0.36 0.00	55.94 -0.13 0.00	44.70 0.41 0.00	35.71 0.20 0.00	27.68 0.08 0.00
ALCOA_RYNLDS___DRP 24188	-2.66 -0.16 8.56	-5.29 -0.08 9.15	24.73 -0.40 -1.46	23.28 -0.41 -1.42	23.87 -0.39 -1.43	26.03 -0.23 -0.25	34.28 -0.21 -0.13	58.28 -0.20 0.00	59.51 -0.28 0.00	20.92 -0.26 0.00	24.99 -0.29 0.00	24.86 -0.26 0.00	23.98 -0.33 0.00	24.52 -0.30 0.00	18.16 -0.23 0.00	22.51 -0.30 0.00	28.43 -0.42 0.00	37.68 -0.23 0.00	44.95 -0.55 0.00	48.28 -0.36 0.00	55.94 -0.13 0.00	44.70 0.41 0.00	35.71 0.20 0.00	27.68 0.08 0.00
ALCOA___DSASP 323711	-2.66 -0.16 8.56	-5.29 -0.08 9.15	24.72 -0.40 -1.46	23.28 -0.41 -1.42	23.87 -0.38 -1.43	26.03 -0.23 -0.25	34.28 -0.21 -0.13	58.28 -0.20 0.00	59.51 -0.28 0.00	20.92 -0.26 0.00	24.99 -0.29 0.00	24.86 -0.26 0.00	23.98 -0.33 0.00	24.52 -0.30 0.00	18.17 -0.23 0.00	22.51 -0.30 0.00	28.43 -0.42 0.00	37.68 -0.23 0.00	44.95 -0.54 0.00	48.28 -0.35 0.00	55.94 -0.13 0.00	44.70 0.41 0.00	35.71 0.20 0.00	27.68 0.08 0.00
ALLEGHENY___COGEN 23514	10.54 0.00 -4.49	7.86 -0.04 -3.95	23.71 0.05 0.00	22.45 0.18 0.00	23.23 0.42 0.00	26.43 0.42 0.00	35.11 0.75 0.00	59.33 0.85 0.00	60.55 0.75 0.00	21.09 -0.09 0.00	25.59 0.31 0.00	25.21 0.09 0.00	24.51 0.20 0.00	24.72 -0.10 0.00	18.22 -0.17 0.00	22.45 -0.35 0.00	28.06 -0.79 0.00	36.57 -1.34 0.00	44.33 -1.16 0.00	49.07 0.44 0.00	56.60 0.53 0.00	45.14 0.84 0.00	35.66 0.15 0.00	27.78 0.18 0.00
ALTAMONT_115KV_TB 2 55880	30.74 0.20 -24.48	25.64 0.13 -21.57	24.35 0.69 0.00	22.91 0.64 0.00	23.53 0.71 0.00	26.71 0.70 0.00	35.22 0.86 0.00	59.98 1.50 0.00	61.28 1.48 0.00	21.64 0.46 0.00	25.77 0.49 0.00	25.65 0.53 0.00	24.84 0.53 0.00	25.39 0.57 0.00	18.82 0.43 0.00	23.39 0.58 0.00	29.67 0.82 0.00	38.92 1.01 0.00	46.76 1.27 0.00	49.87 1.25 0.00	57.51 1.43 0.00	45.35 1.05 0.00	36.42 0.91 0.00	28.31 0.71 0.00
ALTONA_WT_PWR 323606	-21.03 -0.33 26.75	-21.45 -0.21 25.19	-21.11 -1.17 43.61	-21.11 -1.14 42.24	-21.09 -1.14 42.78	17.60 -0.94 7.47	29.23 -1.21 3.92	56.84 -1.64 0.00	58.30 -1.50 0.00	20.38 -0.80 0.00	24.21 -1.08 0.00	24.24 -0.88 0.00	23.43 -0.89 0.00	24.05 -0.77 0.00	17.94 -0.46 0.00	22.27 -0.54 0.00	28.24 -0.61 0.00	37.71 -0.20 0.00	45.42 -0.08 0.00	48.72 0.08 0.00	56.73 0.65 0.00	45.05 0.75 0.00	36.01 0.50 0.00	28.03 0.43 0.00
AMERICAN_REF_FUEL 24010	8.90 -0.50 -3.34	6.54 -0.35 -2.94	21.76 -1.91 0.00	20.53 -1.74 0.00	21.15 -1.67 0.00	24.13 -1.88 0.00	31.61 -2.75 0.00	52.77 -5.71 0.00	54.40 -5.40 0.00	19.78 -1.40 0.00	24.47 -0.81 0.00	24.10 -1.02 0.00	23.15 -1.17 0.00	23.33 -1.49 0.00	17.18 -1.21 0.00	21.17 -1.64 0.00	26.31 -2.54 0.00	34.14 -3.78 0.00	41.08 -4.41 0.00	44.69 -3.94 0.00	50.82 -5.26 0.00	40.78 -3.52 0.00	32.36 -3.16 0.00	25.42 -2.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	9.65 -0.21 -3.81	7.12 -0.18 -3.35	23.00 -0.67 0.00	21.76 -0.50 0.00	22.43 -0.38 0.00	25.66 -0.35 0.00	33.97 -0.39 0.00	57.16 -1.32 0.00	58.91 -0.89 0.00	21.37 0.19 0.00	26.22 0.94 0.00	25.81 0.69 0.00	25.02 0.71 0.00	25.20 0.38 0.00	18.60 0.21 0.00	22.77 -0.04 0.00	28.60 -0.25 0.00	37.31 -0.60 0.00	44.75 -0.74 0.00	48.52 -0.11 0.00	55.19 -0.88 0.00	44.09 -0.20 0.00	34.84 -0.67 0.00	27.21 -0.39 0.00
ARTHUR KILL_GT_1 23520	26.62 0.46 -20.10	21.95 0.29 -17.71	25.40 1.74 0.00	23.89 1.63 0.00	24.54 1.73 0.00	27.79 1.78 0.00	36.72 2.36 0.00	62.26 3.78 0.00	63.87 4.07 0.00	22.89 1.71 0.00	27.37 2.08 0.00	27.26 2.14 0.00	26.56 2.25 0.00	27.83 2.41 -0.60	31.13 1.65 -11.09	32.53 2.11 -7.61	42.97 2.82 -11.30	44.06 3.67 -2.48	49.38 3.88 0.00	52.43 3.80 0.00	60.28 4.21 0.00	47.38 3.08 0.00	38.26 2.75 0.00	29.63 2.03 0.00
ARTHUR_KILL_2 23512	26.60 0.45 -20.10	21.94 0.28 -17.71	25.34 1.68 0.00	23.83 1.57 0.00	24.48 1.66 0.00	27.73 1.72 0.00	36.63 2.27 0.00	62.10 3.62 0.00	63.69 3.90 0.00	22.83 1.65 0.00	27.30 2.02 0.00	27.21 2.08 0.00	26.51 2.19 0.00	27.78 2.36 -0.60	31.09 1.60 -11.09	32.48 2.06 -7.61	42.90 2.75 -11.30	43.96 3.56 -2.48	49.25 3.76 0.00	52.28 3.64 0.00	60.10 4.03 0.00	47.23 2.94 0.00	38.16 2.65 0.00	29.55 1.95 0.00
ARTHUR_KILL_3 23513	26.60 0.44 -20.10	21.93 0.28 -17.71	25.06 1.39 0.00	23.57 1.31 0.00	24.21 1.39 0.00	27.42 1.40 0.00	36.41 2.05 0.00	62.03 3.56 0.00	63.59 3.79 0.00	22.73 1.55 0.00	27.21 1.93 0.00	27.13 2.01 0.00	26.43 2.12 0.00	27.59 2.28 -0.49	29.18 1.69 -9.09	31.19 2.14 -6.24	41.00 2.89 -9.27	43.51 3.56 -2.03	49.38 3.88 0.00	52.38 3.74 0.00	60.11 4.03 0.00	47.11 2.81 0.00	37.88 2.37 0.00	29.33 1.73 0.00

ARTHUR_KILL_COGEN 323718	26.62 0.46 -20.10	21.95 0.29 -17.71	25.40 1.74 0.00	23.89 1.63 0.00	24.54 1.73 0.00	27.79 1.78 0.00	36.72 2.36 0.00	62.26 3.78 0.00	63.87 4.07 0.00	22.89 1.71 0.00	27.37 2.08 0.00	27.26 2.14 0.00	26.56 2.25 0.00	27.83 2.41 -0.60	31.13 1.65 -11.09	32.53 2.11 -7.61	42.97 2.82 -11.30	44.06 3.67 -2.48	49.38 3.88 0.00	52.43 3.80 0.00	60.28 4.21 0.00	47.38 3.08 0.00	38.26 2.75 0.00	29.63 2.03 0.00
ASHOKAN____ 23654	28.78 0.27 -22.46	23.91 0.19 -19.78	24.76 1.10 0.00	23.30 1.03 0.00	23.93 1.12 0.00	27.17 1.16 0.00	35.93 1.57 0.00	61.22 2.75 0.00	62.57 2.77 0.00	22.02 0.84 0.00	26.18 0.90 0.00	26.04 0.92 0.00	25.25 0.93 0.00	25.83 1.02 0.00	19.17 0.78 0.00	23.82 1.01 0.00	30.27 1.42 0.00	39.79 1.88 0.00	47.92 2.42 0.00	51.29 2.66 0.00	59.15 3.08 0.00	46.52 2.22 0.00	37.28 1.77 0.00	28.87 1.27 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.58 0.42 -20.11	21.93 0.27 -17.71	25.01 1.35 0.00	23.52 1.25 0.00	24.16 1.34 0.00	27.34 1.33 0.00	36.35 1.99 0.00	61.95 3.47 0.00	63.55 3.75 0.00	22.67 1.48 0.00	27.12 1.84 0.00	27.08 1.96 0.00	26.35 2.04 0.00	27.53 2.22 -0.49	28.88 1.39 -9.10	30.81 1.75 -6.25	40.48 2.36 -9.27	43.31 3.35 -2.04	49.23 3.74 0.00	52.21 3.58 0.00	59.97 3.89 0.00	47.07 2.77 0.00	37.85 2.34 0.00	29.29 1.69 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.58 0.42 -20.11	21.93 0.27 -17.71	25.01 1.35 0.00	23.52 1.25 0.00	24.16 1.34 0.00	27.34 1.33 0.00	36.35 1.99 0.00	61.95 3.47 0.00	63.55 3.75 0.00	22.67 1.48 0.00	27.12 1.84 0.00	27.08 1.96 0.00	26.35 2.03 0.00	27.53 2.22 -0.49	28.88 1.39 -9.10	30.81 1.75 -6.25	40.49 2.37 -9.27	43.31 3.35 -2.04	49.23 3.74 0.00	52.21 3.58 0.00	59.97 3.89 0.00	47.07 2.77 0.00	37.85 2.34 0.00	29.29 1.69 0.00
ASTORIA_GT2_1 24094	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT2_2 24095	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT2_3 24096	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT2_4 24097	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT3_1 24098	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT3_2 24099	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT3_3 24100	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT3_4 24101	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT4_1 24102	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT4_2 24103	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT4_3 24104	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00

ASTORIA_GT4_4 24105	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.52 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	61.99 3.51 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.13 1.85 0.00	27.09 1.97 0.00	26.36 2.04 0.00	27.53 2.22 -0.49	29.04 1.55 -9.10	31.00 1.95 -6.25	40.76 2.63 -9.27	43.35 3.40 -2.04	49.24 3.75 0.00	52.25 3.61 0.00	60.00 3.93 0.00	47.10 2.80 0.00	37.86 2.36 0.00	29.30 1.70 0.00
ASTORIA_GT_1 23523	26.59 0.43 -20.11	21.93 0.28 -17.71	25.06 1.39 0.00	23.56 1.29 0.00	24.20 1.38 0.00	27.39 1.38 0.00	36.42 2.06 0.00	62.09 3.61 0.00	63.67 3.87 0.00	22.72 1.54 0.00	27.18 1.90 0.00	27.13 2.01 0.00	26.40 2.09 0.00	27.58 2.27 -0.49	28.92 1.43 -9.10	30.86 1.81 -6.25	40.55 2.43 -9.27	43.39 3.44 -2.04	49.33 3.83 0.00	52.33 3.70 0.00	60.10 4.02 0.00	47.17 2.87 0.00	37.93 2.42 0.00	29.35 1.75 0.00
ASTORIA_GT_10 24110	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.34 3.86 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.29 2.17 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.20 1.71 -11.09	32.58 2.17 -7.61	43.06 2.91 -11.30	44.09 3.70 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.47 1.87 0.00
ASTORIA_GT_11 24225	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.34 3.86 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.29 2.17 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.20 1.71 -11.09	32.58 2.17 -7.61	43.06 2.91 -11.30	44.09 3.70 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.47 1.87 0.00
ASTORIA_GT_12 24226	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.34 3.86 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.29 2.17 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.20 1.71 -11.09	32.58 2.17 -7.61	43.06 2.91 -11.30	44.09 3.70 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.47 1.87 0.00
ASTORIA_GT_13 24227	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.34 3.86 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.29 2.17 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.20 1.71 -11.09	32.58 2.17 -7.61	43.06 2.91 -11.30	44.09 3.70 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.47 1.87 0.00
ASTORIA_GT_5 24106	26.59 0.43 -20.11	21.93 0.28 -17.71	25.06 1.39 0.00	23.55 1.29 0.00	24.20 1.38 0.00	27.39 1.38 0.00	36.42 2.06 0.00	62.08 3.60 0.00	63.66 3.87 0.00	22.72 1.54 0.00	27.18 1.90 0.00	27.13 2.01 0.00	26.41 2.09 0.00	27.58 2.27 -0.49	29.08 1.59 -9.10	31.05 1.99 -6.25	40.81 2.69 -9.27	43.42 3.47 -2.04	49.33 3.83 0.00	52.33 3.70 0.00	60.10 4.02 0.00	47.17 2.87 0.00	37.93 2.42 0.00	29.34 1.74 0.00
ASTORIA_GT_7 24107	26.59 0.43 -20.11	21.93 0.28 -17.71	25.06 1.39 0.00	23.55 1.29 0.00	24.20 1.38 0.00	27.39 1.38 0.00	36.42 2.06 0.00	62.08 3.60 0.00	63.66 3.87 0.00	22.72 1.54 0.00	27.18 1.90 0.00	27.13 2.01 0.00	26.41 2.09 0.00	27.58 2.27 -0.49	29.08 1.59 -9.10	31.05 1.99 -6.25	40.81 2.69 -9.27	43.42 3.47 -2.04	49.33 3.83 0.00	52.33 3.70 0.00	60.10 4.02 0.00	47.17 2.87 0.00	37.93 2.42 0.00	29.34 1.74 0.00
ASTORIA_GT_8 24108	26.59 0.43 -20.11	21.93 0.28 -17.71	25.06 1.39 0.00	23.55 1.29 0.00	24.20 1.38 0.00	27.39 1.38 0.00	36.42 2.06 0.00	62.08 3.60 0.00	63.66 3.87 0.00	22.72 1.54 0.00	27.18 1.90 0.00	27.13 2.01 0.00	26.41 2.09 0.00	27.58 2.27 -0.49	29.08 1.59 -9.10	31.05 1.99 -6.25	40.81 2.69 -9.27	43.42 3.47 -2.04	49.33 3.83 0.00	52.33 3.70 0.00	60.10 4.02 0.00	47.17 2.87 0.00	37.93 2.42 0.00	29.34 1.74 0.00
ASTORIA___2 24149	26.58 0.42 -20.11	21.93 0.28 -17.71	25.02 1.35 0.00	23.53 1.26 0.00	24.17 1.35 0.00	27.35 1.34 0.00	36.36 2.01 0.00	62.00 3.52 0.00	63.55 3.76 0.00	22.68 1.50 0.00	27.14 1.85 0.00	27.09 1.97 0.00	26.35 2.04 0.00	27.54 2.22 -0.49	28.89 1.40 -9.10	30.82 1.76 -6.25	40.50 2.38 -9.27	43.32 3.36 -2.04	49.24 3.75 0.00	52.24 3.61 0.00	59.99 3.91 0.00	47.09 2.79 0.00	37.86 2.36 0.00	29.31 1.71 0.00
ASTORIA___3 23516	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.53 0.00	27.56 1.55 0.00	36.58 2.22 0.00	62.36 3.88 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.17 1.68 -11.09	32.54 2.13 -7.61	43.00 2.85 -11.30	44.08 3.69 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.48 1.87 0.00
ASTORIA___4 23517	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.34 3.86 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.29 2.17 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.20 1.71 -11.09	32.58 2.17 -7.61	43.06 2.91 -11.30	44.09 3.70 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.47 1.87 0.00
ASTORIA___5 23518	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.53 0.00	27.56 1.55 0.00	36.58 2.22 0.00	62.36 3.88 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.17 1.68 -11.09	32.54 2.13 -7.61	43.00 2.85 -11.30	44.08 3.69 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.48 1.87 0.00
AST_ENERGY_2_CC3 323677	26.60 0.44 -20.10	21.93 0.28 -17.71	25.15 1.48 0.00	23.66 1.39 0.00	24.29 1.47 0.00	27.48 1.47 0.00	36.48 2.12 0.00	62.19 3.72 0.00	63.76 3.97 0.00	22.78 1.60 0.00	27.30 2.02 0.00	27.22 2.10 0.00	26.51 2.19 0.00	27.67 2.35 -0.49	29.23 1.74 -9.09	31.24 2.20 -6.24	41.06 2.95 -9.27	43.57 3.63 -2.03	49.44 3.95 0.00	52.47 3.84 0.00	60.22 4.14 0.00	47.23 2.93 0.00	37.97 2.46 0.00	29.42 1.81 0.00
AST_ENERGY_2_CC4 323678	26.60 0.44 -20.10	21.93 0.28 -17.71	25.15 1.48 0.00	23.66 1.39 0.00	24.29 1.47 0.00	27.48 1.47 0.00	36.48 2.12 0.00	62.19 3.72 0.00	63.76 3.97 0.00	22.78 1.60 0.00	27.30 2.02 0.00	27.22 2.10 0.00	26.51 2.19 0.00	27.67 2.35 -0.49	29.23 1.74 -9.09	31.24 2.20 -6.24	41.06 2.95 -9.27	43.57 3.63 -2.03	49.44 3.95 0.00	52.47 3.84 0.00	60.22 4.14 0.00	47.23 2.93 0.00	37.97 2.46 0.00	29.42 1.81 0.00

ATHENS_STG_1 23668	28.37 0.25 -22.07	23.54 0.16 -19.44	24.50 0.83 0.00	23.05 0.78 0.00	23.68 0.86 0.00	26.85 0.84 0.00	35.48 1.12 0.00	60.41 1.93 0.00	61.85 2.06 0.00	21.99 0.81 0.00	26.25 0.96 0.00	26.13 1.01 0.00	25.37 1.05 0.00	25.95 1.14 0.00	19.25 0.86 0.00	23.92 1.11 0.00	30.35 1.50 0.00	39.80 1.89 0.00	47.61 2.11 0.00	50.64 2.00 0.00	58.26 2.19 0.00	45.87 1.57 0.00	36.85 1.34 0.00	28.62 1.02 0.00
ATHENS_STG_2 23670	28.37 0.25 -22.07	23.54 0.16 -19.44	24.50 0.83 0.00	23.05 0.78 0.00	23.68 0.86 0.00	26.85 0.84 0.00	35.48 1.12 0.00	60.41 1.93 0.00	61.85 2.06 0.00	21.99 0.81 0.00	26.25 0.96 0.00	26.13 1.01 0.00	25.37 1.05 0.00	25.95 1.14 0.00	19.25 0.86 0.00	23.92 1.11 0.00	30.35 1.50 0.00	39.80 1.89 0.00	47.61 2.11 0.00	50.64 2.00 0.00	58.26 2.19 0.00	45.87 1.57 0.00	36.85 1.34 0.00	28.62 1.02 0.00
ATHENS_STG_3 23677	28.37 0.25 -22.07	23.54 0.16 -19.44	24.50 0.83 0.00	23.05 0.78 0.00	23.68 0.86 0.00	26.85 0.84 0.00	35.48 1.12 0.00	60.41 1.93 0.00	61.85 2.06 0.00	21.99 0.81 0.00	26.25 0.96 0.00	26.13 1.01 0.00	25.37 1.05 0.00	25.95 1.14 0.00	19.25 0.86 0.00	23.92 1.11 0.00	30.35 1.50 0.00	39.80 1.89 0.00	47.61 2.11 0.00	50.64 2.00 0.00	58.26 2.19 0.00	45.87 1.57 0.00	36.85 1.34 0.00	28.62 1.02 0.00
AUBURN___LFGE 323710	8.77 -0.01 -2.72	6.33 -0.02 -2.40	23.52 -0.14 0.00	22.14 -0.12 0.00	22.70 -0.12 0.00	25.83 -0.18 0.00	34.16 -0.20 0.00	58.05 -0.43 0.00	59.37 -0.43 0.00	21.09 -0.09 0.00	25.17 -0.11 0.00	24.88 -0.24 0.00	24.04 -0.27 0.00	24.45 -0.37 0.00	18.10 -0.30 0.00	22.40 -0.41 0.00	28.26 -0.59 0.00	37.10 -0.82 0.00	44.73 -0.77 0.00	48.14 -0.49 0.00	55.43 -0.65 0.00	43.81 -0.48 0.00	35.03 -0.48 0.00	27.24 -0.36 0.00
BABYLON_RES_REC 323704	26.62 0.46 -20.11	21.95 0.30 -17.71	25.09 1.43 0.00	23.56 1.29 0.00	24.26 1.44 0.00	27.54 1.53 0.00	36.57 2.21 0.00	62.11 3.64 0.00	63.80 4.00 0.00	22.72 1.54 0.00	26.61 1.77 0.44	25.49 1.99 1.62	23.31 2.13 3.14	26.58 2.37 0.61	18.59 1.84 1.65	22.52 2.25 2.53	27.63 3.39 4.62	37.16 4.10 4.85	51.66 4.51 -1.66	56.36 4.47 -3.26	64.08 4.86 -3.14	60.82 3.57 -12.94	43.11 2.54 -5.05	29.53 1.93 0.00
BABYLON___69_KV_BK2 356345	26.68 0.52 -20.11	21.99 0.33 -17.71	25.33 1.66 0.00	23.77 1.51 0.00	24.48 1.66 0.00	27.82 1.81 0.00	36.95 2.59 0.00	62.76 4.28 0.00	64.46 4.67 0.00	22.94 1.75 0.00	26.78 2.00 0.50	25.48 2.21 1.85	23.13 2.35 3.54	26.73 2.60 0.70	18.62 2.01 1.79	22.59 2.58 2.80	27.48 3.73 5.11	37.05 4.57 5.43	62.67 5.07 -12.11	70.24 5.08 -16.53	76.81 5.56 -15.17	90.15 4.12 -41.74	54.62 2.95 -16.16	29.84 2.24 0.00
BALL_HILL_WT_PWR 323825	9.56 -0.23 -3.74	7.03 -0.21 -3.30	22.81 -0.85 0.00	21.57 -0.69 0.00	22.24 -0.58 0.00	25.39 -0.62 0.00	33.53 -0.83 0.00	56.34 -2.14 0.00	58.06 -1.73 0.00	21.06 -0.12 0.00	25.84 0.56 0.00	25.46 0.34 0.00	24.69 0.38 0.00	24.89 0.07 0.00	18.37 -0.03 0.00	22.52 -0.29 0.00	28.27 -0.58 0.00	36.82 -1.09 0.00	44.16 -1.33 0.00	47.88 -0.75 0.00	54.45 -1.63 0.00	43.49 -0.81 0.00	34.40 -1.11 0.00	26.91 -0.69 0.00
BARON_WINDS___WT_PWR 323822	10.55 -0.28 -4.77	7.94 -0.21 -4.20	22.65 -1.01 0.00	21.42 -0.85 0.00	22.10 -0.71 0.00	25.03 -0.98 0.00	33.00 -1.36 0.00	55.93 -2.56 0.00	57.63 -2.17 0.00	20.63 -0.56 0.00	25.04 -0.24 0.00	24.74 -0.38 0.00	24.03 -0.29 0.00	24.28 -0.54 0.00	17.93 -0.46 0.00	22.14 -0.67 0.00	27.93 -0.92 0.00	36.57 -1.34 0.00	44.26 -1.24 0.00	48.12 -0.51 0.00	54.93 -1.15 0.00	43.65 -0.64 0.00	34.67 -0.84 0.00	27.05 -0.55 0.00
BARRETT_IC_1 23704	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_10 23701	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	54.82 1.89 -27.81	48.78 2.02 -22.44	38.35 2.22 -11.32	33.99 1.70 -13.89	44.00 2.19 -19.00	54.22 3.08 -22.30	66.76 3.62 -25.22	67.29 3.93 -17.87	68.64 3.81 -16.19	73.84 4.15 -13.61	48.21 2.92 -0.99	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_11 23702	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	54.82 1.89 -27.81	48.78 2.02 -22.44	38.35 2.22 -11.32	33.99 1.70 -13.89	44.00 2.19 -19.00	54.22 3.08 -22.30	66.76 3.62 -25.22	67.29 3.93 -17.87	68.64 3.81 -16.19	73.84 4.15 -13.61	48.21 2.92 -0.99	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_12 23703	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	54.82 1.89 -27.81	48.78 2.02 -22.44	38.35 2.22 -11.32	33.99 1.70 -13.89	44.00 2.19 -19.00	54.22 3.08 -22.30	66.76 3.62 -25.22	67.29 3.93 -17.87	68.64 3.81 -16.19	73.84 4.15 -13.61	48.21 2.92 -0.99	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_2 23705	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_3 23706	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_4 23707	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00

BARRETT_IC_5 23708	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_6 23709	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_7 23710	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.39 1.13 0.00	24.08 1.26 0.00	27.32 1.31 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.01 3.22 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.36 2.23 -11.32	38.25 1.70 -18.15	64.51 2.20 -39.50	106.54 3.10 -74.59	131.64 3.63 -90.10	113.62 3.93 -64.19	110.04 3.82 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.07 0.00	29.18 1.58 0.00
BARRETT_IC_8 23711	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT_IC_9 23700	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	54.82 1.89 -27.81	48.78 2.02 -22.44	38.35 2.22 -11.32	33.99 1.70 -13.89	44.00 2.19 -19.00	54.22 3.08 -22.30	66.76 3.62 -25.22	67.29 3.93 -17.87	68.64 3.81 -16.19	73.84 4.15 -13.61	48.21 2.92 -0.99	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT___1 23545	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	58.89 1.89 -31.88	86.86 2.02 -60.53	38.35 2.22 -11.32	38.25 1.70 -18.15	64.49 2.19 -39.50	106.52 3.08 -74.59	131.64 3.62 -90.10	113.62 3.93 -64.19	110.04 3.81 -57.59	108.66 4.15 -48.44	50.74 2.92 -3.51	37.59 2.08 0.00	29.18 1.58 0.00
BARRETT___2 23546	26.57 0.41 -20.11	21.92 0.27 -17.71	24.92 1.26 0.00	23.40 1.13 0.00	24.08 1.26 0.00	27.33 1.32 0.00	36.25 1.90 0.00	61.50 3.02 0.00	63.04 3.24 0.00	22.51 1.33 0.00	35.64 1.68 -8.68	54.82 1.89 -27.81	48.78 2.02 -22.44	38.35 2.22 -11.32	33.99 1.70 -13.89	44.00 2.19 -19.00	54.22 3.08 -22.30	66.76 3.62 -25.22	67.29 3.93 -17.87	68.64 3.81 -16.19	73.84 4.15 -13.61	48.21 2.92 -0.99	37.59 2.08 0.00	29.18 1.58 0.00
BATAVIA__115KV_TB1 55881	8.90 -0.24 -3.09	6.46 -0.20 -2.71	22.66 -1.01 0.00	21.39 -0.88 0.00	22.08 -0.74 0.00	25.26 -0.76 0.00	33.25 -1.11 0.00	55.66 -2.82 0.00	57.09 -2.71 0.00	20.53 -0.65 0.00	25.23 -0.05 0.00	24.81 -0.31 0.00	23.82 -0.49 0.00	24.03 -0.79 0.00	17.64 -0.75 0.00	21.74 -1.07 0.00	27.10 -1.75 0.00	35.32 -2.59 0.00	42.87 -2.63 0.00	47.07 -1.56 0.00	53.70 -2.37 0.00	42.97 -1.33 0.00	34.00 -1.50 0.00	26.62 -0.98 0.00
BAYONEEC___CTG1 323682	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG10 323750	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG2 323683	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG3 323684	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG4 323685	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG5 323686	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG6 323687	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00

BAYONEEC___CTG7 323688	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG8 323689	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BAYONEEC___CTG9 323749	26.61 0.45 -20.10	21.94 0.29 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.50 1.49 0.00	36.51 2.15 0.00	62.23 3.75 0.00	63.78 3.98 0.00	22.79 1.61 0.00	27.29 2.01 0.00	27.20 2.08 0.00	26.50 2.18 0.00	27.66 2.34 -0.49	29.22 1.73 -9.09	31.24 2.19 -6.24	41.06 2.95 -9.27	43.59 3.65 -2.03	49.46 3.97 0.00	52.47 3.84 0.00	60.23 4.15 0.00	47.24 2.94 0.00	37.98 2.47 0.00	29.42 1.82 0.00
BEACON___LESR 323632	30.73 0.25 -24.43	25.61 0.15 -21.52	24.45 0.78 0.00	22.99 0.72 0.00	23.56 0.75 0.00	26.84 0.82 0.00	35.39 1.03 0.00	60.31 1.83 0.00	61.56 1.76 0.00	21.67 0.49 0.00	25.81 0.53 0.00	25.71 0.59 0.00	24.87 0.56 0.00	25.43 0.61 0.00	18.87 0.48 0.00	23.45 0.64 0.00	29.89 1.04 0.00	39.28 1.37 0.00	47.25 1.75 0.00	50.33 1.70 0.00	58.11 2.04 0.00	45.62 1.32 0.00	36.64 1.13 0.00	28.42 0.82 0.00
BEAVER RIVER___HYD 24048	5.07 -0.37 0.61	2.71 -0.24 0.99	24.86 -1.49 -2.68	23.49 -1.37 -2.60	24.44 -1.01 -2.63	25.91 -0.56 -0.46	34.20 -0.40 -0.24	58.02 -0.46 0.00	58.81 -0.98 0.00	20.60 -0.58 0.00	24.36 -0.93 0.00	23.98 -1.14 0.00	23.08 -1.23 0.00	23.52 -1.29 0.00	17.38 -1.02 0.00	21.48 -1.33 0.00	27.33 -1.52 0.00	36.40 -1.51 0.00	44.25 -1.25 0.00	48.29 -0.34 0.00	56.32 0.24 0.00	44.57 0.27 0.00	35.61 0.10 0.00	27.55 -0.05 0.00
BEEBEE_GT_13 23619	8.53 -0.19 -2.67	6.12 -0.18 -2.35	22.78 -0.88 0.00	21.51 -0.76 0.00	22.14 -0.67 0.00	25.30 -0.71 0.00	33.28 -1.08 0.00	55.92 -2.56 0.00	57.46 -2.34 0.00	20.72 -0.46 0.00	25.34 0.06 0.00	25.01 -0.11 0.00	24.05 -0.26 0.00	24.35 -0.47 0.00	17.89 -0.51 0.00	22.10 -0.71 0.00	27.66 -1.19 0.00	36.10 -1.81 0.00	43.56 -1.94 0.00	47.26 -1.37 0.00	53.94 -2.13 0.00	43.06 -1.24 0.00	34.16 -1.34 0.00	26.71 -0.89 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.67 0.51 -20.11	21.97 0.32 -17.71	25.45 1.78 0.00	23.93 1.67 0.00	24.59 1.77 0.00	27.85 1.84 0.00	36.94 2.58 0.00	62.86 4.39 0.00	64.48 4.69 0.00	23.08 1.90 0.00	27.62 2.34 0.00	27.54 2.42 0.00	26.82 2.50 0.00	28.09 2.67 -0.60	31.38 1.89 -11.09	32.82 2.40 -7.61	43.37 3.22 -11.30	44.50 4.10 -2.48	50.00 4.51 0.00	53.06 4.43 0.00	60.92 4.85 0.00	47.83 3.54 0.00	38.49 2.98 0.00	29.79 2.19 0.00
BETHLEHEM___GRP 23843	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.87 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.65 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.02 0.51 0.00	28.01 0.41 0.00
BETHLEHEM___GS1 323560	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.86 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.66 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.03 0.52 0.00	28.01 0.41 0.00
BETHLEHEM___GS2 323561	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.86 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.66 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.03 0.52 0.00	28.01 0.41 0.00
BETHLEHEM___GS3 323562	30.66 0.15 -24.46	25.58 0.10 -21.54	24.16 0.49 0.00	22.72 0.45 0.00	23.34 0.53 0.00	26.47 0.46 0.00	34.80 0.44 0.00	59.31 0.83 0.00	60.66 0.86 0.00	21.43 0.24 0.00	25.49 0.21 0.00	25.41 0.29 0.00	24.60 0.28 0.00	25.15 0.33 0.00	18.65 0.25 0.00	23.20 0.39 0.00	29.44 0.59 0.00	38.57 0.66 0.00	46.32 0.83 0.00	49.33 0.70 0.00	56.89 0.82 0.00	44.82 0.52 0.00	36.03 0.52 0.00	28.01 0.41 0.00
BETHLEHEM___STEEL 23779	9.31 -0.33 -3.58	6.83 -0.27 -3.15	22.35 -1.31 0.00	21.12 -1.15 0.00	21.75 -1.06 0.00	24.83 -1.18 0.00	32.62 -1.74 0.00	54.72 -3.76 0.00	56.51 -3.29 0.00	20.46 -0.72 0.00	25.20 -0.08 0.00	24.82 -0.29 0.00	23.91 -0.40 0.00	24.13 -0.68 0.00	17.75 -0.64 0.00	21.87 -0.94 0.00	27.30 -1.55 0.00	35.50 -2.42 0.00	42.70 -2.80 0.00	46.39 -2.24 0.00	52.81 -3.27 0.00	42.27 -2.03 0.00	33.50 -2.01 0.00	26.24 -1.36 0.00
BETHLHEM_115KV_TB1 79974	30.66 0.16 -24.45	25.58 0.10 -21.53	24.20 0.53 0.00	22.76 0.49 0.00	23.38 0.57 0.00	26.52 0.51 0.00	34.89 0.53 0.00	59.45 0.97 0.00	60.79 1.00 0.00	21.47 0.30 0.00	25.56 0.28 0.00	25.46 0.34 0.00	24.65 0.34 0.00	25.21 0.39 0.00	18.69 0.30 0.00	23.25 0.44 0.00	29.50 0.65 0.00	38.66 0.75 0.00	46.45 0.95 0.00	49.47 0.84 0.00	57.04 0.97 0.00	44.95 0.65 0.00	36.12 0.60 0.00	28.07 0.47 0.00
BETHPAGE_CC_5 323564	26.59 0.43 -20.11	21.93 0.28 -17.71	25.00 1.33 0.00	23.47 1.20 0.00	24.17 1.35 0.00	27.43 1.41 0.00	36.37 2.01 0.00	61.75 3.27 0.00	63.44 3.65 0.00	22.62 1.43 0.00	26.78 1.71 0.21	26.25 1.94 0.81	24.61 2.08 1.78	26.82 2.31 0.32	18.99 1.78 1.19	23.50 2.31 1.61	29.23 3.34 2.96	38.99 3.95 2.87	47.99 4.31 1.82	51.15 4.25 1.74	59.31 4.69 1.46	47.52 3.33 0.10	37.89 2.38 0.00	29.44 1.84 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	9.36 -0.32 -3.63	6.88 -0.26 -3.19	22.40 -1.27 0.00	21.16 -1.11 0.00	21.80 -1.02 0.00	24.87 -1.14 0.00	32.69 -1.67 0.00	54.89 -3.59 0.00	56.65 -3.15 0.00	20.52 -0.66 0.00	25.26 -0.03 0.00	24.89 -0.23 0.00	23.98 -0.33 0.00	24.20 -0.61 0.00	17.80 -0.59 0.00	21.93 -0.87 0.00	27.39 -1.46 0.00	35.62 -2.30 0.00	42.84 -2.65 0.00	46.53 -2.10 0.00	52.96 -3.12 0.00	42.39 -1.91 0.00	33.58 -1.93 0.00	26.30 -1.30 0.00

BINGHAMTON___COGEN 23790	12.70 0.03 -6.62	9.78 0.00 -5.83	23.65 -0.02 0.00	22.26 0.00 0.00	22.85 0.03 0.00	25.98 -0.03 0.00	34.35 -0.01 0.00	58.38 -0.09 0.00	59.81 0.02 0.00	21.31 0.13 0.00	25.54 0.26 0.00	25.29 0.17 0.00	24.54 0.22 0.00	24.96 0.14 0.00	18.50 0.10 0.00	22.87 0.06 0.00	28.94 0.09 0.00	37.98 0.07 0.00	45.61 0.11 0.00	48.98 0.34 0.00	56.20 0.13 0.00	44.42 0.13 0.00	35.50 -0.01 0.00	27.61 0.01 0.00
BIXINCNT_115KV_LOAD 355685	9.60 -0.31 -3.85	7.11 -0.23 -3.39	22.65 -1.02 0.00	21.36 -0.90 0.00	22.05 -0.76 0.00	25.08 -0.93 0.00	33.14 -1.22 0.00	55.76 -2.72 0.00	57.62 -2.18 0.00	20.95 -0.23 0.00	25.74 0.45 0.00	25.38 0.26 0.00	24.51 0.19 0.00	24.76 -0.06 0.00	18.21 -0.19 0.00	22.38 -0.42 0.00	28.01 -0.84 0.00	36.38 -1.53 0.00	43.70 -1.79 0.00	47.40 -1.23 0.00	54.02 -2.05 0.00	43.11 -1.19 0.00	34.15 -1.37 0.00	26.75 -0.85 0.00
BLACK RIVER___HYD 24047	5.88 -0.36 -0.19	3.56 -0.24 0.15	24.03 -1.50 -1.86	22.71 -1.36 -1.81	23.70 -0.94 -1.83	25.91 -0.42 -0.32	34.38 -0.15 -0.17	58.38 -0.10 0.00	58.84 -0.95 0.00	20.54 -0.64 0.00	24.29 -0.99 0.00	23.85 -1.26 0.00	22.94 -1.37 0.00	23.36 -1.46 0.00	17.22 -1.18 0.00	21.29 -1.52 0.00	27.08 -1.77 0.00	36.07 -1.84 0.00	44.01 -1.49 0.00	48.45 -0.18 0.00	56.73 0.65 0.00	44.81 0.51 0.00	35.76 0.25 0.00	27.64 0.04 0.00
BLACKRVR_115KV_TB2 79977	5.88 -0.36 -0.19	3.56 -0.24 0.15	24.03 -1.50 -1.86	22.71 -1.36 -1.81	23.71 -0.94 -1.83	25.91 -0.42 -0.32	34.38 -0.15 -0.17	58.38 -0.10 0.00	58.84 -0.96 0.00	20.54 -0.64 0.00	24.29 -0.99 0.00	23.86 -1.26 0.00	22.94 -1.37 0.00	23.36 -1.46 0.00	17.22 -1.17 0.00	21.29 -1.52 0.00	27.08 -1.77 0.00	36.07 -1.84 0.00	44.01 -1.49 0.00	48.45 -0.18 0.00	56.73 0.65 0.00	44.81 0.51 0.00	35.76 0.25 0.00	27.64 0.04 0.00
BLISS_WT_PWR 323608	9.57 -0.33 -3.85	7.10 -0.24 -3.39	22.62 -1.04 0.00	21.33 -0.94 0.00	22.02 -0.80 0.00	25.02 -0.99 0.00	33.11 -1.25 0.00	55.70 -2.78 0.00	57.52 -2.28 0.00	20.97 -0.21 0.00	25.76 0.48 0.00	25.42 0.30 0.00	24.53 0.21 0.00	24.77 -0.05 0.00	18.22 -0.18 0.00	22.39 -0.41 0.00	28.02 -0.83 0.00	36.41 -1.50 0.00	43.73 -1.77 0.00	47.41 -1.22 0.00	54.04 -2.04 0.00	43.11 -1.19 0.00	34.14 -1.37 0.00	26.74 -0.86 0.00
BLUESTONE___WT_PWR 323821	13.01 -0.12 -7.08	10.10 -0.09 -6.24	23.10 -0.57 0.00	21.61 -0.66 0.00	22.16 -0.66 0.00	25.36 -0.65 0.00	33.90 -0.46 0.00	59.20 0.72 0.00	60.78 0.98 0.00	21.87 0.69 0.00	26.06 0.78 0.00	25.70 0.58 0.00	24.84 0.52 0.00	25.23 0.41 0.00	18.70 0.30 0.00	23.14 0.33 0.00	29.49 0.64 0.00	39.23 1.32 0.00	47.70 2.20 0.00	51.88 3.25 0.00	60.03 3.95 0.00	46.93 2.64 0.00	37.58 2.07 0.00	29.02 1.42 0.00
BLUE_CIRC_CHEM_DRP 24182	30.41 0.22 -24.14	25.35 0.14 -21.26	24.43 0.76 0.00	22.99 0.72 0.00	23.62 0.80 0.00	26.81 0.80 0.00	35.30 0.94 0.00	60.05 1.58 0.00	61.24 1.44 0.00	21.54 0.36 0.00	25.60 0.31 0.00	25.46 0.34 0.00	24.65 0.33 0.00	25.14 0.32 0.00	18.48 0.09 0.00	22.96 0.15 0.00	29.23 0.38 0.00	38.12 0.20 0.00	46.34 0.85 0.00	49.97 1.34 0.00	57.64 1.57 0.00	45.45 1.16 0.00	36.50 1.00 0.00	28.37 0.77 0.00
BOC_GAS_DRP 24189	30.64 0.18 -24.40	25.55 0.12 -21.49	24.28 0.62 0.00	22.84 0.58 0.00	23.46 0.64 0.00	26.63 0.62 0.00	35.10 0.74 0.00	59.77 1.29 0.00	61.11 1.32 0.00	21.61 0.42 0.00	25.75 0.46 0.00	25.63 0.52 0.00	24.84 0.52 0.00	25.39 0.56 0.00	18.81 0.42 0.00	23.39 0.58 0.00	29.65 0.80 0.00	38.89 0.98 0.00	46.68 1.18 0.00	49.74 1.11 0.00	57.33 1.26 0.00	45.20 0.90 0.00	36.31 0.80 0.00	28.22 0.61 0.00
BOONVILLE_115KV_TB1 79983	6.63 -0.07 -0.64	4.37 -0.05 -0.47	24.39 -0.32 -1.05	22.99 -0.29 -1.02	23.76 -0.08 -1.03	26.39 0.19 -0.18	34.89 0.43 -0.09	59.33 0.85 0.00	60.48 0.68 0.00	21.36 0.18 0.00	25.30 0.02 0.00	24.98 -0.14 0.00	24.09 -0.22 0.00	24.55 -0.27 0.00	18.16 -0.23 0.00	22.50 -0.31 0.00	28.60 -0.25 0.00	37.86 -0.05 0.00	45.87 0.38 0.00	49.52 0.88 0.00	57.36 1.28 0.00	45.26 0.96 0.00	36.20 0.69 0.00	28.06 0.46 0.00
BORALEX_4TH_BRANCH 23824	30.77 0.32 -24.39	25.63 0.20 -21.48	24.91 1.25 0.00	23.44 1.17 0.00	24.15 1.33 0.00	27.30 1.28 0.00	35.79 1.43 0.00	60.96 2.49 0.00	62.28 2.49 0.00	21.87 0.69 0.00	25.97 0.68 0.00	25.88 0.76 0.00	24.98 0.67 0.00	25.51 0.69 0.00	18.95 0.56 0.00	23.65 0.84 0.00	29.95 1.10 0.00	39.50 1.59 0.00	47.51 2.01 0.00	50.46 1.82 0.00	58.35 2.27 0.00	46.05 1.75 0.00	37.06 1.55 0.00	28.86 1.26 0.00
BOWLINE___1 23526	25.95 0.38 -19.52	21.37 0.24 -17.19	24.88 1.22 0.00	23.41 1.14 0.00	24.04 1.22 0.00	27.25 1.24 0.00	36.14 1.78 0.00	61.54 3.06 0.00	63.02 3.22 0.00	22.45 1.27 0.00	26.85 1.56 0.00	26.74 1.62 0.00	26.05 1.74 0.00	26.70 1.88 0.00	19.80 1.41 0.00	24.60 1.79 0.00	31.28 2.43 0.00	40.96 3.05 0.00	48.85 3.36 0.00	51.92 3.29 0.00	59.63 3.56 0.00	46.82 2.52 0.00	37.59 2.08 0.00	29.11 1.52 0.00
BOWLINE___2 23595	25.95 0.38 -19.52	21.38 0.24 -17.19	24.88 1.22 0.00	23.41 1.14 0.00	24.04 1.22 0.00	27.25 1.24 0.00	36.14 1.78 0.00	61.54 3.06 0.00	63.04 3.25 0.00	22.45 1.27 0.00	26.85 1.57 0.00	26.74 1.62 0.00	26.05 1.74 0.00	26.70 1.88 0.00	19.80 1.41 0.00	24.60 1.79 0.00	31.28 2.43 0.00	40.96 3.05 0.00	48.85 3.36 0.00	51.92 3.29 0.00	59.63 3.56 0.00	46.82 2.52 0.00	37.59 2.08 0.00	29.11 1.52 0.00
BRADY___115KV_TB2 356060	-1.36 -0.16 7.25	-4.04 -0.08 7.91	26.62 -0.40 -3.35	25.11 -0.41 -3.25	25.74 -0.36 -3.29	26.43 -0.15 -0.57	34.61 -0.06 -0.30	58.57 0.09 0.00	59.68 -0.12 0.00	20.86 -0.32 0.00	24.84 -0.45 0.00	24.68 -0.44 0.00	23.81 -0.50 0.00	24.36 -0.46 0.00	18.06 -0.34 0.00	22.35 -0.46 0.00	28.22 -0.63 0.00	37.47 -0.44 0.00	44.84 -0.66 0.00	48.35 -0.29 0.00	56.25 0.18 0.00	45.01 0.72 0.00	35.92 0.40 0.00	27.78 0.19 0.00
BRANSCOMB___SOLAR 323811	31.40 0.30 -25.04	26.20 0.20 -22.05	24.85 1.18 0.00	23.36 1.09 0.00	24.07 1.25 0.00	27.37 1.36 0.00	36.08 1.72 0.00	61.28 2.80 0.00	62.29 2.50 0.00	21.81 0.63 0.00	25.88 0.59 0.00	25.77 0.65 0.00	24.90 0.58 0.00	25.44 0.62 0.00	18.89 0.49 0.00	23.47 0.66 0.00	29.68 0.84 0.00	39.13 1.22 0.00	47.23 1.74 0.00	50.39 1.76 0.00	58.23 2.16 0.00	45.91 1.62 0.00	36.90 1.39 0.00	28.90 1.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.60 0.00	23.71 1.45 0.00	24.41 1.60 0.00	27.72 1.71 0.00	36.82 2.47 0.00	62.52 4.04 0.00	64.22 4.42 0.00	22.87 1.69 0.00	26.48 1.93 0.74	24.57 2.15 2.71	21.61 2.31 5.01	26.38 2.57 1.01	18.09 1.98 2.28	21.56 2.55 3.80	25.59 3.66 6.92	34.78 4.46 7.59	61.04 4.87 -10.69	68.87 4.82 -15.42	75.37 5.05 -14.25	90.38 3.86 -42.22	54.67 2.79 -16.38	29.73 2.13 0.00

BRISTLHL_115KV_TB1 79998	7.71 -0.10 -1.76	5.42 -0.08 -1.55	23.17 -0.50 0.00	21.80 -0.46 0.00	22.33 -0.49 0.00	25.38 -0.63 0.00	33.55 -0.81 0.00	57.15 -1.33 0.00	58.36 -1.43 0.00	20.73 -0.45 0.00	24.67 -0.61 0.00	24.42 -0.70 0.00	23.62 -0.70 0.00	24.08 -0.74 0.00	17.86 -0.54 0.00	22.12 -0.69 0.00	27.88 -0.97 0.00	36.58 -1.33 0.00	44.04 -1.46 0.00	47.22 -1.41 0.00	54.49 -1.59 0.00	42.96 -1.34 0.00	34.44 -1.07 0.00	26.78 -0.82 0.00
BROOKHAVEN___DRP 24191	26.65 0.48 -20.11	21.97 0.31 -17.71	25.18 1.51 0.00	23.62 1.36 0.00	24.33 1.52 0.00	27.64 1.63 0.00	36.70 2.35 0.00	62.30 3.82 0.00	64.03 4.24 0.00	22.81 1.63 0.00	26.20 1.72 0.80	24.14 1.95 2.92	21.07 2.15 5.39	26.20 2.47 1.09	17.90 1.91 2.41	21.22 2.48 4.06	25.05 3.58 7.38	34.20 4.43 8.15	121.39 4.78 -71.11	144.52 4.65 -91.23	144.28 5.34 -82.86	251.33 3.93 -203.10	116.72 2.84 -78.37	29.78 2.18 0.00
BROOKLYN_NAVY_YARD 23515	26.61 0.45 -20.10	21.94 0.29 -17.71	25.12 1.46 0.00	23.63 1.37 0.00	24.26 1.45 0.00	27.45 1.44 0.00	36.44 2.08 0.00	62.14 3.66 0.00	63.71 3.91 0.00	22.76 1.58 0.00	27.22 1.94 0.00	27.15 2.04 0.00	26.45 2.14 0.00	27.60 2.29 -0.49	29.19 1.70 -9.09	31.21 2.17 -6.24	41.02 2.90 -9.27	43.50 3.56 -2.03	49.34 3.85 0.00	52.35 3.72 0.00	60.09 4.01 0.00	47.13 2.83 0.00	37.90 2.39 0.00	29.37 1.77 0.00
BROOKLYN___ARMY_DRP 323595	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
BROOKVLE_69_KV_TB1 55790	26.63 0.47 -20.11	21.96 0.30 -17.71	25.18 1.52 0.00	23.67 1.40 0.00	24.34 1.53 0.00	27.61 1.60 0.00	36.64 2.29 0.00	62.35 3.88 0.00	63.97 4.17 0.00	22.80 1.62 0.00	27.82 2.00 -0.54	29.22 2.18 -1.91	29.64 2.30 -3.03	27.99 2.49 -0.67	20.68 1.89 -0.40	26.86 2.43 -1.62	35.18 3.36 -2.97	46.22 4.10 -4.21	53.53 4.54 -3.50	55.87 4.46 -2.78	63.21 4.80 -2.34	47.84 3.38 -0.17	38.10 2.59 0.00	29.53 1.93 0.00
BROOME_2_LFGE 323671	12.70 0.03 -6.62	9.78 0.00 -5.83	23.64 -0.03 0.00	22.26 -0.01 0.00	22.84 0.03 0.00	25.98 -0.03 0.00	34.36 0.00 0.00	58.38 -0.10 0.00	59.81 0.02 0.00	21.31 0.13 0.00	25.54 0.26 0.00	25.29 0.17 0.00	24.54 0.22 0.00	24.95 0.13 0.00	18.49 0.09 0.00	22.86 0.05 0.00	28.93 0.08 0.00	37.99 0.07 0.00	45.61 0.12 0.00	48.98 0.35 0.00	56.20 0.13 0.00	44.42 0.13 0.00	35.50 -0.01 0.00	27.61 0.01 0.00
BROOME___LFGE 323600	12.70 0.03 -6.62	9.78 0.00 -5.83	23.64 -0.03 0.00	22.26 -0.01 0.00	22.84 0.03 0.00	25.98 -0.03 0.00	34.36 0.00 0.00	58.38 -0.10 0.00	59.81 0.02 0.00	21.31 0.13 0.00	25.54 0.26 0.00	25.29 0.17 0.00	24.54 0.22 0.00	24.95 0.13 0.00	18.49 0.09 0.00	22.86 0.05 0.00	28.93 0.08 0.00	37.99 0.07 0.00	45.61 0.12 0.00	48.98 0.35 0.00	56.20 0.13 0.00	44.42 0.13 0.00	35.50 -0.01 0.00	27.61 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	3.23 -0.42 2.41	0.69 -0.26 3.00	26.91 -1.55 -4.80	25.46 -1.46 -4.65	26.29 -1.24 -4.71	25.88 -0.95 -0.82	33.81 -0.99 -0.43	57.04 -1.44 0.00	57.98 -1.82 0.00	20.29 -0.89 0.00	24.04 -1.24 0.00	23.77 -1.35 0.00	22.89 -1.42 0.00	23.42 -1.40 0.00	17.34 -1.05 0.00	21.42 -1.39 0.00	27.14 -1.71 0.00	36.13 -1.78 0.00	43.61 -1.88 0.00	47.34 -1.30 0.00	55.14 -0.93 0.00	43.90 -0.40 0.00	35.03 -0.47 0.00	27.10 -0.50 0.00
BROWNSV1_27_KV_LOAD 356125	26.66 0.50 -20.10	21.97 0.32 -17.71	25.33 1.66 0.00	23.83 1.56 0.00	24.47 1.65 0.00	27.73 1.71 0.00	36.83 2.47 0.00	62.78 4.31 0.00	64.37 4.57 0.00	23.00 1.82 0.00	27.53 2.25 0.00	27.44 2.32 0.00	26.73 2.41 0.00	27.89 2.57 -0.49	29.37 1.88 -9.09	31.44 2.39 -6.24	41.31 3.19 -9.27	43.96 4.01 -2.03	49.91 4.42 0.00	52.97 4.33 0.00	60.79 4.72 0.00	47.69 3.39 0.00	38.31 2.80 0.00	29.66 2.06 0.00
BURROWS___LYONSDAL 23803	6.30 -0.16 -0.40	4.03 -0.11 -0.19	24.37 -0.66 -1.37	23.00 -0.60 -1.33	23.83 -0.34 -1.34	26.25 0.00 -0.23	34.70 0.22 -0.12	59.02 0.54 0.00	60.09 0.29 0.00	21.20 0.01 0.00	25.09 -0.19 0.00	24.75 -0.37 0.00	23.86 -0.46 0.00	24.31 -0.51 0.00	17.97 -0.43 0.00	22.25 -0.57 0.00	28.30 -0.55 0.00	37.52 -0.39 0.00	45.51 0.02 0.00	49.24 0.61 0.00	57.13 1.05 0.00	45.12 0.82 0.00	36.06 0.55 0.00	27.94 0.34 0.00
CAITHNESS_CC_1 323624	26.63 0.47 -20.11	21.96 0.30 -17.71	25.14 1.48 0.00	23.60 1.33 0.00	24.30 1.48 0.00	27.60 1.59 0.00	36.64 2.28 0.00	62.19 3.71 0.00	63.92 4.13 0.00	22.78 1.60 0.00	26.19 1.71 0.81	24.13 1.94 2.93	21.04 2.13 5.40	26.17 2.44 1.09	17.88 1.90 2.41	21.20 2.46 4.06	24.98 3.53 7.40	34.07 4.32 8.16	120.69 4.67 -70.53	143.68 4.54 -90.51	143.44 5.16 -82.21	249.64 3.76 -201.58	116.02 2.73 -77.79	29.70 2.09 0.00
CALPINE BETH_PAGE_GT4 24209	26.59 0.43 -20.11	21.93 0.28 -17.71	25.00 1.33 0.00	23.46 1.20 0.00	24.16 1.34 0.00	27.43 1.41 0.00	36.38 2.02 0.00	61.72 3.24 0.00	63.38 3.58 0.00	22.60 1.41 0.00	26.97 1.69 0.00	27.04 1.92 0.00	26.37 2.06 0.00	27.06 2.27 0.04	19.46 1.75 0.69	24.60 2.27 0.47	31.40 3.25 0.70	41.54 3.79 0.15	49.62 4.13 0.00	52.68 4.05 0.00	60.53 4.45 0.00	47.45 3.15 0.00	37.75 2.24 0.00	29.37 1.77 0.00
CALPINE_BETH_PAGE_GT_4 323586	26.59 0.43 -20.11	21.93 0.28 -17.71	24.99 1.33 0.00	23.47 1.20 0.00	24.16 1.34 0.00	27.43 1.42 0.00	36.38 2.02 0.00	61.71 3.24 0.00	63.41 3.61 0.00	22.59 1.41 0.00	26.97 1.69 0.00	27.04 1.92 0.00	26.37 2.06 0.00	27.07 2.28 0.04	19.47 1.76 0.69	24.62 2.28 0.47	31.41 3.26 0.70	41.55 3.79 0.15	49.62 4.13 0.00	52.68 4.05 0.00	60.53 4.45 0.00	47.45 3.15 0.00	37.76 2.25 0.00	29.37 1.77 0.00
CALPINE_BP_GT1 23823	26.59 0.43 -20.11	21.93 0.28 -17.71	24.99 1.33 0.00	23.47 1.20 0.00	24.16 1.34 0.00	27.43 1.42 0.00	36.38 2.02 0.00	61.71 3.24 0.00	63.41 3.61 0.00	22.59 1.41 0.00	26.97 1.69 0.00	27.04 1.92 0.00	26.37 2.06 0.00	27.07 2.28 0.04	19.47 1.76 0.69	24.62 2.28 0.47	31.41 3.26 0.70	41.55 3.79 0.15	49.62 4.13 0.00	52.68 4.05 0.00	60.53 4.45 0.00	47.45 3.15 0.00	37.76 2.25 0.00	29.37 1.77 0.00
CALSPAN___DRP 24200	9.31 -0.33 -3.58	6.83 -0.27 -3.15	22.35 -1.31 0.00	21.12 -1.15 0.00	21.75 -1.06 0.00	24.83 -1.18 0.00	32.62 -1.74 0.00	54.72 -3.76 0.00	56.51 -3.29 0.00	20.46 -0.72 0.00	25.20 -0.08 0.00	24.82 -0.29 0.00	23.91 -0.40 0.00	24.13 -0.68 0.00	17.75 -0.64 0.00	21.87 -0.94 0.00	27.30 -1.55 0.00	35.50 -2.42 0.00	42.70 -2.80 0.00	46.39 -3.27 0.00	52.81 -2.03 0.00	42.27 -2.03 0.00	33.50 -2.01 0.00	26.24 -1.36 0.00

CALVERTON___SOLAR 323806	26.66 0.49 -20.11	21.97 0.31 -17.71	25.20 1.54 0.00	23.64 1.38 0.00	24.36 1.54 0.00	27.67 1.67 0.00	36.76 2.39 0.00	62.38 3.90 0.00	64.14 4.34 0.00	22.84 1.66 0.00	26.19 1.71 0.80	24.13 1.94 2.92	21.09 2.17 5.39	26.24 2.51 1.09	17.94 1.95 2.41	21.28 2.52 4.06	25.10 3.63 7.38	34.32 4.55 8.14	121.79 4.90 -71.39	144.96 4.75 -91.58	144.77 5.52 -83.17	252.20 4.09 -203.81	117.14 2.98 -78.65	29.87 2.28 0.00
CANDIGU_WT_PWR 323617	10.55 -0.28 -4.77	7.94 -0.21 -4.20	22.65 -1.01 0.00	21.42 -0.85 0.00	22.10 -0.71 0.00	25.03 -0.98 0.00	33.00 -1.36 0.00	55.93 -2.56 0.00	57.63 -2.17 0.00	20.63 -0.56 0.00	25.04 -0.24 0.00	24.74 -0.38 0.00	24.03 -0.29 0.00	24.28 -0.54 0.00	17.93 -0.46 0.00	22.14 -0.67 0.00	27.93 -0.92 0.00	36.57 -1.34 0.00	44.26 -1.24 0.00	48.12 -0.51 0.00	54.93 -1.15 0.00	43.65 -0.64 0.00	34.67 -0.84 0.00	27.05 -0.55 0.00
CARR STREET_E_SYR 24060	8.01 -0.05 -2.00	5.67 -0.04 -1.76	23.37 -0.29 0.00	21.99 -0.28 0.00	22.52 -0.30 0.00	25.60 -0.41 0.00	33.85 -0.50 0.00	57.65 -0.82 0.00	58.94 -0.86 0.00	20.95 -0.23 0.00	24.97 -0.31 0.00	24.73 -0.39 0.00	23.94 -0.38 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.38 -0.43 0.00	28.25 -0.60 0.00	37.08 -0.83 0.00	44.61 -0.89 0.00	47.77 -0.86 0.00	55.05 -1.03 0.00	43.42 -0.88 0.00	34.77 -0.74 0.00	27.02 -0.58 0.00
CARTHAGE___PAPER 23857	5.59 -0.34 0.12	3.25 -0.22 0.47	24.48 -1.37 -2.18	23.13 -1.25 -2.11	24.10 -0.85 -2.14	26.05 -0.33 -0.37	34.50 -0.06 -0.20	58.54 0.06 0.00	59.15 -0.65 0.00	20.65 -0.53 0.00	24.37 -0.91 0.00	23.96 -1.16 0.00	23.02 -1.30 0.00	23.47 -1.35 0.00	17.33 -1.07 0.00	21.43 -1.38 0.00	27.27 -1.58 0.00	36.41 -1.50 0.00	44.42 -1.07 0.00	48.70 0.07 0.00	56.91 0.84 0.00	45.01 0.71 0.00	35.94 0.43 0.00	27.78 0.18 0.00
CASSADAGA_WT_PWR 323784	9.70 -0.18 -3.83	7.15 -0.17 -3.37	23.14 -0.52 0.00	21.90 -0.37 0.00	22.59 -0.22 0.00	25.84 -0.17 0.00	34.22 -0.14 0.00	57.63 -0.85 0.00	59.45 -0.35 0.00	21.56 0.38 0.00	26.44 1.16 0.00	26.03 0.91 0.00	25.24 0.92 0.00	25.43 0.61 0.00	18.76 0.37 0.00	22.95 0.15 0.00	28.82 -0.03 0.00	37.60 -0.32 0.00	45.13 -0.37 0.00	48.92 0.28 0.00	55.68 -0.40 0.00	44.44 0.14 0.00	35.12 -0.39 0.00	27.43 -0.17 0.00
CE_DUNWOOD___DRP 24194	26.53 0.42 -20.06	21.88 0.26 -17.67	25.02 1.36 0.00	23.54 1.27 0.00	24.18 1.36 0.00	27.40 1.39 0.00	36.33 1.98 0.00	61.90 3.42 0.00	63.43 3.64 0.00	22.60 1.42 0.00	27.03 1.75 0.00	26.93 1.81 0.00	26.22 1.91 0.00	26.89 2.05 -0.02	20.23 1.52 -0.32	24.97 1.94 -0.22	31.80 2.62 -0.33	41.28 3.30 -0.07	49.14 3.65 0.00	52.20 3.57 0.00	59.94 3.87 0.00	47.06 2.76 0.00	37.78 2.27 0.00	29.28 1.68 0.00
CE_MILLWOOD___DRP 24193	26.46 0.40 -20.00	21.82 0.26 -17.62	24.98 1.31 0.00	23.49 1.23 0.00	24.13 1.32 0.00	27.36 1.35 0.00	36.27 1.91 0.00	61.78 3.30 0.00	63.29 3.49 0.00	22.55 1.37 0.00	26.96 1.67 0.00	26.85 1.74 0.00	26.14 1.83 0.00	26.80 1.97 -0.01	20.12 1.46 -0.25	24.86 1.87 -0.17	31.65 2.54 -0.26	41.17 3.20 -0.06	49.03 3.54 0.00	52.09 3.46 0.00	59.83 3.75 0.00	46.97 2.68 0.00	37.70 2.19 0.00	29.22 1.62 0.00
CE_NYC2_DRP 24202	26.62 0.46 -20.11	21.95 0.29 -17.71	25.21 1.54 0.00	23.71 1.45 0.00	24.36 1.54 0.00	27.59 1.58 0.00	36.61 2.25 0.00	62.39 3.92 0.00	63.97 4.17 0.00	22.88 1.70 0.00	27.38 2.10 0.00	27.30 2.18 0.00	26.59 2.27 0.00	27.85 2.43 -0.60	31.22 1.73 -11.09	32.61 2.19 -7.61	43.09 2.94 -11.30	44.12 3.73 -2.48	49.56 4.07 0.00	52.57 3.94 0.00	60.34 4.27 0.00	47.35 3.05 0.00	38.07 2.56 0.00	29.49 1.89 0.00
CE_NYC_DRP 24195	26.63 0.47 -20.10	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.44 0.00	24.34 1.52 0.00	27.57 1.56 0.00	36.61 2.25 0.00	62.40 3.92 0.00	63.99 4.19 0.00	22.86 1.68 0.00	27.38 2.10 0.00	27.29 2.17 0.00	26.57 2.26 0.00	27.71 2.43 -0.46	28.68 1.77 -8.51	30.90 2.26 -5.84	40.54 3.02 -8.67	43.59 3.77 -1.90	49.61 4.12 0.00	52.64 4.01 0.00	60.40 4.33 0.00	47.38 3.09 0.00	38.07 2.56 0.00	29.49 1.88 0.00
CHAFFEE___LFGE 323603	9.94 -0.17 -4.06	7.35 -0.17 -3.58	22.97 -0.69 0.00	21.72 -0.55 0.00	22.37 -0.45 0.00	25.47 -0.54 0.00	33.43 -0.93 0.00	56.26 -2.21 0.00	57.97 -1.82 0.00	21.02 -0.16 0.00	25.72 0.44 0.00	25.44 0.32 0.00	24.68 0.37 0.00	24.97 0.15 0.00	18.36 -0.04 0.00	22.47 -0.34 0.00	28.23 -0.62 0.00	36.66 -1.25 0.00	43.96 -1.54 0.00	47.61 -1.02 0.00	54.35 -1.73 0.00	43.32 -0.97 0.00	34.32 -1.19 0.00	26.93 -0.67 0.00
CHATEAUG_35_KV_LOAD 355732	-22.15 -0.36 27.85	-22.40 -0.22 26.13	-24.37 -1.23 46.82	-24.26 -1.18 45.34	-24.29 -1.19 45.92	16.98 -1.01 8.02	28.87 -1.28 4.21	56.82 -1.66 0.00	58.31 -1.48 0.00	20.34 -0.84 0.00	24.13 -1.16 0.00	24.16 -0.96 0.00	23.33 -0.99 0.00	23.95 -0.87 0.00	17.85 -0.54 0.00	22.15 -0.66 0.00	28.09 -0.76 0.00	37.47 -0.44 0.00	45.10 -0.39 0.00	48.55 -0.08 0.00	56.52 0.44 0.00	44.93 0.63 0.00	35.95 0.44 0.00	27.92 0.32 0.00
CHATEAUG_WT_PWR 323614	-21.01 -0.36 26.70	-21.43 -0.22 25.15	-21.05 -1.24 43.48	-21.04 -1.19 42.11	-21.02 -1.19 42.65	17.55 -1.01 7.45	29.17 -1.28 3.91	56.76 -1.71 0.00	58.28 -1.51 0.00	20.35 -0.83 0.00	24.18 -1.10 0.00	24.21 -0.91 0.00	23.38 -0.93 0.00	24.00 -0.82 0.00	17.89 -0.51 0.00	22.20 -0.61 0.00	28.15 -0.70 0.00	37.54 -0.37 0.00	45.18 -0.32 0.00	48.49 -0.14 0.00	56.38 0.31 0.00	44.81 0.51 0.00	35.84 0.33 0.00	27.87 0.27 0.00
CHAT_HIGH_FALL_HYD 323578	-22.15 -0.36 27.85	-22.40 -0.22 26.13	-24.37 -1.23 46.82	-24.26 -1.18 45.34	-24.29 -1.19 45.92	16.98 -1.01 8.02	28.87 -1.28 4.21	56.82 -1.66 0.00	58.31 -1.48 0.00	20.34 -0.84 0.00	24.13 -1.16 0.00	24.16 -0.96 0.00	23.33 -0.99 0.00	23.95 -0.87 0.00	17.85 -0.54 0.00	22.15 -0.66 0.00	28.09 -0.76 0.00	37.47 -0.44 0.00	45.10 -0.39 0.00	48.55 -0.08 0.00	56.52 0.44 0.00	44.93 0.63 0.00	35.95 0.44 0.00	27.92 0.32 0.00
CHAUTAUQUA___LFGE 323629	9.62 -0.19 -3.75	7.08 -0.17 -3.30	22.99 -0.67 0.00	21.74 -0.52 0.00	22.41 -0.41 0.00	25.61 -0.40 0.00	33.87 -0.49 0.00	56.97 -1.51 0.00	58.71 -1.08 0.00	21.29 0.11 0.00	26.12 0.83 0.00	25.71 0.60 0.00	24.95 0.64 0.00	25.14 0.32 0.00	18.57 0.17 0.00	22.73 -0.07 0.00	28.57 -0.28 0.00	37.23 -0.69 0.00	44.64 -0.85 0.00	48.40 -0.23 0.00	55.04 -1.03 0.00	43.96 -0.34 0.00	34.75 -0.76 0.00	27.15 -0.45 0.00
CHERRYST_13_KV_LD 356241	26.64 0.48 -20.10	21.95 0.30 -17.71	25.26 1.59 0.00	23.76 1.49 0.00	24.40 1.59 0.00	27.65 1.64 0.00	36.72 2.36 0.00	62.61 4.13 0.00	64.20 4.40 0.00	22.94 1.76 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.67 2.36 0.00	27.81 2.52 -0.46	28.76 1.85 -8.51	30.99 2.35 -5.84	40.66 3.13 -8.67	43.74 3.92 -1.90	49.78 4.28 0.00	52.80 4.17 0.00	60.57 4.50 0.00	47.51 3.22 0.00	38.17 2.66 0.00	29.56 1.96 0.00

CHESTROR_138KV_BK263 355645	25.09 0.33 -18.70	20.62 0.21 -16.47	24.73 1.07 0.00	23.27 1.00 0.00	23.89 1.08 0.00	27.10 1.09 0.00	35.90 1.55 0.00	61.12 2.65 0.00	62.56 2.76 0.00	22.25 1.07 0.00	26.58 1.30 0.00	26.46 1.34 0.00	25.75 1.44 0.00	26.37 1.56 0.00	19.56 1.17 0.00	24.30 1.49 0.00	30.88 2.04 0.00	40.49 2.58 0.00	48.39 2.89 0.00	51.49 2.86 0.00	59.17 3.09 0.00	46.49 2.19 0.00	37.30 1.79 0.00	28.92 1.31 0.00
CH_MIDHUDSON___DRP 24192	26.87 0.39 -20.42	22.18 0.25 -17.99	24.98 1.31 0.00	23.50 1.24 0.00	24.14 1.33 0.00	27.36 1.35 0.00	36.24 1.88 0.00	61.74 3.26 0.00	63.20 3.41 0.00	22.46 1.27 0.00	26.81 1.53 0.00	26.71 1.59 0.00	25.97 1.65 0.00	26.58 1.76 0.00	19.72 1.33 0.00	24.53 1.72 0.00	31.17 2.32 0.00	40.91 3.00 0.00	48.90 3.41 0.00	52.00 3.36 0.00	59.75 3.68 0.00	46.95 2.65 0.00	37.66 2.15 0.00	29.19 1.59 0.00
CH_MISC_IPPS 23765	26.56 0.42 -20.08	21.90 0.27 -17.69	25.07 1.41 0.00	23.58 1.32 0.00	24.23 1.41 0.00	27.46 1.46 0.00	36.40 2.04 0.00	61.99 3.51 0.00	63.45 3.65 0.00	22.54 1.36 0.00	26.91 1.63 0.00	26.80 1.69 0.00	26.07 1.76 0.00	26.70 1.88 0.00	19.82 1.42 0.00	24.64 1.83 0.00	31.34 2.49 0.00	41.13 3.22 0.00	49.17 3.67 0.00	52.29 3.66 0.00	60.07 3.99 0.00	47.19 2.89 0.00	37.83 2.32 0.00	29.30 1.70 0.00
CH_RES_BVR_FALLS 23983	-8.28 -0.22 14.11	-11.11 -0.12 14.93	23.02 -0.65 0.00	21.70 -0.56 0.00	22.28 -0.54 0.00	25.62 -0.39 0.00	33.95 -0.41 0.00	57.93 -0.55 0.00	59.25 -0.54 0.00	20.89 -0.29 0.00	24.96 -0.33 0.00	24.82 -0.30 0.00	23.97 -0.34 0.00	24.48 -0.34 0.00	18.12 -0.27 0.00	22.47 -0.34 0.00	28.44 -0.40 0.00	37.58 -0.34 0.00	45.03 -0.46 0.00	48.24 -0.39 0.00	55.75 -0.32 0.00	44.24 -0.06 0.00	35.41 -0.10 0.00	27.48 -0.12 0.00
CH_RES_NIAGARA 23895	8.89 -0.48 -3.32	6.50 -0.36 -2.92	21.74 -1.93 0.00	20.54 -1.73 0.00	21.15 -1.66 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.84 -5.63 0.00	54.55 -5.24 0.00	19.80 -1.38 0.00	24.52 -0.77 0.00	24.15 -0.97 0.00	23.20 -1.12 0.00	23.40 -1.41 0.00	17.20 -1.19 0.00	21.23 -1.57 0.00	26.41 -2.45 0.00	34.21 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.81 -5.26 0.00	40.78 -3.51 0.00	32.37 -3.15 0.00	25.42 -2.19 0.00
CH_RES_SYRACUSE 23985	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.23 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.38 -0.43 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.86 0.00	43.57 -0.73 0.00	34.88 -0.63 0.00	27.12 -0.48 0.00
CLINTON_WT_PWR 323605	-21.01 -0.36 26.70	-21.43 -0.22 25.15	-21.05 -1.24 43.48	-21.04 -1.19 42.11	-21.02 -1.19 42.65	17.55 -1.01 7.45	29.17 -1.28 3.91	56.76 -1.71 0.00	58.28 -1.51 0.00	20.35 -0.83 0.00	24.18 -1.10 0.00	24.21 -0.91 0.00	23.38 -0.93 0.00	24.00 -0.82 0.00	17.89 -0.51 0.00	22.20 -0.61 0.00	28.15 -0.70 0.00	37.54 -0.37 0.00	45.18 -0.32 0.00	48.49 -0.14 0.00	56.38 0.31 0.00	44.81 0.51 0.00	35.84 0.33 0.00	27.87 0.27 0.00
CLINTON___LFGE 323618	-21.25 -0.30 27.01	-21.66 -0.19 25.41	-21.77 -1.07 44.36	-21.74 -1.05 42.97	-21.70 -1.01 43.51	17.62 -0.79 7.60	29.41 -0.97 3.99	57.24 -1.24 0.00	58.67 -1.13 0.00	20.48 -0.70 0.00	24.32 -0.96 0.00	24.34 -0.78 0.00	23.51 -0.80 0.00	24.16 -0.66 0.00	17.99 -0.41 0.00	22.34 -0.47 0.00	28.33 -0.52 0.00	37.88 -0.04 0.00	45.67 0.18 0.00	49.03 0.40 0.00	57.15 1.08 0.00	45.36 1.06 0.00	36.22 0.71 0.00	28.18 0.58 0.00
COBBLENY_34_KV_TB1 80064	9.94 -0.17 -4.06	7.35 -0.17 -3.58	22.96 -0.70 0.00	21.71 -0.55 0.00	22.37 -0.45 0.00	25.47 -0.54 0.00	33.43 -0.93 0.00	56.29 -2.19 0.00	58.06 -1.73 0.00	21.02 -0.16 0.00	25.72 0.44 0.00	25.43 0.31 0.00	24.69 0.37 0.00	24.98 0.16 0.00	18.36 -0.04 0.00	22.47 -0.33 0.00	28.24 -0.61 0.00	36.67 -1.24 0.00	43.95 -1.54 0.00	47.61 -1.02 0.00	54.35 -1.73 0.00	43.32 -0.98 0.00	34.32 -1.19 0.00	26.93 -0.67 0.00
COFFEEN___115KV_TB3 355620	5.97 -0.33 -0.24	3.64 -0.22 0.09	24.10 -1.37 -1.81	22.77 -1.24 -1.75	23.75 -0.84 -1.78	26.00 -0.32 -0.31	34.52 -0.01 -0.16	58.57 0.09 0.00	58.88 -0.91 0.00	20.52 -0.67 0.00	24.25 -1.03 0.00	23.82 -1.30 0.00	22.91 -1.40 0.00	23.33 -1.49 0.00	17.21 -1.19 0.00	21.27 -1.54 0.00	27.05 -1.80 0.00	36.01 -1.90 0.00	43.94 -1.55 0.00	48.57 -0.06 0.00	56.98 0.91 0.00	44.99 0.70 0.00	35.90 0.39 0.00	27.73 0.13 0.00
COLDSPRG_115KV_BK1 355956	9.91 -0.10 -3.95	7.31 -0.12 -3.48	23.33 -0.33 0.00	22.07 -0.19 0.00	22.76 -0.06 0.00	26.00 -0.01 0.00	34.32 -0.04 0.00	57.85 -0.62 0.00	59.71 -0.08 0.00	21.64 0.46 0.00	26.51 1.23 0.00	26.14 1.02 0.00	25.35 1.04 0.00	25.59 0.77 0.00	18.85 0.45 0.00	23.08 0.27 0.00	28.97 0.12 0.00	37.70 -0.21 0.00	45.24 -0.25 0.00	49.05 0.41 0.00	55.87 -0.21 0.00	44.57 0.27 0.00	35.24 -0.27 0.00	27.57 -0.03 0.00
COLONIE_LFGE___ 323577	31.11 0.26 -24.80	25.95 0.17 -21.84	24.64 0.97 0.00	23.16 0.90 0.00	23.84 1.03 0.00	27.05 1.04 0.00	35.59 1.23 0.00	60.59 2.11 0.00	61.82 2.03 0.00	21.74 0.56 0.00	25.83 0.54 0.00	25.73 0.61 0.00	24.87 0.55 0.00	25.42 0.60 0.00	18.87 0.47 0.00	23.49 0.68 0.00	29.75 0.90 0.00	39.18 1.26 0.00	47.11 1.61 0.00	50.15 1.52 0.00	57.92 1.84 0.00	45.69 1.39 0.00	36.71 1.20 0.00	28.60 1.00 0.00
COOPERNY_115KV_TB1 80082	21.53 0.24 -15.24	17.51 0.15 -13.42	24.40 0.74 0.00	22.96 0.70 0.00	23.57 0.76 0.00	26.77 0.76 0.00	35.43 1.07 0.00	60.31 1.83 0.00	61.73 1.94 0.00	21.99 0.81 0.00	26.27 0.99 0.00	26.14 1.02 0.00	25.41 1.10 0.00	26.01 1.19 0.00	19.28 0.89 0.00	23.94 1.13 0.00	30.40 1.55 0.00	39.89 1.98 0.00	47.72 2.22 0.00	50.84 2.20 0.00	58.45 2.38 0.00	45.97 1.67 0.00	36.88 1.37 0.00	28.62 1.02 0.00
COPENHAGEN_WT_PWR 323753	5.97 -0.42 -0.34	3.68 -0.28 -0.01	23.65 -1.73 -1.71	22.36 -1.57 -1.66	23.40 -1.09 -1.68	25.77 -0.54 -0.29	34.22 -0.29 -0.15	58.16 -0.32 0.00	58.71 -1.09 0.00	20.53 -0.65 0.00	24.30 -0.98 0.00	23.87 -1.24 0.00	22.96 -1.35 0.00	23.37 -1.45 0.00	17.21 -1.19 0.00	21.27 -1.54 0.00	27.08 -1.77 0.00	36.06 -1.85 0.00	43.96 -1.54 0.00	48.29 -0.34 0.00	56.48 0.41 0.00	44.60 0.30 0.00	35.61 0.10 0.00	27.55 -0.05 0.00
CORNELL_____ 23752	10.80 0.05 -4.70	8.10 0.02 -4.14	23.71 0.04 0.00	22.31 0.04 0.00	22.88 0.07 0.00	26.08 0.07 0.00	34.53 0.17 0.00	58.71 0.24 0.00	60.09 0.30 0.00	21.35 0.17 0.00	25.48 0.20 0.00	25.15 0.03 0.00	24.28 -0.04 0.00	24.67 -0.15 0.00	18.27 -0.12 0.00	22.61 -0.20 0.00	28.59 -0.25 0.00	37.63 -0.27 0.00	45.48 -0.01 0.00	49.04 0.41 0.00	56.47 0.39 0.00	44.62 0.32 0.00	35.63 0.12 0.00	27.68 0.07 0.00

CORONA__69_KV_TB1 355595	26.61 0.45 -20.11	21.95 0.29 -17.71	25.09 1.42 0.00	23.55 1.29 0.00	24.24 1.43 0.00	27.51 1.50 0.00	36.51 2.15 0.00	62.01 3.53 0.00	63.58 3.78 0.00	22.68 1.50 0.00	33.87 1.87 -6.72	51.94 2.09 -24.72	73.85 2.21 -47.32	35.99 2.41 -8.75	34.18 1.84 -13.95	55.89 2.36 -30.72	90.36 3.29 -58.23	112.36 3.94 -70.51	97.83 4.32 -48.01	97.98 4.26 -45.09	98.71 4.72 -37.92	50.42 3.37 -2.75	37.93 2.42 0.00	29.41 1.81 0.00
CORTLAND__115KV_TB3 80093	9.88 0.04 -3.79	7.30 0.01 -3.34	23.69 0.02 0.00	22.29 0.02 0.00	22.87 0.05 0.00	26.04 0.03 0.00	34.47 0.10 0.00	58.64 0.16 0.00	59.99 0.19 0.00	21.33 0.15 0.00	25.44 0.15 0.00	25.14 0.03 0.00	24.33 0.01 0.00	24.76 -0.06 0.00	18.35 -0.05 0.00	22.70 -0.11 0.00	28.73 -0.12 0.00	37.76 -0.15 0.00	45.51 0.02 0.00	48.94 0.31 0.00	56.36 0.29 0.00	44.48 0.19 0.00	35.58 0.07 0.00	27.64 0.04 0.00
COXSACKIE__GT 23611	29.77 0.33 -23.38	24.75 0.21 -20.60	24.91 1.24 0.00	23.42 1.16 0.00	24.08 1.27 0.00	27.38 1.37 0.00	36.11 1.75 0.00	61.44 2.96 0.00	62.59 2.80 0.00	21.77 0.59 0.00	25.72 0.44 0.00	25.56 0.45 0.00	24.72 0.41 0.00	25.25 0.43 0.00	18.71 0.31 0.00	23.30 0.49 0.00	29.65 0.80 0.00	39.09 1.18 0.00	47.49 2.00 0.00	51.19 2.56 0.00	59.32 3.25 0.00	46.73 2.43 0.00	37.40 1.89 0.00	29.00 1.39 0.00
CPV_VALLEY__CC1 323721	23.80 0.29 -17.46	19.50 0.18 -15.38	24.55 0.88 0.00	23.09 0.83 0.00	23.71 0.89 0.00	26.91 0.90 0.00	35.62 1.26 0.00	60.64 2.16 0.00	62.08 2.29 0.00	22.09 0.91 0.00	26.40 1.12 0.00	26.28 1.16 0.00	25.56 1.25 0.00	26.18 1.36 0.00	19.42 1.02 0.00	24.12 1.31 0.00	30.64 1.80 0.00	40.14 2.23 0.00	47.96 2.46 0.00	51.04 2.40 0.00	58.66 2.58 0.00	46.10 1.80 0.00	36.99 1.48 0.00	28.70 1.10 0.00
CPV_VALLEY__CC2 323722	23.80 0.29 -17.46	19.50 0.18 -15.38	24.55 0.88 0.00	23.09 0.83 0.00	23.71 0.89 0.00	26.91 0.90 0.00	35.62 1.26 0.00	60.64 2.16 0.00	62.08 2.29 0.00	22.09 0.91 0.00	26.40 1.12 0.00	26.28 1.16 0.00	25.56 1.25 0.00	26.18 1.36 0.00	19.42 1.02 0.00	24.12 1.31 0.00	30.64 1.80 0.00	40.14 2.23 0.00	47.96 2.46 0.00	51.04 2.40 0.00	58.66 2.58 0.00	46.10 1.80 0.00	36.99 1.48 0.00	28.70 1.10 0.00
CRESCENT__HYD 24018	31.11 0.26 -24.80	25.95 0.17 -21.84	24.64 0.97 0.00	23.16 0.90 0.00	23.84 1.03 0.00	27.05 1.04 0.00	35.59 1.23 0.00	60.59 2.11 0.00	61.82 2.03 0.00	21.74 0.56 0.00	25.83 0.54 0.00	25.73 0.61 0.00	24.87 0.55 0.00	25.42 0.60 0.00	18.87 0.47 0.00	23.49 0.68 0.00	29.75 0.90 0.00	39.18 1.26 0.00	47.11 1.61 0.00	50.15 1.52 0.00	57.92 1.84 0.00	45.69 1.39 0.00	36.71 1.20 0.00	28.60 1.00 0.00
CRICKET__VALLEY_CC1 323756	27.52 0.35 -21.12	22.77 0.23 -18.60	24.86 1.19 0.00	23.40 1.13 0.00	24.05 1.23 0.00	27.21 1.20 0.00	35.97 1.61 0.00	61.27 2.79 0.00	62.74 2.94 0.00	22.25 1.07 0.00	26.52 1.24 0.00	26.43 1.32 0.00	25.69 1.38 0.00	26.27 1.45 0.00	19.51 1.12 0.00	24.27 1.46 0.00	30.79 1.95 0.00	40.43 2.52 0.00	48.39 2.90 0.00	51.43 2.80 0.00	59.12 3.05 0.00	46.49 2.19 0.00	37.31 1.80 0.00	28.95 1.35 0.00
CRICKET__VALLEY_CC2 323757	27.52 0.35 -21.12	22.77 0.23 -18.60	24.86 1.19 0.00	23.40 1.13 0.00	24.05 1.23 0.00	27.21 1.20 0.00	35.97 1.61 0.00	61.27 2.79 0.00	62.74 2.94 0.00	22.25 1.07 0.00	26.52 1.24 0.00	26.43 1.32 0.00	25.69 1.38 0.00	26.27 1.45 0.00	19.51 1.12 0.00	24.27 1.46 0.00	30.79 1.95 0.00	40.43 2.52 0.00	48.39 2.90 0.00	51.43 2.80 0.00	59.12 3.05 0.00	46.49 2.19 0.00	37.31 1.80 0.00	28.95 1.35 0.00
CRICKET__VALLEY_CC3 323758	27.52 0.35 -21.12	22.77 0.23 -18.60	24.86 1.19 0.00	23.40 1.13 0.00	24.05 1.23 0.00	27.21 1.20 0.00	35.97 1.61 0.00	61.27 2.79 0.00	62.74 2.94 0.00	22.25 1.07 0.00	26.52 1.24 0.00	26.43 1.32 0.00	25.69 1.38 0.00	26.27 1.45 0.00	19.51 1.12 0.00	24.27 1.46 0.00	30.79 1.95 0.00	40.43 2.52 0.00	48.39 2.90 0.00	51.43 2.80 0.00	59.12 3.05 0.00	46.49 2.19 0.00	37.31 1.80 0.00	28.95 1.35 0.00
CRUCIBLE_METL_DRP 24180	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.22 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.39 -0.42 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.85 0.00	43.57 -0.73 0.00	34.89 -0.62 0.00	27.12 -0.48 0.00
DAHOWA__HYDRO 323763	31.46 0.32 -25.08	26.25 0.21 -22.09	24.90 1.23 0.00	23.42 1.15 0.00	24.13 1.31 0.00	27.47 1.46 0.00	36.22 1.86 0.00	61.53 3.05 0.00	62.53 2.73 0.00	21.87 0.69 0.00	25.94 0.66 0.00	25.82 0.70 0.00	24.95 0.63 0.00	25.48 0.66 0.00	18.92 0.53 0.00	23.50 0.69 0.00	29.70 0.85 0.00	39.15 1.24 0.00	47.26 1.77 0.00	50.41 1.78 0.00	58.27 2.19 0.00	45.95 1.65 0.00	36.92 1.41 0.00	28.98 1.38 0.00
DANC__LFGE 323619	6.62 -0.30 -0.87	4.31 -0.21 -0.58	23.55 -1.29 -1.17	22.22 -1.17 -1.13	23.06 -0.90 -1.14	25.58 -0.63 -0.20	33.91 -0.56 -0.10	57.64 -0.84 0.00	58.46 -1.34 0.00	20.55 -0.64 0.00	24.36 -0.92 0.00	24.01 -1.11 0.00	23.15 -1.17 0.00	23.58 -1.24 0.00	17.41 -0.99 0.00	21.53 -1.28 0.00	27.31 -1.54 0.00	36.17 -1.74 0.00	43.90 -1.59 0.00	47.79 -0.84 0.00	55.61 -0.46 0.00	43.90 -0.40 0.00	35.10 -0.42 0.00	27.21 -0.39 0.00
DANSKAMMER__1 23586	26.56 0.42 -20.08	21.90 0.27 -17.69	25.07 1.41 0.00	23.58 1.32 0.00	24.23 1.41 0.00	27.46 1.46 0.00	36.40 2.04 0.00	61.99 3.51 0.00	63.45 3.65 0.00	22.54 1.36 0.00	26.91 1.63 0.00	26.80 1.69 0.00	26.07 1.76 0.00	26.70 1.88 0.00	19.82 1.42 0.00	24.64 1.83 0.00	31.34 2.49 0.00	41.13 3.22 0.00	49.17 3.67 0.00	52.29 3.66 0.00	60.07 3.99 0.00	47.19 2.89 0.00	37.83 2.32 0.00	29.30 1.70 0.00
DANSKAMMER__2 23589	26.56 0.42 -20.08	21.90 0.27 -17.69	25.07 1.41 0.00	23.58 1.32 0.00	24.23 1.41 0.00	27.46 1.46 0.00	36.40 2.04 0.00	61.99 3.51 0.00	63.45 3.65 0.00	22.54 1.36 0.00	26.91 1.63 0.00	26.80 1.69 0.00	26.07 1.76 0.00	26.70 1.88 0.00	19.82 1.42 0.00	24.64 1.83 0.00	31.34 2.49 0.00	41.13 3.22 0.00	49.17 3.67 0.00	52.29 3.66 0.00	60.07 3.99 0.00	47.19 2.89 0.00	37.83 2.32 0.00	29.30 1.70 0.00
DANSKAMMER__3 23590	26.56 0.42 -20.08	21.90 0.27 -17.69	25.07 1.41 0.00	23.58 1.32 0.00	24.23 1.41 0.00	27.46 1.46 0.00	36.40 2.04 0.00	61.99 3.51 0.00	63.45 3.65 0.00	22.54 1.36 0.00	26.91 1.63 0.00	26.80 1.69 0.00	26.07 1.76 0.00	26.70 1.88 0.00	19.82 1.42 0.00	24.64 1.83 0.00	31.34 2.49 0.00	41.13 3.22 0.00	49.17 3.67 0.00	52.29 3.66 0.00	60.07 3.99 0.00	47.19 2.89 0.00	37.83 2.32 0.00	29.30 1.70 0.00

DANSKAMMER___4 23591	26.56 0.42 -20.08	21.90 0.27 -17.69	25.07 1.41 0.00	23.58 1.32 0.00	24.23 1.41 0.00	27.46 1.46 0.00	36.40 2.04 0.00	61.99 3.51 0.00	63.45 3.65 0.00	22.54 1.36 0.00	26.91 1.63 0.00	26.80 1.69 0.00	26.07 1.76 0.00	26.70 1.88 0.00	19.82 1.42 0.00	24.64 1.83 0.00	31.34 2.49 0.00	41.13 3.22 0.00	49.17 3.67 0.00	52.29 3.66 0.00	60.07 3.99 0.00	47.19 2.89 0.00	37.83 2.32 0.00	29.30 1.70 0.00
DANSKAMMER___DIESEL 23592	26.56 0.42 -20.08	21.90 0.27 -17.69	25.07 1.41 0.00	23.58 1.32 0.00	24.22 1.41 0.00	27.47 1.46 0.00	36.40 2.04 0.00	61.99 3.51 0.00	63.44 3.65 0.00	22.54 1.36 0.00	26.91 1.63 0.00	26.81 1.69 0.00	26.07 1.76 0.00	26.70 1.88 0.00	19.81 1.42 0.00	24.64 1.83 0.00	31.34 2.49 0.00	41.13 3.22 0.00	49.17 3.67 0.00	52.29 3.66 0.00	60.07 3.99 0.00	47.18 2.88 0.00	37.83 2.32 0.00	29.30 1.70 0.00
DARBY___SOLAR 323810	31.40 0.30 -25.04	26.21 0.21 -22.06	24.85 1.18 0.00	23.37 1.10 0.00	24.07 1.25 0.00	27.38 1.37 0.00	36.10 1.74 0.00	61.32 2.84 0.00	62.35 2.55 0.00	21.83 0.65 0.00	25.89 0.60 0.00	25.77 0.65 0.00	24.90 0.59 0.00	25.44 0.63 0.00	18.89 0.50 0.00	23.47 0.66 0.00	29.69 0.84 0.00	39.14 1.22 0.00	47.23 1.73 0.00	50.37 1.73 0.00	58.20 2.12 0.00	45.90 1.60 0.00	36.88 1.37 0.00	28.90 1.30 0.00
DASHVILLE___HYD 23610	27.06 0.35 -20.66	22.37 0.23 -18.20	24.87 1.21 0.00	23.40 1.14 0.00	24.04 1.22 0.00	27.25 1.24 0.00	36.10 1.74 0.00	61.50 3.02 0.00	62.96 3.16 0.00	22.39 1.21 0.00	26.75 1.46 0.00	26.64 1.52 0.00	25.91 1.60 0.00	26.54 1.72 0.00	19.70 1.30 0.00	24.48 1.68 0.00	31.10 2.26 0.00	40.81 2.89 0.00	48.74 3.25 0.00	51.81 3.18 0.00	59.55 3.48 0.00	46.79 2.49 0.00	37.54 2.02 0.00	29.08 1.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.63 0.47 -20.11	21.94 0.28 -17.71	25.05 1.39 0.00	23.47 1.20 0.00	24.20 1.38 0.00	27.52 1.51 0.00	36.58 2.22 0.00	62.10 3.62 0.00	63.89 4.09 0.00	22.73 1.55 0.00	26.00 1.52 0.80	23.95 1.75 2.92	21.14 2.20 5.38	26.52 2.78 1.09	18.15 2.16 2.41	21.46 2.70 4.05	25.38 3.90 7.37	35.00 5.22 8.13	122.52 5.27 -71.75	145.33 4.67 -92.03	145.66 6.00 -83.58	253.85 4.81 -204.75	118.17 3.65 -79.01	30.29 2.69 0.00
DELAWARE___LFGE 323621	14.88 0.16 -8.66	11.67 0.10 -7.62	24.19 0.53 0.00	22.76 0.49 0.00	23.35 0.54 0.00	26.58 0.56 0.00	35.18 0.82 0.00	59.89 1.41 0.00	61.32 1.52 0.00	21.78 0.59 0.00	25.99 0.71 0.00	25.77 0.65 0.00	24.98 0.66 0.00	25.47 0.65 0.00	18.88 0.48 0.00	23.40 0.59 0.00	29.67 0.82 0.00	39.04 1.12 0.00	46.88 1.39 0.00	50.18 1.55 0.00	57.74 1.67 0.00	45.52 1.22 0.00	36.49 0.98 0.00	28.32 0.72 0.00
DERFIELD_115KV_TB7 355931	6.73 0.04 -0.63	4.64 0.02 -0.67	23.78 0.11 0.00	22.38 0.11 0.00	22.96 0.14 0.00	26.17 0.15 0.00	34.53 0.17 0.00	58.72 0.24 0.00	60.03 0.23 0.00	21.25 0.07 0.00	25.34 0.05 0.00	25.16 0.05 0.00	24.36 0.05 0.00	24.87 0.05 0.00	18.43 0.03 0.00	22.86 0.05 0.00	28.93 0.09 0.00	38.03 0.12 0.00	45.69 0.20 0.00	48.83 0.20 0.00	56.30 0.22 0.00	44.43 0.13 0.00	35.64 0.13 0.00	27.70 0.10 0.00
DOGLEVILLE___HYD 23807	6.69 0.00 -0.63	4.61 0.00 -0.67	23.57 -0.10 0.00	22.15 -0.11 0.00	22.79 -0.03 0.00	25.87 -0.14 0.00	34.17 -0.19 0.00	58.21 -0.26 0.00	59.31 -0.48 0.00	20.56 -0.62 0.00	24.17 -1.12 0.00	23.95 -1.17 0.00	23.15 -1.17 0.00	23.57 -1.25 0.00	17.47 -0.93 0.00	21.67 -1.14 0.00	27.70 -1.16 0.00	36.63 -1.28 0.00	44.91 -0.58 0.00	48.55 -0.09 0.00	56.18 0.11 0.00	44.09 -0.21 0.00	35.41 -0.10 0.00	27.59 -0.01 0.00
DUNKIRK___115KV_TB_200 55889	9.61 -0.19 -3.75	7.06 -0.18 -3.30	22.97 -0.70 0.00	21.72 -0.54 0.00	22.39 -0.43 0.00	25.57 -0.44 0.00	33.82 -0.54 0.00	56.89 -1.59 0.00	58.65 -1.14 0.00	21.25 0.07 0.00	26.07 0.79 0.00	25.66 0.55 0.00	24.93 0.61 0.00	25.12 0.30 0.00	18.56 0.16 0.00	22.72 -0.08 0.00	28.55 -0.30 0.00	37.18 -0.73 0.00	44.57 -0.92 0.00	48.32 -0.31 0.00	54.95 -1.13 0.00	43.88 -0.42 0.00	34.70 -0.81 0.00	27.12 -0.48 0.00
DUNKIRK___1 23563	9.61 -0.19 -3.75	7.06 -0.18 -3.30	22.97 -0.70 0.00	21.72 -0.54 0.00	22.39 -0.43 0.00	25.57 -0.44 0.00	33.82 -0.54 0.00	56.89 -1.59 0.00	58.65 -1.14 0.00	21.25 0.07 0.00	26.07 0.79 0.00	25.66 0.55 0.00	24.93 0.61 0.00	25.12 0.30 0.00	18.56 0.16 0.00	22.72 -0.08 0.00	28.55 -0.30 0.00	37.18 -0.73 0.00	44.57 -0.92 0.00	48.32 -0.31 0.00	54.95 -1.13 0.00	43.88 -0.42 0.00	34.70 -0.81 0.00	27.12 -0.48 0.00
DUNKIRK___2 23564	9.61 -0.19 -3.75	7.06 -0.18 -3.30	22.97 -0.70 0.00	21.72 -0.54 0.00	22.39 -0.43 0.00	25.57 -0.44 0.00	33.82 -0.54 0.00	56.89 -1.59 0.00	58.65 -1.14 0.00	21.25 0.07 0.00	26.07 0.79 0.00	25.66 0.55 0.00	24.93 0.61 0.00	25.12 0.30 0.00	18.56 0.16 0.00	22.72 -0.08 0.00	28.55 -0.30 0.00	37.18 -0.73 0.00	44.57 -0.92 0.00	48.32 -0.31 0.00	54.95 -1.13 0.00	43.88 -0.42 0.00	34.70 -0.81 0.00	27.12 -0.48 0.00
DUNKIRK___3 23565	9.58 -0.22 -3.74	7.04 -0.20 -3.30	22.83 -0.84 0.00	21.59 -0.67 0.00	22.24 -0.57 0.00	25.39 -0.62 0.00	33.53 -0.83 0.00	56.37 -2.11 0.00	58.12 -1.67 0.00	21.06 -0.12 0.00	25.84 0.56 0.00	25.45 0.33 0.00	24.69 0.38 0.00	24.90 0.09 0.00	18.38 -0.01 0.00	22.53 -0.28 0.00	28.29 -0.56 0.00	36.83 -1.09 0.00	44.16 -1.34 0.00	47.88 -0.75 0.00	54.46 -1.62 0.00	43.48 -0.81 0.00	34.41 -1.10 0.00	26.91 -0.69 0.00
DUNKIRK___4 23566	9.58 -0.22 -3.74	7.04 -0.20 -3.30	22.83 -0.84 0.00	21.59 -0.67 0.00	22.24 -0.57 0.00	25.39 -0.62 0.00	33.53 -0.83 0.00	56.37 -2.11 0.00	58.12 -1.67 0.00	21.06 -0.12 0.00	25.84 0.56 0.00	25.45 0.33 0.00	24.69 0.38 0.00	24.90 0.09 0.00	18.38 -0.01 0.00	22.53 -0.28 0.00	28.29 -0.56 0.00	36.83 -1.09 0.00	44.16 -1.34 0.00	47.88 -0.75 0.00	54.46 -1.62 0.00	43.48 -0.81 0.00	34.41 -1.10 0.00	26.91 -0.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.59 0.43 -20.11	21.93 0.27 -17.71	25.09 1.43 0.00	23.60 1.34 0.00	24.24 1.43 0.00	27.46 1.45 0.00	36.41 2.05 0.00	62.02 3.54 0.00	63.55 3.76 0.00	22.66 1.48 0.00	27.10 1.82 0.00	27.01 1.89 0.00	26.30 1.98 0.00	26.94 2.13 0.01	19.74 1.57 0.23	24.66 2.01 0.16	31.32 2.71 0.24	41.27 3.41 0.05	49.27 3.78 0.00	52.33 3.70 0.00	60.07 4.00 0.00	47.16 2.86 0.00	37.86 2.36 0.00	29.34 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.91 0.38 -19.48	21.33 0.23 -17.16	24.88 1.22 0.00	23.41 1.14 0.00	24.05 1.23 0.00	27.28 1.27 0.00	36.14 1.78 0.00	61.53 3.06 0.00	62.97 3.18 0.00	22.39 1.21 0.00	26.74 1.46 0.00	26.63 1.52 0.00	25.91 1.60 0.00	26.55 1.73 0.00	19.69 1.29 0.00	24.47 1.66 0.00	31.11 2.27 0.00	40.81 2.90 0.00	48.78 3.28 0.00	51.90 3.27 0.00	59.62 3.55 0.00	46.83 2.54 0.00	37.56 2.05 0.00	29.11 1.51 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	26.60 0.44 -20.11	21.93 0.28 -17.71	25.11 1.44 0.00	23.61 1.35 0.00	24.27 1.45 0.00	27.48 1.47 0.00	36.50 2.14 0.00	62.18 3.70 0.00	63.77 3.97 0.00	22.76 1.58 0.00	27.24 1.96 0.00	27.16 2.04 0.00	26.43 2.12 0.00	27.60 2.29 -0.49	29.10 1.61 -9.10	31.10 2.04 -6.25	40.88 2.75 -9.27	43.49 3.54 -2.04	49.37 3.87 0.00	52.33 3.70 0.00	60.10 4.03 0.00	47.18 2.88 0.00	37.93 2.42 0.00	29.35 1.75 0.00
E179THST_13_KV_LOAD 356214	26.62 0.46 -20.11	21.95 0.30 -17.71	25.20 1.53 0.00	23.69 1.43 0.00	24.34 1.52 0.00	27.58 1.57 0.00	36.65 2.29 0.00	62.45 3.97 0.00	64.03 4.23 0.00	22.85 1.67 0.00	27.36 2.07 0.00	27.28 2.16 0.00	26.55 2.23 0.00	27.71 2.40 -0.49	29.19 1.70 -9.10	31.21 2.15 -6.25	41.02 2.89 -9.27	43.68 3.73 -2.04	49.59 4.09 0.00	52.57 3.94 0.00	60.38 4.31 0.00	47.39 3.10 0.00	38.08 2.58 0.00	29.47 1.87 0.00
EAST HAMPTON___GT 23717	26.54 0.38 -20.11	21.87 0.21 -17.71	24.65 0.98 0.00	23.04 0.77 0.00	23.75 0.93 0.00	27.03 1.02 0.00	35.94 1.58 0.00	61.09 2.62 0.00	62.92 3.12 0.00	22.36 1.18 0.00	25.52 1.04 0.80	23.52 1.32 2.92	20.97 2.04 5.38	26.61 2.87 1.09	18.23 2.24 2.41	21.46 2.70 4.05	25.36 3.88 7.37	35.26 5.48 8.13	122.31 5.05 -71.76	144.55 3.88 -92.04	145.40 5.73 -83.59	254.04 4.97 -204.78	118.46 3.94 -79.02	30.43 2.83 0.00
EAST RIVER___6 23660	26.64 0.48 -20.10	21.95 0.30 -17.71	25.23 1.57 0.00	23.73 1.47 0.00	24.38 1.56 0.00	27.63 1.61 0.00	36.68 2.32 0.00	62.56 4.08 0.00	64.14 4.34 0.00	22.92 1.74 0.00	27.46 2.18 0.00	27.37 2.26 0.00	26.66 2.35 0.00	27.79 2.51 -0.46	28.76 1.85 -8.51	31.00 2.35 -5.84	40.66 3.14 -8.67	43.72 3.91 -1.90	49.77 4.27 0.00	52.78 4.15 0.00	60.57 4.50 0.00	47.50 3.20 0.00	38.15 2.64 0.00	29.55 1.95 0.00
EAST RIVER___7 23524	26.64 0.48 -20.10	21.95 0.30 -17.71	25.23 1.57 0.00	23.73 1.47 0.00	24.38 1.56 0.00	27.63 1.61 0.00	36.68 2.32 0.00	62.56 4.08 0.00	64.14 4.34 0.00	22.92 1.74 0.00	27.46 2.18 0.00	27.37 2.26 0.00	26.66 2.35 0.00	27.79 2.51 -0.46	28.76 1.85 -8.51	31.00 2.35 -5.84	40.66 3.14 -8.67	43.72 3.91 -1.90	49.77 4.27 0.00	52.78 4.15 0.00	60.57 4.50 0.00	47.50 3.20 0.00	38.15 2.64 0.00	29.55 1.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.53 0.42 -20.06	21.88 0.26 -17.67	25.02 1.36 0.00	23.54 1.27 0.00	24.18 1.36 0.00	27.40 1.39 0.00	36.33 1.98 0.00	61.90 3.42 0.00	63.43 3.64 0.00	22.60 1.42 0.00	27.03 1.75 0.00	26.93 1.81 0.00	26.22 1.91 0.00	26.89 2.05 -0.02	20.23 1.52 -0.32	24.97 1.94 -0.22	31.80 2.62 -0.33	41.28 3.30 -0.07	49.14 3.65 0.00	52.20 3.57 0.00	59.94 3.87 0.00	47.06 2.76 0.00	37.78 2.27 0.00	29.28 1.68 0.00
EAST_HAMPTON___DIESEL 23722	26.53 0.36 -20.11	21.86 0.20 -17.71	24.58 0.91 0.00	22.96 0.70 0.00	23.68 0.86 0.00	26.95 0.94 0.00	35.83 1.48 0.00	60.91 2.44 0.00	62.74 2.95 0.00	22.30 1.12 0.00	25.44 0.96 0.80	23.45 1.25 2.92	20.93 1.99 5.38	26.59 2.86 1.09	18.23 2.24 2.41	21.43 2.67 4.05	25.33 3.85 7.37	35.25 5.47 8.13	122.28 5.02 -71.76	144.44 3.77 -92.04	145.30 5.64 -83.59	254.02 4.95 -204.77	118.47 3.94 -79.02	30.41 2.81 0.00
EAST_POINT___SOLAR 323840	34.51 0.37 -28.09	28.91 0.22 -24.74	25.00 1.34 0.00	23.53 1.26 0.00	24.19 1.37 0.00	27.71 1.70 0.00	36.84 2.48 0.00	62.47 4.00 0.00	63.61 3.81 0.00	22.11 0.93 0.00	25.96 0.68 0.00	25.50 0.39 0.00	24.33 0.01 0.00	24.72 -0.10 0.00	18.31 -0.08 0.00	22.75 -0.06 0.00	29.09 0.24 0.00	38.43 0.51 0.00	47.25 1.75 0.00	52.14 3.51 0.00	60.54 4.46 0.00	47.80 3.50 0.00	38.16 2.65 0.00	29.52 1.92 0.00
EAST_PULASKI___ESR 323781	6.99 -0.18 -1.12	4.71 -0.13 -0.89	22.86 -0.81 0.00	21.52 -0.75 0.00	22.16 -0.66 0.00	25.37 -0.64 0.00	33.64 -0.72 0.00	57.29 -1.18 0.00	58.34 -1.46 0.00	20.62 -0.56 0.00	24.49 -0.79 0.00	24.20 -0.91 0.00	23.40 -0.92 0.00	23.85 -0.97 0.00	17.65 -0.74 0.00	21.84 -0.97 0.00	27.60 -1.25 0.00	36.36 -1.55 0.00	43.92 -1.58 0.00	47.40 -1.23 0.00	54.88 -1.19 0.00	43.31 -0.99 0.00	34.67 -0.84 0.00	26.94 -0.66 0.00
EAST_RIVER___1 323558	26.62 0.47 -20.10	21.94 0.29 -17.71	25.20 1.54 0.00	23.70 1.44 0.00	24.35 1.53 0.00	27.58 1.57 0.00	36.61 2.25 0.00	62.39 3.92 0.00	64.00 4.21 0.00	22.86 1.68 0.00	27.38 2.10 0.00	27.29 2.17 0.00	26.57 2.26 0.00	27.71 2.43 -0.46	28.70 1.79 -8.51	30.92 2.27 -5.84	40.56 3.04 -8.67	43.59 3.78 -1.90	49.61 4.12 0.00	52.64 4.00 0.00	60.40 4.33 0.00	47.38 3.08 0.00	38.07 2.56 0.00	29.49 1.89 0.00
EAST_RIVER___2 323559	26.64 0.48 -20.10	21.95 0.30 -17.71	25.23 1.57 0.00	23.73 1.47 0.00	24.38 1.56 0.00	27.63 1.61 0.00	36.68 2.32 0.00	62.56 4.08 0.00	64.14 4.34 0.00	22.92 1.74 0.00	27.46 2.18 0.00	27.37 2.26 0.00	26.66 2.35 0.00	27.79 2.51 -0.46	28.76 1.85 -8.51	31.00 2.35 -5.84	40.66 3.14 -8.67	43.72 3.91 -1.90	49.77 4.27 0.00	52.78 4.15 0.00	60.57 4.50 0.00	47.50 3.20 0.00	38.15 2.64 0.00	29.55 1.95 0.00
EAST___DELAWARE_HYD 23607	24.82 0.41 -18.35	20.39 0.28 -16.17	25.19 1.53 0.00	23.71 1.45 0.00	24.35 1.53 0.00	27.66 1.65 0.00	36.65 2.29 0.00	62.37 3.89 0.00	63.71 3.92 0.00	22.61 1.43 0.00	27.03 1.75 0.00	26.88 1.77 0.00	26.13 1.82 0.00	26.74 1.92 0.00	19.68 1.29 0.00	24.42 1.62 0.00	31.09 2.25 0.00	40.92 3.01 0.00	49.05 3.56 0.00	52.26 3.63 0.00	60.06 3.99 0.00	47.14 2.84 0.00	37.76 2.25 0.00	29.29 1.69 0.00
EIGHT_POINT___WT_PWR 323820	10.20 -0.40 -4.55	7.65 -0.30 -4.00	22.32 -1.35 0.00	21.19 -1.07 0.00	22.00 -0.82 0.00	24.88 -1.13 0.00	32.84 -1.52 0.00	55.74 -2.74 0.00	57.58 -2.21 0.00	20.65 -0.53 0.00	25.11 -0.17 0.00	24.79 -0.33 0.00	24.06 -0.25 0.00	24.29 -0.53 0.00	17.90 -0.49 0.00	22.10 -0.71 0.00	27.87 -0.98 0.00	36.58 -1.34 0.00	44.51 -0.99 0.00	48.58 -0.05 0.00	55.45 -0.62 0.00	44.08 -0.21 0.00	34.91 -0.60 0.00	27.22 -0.38 0.00
ELBRIDGE_115KV_TB2 80188	8.32 -0.06 -2.33	5.95 -0.05 -2.05	23.32 -0.34 0.00	21.95 -0.32 0.00	22.48 -0.33 0.00	25.55 -0.46 0.00	33.78 -0.58 0.00	57.46 -1.02 0.00	58.75 -1.04 0.00	20.88 -0.31 0.00	24.90 -0.38 0.00	24.66 -0.46 0.00	23.87 -0.45 0.00	24.31 -0.51 0.00	18.02 -0.38 0.00	22.30 -0.51 0.00	28.13 -0.72 0.00	36.91 -1.01 0.00	44.39 -1.10 0.00	47.60 -1.03 0.00	54.82 -1.26 0.00	43.28 -1.02 0.00	34.66 -0.85 0.00	26.95 -0.65 0.00
ELEC_TRO_TEK 24086	26.58 0.42 -20.11	21.93 0.27 -17.71	24.99 1.32 0.00	23.48 1.22 0.00	24.17 1.35 0.00	27.42 1.40 0.00	36.38 2.02 0.00	61.82 3.35 0.00	63.42 3.62 0.00	22.62 1.44 0.00	27.22 1.78 -0.15	27.60 2.01 -0.47	26.58 2.13 -0.13	27.32 2.33 -0.16	19.71 1.77 0.46	24.82 2.28 0.27	31.37 3.18 0.66	41.55 3.79 0.15	52.04 4.17 -2.38	52.70 4.07 0.00	60.57 4.49 0.00	47.48 3.18 0.00	37.79 2.28 0.00	29.33 1.73 0.00

ELLENBURG_WT_PWR 323604	-21.01 -0.36 26.70	-21.43 -0.22 25.15	-21.05 -1.24 43.48	-21.04 -1.19 42.11	-21.02 -1.19 42.65	17.55 -1.01 7.45	29.17 -1.28 3.91	56.76 -1.71 0.00	58.28 -1.51 0.00	20.35 -0.83 0.00	24.18 -1.10 0.00	24.21 -0.91 0.00	23.38 -0.93 0.00	24.00 -0.82 0.00	17.89 -0.51 0.00	22.20 -0.61 0.00	28.15 -0.70 0.00	37.54 -0.37 0.00	45.18 -0.32 0.00	48.49 -0.14 0.00	56.38 0.31 0.00	44.81 0.51 0.00	35.84 0.33 0.00	27.87 0.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	9.21 -0.35 -3.51	6.75 -0.28 -3.09	22.26 -1.40 0.00	21.03 -1.23 0.00	21.67 -1.15 0.00	24.73 -1.28 0.00	32.47 -1.89 0.00	54.43 -4.05 0.00	56.21 -3.59 0.00	20.36 -0.82 0.00	25.10 -0.18 0.00	24.73 -0.39 0.00	23.81 -0.50 0.00	24.03 -0.79 0.00	17.68 -0.72 0.00	21.78 -1.03 0.00	27.17 -1.68 0.00	35.29 -2.62 0.00	42.46 -3.04 0.00	46.12 -2.51 0.00	52.48 -3.60 0.00	42.03 -2.27 0.00	33.32 -2.19 0.00	26.11 -1.49 0.00
EMPIRE_CC_1 323656	29.99 0.25 -23.68	24.97 0.16 -20.86	24.59 0.93 0.00	23.13 0.86 0.00	23.78 0.96 0.00	26.95 0.94 0.00	35.43 1.08 0.00	60.35 1.87 0.00	61.68 1.89 0.00	21.77 0.59 0.00	25.89 0.61 0.00	25.82 0.71 0.00	24.98 0.66 0.00	25.54 0.72 0.00	18.95 0.56 0.00	23.59 0.79 0.00	29.91 1.06 0.00	39.29 1.38 0.00	47.15 1.66 0.00	50.13 1.50 0.00	57.87 1.80 0.00	45.64 1.34 0.00	36.68 1.17 0.00	28.52 0.92 0.00
EMPIRE_CC_2 323658	29.99 0.25 -23.68	24.97 0.16 -20.86	24.59 0.93 0.00	23.13 0.86 0.00	23.78 0.96 0.00	26.95 0.94 0.00	35.43 1.08 0.00	60.35 1.87 0.00	61.68 1.89 0.00	21.77 0.59 0.00	25.89 0.61 0.00	25.82 0.71 0.00	24.98 0.66 0.00	25.54 0.72 0.00	18.95 0.56 0.00	23.59 0.79 0.00	29.91 1.06 0.00	39.29 1.38 0.00	47.15 1.66 0.00	50.13 1.50 0.00	57.87 1.80 0.00	45.64 1.34 0.00	36.68 1.17 0.00	28.52 0.92 0.00
ENORWICH_115KV_TB1 80156	12.49 0.09 -6.34	9.57 0.05 -5.58	23.67 0.01 0.00	22.24 -0.02 0.00	22.87 0.05 0.00	26.36 0.35 0.00	35.11 0.75 0.00	61.70 3.22 0.00	63.35 3.55 0.00	22.54 1.36 0.00	26.30 1.01 0.00	25.83 0.71 0.00	24.93 0.62 0.00	25.21 0.39 0.00	18.67 0.27 0.00	23.04 0.23 0.00	29.58 0.73 0.00	39.80 1.88 0.00	48.99 3.50 0.00	54.43 5.80 0.00	63.21 7.14 0.00	49.57 5.27 0.00	39.48 3.97 0.00	30.48 2.87 0.00
ERIE_ST__34_KV_TB1-2 80199	9.37 -0.30 -3.62	6.89 -0.25 -3.19	22.46 -1.20 0.00	21.22 -1.04 0.00	21.86 -0.96 0.00	24.96 -1.05 0.00	32.80 -1.56 0.00	55.07 -3.41 0.00	56.83 -2.96 0.00	20.57 -0.61 0.00	25.31 0.03 0.00	24.95 -0.17 0.00	24.06 -0.25 0.00	24.28 -0.54 0.00	17.86 -0.53 0.00	21.99 -0.82 0.00	27.48 -1.37 0.00	35.73 -2.18 0.00	43.00 -2.49 0.00	46.71 -1.92 0.00	53.17 -2.91 0.00	42.53 -1.77 0.00	33.69 -1.82 0.00	26.39 -1.21 0.00
ERIE_WT_PWR 323693	9.31 -0.32 -3.58	6.83 -0.26 -3.15	22.38 -1.29 0.00	21.14 -1.13 0.00	21.78 -1.04 0.00	24.84 -1.17 0.00	32.62 -1.74 0.00	54.74 -3.73 0.00	56.48 -3.32 0.00	20.48 -0.70 0.00	25.21 -0.08 0.00	24.85 -0.27 0.00	23.91 -0.41 0.00	24.13 -0.69 0.00	17.76 -0.63 0.00	21.87 -0.93 0.00	27.29 -1.56 0.00	35.51 -2.40 0.00	42.73 -2.76 0.00	46.44 -2.20 0.00	52.87 -3.20 0.00	42.31 -1.99 0.00	33.51 -2.00 0.00	26.24 -1.36 0.00
ESPRGFLD_115KV_TB1 80157	5.55 0.22 0.73	3.43 0.13 0.64	24.46 0.79 0.00	23.02 0.75 0.00	23.63 0.81 0.00	27.04 1.03 0.00	35.93 1.57 0.00	61.13 2.65 0.00	62.59 2.79 0.00	22.17 0.99 0.00	26.47 1.19 0.00	26.16 1.04 0.00	25.26 0.95 0.00	25.71 0.89 0.00	19.03 0.63 0.00	23.53 0.73 0.00	29.85 1.00 0.00	39.48 1.57 0.00	47.62 2.12 0.00	51.55 2.92 0.00	59.46 3.39 0.00	47.01 2.71 0.00	37.56 2.05 0.00	29.05 1.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	10.77 0.04 -4.67	8.07 0.02 -4.11	23.69 0.02 0.00	22.29 0.02 0.00	22.87 0.05 0.00	26.06 0.05 0.00	34.51 0.14 0.00	58.67 0.19 0.00	60.04 0.24 0.00	21.34 0.15 0.00	25.46 0.18 0.00	25.14 0.02 0.00	24.28 -0.03 0.00	24.68 -0.14 0.00	18.28 -0.11 0.00	22.62 -0.19 0.00	28.61 -0.24 0.00	37.64 -0.27 0.00	45.45 -0.04 0.00	48.96 0.33 0.00	56.38 0.30 0.00	44.54 0.24 0.00	35.58 0.07 0.00	27.63 0.04 0.00
ETNA____115KV_TB2 80207	10.77 0.04 -4.67	8.07 0.02 -4.11	23.69 0.02 0.00	22.29 0.02 0.00	22.87 0.05 0.00	26.06 0.05 0.00	34.51 0.14 0.00	58.67 0.19 0.00	60.04 0.24 0.00	21.34 0.15 0.00	25.46 0.18 0.00	25.14 0.02 0.00	24.28 -0.03 0.00	24.68 -0.14 0.00	18.28 -0.11 0.00	22.62 -0.19 0.00	28.61 -0.24 0.00	37.64 -0.27 0.00	45.45 -0.04 0.00	48.96 0.33 0.00	56.38 0.30 0.00	44.54 0.24 0.00	35.58 0.07 0.00	27.63 0.04 0.00
EUCLID__115KV_TB2 356179	7.89 -0.06 -1.90	5.57 -0.05 -1.68	23.30 -0.36 0.00	21.92 -0.35 0.00	22.46 -0.36 0.00	25.53 -0.48 0.00	33.75 -0.61 0.00	57.47 -1.01 0.00	58.75 -1.04 0.00	20.87 -0.31 0.00	24.86 -0.42 0.00	24.62 -0.50 0.00	23.84 -0.47 0.00	24.31 -0.51 0.00	18.02 -0.37 0.00	22.30 -0.51 0.00	28.15 -0.70 0.00	36.94 -0.97 0.00	44.43 -1.06 0.00	47.58 -1.06 0.00	54.84 -1.24 0.00	43.25 -1.04 0.00	34.65 -0.86 0.00	26.93 -0.67 0.00
E_CANADA_CAP_HY 24051	35.77 0.30 -29.41	30.04 0.18 -25.90	24.81 1.14 0.00	23.35 1.08 0.00	23.98 1.17 0.00	27.50 1.49 0.00	36.53 2.17 0.00	61.86 3.38 0.00	63.16 3.37 0.00	22.13 0.95 0.00	26.25 0.97 0.00	25.94 0.82 0.00	24.96 0.65 0.00	25.40 0.58 0.00	18.80 0.40 0.00	23.28 0.47 0.00	29.55 0.70 0.00	39.11 1.20 0.00	47.42 1.93 0.00	51.68 3.05 0.00	59.83 3.75 0.00	47.37 3.07 0.00	37.87 2.35 0.00	29.29 1.69 0.00
E_CANADA_MHWK_HY 24050	6.69 0.00 -0.63	4.61 0.00 -0.67	23.57 -0.10 0.00	22.15 -0.11 0.00	22.79 -0.03 0.00	25.87 -0.14 0.00	34.17 -0.19 0.00	58.22 -0.26 0.00	59.31 -0.48 0.00	20.56 -0.62 0.00	24.17 -1.12 0.00	23.94 -1.17 0.00	23.15 -1.17 0.00	23.57 -1.25 0.00	17.47 -0.93 0.00	21.67 -1.14 0.00	27.70 -1.15 0.00	36.63 -1.29 0.00	44.91 -0.58 0.00	48.55 -0.09 0.00	56.18 0.11 0.00	44.09 -0.21 0.00	35.41 -0.10 0.00	27.59 -0.01 0.00
E_FISHKILL__LBMP 23776	26.94 0.36 -20.52	22.25 0.23 -18.07	24.88 1.22 0.00	23.40 1.14 0.00	24.04 1.23 0.00	27.24 1.23 0.00	36.08 1.71 0.00	61.46 2.98 0.00	62.94 3.15 0.00	22.39 1.21 0.00	26.75 1.46 0.00	26.65 1.53 0.00	25.92 1.61 0.00	26.54 1.72 0.00	19.68 1.29 0.00	24.47 1.66 0.00	31.08 2.24 0.00	40.74 2.83 0.00	48.66 3.17 0.00	51.72 3.08 0.00	59.42 3.34 0.00	46.69 2.39 0.00	37.48 1.97 0.00	29.07 1.47 0.00
FALCON__SEABRD_CC1 323796	-21.09 -0.30 26.85	-21.52 -0.19 25.28	-21.28 -1.05 43.90	-21.27 -1.02 42.52	-21.23 -1.00 43.05	17.73 -0.76 7.52	29.45 -0.97 3.95	57.20 -1.28 0.00	58.65 -1.15 0.00	20.51 -0.67 0.00	24.36 -0.92 0.00	24.39 -0.73 0.00	23.56 -0.75 0.00	24.19 -0.63 0.00	18.04 -0.36 0.00	22.40 -0.41 0.00	28.42 -0.43 0.00	37.97 0.06 0.00	45.75 0.25 0.00	49.01 0.38 0.00	57.11 1.04 0.00	45.31 1.01 0.00	36.21 0.71 0.00	28.20 0.60 0.00

FALCON___SEABRD_CC2 323797	-21.09 -0.30 26.85	-21.52 -0.19 25.28	-21.28 -1.05 43.90	-21.27 -1.02 42.52	-21.23 -1.00 43.05	17.73 -0.76 7.52	29.45 -0.97 3.95	57.20 -1.28 0.00	58.65 -1.15 0.00	20.51 -0.67 0.00	24.36 -0.92 0.00	24.39 -0.73 0.00	23.56 -0.75 0.00	24.19 -0.63 0.00	18.04 -0.36 0.00	22.40 -0.41 0.00	28.42 -0.43 0.00	37.97 0.06 0.00	45.75 0.25 0.00	49.01 0.38 0.00	57.11 1.04 0.00	45.31 1.01 0.00	36.21 0.71 0.00	28.20 0.60 0.00
FAR ROCKAWAY___4 23548	26.67 0.51 -20.11	21.99 0.33 -17.71	25.31 1.64 0.00	23.75 1.49 0.00	24.45 1.63 0.00	27.69 1.68 0.00	36.71 2.35 0.00	62.38 3.90 0.00	63.94 4.14 0.00	22.80 1.62 0.00	34.55 2.02 -7.24	54.05 2.25 -26.68	77.76 2.37 -51.08	36.85 2.58 -9.45	35.47 1.97 -15.11	58.53 2.53 -33.19	95.29 3.53 -62.90	118.28 4.25 -76.12	101.84 4.58 -51.77	101.83 4.53 -48.67	102.19 5.18 -40.93	50.98 3.71 -2.97	38.16 2.65 0.00	29.59 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.62 0.46 -20.10	21.94 0.29 -17.71	25.19 1.52 0.00	23.69 1.42 0.00	24.33 1.51 0.00	27.55 1.54 0.00	36.57 2.21 0.00	62.34 3.86 0.00	63.90 4.11 0.00	22.83 1.65 0.00	27.34 2.06 0.00	27.25 2.14 0.00	26.55 2.23 0.00	27.71 2.39 -0.49	29.24 1.75 -9.09	31.27 2.22 -6.24	41.09 2.98 -9.27	43.67 3.72 -2.03	49.55 4.06 0.00	52.58 3.95 0.00	60.34 4.27 0.00	47.34 3.04 0.00	38.04 2.53 0.00	29.47 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.62 0.47 -20.10	21.94 0.29 -17.71	25.19 1.52 0.00	23.69 1.43 0.00	24.33 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.36 3.88 0.00	63.93 4.14 0.00	22.84 1.66 0.00	27.35 2.07 0.00	27.26 2.14 0.00	26.55 2.24 0.00	27.71 2.39 -0.49	29.24 1.75 -9.09	31.27 2.23 -6.24	41.10 2.98 -9.27	43.68 3.73 -2.03	49.57 4.07 0.00	52.60 3.97 0.00	60.37 4.29 0.00	47.35 3.06 0.00	38.05 2.55 0.00	29.47 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.62 0.46 -20.10	21.94 0.29 -17.71	25.18 1.51 0.00	23.68 1.42 0.00	24.32 1.50 0.00	27.55 1.53 0.00	36.57 2.21 0.00	62.32 3.85 0.00	63.89 4.10 0.00	22.83 1.65 0.00	27.33 2.05 0.00	27.25 2.13 0.00	26.54 2.23 0.00	27.69 2.38 -0.49	29.23 1.74 -9.09	31.26 2.22 -6.24	41.09 2.97 -9.27	43.65 3.71 -2.03	49.54 4.05 0.00	52.56 3.93 0.00	60.32 4.25 0.00	47.32 3.02 0.00	38.03 2.52 0.00	29.45 1.85 0.00
FARRAGUT___LBMP 323566	26.61 0.46 -20.10	21.94 0.28 -17.71	25.16 1.50 0.00	23.67 1.40 0.00	24.31 1.49 0.00	27.53 1.52 0.00	36.54 2.18 0.00	62.27 3.79 0.00	63.83 4.04 0.00	22.81 1.63 0.00	27.31 2.03 0.00	27.23 2.11 0.00	26.52 2.20 0.00	27.67 2.35 -0.49	29.21 1.73 -9.09	31.24 2.19 -6.24	41.05 2.94 -9.27	43.62 3.67 -2.03	49.49 4.00 0.00	52.52 3.88 0.00	60.28 4.21 0.00	47.29 2.99 0.00	38.00 2.49 0.00	29.43 1.83 0.00
FENNER___WINDPWR 24204	8.65 0.04 -2.57	6.21 0.01 -2.26	23.67 0.01 0.00	22.28 0.01 0.00	22.94 0.12 0.00	26.22 0.21 0.00	34.70 0.34 0.00	59.07 0.59 0.00	60.33 0.54 0.00	21.41 0.23 0.00	25.47 0.19 0.00	25.17 0.05 0.00	24.31 -0.01 0.00	24.77 -0.05 0.00	18.34 -0.06 0.00	22.71 -0.10 0.00	28.79 -0.06 0.00	37.96 0.04 0.00	45.87 0.38 0.00	49.37 0.74 0.00	57.01 0.94 0.00	44.97 0.67 0.00	35.97 0.46 0.00	27.92 0.32 0.00
FIBERTEK___ENERGY 23856	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.22 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.39 -0.42 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.85 0.00	43.57 -0.73 0.00	34.89 -0.62 0.00	27.12 -0.48 0.00
FITZPATRICK____ 23598	7.18 -0.16 -1.29	4.97 -0.11 -1.13	22.98 -0.69 0.00	21.62 -0.64 0.00	22.13 -0.68 0.00	25.16 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.95 0.00	57.79 -2.00 0.00	20.52 -0.66 0.00	24.46 -0.82 0.00	24.27 -0.86 0.00	23.49 -0.82 0.00	23.95 -0.87 0.00	17.76 -0.63 0.00	21.98 -0.83 0.00	27.70 -1.14 0.00	36.34 -1.58 0.00	43.66 -1.84 0.00	46.72 -1.91 0.00	53.86 -2.21 0.00	42.51 -1.79 0.00	34.09 -1.42 0.00	26.52 -1.08 0.00
FLOWRFLD_69_KV_BK1 356044	26.67 0.50 -20.11	21.98 0.33 -17.71	25.28 1.62 0.00	23.72 1.45 0.00	24.43 1.61 0.00	27.75 1.74 0.00	36.84 2.48 0.00	62.54 4.06 0.00	64.28 4.48 0.00	22.90 1.72 0.00	26.39 1.89 0.79	24.37 2.12 2.87	21.31 2.28 5.29	26.32 2.57 1.07	18.00 1.98 2.38	21.39 2.58 3.99	25.30 3.71 7.26	34.49 4.58 8.00	148.88 5.04 -98.35	178.82 4.91 -125.28	175.21 5.48 -113.66	323.08 3.96 -274.82	144.34 2.83 -106.00	29.81 2.21 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.65 0.43 -20.17	21.98 0.27 -17.76	25.11 1.45 0.00	23.62 1.36 0.00	24.27 1.45 0.00	27.52 1.51 0.00	36.46 2.10 0.00	62.11 3.63 0.00	63.56 3.77 0.00	22.58 1.40 0.00	26.97 1.68 0.00	26.85 1.73 0.00	26.11 1.80 0.00	26.75 1.93 0.00	19.85 1.45 0.00	24.68 1.88 0.00	31.40 2.55 0.00	41.21 3.30 0.00	49.26 3.77 0.00	52.40 3.76 0.00	60.18 4.11 0.00	47.27 2.98 0.00	37.89 2.39 0.00	29.35 1.75 0.00
FORT ORANGE____ 23900	30.59 0.20 -24.33	25.50 0.13 -21.43	24.36 0.69 0.00	22.91 0.65 0.00	23.55 0.73 0.00	26.71 0.70 0.00	35.15 0.79 0.00	59.88 1.40 0.00	61.17 1.37 0.00	21.55 0.37 0.00	25.62 0.34 0.00	25.52 0.40 0.00	24.71 0.40 0.00	25.26 0.44 0.00	18.73 0.33 0.00	23.30 0.49 0.00	29.58 0.73 0.00	38.79 0.88 0.00	46.69 1.20 0.00	49.86 1.22 0.00	57.55 1.48 0.00	45.32 1.02 0.00	36.40 0.89 0.00	28.27 0.67 0.00
FORT_DRUM_COGEN 23780	5.82 -0.36 -0.13	3.50 -0.24 0.20	24.10 -1.49 -1.92	22.78 -1.36 -1.86	23.77 -0.94 -1.89	25.92 -0.42 -0.33	34.37 -0.16 -0.17	58.36 -0.11 0.00	58.86 -0.94 0.00	20.56 -0.63 0.00	24.30 -0.98 0.00	23.87 -1.25 0.00	22.95 -1.36 0.00	23.37 -1.44 0.00	17.23 -1.16 0.00	21.31 -1.50 0.00	27.11 -1.74 0.00	36.11 -1.80 0.00	44.04 -1.46 0.00	48.46 -0.18 0.00	56.71 0.64 0.00	44.80 0.50 0.00	35.76 0.25 0.00	27.64 0.04 0.00
FOX_HILLS___ESR 323835	26.63 0.47 -20.10	21.95 0.29 -17.71	25.36 1.69 0.00	23.85 1.59 0.00	24.50 1.68 0.00	27.74 1.73 0.00	36.72 2.36 0.00	62.37 3.90 0.00	63.97 4.17 0.00	22.91 1.73 0.00	27.41 2.13 0.00	27.31 2.19 0.00	26.61 2.30 0.00	27.88 2.46 -0.60	31.20 1.72 -11.09	32.61 2.19 -7.61	43.08 2.93 -11.30	44.16 3.76 -2.48	49.53 4.03 0.00	52.56 3.93 0.00	60.40 4.33 0.00	47.45 3.15 0.00	38.25 2.74 0.00	29.62 2.02 0.00
FPL FAR_ROCK_GT1 24212	26.67 0.51 -20.11	21.99 0.33 -17.71	25.31 1.64 0.00	23.75 1.49 0.00	24.45 1.63 0.00	27.69 1.68 0.00	36.71 2.35 0.00	62.38 3.90 0.00	63.97 4.17 0.00	22.80 1.63 0.00	34.55 2.02 -7.24	54.04 2.25 -26.68	77.76 2.37 -51.08	36.84 2.58 -9.45	35.48 1.98 -15.11	58.54 2.53 -33.19	95.28 3.53 -62.90	118.28 4.25 -76.12	101.84 4.57 -51.77	101.83 4.53 -48.67	102.18 5.18 -40.93	50.98 3.71 -2.97	38.17 2.66 0.00	29.58 1.98 0.00

FPL FAR_ROCK_GT2 23815	26.67 0.51 -20.11	21.99 0.33 -17.71	25.31 1.64 0.00	23.75 1.49 0.00	24.45 1.63 0.00	27.69 1.68 0.00	36.71 2.35 0.00	62.38 3.90 0.00	63.97 4.17 0.00	22.80 1.63 0.00	34.55 2.02 -7.24	54.04 2.25 -26.68	77.76 2.37 -51.08	36.84 2.58 -9.45	35.48 1.98 -15.11	58.54 2.53 -33.19	95.28 3.53 -62.90	118.28 4.25 -76.12	101.84 4.57 -51.77	101.83 4.53 -48.67	102.18 5.18 -40.93	50.98 3.71 -2.97	38.17 2.66 0.00	29.58 1.98 0.00
FRANKLIN_FALL_HYD 24054	9.14 -0.33 -3.42	5.18 -0.20 -1.44	53.16 -1.14 -30.63	50.83 -1.11 -29.67	51.78 -1.08 -30.05	30.38 -0.87 -5.25	36.13 -0.99 -2.75	57.34 -1.14 0.00	58.73 -1.07 0.00	20.54 -0.64 0.00	24.39 -0.90 0.00	24.29 -0.82 0.00	23.42 -0.90 0.00	24.04 -0.78 0.00	17.89 -0.51 0.00	22.15 -0.66 0.00	28.04 -0.81 0.00	37.46 -0.46 0.00	45.11 -0.38 0.00	48.65 0.03 0.00	56.63 0.55 0.00	45.13 0.83 0.00	36.01 0.50 0.00	27.90 0.30 0.00
FREEPORT_EQUS_GT1 23764	26.61 0.45 -20.11	21.95 0.29 -17.71	25.06 1.40 0.00	23.53 1.27 0.00	24.23 1.41 0.00	27.51 1.50 0.00	36.50 2.14 0.00	62.04 3.56 0.00	63.64 3.84 0.00	22.68 1.49 0.00	28.18 1.81 -1.09	31.03 2.02 -3.89	33.12 2.15 -6.66	28.57 2.37 -1.38	21.78 1.82 -1.57	29.20 2.36 -4.03	39.63 3.32 -7.46	51.47 3.99 -9.57	57.26 4.40 -7.36	59.19 4.35 -6.21	66.11 4.81 -5.22	48.10 3.42 -0.38	37.97 2.46 0.00	29.46 1.85 0.00
FREEPORT___CT2 23818	26.61 0.45 -20.11	21.95 0.29 -17.71	25.06 1.40 0.00	23.53 1.27 0.00	24.23 1.41 0.00	27.51 1.50 0.00	36.50 2.14 0.00	62.04 3.56 0.00	63.64 3.84 0.00	22.68 1.49 0.00	28.18 1.81 -1.09	31.03 2.02 -3.89	33.12 2.15 -6.66	28.57 2.37 -1.38	21.78 1.82 -1.57	29.20 2.36 -4.03	39.63 3.32 -7.46	51.47 3.99 -9.57	57.26 4.40 -7.36	59.19 4.35 -6.21	66.11 4.81 -5.22	48.10 3.42 -0.38	37.97 2.46 0.00	29.46 1.85 0.00
FRESHKLS_33_KV_LOAD 356253	26.62 0.46 -20.10	21.95 0.29 -17.71	25.40 1.74 0.00	23.89 1.63 0.00	24.54 1.73 0.00	27.79 1.78 0.00	36.72 2.36 0.00	62.25 3.77 0.00	63.87 4.07 0.00	22.89 1.71 0.00	27.37 2.08 0.00	27.26 2.14 0.00	26.56 2.25 0.00	27.83 2.41 -0.60	31.15 1.66 -11.09	32.55 2.13 -7.61	42.99 2.85 -11.30	44.07 3.68 -2.48	49.38 3.89 0.00	52.43 3.80 0.00	60.28 4.21 0.00	47.38 3.08 0.00	38.26 2.75 0.00	29.63 2.03 0.00
FULTON COGEN____ 23766	7.71 -0.10 -1.76	5.42 -0.08 -1.55	23.17 -0.50 0.00	21.80 -0.46 0.00	22.33 -0.49 0.00	25.38 -0.63 0.00	33.55 -0.81 0.00	57.15 -1.33 0.00	58.36 -1.43 0.00	20.73 -0.45 0.00	24.67 -0.61 0.00	24.42 -0.70 0.00	23.62 -0.70 0.00	24.08 -0.74 0.00	17.86 -0.54 0.00	22.12 -0.69 0.00	27.88 -0.97 0.00	36.58 -1.33 0.00	44.04 -1.46 0.00	47.22 -1.41 0.00	54.49 -1.59 0.00	42.96 -1.34 0.00	34.44 -1.07 0.00	26.78 -0.82 0.00
FULTON___LFGE 323630	34.19 0.34 -27.79	28.63 0.21 -24.48	24.92 1.25 0.00	23.44 1.17 0.00	24.09 1.28 0.00	27.55 1.54 0.00	36.56 2.20 0.00	62.06 3.58 0.00	63.21 3.42 0.00	21.89 0.71 0.00	25.69 0.41 0.00	25.38 0.26 0.00	24.43 0.11 0.00	24.90 0.08 0.00	18.44 0.04 0.00	22.88 0.08 0.00	29.11 0.26 0.00	38.57 0.66 0.00	47.26 1.76 0.00	51.73 3.09 0.00	59.97 3.89 0.00	47.38 3.08 0.00	37.87 2.36 0.00	29.32 1.72 0.00
G.F.CEMENT___DRP 24184	31.54 0.33 -25.16	26.33 0.23 -22.16	24.97 1.30 0.00	23.49 1.23 0.00	24.24 1.42 0.00	27.64 1.62 0.00	36.47 2.11 0.00	61.95 3.48 0.00	62.93 3.13 0.00	21.97 0.79 0.00	26.05 0.77 0.00	25.94 0.82 0.00	25.06 0.75 0.00	25.59 0.77 0.00	19.01 0.62 0.00	23.57 0.76 0.00	29.69 0.84 0.00	39.08 1.16 0.00	47.16 1.67 0.00	50.26 1.62 0.00	58.13 2.06 0.00	45.84 1.55 0.00	36.88 1.37 0.00	29.10 1.50 0.00
GARDENVILLE___LBMP 24039	9.29 -0.34 -3.57	6.82 -0.27 -3.14	22.33 -1.34 0.00	21.09 -1.18 0.00	21.73 -1.09 0.00	24.80 -1.21 0.00	32.57 -1.79 0.00	54.66 -3.82 0.00	56.40 -3.39 0.00	20.43 -0.75 0.00	25.16 -0.12 0.00	24.79 -0.32 0.00	23.89 -0.43 0.00	24.10 -0.72 0.00	17.73 -0.66 0.00	21.84 -0.96 0.00	27.27 -1.58 0.00	35.44 -2.47 0.00	42.65 -2.84 0.00	46.34 -2.29 0.00	52.73 -3.34 0.00	42.22 -2.08 0.00	33.46 -2.05 0.00	26.21 -1.39 0.00
GARDNVLA_35_KV_LD 355827	9.31 -0.32 -3.58	6.84 -0.26 -3.16	22.37 -1.29 0.00	21.13 -1.13 0.00	21.77 -1.05 0.00	24.85 -1.16 0.00	32.66 -1.70 0.00	54.82 -3.66 0.00	56.58 -3.22 0.00	20.49 -0.69 0.00	25.24 -0.05 0.00	24.86 -0.25 0.00	23.95 -0.36 0.00	24.17 -0.65 0.00	17.78 -0.61 0.00	21.91 -0.90 0.00	27.35 -1.50 0.00	35.55 -2.37 0.00	42.77 -2.73 0.00	46.48 -2.15 0.00	52.89 -3.18 0.00	42.35 -1.95 0.00	33.55 -1.97 0.00	26.27 -1.33 0.00
GELCKHM___115KV_LOAD 80723	8.02 -0.05 -2.02	5.68 -0.04 -1.78	23.35 -0.32 0.00	21.97 -0.30 0.00	22.51 -0.31 0.00	25.59 -0.42 0.00	33.83 -0.53 0.00	57.59 -0.89 0.00	58.82 -0.97 0.00	20.91 -0.27 0.00	24.91 -0.38 0.00	24.66 -0.46 0.00	23.87 -0.44 0.00	24.34 -0.48 0.00	18.04 -0.35 0.00	22.33 -0.48 0.00	28.18 -0.67 0.00	36.98 -0.93 0.00	44.51 -0.98 0.00	47.70 -0.93 0.00	54.99 -1.08 0.00	43.38 -0.92 0.00	34.74 -0.77 0.00	27.00 -0.60 0.00
GENERAL___MILLS 23808	9.31 -0.33 -3.58	6.83 -0.27 -3.15	22.35 -1.31 0.00	21.12 -1.15 0.00	21.75 -1.06 0.00	24.83 -1.18 0.00	32.62 -1.74 0.00	54.72 -3.76 0.00	56.51 -3.29 0.00	20.46 -0.72 0.00	25.20 -0.08 0.00	24.82 -0.29 0.00	23.91 -0.40 0.00	24.13 -0.68 0.00	17.75 -0.64 0.00	21.87 -0.94 0.00	27.30 -1.55 0.00	35.50 -2.42 0.00	42.70 -2.80 0.00	46.39 -2.24 0.00	52.81 -3.27 0.00	42.27 -2.03 0.00	33.50 -2.01 0.00	26.24 -1.36 0.00
GE_PLASTICS___DRP 24183	30.61 0.19 -24.36	25.52 0.12 -21.46	24.31 0.64 0.00	22.87 0.60 0.00	23.49 0.67 0.00	26.65 0.64 0.00	35.11 0.75 0.00	59.79 1.31 0.00	61.13 1.33 0.00	21.59 0.40 0.00	25.70 0.42 0.00	25.59 0.47 0.00	24.79 0.47 0.00	25.33 0.51 0.00	18.77 0.38 0.00	23.34 0.53 0.00	29.61 0.77 0.00	38.84 0.93 0.00	46.65 1.16 0.00	49.76 1.13 0.00	57.37 1.30 0.00	45.21 0.92 0.00	36.32 0.81 0.00	28.23 0.63 0.00
GILBOA___1 23756	25.66 0.19 -19.41	21.17 0.12 -17.10	24.31 0.65 0.00	22.87 0.61 0.00	23.50 0.68 0.00	26.67 0.66 0.00	35.22 0.87 0.00	59.96 1.49 0.00	61.35 1.56 0.00	21.77 0.59 0.00	25.97 0.69 0.00	25.85 0.73 0.00	25.07 0.75 0.00	25.62 0.80 0.00	19.00 0.61 0.00	23.60 0.79 0.00	29.92 1.07 0.00	39.26 1.35 0.00	46.95 1.45 0.00	49.93 1.30 0.00	57.48 1.41 0.00	45.34 1.04 0.00	36.48 0.97 0.00	28.36 0.76 0.00
GILBOA___2 23757	25.66 0.19 -19.41	21.17 0.12 -17.10	24.31 0.65 0.00	22.87 0.61 0.00	23.50 0.68 0.00	26.67 0.66 0.00	35.22 0.87 0.00	59.96 1.49 0.00	61.35 1.56 0.00	21.77 0.59 0.00	25.97 0.69 0.00	25.85 0.73 0.00	25.07 0.75 0.00	25.62 0.80 0.00	19.00 0.61 0.00	23.60 0.79 0.00	29.92 1.07 0.00	39.26 1.35 0.00	46.95 1.45 0.00	49.93 1.30 0.00	57.48 1.41 0.00	45.34 1.04 0.00	36.48 0.97 0.00	28.36 0.76 0.00

GILBOA___3 23758	25.66 0.19 -19.41	21.17 0.12 -17.10	24.31 0.65 0.00	22.87 0.61 0.00	23.50 0.68 0.00	26.67 0.66 0.00	35.22 0.87 0.00	59.96 1.49 0.00	61.35 1.56 0.00	21.77 0.59 0.00	25.97 0.69 0.00	25.85 0.73 0.00	25.07 0.75 0.00	25.62 0.80 0.00	19.00 0.61 0.00	23.60 0.79 0.00	29.92 1.07 0.00	39.26 1.35 0.00	46.95 1.45 0.00	49.93 1.30 0.00	57.48 1.41 0.00	45.34 1.04 0.00	36.48 0.97 0.00	28.36 0.76 0.00
GILBOA___4 23759	25.66 0.19 -19.41	21.17 0.12 -17.10	24.31 0.65 0.00	22.87 0.61 0.00	23.50 0.68 0.00	26.67 0.66 0.00	35.22 0.87 0.00	59.96 1.49 0.00	61.35 1.56 0.00	21.77 0.59 0.00	25.97 0.69 0.00	25.85 0.73 0.00	25.07 0.75 0.00	25.62 0.80 0.00	19.00 0.61 0.00	23.60 0.79 0.00	29.92 1.07 0.00	39.26 1.35 0.00	46.95 1.45 0.00	49.93 1.30 0.00	57.48 1.41 0.00	45.34 1.04 0.00	36.48 0.97 0.00	28.36 0.76 0.00
GILBOA___ 23599	25.66 0.19 -19.41	21.17 0.12 -17.10	24.32 0.65 0.00	22.87 0.61 0.00	23.50 0.68 0.00	26.67 0.66 0.00	35.22 0.86 0.00	59.96 1.49 0.00	61.36 1.56 0.00	21.77 0.59 0.00	25.98 0.69 0.00	25.84 0.73 0.00	25.07 0.75 0.00	25.62 0.80 0.00	19.00 0.60 0.00	23.60 0.79 0.00	29.92 1.07 0.00	39.26 1.35 0.00	46.95 1.45 0.00	49.93 1.30 0.00	57.49 1.41 0.00	45.34 1.04 0.00	36.48 0.97 0.00	28.36 0.76 0.00
GINNA___ 23603	8.22 -0.44 -2.60	5.91 -0.33 -2.29	21.84 -1.82 0.00	20.62 -1.65 0.00	21.23 -1.59 0.00	24.27 -1.74 0.00	31.94 -2.42 0.00	53.68 -4.80 0.00	55.07 -4.73 0.00	19.85 -1.33 0.00	24.24 -1.05 0.00	23.93 -1.19 0.00	22.98 -1.33 0.00	23.26 -1.55 0.00	17.10 -1.29 0.00	21.14 -1.67 0.00	26.48 -2.37 0.00	34.65 -3.26 0.00	41.88 -3.61 0.00	45.39 -3.24 0.00	51.84 -4.24 0.00	41.33 -2.97 0.00	32.80 -2.71 0.00	25.62 -1.99 0.00
GLEN PARK___ 23778	5.94 -0.34 -0.23	3.61 -0.23 0.10	24.06 -1.43 -1.82	22.73 -1.30 -1.77	23.71 -0.89 -1.79	25.95 -0.37 -0.31	34.45 -0.08 -0.16	58.45 -0.03 0.00	58.80 -0.99 0.00	20.50 -0.68 0.00	24.24 -1.05 0.00	23.80 -1.32 0.00	22.89 -1.43 0.00	23.31 -1.51 0.00	17.18 -1.21 0.00	21.25 -1.56 0.00	27.02 -1.83 0.00	35.99 -1.93 0.00	43.91 -1.58 0.00	48.48 -0.15 0.00	56.85 0.78 0.00	44.90 0.60 0.00	35.82 0.31 0.00	27.68 0.08 0.00
GLENDALE_27_KV_LOAD 356172	26.64 0.49 -20.11	21.96 0.31 -17.71	25.29 1.63 0.00	23.78 1.52 0.00	24.43 1.61 0.00	27.68 1.67 0.00	36.75 2.39 0.00	62.64 4.16 0.00	64.25 4.45 0.00	22.98 1.80 0.00	27.50 2.21 0.00	27.41 2.29 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.30 1.82 -11.09	32.72 2.30 -7.61	43.22 3.08 -11.30	44.29 3.90 -2.48	49.79 4.29 0.00	52.81 4.18 0.00	60.60 4.52 0.00	47.56 3.26 0.00	38.22 2.72 0.00	29.60 2.00 0.00
GLENWOOD_IC_1_G5 23712	26.62 0.46 -20.11	21.95 0.29 -17.71	25.13 1.47 0.00	23.62 1.36 0.00	24.29 1.48 0.00	27.56 1.54 0.00	36.56 2.20 0.00	62.21 3.73 0.00	63.82 4.02 0.00	22.75 1.57 0.00	27.77 1.94 -0.54	29.16 2.10 -1.94	29.73 2.21 -3.21	27.89 2.40 -0.68	20.63 1.81 -0.43	26.86 2.33 -1.72	35.27 3.21 -3.21	46.34 3.93 -4.51	53.49 4.34 -3.65	55.85 4.25 -2.97	63.03 4.46 -2.50	47.60 3.12 -0.18	37.99 2.47 0.00	29.44 1.84 0.00
GLENWOOD_IC_2_G1 23688	26.60 0.43 -20.11	21.93 0.28 -17.71	25.07 1.41 0.00	23.57 1.31 0.00	24.23 1.41 0.00	27.47 1.45 0.00	36.43 2.07 0.00	62.02 3.54 0.00	63.59 3.80 0.00	22.67 1.49 0.00	27.13 1.84 0.00	27.07 1.95 0.00	26.36 2.05 0.00	27.01 2.22 0.04	19.37 1.66 0.69	24.47 2.13 0.47	31.04 2.90 0.70	41.34 3.58 0.15	49.44 3.95 0.00	52.50 3.87 0.00	60.28 4.20 0.00	47.30 3.00 0.00	37.89 2.38 0.00	29.36 1.76 0.00
GLENWOOD_IC_3_G1 23689	26.60 0.43 -20.11	21.93 0.28 -17.71	25.07 1.41 0.00	23.57 1.31 0.00	24.23 1.41 0.00	27.47 1.45 0.00	36.43 2.07 0.00	62.02 3.54 0.00	63.59 3.80 0.00	22.67 1.49 0.00	27.13 1.84 0.00	27.07 1.95 0.00	26.36 2.05 0.00	27.01 2.22 0.04	19.37 1.66 0.69	24.47 2.13 0.47	31.04 2.90 0.70	41.34 3.58 0.15	49.44 3.95 0.00	52.50 3.87 0.00	60.28 4.20 0.00	47.30 3.00 0.00	37.89 2.38 0.00	29.36 1.76 0.00
GLENWOOD___4 23550	26.62 0.46 -20.11	21.95 0.29 -17.71	25.13 1.47 0.00	23.62 1.36 0.00	24.29 1.48 0.00	27.56 1.54 0.00	36.56 2.20 0.00	62.21 3.73 0.00	63.82 4.02 0.00	22.75 1.57 0.00	27.77 1.94 -0.54	29.16 2.10 -1.94	29.73 2.21 -3.21	27.89 2.40 -0.68	20.63 1.81 -0.43	26.86 2.33 -1.72	35.27 3.21 -3.21	46.34 3.93 -4.51	53.49 4.34 -3.65	55.86 4.26 -2.97	63.11 4.53 -2.50	47.65 3.17 -0.18	37.99 2.47 0.00	29.44 1.84 0.00
GLENWOOD___5 23614	26.62 0.46 -20.11	21.95 0.29 -17.71	25.13 1.47 0.00	23.62 1.36 0.00	24.29 1.48 0.00	27.56 1.54 0.00	36.56 2.20 0.00	62.21 3.73 0.00	63.82 4.02 0.00	22.75 1.57 0.00	27.77 1.94 -0.54	29.16 2.10 -1.94	29.73 2.21 -3.21	27.89 2.40 -0.68	20.63 1.81 -0.43	26.86 2.33 -1.72	35.27 3.21 -3.21	46.34 3.93 -4.51	53.49 4.34 -3.65	55.86 4.26 -2.97	63.11 4.53 -2.50	47.65 3.17 -0.18	37.99 2.47 0.00	29.44 1.84 0.00
GLOBAL GREEN_PORT_GT1 23814	26.60 0.44 -20.11	21.92 0.26 -17.71	24.91 1.25 0.00	23.32 1.05 0.00	24.05 1.23 0.00	27.35 1.34 0.00	36.36 2.00 0.00	61.79 3.32 0.00	63.61 3.81 0.00	22.62 1.44 0.00	25.84 1.35 0.80	23.82 1.62 2.92	21.11 2.18 5.38	26.61 2.88 1.09	18.23 2.24 2.41	21.51 2.75 4.05	25.44 3.96 7.37	35.21 5.43 8.13	122.18 4.91 -71.78	144.66 3.97 -92.05	145.71 6.03 -83.61	254.09 4.98 -204.81	118.40 3.85 -79.03	30.40 2.80 0.00
GLOBE___DSASP 323697	8.86 -0.50 -3.31	6.49 -0.37 -2.92	21.67 -2.00 0.00	20.48 -1.79 0.00	21.09 -1.73 0.00	24.08 -1.94 0.00	31.53 -2.83 0.00	52.67 -5.81 0.00	54.37 -5.43 0.00	19.74 -1.44 0.00	24.43 -0.85 0.00	24.07 -1.05 0.00	23.12 -1.19 0.00	23.33 -1.49 0.00	17.15 -1.25 0.00	21.17 -1.64 0.00	26.32 -2.53 0.00	34.10 -3.81 0.00	40.98 -4.51 0.00	44.56 -4.08 0.00	50.65 -5.43 0.00	40.65 -3.65 0.00	32.26 -3.25 0.00	25.34 -2.26 0.00
GOETHSLN___LBMP 323567	26.60 0.44 -20.10	21.93 0.28 -17.71	25.05 1.39 0.00	23.57 1.31 0.00	24.21 1.39 0.00	27.41 1.40 0.00	36.40 2.04 0.00	62.03 3.55 0.00	63.57 3.78 0.00	22.72 1.54 0.00	27.21 1.93 0.00	27.12 2.00 0.00	26.42 2.11 0.00	27.59 2.27 -0.49	29.17 1.67 -9.09	31.17 2.12 -6.24	40.97 2.86 -9.27	43.49 3.55 -2.03	49.36 3.87 0.00	52.37 3.74 0.00	60.09 4.01 0.00	47.11 2.81 0.00	37.87 2.37 0.00	29.33 1.73 0.00
GOLAH___69_KV_TB 1_2 80279	8.57 -0.19 -2.70	6.15 -0.17 -2.38	22.80 -0.86 0.00	21.52 -0.74 0.00	22.17 -0.64 0.00	25.36 -0.65 0.00	33.36 -1.00 0.00	56.02 -2.46 0.00	57.49 -2.31 0.00	20.69 -0.49 0.00	25.32 0.04 0.00	24.96 -0.15 0.00	24.01 -0.30 0.00	24.28 -0.54 0.00	17.83 -0.57 0.00	22.02 -0.80 0.00	27.52 -1.33 0.00	35.94 -1.97 0.00	43.43 -2.06 0.00	47.34 -1.30 0.00	54.05 -2.03 0.00	43.17 -1.13 0.00	34.23 -1.28 0.00	26.76 -0.84 0.00

GOODYEAR_LAKE_HYD 323669	12.19 0.18 -5.95	9.30 0.11 -5.24	24.27 0.61 0.00	22.84 0.58 0.00	23.44 0.62 0.00	26.72 0.70 0.00	35.43 1.07 0.00	60.37 1.89 0.00	61.83 2.04 0.00	21.98 0.80 0.00	26.24 0.96 0.00	25.97 0.85 0.00	25.15 0.84 0.00	25.62 0.80 0.00	18.98 0.59 0.00	23.50 0.70 0.00	29.81 0.96 0.00	39.32 1.41 0.00	47.32 1.83 0.00	50.83 2.20 0.00	58.50 2.43 0.00	46.14 1.85 0.00	36.93 1.42 0.00	28.63 1.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.67 0.03 -6.58	9.75 0.00 -5.80	23.66 0.00 0.00	22.28 0.02 0.00	22.86 0.05 0.00	26.00 -0.01 0.00	34.38 0.02 0.00	58.41 -0.07 0.00	59.87 0.07 0.00	21.33 0.15 0.00	25.58 0.30 0.00	25.33 0.21 0.00	24.59 0.28 0.00	25.00 0.18 0.00	18.53 0.13 0.00	22.90 0.09 0.00	28.97 0.12 0.00	38.01 0.10 0.00	45.63 0.13 0.00	49.01 0.38 0.00	56.22 0.14 0.00	44.45 0.16 0.00	35.52 0.01 0.00	27.63 0.03 0.00
GOUDEY___7 23579	12.67 0.03 -6.58	9.75 0.00 -5.80	23.66 0.00 0.00	22.28 0.02 0.00	22.86 0.05 0.00	26.00 -0.01 0.00	34.38 0.02 0.00	58.41 -0.07 0.00	59.87 0.07 0.00	21.33 0.15 0.00	25.58 0.30 0.00	25.33 0.21 0.00	24.59 0.28 0.00	25.00 0.18 0.00	18.53 0.13 0.00	22.90 0.09 0.00	28.97 0.12 0.00	38.01 0.10 0.00	45.63 0.13 0.00	49.01 0.38 0.00	56.22 0.14 0.00	44.45 0.16 0.00	35.52 0.01 0.00	27.63 0.03 0.00
GOUDEY___8 23580	12.67 0.03 -6.58	9.75 0.00 -5.80	23.66 0.00 0.00	22.28 0.02 0.00	22.86 0.05 0.00	26.00 -0.01 0.00	34.38 0.02 0.00	58.41 -0.07 0.00	59.87 0.07 0.00	21.33 0.15 0.00	25.58 0.30 0.00	25.33 0.21 0.00	24.59 0.28 0.00	25.00 0.18 0.00	18.53 0.13 0.00	22.90 0.09 0.00	28.97 0.12 0.00	38.01 0.10 0.00	45.63 0.13 0.00	49.01 0.38 0.00	56.22 0.14 0.00	44.45 0.16 0.00	35.52 0.01 0.00	27.63 0.03 0.00
GOWANUS_GT1_1 24077	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_2 24078	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_3 24079	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_4 24080	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_5 24084	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_6 24111	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_7 24112	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT1_8 24113	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_1 24114	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_2 24115	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_3 24116	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00

GOWANUS_GT2_4 24117	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_5 24118	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_6 24119	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_7 24120	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT2_8 24121	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_1 24122	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_2 24123	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_3 24124	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_4 24125	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_5 24126	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_6 24127	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_7 24128	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT3_8 24129	26.65 0.49 -20.11	21.96 0.31 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.67 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_1 24130	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_2 24131	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00

GOWANUS_GT4_3 24132	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_4 24133	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_5 24134	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_6 24135	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_7 24136	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -11.09	31.27 1.79 -7.61	32.69 2.27 -11.30	43.20 3.05 -2.48	44.29 3.90 0.00	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GOWANUS_GT4_8 24137	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GREENBSH_115KV_TB3 55895	30.66 0.18 -24.43	25.57 0.11 -21.52	24.26 0.60 0.00	22.82 0.55 0.00	23.45 0.63 0.00	26.59 0.58 0.00	34.97 0.61 0.00	59.59 1.11 0.00	60.94 1.14 0.00	21.51 0.33 0.00	25.60 0.31 0.00	25.51 0.39 0.00	24.69 0.38 0.00	25.24 0.43 0.00	18.72 0.33 0.00	23.29 0.48 0.00	29.56 0.71 0.00	38.76 0.84 0.00	46.55 1.06 0.00	49.57 0.94 0.00	57.19 1.12 0.00	45.06 0.77 0.00	36.21 0.70 0.00	28.14 0.54 0.00
GREENIDGE_115KV_TB5 80291	9.91 -0.13 -3.99	7.33 -0.12 -3.51	23.06 -0.60 0.00	21.77 -0.49 0.00	22.40 -0.42 0.00	25.55 -0.46 0.00	33.76 -0.59 0.00	56.74 -1.74 0.00	58.21 -1.58 0.00	20.90 -0.28 0.00	25.21 -0.08 0.00	24.85 -0.27 0.00	23.98 -0.34 0.00	24.30 -0.52 0.00	17.93 -0.46 0.00	22.17 -0.65 0.00	27.93 -0.92 0.00	36.61 -1.30 0.00	44.23 -1.26 0.00	47.81 -0.82 0.00	54.77 -1.30 0.00	43.84 -0.46 0.00	35.05 -0.45 0.00	27.28 -0.31 0.00
GREENIDGE___3 23582	9.91 -0.13 -3.99	7.33 -0.12 -3.51	23.06 -0.60 0.00	21.77 -0.49 0.00	22.40 -0.42 0.00	25.55 -0.46 0.00	33.76 -0.59 0.00	56.74 -1.74 0.00	58.21 -1.58 0.00	20.90 -0.28 0.00	25.21 -0.08 0.00	24.85 -0.27 0.00	23.98 -0.34 0.00	24.30 -0.52 0.00	17.93 -0.46 0.00	22.17 -0.65 0.00	27.93 -0.92 0.00	36.61 -1.30 0.00	44.23 -1.26 0.00	47.81 -0.82 0.00	54.77 -1.30 0.00	43.84 -0.46 0.00	35.05 -0.45 0.00	27.28 -0.31 0.00
GREENIDGE___4 23583	9.91 -0.13 -3.99	7.34 -0.12 -3.51	23.06 -0.60 0.00	21.78 -0.49 0.00	22.41 -0.41 0.00	25.55 -0.46 0.00	33.77 -0.59 0.00	56.72 -1.76 0.00	58.16 -1.64 0.00	20.90 -0.28 0.00	25.21 -0.08 0.00	24.85 -0.27 0.00	23.97 -0.34 0.00	24.28 -0.53 0.00	17.93 -0.46 0.00	22.16 -0.65 0.00	27.92 -0.93 0.00	36.61 -1.30 0.00	44.23 -1.26 0.00	47.81 -0.82 0.00	54.77 -1.30 0.00	43.84 -0.46 0.00	35.05 -0.46 0.00	27.28 -0.32 0.00
GREENLWN_69_KV_BK 3 55738	26.57 0.41 -20.11	21.93 0.27 -17.71	24.95 1.28 0.00	23.41 1.15 0.00	24.11 1.29 0.00	27.33 1.32 0.00	36.22 1.86 0.00	61.47 2.99 0.00	63.15 3.36 0.00	22.57 1.39 0.00	26.20 1.66 0.74	24.33 1.92 2.70	21.37 2.07 5.01	26.13 2.32 1.01	17.90 1.79 2.28	21.31 2.30 3.80	25.21 3.27 6.91	34.15 3.83 7.59	27.21 4.14 22.42	26.61 4.00 26.03	37.28 4.45 23.25	2.19 3.23 45.34	20.34 2.19 17.36	29.26 1.66 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
GRISSOM___SOLAR 323813	33.86 0.35 -27.46	28.34 0.21 -24.18	24.92 1.26 0.00	23.44 1.18 0.00	24.10 1.29 0.00	27.53 1.52 0.00	36.52 2.15 0.00	61.97 3.49 0.00	63.08 3.28 0.00	21.78 0.60 0.00	25.48 0.20 0.00	25.16 0.05 0.00	24.24 -0.08 0.00	24.72 -0.10 0.00	18.32 -0.08 0.00	22.74 -0.07 0.00	28.93 0.08 0.00	38.31 0.40 0.00	47.08 1.58 0.00	51.58 2.94 0.00	59.81 3.73 0.00	47.23 2.93 0.00	37.77 2.26 0.00	29.27 1.67 0.00
GROVEVILLE___HYD 323602	26.65 0.43 -20.17	21.98 0.27 -17.76	25.11 1.45 0.00	23.62 1.36 0.00	24.27 1.45 0.00	27.52 1.51 0.00	36.46 2.10 0.00	62.11 3.63 0.00	63.56 3.77 0.00	22.58 1.40 0.00	26.97 1.68 0.00	26.85 1.73 0.00	26.11 1.80 0.00	26.75 1.93 0.00	19.85 1.45 0.00	24.68 1.88 0.00	31.40 2.55 0.00	41.21 3.30 0.00	49.26 3.77 0.00	52.40 3.76 0.00	60.18 4.11 0.00	47.27 2.98 0.00	37.89 2.39 0.00	29.35 1.75 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.22 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.39 -0.42 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.85 0.00	43.57 -0.73 0.00	34.89 -0.62 0.00	27.12 -0.48 0.00

HAMLTNNY_34_KV_TB 80303	8.37 -0.04 -2.35	5.98 -0.04 -2.07	23.39 -0.27 0.00	22.01 -0.26 0.00	22.58 -0.24 0.00	25.69 -0.32 0.00	33.91 -0.45 0.00	57.63 -0.84 0.00	58.91 -0.88 0.00	20.95 -0.22 0.00	25.09 -0.19 0.00	24.82 -0.30 0.00	23.99 -0.32 0.00	24.42 -0.40 0.00	18.09 -0.31 0.00	22.41 -0.39 0.00	28.26 -0.59 0.00	37.02 -0.89 0.00	44.58 -0.92 0.00	47.91 -0.72 0.00	55.15 -0.93 0.00	43.56 -0.74 0.00	34.88 -0.63 0.00	27.09 -0.51 0.00
HAMPSHIRE___PAPER_HYD 323593	3.23 -0.42 2.41	0.69 -0.26 3.00	26.91 -1.56 -4.80	25.45 -1.46 -4.65	26.29 -1.24 -4.71	25.88 -0.95 -0.82	33.81 -0.98 -0.43	57.04 -1.44 0.00	57.98 -1.82 0.00	20.29 -0.89 0.00	24.04 -1.24 0.00	23.77 -1.35 0.00	22.89 -1.42 0.00	23.42 -1.40 0.00	17.34 -1.05 0.00	21.42 -1.39 0.00	27.14 -1.71 0.00	36.13 -1.78 0.00	43.61 -1.88 0.00	47.34 -1.30 0.00	55.14 -0.93 0.00	43.90 -0.40 0.00	35.04 -0.47 0.00	27.10 -0.50 0.00
HARDSCRABBLE_WT_PWR 323673	6.67 -0.02 -0.63	4.60 -0.02 -0.67	23.51 -0.15 0.00	22.11 -0.15 0.00	22.76 -0.06 0.00	25.88 -0.13 0.00	34.20 -0.16 0.00	58.29 -0.19 0.00	59.48 -0.32 0.00	20.72 -0.47 0.00	24.43 -0.85 0.00	24.23 -0.89 0.00	23.41 -0.91 0.00	23.82 -1.00 0.00	17.65 -0.75 0.00	21.87 -0.94 0.00	27.90 -0.95 0.00	36.87 -1.04 0.00	45.02 -0.47 0.00	48.55 -0.08 0.00	56.18 0.11 0.00	44.17 -0.13 0.00	35.48 -0.02 0.00	27.65 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.33 0.40 -18.88	20.82 0.25 -16.63	24.94 1.28 0.00	23.46 1.19 0.00	24.09 1.28 0.00	27.33 1.32 0.00	36.24 1.88 0.00	61.71 3.23 0.00	63.17 3.38 0.00	22.48 1.30 0.00	26.86 1.58 0.00	26.75 1.63 0.00	26.04 1.73 0.00	26.69 1.87 0.00	19.80 1.40 0.00	24.60 1.80 0.00	31.31 2.46 0.00	41.04 3.12 0.00	49.02 3.53 0.00	52.12 3.48 0.00	59.85 3.78 0.00	46.98 2.69 0.00	37.68 2.17 0.00	29.17 1.58 0.00
HARSNRAD_115KV_TB1 81005	8.90 -0.42 -3.26	6.51 -0.31 -2.87	22.01 -1.65 0.00	20.78 -1.48 0.00	21.42 -1.40 0.00	24.45 -1.56 0.00	32.07 -2.29 0.00	53.62 -4.86 0.00	55.30 -4.50 0.00	20.05 -1.13 0.00	24.78 -0.51 0.00	24.38 -0.74 0.00	23.43 -0.88 0.00	23.64 -1.18 0.00	17.38 -1.02 0.00	21.43 -1.38 0.00	26.67 -2.18 0.00	34.59 -3.32 0.00	41.68 -3.82 0.00	45.41 -3.22 0.00	51.65 -4.42 0.00	41.42 -2.88 0.00	32.85 -2.67 0.00	25.79 -1.82 0.00
HARZA MOOSE___RIVER 24016	6.30 -0.16 -0.40	4.03 -0.11 -0.19	24.37 -0.66 -1.37	23.00 -0.60 -1.33	23.83 -0.34 -1.34	26.25 0.00 -0.23	34.70 0.22 -0.12	59.02 0.54 0.00	60.09 0.29 0.00	21.20 0.01 0.00	25.09 -0.19 0.00	24.75 -0.37 0.00	23.86 -0.46 0.00	24.31 -0.51 0.00	17.97 -0.43 0.00	22.25 -0.57 0.00	28.30 -0.55 0.00	37.52 -0.39 0.00	45.51 0.02 0.00	49.24 0.61 0.00	57.13 1.05 0.00	45.12 0.82 0.00	36.06 0.55 0.00	27.94 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	8.02 -0.05 -2.02	5.68 -0.04 -1.78	23.36 -0.30 0.00	21.98 -0.29 0.00	22.52 -0.30 0.00	25.59 -0.42 0.00	33.84 -0.52 0.00	57.62 -0.86 0.00	58.89 -0.91 0.00	20.94 -0.24 0.00	24.96 -0.32 0.00	24.72 -0.41 0.00	23.93 -0.38 0.00	24.39 -0.43 0.00	18.09 -0.31 0.00	22.38 -0.43 0.00	28.25 -0.60 0.00	37.06 -0.85 0.00	44.57 -0.92 0.00	47.74 -0.89 0.00	55.00 -1.08 0.00	43.39 -0.91 0.00	34.75 -0.76 0.00	27.01 -0.59 0.00
HELLGATE_13_KV_LD 55870	26.65 0.49 -20.11	21.97 0.31 -17.71	25.32 1.66 0.00	23.81 1.54 0.00	24.46 1.64 0.00	27.71 1.69 0.00	36.79 2.43 0.00	62.74 4.26 0.00	64.31 4.52 0.00	23.01 1.82 0.00	27.53 2.25 0.00	27.46 2.34 0.00	26.73 2.41 0.00	28.00 2.58 -0.60	31.31 1.83 -11.09	32.73 2.31 -7.61	43.25 3.10 -11.30	44.33 3.94 -2.48	49.82 4.33 0.00	52.83 4.20 0.00	60.65 4.57 0.00	47.57 3.28 0.00	38.24 2.73 0.00	29.62 2.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.65 0.49 -20.11	21.97 0.31 -17.71	25.32 1.66 0.00	23.81 1.54 0.00	24.46 1.64 0.00	27.71 1.69 0.00	36.79 2.43 0.00	62.74 4.26 0.00	64.31 4.52 0.00	23.01 1.82 0.00	27.53 2.25 0.00	27.46 2.34 0.00	26.73 2.41 0.00	28.00 2.58 -0.60	31.31 1.83 -11.09	32.73 2.31 -7.61	43.25 3.10 -11.30	44.33 3.94 -2.48	49.82 4.33 0.00	52.83 4.20 0.00	60.65 4.57 0.00	47.57 3.28 0.00	38.24 2.73 0.00	29.62 2.02 0.00
HEMPSTEAD____ 23647	26.58 0.42 -20.11	21.92 0.27 -17.71	24.97 1.30 0.00	23.46 1.19 0.00	24.14 1.32 0.00	27.39 1.38 0.00	36.34 1.98 0.00	61.78 3.30 0.00	63.39 3.59 0.00	22.60 1.41 0.00	27.55 1.73 -0.54	28.93 1.94 -1.87	29.13 2.07 -2.75	27.76 2.28 -0.67	20.51 1.74 -0.37	26.53 2.25 -1.47	34.59 3.16 -2.58	45.41 3.77 -3.73	52.90 4.14 -3.26	55.15 4.04 -2.48	62.55 4.39 -2.08	47.53 3.09 -0.15	37.78 2.27 0.00	29.30 1.70 0.00
HEWLETT_69_KV_BK3 55828	26.63 0.47 -20.11	21.96 0.31 -17.71	25.17 1.51 0.00	23.62 1.36 0.00	24.31 1.49 0.00	27.58 1.56 0.00	36.58 2.22 0.00	62.14 3.66 0.00	63.70 3.91 0.00	22.72 1.55 0.00	34.45 1.92 -7.24	53.96 2.16 -26.68	77.67 2.28 -51.08	36.75 2.49 -9.45	35.40 1.90 -15.11	58.45 2.44 -33.19	95.16 3.40 -62.90	118.12 4.08 -76.12	101.70 4.43 -51.77	101.68 4.38 -48.67	101.92 4.92 -40.93	50.78 3.51 -2.97	38.01 2.50 0.00	29.47 1.88 0.00
HICKLING___1 23621	11.34 -0.07 -5.36	8.59 -0.08 -4.72	23.30 -0.37 0.00	21.99 -0.28 0.00	22.62 -0.19 0.00	25.70 -0.31 0.00	33.97 -0.38 0.00	57.60 -0.88 0.00	59.10 -0.70 0.00	21.11 -0.07 0.00	25.49 0.21 0.00	25.18 0.06 0.00	24.49 0.17 0.00	24.80 -0.02 0.00	18.38 -0.01 0.00	22.73 -0.08 0.00	28.74 -0.11 0.00	37.68 -0.23 0.00	45.36 -0.14 0.00	49.05 0.42 0.00	55.98 -0.10 0.00	44.39 0.09 0.00	35.29 -0.22 0.00	27.48 -0.12 0.00
HICKLING___2 23622	11.34 -0.07 -5.36	8.59 -0.08 -4.72	23.30 -0.37 0.00	21.99 -0.28 0.00	22.62 -0.19 0.00	25.70 -0.31 0.00	33.97 -0.38 0.00	57.60 -0.88 0.00	59.10 -0.70 0.00	21.11 -0.07 0.00	25.49 0.21 0.00	25.18 0.06 0.00	24.49 0.17 0.00	24.80 -0.02 0.00	18.38 -0.01 0.00	22.73 -0.08 0.00	28.74 -0.11 0.00	37.68 -0.23 0.00	45.36 -0.14 0.00	49.05 0.42 0.00	55.98 -0.10 0.00	44.39 0.09 0.00	35.29 -0.22 0.00	27.48 -0.12 0.00
HIGH FALLS___HY 23754	26.56 0.42 -20.08	21.91 0.27 -17.69	25.09 1.42 0.00	23.60 1.34 0.00	24.23 1.42 0.00	27.50 1.49 0.00	36.49 2.13 0.00	62.15 3.67 0.00	63.57 3.77 0.00	22.58 1.40 0.00	26.97 1.68 0.00	26.84 1.72 0.00	26.12 1.81 0.00	26.76 1.94 0.00	19.84 1.44 0.00	24.64 1.83 0.00	31.35 2.50 0.00	41.28 3.36 0.00	49.37 3.88 0.00	52.57 3.94 0.00	60.39 4.32 0.00	47.40 3.11 0.00	37.97 2.46 0.00	29.39 1.79 0.00
HIGH_RIVER___SOLAR 323847	32.95 0.29 -26.60	27.56 0.18 -23.43	24.73 1.07 0.00	23.27 1.01 0.00	23.91 1.09 0.00	27.27 1.25 0.00	36.09 1.73 0.00	61.24 2.76 0.00	62.30 2.50 0.00	21.50 0.32 0.00	25.36 0.08 0.00	25.15 0.03 0.00	24.32 0.00 0.00	24.81 -0.01 0.00	18.38 -0.02 0.00	22.81 0.01 0.00	29.02 0.17 0.00	38.53 0.62 0.00	46.95 1.45 0.00	50.97 2.34 0.00	59.02 2.95 0.00	46.60 2.31 0.00	37.32 1.81 0.00	28.96 1.36 0.00

HILLBURN___GT 23639	25.56 0.40 -19.10	21.01 0.25 -16.82	24.95 1.28 0.00	23.47 1.20 0.00	24.10 1.28 0.00	27.33 1.32 0.00	36.26 1.90 0.00	61.75 3.27 0.00	63.25 3.46 0.00	22.55 1.37 0.00	26.96 1.68 0.00	26.86 1.74 0.00	26.17 1.86 0.00	26.84 2.02 0.00	19.89 1.50 0.00	24.71 1.90 0.00	31.45 2.61 0.00	41.15 3.24 0.00	49.09 3.60 0.00	52.16 3.53 0.00	59.89 3.82 0.00	47.01 2.72 0.00	37.72 2.20 0.00	29.21 1.61 0.00
HILLSIDE_115KV_TB1 80332	11.50 -0.08 -5.53	8.73 -0.08 -4.87	23.22 -0.45 0.00	21.90 -0.37 0.00	22.50 -0.32 0.00	25.57 -0.44 0.00	33.81 -0.55 0.00	57.33 -1.15 0.00	58.76 -1.03 0.00	21.01 -0.17 0.00	25.32 0.04 0.00	25.03 -0.09 0.00	24.38 0.06 0.00	24.71 -0.11 0.00	18.34 -0.06 0.00	22.68 -0.13 0.00	28.70 -0.15 0.00	37.60 -0.32 0.00	45.06 -0.43 0.00	48.59 -0.04 0.00	55.46 -0.61 0.00	43.96 -0.34 0.00	35.00 -0.51 0.00	27.27 -0.33 0.00
HISHELDN_WT_PWR 323625	9.55 -0.37 -3.87	7.07 -0.28 -3.41	22.29 -1.38 0.00	21.06 -1.20 0.00	21.72 -1.10 0.00	24.72 -1.30 0.00	32.52 -1.84 0.00	54.69 -3.79 0.00	56.38 -3.42 0.00	20.32 -0.86 0.00	24.94 -0.34 0.00	24.60 -0.52 0.00	23.74 -0.58 0.00	23.94 -0.88 0.00	17.64 -0.76 0.00	21.75 -1.06 0.00	27.22 -1.63 0.00	35.46 -2.45 0.00	42.84 -2.66 0.00	46.64 -1.99 0.00	53.15 -2.92 0.00	42.46 -1.84 0.00	33.65 -1.86 0.00	26.34 -1.26 0.00
HOLTSVILLE_IC_1 23690	26.64 0.47 -20.11	21.96 0.30 -17.71	25.16 1.50 0.00	23.62 1.35 0.00	24.31 1.50 0.00	27.62 1.60 0.00	36.66 2.30 0.00	62.23 3.75 0.00	63.92 4.13 0.00	22.79 1.61 0.00	26.26 1.78 0.81	24.19 2.01 2.94	21.07 2.18 5.42	26.19 2.46 1.09	17.89 1.91 2.42	21.21 2.47 4.08	24.97 3.54 7.42	34.04 4.32 8.19	119.87 4.68 -69.69	142.67 4.58 -89.46	142.46 5.12 -81.26	247.41 3.69 -199.41	115.12 2.66 -76.95	29.66 2.06 0.00
HOLTSVILLE_IC_10 23699	26.67 0.50 -20.11	21.98 0.32 -17.71	25.27 1.61 0.00	23.71 1.45 0.00	24.42 1.61 0.00	27.75 1.73 0.00	36.85 2.49 0.00	62.56 4.08 0.00	64.29 4.49 0.00	22.91 1.73 0.00	26.38 1.88 0.78	24.37 2.10 2.85	21.33 2.27 5.26	26.32 2.56 1.06	18.02 1.99 2.36	21.42 2.58 3.97	25.33 3.70 7.22	34.50 4.54 7.95	126.79 4.99 -76.30	151.21 4.91 -97.67	150.27 5.51 -88.68	264.73 4.00 -216.43	121.89 2.87 -83.51	29.82 2.22 0.00
HOLTSVILLE_IC_2 23691	26.64 0.47 -20.11	21.96 0.30 -17.71	25.16 1.50 0.00	23.62 1.35 0.00	24.31 1.50 0.00	27.62 1.60 0.00	36.66 2.30 0.00	62.23 3.75 0.00	63.92 4.13 0.00	22.79 1.61 0.00	26.26 1.78 0.81	24.19 2.01 2.94	21.07 2.18 5.42	26.19 2.46 1.09	17.89 1.91 2.42	21.21 2.47 4.08	24.97 3.54 7.42	34.04 4.32 8.19	119.87 4.68 -69.69	142.67 4.58 -89.46	142.46 5.12 -81.26	247.41 3.69 -199.41	115.12 2.66 -76.95	29.66 2.06 0.00
HOLTSVILLE_IC_3 23692	26.64 0.47 -20.11	21.96 0.30 -17.71	25.16 1.50 0.00	23.62 1.35 0.00	24.31 1.50 0.00	27.62 1.60 0.00	36.66 2.30 0.00	62.23 3.75 0.00	63.92 4.13 0.00	22.79 1.61 0.00	26.26 1.78 0.81	24.19 2.01 2.94	21.07 2.18 5.42	26.19 2.46 1.09	17.89 1.91 2.42	21.21 2.47 4.08	24.97 3.54 7.42	34.04 4.32 8.19	119.87 4.68 -69.69	142.67 4.58 -89.46	142.46 5.12 -81.26	247.41 3.69 -199.41	115.12 2.66 -76.95	29.66 2.06 0.00
HOLTSVILLE_IC_4 23693	26.64 0.47 -20.11	21.96 0.30 -17.71	25.16 1.50 0.00	23.62 1.35 0.00	24.31 1.50 0.00	27.62 1.60 0.00	36.66 2.30 0.00	62.23 3.75 0.00	63.92 4.13 0.00	22.79 1.61 0.00	26.26 1.78 0.81	24.19 2.01 2.94	21.07 2.18 5.42	26.19 2.46 1.09	17.89 1.91 2.42	21.21 2.47 4.08	24.97 3.54 7.42	34.04 4.32 8.19	119.87 4.68 -69.69	142.67 4.58 -89.46	142.46 5.12 -81.26	247.41 3.69 -199.41	115.12 2.66 -76.95	29.66 2.06 0.00
HOLTSVILLE_IC_5 23694	26.64 0.47 -20.11	21.96 0.30 -17.71	25.16 1.50 0.00	23.62 1.35 0.00	24.31 1.50 0.00	27.62 1.60 0.00	36.66 2.30 0.00	62.23 3.75 0.00	63.92 4.13 0.00	22.79 1.61 0.00	26.26 1.78 0.81	24.19 2.01 2.94	21.07 2.18 5.42	26.19 2.46 1.09	17.89 1.91 2.42	21.21 2.47 4.08	24.97 3.54 7.42	34.04 4.32 8.19	119.87 4.68 -69.69	142.67 4.58 -89.46	142.46 5.12 -81.26	247.41 3.69 -199.41	115.12 2.66 -76.95	29.66 2.06 0.00
HOLTSVILLE_IC_6 23695	26.67 0.50 -20.11	21.98 0.32 -17.71	25.27 1.61 0.00	23.71 1.45 0.00	24.42 1.61 0.00	27.75 1.73 0.00	36.85 2.49 0.00	62.56 4.08 0.00	64.29 4.49 0.00	22.91 1.73 0.00	26.38 1.88 0.78	24.37 2.10 2.85	21.33 2.27 5.26	26.32 2.56 1.06	18.02 1.99 2.36	21.42 2.58 3.97	25.33 3.70 7.22	34.50 4.54 7.95	126.79 4.99 -76.30	151.21 4.91 -97.67	150.27 5.51 -88.68	264.73 4.00 -216.43	121.89 2.87 -83.51	29.82 2.22 0.00
HOLTSVILLE_IC_7 23696	26.67 0.50 -20.11	21.98 0.32 -17.71	25.27 1.61 0.00	23.71 1.45 0.00	24.42 1.61 0.00	27.75 1.73 0.00	36.85 2.49 0.00	62.56 4.08 0.00	64.29 4.49 0.00	22.91 1.73 0.00	26.38 1.88 0.78	24.37 2.10 2.85	21.33 2.27 5.26	26.32 2.56 1.06	18.02 1.99 2.36	21.42 2.58 3.97	25.33 3.70 7.22	34.50 4.54 7.95	126.79 4.99 -76.30	151.21 4.91 -97.67	150.27 5.51 -88.68	264.73 4.00 -216.43	121.89 2.87 -83.51	29.82 2.22 0.00
HOLTSVILLE_IC_8 23697	26.67 0.50 -20.11	21.98 0.32 -17.71	25.27 1.61 0.00	23.71 1.45 0.00	24.42 1.61 0.00	27.75 1.73 0.00	36.85 2.49 0.00	62.56 4.08 0.00	64.29 4.49 0.00	22.91 1.73 0.00	26.38 1.88 0.78	24.37 2.10 2.85	21.33 2.27 5.26	26.32 2.56 1.06	18.02 1.99 2.36	21.42 2.58 3.97	25.33 3.70 7.22	34.50 4.54 7.95	126.79 4.99 -76.30	151.21 4.91 -97.67	150.27 5.51 -88.68	264.73 4.00 -216.43	121.89 2.87 -83.51	29.82 2.22 0.00
HOLTSVILLE_IC_9 23698	26.67 0.50 -20.11	21.98 0.32 -17.71	25.27 1.61 0.00	23.71 1.45 0.00	24.42 1.61 0.00	27.75 1.73 0.00	36.85 2.49 0.00	62.56 4.08 0.00	64.29 4.49 0.00	22.91 1.73 0.00	26.38 1.88 0.78	24.37 2.10 2.85	21.33 2.27 5.26	26.32 2.56 1.06	18.02 1.99 2.36	21.42 2.58 3.97	25.33 3.70 7.22	34.50 4.54 7.95	126.79 4.99 -76.30	151.21 4.91 -97.67	150.27 5.51 -88.68	264.73 4.00 -216.43	121.89 2.87 -83.51	29.82 2.22 0.00
HOMER_HL_115KV_TB2 355744	9.96 -0.16 -4.06	7.36 -0.16 -3.58	23.05 -0.62 0.00	21.80 -0.47 0.00	22.45 -0.36 0.00	25.54 -0.47 0.00	33.51 -0.85 0.00	56.41 -2.07 0.00	58.18 -1.61 0.00	21.07 -0.11 0.00	25.78 0.50 0.00	25.52 0.40 0.00	24.78 0.47 0.00	25.07 0.25 0.00	18.42 0.02 0.00	22.58 -0.22 0.00	28.37 -0.47 0.00	36.84 -1.08 0.00	44.19 -1.30 0.00	47.83 -0.81 0.00	54.53 -1.55 0.00	43.46 -0.83 0.00	34.46 -1.05 0.00	27.05 -0.55 0.00
HOWARD_WT_PWR 323690	10.26 -0.39 -4.60	7.70 -0.30 -4.05	22.34 -1.33 0.00	21.22 -1.04 0.00	22.03 -0.79 0.00	24.91 -1.11 0.00	32.86 -1.50 0.00	55.78 -2.70 0.00	57.65 -2.15 0.00	20.68 -0.50 0.00	25.16 -0.13 0.00	24.83 -0.28 0.00	24.10 -0.22 0.00	24.33 -0.48 0.00	17.93 -0.46 0.00	22.13 -0.68 0.00	27.91 -0.94 0.00	36.62 -1.29 0.00	44.56 -0.93 0.00	48.64 0.01 0.00	55.51 -0.56 0.00	44.13 -0.17 0.00	34.93 -0.58 0.00	27.25 -0.35 0.00

HQ_GEN_CEDARS 23644	-2.13 -0.17 8.02	-4.79 -0.09 8.64	25.47 -0.43 -2.24	23.99 -0.44 -2.17	24.60 -0.41 -2.19	26.14 -0.25 -0.38	34.34 -0.22 -0.20	58.27 -0.21 0.00	59.50 -0.29 0.00	20.90 -0.28 0.00	24.96 -0.33 0.00	24.82 -0.30 0.00	23.95 -0.36 0.00	24.49 -0.33 0.00	18.15 -0.24 0.00	22.47 -0.33 0.00	28.39 -0.46 0.00	37.64 -0.27 0.00	44.80 -0.70 0.00	48.14 -0.50 0.00	55.80 -0.27 0.00	44.73 0.43 0.00	35.72 0.21 0.00	27.68 0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	-2.13 -0.17 8.02	-4.79 -0.09 8.64	25.47 -0.43 -2.24	23.99 -0.44 -2.17	24.60 -0.42 -2.19	26.14 -0.25 -0.38	34.34 -0.22 -0.20	58.27 -0.21 0.00	59.50 -0.29 0.00	20.90 -0.28 0.00	24.96 -0.33 0.00	24.82 -0.30 0.00	23.95 -0.36 0.00	24.49 -0.32 0.00	18.15 -0.24 0.00	22.47 -0.33 0.00	28.39 -0.46 0.00	37.64 -0.27 0.00	44.80 -0.70 0.00	48.14 -0.50 0.00	55.80 -0.27 0.00	44.73 0.43 0.00	35.72 0.21 0.00	27.68 0.08 0.00
HQ_GEN_IMPORT 323601	4.67 -0.09 1.29	2.53 -0.05 1.37	23.46 -0.20 0.00	22.06 -0.20 0.00	22.56 -0.25 0.00	25.87 -0.14 0.00	34.20 -0.15 0.00	58.28 -0.20 0.00	59.60 -0.20 0.00	21.04 -0.14 0.00	24.65 -0.15 0.48	24.99 -0.13 0.00	24.16 -0.15 0.00	24.67 -0.15 0.00	18.29 -0.11 0.00	22.66 -0.14 0.00	28.66 -0.19 0.00	37.85 -0.12 -0.06	45.29 -0.21 0.00	48.48 -0.15 0.00	56.00 -0.08 0.00	44.39 0.09 0.00	35.54 0.03 0.00	27.59 -0.01 0.00
HQ_GEN_WHEEL 23651	4.67 -0.09 1.29	2.53 -0.05 1.37	23.46 -0.20 0.00	22.06 -0.20 0.00	22.56 -0.25 0.00	25.87 -0.14 0.00	34.20 -0.15 0.00	58.28 -0.20 0.00	59.60 -0.20 0.00	21.04 -0.14 0.00	24.65 -0.15 0.48	24.99 -0.13 0.00	24.16 -0.15 0.00	24.67 -0.15 0.00	18.29 -0.11 0.00	22.66 -0.14 0.00	28.66 -0.19 0.00	37.85 -0.12 -0.06	45.29 -0.21 0.00	48.48 -0.15 0.00	56.00 -0.08 0.00	44.39 0.09 0.00	35.54 0.03 0.00	27.59 -0.01 0.00
HUDSON AVE_GT_3 23810	26.62 0.47 -20.10	21.95 0.29 -17.71	25.19 1.53 0.00	23.70 1.43 0.00	24.33 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.37 3.89 0.00	63.94 4.15 0.00	22.85 1.67 0.00	27.36 2.07 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.71 2.40 -0.49	29.25 1.76 -9.09	31.28 2.24 -6.24	41.11 2.99 -9.27	43.69 3.74 -2.03	49.58 4.09 0.00	52.61 3.98 0.00	60.38 4.30 0.00	47.36 3.07 0.00	38.06 2.55 0.00	29.48 1.88 0.00
HUDSON AVE_GT_4 23540	26.62 0.47 -20.10	21.95 0.29 -17.71	25.19 1.53 0.00	23.70 1.43 0.00	24.33 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.37 3.89 0.00	63.94 4.15 0.00	22.85 1.67 0.00	27.36 2.07 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.71 2.40 -0.49	29.25 1.76 -9.09	31.28 2.24 -6.24	41.11 2.99 -9.27	43.69 3.74 -2.03	49.58 4.09 0.00	52.61 3.98 0.00	60.38 4.30 0.00	47.36 3.07 0.00	38.06 2.55 0.00	29.48 1.88 0.00
HUDSON AVE_GT_5 23657	26.62 0.47 -20.10	21.95 0.29 -17.71	25.19 1.53 0.00	23.70 1.43 0.00	24.33 1.52 0.00	27.56 1.55 0.00	36.58 2.23 0.00	62.37 3.89 0.00	63.94 4.15 0.00	22.85 1.67 0.00	27.36 2.07 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.71 2.40 -0.49	29.25 1.76 -9.09	31.28 2.24 -6.24	41.11 2.99 -9.27	43.69 3.74 -2.03	49.58 4.09 0.00	52.61 3.98 0.00	60.38 4.30 0.00	47.36 3.07 0.00	38.06 2.55 0.00	29.48 1.88 0.00
HUDSON_AVE_10 24168	26.61 0.45 -20.10	21.94 0.28 -17.71	25.12 1.45 0.00	23.63 1.36 0.00	24.26 1.44 0.00	27.45 1.44 0.00	36.44 2.08 0.00	62.13 3.65 0.00	63.71 3.91 0.00	22.77 1.58 0.00	27.22 1.94 0.00	27.15 2.04 0.00	26.45 2.14 0.00	27.60 2.29 -0.49	29.16 1.67 -9.09	31.18 2.13 -6.24	40.97 2.85 -9.27	43.50 3.55 -2.03	49.35 3.85 0.00	52.36 3.73 0.00	60.09 4.01 0.00	47.13 2.83 0.00	37.90 2.39 0.00	29.37 1.76 0.00
HUDSON___115KV_TB 4 355613	30.25 0.26 -23.93	25.19 0.16 -21.08	24.60 0.93 0.00	23.13 0.87 0.00	23.78 0.96 0.00	27.01 0.99 0.00	35.57 1.21 0.00	60.56 2.08 0.00	61.78 1.98 0.00	21.66 0.48 0.00	25.68 0.40 0.00	25.56 0.44 0.00	24.72 0.41 0.00	25.26 0.44 0.00	18.72 0.32 0.00	23.30 0.48 0.00	29.62 0.77 0.00	38.89 0.98 0.00	47.03 1.54 0.00	50.48 1.85 0.00	58.35 2.28 0.00	45.96 1.66 0.00	36.86 1.35 0.00	28.60 1.00 0.00
HUNTER MOUNT___DRP 323613	29.71 0.27 -23.38	24.71 0.17 -20.60	24.66 0.99 0.00	23.19 0.92 0.00	23.84 1.03 0.00	27.08 1.07 0.00	35.67 1.31 0.00	60.73 2.25 0.00	61.91 2.11 0.00	21.65 0.47 0.00	25.65 0.36 0.00	25.51 0.39 0.00	24.66 0.34 0.00	25.19 0.37 0.00	18.66 0.26 0.00	23.23 0.41 0.00	29.53 0.68 0.00	38.83 0.92 0.00	47.05 1.55 0.00	50.56 1.93 0.00	58.48 2.41 0.00	46.09 1.79 0.00	36.94 1.43 0.00	28.67 1.07 0.00
HUNTINGTON_RES_REC 323705	26.62 0.45 -20.11	21.95 0.30 -17.71	25.10 1.44 0.00	23.56 1.29 0.00	24.26 1.44 0.00	27.54 1.52 0.00	36.52 2.16 0.00	61.99 3.51 0.00	63.71 3.92 0.00	22.73 1.55 0.00	26.25 1.75 0.78	24.27 1.99 2.84	21.21 2.15 5.25	26.18 2.42 1.06	17.91 1.88 2.36	21.28 2.43 3.96	25.11 3.47 7.21	34.15 4.18 7.94	236.09 4.56 -186.04	288.10 4.45 -235.02	273.99 4.98 -212.94	554.47 3.61 -506.56	233.31 2.51 -195.29	29.53 1.93 0.00
HUNTLEY___63 23557	9.06 -0.37 -3.38	6.63 -0.29 -2.97	22.17 -1.50 0.00	20.94 -1.33 0.00	21.57 -1.25 0.00	24.63 -1.38 0.00	32.32 -2.04 0.00	54.10 -4.38 0.00	55.85 -3.94 0.00	20.26 -0.92 0.00	25.02 -0.27 0.00	24.63 -0.50 0.00	23.67 -0.64 0.00	23.91 -0.92 0.00	17.56 -0.83 0.00	21.67 -1.14 0.00	26.96 -1.89 0.00	35.00 -2.91 0.00	42.14 -3.36 0.00	45.85 -2.79 0.00	52.15 -3.92 0.00	41.80 -2.50 0.00	33.14 -2.37 0.00	25.99 -1.61 0.00
HUNTLEY___64 23558	9.06 -0.37 -3.38	6.63 -0.29 -2.97	22.17 -1.50 0.00	20.94 -1.33 0.00	21.57 -1.25 0.00	24.63 -1.38 0.00	32.32 -2.04 0.00	54.10 -4.38 0.00	55.85 -3.94 0.00	20.26 -0.92 0.00	25.02 -0.27 0.00	24.63 -0.50 0.00	23.67 -0.64 0.00	23.91 -0.92 0.00	17.56 -0.83 0.00	21.67 -1.14 0.00	26.96 -1.89 0.00	35.00 -2.91 0.00	42.14 -3.36 0.00	45.85 -2.79 0.00	52.15 -3.92 0.00	41.80 -2.50 0.00	33.14 -2.37 0.00	25.99 -1.61 0.00
HUNTLEY___65 23559	9.06 -0.37 -3.38	6.63 -0.29 -2.97	22.17 -1.50 0.00	20.94 -1.33 0.00	21.57 -1.25 0.00	24.63 -1.38 0.00	32.32 -2.04 0.00	54.10 -4.38 0.00	55.85 -3.94 0.00	20.26 -0.92 0.00	25.02 -0.27 0.00	24.63 -0.50 0.00	23.67 -0.64 0.00	23.91 -0.92 0.00	17.56 -0.83 0.00	21.67 -1.14 0.00	26.96 -1.89 0.00	35.00 -2.91 0.00	42.14 -3.36 0.00	45.85 -2.79 0.00	52.15 -3.92 0.00	41.80 -2.50 0.00	33.14 -2.37 0.00	25.99 -1.61 0.00
HUNTLEY___66 23560	9.06 -0.37 -3.38	6.63 -0.29 -2.97	22.17 -1.50 0.00	20.94 -1.33 0.00	21.57 -1.25 0.00	24.63 -1.38 0.00	32.32 -2.04 0.00	54.10 -4.38 0.00	55.85 -3.94 0.00	20.26 -0.92 0.00	25.02 -0.27 0.00	24.63 -0.50 0.00	23.67 -0.64 0.00	23.91 -0.92 0.00	17.56 -0.83 0.00	21.67 -1.14 0.00	26.96 -1.89 0.00	35.00 -2.91 0.00	42.14 -3.36 0.00	45.85 -2.79 0.00	52.15 -3.92 0.00	41.80 -2.50 0.00	33.14 -2.37 0.00	25.99 -1.61 0.00

IP___TICONDEROGA 23804	31.65 0.43 -25.17	26.40 0.29 -22.17	25.34 1.67 0.00	23.89 1.63 0.00	24.82 2.00 0.00	28.52 2.51 0.00	37.61 3.25 0.00	63.62 5.14 0.00	64.23 4.44 0.00	22.23 1.05 0.00	26.33 1.05 0.00	26.30 1.18 0.00	25.33 1.02 0.00	25.86 1.05 0.00	19.29 0.90 0.00	24.10 1.29 0.00	30.59 1.74 0.00	40.17 2.26 0.00	48.50 3.00 0.00	51.45 2.82 0.00	59.88 3.81 0.00	47.30 3.00 0.00	37.78 2.27 0.00	29.68 2.08 0.00
ISLIP_RES_REC 323679	26.70 0.53 -20.11	22.00 0.34 -17.71	25.38 1.71 0.00	23.82 1.55 0.00	24.53 1.71 0.00	27.88 1.87 0.00	37.02 2.66 0.00	62.89 4.41 0.00	64.64 4.84 0.00	23.03 1.85 0.00	26.52 2.00 0.76	24.56 2.22 2.79	21.55 2.39 5.15	26.46 2.68 1.04	18.14 2.08 2.33	21.61 2.70 3.89	25.62 3.86 7.08	34.90 4.78 7.79	119.84 5.27 -69.07	142.43 5.23 -88.56	142.38 5.87 -80.43	245.56 4.27 -197.00	114.60 3.07 -76.01	29.97 2.36 0.00
JAMAICA__27_KV_LOAD 355505	26.63 0.48 -20.10	21.95 0.30 -17.71	25.14 1.48 0.00	23.65 1.39 0.00	24.27 1.45 0.00	27.41 1.40 0.00	36.36 2.00 0.00	62.06 3.58 0.00	63.64 3.84 0.00	22.74 1.56 0.00	27.12 1.83 0.00	27.10 1.98 0.00	26.39 2.08 0.00	27.52 2.21 -0.49	29.09 1.60 -9.09	31.12 2.07 -6.24	40.88 2.76 -9.27	43.36 3.41 -2.03	49.18 3.69 0.00	52.17 3.54 0.00	59.87 3.79 0.00	46.96 2.66 0.00	37.82 2.31 0.00	29.31 1.70 0.00
JANIS___SOLAR 323808	11.71 0.07 -5.58	8.89 0.03 -4.92	23.69 0.02 0.00	22.28 0.01 0.00	22.88 0.06 0.00	26.22 0.21 0.00	34.93 0.58 0.00	62.21 3.73 0.00	63.75 3.95 0.00	22.50 1.32 0.00	26.01 0.72 0.00	25.45 0.33 0.00	24.55 0.23 0.00	24.79 -0.03 0.00	18.37 -0.03 0.00	22.66 -0.14 0.00	29.18 0.33 0.00	39.49 1.58 0.00	48.88 3.39 0.00	54.78 6.15 0.00	63.82 7.75 0.00	50.08 5.78 0.00	39.83 4.32 0.00	30.73 3.13 0.00
JARVIS____ 23743	6.73 0.04 -0.63	4.64 0.02 -0.67	23.78 0.11 0.00	22.38 0.11 0.00	22.96 0.14 0.00	26.17 0.15 0.00	34.54 0.17 0.00	58.72 0.24 0.00	60.03 0.23 0.00	21.25 0.07 0.00	25.34 0.05 0.00	25.16 0.05 0.00	24.36 0.05 0.00	24.87 0.05 0.00	18.43 0.03 0.00	22.86 0.05 0.00	28.94 0.09 0.00	38.03 0.12 0.00	45.70 0.20 0.00	48.83 0.20 0.00	56.30 0.23 0.00	44.43 0.13 0.00	35.64 0.13 0.00	27.70 0.10 0.00
JENNISON___1 23625	13.14 0.01 -7.08	10.18 -0.01 -6.24	23.54 -0.12 0.00	22.09 -0.17 0.00	22.67 -0.15 0.00	25.93 -0.08 0.00	34.53 0.17 0.00	59.86 1.39 0.00	61.39 1.60 0.00	21.96 0.78 0.00	26.08 0.80 0.00	25.70 0.58 0.00	24.86 0.55 0.00	25.24 0.42 0.00	18.70 0.31 0.00	23.13 0.32 0.00	29.47 0.62 0.00	39.18 1.27 0.00	47.67 2.17 0.00	51.89 3.26 0.00	59.98 3.90 0.00	47.04 2.74 0.00	37.60 2.09 0.00	29.07 1.48 0.00
JENNISON___2 23626	13.14 0.01 -7.08	10.18 -0.01 -6.24	23.54 -0.12 0.00	22.09 -0.17 0.00	22.67 -0.15 0.00	25.93 -0.08 0.00	34.53 0.17 0.00	59.86 1.39 0.00	61.39 1.60 0.00	21.96 0.78 0.00	26.08 0.80 0.00	25.70 0.58 0.00	24.86 0.55 0.00	25.24 0.42 0.00	18.70 0.31 0.00	23.13 0.32 0.00	29.47 0.62 0.00	39.18 1.27 0.00	47.67 2.17 0.00	51.89 3.26 0.00	59.98 3.90 0.00	47.04 2.74 0.00	37.60 2.09 0.00	29.07 1.48 0.00
JERICO_RISE_WT_PWR 323719	-22.20 -0.38 27.87	-22.43 -0.22 26.15	-24.50 -1.28 46.88	-24.37 -1.23 45.41	-24.41 -1.25 45.98	16.89 -1.09 8.03	28.79 -1.35 4.21	56.68 -1.80 0.00	58.18 -1.62 0.00	20.31 -0.87 0.00	24.12 -1.16 0.00	24.16 -0.96 0.00	23.32 -0.99 0.00	23.95 -0.87 0.00	17.85 -0.54 0.00	22.15 -0.66 0.00	28.08 -0.77 0.00	37.47 -0.45 0.00	45.09 -0.40 0.00	48.44 -0.19 0.00	56.33 0.25 0.00	44.79 0.50 0.00	35.82 0.31 0.00	27.85 0.25 0.00
KATONAH__115KV_46KV_TB4 355592	26.83 0.42 -20.35	22.14 0.26 -17.93	25.05 1.39 0.00	23.56 1.30 0.00	24.21 1.39 0.00	27.44 1.43 0.00	36.38 2.02 0.00	61.99 3.51 0.00	63.49 3.70 0.00	22.64 1.46 0.00	27.06 1.78 0.00	26.96 1.84 0.00	26.21 1.89 0.00	26.88 2.07 0.00	19.91 1.51 0.00	24.75 1.94 0.00	31.46 2.61 0.00	41.25 3.33 0.00	49.22 3.72 0.00	52.29 3.65 0.00	60.06 3.99 0.00	47.15 2.85 0.00	37.82 2.31 0.00	29.30 1.70 0.00
KCE_NY_1 323755	31.51 0.32 -25.14	26.30 0.21 -22.14	24.89 1.23 0.00	23.39 1.12 0.00	24.12 1.30 0.00	27.40 1.39 0.00	36.15 1.79 0.00	61.46 2.98 0.00	62.56 2.77 0.00	21.92 0.73 0.00	26.05 0.76 0.00	25.92 0.80 0.00	25.04 0.73 0.00	25.59 0.77 0.00	19.00 0.60 0.00	23.60 0.79 0.00	29.90 1.05 0.00	39.38 1.47 0.00	47.51 2.02 0.00	50.65 2.02 0.00	58.43 2.36 0.00	46.09 1.79 0.00	37.00 1.49 0.00	28.93 1.33 0.00
KCE_NY_6_ESR 323823	9.31 -0.32 -3.58	6.83 -0.26 -3.15	22.38 -1.29 0.00	21.14 -1.13 0.00	21.78 -1.04 0.00	24.84 -1.17 0.00	32.62 -1.74 0.00	54.74 -3.73 0.00	56.48 -3.32 0.00	20.48 -0.70 0.00	25.21 -0.08 0.00	24.85 -0.27 0.00	23.91 -0.41 0.00	24.13 -0.69 0.00	17.76 -0.63 0.00	21.87 -0.93 0.00	27.29 -1.56 0.00	35.51 -2.40 0.00	42.73 -2.76 0.00	46.44 -2.20 0.00	52.87 -3.20 0.00	42.31 -1.99 0.00	33.51 -2.00 0.00	26.24 -1.36 0.00
KEDC_PORT_JEFF_GT2 24210	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.59 0.00	23.70 1.44 0.00	24.41 1.59 0.00	27.73 1.72 0.00	36.81 2.45 0.00	62.48 4.00 0.00	64.22 4.43 0.00	22.88 1.70 0.00	26.36 1.87 0.79	24.33 2.09 2.88	21.26 2.26 5.31	26.30 2.55 1.07	17.99 1.98 2.38	21.38 2.57 4.01	25.24 3.68 7.29	34.40 4.52 8.04	136.87 4.96 -86.42	163.78 4.79 -110.36	161.54 5.30 -100.16	291.47 3.82 -243.35	132.13 2.74 -93.88	29.80 2.19 0.00
KEDC_PORT_JEFF_GT3 24211	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.59 0.00	23.70 1.44 0.00	24.41 1.59 0.00	27.73 1.72 0.00	36.81 2.45 0.00	62.48 4.00 0.00	64.22 4.43 0.00	22.88 1.70 0.00	26.36 1.87 0.79	24.33 2.09 2.88	21.26 2.26 5.31	26.30 2.55 1.07	17.99 1.98 2.38	21.38 2.57 4.01	25.24 3.68 7.29	34.40 4.52 8.04	136.87 4.96 -86.42	163.78 4.79 -110.36	161.54 5.30 -100.16	291.47 3.82 -243.35	132.13 2.74 -93.88	29.80 2.19 0.00
KEDC_GLWD_GT4 24219	26.62 0.46 -20.11	21.95 0.29 -17.71	25.13 1.47 0.00	23.62 1.36 0.00	24.29 1.48 0.00	27.56 1.55 0.00	36.56 2.20 0.00	62.21 3.74 0.00	63.82 4.02 0.00	22.75 1.57 0.00	27.77 1.94 -0.54	29.16 2.10 -1.94	29.74 2.21 -3.21	27.90 2.40 -0.68	20.64 1.82 -0.43	26.87 2.34 -1.72	35.28 3.22 -3.21	46.34 3.93 -4.51	53.49 4.34 -3.65	55.85 4.25 -2.97	63.04 4.46 -2.50	47.60 3.12 -0.18	37.99 2.48 0.00	29.44 1.84 0.00
KEDC_GLWD_GT5 24220	26.62 0.46 -20.11	21.95 0.29 -17.71	25.13 1.47 0.00	23.62 1.36 0.00	24.29 1.48 0.00	27.56 1.55 0.00	36.56 2.20 0.00	62.21 3.74 0.00	63.82 4.02 0.00	22.75 1.57 0.00	27.77 1.94 -0.54	29.16 2.10 -1.94	29.74 2.21 -3.21	27.90 2.40 -0.68	20.64 1.82 -0.43	26.87 2.34 -1.72	35.28 3.22 -3.21	46.34 3.93 -4.51	53.49 4.34 -3.65	55.85 4.25 -2.97	63.04 4.46 -2.50	47.60 3.12 -0.18	37.99 2.48 0.00	29.44 1.84 0.00

NEG CENTRAL_HIGH_ACRES 23767	8.38 -0.28 -2.60	6.01 -0.23 -2.29	22.46 -1.21 0.00	21.20 -1.06 0.00	21.83 -0.98 0.00	24.94 -1.07 0.00	32.83 -1.52 0.00	55.22 -3.25 0.00	56.68 -3.12 0.00	20.44 -0.74 0.00	24.99 -0.30 0.00	24.62 -0.50 0.00	23.64 -0.67 0.00	23.94 -0.88 0.00	17.62 -0.78 0.00	21.77 -1.04 0.00	27.28 -1.57 0.00	35.70 -2.21 0.00	43.11 -2.39 0.00	46.66 -1.97 0.00	53.31 -2.76 0.00	42.49 -1.81 0.00	33.74 -1.77 0.00	26.35 -1.25 0.00
NEG CENTRAL___DRP 24199	8.75 -0.08 -2.77	6.31 -0.07 -2.44	23.27 -0.40 0.00	21.94 -0.33 0.00	22.52 -0.30 0.00	25.66 -0.35 0.00	33.90 -0.46 0.00	57.36 -1.12 0.00	58.73 -1.06 0.00	20.98 -0.20 0.00	25.22 -0.06 0.00	24.91 -0.20 0.00	24.06 -0.25 0.00	24.44 -0.38 0.00	18.07 -0.33 0.00	22.33 -0.48 0.00	28.15 -0.70 0.00	36.91 -1.00 0.00	44.51 -0.99 0.00	47.97 -0.66 0.00	55.06 -1.02 0.00	43.73 -0.57 0.00	34.94 -0.57 0.00	27.18 -0.42 0.00
NEG CENTRAL___INDECK 23768	10.51 -0.03 -4.49	7.84 -0.06 -3.95	23.61 -0.05 0.00	22.34 0.07 0.00	23.12 0.31 0.00	26.29 0.28 0.00	34.89 0.53 0.00	58.98 0.50 0.00	60.35 0.56 0.00	21.13 -0.05 0.00	25.65 0.37 0.00	25.27 0.15 0.00	24.57 0.26 0.00	24.78 -0.04 0.00	18.27 -0.13 0.00	22.51 -0.30 0.00	28.12 -0.73 0.00	36.65 -1.26 0.00	44.43 -1.06 0.00	48.92 0.28 0.00	56.17 0.10 0.00	44.76 0.47 0.00	35.39 -0.12 0.00	27.58 -0.02 0.00
NEG CENTRAL___SENECA 23627	9.01 -0.10 -3.05	6.53 -0.10 -2.69	23.19 -0.48 0.00	21.89 -0.38 0.00	22.51 -0.31 0.00	25.67 -0.34 0.00	33.92 -0.44 0.00	57.18 -1.30 0.00	58.62 -1.18 0.00	21.01 -0.17 0.00	25.36 0.08 0.00	25.01 -0.11 0.00	24.13 -0.18 0.00	24.47 -0.35 0.00	18.07 -0.33 0.00	22.32 -0.49 0.00	28.12 -0.73 0.00	36.87 -1.05 0.00	44.52 -0.97 0.00	48.09 -0.55 0.00	55.06 -1.01 0.00	43.90 -0.40 0.00	35.02 -0.49 0.00	27.26 -0.34 0.00
NEG CENTRAL___STATE_STREET 24147	8.77 -0.01 -2.72	6.33 -0.02 -2.40	23.52 -0.14 0.00	22.14 -0.12 0.00	22.70 -0.12 0.00	25.83 -0.18 0.00	34.16 -0.20 0.00	58.05 -0.43 0.00	59.37 -0.43 0.00	21.09 -0.09 0.00	25.17 -0.11 0.00	24.88 -0.24 0.00	24.04 -0.27 0.00	24.45 -0.37 0.00	18.10 -0.30 0.00	22.40 -0.41 0.00	28.26 -0.59 0.00	37.10 -0.82 0.00	44.73 -0.77 0.00	48.14 -0.49 0.00	55.43 -0.65 0.00	43.81 -0.48 0.00	35.03 -0.48 0.00	27.24 -0.36 0.00
NEG MILLWOOD___DRP 24198	26.80 0.44 -20.31	22.11 0.28 -17.89	25.13 1.46 0.00	23.63 1.37 0.00	24.28 1.47 0.00	27.54 1.52 0.00	36.51 2.15 0.00	62.21 3.73 0.00	63.70 3.91 0.00	22.65 1.47 0.00	27.06 1.78 0.00	26.96 1.84 0.00	26.22 1.91 0.00	26.87 2.05 0.00	19.92 1.53 0.00	24.78 1.97 0.00	31.51 2.66 0.00	41.33 3.42 0.00	49.38 3.89 0.00	52.49 3.86 0.00	60.29 4.22 0.00	47.35 3.05 0.00	37.95 2.44 0.00	29.39 1.78 0.00
NEG NORTH_FLCN_SEA 23793	-21.09 -0.30 26.85	-21.52 -0.19 25.28	-21.27 -1.04 43.90	-21.27 -1.02 42.52	-21.23 -0.99 43.05	17.73 -0.76 7.52	29.45 -0.97 3.95	57.20 -1.28 0.00	58.65 -1.15 0.00	20.51 -0.67 0.00	24.36 -0.92 0.00	24.39 -0.73 0.00	23.56 -0.75 0.00	24.18 -0.63 0.00	18.04 -0.36 0.00	22.40 -0.41 0.00	28.42 -0.43 0.00	37.97 0.06 0.00	45.75 0.25 0.00	49.01 0.38 0.00	57.11 1.04 0.00	45.31 1.01 0.00	36.21 0.71 0.00	28.20 0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	-22.15 -0.36 27.85	-22.40 -0.22 26.13	-24.37 -1.23 46.82	-24.26 -1.18 45.34	-24.29 -1.19 45.92	16.98 -1.01 8.02	28.87 -1.28 4.21	56.82 -1.66 0.00	58.31 -1.48 0.00	20.34 -0.84 0.00	24.13 -1.16 0.00	24.16 -0.96 0.00	23.33 -0.99 0.00	23.95 -0.87 0.00	17.85 -0.54 0.00	22.15 -0.66 0.00	28.09 -0.76 0.00	37.47 -0.44 0.00	45.10 -0.39 0.00	48.55 -0.08 0.00	56.52 0.44 0.00	44.93 0.63 0.00	35.95 0.44 0.00	27.92 0.32 0.00
NEG NORTH___ALICE_FALLS 23915	-21.25 -0.30 27.01	-21.66 -0.19 25.41	-21.77 -1.07 44.36	-21.74 -1.04 42.97	-21.70 -1.01 43.51	17.62 -0.79 7.60	29.41 -0.97 3.99	57.23 -1.24 0.00	58.67 -1.12 0.00	20.48 -0.70 0.00	24.32 -0.96 0.00	24.34 -0.78 0.00	23.51 -0.80 0.00	24.16 -0.66 0.00	17.99 -0.41 0.00	22.33 -0.48 0.00	28.34 -0.51 0.00	37.87 -0.04 0.00	45.67 0.18 0.00	49.04 0.40 0.00	57.15 1.08 0.00	45.36 1.06 0.00	36.22 0.71 0.00	28.18 0.58 0.00
NEG NORTH___LWR_SARANAC 23913	-21.25 -0.30 27.01	-21.66 -0.19 25.41	-21.77 -1.07 44.36	-21.74 -1.04 42.97	-21.70 -1.01 43.51	17.62 -0.79 7.60	29.41 -0.97 3.99	57.23 -1.24 0.00	58.67 -1.12 0.00	20.48 -0.70 0.00	24.32 -0.96 0.00	24.34 -0.78 0.00	23.51 -0.80 0.00	24.16 -0.66 0.00	17.99 -0.41 0.00	22.33 -0.48 0.00	28.34 -0.51 0.00	37.87 -0.04 0.00	45.67 0.18 0.00	49.04 0.40 0.00	57.15 1.08 0.00	45.36 1.06 0.00	36.22 0.71 0.00	28.18 0.58 0.00
NEG NORTH___PLATTSBURG 23628	-21.25 -0.30 27.01	-21.66 -0.19 25.41	-21.77 -1.07 44.36	-21.74 -1.05 42.97	-21.70 -1.01 43.51	17.62 -0.79 7.60	29.41 -0.97 3.99	57.24 -1.24 0.00	58.67 -1.13 0.00	20.48 -0.70 0.00	24.32 -0.96 0.00	24.34 -0.78 0.00	23.51 -0.80 0.00	24.16 -0.66 0.00	17.99 -0.41 0.00	22.34 -0.47 0.00	28.33 -0.52 0.00	37.88 -0.04 0.00	45.67 0.18 0.00	49.03 0.40 0.00	57.15 1.08 0.00	45.36 1.06 0.00	36.22 0.71 0.00	28.18 0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	8.90 -0.42 -3.26	6.51 -0.31 -2.87	22.01 -1.65 0.00	20.78 -1.48 0.00	21.42 -1.40 0.00	24.45 -1.56 0.00	32.07 -2.29 0.00	53.62 -4.86 0.00	55.30 -4.50 0.00	20.05 -1.13 0.00	24.78 -0.51 0.00	24.38 -0.74 0.00	23.43 -0.88 0.00	23.64 -1.18 0.00	17.38 -1.02 0.00	21.43 -1.38 0.00	26.67 -2.18 0.00	34.59 -3.32 0.00	41.68 -3.82 0.00	45.41 -3.22 0.00	51.65 -4.42 0.00	41.42 -2.88 0.00	32.85 -2.67 0.00	25.79 -1.82 0.00
NEG WEST___LANCASTER 23811	9.50 -0.32 -3.77	7.01 -0.26 -3.32	22.41 -1.26 0.00	21.17 -1.09 0.00	21.80 -1.02 0.00	24.86 -1.15 0.00	32.66 -1.70 0.00	54.86 -3.62 0.00	56.58 -3.22 0.00	20.47 -0.71 0.00	25.15 -0.13 0.00	24.82 -0.30 0.00	23.97 -0.34 0.00	24.20 -0.62 0.00	17.81 -0.59 0.00	21.92 -0.89 0.00	27.43 -1.42 0.00	35.67 -2.24 0.00	42.84 -2.65 0.00	46.48 -2.15 0.00	52.91 -3.16 0.00	42.29 -2.01 0.00	33.53 -1.98 0.00	26.27 -1.33 0.00
NEG_PENN_ALLEGHNY 23528	12.71 0.04 -6.61	9.78 0.01 -5.83	23.71 0.04 0.00	22.32 0.05 0.00	22.91 0.09 0.00	26.06 0.05 0.00	34.46 0.10 0.00	58.57 0.09 0.00	60.01 0.21 0.00	21.39 0.21 0.00	25.63 0.35 0.00	25.37 0.25 0.00	24.61 0.30 0.00	25.02 0.20 0.00	18.54 0.14 0.00	22.92 0.12 0.00	29.03 0.18 0.00	38.11 0.20 0.00	45.78 0.28 0.00	49.15 0.52 0.00	56.39 0.32 0.00	44.58 0.28 0.00	35.61 0.10 0.00	27.70 0.10 0.00
NEG___GEN_MONROE 24207	8.57 -0.19 -2.70	6.15 -0.17 -2.38	22.80 -0.86 0.00	21.52 -0.74 0.00	22.17 -0.64 0.00	25.36 -0.65 0.00	33.36 -1.00 0.00	56.02 -2.46 0.00	57.49 -2.31 0.00	20.69 -0.49 0.00	25.32 0.04 0.00	24.96 -0.15 0.00	24.01 -0.30 0.00	24.28 -0.54 0.00	17.83 -0.57 0.00	22.02 -0.80 0.00	27.52 -1.33 0.00	35.94 -1.97 0.00	43.43 -2.06 0.00	47.34 -1.30 0.00	54.05 -2.03 0.00	43.17 -1.13 0.00	34.23 -1.28 0.00	26.76 -0.84 0.00

NEPA__ENERGY 23901	9.75 -0.16 -3.85	7.18 -0.16 -3.39	22.96 -0.70 0.00	21.70 -0.56 0.00	22.33 -0.48 0.00	25.48 -0.53 0.00	33.68 -0.68 0.00	56.64 -1.84 0.00	58.36 -1.44 0.00	21.13 -0.05 0.00	25.89 0.61 0.00	25.53 0.41 0.00	24.88 0.57 0.00	25.10 0.28 0.00	18.56 0.17 0.00	22.72 -0.09 0.00	28.60 -0.24 0.00	37.22 -0.69 0.00	44.51 -0.98 0.00	48.18 -0.45 0.00	54.71 -1.37 0.00	43.64 -0.66 0.00	34.55 -0.96 0.00	27.02 -0.58 0.00
NEVERSINK__HYD 23608	24.72 0.41 -18.25	20.31 0.29 -16.08	25.21 1.55 0.00	23.73 1.47 0.00	24.37 1.56 0.00	27.69 1.68 0.00	36.69 2.33 0.00	62.43 3.95 0.00	63.76 3.96 0.00	22.63 1.45 0.00	27.06 1.77 0.00	26.91 1.79 0.00	26.16 1.85 0.00	26.77 1.95 0.00	19.74 1.34 0.00	24.50 1.69 0.00	31.20 2.35 0.00	41.06 3.15 0.00	49.22 3.73 0.00	52.45 3.82 0.00	60.26 4.18 0.00	47.30 3.00 0.00	37.88 2.37 0.00	29.39 1.79 0.00
NEWKRMKL_115KV_TB1 55635	30.82 0.19 -24.57	25.71 0.12 -21.64	24.31 0.64 0.00	22.85 0.58 0.00	23.49 0.67 0.00	26.63 0.62 0.00	35.04 0.68 0.00	59.71 1.23 0.00	61.06 1.27 0.00	21.55 0.37 0.00	25.64 0.36 0.00	25.54 0.42 0.00	24.74 0.43 0.00	25.28 0.46 0.00	18.75 0.36 0.00	23.33 0.52 0.00	29.62 0.78 0.00	38.86 0.95 0.00	46.69 1.20 0.00	49.73 1.09 0.00	57.33 1.26 0.00	45.17 0.88 0.00	36.28 0.77 0.00	28.19 0.59 0.00
NEWTON__FALLS_HYD 23847	3.23 -0.42 2.41	0.69 -0.26 3.00	26.91 -1.55 -4.80	25.46 -1.46 -4.65	26.29 -1.24 -4.71	25.88 -0.95 -0.82	33.81 -0.99 -0.43	57.04 -1.44 0.00	57.98 -1.82 0.00	20.29 -0.89 0.00	24.04 -1.24 0.00	23.77 -1.35 0.00	22.89 -1.42 0.00	23.42 -1.40 0.00	17.34 -1.05 0.00	21.42 -1.39 0.00	27.14 -1.71 0.00	36.13 -1.78 0.00	43.61 -1.88 0.00	47.34 -1.30 0.00	55.14 -0.93 0.00	43.90 -0.40 0.00	35.03 -0.47 0.00	27.10 -0.50 0.00
NGRID_A1_DSASP 323792	8.89 -0.48 -3.32	6.51 -0.36 -2.92	21.76 -1.90 0.00	20.55 -1.71 0.00	21.17 -1.65 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.82 -5.66 0.00	54.47 -5.33 0.00	19.81 -1.38 0.00	24.52 -0.77 0.00	24.17 -0.95 0.00	23.20 -1.12 0.00	23.38 -1.43 0.00	17.21 -1.18 0.00	21.24 -1.57 0.00	26.40 -2.45 0.00	34.22 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.82 -5.26 0.00	40.79 -3.51 0.00	32.35 -3.16 0.00	25.41 -2.19 0.00
NGRID_A2_DSASP 323793	8.89 -0.48 -3.32	6.51 -0.36 -2.92	21.76 -1.90 0.00	20.55 -1.71 0.00	21.17 -1.65 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.82 -5.66 0.00	54.47 -5.33 0.00	19.81 -1.38 0.00	24.52 -0.77 0.00	24.17 -0.95 0.00	23.20 -1.12 0.00	23.38 -1.43 0.00	17.21 -1.18 0.00	21.24 -1.57 0.00	26.40 -2.45 0.00	34.22 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.82 -5.26 0.00	40.79 -3.51 0.00	32.35 -3.16 0.00	25.41 -2.19 0.00
NGRID_A4_DSASP 323807	8.89 -0.48 -3.32	6.51 -0.36 -2.92	21.76 -1.90 0.00	20.55 -1.71 0.00	21.17 -1.65 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.82 -5.66 0.00	54.47 -5.33 0.00	19.81 -1.38 0.00	24.52 -0.77 0.00	24.17 -0.95 0.00	23.20 -1.12 0.00	23.38 -1.43 0.00	17.21 -1.18 0.00	21.24 -1.57 0.00	26.40 -2.45 0.00	34.22 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.82 -5.26 0.00	40.79 -3.51 0.00	32.35 -3.16 0.00	25.41 -2.19 0.00
NIAGARA_115E_LBMP 323715	8.86 -0.51 -3.32	6.51 -0.35 -2.92	21.70 -1.96 0.00	20.47 -1.80 0.00	21.10 -1.72 0.00	24.08 -1.93 0.00	31.53 -2.83 0.00	52.62 -5.86 0.00	54.26 -5.54 0.00	19.73 -1.45 0.00	24.42 -0.86 0.00	24.04 -1.08 0.00	23.08 -1.23 0.00	23.27 -1.55 0.00	17.15 -1.25 0.00	21.12 -1.69 0.00	26.24 -2.60 0.00	34.03 -3.88 0.00	40.98 -4.52 0.00	44.58 -4.05 0.00	50.67 -5.40 0.00	40.68 -3.62 0.00	32.27 -3.24 0.00	25.36 -2.24 0.00
NIAGARA_115W_LBMP 323714	8.87 -0.50 -3.31	6.49 -0.37 -2.92	21.69 -1.97 0.00	20.49 -1.78 0.00	21.10 -1.71 0.00	24.07 -1.94 0.00	31.53 -2.83 0.00	52.64 -5.84 0.00	54.29 -5.51 0.00	19.74 -1.44 0.00	24.43 -0.85 0.00	24.09 -1.03 0.00	23.12 -1.20 0.00	23.31 -1.51 0.00	17.16 -1.24 0.00	21.18 -1.63 0.00	26.31 -2.54 0.00	34.10 -3.81 0.00	40.99 -4.51 0.00	44.56 -4.08 0.00	50.65 -5.43 0.00	40.66 -3.64 0.00	32.25 -3.25 0.00	25.34 -2.27 0.00
NIAGARA_230_LBMP 323716	8.90 -0.43 -3.27	6.49 -0.33 -2.88	21.93 -1.73 0.00	20.71 -1.56 0.00	21.32 -1.50 0.00	24.32 -1.69 0.00	31.87 -2.49 0.00	53.26 -5.22 0.00	54.87 -4.93 0.00	19.93 -1.25 0.00	24.64 -0.64 0.00	24.31 -0.81 0.00	23.34 -0.97 0.00	23.54 -1.28 0.00	17.33 -1.07 0.00	21.38 -1.43 0.00	26.61 -2.24 0.00	34.51 -3.40 0.00	41.47 -4.03 0.00	45.06 -3.57 0.00	51.24 -4.83 0.00	41.11 -3.19 0.00	32.61 -2.90 0.00	25.61 -1.99 0.00
NIAGARA__115KV_198_GIBSON 55903	8.86 -0.50 -3.31	6.49 -0.37 -2.92	21.67 -2.00 0.00	20.48 -1.79 0.00	21.09 -1.73 0.00	24.08 -1.94 0.00	31.53 -2.83 0.00	52.67 -5.81 0.00	54.37 -5.43 0.00	19.74 -1.44 0.00	24.43 -0.85 0.00	24.07 -1.05 0.00	23.12 -1.19 0.00	23.33 -1.49 0.00	17.15 -1.25 0.00	21.17 -1.64 0.00	26.32 -2.53 0.00	34.10 -3.81 0.00	40.98 -4.51 0.00	44.56 -4.08 0.00	50.65 -5.43 0.00	40.65 -3.65 0.00	32.26 -3.25 0.00	25.34 -2.26 0.00
NIAGARA____ 23760	8.93 -0.43 -3.31	6.53 -0.33 -2.92	21.93 -1.73 0.00	20.71 -1.56 0.00	21.32 -1.50 0.00	24.32 -1.69 0.00	31.87 -2.49 0.00	53.26 -5.22 0.00	54.87 -4.93 0.00	19.93 -1.25 0.00	24.64 -0.64 0.00	24.31 -0.81 0.00	23.34 -0.97 0.00	23.54 -1.28 0.00	17.33 -1.07 0.00	21.38 -1.43 0.00	26.61 -2.24 0.00	34.51 -3.40 0.00	41.47 -4.03 0.00	45.06 -3.57 0.00	51.24 -4.83 0.00	41.11 -3.19 0.00	32.61 -2.90 0.00	25.61 -1.99 0.00
NINE_MILE_1 23575	7.22 -0.16 -1.33	5.00 -0.11 -1.17	22.97 -0.69 0.00	21.62 -0.64 0.00	22.13 -0.68 0.00	25.16 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.95 0.00	57.80 -2.00 0.00	20.52 -0.66 0.00	24.46 -0.82 0.00	24.26 -0.86 0.00	23.49 -0.82 0.00	23.95 -0.87 0.00	17.76 -0.63 0.00	21.98 -0.84 0.00	27.70 -1.14 0.00	36.34 -1.58 0.00	43.66 -1.84 0.00	46.72 -1.92 0.00	53.86 -2.22 0.00	42.51 -1.79 0.00	34.09 -1.42 0.00	26.52 -1.08 0.00
NINE_MILE_2 23744	7.22 -0.16 -1.32	5.00 -0.11 -1.17	22.98 -0.69 0.00	21.62 -0.64 0.00	22.13 -0.68 0.00	25.16 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.94 0.00	57.80 -2.00 0.00	20.52 -0.66 0.00	24.46 -0.82 0.00	24.27 -0.86 0.00	23.49 -0.82 0.00	23.95 -0.87 0.00	17.76 -0.63 0.00	21.98 -0.83 0.00	27.70 -1.14 0.00	36.34 -1.58 0.00	43.66 -1.83 0.00	46.72 -1.91 0.00	53.87 -2.21 0.00	42.51 -1.79 0.00	34.09 -1.42 0.00	26.52 -1.08 0.00
NM_CAPITAL__DRP 24208	30.76 0.20 -24.50	25.65 0.13 -21.58	24.36 0.69 0.00	22.91 0.65 0.00	23.55 0.73 0.00	26.70 0.69 0.00	35.11 0.75 0.00	59.84 1.37 0.00	61.20 1.40 0.00	21.60 0.42 0.00	25.71 0.42 0.00	25.61 0.49 0.00	24.79 0.47 0.00	25.34 0.53 0.00	18.80 0.41 0.00	23.39 0.58 0.00	29.69 0.84 0.00	38.95 1.04 0.00	46.79 1.29 0.00	49.78 1.15 0.00	57.43 1.35 0.00	45.25 0.96 0.00	36.36 0.85 0.00	28.26 0.66 0.00

NM_CENTRAL___DRP 24181	7.97 -0.04 -1.96	5.63 -0.04 -1.72	23.39 -0.28 0.00	22.00 -0.26 0.00	22.54 -0.28 0.00	25.63 -0.38 0.00	33.89 -0.47 0.00	57.71 -0.77 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.37 0.00	24.41 -0.41 0.00	18.10 -0.30 0.00	22.40 -0.41 0.00	28.27 -0.58 0.00	37.11 -0.80 0.00	44.64 -0.85 0.00	47.83 -0.81 0.00	55.11 -0.97 0.00	43.47 -0.83 0.00	34.80 -0.71 0.00	27.05 -0.55 0.00
NM_FRONTIER___DRP 24179	8.86 -0.50 -3.31	6.49 -0.37 -2.92	21.67 -2.00 0.00	20.48 -1.79 0.00	21.09 -1.73 0.00	24.08 -1.94 0.00	31.53 -2.83 0.00	52.67 -5.81 0.00	54.37 -5.43 0.00	19.74 -1.44 0.00	24.43 -0.85 0.00	24.07 -1.05 0.00	23.12 -1.19 0.00	23.33 -1.49 0.00	17.15 -1.25 0.00	21.17 -1.64 0.00	26.32 -2.53 0.00	34.10 -3.81 0.00	40.98 -4.51 0.00	44.56 -4.08 0.00	50.65 -5.43 0.00	40.65 -3.65 0.00	32.26 -3.25 0.00	25.34 -2.26 0.00
NM_ST_REGIS___HYD 24053	2.68 -0.36 3.02	-0.31 -0.21 4.04	34.38 -1.21 -11.92	32.64 -1.17 -11.54	33.39 -1.12 -11.69	27.13 -0.93 -2.04	34.39 -1.04 -1.07	57.04 -1.43 0.00	58.21 -1.59 0.00	20.37 -0.82 0.00	24.19 -1.09 0.00	24.04 -1.08 0.00	23.18 -1.14 0.00	23.82 -1.00 0.00	17.70 -0.69 0.00	21.84 -0.96 0.00	27.58 -1.27 0.00	36.75 -1.16 0.00	44.05 -1.45 0.00	47.55 -1.09 0.00	55.34 -0.74 0.00	44.31 0.01 0.00	35.32 -0.19 0.00	27.33 -0.27 0.00
NORTHPORT___1 23551	26.60 0.44 -20.11	21.94 0.29 -17.71	25.07 1.40 0.00	23.53 1.27 0.00	24.22 1.40 0.00	27.49 1.49 0.00	36.48 2.12 0.00	61.83 3.35 0.00	63.44 3.64 0.00	22.66 1.48 0.85	26.19 1.76 3.10	24.01 2.00 5.70	20.76 2.15 1.15	26.08 2.41 1.15	17.75 1.87 2.51	20.95 2.41 4.27	24.48 3.39 7.76	33.33 4.01 8.60	43.53 4.22 6.19	47.38 4.13 5.39	56.11 4.57 4.53	47.15 3.19 0.33	37.83 2.32 0.00	29.41 1.81 0.00
NORTHPORT___2 23552	26.60 0.44 -20.11	21.94 0.29 -17.71	25.07 1.40 0.00	23.53 1.27 0.00	24.22 1.40 0.00	27.49 1.49 0.00	36.48 2.12 0.00	61.83 3.35 0.00	63.44 3.64 0.00	22.66 1.48 0.85	26.19 1.76 3.10	24.01 2.00 5.70	20.76 2.15 1.15	26.08 2.41 1.15	17.75 1.87 2.51	20.95 2.41 4.27	24.48 3.39 7.76	33.33 4.01 8.60	43.53 4.22 6.19	47.38 4.13 5.39	56.11 4.57 4.53	47.15 3.19 0.33	37.83 2.32 0.00	29.41 1.81 0.00
NORTHPORT___3 23553	26.56 0.39 -20.11	21.92 0.27 -17.71	24.90 1.24 0.00	23.38 1.11 0.00	24.07 1.25 0.00	27.28 1.27 0.00	36.13 1.77 0.00	61.31 2.83 0.00	63.01 3.22 0.00	22.52 1.34 0.86	26.04 1.61 3.12	23.86 1.86 5.73	20.59 2.00 1.16	25.92 2.27 1.16	17.63 1.75 2.52	20.79 2.27 4.29	24.25 3.20 7.80	32.96 3.70 8.65	36.40 3.97 13.07	38.46 3.82 13.99	48.00 4.24 12.31	28.90 3.12 18.52	30.61 2.11 7.01	29.20 1.60 0.00
NORTHPORT___4 23650	26.56 0.39 -20.11	21.92 0.27 -17.71	24.90 1.24 0.00	23.38 1.11 0.00	24.07 1.25 0.00	27.28 1.27 0.00	36.13 1.77 0.00	61.31 2.83 0.00	63.01 3.22 0.00	22.52 1.34 0.86	26.04 1.61 3.12	23.86 1.86 5.73	20.59 2.00 1.16	25.92 2.27 1.16	17.63 1.75 2.52	20.79 2.27 4.29	24.25 3.20 7.80	32.96 3.70 8.65	36.40 3.97 13.07	38.46 3.82 13.99	48.00 4.24 12.31	28.90 3.12 18.52	30.61 2.11 7.01	29.20 1.60 0.00
NORTHPORT___IC 23718	26.60 0.44 -20.11	21.94 0.29 -17.71	25.07 1.40 0.00	23.53 1.26 0.00	24.22 1.40 0.00	27.49 1.48 0.00	36.48 2.12 0.00	61.84 3.36 0.00	63.44 3.64 0.00	22.66 1.48 0.85	26.19 1.76 3.10	24.01 2.00 5.70	20.76 2.15 1.15	26.07 2.40 1.15	17.73 1.85 2.51	20.93 2.39 4.27	24.48 3.39 7.76	33.32 4.01 8.60	43.52 4.21 6.19	47.38 4.13 5.39	56.11 4.57 4.53	47.15 3.18 0.33	37.82 2.31 0.00	29.41 1.81 0.00
NORTH___COUNTRY_ESR 323785	-22.20 -0.38 27.87	-22.43 -0.22 26.15	-24.50 -1.28 46.88	-24.37 -1.23 45.41	-24.41 -1.25 45.98	16.89 -1.09 8.03	28.79 -1.35 4.21	56.68 -1.80 0.00	58.18 -1.62 0.00	20.31 -0.87 0.00	24.12 -1.16 0.00	24.16 -0.96 0.00	23.32 -0.99 0.00	23.95 -0.87 0.00	17.85 -0.54 0.00	22.15 -0.66 0.00	28.08 -0.77 0.00	37.47 -0.45 0.00	45.09 -0.40 0.00	48.44 -0.19 0.00	56.33 0.25 0.00	44.79 0.50 0.00	35.82 0.31 0.00	27.85 0.25 0.00
NPX_GEN_1385_PROXY 323591	26.57 0.40 -20.11	21.94 0.29 -17.71	25.06 1.40 0.00	23.53 1.26 0.00	24.22 1.40 0.00	27.49 1.48 0.00	36.57 2.21 0.00	61.64 3.16 0.00	62.84 3.05 0.00	22.47 1.29 0.85	25.96 1.53 3.10	23.78 1.77 5.70	20.55 1.93 1.15	25.94 2.27 1.15	17.69 1.81 2.51	20.87 2.33 4.27	24.31 3.22 7.76	33.13 3.82 8.60	43.32 4.02 6.19	47.12 3.88 5.39	56.03 4.49 4.53	47.09 3.12 0.33	37.77 2.26 0.00	29.30 1.70 0.00
NPX_GEN_CSC 323557	26.66 0.50 -20.11	21.97 0.32 -17.71	25.22 1.56 0.00	23.67 1.40 0.00	24.38 1.56 0.00	27.70 1.69 0.00	36.79 2.44 0.00	62.45 3.97 0.00	64.21 4.41 0.00	22.87 1.69 0.80	26.21 1.73 2.92	24.16 1.97 5.39	21.12 2.19 1.09	26.27 2.54 1.09	17.96 1.98 2.41	21.30 2.55 4.06	25.15 3.68 7.38	34.38 4.61 8.14	122.08 4.98 -71.61	145.30 4.82 -91.85	145.10 5.61 -83.42	252.86 4.17 -204.39	117.43 3.05 -78.87	29.92 2.31 0.00
NSINS_S___GLNS_FALLS 23858	31.56 0.33 -25.17	26.34 0.23 -22.17	24.99 1.32 0.00	23.50 1.24 0.00	24.24 1.42 0.00	27.64 1.62 0.00	36.48 2.12 0.00	61.98 3.50 0.00	62.96 3.16 0.00	22.00 0.82 0.00	26.09 0.81 0.00	25.94 0.82 0.00	25.07 0.75 0.00	25.62 0.80 0.00	19.03 0.63 0.00	23.56 0.75 0.00	29.66 0.81 0.00	39.05 1.13 0.00	47.12 1.62 0.00	50.21 1.58 0.00	58.07 2.00 0.00	45.79 1.49 0.00	36.84 1.33 0.00	29.09 1.49 0.00
NUCOR_STEEL___DRP 24197	8.66 -0.01 -2.62	6.24 -0.02 -2.31	23.53 -0.14 0.00	22.14 -0.13 0.00	22.70 -0.12 0.00	25.81 -0.20 0.00	34.13 -0.22 0.00	58.03 -0.44 0.00	59.36 -0.44 0.00	21.08 -0.10 0.00	25.14 -0.14 0.00	24.85 -0.27 0.00	24.02 -0.29 0.00	24.44 -0.38 0.00	18.10 -0.30 0.00	22.40 -0.41 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.71 -0.79 0.00	48.09 -0.54 0.00	55.39 -0.69 0.00	43.76 -0.54 0.00	34.99 -0.52 0.00	27.20 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	5.54 -0.34 0.17	3.25 -0.22 0.47	24.41 -1.37 -2.11	23.07 -1.24 -2.04	24.04 -0.84 -2.07	26.03 -0.34 -0.36	34.43 -0.12 -0.19	58.51 0.04 0.00	59.44 -0.36 0.00	20.89 -0.29 0.00	24.69 -0.60 0.00	24.32 -0.80 0.00	23.40 -0.92 0.00	23.83 -0.99 0.00	17.59 -0.80 0.00	21.75 -1.05 0.00	27.72 -1.13 0.00	36.88 -1.04 0.00	44.84 -0.65 0.00	48.81 0.18 0.00	56.82 0.75 0.00	44.93 0.63 0.00	35.90 0.39 0.00	27.79 0.19 0.00
NYISO_LBMP_REFERENCE 24008	6.05 0.00 0.00	3.95 0.00 0.00	23.67 0.00 0.00	22.27 0.00 0.00	22.82 0.00 0.00	26.01 0.00 0.00	34.36 0.00 0.00	58.48 0.00 0.00	59.79 0.00 0.00	21.18 0.00 0.00	25.28 0.00 0.00	25.12 0.00 0.00	24.31 0.00 0.00	24.82 0.00 0.00	18.40 0.00 0.00	22.81 0.00 0.00	28.85 0.00 0.00	37.91 0.00 0.00	45.49 0.00 0.00	48.63 0.00 0.00	56.08 0.00 0.00	44.30 0.00 0.00	35.51 0.00 0.00	27.60 0.00 0.00

NYPA_BRENTWD____GT 24164	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.60 0.00	23.71 1.45 0.00	24.41 1.60 0.00	27.73 1.72 0.00	36.82 2.47 0.00	62.52 4.05 0.00	64.21 4.42 0.00	22.87 1.69 0.00	26.47 1.93 0.74	24.57 2.15 2.71	21.61 2.30 5.01	26.39 2.58 1.01	18.11 2.00 2.28	21.58 2.57 3.80	25.60 3.66 6.92	34.78 4.46 7.59	61.04 4.87 -10.69	68.87 4.82 -15.42	75.36 5.04 -14.25	90.38 3.86 -42.22	54.68 2.79 -16.38	29.73 2.13 0.00
NYPA_GOWANUS____GT5 24156	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.66 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
NYPA_GOWANUS____GT6 24157	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.69 0.00	23.84 1.58 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.57 4.09 0.00	64.19 4.39 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.25 1.76 -11.09	32.66 2.25 -7.61	43.16 3.01 -11.30	44.29 3.89 -2.48	49.73 4.23 0.00	52.77 4.14 0.00	60.61 4.54 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00
NYPA_HARLEM__RVR__GT1 24160	26.59 0.43 -20.11	21.93 0.28 -17.71	25.05 1.38 0.00	23.55 1.29 0.00	24.19 1.38 0.00	27.38 1.37 0.01	36.41 2.04 0.00	62.06 3.58 0.00	63.61 3.82 0.00	22.70 1.52 0.00	27.17 1.88 0.00	27.11 1.99 0.00	26.37 2.06 0.00	27.56 2.24 -0.49	28.92 1.43 -9.10	30.86 1.81 -6.25	40.56 2.44 -9.27	43.36 3.41 -2.04	49.28 3.78 0.00	52.26 3.63 0.00	60.02 3.95 0.00	47.11 2.81 0.00	37.89 2.37 0.00	29.32 1.72 0.00
NYPA_HARLEM__RVR__GT2 24161	26.59 0.43 -20.11	21.93 0.28 -17.71	25.05 1.38 0.00	23.55 1.29 0.00	24.19 1.38 0.00	27.38 1.37 0.01	36.41 2.04 0.00	62.06 3.58 0.00	63.61 3.82 0.00	22.70 1.52 0.00	27.17 1.88 0.00	27.11 1.99 0.00	26.37 2.06 0.00	27.56 2.24 -0.49	28.92 1.43 -9.10	30.86 1.81 -6.25	40.56 2.44 -9.27	43.36 3.41 -2.04	49.28 3.78 0.00	52.26 3.63 0.00	60.02 3.95 0.00	47.11 2.81 0.00	37.89 2.37 0.00	29.32 1.72 0.00
NYPA_KENT____GT 24152	26.64 0.48 -20.11	21.96 0.30 -17.71	25.30 1.63 0.00	23.79 1.52 0.00	24.43 1.61 0.00	27.67 1.67 0.00	36.70 2.34 0.00	62.52 4.05 0.00	64.10 4.31 0.00	22.94 1.76 0.00	27.45 2.16 0.00	27.36 2.24 0.00	26.65 2.33 0.00	27.92 2.50 -0.60	31.24 1.75 -11.09	32.64 2.22 -7.61	43.12 2.97 -11.30	44.22 3.83 -2.48	49.67 4.18 0.00	52.69 4.06 0.00	60.50 4.42 0.00	47.47 3.17 0.00	38.20 2.69 0.00	29.59 1.99 0.00
NYPA_POUCH1____GT 24155	26.63 0.47 -20.10	21.95 0.30 -17.71	25.35 1.69 0.00	23.85 1.59 0.00	24.50 1.68 0.00	27.74 1.73 0.00	36.72 2.36 0.00	62.38 3.90 0.00	63.98 4.18 0.00	22.91 1.73 0.00	27.41 2.13 0.00	27.32 2.19 0.00	26.61 2.30 0.00	27.88 2.46 -0.60	31.18 1.70 -11.09	32.59 2.17 -7.61	43.05 2.90 -11.30	44.14 3.75 -2.48	49.53 4.03 0.00	52.56 3.92 0.00	60.40 4.32 0.00	47.45 3.15 0.00	38.25 2.74 0.00	29.62 2.02 0.00
NYPA_VERNON____GT2 24162	26.63 0.47 -20.11	21.95 0.30 -17.71	25.23 1.57 0.00	23.73 1.47 0.00	24.38 1.56 0.00	27.60 1.59 0.00	36.64 2.28 0.00	62.46 3.98 0.00	64.03 4.24 0.00	22.90 1.72 0.00	27.41 2.13 0.00	27.33 2.21 0.00	26.61 2.30 0.00	27.89 2.47 -0.60	31.22 1.74 -11.09	32.61 2.20 -7.61	43.09 2.94 -11.30	44.16 3.77 -2.48	49.61 4.11 0.00	52.62 3.99 0.00	60.38 4.31 0.00	47.38 3.09 0.00	38.11 2.60 0.00	29.52 1.91 0.00
NYPA_VERNON____GT3 24163	26.63 0.47 -20.11	21.95 0.30 -17.71	25.23 1.57 0.00	23.73 1.47 0.00	24.38 1.56 0.00	27.60 1.59 0.00	36.64 2.28 0.00	62.46 3.98 0.00	64.03 4.24 0.00	22.90 1.72 0.00	27.41 2.13 0.00	27.33 2.21 0.00	26.61 2.30 0.00	27.89 2.47 -0.60	31.22 1.74 -11.09	32.61 2.20 -7.61	43.09 2.94 -11.30	44.16 3.77 -2.48	49.61 4.11 0.00	52.62 3.99 0.00	60.38 4.31 0.00	47.38 3.09 0.00	38.11 2.60 0.00	29.52 1.91 0.00
NYPA__ASTORIA_CC1 323568	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.53 0.00	27.56 1.55 0.00	36.58 2.22 0.00	62.36 3.88 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.17 1.68 -11.09	32.54 2.13 -7.61	43.00 2.85 -11.30	44.08 3.69 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.48 1.87 0.00
NYPA__ASTORIA_CC2 323569	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.53 0.00	27.56 1.55 0.00	36.58 2.22 0.00	62.36 3.88 0.00	63.92 4.12 0.00	22.87 1.68 0.00	27.37 2.08 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.84 2.42 -0.60	31.17 1.68 -11.09	32.54 2.13 -7.61	43.00 2.85 -11.30	44.08 3.69 -2.48	49.52 4.03 0.00	52.52 3.89 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.03 2.52 0.00	29.48 1.87 0.00
NYPA__HOLTSVILL 23794	26.63 0.47 -20.11	21.96 0.30 -17.71	25.16 1.50 0.00	23.62 1.35 0.00	24.31 1.50 0.00	27.62 1.60 0.00	36.66 2.30 0.00	62.23 3.75 0.00	63.92 4.13 0.00	22.79 1.61 0.00	26.26 1.78 0.81	24.19 2.01 2.94	21.07 2.18 5.42	26.19 2.46 1.09	17.89 1.91 2.42	21.21 2.47 4.08	24.97 3.54 7.42	34.04 4.32 8.19	119.87 4.68 -69.69	142.67 4.58 -89.46	142.46 5.12 -81.26	247.41 3.69 -199.41	115.12 2.66 -76.95	29.66 2.06 0.00
NYPA__HELLGATE_GT1 24158	26.59 0.43 -20.11	21.93 0.28 -17.71	25.05 1.38 0.00	23.55 1.29 0.00	24.20 1.38 0.00	27.38 1.37 0.00	36.41 2.04 0.00	62.06 3.58 0.00	63.61 3.82 0.00	22.70 1.52 0.00	27.17 1.88 0.00	27.11 1.99 0.00	26.37 2.06 0.00	27.56 2.24 -0.49	28.92 1.43 -9.10	30.86 1.81 -6.25	40.56 2.44 -9.27	43.36 3.41 -2.04	49.28 3.78 0.00	52.25 3.63 0.00	60.02 3.95 0.00	47.11 2.81 0.00	37.89 2.37 0.00	29.32 1.72 0.00
NYPA__HELLGATE_GT2 24159	26.59 0.43 -20.11	21.93 0.28 -17.71	25.05 1.38 0.00	23.55 1.29 0.00	24.20 1.38 0.00	27.38 1.37 0.00	36.41 2.04 0.00	62.06 3.58 0.00	63.61 3.82 0.00	22.70 1.52 0.00	27.17 1.88 0.00	27.11 1.99 0.00	26.37 2.06 0.00	27.56 2.24 -0.49	28.92 1.43 -9.10	30.86 1.81 -6.25	40.56 2.44 -9.27	43.36 3.41 -2.04	49.28 3.78 0.00	52.25 3.63 0.00	60.02 3.95 0.00	47.11 2.81 0.00	37.89 2.37 0.00	29.32 1.72 0.00
NYS_BARGE__HYD 23848	8.87 -0.42 -3.24	6.49 -0.31 -2.85	22.02 -1.64 0.00	20.78 -1.48 0.00	21.42 -1.40 0.00	24.46 -1.56 0.00	32.06 -2.30 0.00	53.57 -4.90 0.00	55.20 -4.60 0.00	20.04 -1.14 0.00	24.77 -0.52 0.00	24.38 -0.74 0.00	23.41 -0.91 0.00	23.60 -1.22 0.00	17.37 -1.02 0.00	21.41 -1.40 0.00	26.62 -2.23 0.00	34.55 -3.36 0.00	41.65 -3.84 0.00	45.39 -3.24 0.00	51.63 -4.45 0.00	41.41 -2.89 0.00	32.83 -2.68 0.00	25.77 -1.83 0.00

OAK ORCHARD___HYD 24046	8.53 -0.20 -2.68	6.12 -0.18 -2.36	22.76 -0.91 0.00	21.48 -0.78 0.00	22.11 -0.70 0.00	25.26 -0.76 0.00	33.22 -1.14 0.00	55.81 -2.67 0.00	57.29 -2.51 0.00	20.67 -0.50 0.00	25.29 0.01 0.00	24.97 -0.15 0.00	24.00 -0.31 0.00	24.28 -0.54 0.00	17.86 -0.53 0.00	22.07 -0.74 0.00	27.60 -1.25 0.00	36.03 -1.88 0.00	43.48 -2.02 0.00	47.16 -1.47 0.00	53.86 -2.22 0.00	42.98 -1.31 0.00	34.10 -1.41 0.00	26.67 -0.93 0.00
OAKDALE___35_KV_LOAD 356122	12.65 0.02 -6.58	9.73 0.00 -5.79	23.62 -0.05 0.00	22.24 -0.03 0.00	22.81 -0.01 0.00	25.95 -0.06 0.00	34.30 -0.06 0.00	58.28 -0.20 0.00	59.71 -0.09 0.00	21.28 0.10 0.00	25.50 0.22 0.00	25.25 0.13 0.00	24.51 0.19 0.00	24.93 0.11 0.00	18.48 0.08 0.00	22.84 0.03 0.00	28.89 0.04 0.00	37.91 0.00 0.00	45.51 0.02 0.00	48.86 0.23 0.00	56.06 -0.02 0.00	44.32 0.03 0.00	35.42 -0.09 0.00	27.56 -0.04 0.00
OCC_CHEM___DRP 24175	8.89 -0.48 -3.32	6.50 -0.36 -2.92	21.74 -1.93 0.00	20.54 -1.73 0.00	21.15 -1.66 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.84 -5.63 0.00	54.55 -5.24 0.00	19.80 -1.38 0.00	24.52 -0.77 0.00	24.15 -0.97 0.00	23.20 -1.12 0.00	23.40 -1.41 0.00	17.20 -1.19 0.00	21.23 -1.57 0.00	26.41 -2.45 0.00	34.21 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.81 -5.26 0.00	40.78 -3.51 0.00	32.37 -3.15 0.00	25.42 -2.19 0.00
OH_GEN_PROXY 24063	8.92 -0.41 -3.28	6.51 -0.32 -2.89	22.00 -1.66 0.00	20.78 -1.49 0.00	21.39 -1.43 0.00	24.40 -1.61 0.00	31.99 -2.37 0.00	53.50 -4.98 0.00	55.11 -4.69 0.00	20.01 -1.18 0.00	24.70 -0.59 0.00	24.38 -0.74 0.00	23.42 -0.90 0.00	23.63 -1.19 0.00	17.39 -1.01 0.00	21.45 -1.36 0.00	26.70 -2.15 0.00	34.66 -3.25 0.00	41.64 -3.86 0.00	45.22 -3.41 0.00	51.44 -4.64 0.00	41.25 -3.05 0.00	32.71 -2.80 0.00	25.69 -1.92 0.00
OLIN_CORP_DRP 24177	8.90 -0.50 -3.34	6.54 -0.35 -2.94	21.73 -1.93 0.00	20.51 -1.76 0.00	21.14 -1.68 0.00	24.13 -1.88 0.00	31.61 -2.75 0.00	52.80 -5.68 0.00	54.51 -5.28 0.00	19.78 -1.40 0.00	24.47 -0.81 0.00	24.08 -1.04 0.00	23.15 -1.16 0.00	23.34 -1.47 0.00	17.18 -1.22 0.00	21.17 -1.64 0.00	26.33 -2.52 0.00	34.13 -3.78 0.00	41.08 -4.42 0.00	44.69 -3.94 0.00	50.81 -5.27 0.00	40.78 -3.52 0.00	32.37 -3.15 0.00	25.42 -2.18 0.00
OLIN_CORP_DSASP 323712	8.89 -0.48 -3.32	6.51 -0.36 -2.92	21.76 -1.90 0.00	20.55 -1.71 0.00	21.17 -1.65 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.82 -5.66 0.00	54.47 -5.33 0.00	19.81 -1.38 0.00	24.52 -0.77 0.00	24.17 -0.95 0.00	23.20 -1.12 0.00	23.38 -1.43 0.00	17.21 -1.18 0.00	21.24 -1.57 0.00	26.40 -2.45 0.00	34.22 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.82 -5.26 0.00	40.79 -3.51 0.00	32.35 -3.16 0.00	25.41 -2.19 0.00
ONEIDA_HERK_LFGE 323681	6.67 -0.06 -0.67	4.41 -0.04 -0.51	24.37 -0.29 -1.00	22.98 -0.26 -0.97	23.73 -0.06 -0.98	26.38 0.20 -0.17	34.88 0.43 -0.09	59.33 0.85 0.00	60.48 0.69 0.00	21.36 0.18 0.00	25.32 0.04 0.00	25.00 -0.12 0.00	24.12 -0.19 0.00	24.57 -0.24 0.00	18.18 -0.21 0.00	22.52 -0.29 0.00	28.63 -0.22 0.00	37.89 -0.03 0.00	45.89 0.39 0.00	49.50 0.87 0.00	57.31 1.23 0.00	45.24 0.94 0.00	36.18 0.66 0.00	28.05 0.45 0.00
ONEIDA___115KV_TB4 55905	7.45 0.09 -1.30	5.14 0.04 -1.15	23.90 0.23 0.00	22.48 0.21 0.00	23.14 0.32 0.00	26.46 0.45 0.00	35.05 0.69 0.00	59.68 1.20 0.00	60.93 1.13 0.00	21.60 0.42 0.00	25.64 0.36 0.00	25.31 0.19 0.00	24.43 0.11 0.00	24.88 0.07 0.00	18.43 0.03 0.00	22.83 0.02 0.00	28.96 0.12 0.00	38.22 0.31 0.00	46.24 0.74 0.00	49.78 1.14 0.00	57.51 1.44 0.00	45.36 1.06 0.00	36.26 0.75 0.00	28.14 0.54 0.00
ONONDAGA_REF_OCCRA 23987	8.41 -0.02 -2.37	6.01 -0.02 -2.09	23.49 -0.17 0.00	22.10 -0.17 0.00	22.65 -0.17 0.00	25.75 -0.26 0.00	34.06 -0.29 0.00	57.98 -0.49 0.00	59.26 -0.53 0.00	21.09 -0.09 0.00	25.14 -0.15 0.00	24.88 -0.24 0.00	24.07 -0.24 0.00	24.53 -0.29 0.00	18.18 -0.21 0.00	22.50 -0.30 0.00	28.42 -0.43 0.00	37.30 -0.61 0.00	44.90 -0.60 0.00	48.14 -0.50 0.00	55.47 -0.61 0.00	43.76 -0.53 0.00	35.03 -0.48 0.00	27.22 -0.38 0.00
ONONDAGA___COGEN 23986	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.22 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.39 -0.42 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.85 0.00	43.57 -0.73 0.00	34.89 -0.62 0.00	27.12 -0.48 0.00
ONTARIO___LFGE 23819	9.01 -0.10 -3.05	6.54 -0.09 -2.69	23.19 -0.47 0.00	21.89 -0.37 0.00	22.50 -0.31 0.00	25.67 -0.34 0.00	33.92 -0.44 0.00	57.17 -1.31 0.00	58.58 -1.21 0.00	21.01 -0.17 0.00	25.36 0.08 0.00	25.02 -0.10 0.00	24.13 -0.18 0.00	24.46 -0.36 0.00	18.07 -0.33 0.00	22.32 -0.49 0.00	28.12 -0.74 0.00	36.87 -1.05 0.00	44.52 -0.97 0.00	48.09 -0.54 0.00	55.06 -1.01 0.00	43.90 -0.40 0.00	35.02 -0.49 0.00	27.26 -0.34 0.00
ORANGEVILLE_WT_PWR 323706	9.69 -0.37 -4.01	7.20 -0.28 -3.53	22.32 -1.35 0.00	21.09 -1.17 0.00	21.76 -1.06 0.00	24.73 -1.28 0.00	32.56 -1.80 0.00	54.84 -3.64 0.00	56.53 -3.27 0.00	20.32 -0.87 0.00	24.89 -0.39 0.00	24.55 -0.57 0.00	23.72 -0.59 0.00	23.93 -0.89 0.00	17.63 -0.77 0.00	21.75 -1.06 0.00	27.26 -1.59 0.00	35.56 -2.36 0.00	43.04 -2.46 0.00	46.88 -1.75 0.00	53.45 -2.62 0.00	42.66 -1.64 0.00	33.81 -1.70 0.00	26.45 -1.15 0.00
ORANGEVILLE___ESR 323794	9.69 -0.37 -4.01	7.20 -0.28 -3.53	22.32 -1.35 0.00	21.09 -1.17 0.00	21.76 -1.06 0.00	24.73 -1.28 0.00	32.56 -1.80 0.00	54.84 -3.64 0.00	56.53 -3.27 0.00	20.32 -0.87 0.00	24.89 -0.39 0.00	24.55 -0.57 0.00	23.72 -0.59 0.00	23.93 -0.89 0.00	17.63 -0.77 0.00	21.75 -1.06 0.00	27.26 -1.59 0.00	35.56 -2.36 0.00	43.04 -2.46 0.00	46.88 -1.75 0.00	53.45 -2.62 0.00	42.66 -1.64 0.00	33.81 -1.70 0.00	26.45 -1.15 0.00
OSWEGATCHIE___HYD 24044	3.23 -0.42 2.41	0.69 -0.26 3.00	26.91 -1.56 -4.80	25.45 -1.46 -4.65	26.29 -1.24 -4.71	25.88 -0.95 -0.82	33.81 -0.98 -0.43	57.04 -1.44 0.00	57.98 -1.82 0.00	20.29 -0.89 0.00	24.04 -1.24 0.00	23.77 -1.35 0.00	22.89 -1.42 0.00	23.42 -1.40 0.00	17.34 -1.05 0.00	21.42 -1.39 0.00	27.14 -1.71 0.00	36.13 -1.78 0.00	43.61 -1.88 0.00	47.34 -1.30 0.00	55.14 -0.93 0.00	43.90 -0.40 0.00	35.04 -0.47 0.00	27.10 -0.50 0.00
OSWEGO___5 23606	7.46 -0.13 -1.53	5.20 -0.09 -1.35	23.12 -0.55 0.00	21.76 -0.51 0.00	22.28 -0.54 0.00	25.33 -0.68 0.00	33.46 -0.90 0.00	56.93 -1.54 0.00	58.20 -1.60 0.00	20.67 -0.51 0.00	24.64 -0.64 0.00	24.44 -0.68 0.00	23.65 -0.66 0.00	24.12 -0.70 0.00	17.87 -0.52 0.00	22.13 -0.68 0.00	27.91 -0.94 0.00	36.61 -1.31 0.00	44.00 -1.49 0.00	47.12 -1.52 0.00	54.31 -1.77 0.00	42.86 -1.44 0.00	34.36 -1.15 0.00	26.73 -0.87 0.00

OSWEGO___6 23613	7.46 -0.13 -1.53	5.20 -0.09 -1.35	23.12 -0.55 0.00	21.76 -0.51 0.00	22.28 -0.54 0.00	25.33 -0.68 0.00	33.46 -0.90 0.00	56.93 -1.54 0.00	58.20 -1.60 0.00	20.67 -0.51 0.00	24.64 -0.64 0.00	24.44 -0.68 0.00	23.65 -0.66 0.00	24.12 -0.70 0.00	17.87 -0.52 0.00	22.13 -0.68 0.00	27.91 -0.94 0.00	36.61 -1.31 0.00	44.00 -1.49 0.00	47.12 -1.52 0.00	54.31 -1.77 0.00	42.86 -1.44 0.00	34.36 -1.15 0.00	26.73 -0.87 0.00
OUTOKUMPU-AB___DRP 24206	9.06 -0.37 -3.38	6.63 -0.29 -2.97	22.17 -1.50 0.00	20.94 -1.33 0.00	21.57 -1.25 0.00	24.63 -1.38 0.00	32.32 -2.04 0.00	54.10 -4.38 0.00	55.85 -3.94 0.00	20.26 -0.92 0.00	25.02 -0.27 0.00	24.63 -0.50 0.00	23.67 -0.64 0.00	23.91 -0.92 0.00	17.56 -0.83 0.00	21.67 -1.14 0.00	26.96 -1.89 0.00	35.00 -2.91 0.00	42.14 -3.36 0.00	45.85 -2.79 0.00	52.15 -3.92 0.00	41.80 -2.50 0.00	33.14 -2.37 0.00	25.99 -1.61 0.00
OXBOW___BTM 323836	8.97 -0.43 -3.35	6.57 -0.33 -2.95	21.96 -1.71 0.00	20.73 -1.54 0.00	21.36 -1.46 0.00	24.36 -1.64 0.00	31.95 -2.41 0.00	53.40 -5.08 0.00	55.08 -4.72 0.00	20.02 -1.17 0.00	24.75 -0.53 0.00	24.39 -0.73 0.00	23.41 -0.90 0.00	23.62 -1.20 0.00	17.38 -1.02 0.00	21.44 -1.37 0.00	26.66 -2.19 0.00	34.59 -3.33 0.00	41.61 -3.88 0.00	45.26 -3.37 0.00	51.46 -4.61 0.00	41.28 -3.02 0.00	32.73 -2.78 0.00	25.69 -1.91 0.00
OXBOW____ 24026	8.97 -0.43 -3.35	6.56 -0.33 -2.95	21.93 -1.73 0.00	20.71 -1.55 0.00	21.34 -1.48 0.00	24.36 -1.64 0.00	31.95 -2.41 0.00	53.43 -5.05 0.00	55.16 -4.63 0.00	20.02 -1.17 0.00	24.75 -0.53 0.00	24.37 -0.75 0.00	23.42 -0.90 0.00	23.64 -1.18 0.00	17.37 -1.03 0.00	21.44 -1.37 0.00	26.67 -2.18 0.00	34.59 -3.33 0.00	41.61 -3.89 0.00	45.26 -3.38 0.00	51.46 -4.62 0.00	41.27 -3.02 0.00	32.74 -2.77 0.00	25.69 -1.91 0.00
OXY_CHEM_DSASP 323612	8.89 -0.48 -3.32	6.50 -0.36 -2.92	21.74 -1.93 0.00	20.54 -1.73 0.00	21.15 -1.66 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.84 -5.63 0.00	54.55 -5.24 0.00	19.80 -1.38 0.00	24.52 -0.77 0.00	24.15 -0.97 0.00	23.20 -1.12 0.00	23.40 -1.41 0.00	17.20 -1.19 0.00	21.23 -1.57 0.00	26.41 -2.45 0.00	34.21 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.81 -5.26 0.00	40.78 -3.51 0.00	32.37 -3.15 0.00	25.42 -2.19 0.00
OZONE_PARK_ESR 323760	26.67 0.50 -20.10	21.97 0.32 -17.71	25.33 1.67 0.00	23.83 1.57 0.00	24.49 1.67 0.00	27.73 1.72 0.00	36.84 2.48 0.00	62.81 4.33 0.00	64.41 4.61 0.00	23.00 1.82 0.00	27.53 2.25 0.00	27.45 2.33 0.00	26.72 2.41 0.00	27.88 2.57 -0.49	29.37 1.88 -9.09	31.44 2.39 -6.24	41.31 3.20 -9.27	43.97 4.03 -2.03	49.93 4.44 0.00	53.00 4.37 0.00	60.83 4.75 0.00	47.73 3.43 0.00	38.33 2.82 0.00	29.67 2.07 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	8.89 -0.48 -3.32	6.50 -0.36 -2.92	21.74 -1.93 0.00	20.54 -1.73 0.00	21.15 -1.66 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.84 -5.63 0.00	54.55 -5.24 0.00	19.80 -1.38 0.00	24.52 -0.77 0.00	24.15 -0.97 0.00	23.20 -1.12 0.00	23.40 -1.41 0.00	17.20 -1.19 0.00	21.23 -1.57 0.00	26.41 -2.45 0.00	34.21 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.81 -5.26 0.00	40.78 -3.51 0.00	32.37 -3.15 0.00	25.42 -2.19 0.00
PACKARD___115KV_DUPONT_184 80571	8.89 -0.48 -3.32	6.50 -0.36 -2.92	21.74 -1.93 0.00	20.54 -1.73 0.00	21.15 -1.66 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.84 -5.63 0.00	54.55 -5.24 0.00	19.80 -1.38 0.00	24.52 -0.77 0.00	24.15 -0.97 0.00	23.20 -1.12 0.00	23.40 -1.41 0.00	17.20 -1.19 0.00	21.23 -1.57 0.00	26.41 -2.45 0.00	34.21 -3.70 0.00	41.12 -4.37 0.00	44.70 -3.93 0.00	50.81 -5.26 0.00	40.78 -3.51 0.00	32.37 -3.15 0.00	25.42 -2.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.60 0.43 -20.11	21.93 0.28 -17.71	25.10 1.43 0.00	23.60 1.34 0.00	24.25 1.43 0.00	27.47 1.45 0.00	36.49 2.13 0.00	62.18 3.70 0.00	63.77 3.97 0.00	22.76 1.58 0.00	27.23 1.95 0.00	27.16 2.04 0.00	26.42 2.11 0.00	27.59 2.28 -0.49	29.10 1.61 -9.10	31.09 2.04 -6.25	40.87 2.75 -9.27	43.49 3.54 -2.04	49.37 3.87 0.00	52.33 3.70 0.00	60.11 4.04 0.00	47.18 2.88 0.00	37.93 2.42 0.00	29.35 1.75 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.71 0.55 -20.11	22.01 0.36 -17.71	25.60 1.94 0.00	24.24 1.97 0.00	24.93 2.11 0.00	28.30 2.28 0.00	37.32 2.96 0.00	63.73 5.25 0.00	65.31 5.51 0.00	23.25 2.07 0.00	27.70 2.41 0.00	27.60 2.48 0.00	26.84 2.52 0.00	27.98 2.67 -0.49	29.41 1.92 -9.10	31.50 2.44 -6.25	41.40 3.28 -9.27	44.18 4.23 -2.04	50.18 4.68 0.00	53.24 4.61 0.00	61.16 5.09 0.00	48.00 3.70 0.00	38.56 3.05 0.00	29.83 2.23 0.00
PATROON___115KV_TB1 80586	30.90 0.21 -24.64	25.78 0.13 -21.70	24.36 0.69 0.00	22.91 0.65 0.00	23.54 0.73 0.00	26.70 0.69 0.00	35.14 0.78 0.00	59.88 1.40 0.00	61.21 1.41 0.00	21.61 0.42 0.00	25.71 0.43 0.00	25.61 0.49 0.00	24.79 0.48 0.00	25.35 0.53 0.00	18.80 0.41 0.00	23.39 0.58 0.00	29.72 0.87 0.00	38.99 1.08 0.00	46.86 1.37 0.00	49.89 1.26 0.00	57.52 1.45 0.00	45.32 1.02 0.00	36.40 0.88 0.00	28.27 0.67 0.00
PATTRSNVILLE___SOLAR 323815	33.47 0.32 -27.09	28.01 0.20 -23.86	24.85 1.18 0.00	23.37 1.10 0.00	24.02 1.20 0.00	27.42 1.41 0.00	36.34 1.98 0.00	61.64 3.16 0.00	62.70 2.90 0.00	21.55 0.37 0.00	25.38 0.10 0.00	25.14 0.02 0.00	24.32 0.01 0.00	24.79 -0.03 0.00	18.34 -0.05 0.00	22.75 -0.06 0.00	28.94 0.09 0.00	38.46 0.54 0.00	47.01 1.52 0.00	51.33 2.70 0.00	59.53 3.46 0.00	47.03 2.74 0.00	37.63 2.12 0.00	29.16 1.56 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	9.40 -0.31 -3.66	6.91 -0.26 -3.22	22.42 -1.24 0.00	21.18 -1.09 0.00	21.81 -1.00 0.00	24.90 -1.12 0.00	32.71 -1.65 0.00	54.94 -3.53 0.00	56.68 -3.11 0.00	20.51 -0.67 0.00	25.23 -0.06 0.00	24.87 -0.25 0.00	24.00 -0.32 0.00	24.22 -0.60 0.00	17.81 -0.59 0.00	21.93 -0.88 0.00	27.42 -1.43 0.00	35.65 -2.26 0.00	42.88 -2.62 0.00	46.55 -2.08 0.00	52.98 -3.10 0.00	42.38 -1.92 0.00	33.58 -1.93 0.00	26.31 -1.29 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	26.80 0.44 -20.31	22.11 0.28 -17.89	25.13 1.46 0.00	23.63 1.37 0.00	24.28 1.47 0.00	27.54 1.52 0.00	36.51 2.15 0.00	62.21 3.73 0.00	63.70 3.91 0.00	22.65 1.47 0.00	27.06 1.78 0.00	26.96 1.84 0.00	26.22 1.91 0.00	26.87 2.05 0.00	19.92 1.53 0.00	24.78 1.97 0.00	31.51 2.66 0.00	41.33 3.42 0.00	49.38 3.89 0.00	52.49 3.86 0.00	60.29 4.22 0.00	47.35 3.05 0.00	37.95 2.44 0.00	29.39 1.78 0.00
PEEKSKILL____ 23653	26.31 0.39 -19.86	21.68 0.25 -17.49	24.93 1.27 0.00	23.45 1.19 0.00	24.09 1.27 0.00	27.30 1.29 0.00	36.21 1.85 0.00	61.68 3.20 0.00	63.17 3.38 0.00	22.51 1.33 0.00	26.91 1.62 0.00	26.80 1.68 0.00	26.10 1.79 0.00	26.77 1.93 -0.01	20.09 1.45 -0.25	24.82 1.85 -0.17	31.61 2.50 -0.26	41.10 3.13 -0.06	48.96 3.47 0.00	52.03 3.40 0.00	59.75 3.68 0.00	46.92 2.62 0.00	37.67 2.16 0.00	29.18 1.58 0.00

PGE MADISON___WINDPWR 24146	12.48 0.09 -6.34	9.57 0.05 -5.58	23.59 -0.07 0.00	22.18 -0.09 0.00	22.82 0.00 0.00	26.38 0.36 0.00	35.11 0.75 0.00	61.71 3.23 0.00	63.39 3.59 0.00	22.59 1.40 0.00	26.34 1.06 0.00	25.89 0.77 0.00	24.99 0.68 0.00	25.25 0.43 0.00	18.70 0.30 0.00	23.07 0.26 0.00	29.64 0.79 0.00	39.92 2.01 0.00	49.18 3.69 0.00	54.71 6.08 0.00	63.56 7.48 0.00	49.84 5.54 0.00	39.68 4.17 0.00	30.63 3.03 0.00
PIERCEFIELD___HYD 23852	1.36 -0.36 4.32	-1.41 -0.22 5.14	29.51 -1.23 -7.07	27.93 -1.18 -6.84	28.64 -1.11 -6.93	26.28 -0.95 -1.21	33.93 -1.06 -0.63	56.93 -1.54 0.00	58.01 -1.79 0.00	20.31 -0.88 0.00	24.15 -1.14 0.00	23.98 -1.14 0.00	23.11 -1.20 0.00	23.74 -1.07 0.00	17.64 -0.76 0.00	21.74 -1.06 0.00	27.42 -1.43 0.00	36.50 -1.42 0.00	43.66 -1.83 0.00	47.11 -1.52 0.00	54.82 -1.26 0.00	43.95 -0.35 0.00	35.02 -0.49 0.00	27.09 -0.51 0.00
PINELAWN_CC_1 323563	26.62 0.46 -20.11	21.95 0.30 -17.71	25.09 1.43 0.00	23.56 1.29 0.00	24.26 1.44 0.00	27.54 1.53 0.00	36.57 2.21 0.00	62.11 3.64 0.00	63.80 4.00 0.00	22.72 1.54 0.00	26.61 1.77 0.44	25.49 1.99 1.62	23.31 2.13 3.14	26.58 2.37 0.61	18.59 1.84 1.65	22.52 2.25 2.53	27.63 3.39 4.62	37.16 4.10 4.85	51.66 4.51 -1.66	56.36 4.47 -3.26	64.08 4.86 -3.14	60.82 3.57 -12.94	43.11 2.54 -5.05	29.53 1.93 0.00
PJM_GEN_HTP_PROXY 323702	26.61 0.45 -20.10	21.93 0.28 -17.71	25.14 1.47 0.00	23.65 1.38 0.00	24.29 1.47 0.00	27.51 1.50 0.00	36.51 2.15 0.00	62.21 3.74 0.00	63.77 3.98 0.00	22.78 1.60 0.00	26.80 2.00 0.48	27.19 2.08 0.00	26.49 2.17 0.00	27.52 2.33 -0.37	26.99 1.72 -6.87	29.70 2.18 -4.72	38.78 2.93 -7.00	43.15 3.64 -1.60	49.46 3.96 0.00	52.48 3.85 0.00	60.23 4.16 0.00	47.25 2.95 0.00	37.98 2.47 0.00	29.42 1.82 0.00
PJM_GEN_KEystone 24065	18.60 0.09 -12.46	14.95 0.03 -10.97	23.81 0.15 0.00	22.44 0.17 0.00	23.06 0.24 0.00	26.19 0.18 0.00	34.60 0.24 0.00	58.59 0.12 0.00	60.10 0.31 0.00	21.57 0.39 0.00	25.58 0.78 0.48	25.88 0.76 0.00	25.18 0.87 0.00	25.69 0.84 -0.04	19.62 0.59 -0.64	23.91 0.67 -0.44	30.35 0.85 -0.65	38.95 0.84 -0.20	46.29 0.79 0.00	49.54 0.91 0.00	56.67 0.60 0.00	44.80 0.50 0.00	35.79 0.28 0.00	27.86 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.56 0.39 -20.11	21.91 0.26 -17.71	24.89 1.22 0.00	23.38 1.11 0.00	24.06 1.24 0.00	27.30 1.29 0.00	36.22 1.86 0.00	61.51 3.03 0.00	63.12 3.32 0.00	22.52 1.34 0.00	25.38 1.63 1.53	23.18 1.89 3.83	19.39 2.02 6.95	25.65 2.24 1.42	17.19 1.73 2.93	19.91 2.22 5.11	22.66 3.11 9.29	31.22 3.68 10.37	41.91 3.99 7.57	45.96 3.88 6.56	54.84 4.28 5.52	46.92 3.02 0.40	37.63 2.12 0.00	29.21 1.61 0.00
PJM_GEN_VFT_PROXY 323633	26.60 0.44 -20.10	21.93 0.27 -17.71	25.05 1.38 0.00	23.57 1.31 0.00	24.20 1.38 0.00	27.40 1.39 0.00	36.40 2.04 0.00	61.99 3.52 0.00	63.54 3.75 0.00	22.72 1.54 0.00	26.72 1.92 0.48	27.11 1.99 0.00	26.42 2.10 0.00	27.58 2.26 -0.49	29.17 1.68 -9.09	31.18 2.14 -6.24	40.99 2.87 -9.27	43.55 3.54 -2.09	49.36 3.87 0.00	52.35 3.71 0.00	60.07 4.00 0.00	47.10 2.80 0.00	37.87 2.36 0.00	29.32 1.72 0.00
PLATSBURG_115KV_PMLD1 355749	-21.09 -0.30 26.84	-21.52 -0.19 25.27	-21.28 -1.06 43.89	-21.27 -1.03 42.51	-21.24 -1.01 43.04	17.73 -0.77 7.52	29.43 -0.99 3.94	57.16 -1.32 0.00	58.63 -1.17 0.00	20.49 -0.69 0.00	24.35 -0.94 0.00	24.37 -0.74 0.00	23.54 -0.77 0.00	24.17 -0.65 0.00	18.02 -0.37 0.00	22.39 -0.42 0.00	28.40 -0.44 0.00	37.95 0.04 0.00	45.71 0.22 0.00	48.99 0.35 0.00	57.08 1.00 0.00	45.28 0.98 0.00	36.18 0.67 0.00	28.18 0.58 0.00
PLEASANTVLY___LBMP 24000	27.37 0.36 -20.96	22.63 0.23 -18.45	24.87 1.20 0.00	23.40 1.13 0.00	24.04 1.22 0.00	27.23 1.22 0.00	36.05 1.69 0.00	61.42 2.94 0.00	62.88 3.09 0.00	22.36 1.18 0.00	26.71 1.43 0.00	26.61 1.49 0.00	25.87 1.56 0.00	26.49 1.67 0.00	19.65 1.25 0.00	24.42 1.61 0.00	31.03 2.18 0.00	40.68 2.77 0.00	48.59 3.09 0.00	51.65 3.01 0.00	59.34 3.27 0.00	46.64 2.35 0.00	37.45 1.94 0.00	29.04 1.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.72 0.41 -20.25	22.05 0.26 -17.84	25.03 1.36 0.00	23.54 1.27 0.00	24.18 1.36 0.00	27.40 1.39 0.00	36.32 1.96 0.00	61.90 3.43 0.00	63.42 3.63 0.00	22.60 1.42 0.00	27.01 1.73 0.00	26.92 1.80 0.00	26.20 1.89 0.00	26.81 2.02 0.03	19.41 1.50 0.49	24.40 1.92 0.33	30.95 2.59 0.49	41.08 3.28 0.11	49.14 3.64 0.00	52.20 3.57 0.00	59.93 3.86 0.00	47.06 2.76 0.00	37.77 2.26 0.00	29.27 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.72 0.41 -20.25	22.05 0.26 -17.84	25.03 1.36 0.00	23.54 1.27 0.00	24.18 1.36 0.00	27.40 1.39 0.00	36.32 1.96 0.00	61.90 3.43 0.00	63.42 3.63 0.00	22.60 1.42 0.00	27.01 1.73 0.00	26.92 1.80 0.00	26.20 1.89 0.00	26.81 2.02 0.03	19.41 1.50 0.49	24.40 1.92 0.33	30.95 2.59 0.49	41.08 3.28 0.11	49.14 3.64 0.00	52.20 3.57 0.00	59.93 3.86 0.00	47.06 2.76 0.00	37.77 2.26 0.00	29.27 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.87 0.41 -20.40	22.18 0.26 -17.97	25.05 1.39 0.00	23.57 1.31 0.00	24.21 1.40 0.00	27.45 1.44 0.00	36.37 2.01 0.00	61.96 3.48 0.00	63.39 3.60 0.00	22.51 1.33 0.00	26.85 1.57 0.00	26.74 1.62 0.00	25.98 1.67 0.00	26.60 1.78 0.00	19.74 1.34 0.00	24.55 1.75 0.00	31.22 2.37 0.00	41.01 3.10 0.00	49.08 3.59 0.00	52.22 3.59 0.00	60.01 3.93 0.00	47.15 2.85 0.00	37.80 2.29 0.00	29.29 1.69 0.00
POLETTI___ 23519	26.60 0.44 -20.10	21.93 0.28 -17.71	25.15 1.48 0.00	23.65 1.39 0.00	24.29 1.47 0.00	27.48 1.47 0.00	36.48 2.12 0.00	62.19 3.71 0.00	63.76 3.97 0.00	22.78 1.60 0.00	27.30 2.02 0.00	27.22 2.10 0.00	26.51 2.20 0.00	27.67 2.35 -0.49	29.21 1.72 -9.09	31.22 2.18 -6.24	41.01 2.90 -9.27	43.57 3.62 -2.03	49.45 3.96 0.00	52.46 3.83 0.00	60.22 4.14 0.00	47.23 2.93 0.00	37.97 2.46 0.00	29.41 1.81 0.00
POMONA___ESR 323819	25.92 0.40 -19.47	21.34 0.25 -17.14	24.96 1.29 0.00	23.48 1.21 0.00	24.11 1.29 0.00	27.34 1.33 0.00	36.25 1.90 0.00	61.75 3.27 0.00	63.25 3.45 0.00	22.53 1.35 0.00	26.94 1.66 0.00	26.83 1.72 0.00	26.15 1.84 0.00	26.80 1.99 0.00	19.89 1.49 0.00	24.70 1.89 0.00	31.43 2.58 0.00	41.11 3.20 0.00	49.05 3.55 0.00	52.10 3.47 0.00	59.83 3.76 0.00	46.97 2.68 0.00	37.70 2.19 0.00	29.20 1.60 0.00
PORT_JEFF_3 23555	26.65 0.49 -20.11	21.97 0.32 -17.71	25.23 1.57 0.00	23.68 1.42 0.00	24.39 1.57 0.00	27.70 1.69 0.00	36.78 2.42 0.00	62.42 3.94 0.00	64.16 4.36 0.00	22.86 1.68 0.00	26.32 1.84 0.80	24.28 2.08 2.92	21.18 2.24 5.38	26.27 2.53 1.09	17.96 1.97 2.41	21.31 2.55 4.05	25.13 3.65 7.37	34.25 4.47 8.13	125.96 4.88 -75.59	150.22 4.77 -96.82	149.29 5.30 -87.92	263.01 3.83 -214.88	121.18 2.76 -82.91	29.76 2.16 0.00

PORT_JEFF_4 23616	26.65 0.49 -20.11	21.97 0.32 -17.71	25.23 1.57 0.00	23.68 1.42 0.00	24.39 1.57 0.00	27.70 1.69 0.00	36.78 2.42 0.00	62.42 3.94 0.00	64.16 4.36 0.00	22.86 1.68 0.00	26.32 1.84 0.80	24.28 2.08 2.92	21.18 2.24 5.38	26.27 2.53 1.09	17.96 1.97 2.41	21.31 2.55 4.05	25.13 3.65 7.37	34.25 4.47 8.13	125.96 4.88 -75.59	150.22 4.77 -96.82	149.29 5.30 -87.92	263.01 3.83 -214.88	121.18 2.76 -82.91	29.76 2.16 0.00
PORT_JEFF_IC 23713	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.59 0.00	23.70 1.44 0.00	24.41 1.59 0.00	27.72 1.71 0.00	36.81 2.45 0.00	62.48 4.01 0.00	64.22 4.42 0.00	22.88 1.70 0.00	26.36 1.87 0.79	24.33 2.09 2.88	21.26 2.26 5.31	26.30 2.55 1.07	17.97 1.96 2.38	21.36 2.55 4.01	25.24 3.68 7.29	34.40 4.53 8.04	136.88 4.96 -86.42	163.78 4.79 -110.36	161.54 5.30 -100.16	291.47 3.82 -243.35	132.13 2.74 -93.88	29.80 2.20 0.00
PPL_PILGRIM_ST_GT1 24216	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.60 0.00	23.71 1.45 0.00	24.41 1.60 0.00	27.73 1.72 0.00	36.82 2.47 0.00	62.52 4.05 0.00	64.21 4.42 0.00	22.87 1.69 0.00	26.47 1.93 0.74	24.57 2.15 2.71	21.61 2.30 5.01	26.39 2.58 1.01	18.11 2.00 2.28	21.58 2.57 3.80	25.60 3.66 6.92	34.78 4.46 7.59	61.04 4.87 -10.69	68.87 4.82 -15.42	75.36 5.04 -14.25	90.38 3.86 -42.22	54.68 2.79 -16.38	29.73 2.13 0.00
PPL_PILGRIM_ST_GT2 24217	26.66 0.50 -20.11	21.98 0.32 -17.71	25.26 1.60 0.00	23.71 1.45 0.00	24.41 1.60 0.00	27.73 1.72 0.00	36.82 2.47 0.00	62.52 4.05 0.00	64.21 4.42 0.00	22.87 1.69 0.00	26.47 1.93 0.74	24.57 2.15 2.71	21.61 2.30 5.01	26.39 2.58 1.01	18.11 2.00 2.28	21.58 2.57 3.80	25.60 3.66 6.92	34.78 4.46 7.59	61.04 4.87 -10.69	68.87 4.82 -15.42	75.36 5.04 -14.25	90.38 3.86 -42.22	54.68 2.79 -16.38	29.73 2.13 0.00
PPL_SHRM_GT3 24213	26.66 0.50 -20.11	21.97 0.32 -17.71	25.23 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.79 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.18 1.97 2.90	21.15 2.19 5.35	26.26 2.53 1.08	17.96 1.97 2.40	21.32 2.54 4.03	25.17 3.66 7.34	34.40 4.58 8.09	125.83 4.97 -75.37	150.01 4.84 -96.54	149.36 5.62 -87.67	262.71 4.17 -214.24	121.22 3.04 -82.66	29.91 2.31 0.00
PPL_SHRM_GT4 24214	26.66 0.50 -20.11	21.97 0.32 -17.71	25.23 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.79 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.18 1.97 2.90	21.15 2.19 5.35	26.26 2.53 1.08	17.96 1.97 2.40	21.32 2.54 4.03	25.17 3.66 7.34	34.40 4.58 8.09	125.83 4.97 -75.37	150.01 4.84 -96.54	149.36 5.62 -87.67	262.71 4.17 -214.24	121.22 3.04 -82.66	29.91 2.31 0.00
PROJECT___ORANGE 1 24174	7.99 -0.04 -1.98	5.65 -0.03 -1.74	23.40 -0.27 0.00	22.01 -0.26 0.00	22.54 -0.27 0.00	25.63 -0.38 0.00	33.89 -0.47 0.00	57.72 -0.76 0.00	59.00 -0.80 0.00	20.98 -0.20 0.00	25.00 -0.28 0.00	24.76 -0.36 0.00	23.96 -0.35 0.00	24.43 -0.39 0.00	18.11 -0.28 0.00	22.41 -0.40 0.00	28.29 -0.56 0.00	37.12 -0.79 0.00	44.66 -0.84 0.00	47.83 -0.80 0.00	55.11 -0.97 0.00	43.47 -0.83 0.00	34.81 -0.71 0.00	27.05 -0.55 0.00
PROJECT___ORANGE 2 24166	7.99 -0.04 -1.98	5.65 -0.03 -1.74	23.40 -0.27 0.00	22.01 -0.26 0.00	22.54 -0.27 0.00	25.63 -0.38 0.00	33.89 -0.47 0.00	57.72 -0.76 0.00	59.00 -0.80 0.00	20.98 -0.20 0.00	25.00 -0.28 0.00	24.76 -0.36 0.00	23.96 -0.35 0.00	24.43 -0.39 0.00	18.11 -0.28 0.00	22.41 -0.40 0.00	28.29 -0.56 0.00	37.12 -0.79 0.00	44.66 -0.84 0.00	47.83 -0.80 0.00	55.11 -0.97 0.00	43.47 -0.83 0.00	34.81 -0.71 0.00	27.05 -0.55 0.00
PUCKETT___SOLAR 323809	12.85 0.03 -6.77	9.91 0.01 -5.96	23.65 -0.02 0.00	22.24 -0.02 0.00	22.83 0.02 0.00	26.02 0.01 0.00	34.49 0.13 0.00	58.97 0.50 0.00	60.41 0.62 0.00	21.51 0.33 0.00	25.65 0.37 0.00	25.28 0.16 0.00	24.49 0.17 0.00	24.88 0.06 0.00	18.43 0.03 0.00	22.79 -0.02 0.00	28.93 0.07 0.00	38.24 0.33 0.00	46.28 0.79 0.00	50.01 1.38 0.00	57.55 1.48 0.00	45.37 1.08 0.00	36.26 0.75 0.00	28.14 0.54 0.00
PYRITES___HYD 24023	0.98 -0.22 4.85	-1.82 -0.12 5.64	29.37 -0.64 -6.34	27.78 -0.63 -6.14	28.47 -0.56 -6.21	26.79 -0.31 -1.09	34.72 -0.20 -0.57	58.36 -0.12 0.00	59.34 -0.46 0.00	20.68 -0.51 0.00	24.52 -0.76 0.00	24.31 -0.81 0.00	23.45 -0.86 0.00	24.04 -0.78 0.00	17.83 -0.56 0.00	22.03 -0.78 0.00	27.80 -1.05 0.00	37.01 -0.90 0.00	44.46 -1.04 0.00	48.11 -0.52 0.00	56.15 0.08 0.00	44.99 0.69 0.00	35.84 0.33 0.00	27.70 0.10 0.00
QUAKERRD_115KV_BK1 80622	8.36 -0.30 -2.60	6.00 -0.25 -2.29	22.36 -1.30 0.00	21.11 -1.16 0.00	21.73 -1.09 0.00	24.85 -1.17 0.00	32.69 -1.67 0.00	54.97 -3.51 0.00	56.47 -3.32 0.00	20.34 -0.84 0.00	24.83 -0.46 0.00	24.51 -0.61 0.00	23.56 -0.75 0.00	23.88 -0.94 0.00	17.55 -0.85 0.00	21.69 -1.12 0.00	27.17 -1.68 0.00	35.51 -2.41 0.00	42.85 -2.65 0.00	46.42 -2.22 0.00	53.03 -3.05 0.00	42.28 -2.02 0.00	33.58 -1.93 0.00	26.23 -1.37 0.00
QUENSBRY_115KV_TB8 356137	31.55 0.31 -25.18	26.35 0.23 -22.18	24.96 1.30 0.00	23.48 1.22 0.00	24.22 1.41 0.00	27.65 1.64 0.00	36.50 2.14 0.00	62.01 3.54 0.00	62.98 3.19 0.00	21.99 0.81 0.00	26.07 0.79 0.00	25.96 0.84 0.00	25.08 0.77 0.00	25.61 0.79 0.00	19.03 0.63 0.00	23.56 0.76 0.00	29.62 0.78 0.00	38.94 1.03 0.00	46.99 1.50 0.00	50.04 1.40 0.00	57.90 1.83 0.00	45.66 1.36 0.00	36.76 1.25 0.00	29.10 1.50 0.00
RAMAPO___LBMP 323565	25.77 0.37 -19.34	21.21 0.23 -17.03	24.84 1.18 0.00	23.37 1.10 0.00	24.01 1.19 0.00	27.22 1.21 0.00	36.09 1.73 0.00	61.46 2.98 0.00	62.93 3.13 0.00	22.42 1.24 0.00	26.80 1.52 0.00	26.70 1.58 0.00	26.01 1.69 0.00	26.66 1.84 0.00	19.77 1.38 0.00	24.56 1.75 0.00	31.23 2.38 0.00	40.88 2.97 0.00	48.78 3.29 0.00	51.85 3.22 0.00	59.55 3.48 0.00	46.76 2.46 0.00	37.53 2.02 0.00	29.08 1.48 0.00
RANKINE____ 23646	9.31 -0.33 -3.58	6.83 -0.27 -3.15	22.35 -1.31 0.00	21.12 -1.15 0.00	21.75 -1.06 0.00	24.83 -1.18 0.00	32.62 -1.74 0.00	54.72 -3.76 0.00	56.51 -3.29 0.00	20.46 -0.72 0.00	25.20 -0.08 0.00	24.82 -0.29 0.00	23.91 -0.40 0.00	24.13 -0.68 0.00	17.75 -0.64 0.00	21.87 -0.94 0.00	27.30 -1.55 0.00	35.50 -2.42 0.00	42.70 -2.80 0.00	46.39 -2.24 0.00	52.81 -3.27 0.00	42.27 -2.03 0.00	33.50 -2.01 0.00	26.24 -1.36 0.00
RAVENSWOOD_GT2_1 24244	26.61 0.45 -20.11	21.94 0.28 -17.71	25.16 1.50 0.00	23.67 1.40 0.00	24.31 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.78 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.18 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.03 3.64 -2.48	49.46 3.97 0.00	52.49 3.86 0.00	60.24 4.17 0.00	47.27 2.98 0.00	37.99 2.48 0.00	29.43 1.83 0.00

RAVENSWOOD_GT2_2 24245	26.61 0.45 -20.11	21.94 0.28 -17.71	25.16 1.50 0.00	23.67 1.40 0.00	24.31 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.78 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.18 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.03 3.64 -2.48	49.46 3.97 0.00	52.49 3.86 0.00	60.24 4.17 0.00	47.27 2.98 0.00	37.99 2.48 0.00	29.43 1.83 0.00
RAVENSWOOD_GT2_3 24246	26.62 0.46 -20.11	21.94 0.29 -17.71	25.17 1.50 0.00	23.67 1.41 0.00	24.31 1.49 0.00	27.54 1.52 0.00	36.55 2.19 0.00	62.29 3.81 0.00	63.84 4.05 0.00	22.81 1.63 0.00	27.30 2.02 0.00	27.21 2.09 0.00	26.50 2.18 0.00	27.77 2.35 -0.60	31.20 1.71 -11.09	32.59 2.17 -7.61	43.06 2.92 -11.30	44.05 3.66 -2.48	49.50 4.01 0.00	52.52 3.88 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.01 2.50 0.00	29.44 1.84 0.00
RAVENSWOOD_GT2_4 24247	26.62 0.46 -20.11	21.94 0.29 -17.71	25.17 1.50 0.00	23.67 1.41 0.00	24.31 1.49 0.00	27.54 1.52 0.00	36.55 2.19 0.00	62.29 3.81 0.00	63.84 4.05 0.00	22.81 1.63 0.00	27.30 2.02 0.00	27.21 2.09 0.00	26.50 2.18 0.00	27.77 2.35 -0.60	31.20 1.71 -11.09	32.59 2.17 -7.61	43.06 2.92 -11.30	44.05 3.66 -2.48	49.50 4.01 0.00	52.52 3.88 0.00	60.28 4.21 0.00	47.30 3.00 0.00	38.01 2.50 0.00	29.44 1.84 0.00
RAVENSWOOD_GT3_1 24248	26.61 0.45 -20.11	21.94 0.28 -17.71	25.16 1.50 0.00	23.67 1.40 0.00	24.31 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.78 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.18 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.03 3.64 -2.48	49.47 3.97 0.00	52.49 3.86 0.00	60.25 4.18 0.00	47.28 2.98 0.00	37.99 2.48 0.00	29.43 1.83 0.00
RAVENSWOOD_GT3_2 24249	26.61 0.45 -20.11	21.94 0.28 -17.71	25.16 1.50 0.00	23.67 1.40 0.00	24.31 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.78 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.18 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.03 3.64 -2.48	49.47 3.97 0.00	52.49 3.86 0.00	60.25 4.18 0.00	47.28 2.98 0.00	37.99 2.48 0.00	29.43 1.83 0.00
RAVENSWOOD_GT3_3 24250	26.62 0.46 -20.11	21.94 0.29 -17.71	25.19 1.52 0.00	23.69 1.42 0.00	24.33 1.51 0.00	27.56 1.54 0.00	36.57 2.21 0.00	62.32 3.85 0.00	63.89 4.10 0.00	22.82 1.64 0.00	27.32 2.04 0.00	27.23 2.11 0.00	26.52 2.21 0.00	27.78 2.36 -0.60	31.21 1.73 -11.09	32.61 2.19 -7.61	43.09 2.94 -11.30	44.07 3.69 -2.48	49.53 4.03 0.00	52.56 3.93 0.00	60.33 4.26 0.00	47.33 3.03 0.00	38.03 2.52 0.00	29.46 1.86 0.00
RAVENSWOOD_GT3_4 24251	26.62 0.46 -20.11	21.94 0.29 -17.71	25.19 1.52 0.00	23.69 1.42 0.00	24.33 1.51 0.00	27.56 1.54 0.00	36.57 2.21 0.00	62.32 3.85 0.00	63.89 4.10 0.00	22.82 1.64 0.00	27.32 2.04 0.00	27.23 2.11 0.00	26.52 2.21 0.00	27.78 2.36 -0.60	31.21 1.73 -11.09	32.61 2.19 -7.61	43.09 2.94 -11.30	44.07 3.69 -2.48	49.53 4.03 0.00	52.56 3.93 0.00	60.33 4.26 0.00	47.33 3.03 0.00	38.03 2.52 0.00	29.46 1.86 0.00
RAVENSWOOD_GT_1 23729	26.63 0.47 -20.11	21.95 0.30 -17.71	25.23 1.57 0.00	23.73 1.47 0.00	24.38 1.56 0.00	27.60 1.59 0.00	36.64 2.28 0.00	62.45 3.97 0.00	64.03 4.24 0.00	22.90 1.72 0.00	27.41 2.13 0.00	27.33 2.21 0.00	26.61 2.30 0.00	27.88 2.46 -0.60	31.24 1.75 -11.09	32.64 2.22 -7.61	43.13 2.98 -11.30	44.17 3.78 -2.48	49.61 4.11 0.00	52.62 3.99 0.00	60.39 4.32 0.00	47.39 3.09 0.00	38.10 2.59 0.00	29.51 1.91 0.00
RAVENSWOOD_GT_10 24258	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.40 0.00	24.30 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.77 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.17 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.86 0.00	60.24 4.17 0.00	47.27 2.97 0.00	37.98 2.47 0.00	29.43 1.82 0.00
RAVENSWOOD_GT_11 24259	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.40 0.00	24.30 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.77 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.17 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.86 0.00	60.24 4.17 0.00	47.27 2.97 0.00	37.98 2.47 0.00	29.43 1.82 0.00
RAVENSWOOD_GT_4 24252	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.39 0.00	24.30 1.48 0.00	27.52 1.51 0.00	36.52 2.16 0.00	62.23 3.75 0.00	63.81 4.01 0.00	22.78 1.60 0.00	27.27 1.99 0.00	27.18 2.06 0.00	26.47 2.16 0.00	27.74 2.31 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.85 0.00	60.24 4.16 0.00	47.26 2.96 0.00	37.98 2.47 0.00	29.42 1.82 0.00
RAVENSWOOD_GT_5 24254	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.39 0.00	24.30 1.48 0.00	27.52 1.51 0.00	36.52 2.16 0.00	62.23 3.75 0.00	63.81 4.01 0.00	22.78 1.60 0.00	27.27 1.99 0.00	27.18 2.06 0.00	26.47 2.16 0.00	27.74 2.31 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.85 0.00	60.24 4.16 0.00	47.26 2.96 0.00	37.98 2.47 0.00	29.42 1.82 0.00
RAVENSWOOD_GT_6 24253	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.39 0.00	24.30 1.48 0.00	27.52 1.51 0.00	36.52 2.16 0.00	62.23 3.75 0.00	63.81 4.01 0.00	22.78 1.60 0.00	27.27 1.99 0.00	27.18 2.06 0.00	26.47 2.16 0.00	27.74 2.31 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.85 0.00	60.24 4.16 0.00	47.26 2.96 0.00	37.98 2.47 0.00	29.42 1.82 0.00
RAVENSWOOD_GT_7 24255	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.39 0.00	24.30 1.48 0.00	27.52 1.51 0.00	36.52 2.16 0.00	62.23 3.75 0.00	63.81 4.01 0.00	22.78 1.60 0.00	27.27 1.99 0.00	27.18 2.06 0.00	26.47 2.16 0.00	27.74 2.31 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.85 0.00	60.24 4.16 0.00	47.26 2.96 0.00	37.98 2.47 0.00	29.42 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.40 0.00	24.30 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.77 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.17 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.86 0.00	60.24 4.17 0.00	47.27 2.97 0.00	37.98 2.47 0.00	29.43 1.82 0.00

RAVENSWOOD_GT_9 24257	26.61 0.45 -20.11	21.94 0.29 -17.71	25.15 1.49 0.00	23.66 1.40 0.00	24.30 1.49 0.00	27.53 1.52 0.00	36.53 2.17 0.00	62.25 3.77 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.17 0.00	27.75 2.33 -0.60	31.19 1.70 -11.09	32.58 2.16 -7.61	43.05 2.90 -11.30	44.02 3.63 -2.48	49.46 3.97 0.00	52.49 3.86 0.00	60.24 4.17 0.00	47.27 2.97 0.00	37.98 2.47 0.00	29.43 1.82 0.00
RAVENSWOOD___1 23533	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.44 0.00	24.34 1.53 0.00	27.57 1.56 0.00	36.58 2.23 0.00	62.36 3.88 0.00	63.94 4.15 0.00	22.86 1.68 0.00	27.36 2.07 0.00	27.27 2.15 0.00	26.56 2.25 0.00	27.83 2.41 -0.60	31.18 1.70 -11.09	32.57 2.15 -7.61	43.04 2.89 -11.30	44.09 3.70 -2.48	49.54 4.04 0.00	52.55 3.92 0.00	60.33 4.25 0.00	47.33 3.03 0.00	38.05 2.54 0.00	29.48 1.88 0.00
RAVENSWOOD___2 23534	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.44 0.00	24.34 1.53 0.00	27.57 1.56 0.00	36.58 2.23 0.00	62.36 3.88 0.00	63.94 4.15 0.00	22.86 1.68 0.00	27.36 2.07 0.00	27.27 2.15 0.00	26.56 2.25 0.00	27.83 2.41 -0.60	31.18 1.70 -11.09	32.57 2.15 -7.61	43.04 2.89 -11.30	44.09 3.70 -2.48	49.54 4.04 0.00	52.55 3.92 0.00	60.33 4.25 0.00	47.33 3.03 0.00	38.05 2.54 0.00	29.48 1.88 0.00
RAVENSWOOD___3 23535	26.61 0.45 -20.11	21.94 0.29 -17.71	25.16 1.50 0.00	23.67 1.40 0.00	24.31 1.49 0.00	27.53 1.52 0.00	36.54 2.18 0.00	62.27 3.79 0.00	63.83 4.03 0.00	22.79 1.61 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.18 0.00	27.75 2.33 -0.60	31.20 1.71 -11.09	32.59 2.17 -7.61	43.06 2.91 -11.30	44.03 3.64 -2.48	49.47 3.97 0.00	52.49 3.86 0.00	60.26 4.18 0.00	47.28 2.98 0.00	37.99 2.48 0.00	29.43 1.83 0.00
RAVENSWOOD___4 23820	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.44 0.00	24.34 1.53 0.00	27.57 1.56 0.00	36.58 2.23 0.00	62.36 3.88 0.00	63.94 4.15 0.00	22.86 1.68 0.00	27.36 2.07 0.00	27.27 2.15 0.00	26.56 2.25 0.00	27.83 2.41 -0.60	31.18 1.70 -11.09	32.57 2.15 -7.61	43.04 2.89 -11.30	44.09 3.70 -2.48	49.54 4.04 0.00	52.55 3.92 0.00	60.33 4.25 0.00	47.33 3.03 0.00	38.05 2.54 0.00	29.48 1.88 0.00
RCPL_TRUST___DRP 24196	26.61 0.45 -20.10	21.93 0.28 -17.71	25.14 1.47 0.00	23.64 1.38 0.00	24.29 1.47 0.00	27.51 1.50 0.00	36.51 2.15 0.00	62.20 3.72 0.00	63.77 3.98 0.00	22.78 1.60 0.00	27.28 2.00 0.00	27.20 2.08 0.00	26.49 2.17 0.00	27.52 2.33 -0.37	26.98 1.71 -6.87	29.69 2.17 -4.72	38.77 2.91 -7.00	43.09 3.64 -1.54	49.46 3.97 0.00	52.49 3.85 0.00	60.24 4.16 0.00	47.25 2.95 0.00	37.97 2.46 0.00	29.41 1.81 0.00
RED___ROCHESTER 323720	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.89 -0.77 0.00	21.60 -0.66 0.00	22.24 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.16 -2.32 0.00	57.66 -2.14 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.12 0.00 0.00	24.15 -0.16 0.00	24.43 -0.38 0.00	17.97 -0.43 0.00	22.19 -0.62 0.00	27.76 -1.09 0.00	36.27 -1.64 0.00	43.81 -1.68 0.00	47.52 -1.11 0.00	54.25 -1.82 0.00	43.29 -1.01 0.00	34.32 -1.19 0.00	26.83 -0.77 0.00
REGAN___SOLAR 323812	34.03 0.38 -27.59	28.48 0.23 -24.30	25.04 1.37 0.00	23.55 1.28 0.00	24.22 1.40 0.00	27.68 1.67 0.00	36.73 2.37 0.00	62.33 3.85 0.00	63.36 3.56 0.00	21.71 0.53 0.00	25.38 0.10 0.00	25.02 -0.09 0.00	24.09 -0.22 0.00	24.55 -0.27 0.00	18.17 -0.22 0.00	22.56 -0.25 0.00	28.72 -0.12 0.00	38.14 0.22 0.00	47.12 1.63 0.00	51.92 3.29 0.00	60.31 4.24 0.00	47.65 3.35 0.00	38.07 2.56 0.00	29.46 1.86 0.00
RENSSELAER___COGEN 23796	30.66 0.17 -24.43	25.57 0.11 -21.52	24.26 0.60 0.00	22.82 0.56 0.00	23.45 0.63 0.00	26.59 0.58 0.00	34.97 0.61 0.00	59.59 1.11 0.00	60.94 1.14 0.00	21.51 0.33 0.00	25.60 0.32 0.00	25.51 0.39 0.00	24.69 0.38 0.00	25.24 0.43 0.00	18.72 0.33 0.00	23.30 0.49 0.00	29.56 0.71 0.00	38.76 0.84 0.00	46.55 1.06 0.00	49.57 0.94 0.00	57.19 1.11 0.00	45.06 0.77 0.00	36.21 0.70 0.00	28.15 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.69 0.47 -25.17	26.42 0.31 -22.17	25.48 1.81 0.00	24.03 1.76 0.00	24.96 2.14 0.00	28.68 2.67 0.00	37.83 3.48 0.00	64.04 5.56 0.00	64.63 4.84 0.00	22.38 1.19 0.00	26.49 1.21 0.00	26.45 1.33 0.00	25.47 1.16 0.00	26.01 1.19 0.00	19.41 1.01 0.00	24.24 1.44 0.00	30.80 1.95 0.00	40.46 2.54 0.00	48.87 3.37 0.00	51.87 3.24 0.00	60.36 4.29 0.00	47.68 3.39 0.00	38.05 2.54 0.00	29.87 2.27 0.00
REVERE_CPPR_DRP 24186	7.27 0.09 -1.13	4.99 0.05 -0.99	23.92 0.25 0.00	22.51 0.25 0.00	23.21 0.39 0.00	26.62 0.61 0.00	35.31 0.95 0.00	60.16 1.68 0.00	61.40 1.60 0.00	21.75 0.57 0.00	25.75 0.46 0.00	25.36 0.24 0.00	24.46 0.14 0.00	24.92 0.10 0.00	18.44 0.05 0.00	22.84 0.03 0.00	29.04 0.18 0.00	38.44 0.53 0.00	46.65 1.15 0.00	50.31 1.68 0.00	58.16 2.08 0.00	45.86 1.56 0.00	36.64 1.13 0.00	28.41 0.80 0.00
REYNOLDS_115KV_TB3 80639	30.72 0.22 -24.44	25.61 0.14 -21.53	24.44 0.78 0.00	22.98 0.72 0.00	23.63 0.81 0.00	26.79 0.77 0.00	35.22 0.86 0.00	60.01 1.54 0.00	61.36 1.57 0.00	21.66 0.48 0.00	25.77 0.49 0.00	25.69 0.57 0.00	24.86 0.55 0.00	25.42 0.60 0.00	18.86 0.46 0.00	23.47 0.66 0.00	29.77 0.92 0.00	39.09 1.17 0.00	46.91 1.42 0.00	49.91 1.28 0.00	57.58 1.51 0.00	45.40 1.10 0.00	36.47 0.96 0.00	28.35 0.75 0.00
RIVERBAY____ 323610	26.71 0.55 -20.11	22.01 0.36 -17.71	25.60 1.94 0.00	24.24 1.97 0.00	24.93 2.11 0.00	28.30 2.28 0.00	37.32 2.96 0.00	63.73 5.25 0.00	65.31 5.51 0.00	23.25 2.07 0.00	27.70 2.41 0.00	27.60 2.48 0.00	26.84 2.52 0.00	27.98 2.67 -0.49	29.41 1.92 -9.10	31.50 2.44 -6.25	41.40 3.28 -9.27	44.18 4.23 -2.04	50.18 4.68 0.00	53.24 4.61 0.00	61.16 5.09 0.00	48.00 3.70 0.00	38.56 3.05 0.00	29.83 2.23 0.00
RIVERSDE_115KV_TB3 55908	30.76 0.20 -24.50	25.65 0.13 -21.58	24.36 0.69 0.00	22.91 0.65 0.00	23.55 0.73 0.00	26.70 0.69 0.00	35.11 0.75 0.00	59.84 1.37 0.00	61.20 1.40 0.00	21.60 0.42 0.00	25.71 0.42 0.00	25.61 0.49 0.00	24.79 0.47 0.00	25.34 0.53 0.00	18.80 0.41 0.00	23.39 0.58 0.00	29.69 0.84 0.00	38.95 1.04 0.00	46.79 1.29 0.00	49.78 1.15 0.00	57.43 1.35 0.00	45.25 0.96 0.00	36.36 0.85 0.00	28.26 0.66 0.00
ROARING___BROOK_WT_PWR 323790	-9.78 -0.23 15.60	-12.69 -0.13 16.50	22.99 -0.68 0.00	21.71 -0.56 0.00	22.32 -0.49 0.00	25.68 -0.33 0.00	34.03 -0.33 0.00	58.08 -0.39 0.00	59.40 -0.40 0.00	20.98 -0.20 0.00	25.05 -0.24 0.00	24.90 -0.22 0.00	24.06 -0.25 0.00	24.56 -0.26 0.00	18.18 -0.22 0.00	22.54 -0.27 0.00	28.56 -0.29 0.00	37.68 -0.23 0.00	45.17 -0.32 0.00	48.36 -0.27 0.00	55.88 -0.20 0.00	44.27 -0.03 0.00	35.45 -0.06 0.00	27.53 -0.07 0.00

ROCHESRG_115KV_T4 355643	8.49 -0.22 -2.66	6.09 -0.20 -2.34	22.67 -0.99 0.00	21.40 -0.87 0.00	22.03 -0.79 0.00	25.17 -0.84 0.00	33.10 -1.26 0.00	55.62 -2.86 0.00	57.16 -2.64 0.00	20.61 -0.57 0.00	25.21 -0.07 0.00	24.88 -0.24 0.00	23.94 -0.38 0.00	24.23 -0.59 0.00	17.81 -0.59 0.00	22.01 -0.80 0.00	27.53 -1.32 0.00	35.92 -1.99 0.00	43.31 -2.18 0.00	46.97 -1.66 0.00	53.61 -2.46 0.00	42.80 -1.50 0.00	33.98 -1.53 0.00	26.57 -1.03 0.00
ROCHESTER_9_IC 23652	8.53 -0.19 -2.67	6.12 -0.18 -2.35	22.78 -0.88 0.00	21.51 -0.76 0.00	22.14 -0.67 0.00	25.30 -0.71 0.00	33.28 -1.08 0.00	55.92 -2.56 0.00	57.46 -2.34 0.00	20.72 -0.46 0.00	25.34 0.06 0.00	25.01 -0.11 0.00	24.05 -0.26 0.00	24.35 -0.47 0.00	17.89 -0.51 0.00	22.10 -0.71 0.00	27.66 -1.19 0.00	36.10 -1.81 0.00	43.56 -1.94 0.00	47.26 -1.37 0.00	53.94 -2.13 0.00	43.06 -1.24 0.00	34.16 -1.34 0.00	26.71 -0.89 0.00
ROCKVIEW_13_KV_LD 356306	26.61 0.45 -20.11	21.94 0.28 -17.71	25.16 1.49 0.00	23.65 1.39 0.00	24.30 1.48 0.00	27.53 1.52 0.00	36.50 2.14 0.00	62.21 3.73 0.00	63.74 3.94 0.00	22.72 1.54 0.00	27.19 1.90 0.00	27.09 1.97 0.00	26.37 2.06 0.00	27.02 2.21 0.01	19.80 1.64 0.23	24.73 2.08 0.16	31.43 2.82 0.24	41.40 3.54 0.05	49.44 3.95 0.00	52.51 3.88 0.00	60.28 4.20 0.00	47.32 3.02 0.00	37.98 2.47 0.00	29.43 1.82 0.00
ROME____115KV_TB2 80656	7.27 0.09 -1.13	4.99 0.05 -0.99	23.92 0.25 0.00	22.51 0.25 0.00	23.21 0.39 0.00	26.62 0.61 0.00	35.31 0.95 0.00	60.16 1.68 0.00	61.40 1.60 0.00	21.75 0.57 0.00	25.75 0.46 0.00	25.36 0.24 0.00	24.46 0.14 0.00	24.92 0.10 0.00	18.44 0.05 0.00	22.84 0.03 0.00	29.04 0.18 0.00	38.44 0.53 0.00	46.65 1.15 0.00	50.31 1.68 0.00	58.16 2.08 0.00	45.86 1.56 0.00	36.64 1.13 0.00	28.41 0.80 0.00
ROSETON___1 23587	26.50 0.35 -20.10	21.87 0.22 -17.70	24.82 1.15 0.00	23.34 1.08 0.00	23.98 1.16 0.00	27.17 1.16 0.00	35.99 1.64 0.00	61.30 2.82 0.00	62.77 2.97 0.00	22.34 1.16 0.00	26.68 1.40 0.00	26.57 1.45 0.00	25.85 1.54 0.00	26.47 1.65 0.00	19.63 1.24 0.00	24.40 1.59 0.00	31.00 2.15 0.00	40.62 2.71 0.00	48.52 3.03 0.00	51.58 2.95 0.00	59.28 3.20 0.00	46.58 2.28 0.00	37.39 1.88 0.00	28.99 1.39 0.00
ROSETON___2 23588	26.50 0.35 -20.10	21.87 0.22 -17.70	24.82 1.15 0.00	23.34 1.08 0.00	23.98 1.16 0.00	27.17 1.16 0.00	35.99 1.64 0.00	61.30 2.82 0.00	62.77 2.97 0.00	22.34 1.16 0.00	26.68 1.40 0.00	26.57 1.45 0.00	25.85 1.54 0.00	26.47 1.65 0.00	19.63 1.24 0.00	24.40 1.59 0.00	31.00 2.15 0.00	40.62 2.71 0.00	48.52 3.03 0.00	51.58 2.95 0.00	59.28 3.20 0.00	46.58 2.28 0.00	37.39 1.88 0.00	28.99 1.39 0.00
ROTRRDAM_115KV_TB3 80664	31.68 0.22 -25.40	26.46 0.14 -22.37	24.47 0.80 0.00	23.01 0.74 0.00	23.65 0.83 0.00	26.88 0.87 0.00	35.49 1.13 0.00	60.37 1.89 0.00	61.63 1.83 0.00	21.71 0.53 0.00	25.83 0.55 0.00	25.70 0.58 0.00	24.87 0.56 0.00	25.41 0.59 0.00	18.85 0.45 0.00	23.41 0.60 0.00	29.66 0.81 0.00	39.02 1.11 0.00	46.91 1.42 0.00	50.09 1.46 0.00	57.77 1.70 0.00	45.57 1.27 0.00	36.58 1.07 0.00	28.48 0.88 0.00
RUSSELL___1 23602	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.87 -0.79 0.00	21.59 -0.68 0.00	22.23 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.18 -2.30 0.00	57.72 -2.08 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.11 -0.01 0.00	24.15 -0.16 0.00	24.45 -0.37 0.00	17.96 -0.44 0.00	22.19 -0.62 0.00	27.77 -1.08 0.00	36.27 -1.64 0.00	43.81 -1.69 0.00	47.52 -1.11 0.00	54.24 -1.84 0.00	43.29 -1.01 0.00	34.33 -1.18 0.00	26.83 -0.77 0.00
RUSSELL___2 23532	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.87 -0.79 0.00	21.59 -0.68 0.00	22.23 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.18 -2.30 0.00	57.72 -2.08 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.11 -0.01 0.00	24.15 -0.16 0.00	24.45 -0.37 0.00	17.96 -0.44 0.00	22.19 -0.62 0.00	27.77 -1.08 0.00	36.27 -1.64 0.00	43.81 -1.69 0.00	47.52 -1.11 0.00	54.24 -1.84 0.00	43.29 -1.01 0.00	34.33 -1.18 0.00	26.83 -0.77 0.00
RUSSELL___3 23549	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.87 -0.79 0.00	21.59 -0.68 0.00	22.23 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.18 -2.30 0.00	57.72 -2.08 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.11 -0.01 0.00	24.15 -0.16 0.00	24.45 -0.37 0.00	17.96 -0.44 0.00	22.19 -0.62 0.00	27.77 -1.08 0.00	36.27 -1.64 0.00	43.81 -1.69 0.00	47.52 -1.11 0.00	54.24 -1.84 0.00	43.29 -1.01 0.00	34.33 -1.18 0.00	26.83 -0.77 0.00
RUSSELL___4 23556	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.87 -0.79 0.00	21.59 -0.68 0.00	22.23 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.18 -2.30 0.00	57.72 -2.08 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.11 -0.01 0.00	24.15 -0.16 0.00	24.45 -0.37 0.00	17.96 -0.44 0.00	22.19 -0.62 0.00	27.77 -1.08 0.00	36.27 -1.64 0.00	43.81 -1.69 0.00	47.52 -1.11 0.00	54.24 -1.84 0.00	43.29 -1.01 0.00	34.33 -1.18 0.00	26.83 -0.77 0.00
RUSSELL___STATION 23914	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.87 -0.79 0.00	21.59 -0.68 0.00	22.23 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.18 -2.30 0.00	57.72 -2.08 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.11 -0.01 0.00	24.15 -0.16 0.00	24.45 -0.37 0.00	17.96 -0.44 0.00	22.19 -0.62 0.00	27.77 -1.08 0.00	36.27 -1.64 0.00	43.81 -1.69 0.00	47.52 -1.11 0.00	54.24 -1.84 0.00	43.29 -1.01 0.00	34.33 -1.18 0.00	26.83 -0.77 0.00
S SALMON___HYD 24043	6.84 -0.20 -0.99	4.56 -0.14 -0.76	22.76 -0.90 0.00	21.43 -0.84 0.00	22.10 -0.72 0.00	25.36 -0.65 0.00	33.65 -0.71 0.00	57.34 -1.14 0.00	58.34 -1.46 0.00	20.58 -0.60 0.00	24.45 -0.83 0.00	24.15 -0.97 0.00	23.33 -0.99 0.00	23.78 -1.04 0.00	17.59 -0.80 0.00	21.77 -1.04 0.00	27.53 -1.32 0.00	36.32 -1.60 0.00	43.91 -1.59 0.00	47.47 -1.16 0.00	55.01 -1.06 0.00	43.41 -0.89 0.00	34.74 -0.77 0.00	26.99 -0.61 0.00
S.PERRY__115KV_TB1 80734	10.51 -0.03 -4.49	7.84 -0.06 -3.95	23.61 -0.06 0.00	22.34 0.07 0.00	23.12 0.31 0.00	26.29 0.28 0.00	34.89 0.53 0.00	59.00 0.52 0.00	60.38 0.59 0.00	21.13 -0.05 0.00	25.66 0.37 0.00	25.26 0.14 0.00	24.58 0.26 0.00	24.79 -0.03 0.00	18.27 -0.12 0.00	22.52 -0.28 0.00	28.14 -0.71 0.00	36.65 -1.26 0.00	44.43 -1.06 0.00	48.91 0.28 0.00	56.17 0.09 0.00	44.76 0.46 0.00	35.40 -0.11 0.00	27.58 -0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	9.12 -0.37 -3.44	6.68 -0.29 -3.03	22.17 -1.49 0.00	20.94 -1.32 0.00	21.57 -1.24 0.00	24.63 -1.39 0.00	32.32 -2.04 0.00	54.12 -4.36 0.00	55.90 -3.89 0.00	20.26 -0.92 0.00	25.00 -0.28 0.00	24.63 -0.49 0.00	23.69 -0.62 0.00	23.91 -0.91 0.00	17.58 -0.81 0.00	21.67 -1.14 0.00	27.01 -1.84 0.00	35.07 -2.84 0.00	42.18 -3.32 0.00	45.84 -2.80 0.00	52.14 -3.93 0.00	41.79 -2.51 0.00	33.14 -2.37 0.00	25.98 -1.62 0.00

SAWYER___23_KV_LOAD 55526	9.12 -0.37 -3.44	6.68 -0.29 -3.03	22.17 -1.49 0.00	20.94 -1.32 0.00	21.57 -1.24 0.00	24.63 -1.39 0.00	32.32 -2.04 0.00	54.12 -4.36 0.00	55.90 -3.89 0.00	20.26 -0.92 0.00	25.00 -0.28 0.00	24.63 -0.49 0.00	23.69 -0.62 0.00	23.91 -0.91 0.00	17.58 -0.81 0.00	21.67 -1.14 0.00	27.01 -1.84 0.00	35.07 -2.84 0.00	42.18 -3.32 0.00	45.84 -2.80 0.00	52.14 -3.93 0.00	41.79 -2.51 0.00	33.14 -2.37 0.00	25.98 -1.62 0.00
SELKIRK___I 23801	30.41 0.22 -24.14	25.34 0.14 -21.26	24.43 0.76 0.00	22.99 0.72 0.00	23.62 0.80 0.00	26.81 0.80 0.00	35.30 0.94 0.00	60.05 1.58 0.00	61.24 1.44 0.00	21.54 0.36 0.00	25.60 0.31 0.00	25.46 0.34 0.00	24.65 0.33 0.00	25.14 0.32 0.00	18.48 0.09 0.00	22.97 0.16 0.00	29.23 0.38 0.00	38.12 0.20 0.00	46.34 0.85 0.00	49.97 1.34 0.00	57.64 1.57 0.00	45.45 1.15 0.00	36.51 1.00 0.00	28.37 0.77 0.00
SELKIRK___II 23799	30.61 0.19 -24.36	25.52 0.12 -21.46	24.31 0.64 0.00	22.87 0.60 0.00	23.49 0.67 0.00	26.65 0.64 0.00	35.11 0.75 0.00	59.79 1.31 0.00	61.10 1.31 0.00	21.59 0.40 0.00	25.70 0.42 0.00	25.59 0.47 0.00	24.79 0.47 0.00	25.33 0.51 0.00	18.77 0.38 0.00	23.34 0.53 0.00	29.62 0.77 0.00	38.84 0.93 0.00	46.65 1.16 0.00	49.76 1.13 0.00	57.37 1.30 0.00	45.21 0.92 0.00	36.33 0.81 0.00	28.23 0.63 0.00
SENECA OSWGO___HYD 24041	7.71 -0.10 -1.76	5.42 -0.08 -1.55	23.16 -0.50 0.00	21.80 -0.46 0.00	22.33 -0.48 0.00	25.38 -0.63 0.00	33.55 -0.81 0.00	57.16 -1.32 0.00	58.39 -1.40 0.00	20.73 -0.46 0.00	24.67 -0.61 0.00	24.41 -0.70 0.00	23.62 -0.70 0.00	24.08 -0.74 0.00	17.85 -0.54 0.00	22.12 -0.70 0.00	27.88 -0.96 0.00	36.58 -1.33 0.00	44.04 -1.46 0.00	47.22 -1.41 0.00	54.49 -1.59 0.00	42.96 -1.34 0.00	34.44 -1.06 0.00	26.78 -0.82 0.00
SENECA___115KV_TB3 355854	9.31 -0.32 -3.58	6.83 -0.26 -3.15	22.38 -1.29 0.00	21.14 -1.12 0.00	21.79 -1.03 0.00	24.86 -1.15 0.00	32.66 -1.70 0.00	54.82 -3.66 0.00	56.58 -3.22 0.00	20.49 -0.69 0.00	25.24 -0.05 0.00	24.87 -0.25 0.00	23.95 -0.36 0.00	24.17 -0.65 0.00	17.78 -0.61 0.00	21.91 -0.90 0.00	27.35 -1.50 0.00	35.55 -2.37 0.00	42.76 -2.73 0.00	46.47 -2.16 0.00	52.89 -3.19 0.00	42.34 -1.96 0.00	33.55 -1.96 0.00	26.28 -1.32 0.00
SENECA___ENERGY 23797	8.69 -0.11 -2.75	6.27 -0.10 -2.42	23.12 -0.54 0.00	21.80 -0.46 0.00	22.37 -0.45 0.00	25.49 -0.52 0.00	33.64 -0.72 0.00	56.97 -1.50 0.00	58.34 -1.46 0.00	20.85 -0.33 0.00	25.12 -0.16 0.00	24.87 -0.25 0.00	24.01 -0.31 0.00	24.39 -0.43 0.00	18.03 -0.36 0.00	22.28 -0.53 0.00	28.09 -0.76 0.00	36.80 -1.12 0.00	44.32 -1.17 0.00	47.71 -0.93 0.00	54.74 -1.33 0.00	43.44 -0.86 0.00	34.75 -0.76 0.00	27.01 -0.59 0.00
SHOEMAKER___GT 23640	24.74 0.31 -18.38	20.33 0.19 -16.19	24.64 0.98 0.00	23.18 0.92 0.00	23.80 0.98 0.00	27.01 1.00 0.00	35.77 1.41 0.00	60.89 2.42 0.00	62.27 2.48 0.00	22.11 0.93 0.00	26.39 1.11 0.00	26.26 1.14 0.00	25.54 1.23 0.00	26.14 1.32 0.00	19.40 1.00 0.00	24.09 1.28 0.00	30.61 1.76 0.00	40.16 2.25 0.00	48.05 2.56 0.00	51.22 2.58 0.00	58.90 2.83 0.00	46.31 2.01 0.00	37.16 1.65 0.00	28.81 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	24.62 0.31 -18.26	20.22 0.19 -16.08	24.65 0.98 0.00	23.18 0.92 0.00	23.80 0.99 0.00	27.01 1.00 0.00	35.77 1.41 0.00	60.89 2.41 0.00	62.30 2.50 0.00	22.14 0.95 0.00	26.43 1.14 0.00	26.30 1.18 0.00	25.58 1.26 0.00	26.19 1.37 0.00	19.43 1.03 0.00	24.12 1.31 0.00	30.65 1.80 0.00	40.22 2.30 0.00	48.10 2.61 0.00	51.24 2.61 0.00	58.92 2.85 0.00	46.32 2.02 0.00	37.16 1.64 0.00	28.81 1.21 0.00
SHOREHAM_IC_1 23715	26.66 0.50 -20.11	21.97 0.32 -17.71	25.23 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.79 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.18 1.97 2.90	21.15 2.19 5.35	26.26 2.53 1.08	17.96 1.97 2.40	21.32 2.54 4.03	25.17 3.66 7.34	34.40 4.58 8.09	125.83 4.97 -75.37	150.01 4.84 -96.54	149.36 5.62 -87.67	262.71 4.17 -214.24	121.22 3.04 -82.66	29.91 2.31 0.00
SHOREHAM_IC_2 23716	26.66 0.50 -20.11	21.97 0.32 -17.71	25.23 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.79 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.18 1.97 2.90	21.15 2.19 5.35	26.26 2.53 1.08	17.96 1.97 2.40	21.32 2.54 4.03	25.17 3.66 7.34	34.40 4.58 8.09	125.83 4.97 -75.37	150.01 4.84 -96.54	149.36 5.62 -87.67	262.71 4.17 -214.24	121.22 3.04 -82.66	29.91 2.31 0.00
SISSONVILLE___ 23735	1.36 -0.36 4.32	-1.41 -0.22 5.14	29.51 -1.23 -7.07	27.93 -1.18 -6.84	28.64 -1.11 -6.93	26.28 -0.95 -1.21	33.93 -1.06 -0.63	56.93 -1.54 0.00	58.01 -1.79 0.00	20.31 -0.88 0.00	24.15 -1.14 0.00	23.98 -1.14 0.00	23.11 -1.20 0.00	23.74 -1.07 0.00	17.64 -0.76 0.00	21.74 -1.06 0.00	27.42 -1.43 0.00	36.50 -1.42 0.00	43.66 -1.83 0.00	47.11 -1.52 0.00	54.82 -1.26 0.00	43.95 -0.35 0.00	35.02 -0.49 0.00	27.09 -0.51 0.00
SITHE_IND_GS1 24169	7.24 -0.16 -1.34	5.02 -0.11 -1.18	23.00 -0.67 0.00	21.64 -0.62 0.00	22.15 -0.67 0.00	25.17 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.95 0.00	57.80 -2.00 0.00	20.53 -0.65 0.00	24.47 -0.81 0.00	24.27 -0.85 0.00	23.50 -0.81 0.00	23.96 -0.86 0.00	17.76 -0.63 0.00	21.98 -0.83 0.00	27.69 -1.16 0.00	36.30 -1.61 0.00	43.62 -1.88 0.00	46.68 -1.95 0.00	53.81 -2.26 0.00	42.47 -1.83 0.00	34.06 -1.45 0.00	26.51 -1.10 0.00
SITHE_IND_GS2 24170	7.24 -0.16 -1.34	5.02 -0.11 -1.18	23.00 -0.67 0.00	21.64 -0.62 0.00	22.15 -0.67 0.00	25.17 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.95 0.00	57.80 -2.00 0.00	20.53 -0.65 0.00	24.47 -0.81 0.00	24.27 -0.85 0.00	23.50 -0.81 0.00	23.96 -0.86 0.00	17.76 -0.63 0.00	21.98 -0.83 0.00	27.69 -1.16 0.00	36.30 -1.61 0.00	43.62 -1.88 0.00	46.68 -1.95 0.00	53.81 -2.26 0.00	42.47 -1.83 0.00	34.06 -1.45 0.00	26.51 -1.10 0.00
SITHE_IND_GS3 24171	7.24 -0.16 -1.34	5.02 -0.11 -1.18	23.00 -0.67 0.00	21.64 -0.62 0.00	22.15 -0.67 0.00	25.17 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.95 0.00	57.80 -2.00 0.00	20.53 -0.65 0.00	24.47 -0.81 0.00	24.27 -0.85 0.00	23.50 -0.81 0.00	23.96 -0.86 0.00	17.76 -0.63 0.00	21.98 -0.83 0.00	27.69 -1.16 0.00	36.30 -1.61 0.00	43.62 -1.88 0.00	46.68 -1.95 0.00	53.81 -2.26 0.00	42.47 -1.83 0.00	34.06 -1.45 0.00	26.51 -1.10 0.00
SITHE_IND_GS4 24172	7.24 -0.16 -1.34	5.02 -0.11 -1.18	23.00 -0.67 0.00	21.64 -0.62 0.00	22.15 -0.67 0.00	25.17 -0.85 0.00	33.23 -1.13 0.00	56.53 -1.95 0.00	57.80 -2.00 0.00	20.53 -0.65 0.00	24.47 -0.81 0.00	24.27 -0.85 0.00	23.50 -0.81 0.00	23.96 -0.86 0.00	17.76 -0.63 0.00	21.98 -0.83 0.00	27.69 -1.16 0.00	36.30 -1.61 0.00	43.62 -1.88 0.00	46.68 -1.95 0.00	53.81 -2.26 0.00	42.47 -1.83 0.00	34.06 -1.45 0.00	26.51 -1.10 0.00

SITHE___BATAVIA 24024	8.87 -0.23 -3.05	6.44 -0.19 -2.69	22.71 -0.95 0.00	21.43 -0.83 0.00	22.12 -0.70 0.00	25.30 -0.71 0.00	33.29 -1.07 0.00	55.73 -2.75 0.00	57.08 -2.72 0.00	20.56 -0.62 0.00	25.26 -0.02 0.00	24.85 -0.27 0.00	23.85 -0.46 0.00	24.05 -0.77 0.00	17.67 -0.72 0.00	21.77 -1.04 0.00	27.13 -1.72 0.00	35.37 -2.54 0.00	42.95 -2.55 0.00	47.15 -1.49 0.00	53.79 -2.28 0.00	43.04 -1.26 0.00	34.06 -1.44 0.00	26.66 -0.95 0.00
SITHE___INDEPEND 23800	7.24 -0.16 -1.34	5.02 -0.11 -1.18	23.00 -0.67 0.00	21.64 -0.62 0.00	22.15 -0.67 0.00	25.17 -0.84 0.00	33.23 -1.13 0.00	56.53 -1.94 0.00	57.80 -2.00 0.00	20.53 -0.65 0.00	24.47 -0.81 0.00	24.27 -0.85 0.00	23.50 -0.81 0.00	23.96 -0.86 0.00	17.77 -0.63 0.00	21.98 -0.83 0.00	27.70 -1.15 0.00	36.31 -1.61 0.00	43.62 -1.88 0.00	46.68 -1.95 0.00	53.81 -2.26 0.00	42.47 -1.83 0.00	34.06 -1.45 0.00	26.51 -1.10 0.00
SITHE___MASSENA 23902	-2.60 -0.16 8.50	-5.24 -0.08 9.10	24.80 -0.40 -1.54	23.35 -0.41 -1.49	23.94 -0.39 -1.51	26.04 -0.23 -0.26	34.29 -0.21 -0.14	58.28 -0.20 0.00	59.51 -0.28 0.00	20.92 -0.26 0.00	24.99 -0.30 0.00	24.85 -0.27 0.00	23.98 -0.33 0.00	24.51 -0.31 0.00	18.16 -0.23 0.00	22.50 -0.30 0.00	28.43 -0.42 0.00	37.67 -0.24 0.00	44.94 -0.55 0.00	48.27 -0.36 0.00	55.92 -0.15 0.00	44.71 0.41 0.00	35.72 0.21 0.00	27.68 0.08 0.00
SITHE___OGDNSBRG 24021	-0.28 -0.17 6.17	-3.02 -0.09 6.87	28.17 -0.42 -4.92	26.60 -0.43 -4.77	27.27 -0.37 -4.83	26.72 -0.13 -0.84	34.82 0.01 -0.44	58.70 0.22 0.00	59.71 -0.08 0.00	20.82 -0.36 0.00	24.75 -0.54 0.00	24.57 -0.55 0.00	23.70 -0.61 0.00	24.26 -0.56 0.00	17.98 -0.41 0.00	22.24 -0.56 0.00	28.09 -0.76 0.00	37.34 -0.58 0.00	44.76 -0.74 0.00	48.36 -0.27 0.00	56.39 0.32 0.00	45.16 0.86 0.00	36.00 0.49 0.00	27.84 0.23 0.00
SITHE___STERLING 23777	7.45 0.09 -1.30	5.14 0.05 -1.15	23.90 0.23 0.00	22.48 0.21 0.00	23.14 0.32 0.00	26.46 0.45 0.00	35.05 0.69 0.00	59.68 1.20 0.00	60.93 1.13 0.00	21.60 0.42 0.00	25.64 0.36 0.00	25.31 0.19 0.00	24.43 0.11 0.00	24.88 0.07 0.00	18.43 0.03 0.00	22.83 0.02 0.00	28.97 0.12 0.00	38.22 0.31 0.00	46.24 0.74 0.00	49.78 1.14 0.00	57.51 1.43 0.00	45.35 1.06 0.00	36.26 0.75 0.00	28.14 0.54 0.00
SLEIGHT__34_KV_TB1 80719	8.42 -0.24 -2.60	6.03 -0.21 -2.29	22.57 -1.09 0.00	21.31 -0.96 0.00	21.98 -0.83 0.00	25.15 -0.86 0.00	33.18 -1.18 0.00	55.82 -2.66 0.00	57.30 -2.49 0.00	20.62 -0.56 0.00	25.09 -0.19 0.00	24.77 -0.35 0.00	23.85 -0.47 0.00	24.18 -0.64 0.00	17.81 -0.59 0.00	22.02 -0.80 0.00	27.60 -1.25 0.00	36.12 -1.79 0.00	43.63 -1.86 0.00	47.35 -1.28 0.00	54.23 -1.84 0.00	43.12 -1.18 0.00	34.28 -1.23 0.00	26.73 -0.87 0.00
SOUTH CAIRO___GT 23612	29.76 0.32 -23.38	24.75 0.21 -20.60	24.87 1.20 0.00	23.38 1.11 0.00	24.04 1.22 0.00	27.33 1.31 0.00	36.02 1.67 0.00	61.30 2.82 0.00	62.41 2.61 0.00	21.74 0.55 0.00	25.69 0.41 0.00	25.54 0.42 0.00	24.69 0.38 0.00	25.21 0.39 0.00	18.68 0.29 0.00	23.26 0.45 0.00	29.60 0.75 0.00	39.00 1.09 0.00	47.39 1.90 0.00	51.08 2.45 0.00	59.19 3.11 0.00	46.62 2.33 0.00	37.32 1.81 0.00	28.94 1.34 0.00
SOUTH HAMPTN___IC 23720	26.65 0.49 -20.11	21.96 0.30 -17.71	25.15 1.49 0.00	23.58 1.31 0.00	24.30 1.48 0.00	27.63 1.62 0.00	36.72 2.36 0.00	62.33 3.86 0.00	64.13 4.33 0.00	22.82 1.64 0.00	26.13 1.64 0.80	24.07 1.87 2.92	21.18 2.25 5.38	26.48 2.75 1.09	18.13 2.14 2.41	21.46 2.70 4.05	25.36 3.88 7.37	34.85 5.07 8.13	122.50 5.25 -71.75	145.47 4.81 -92.02	145.63 5.97 -83.58	253.69 4.65 -204.74	118.02 3.50 -79.00	30.21 2.61 0.00
SOUTHDOW_115KV_TB1 355954	9.86 -0.10 -3.91	7.27 -0.12 -3.44	23.36 -0.31 0.00	22.09 -0.17 0.00	22.79 -0.03 0.00	26.06 0.05 0.00	34.47 0.11 0.00	58.11 -0.37 0.00	59.99 0.19 0.00	21.74 0.56 0.00	26.65 1.37 0.00	26.25 1.13 0.00	25.45 1.14 0.00	25.68 0.86 0.00	18.93 0.53 0.00	23.17 0.36 0.00	29.08 0.23 0.00	37.87 -0.05 0.00	45.44 -0.06 0.00	49.25 0.62 0.00	56.06 -0.02 0.00	44.75 0.45 0.00	35.36 -0.15 0.00	27.63 0.03 0.00
SOUTHOLD_69_KV_BK 2 55809	26.60 0.44 -20.11	21.92 0.26 -17.71	24.91 1.25 0.00	23.32 1.05 0.00	24.05 1.23 0.00	27.35 1.34 0.00	36.36 2.00 0.00	61.80 3.32 0.00	63.61 3.81 0.00	22.62 1.44 0.00	25.84 1.35 0.80	23.82 1.62 2.92	21.11 2.18 5.38	26.60 2.87 1.09	18.22 2.23 2.41	21.49 2.74 4.05	25.44 3.96 7.37	35.21 5.43 8.13	122.18 4.91 -71.78	144.66 3.98 -92.05	145.71 6.02 -83.61	254.09 4.98 -204.81	118.38 3.84 -79.03	30.39 2.79 0.00
SOUTHOLD___IC 23719	26.60 0.44 -20.11	21.92 0.26 -17.71	24.91 1.25 0.00	23.32 1.05 0.00	24.05 1.23 0.00	27.35 1.34 0.00	36.36 2.00 0.00	61.79 3.32 0.00	63.61 3.81 0.00	22.62 1.44 0.00	25.84 1.35 0.80	23.82 1.62 2.92	21.11 2.18 5.38	26.61 2.88 1.09	18.23 2.24 2.41	21.51 2.75 4.05	25.44 3.96 7.37	35.21 5.43 8.13	122.18 4.91 -71.78	144.66 3.97 -92.05	145.71 6.03 -83.61	254.09 4.98 -204.81	118.40 3.85 -79.03	30.40 2.80 0.00
SOUTH_FORK_WT_PWR 323839	26.53 0.36 -20.11	21.86 0.20 -17.71	24.58 0.91 0.00	22.96 0.70 0.00	23.68 0.86 0.00	26.95 0.94 0.00	35.83 1.48 0.00	60.91 2.44 0.00	62.74 2.95 0.00	22.30 1.12 0.00	25.44 0.96 0.80	23.45 1.25 2.92	20.93 1.99 5.38	26.59 2.86 1.09	18.23 2.24 2.41	21.43 2.67 4.05	25.33 3.85 7.37	35.25 5.47 8.13	122.28 5.02 -71.76	144.44 3.77 -92.04	145.30 5.64 -83.59	254.02 4.95 -204.77	118.47 3.94 -79.02	30.41 2.81 0.00
SPIERFLS_115KV_TB 1 80737	31.55 0.30 -25.19	26.35 0.21 -22.19	24.89 1.23 0.00	23.41 1.15 0.00	24.14 1.32 0.00	27.52 1.51 0.00	36.34 1.98 0.00	61.75 3.27 0.00	62.75 2.96 0.00	21.94 0.76 0.00	26.03 0.74 0.00	25.90 0.78 0.00	25.03 0.72 0.00	25.57 0.74 0.00	18.99 0.59 0.00	23.48 0.67 0.00	29.50 0.64 0.00	38.77 0.86 0.00	46.76 1.26 0.00	49.83 1.20 0.00	57.62 1.54 0.00	45.41 1.11 0.00	36.60 1.09 0.00	29.01 1.41 0.00
ST LAWRENCE____ 23600	-3.66 -0.20 9.52	-6.24 -0.11 10.07	23.10 -0.57 0.00	21.71 -0.56 0.00	22.25 -0.57 0.00	25.54 -0.47 0.00	33.81 -0.55 0.00	57.68 -0.80 0.00	58.99 -0.81 0.00	20.75 -0.43 0.00	24.80 -0.48 0.00	24.69 -0.43 0.00	23.83 -0.49 0.00	24.34 -0.48 0.00	18.04 -0.36 0.00	22.36 -0.45 0.00	28.27 -0.58 0.00	37.41 -0.50 0.00	44.78 -0.72 0.00	48.01 -0.62 0.00	55.58 -0.49 0.00	44.20 -0.10 0.00	35.34 -0.17 0.00	27.42 -0.18 0.00
STATE_CA_115KV_115_LB 55624	30.91 0.21 -24.65	25.79 0.13 -21.71	24.36 0.70 0.00	22.91 0.65 0.00	23.54 0.73 0.00	26.70 0.69 0.00	35.14 0.78 0.00	59.89 1.41 0.00	61.22 1.42 0.00	21.61 0.43 0.00	25.71 0.43 0.00	25.61 0.49 0.00	24.80 0.48 0.00	25.35 0.53 0.00	18.81 0.41 0.00	23.39 0.59 0.00	29.72 0.87 0.00	39.00 1.08 0.00	46.87 1.37 0.00	49.90 1.27 0.00	57.53 1.45 0.00	45.33 1.03 0.00	36.40 0.88 0.00	28.27 0.67 0.00

STATE_ST_34_KV_LOAD 55959	8.77 -0.01 -2.72	6.33 -0.02 -2.40	23.52 -0.14 0.00	22.14 -0.12 0.00	22.70 -0.12 0.00	25.83 -0.18 0.00	34.16 -0.20 0.00	58.05 -0.43 0.00	59.37 -0.43 0.00	21.09 -0.09 0.00	25.17 -0.11 0.00	24.88 -0.24 0.00	24.04 -0.27 0.00	24.45 -0.37 0.00	18.10 -0.30 0.00	22.40 -0.41 0.00	28.26 -0.59 0.00	37.10 -0.82 0.00	44.73 -0.77 0.00	48.14 -0.49 0.00	55.43 -0.65 0.00	43.81 -0.48 0.00	35.03 -0.48 0.00	27.24 -0.36 0.00
STATION_5_MISC_HYD 23604	8.53 -0.19 -2.67	6.12 -0.18 -2.35	22.80 -0.86 0.00	21.51 -0.75 0.00	22.15 -0.67 0.00	25.30 -0.71 0.00	33.28 -1.08 0.00	55.90 -2.58 0.00	57.40 -2.39 0.00	20.72 -0.46 0.00	25.34 0.06 0.00	25.02 -0.10 0.00	24.05 -0.26 0.00	24.33 -0.49 0.00	17.90 -0.50 0.00	22.10 -0.71 0.00	27.65 -1.20 0.00	36.10 -1.81 0.00	43.57 -1.93 0.00	47.26 -1.37 0.00	53.94 -2.14 0.00	43.06 -1.24 0.00	34.15 -1.36 0.00	26.71 -0.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.59 -0.15 -2.69	6.17 -0.14 -2.37	22.94 -0.73 0.00	21.65 -0.62 0.00	22.27 -0.54 0.00	25.44 -0.57 0.00	33.55 -0.81 0.00	56.52 -1.96 0.00	58.00 -1.80 0.00	20.83 -0.35 0.00	25.29 0.00 0.00	24.94 -0.17 0.00	24.02 -0.29 0.00	24.34 -0.48 0.00	17.93 -0.47 0.00	22.16 -0.65 0.00	27.82 -1.03 0.00	36.42 -1.49 0.00	43.99 -1.50 0.00	47.61 -1.02 0.00	54.43 -1.64 0.00	43.34 -0.96 0.00	34.45 -1.06 0.00	26.88 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.48 -0.22 -2.65	6.08 -0.20 -2.33	22.68 -0.99 0.00	21.40 -0.87 0.00	22.03 -0.78 0.00	25.19 -0.82 0.00	33.14 -1.22 0.00	55.70 -2.77 0.00	57.23 -2.57 0.00	20.63 -0.55 0.00	25.22 -0.07 0.00	24.89 -0.22 0.00	23.94 -0.38 0.00	24.24 -0.58 0.00	17.81 -0.58 0.00	22.01 -0.80 0.00	27.55 -1.30 0.00	35.98 -1.93 0.00	43.42 -2.07 0.00	47.09 -1.55 0.00	53.75 -2.32 0.00	42.89 -1.41 0.00	34.04 -1.47 0.00	26.60 -1.00 0.00
STA_56___34_KV_BUS2 355983	8.48 -0.22 -2.65	6.08 -0.20 -2.33	22.68 -0.99 0.00	21.40 -0.87 0.00	22.03 -0.78 0.00	25.19 -0.82 0.00	33.14 -1.22 0.00	55.70 -2.77 0.00	57.23 -2.57 0.00	20.63 -0.55 0.00	25.22 -0.07 0.00	24.89 -0.22 0.00	23.94 -0.38 0.00	24.24 -0.58 0.00	17.81 -0.58 0.00	22.01 -0.80 0.00	27.55 -1.30 0.00	35.98 -1.93 0.00	43.42 -2.07 0.00	47.09 -1.55 0.00	53.75 -2.32 0.00	42.89 -1.41 0.00	34.04 -1.47 0.00	26.60 -1.00 0.00
STA_67___115KV_BK2 355882	8.51 -0.20 -2.66	6.10 -0.19 -2.35	22.74 -0.93 0.00	21.46 -0.80 0.00	22.10 -0.72 0.00	25.25 -0.76 0.00	33.21 -1.15 0.00	55.80 -2.68 0.00	57.33 -2.46 0.00	20.67 -0.51 0.00	25.29 0.01 0.00	24.96 -0.16 0.00	24.01 -0.30 0.00	24.30 -0.52 0.00	17.86 -0.53 0.00	22.06 -0.75 0.00	27.61 -1.24 0.00	36.03 -1.88 0.00	43.46 -2.03 0.00	47.14 -1.49 0.00	53.82 -2.26 0.00	42.96 -1.34 0.00	34.09 -1.42 0.00	26.66 -0.94 0.00
STA_7___115KV_9TRANS 80674	8.55 -0.17 -2.67	6.13 -0.16 -2.35	22.87 -0.79 0.00	21.59 -0.68 0.00	22.23 -0.58 0.00	25.41 -0.60 0.00	33.44 -0.92 0.00	56.18 -2.30 0.00	57.72 -2.08 0.00	20.81 -0.37 0.00	25.45 0.17 0.00	25.11 -0.01 0.00	24.15 -0.16 0.00	24.45 -0.37 0.00	17.96 -0.44 0.00	22.19 -0.62 0.00	27.77 -1.08 0.00	36.27 -1.64 0.00	43.81 -1.69 0.00	47.52 -1.11 0.00	54.24 -1.84 0.00	43.29 -1.01 0.00	34.33 -1.18 0.00	26.83 -0.77 0.00
STA_82___115KV_TB1 80780	8.52 -0.20 -2.67	6.11 -0.19 -2.35	22.74 -0.93 0.00	21.46 -0.80 0.00	22.10 -0.72 0.00	25.25 -0.76 0.00	33.21 -1.15 0.00	55.82 -2.66 0.00	57.36 -2.43 0.00	20.67 -0.51 0.00	25.28 0.00 0.00	24.96 -0.16 0.00	24.00 -0.31 0.00	24.30 -0.52 0.00	17.85 -0.54 0.00	22.06 -0.75 0.00	27.60 -1.25 0.00	36.03 -1.89 0.00	43.46 -2.03 0.00	47.16 -1.47 0.00	53.83 -2.25 0.00	42.97 -1.33 0.00	34.10 -1.41 0.00	26.66 -0.94 0.00
STEEL___WIND 323596	9.31 -0.32 -3.58	6.83 -0.26 -3.15	22.38 -1.29 0.00	21.14 -1.13 0.00	21.78 -1.04 0.00	24.84 -1.17 0.00	32.62 -1.74 0.00	54.74 -3.73 0.00	56.48 -3.32 0.00	20.48 -0.70 0.00	25.21 -0.08 0.00	24.85 -0.27 0.00	23.91 -0.41 0.00	24.13 -0.69 0.00	17.76 -0.63 0.00	21.87 -0.93 0.00	27.29 -1.56 0.00	35.51 -2.40 0.00	42.73 -2.76 0.00	46.44 -2.20 0.00	52.87 -3.20 0.00	42.31 -1.99 0.00	33.51 -2.00 0.00	26.24 -1.36 0.00
STEPHTWN_115KV_BK_2 55603	30.73 0.25 -24.43	25.61 0.15 -21.52	24.44 0.78 0.00	22.99 0.72 0.00	23.57 0.75 0.00	26.84 0.82 0.00	35.39 1.03 0.00	60.30 1.82 0.00	61.56 1.76 0.00	21.67 0.49 0.00	25.81 0.53 0.00	25.71 0.59 0.00	24.87 0.56 0.00	25.43 0.61 0.00	18.87 0.47 0.00	23.45 0.64 0.00	29.89 1.04 0.00	39.28 1.37 0.00	47.25 1.75 0.00	50.33 1.70 0.00	58.11 2.04 0.00	45.62 1.32 0.00	36.64 1.13 0.00	28.43 0.83 0.00
STEUBEN_REC_LFGE 323667	10.49 -0.33 -4.77	7.88 -0.26 -4.20	22.54 -1.13 0.00	21.40 -0.86 0.00	22.19 -0.63 0.00	25.12 -0.89 0.00	33.14 -1.22 0.00	56.23 -2.25 0.00	58.08 -1.72 0.00	20.83 -0.36 0.00	25.31 0.03 0.00	24.98 -0.14 0.00	24.23 -0.08 0.00	24.49 -0.33 0.00	18.04 -0.36 0.00	22.25 -0.56 0.00	28.04 -0.81 0.00	36.78 -1.13 0.00	44.74 -0.76 0.00	48.80 0.17 0.00	55.72 -0.36 0.00	44.30 0.00 0.00	35.07 -0.44 0.00	27.36 -0.24 0.00
STILLWATER___SOLAR 323814	31.46 0.31 -25.09	26.25 0.21 -22.10	24.87 1.20 0.00	23.37 1.11 0.00	24.07 1.25 0.00	27.37 1.36 0.00	36.09 1.73 0.00	61.32 2.85 0.00	62.42 2.63 0.00	21.87 0.70 0.00	25.97 0.68 0.00	25.85 0.73 0.00	24.98 0.67 0.00	25.53 0.71 0.00	18.95 0.55 0.00	23.55 0.74 0.00	29.81 0.96 0.00	39.29 1.38 0.00	47.38 1.89 0.00	50.54 1.90 0.00	58.35 2.28 0.00	46.00 1.70 0.00	36.96 1.45 0.00	28.91 1.31 0.00
STONY___BROOK 24151	26.67 0.50 -20.11	21.98 0.32 -17.71	25.27 1.61 0.00	23.71 1.45 0.00	24.42 1.61 0.00	27.75 1.73 0.00	36.84 2.48 0.00	62.53 4.05 0.00	64.28 4.48 0.00	22.90 1.72 0.00	26.38 1.89 0.79	24.36 2.11 2.87	21.29 2.28 5.30	26.32 2.57 1.07	18.01 1.99 2.38	21.40 2.59 4.00	25.29 3.71 7.27	34.46 4.57 8.01	144.85 5.03 -94.33	173.77 4.89 -120.25	170.61 5.43 -109.11	312.43 3.93 -264.21	140.24 2.81 -101.91	29.81 2.21 0.00
STURGEON_POOL_HYD 23609	27.01 0.37 -20.58	22.31 0.24 -18.13	24.92 1.26 0.00	23.44 1.18 0.00	24.08 1.26 0.00	27.30 1.29 0.00	36.18 1.82 0.00	61.63 3.15 0.00	63.11 3.31 0.00	22.47 1.29 0.00	26.86 1.58 0.00	26.75 1.64 0.00	26.03 1.72 0.00	26.67 1.85 0.00	19.79 1.40 0.00	24.60 1.79 0.00	31.26 2.41 0.00	41.03 3.12 0.00	48.95 3.46 0.00	52.00 3.37 0.00	59.73 3.66 0.00	46.92 2.63 0.00	37.64 2.13 0.00	29.16 1.56 0.00
ST_LAW_115_BK7_LBMP 345037	-3.60 -0.21 9.45	-6.16 -0.11 9.99	23.07 -0.60 0.00	21.68 -0.58 0.00	22.23 -0.59 0.00	25.52 -0.49 0.00	33.79 -0.57 0.00	57.67 -0.81 0.00	58.95 -0.85 0.00	20.72 -0.46 0.00	24.77 -0.52 0.00	24.65 -0.46 0.00	23.79 -0.53 0.00	24.31 -0.51 0.00	18.01 -0.39 0.00	22.33 -0.48 0.00	28.23 -0.62 0.00	37.37 -0.55 0.00	44.70 -0.79 0.00	47.94 -0.69 0.00	55.50 -0.58 0.00	44.18 -0.12 0.00	35.31 -0.19 0.00	27.39 -0.21 0.00

ST_LAW_115_BK8_LBMP 345038	-3.60 -0.21 9.45	-6.16 -0.11 9.99	23.07 -0.60 0.00	21.68 -0.58 0.00	22.23 -0.59 0.00	25.52 -0.49 0.00	33.79 -0.57 0.00	57.67 -0.81 0.00	58.95 -0.85 0.00	20.72 -0.46 0.00	24.77 -0.52 0.00	24.65 -0.46 0.00	23.79 -0.53 0.00	24.31 -0.51 0.00	18.01 -0.39 0.00	22.33 -0.48 0.00	28.23 -0.62 0.00	37.37 -0.55 0.00	44.70 -0.79 0.00	47.94 -0.69 0.00	55.50 -0.58 0.00	44.18 -0.12 0.00	35.31 -0.19 0.00	27.39 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	-3.79 -0.20 9.65	-6.37 -0.11 10.21	23.10 -0.57 0.00	21.71 -0.56 0.00	22.25 -0.57 0.00	25.54 -0.47 0.00	33.81 -0.55 0.00	57.68 -0.80 0.00	58.99 -0.81 0.00	20.75 -0.43 0.00	24.80 -0.48 0.00	24.69 -0.43 0.00	23.83 -0.49 0.00	24.34 -0.48 0.00	18.04 -0.36 0.00	22.36 -0.45 0.00	28.27 -0.58 0.00	37.41 -0.50 0.00	44.78 -0.72 0.00	48.01 -0.62 0.00	55.58 -0.49 0.00	44.20 -0.10 0.00	35.34 -0.17 0.00	27.42 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	-3.79 -0.20 9.65	-6.37 -0.11 10.21	23.10 -0.57 0.00	21.71 -0.56 0.00	22.25 -0.57 0.00	25.54 -0.47 0.00	33.81 -0.55 0.00	57.68 -0.80 0.00	58.99 -0.81 0.00	20.75 -0.43 0.00	24.80 -0.48 0.00	24.69 -0.43 0.00	23.83 -0.49 0.00	24.34 -0.48 0.00	18.04 -0.36 0.00	22.36 -0.45 0.00	28.27 -0.58 0.00	37.41 -0.50 0.00	44.78 -0.72 0.00	48.01 -0.62 0.00	55.58 -0.49 0.00	44.20 -0.10 0.00	35.34 -0.17 0.00	27.42 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.19 0.35 -18.79	20.71 0.22 -16.55	24.77 1.11 0.00	23.31 1.04 0.00	23.94 1.12 0.00	27.15 1.14 0.00	35.97 1.61 0.00	61.24 2.76 0.00	62.69 2.90 0.00	22.30 1.12 0.00	26.66 1.38 0.00	26.54 1.42 0.00	25.83 1.52 0.00	26.47 1.65 0.00	19.63 1.24 0.00	24.39 1.58 0.00	31.01 2.16 0.00	40.63 2.72 0.00	48.53 3.04 0.00	51.62 2.99 0.00	59.30 3.22 0.00	46.58 2.28 0.00	37.38 1.87 0.00	28.97 1.37 0.00
SWANROAD_115KV_TB1 355699	8.86 -0.49 -3.30	6.50 -0.35 -2.91	21.75 -1.92 0.00	20.52 -1.75 0.00	21.15 -1.66 0.00	24.15 -1.86 0.00	31.64 -2.72 0.00	52.83 -5.65 0.00	54.53 -5.27 0.00	19.80 -1.38 0.00	24.49 -0.80 0.00	24.08 -1.04 0.00	23.15 -1.16 0.00	23.34 -1.47 0.00	17.18 -1.22 0.00	21.17 -1.64 0.00	26.32 -2.53 0.00	34.12 -3.79 0.00	41.10 -4.39 0.00	44.74 -3.89 0.00	50.86 -5.21 0.00	40.82 -3.47 0.00	32.39 -3.12 0.00	25.44 -2.16 0.00
SYNERGY___BIOGAS 323694	8.87 -0.23 -3.05	6.44 -0.19 -2.69	22.69 -0.98 0.00	21.42 -0.85 0.00	22.12 -0.70 0.00	25.30 -0.71 0.00	33.29 -1.07 0.00	55.75 -2.73 0.00	57.16 -2.64 0.00	20.56 -0.62 0.00	25.26 -0.02 0.00	24.84 -0.28 0.00	23.86 -0.45 0.00	24.07 -0.76 0.00	17.67 -0.73 0.00	21.77 -1.04 0.00	27.14 -1.72 0.00	35.37 -2.54 0.00	42.94 -2.55 0.00	47.14 -1.49 0.00	53.79 -2.28 0.00	43.04 -1.26 0.00	34.07 -1.44 0.00	26.66 -0.94 0.00
SYRACUSE___ENERGY_ST1 323597	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.22 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.39 -0.42 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.85 0.00	43.57 -0.73 0.00	34.89 -0.62 0.00	27.12 -0.48 0.00
SYRACUSE___ENERGY_ST2 323598	8.23 -0.03 -2.21	5.86 -0.03 -1.95	23.44 -0.22 0.00	22.05 -0.21 0.00	22.59 -0.22 0.00	25.69 -0.32 0.00	33.97 -0.39 0.00	57.78 -0.70 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.36 0.00	24.41 -0.41 0.00	18.09 -0.31 0.00	22.39 -0.42 0.00	28.25 -0.60 0.00	37.09 -0.82 0.00	44.68 -0.81 0.00	47.92 -0.71 0.00	55.22 -0.85 0.00	43.57 -0.73 0.00	34.89 -0.62 0.00	27.12 -0.48 0.00
SYRACUSE___POWER 24017	8.33 -0.02 -2.30	5.95 -0.02 -2.03	23.47 -0.19 0.00	22.07 -0.19 0.00	22.63 -0.19 0.00	25.72 -0.29 0.00	34.03 -0.33 0.00	57.92 -0.56 0.00	59.20 -0.60 0.00	21.07 -0.11 0.00	25.11 -0.18 0.00	24.86 -0.26 0.00	24.05 -0.26 0.00	24.51 -0.31 0.00	18.17 -0.22 0.00	22.48 -0.32 0.00	28.39 -0.46 0.00	37.27 -0.64 0.00	44.84 -0.65 0.00	48.07 -0.56 0.00	55.39 -0.69 0.00	43.70 -0.60 0.00	34.99 -0.52 0.00	27.18 -0.42 0.00
TALLMAN___138KV_BK151 55660	25.77 0.40 -19.32	21.21 0.25 -17.02	24.93 1.26 0.00	23.45 1.18 0.00	24.08 1.26 0.00	27.30 1.29 0.00	36.22 1.86 0.00	61.68 3.20 0.00	63.17 3.37 0.00	22.51 1.33 0.00	26.92 1.64 0.00	26.82 1.70 0.00	26.13 1.82 0.00	26.79 1.98 0.00	19.86 1.47 0.00	24.68 1.87 0.00	31.40 2.55 0.00	41.07 3.16 0.00	48.99 3.50 0.00	52.05 3.42 0.00	59.78 3.70 0.00	46.93 2.63 0.00	37.66 2.15 0.00	29.16 1.56 0.00
TEALLAVE_115KV_TB7 355573	7.97 -0.04 -1.96	5.63 -0.04 -1.72	23.39 -0.28 0.00	22.00 -0.26 0.00	22.54 -0.28 0.00	25.63 -0.38 0.00	33.89 -0.47 0.00	57.71 -0.77 0.00	59.00 -0.80 0.00	20.97 -0.21 0.00	24.99 -0.29 0.00	24.74 -0.38 0.00	23.95 -0.37 0.00	24.41 -0.41 0.00	18.10 -0.30 0.00	22.40 -0.41 0.00	28.27 -0.58 0.00	37.11 -0.80 0.00	44.64 -0.85 0.00	47.83 -0.81 0.00	55.11 -0.97 0.00	43.47 -0.83 0.00	34.80 -0.71 0.00	27.05 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	8.86 -0.35 -3.16	6.46 -0.27 -2.78	22.24 -1.43 0.00	21.00 -1.27 0.00	21.65 -1.17 0.00	24.74 -1.27 0.00	32.48 -1.88 0.00	54.34 -4.14 0.00	55.98 -3.81 0.00	20.26 -0.92 0.00	24.98 -0.30 0.00	24.57 -0.55 0.00	23.60 -0.71 0.00	23.82 -1.00 0.00	17.50 -0.89 0.00	21.58 -1.23 0.00	26.87 -1.98 0.00	34.94 -2.97 0.00	42.19 -3.31 0.00	46.02 -2.61 0.00	52.40 -3.68 0.00	41.99 -2.30 0.00	33.27 -2.24 0.00	26.09 -1.51 0.00
TEMPLE___115KV_TB 2 55572	7.99 -0.04 -1.98	5.65 -0.03 -1.74	23.40 -0.27 0.00	22.01 -0.26 0.00	22.54 -0.27 0.00	25.63 -0.38 0.00	33.89 -0.47 0.00	57.72 -0.76 0.00	59.00 -0.80 0.00	20.98 -0.20 0.00	25.00 -0.28 0.00	24.76 -0.36 0.00	23.96 -0.35 0.00	24.43 -0.39 0.00	18.11 -0.28 0.00	22.41 -0.40 0.00	28.29 -0.56 0.00	37.12 -0.79 0.00	44.66 -0.84 0.00	47.83 -0.80 0.00	55.11 -0.97 0.00	43.47 -0.83 0.00	34.81 -0.71 0.00	27.05 -0.55 0.00
TIANA____69_KV_BK 1 55817	26.67 0.50 -20.11	21.97 0.31 -17.71	25.22 1.55 0.00	23.64 1.38 0.00	24.37 1.55 0.00	27.70 1.69 0.00	36.80 2.44 0.00	62.47 3.99 0.00	64.25 4.45 0.00	22.87 1.69 0.00	26.20 1.72 0.80	24.14 1.94 2.92	21.19 2.26 5.38	26.42 2.69 1.09	18.07 2.08 2.41	21.41 2.66 4.05	25.32 3.84 7.37	34.74 4.95 8.13	122.49 5.22 -71.78	145.60 4.91 -92.05	145.61 5.93 -83.61	253.65 4.54 -204.81	117.91 3.37 -79.03	30.13 2.53 0.00
TILDEN___115KV_TB1 80814	8.33 -0.02 -2.30	5.95 -0.02 -2.03	23.47 -0.19 0.00	22.07 -0.19 0.00	22.63 -0.19 0.00	25.72 -0.29 0.00	34.03 -0.33 0.00	57.92 -0.56 0.00	59.20 -0.60 0.00	21.07 -0.11 0.00	25.11 -0.18 0.00	24.86 -0.26 0.00	24.05 -0.26 0.00	24.51 -0.31 0.00	18.17 -0.22 0.00	22.48 -0.32 0.00	28.39 -0.46 0.00	37.27 -0.64 0.00	44.84 -0.65 0.00	48.07 -0.56 0.00	55.39 -0.69 0.00	43.70 -0.60 0.00	34.99 -0.52 0.00	27.18 -0.42 0.00

TRIGEN___CC 323695	26.58 0.42 -20.11	21.93 0.27 -17.71	24.99 1.32 0.00	23.48 1.22 0.00	24.17 1.35 0.00	27.42 1.40 0.00	36.38 2.02 0.00	61.82 3.35 0.00	63.42 3.62 0.00	22.62 1.44 0.00	27.22 1.78 -0.15	27.60 2.01 -0.47	26.58 2.13 -0.13	27.32 2.33 -0.16	19.71 1.77 0.46	24.82 2.28 0.27	31.37 3.18 0.66	41.55 3.79 0.15	52.04 4.17 -2.38	52.70 4.07 0.00	60.57 4.49 0.00	47.48 3.18 0.00	37.79 2.28 0.00	29.33 1.73 0.00
TRINITY___115KV___4 BK 55933	30.71 0.18 -24.48	25.62 0.12 -21.56	24.30 0.63 0.00	22.85 0.58 0.00	23.48 0.66 0.00	26.63 0.62 0.00	35.02 0.66 0.00	59.67 1.20 0.00	61.02 1.23 0.00	21.54 0.36 0.00	25.63 0.35 0.00	25.54 0.42 0.00	24.72 0.41 0.00	25.28 0.46 0.00	18.75 0.35 0.00	23.32 0.51 0.00	29.60 0.76 0.00	38.83 0.91 0.00	46.63 1.14 0.00	49.64 1.01 0.00	57.26 1.18 0.00	45.12 0.82 0.00	36.26 0.74 0.00	28.18 0.58 0.00
UNION___PROCESSING_DRP 323587	8.53 -0.20 -2.68	6.11 -0.19 -2.36	22.74 -0.92 0.00	21.47 -0.80 0.00	22.10 -0.71 0.00	25.26 -0.75 0.00	33.22 -1.14 0.00	55.83 -2.65 0.00	57.37 -2.42 0.00	20.68 -0.51 0.00	25.29 0.01 0.00	24.96 -0.16 0.00	24.01 -0.30 0.00	24.30 -0.52 0.00	17.85 -0.54 0.00	22.06 -0.75 0.00	27.61 -1.24 0.00	36.04 -1.87 0.00	43.46 -2.03 0.00	47.17 -1.47 0.00	53.85 -2.23 0.00	42.98 -1.31 0.00	34.11 -1.40 0.00	26.67 -0.94 0.00
UPPER HUDSON___HYD 24058	31.55 0.30 -25.19	26.35 0.21 -22.19	24.89 1.23 0.00	23.41 1.15 0.00	24.13 1.32 0.00	27.52 1.51 0.00	36.33 1.98 0.00	61.75 3.27 0.00	62.75 2.96 0.00	21.94 0.76 0.00	26.03 0.74 0.00	25.90 0.78 0.00	25.03 0.72 0.00	25.56 0.74 0.00	18.99 0.59 0.00	23.48 0.67 0.00	29.50 0.64 0.00	38.77 0.86 0.00	46.76 1.26 0.00	49.83 1.20 0.00	57.61 1.54 0.00	45.41 1.11 0.00	36.60 1.09 0.00	29.01 1.41 0.00
UPPER RAQUET___HYD 24056	1.36 -0.36 4.32	-1.41 -0.22 5.14	29.51 -1.23 -7.07	27.93 -1.18 -6.84	28.64 -1.11 -6.93	26.28 -0.94 -1.21	33.93 -1.06 -0.63	56.93 -1.54 0.00	58.01 -1.78 0.00	20.31 -0.87 0.00	24.15 -1.14 0.00	23.97 -1.14 0.00	23.11 -1.20 0.00	23.74 -1.07 0.00	17.64 -0.76 0.00	21.75 -1.06 0.00	27.42 -1.43 0.00	36.50 -1.42 0.00	43.66 -1.84 0.00	47.11 -1.52 0.00	54.81 -1.26 0.00	43.95 -0.35 0.00	35.02 -0.49 0.00	27.09 -0.51 0.00
VALLEY44_115KV_TB2 355964	9.96 -0.16 -4.06	7.36 -0.16 -3.58	23.02 -0.64 0.00	21.77 -0.50 0.00	22.42 -0.40 0.00	25.50 -0.51 0.00	33.45 -0.91 0.00	56.29 -2.19 0.00	58.06 -1.73 0.00	21.02 -0.16 0.00	25.73 0.45 0.00	25.46 0.34 0.00	24.73 0.41 0.00	25.01 0.19 0.00	18.38 -0.01 0.00	22.54 -0.27 0.00	28.30 -0.55 0.00	36.74 -1.17 0.00	44.06 -1.44 0.00	47.68 -0.95 0.00	54.36 -1.72 0.00	43.34 -0.96 0.00	34.36 -1.15 0.00	26.99 -0.61 0.00
VALLEY___115KV_TB 1-4 80826	6.70 0.01 -0.63	4.62 0.00 -0.67	23.64 -0.02 0.00	22.24 -0.03 0.00	22.89 0.07 0.00	26.05 0.04 0.00	34.42 0.06 0.00	58.60 0.12 0.00	59.78 -0.01 0.00	20.91 -0.27 0.00	24.72 -0.56 0.00	24.53 -0.59 0.00	23.70 -0.61 0.00	24.15 -0.67 0.00	17.89 -0.51 0.00	22.15 -0.66 0.00	28.21 -0.64 0.00	37.23 -0.69 0.00	45.27 -0.23 0.00	48.70 0.07 0.00	56.29 0.22 0.00	44.29 -0.01 0.00	35.56 0.05 0.00	27.70 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.92 0.21 -8.66	11.70 0.13 -7.62	24.37 0.71 0.00	22.94 0.67 0.00	23.53 0.71 0.00	26.78 0.77 0.00	35.48 1.12 0.00	60.39 1.92 0.00	61.85 2.05 0.00	21.97 0.79 0.00	26.19 0.91 0.00	25.95 0.83 0.00	25.15 0.83 0.00	25.64 0.82 0.00	19.00 0.60 0.00	23.55 0.75 0.00	29.88 1.03 0.00	39.40 1.48 0.00	47.37 1.88 0.00	50.66 2.03 0.00	58.26 2.19 0.00	45.92 1.63 0.00	36.80 1.29 0.00	28.56 0.95 0.00
VISCHER___FERRY HYD 24020	31.11 0.26 -24.80	25.95 0.17 -21.84	24.64 0.97 0.00	23.16 0.90 0.00	23.84 1.03 0.00	27.05 1.04 0.00	35.59 1.23 0.00	60.59 2.11 0.00	61.82 2.03 0.00	21.74 0.56 0.00	25.83 0.54 0.00	25.73 0.61 0.00	24.87 0.55 0.00	25.42 0.60 0.00	18.87 0.47 0.00	23.49 0.68 0.00	29.75 0.90 0.00	39.18 1.26 0.00	47.11 1.61 0.00	50.15 1.52 0.00	57.92 1.84 0.00	45.69 1.39 0.00	36.71 1.20 0.00	28.60 1.00 0.00
V_A_10_SYNC_DSASP 323832	8.74 -0.32 -3.00	6.32 -0.26 -2.64	22.34 -1.32 0.00	21.09 -1.18 0.00	21.72 -1.10 0.00	24.78 -1.24 0.00	32.50 -1.86 0.00	54.44 -4.04 0.00	56.03 -3.76 0.00	20.30 -0.88 0.00	24.98 -0.30 0.00	24.67 -0.45 0.00	23.72 -0.60 0.00	23.95 -0.87 0.00	17.63 -0.77 0.00	21.75 -1.06 0.00	27.12 -1.73 0.00	35.27 -2.64 0.00	42.42 -3.08 0.00	46.02 -2.62 0.00	52.43 -3.65 0.00	41.95 -2.35 0.00	33.29 -2.22 0.00	26.11 -1.49 0.00
V_CMM_10_SYNC_DSASP 323787	-3.57 -0.17 9.45	-6.14 -0.09 9.99	23.18 -0.48 0.00	21.79 -0.47 0.00	22.34 -0.47 0.00	25.65 -0.36 0.00	33.97 -0.39 0.00	57.96 -0.52 0.00	59.24 -0.55 0.00	20.81 -0.37 0.00	24.90 -0.38 0.00	24.78 -0.34 0.00	23.92 -0.39 0.00	24.43 -0.39 0.00	18.10 -0.30 0.00	22.44 -0.37 0.00	28.36 -0.49 0.00	37.56 -0.35 0.00	44.93 -0.57 0.00	48.19 -0.45 0.00	55.78 -0.29 0.00	44.41 0.11 0.00	35.49 -0.02 0.00	27.52 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	-21.09 -0.30 26.84	-21.52 -0.19 25.27	-21.28 -1.06 43.89	-21.27 -1.03 42.51	-21.24 -1.01 43.04	17.72 -0.77 7.52	29.43 -0.99 3.94	57.16 -1.32 0.00	58.63 -1.17 0.00	20.49 -0.69 0.00	24.35 -0.94 0.00	24.38 -0.74 0.00	23.54 -0.77 0.00	24.17 -0.65 0.00	18.02 -0.37 0.00	22.39 -0.42 0.00	28.41 -0.44 0.00	37.95 0.04 0.00	45.71 0.22 0.00	48.99 0.35 0.00	57.08 1.00 0.00	45.27 0.98 0.00	36.18 0.67 0.00	28.18 0.58 0.00
V_D_10_SYNC_DSASP 323841	-2.66 -0.16 8.56	-5.29 -0.08 9.15	24.72 -0.40 -1.46	23.28 -0.41 -1.42	23.87 -0.38 -1.43	26.03 -0.23 -0.25	34.28 -0.21 -0.13	58.28 -0.20 0.00	59.51 -0.28 0.00	20.92 -0.26 0.00	24.99 -0.29 0.00	24.86 -0.26 0.00	23.98 -0.33 0.00	24.52 -0.30 0.00	18.17 -0.23 0.00	22.51 -0.30 0.00	28.43 -0.42 0.00	37.68 -0.23 0.00	44.95 -0.54 0.00	48.28 -0.35 0.00	55.94 -0.13 0.00	44.70 0.41 0.00	35.71 0.20 0.00	27.68 0.08 0.00
V_E_10_SYNC_DSASP 323830	12.48 0.09 -6.34	9.57 0.05 -5.58	23.59 -0.07 0.00	22.18 -0.09 0.00	22.82 0.00 0.00	26.38 0.36 0.00	35.11 0.75 0.00	61.71 3.23 0.00	63.39 3.59 0.00	22.59 1.40 0.00	26.34 1.06 0.00	25.89 0.77 0.00	24.99 0.68 0.00	25.25 0.43 0.00	18.70 0.30 0.00	23.07 0.26 0.00	29.64 0.79 0.00	39.92 2.01 0.00	49.18 3.69 0.00	54.71 6.08 0.00	63.56 7.48 0.00	49.84 5.54 0.00	39.68 4.17 0.00	30.63 3.03 0.00
V_F_30_NSYNC___DSASP 323816	31.51 0.32 -25.14	26.29 0.21 -22.14	24.89 1.23 0.00	23.39 1.12 0.00	24.09 1.27 0.00	27.39 1.38 0.00	36.13 1.77 0.00	61.41 2.93 0.00	62.51 2.72 0.00	21.93 0.74 0.00	26.04 0.76 0.00	25.92 0.80 0.00	25.05 0.73 0.00	25.60 0.78 0.00	19.00 0.60 0.00	23.61 0.80 0.00	29.89 1.04 0.00	39.38 1.46 0.00	47.47 1.98 0.00	50.62 1.99 0.00	58.42 2.35 0.00	46.06 1.76 0.00	37.00 1.48 0.00	28.93 1.33 0.00

V_F_30_SYNC_DSASP 323786	30.90 0.21 -24.64	25.78 0.13 -21.70	24.36 0.69 0.00	22.91 0.65 0.00	23.54 0.73 0.00	26.70 0.69 0.00	35.14 0.78 0.00	59.88 1.40 0.00	61.21 1.41 0.00	21.61 0.42 0.00	25.71 0.43 0.00	25.61 0.49 0.00	24.79 0.48 0.00	25.35 0.53 0.00	18.80 0.41 0.00	23.39 0.58 0.00	29.72 0.87 0.00	38.99 1.08 0.00	46.86 1.37 0.00	49.89 1.26 0.00	57.52 1.45 0.00	45.32 1.02 0.00	36.40 0.88 0.00	28.27 0.67 0.00
V_XM_10_SYNC_DSASP 323789	-21.09 -0.30 26.84	-21.52 -0.19 25.27	-21.28 -1.06 43.89	-21.27 -1.03 42.51	-21.24 -1.01 43.04	17.72 -0.77 7.52	29.43 -0.99 3.94	57.16 -1.32 0.00	58.63 -1.17 0.00	20.49 -0.69 0.00	24.35 -0.94 0.00	24.38 -0.74 0.00	23.54 -0.77 0.00	24.17 -0.65 0.00	18.02 -0.37 0.00	22.39 -0.42 0.00	28.41 -0.44 0.00	37.95 0.04 0.00	45.71 0.22 0.00	48.99 0.35 0.00	57.08 1.00 0.00	45.27 0.98 0.00	36.18 0.67 0.00	28.18 0.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.95 0.42 -19.48	21.36 0.26 -17.15	25.00 1.34 0.00	23.52 1.25 0.00	24.16 1.34 0.00	27.40 1.39 0.00	36.35 1.99 0.00	61.89 3.41 0.00	63.37 3.58 0.00	22.58 1.40 0.00	27.00 1.72 0.00	26.90 1.78 0.00	26.20 1.89 0.00	26.86 2.04 0.00	19.92 1.53 0.00	24.75 1.94 0.00	31.49 2.64 0.00	41.22 3.31 0.00	49.17 3.67 0.00	52.25 3.61 0.00	60.00 3.92 0.00	47.09 2.80 0.00	37.77 2.26 0.00	29.26 1.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.61 0.46 -20.10	21.94 0.29 -17.71	25.17 1.51 0.00	23.67 1.41 0.00	24.31 1.50 0.00	27.55 1.53 0.00	36.57 2.21 0.00	62.32 3.85 0.00	63.89 4.10 0.00	22.83 1.65 0.00	27.35 2.07 0.00	27.26 2.14 0.00	26.55 2.24 0.00	27.59 2.40 -0.37	27.03 1.76 -6.87	29.76 2.23 -4.72	38.84 2.99 -7.00	43.18 3.73 -1.54	49.55 4.06 0.00	52.57 3.94 0.00	60.34 4.26 0.00	47.32 3.02 0.00	38.02 2.51 0.00	29.45 1.85 0.00
W50THST__13_KV_LOAD 356117	26.64 0.48 -20.10	21.95 0.30 -17.71	25.26 1.60 0.00	23.76 1.50 0.00	24.41 1.59 0.00	27.66 1.65 0.00	36.74 2.38 0.00	62.67 4.20 0.00	64.29 4.49 0.00	22.98 1.80 0.00	27.54 2.26 0.00	27.45 2.33 0.00	26.74 2.43 0.00	27.78 2.59 -0.37	27.17 1.90 -6.87	29.93 2.40 -4.72	39.06 3.20 -7.00	43.46 4.01 -1.54	49.83 4.34 0.00	52.84 4.21 0.00	60.60 4.53 0.00	47.52 3.22 0.00	38.17 2.66 0.00	29.57 1.97 0.00
WADING RIVER_IC_1 23522	26.66 0.50 -20.11	21.97 0.32 -17.71	25.22 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.80 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.16 1.97 2.92	21.12 2.19 5.39	26.28 2.54 1.09	17.97 1.98 2.41	21.31 2.56 4.06	25.15 3.69 7.38	34.39 4.62 8.15	122.03 4.98 -71.55	145.24 4.83 -91.77	145.06 5.64 -83.35	252.73 4.20 -204.23	117.37 3.05 -78.81	29.92 2.32 0.00
WADING RIVER_IC_2 23547	26.66 0.50 -20.11	21.97 0.32 -17.71	25.22 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.80 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.16 1.97 2.92	21.12 2.19 5.39	26.28 2.54 1.09	17.97 1.98 2.41	21.31 2.56 4.06	25.15 3.69 7.38	34.39 4.62 8.15	122.03 4.98 -71.55	145.24 4.83 -91.77	145.06 5.64 -83.35	252.73 4.20 -204.23	117.37 3.05 -78.81	29.92 2.32 0.00
WADING RIVER_IC_3 23601	26.66 0.50 -20.11	21.97 0.32 -17.71	25.22 1.56 0.00	23.67 1.40 0.00	24.39 1.57 0.00	27.71 1.70 0.00	36.80 2.44 0.00	62.46 3.98 0.00	64.22 4.43 0.00	22.87 1.69 0.00	26.22 1.74 0.80	24.16 1.97 2.92	21.12 2.19 5.39	26.28 2.54 1.09	17.97 1.98 2.41	21.31 2.56 4.06	25.15 3.69 7.38	34.39 4.62 8.15	122.03 4.98 -71.55	145.24 4.83 -91.77	145.06 5.64 -83.35	252.73 4.20 -204.23	117.37 3.05 -78.81	29.92 2.32 0.00
WALDENNY_12_KV_BK2 80841	9.28 -0.32 -3.55	6.81 -0.27 -3.13	22.36 -1.30 0.00	21.12 -1.14 0.00	21.76 -1.06 0.00	24.85 -1.17 0.00	32.64 -1.73 0.00	54.74 -3.73 0.00	56.53 -3.27 0.00	20.47 -0.71 0.00	25.23 -0.05 0.00	24.85 -0.27 0.00	23.94 -0.38 0.00	24.16 -0.66 0.00	17.77 -0.62 0.00	21.90 -0.91 0.00	27.32 -1.53 0.00	35.50 -2.41 0.00	42.73 -2.77 0.00	46.43 -2.20 0.00	52.82 -3.26 0.00	42.30 -2.00 0.00	33.50 -2.01 0.00	26.26 -1.34 0.00
WALDEN__HYDRO 24148	25.91 0.38 -19.48	21.34 0.24 -17.16	24.90 1.24 0.00	23.42 1.16 0.00	24.05 1.24 0.00	27.28 1.27 0.00	36.15 1.79 0.00	61.57 3.09 0.00	63.02 3.22 0.00	22.39 1.21 0.00	26.74 1.46 0.00	26.63 1.52 0.00	25.91 1.60 0.00	26.55 1.73 0.00	19.69 1.30 0.00	24.47 1.66 0.00	31.11 2.27 0.00	40.83 2.92 0.00	48.79 3.30 0.00	51.92 3.29 0.00	59.66 3.59 0.00	46.87 2.57 0.00	37.58 2.07 0.00	29.13 1.52 0.00
WARRENSBURG____ 23737	31.55 0.30 -25.19	26.35 0.21 -22.19	24.89 1.23 0.00	23.41 1.15 0.00	24.14 1.32 0.00	27.52 1.51 0.00	36.34 1.98 0.00	61.75 3.27 0.00	62.75 2.96 0.00	21.94 0.76 0.00	26.03 0.74 0.00	25.90 0.78 0.00	25.03 0.72 0.00	25.57 0.74 0.00	18.99 0.59 0.00	23.48 0.67 0.00	29.50 0.64 0.00	38.77 0.86 0.00	46.76 1.26 0.00	49.83 1.20 0.00	57.62 1.54 0.00	45.41 1.11 0.00	36.60 1.09 0.00	29.01 1.41 0.00
WATERSIDE____6 8 9 23538	26.62 0.46 -20.11	21.95 0.29 -17.71	25.20 1.53 0.00	23.70 1.43 0.00	24.34 1.52 0.00	27.57 1.56 0.00	36.58 2.23 0.00	62.35 3.87 0.00	63.94 4.14 0.00	22.86 1.68 0.00	27.36 2.07 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.83 2.40 -0.60	31.20 1.72 -11.09	32.60 2.18 -7.61	43.07 2.93 -11.30	44.10 3.71 -2.48	49.54 4.05 0.00	52.55 3.92 0.00	60.32 4.25 0.00	47.33 3.03 0.00	38.05 2.54 0.00	29.48 1.88 0.00
WATKINRD_115KV_LN8_ILLION 55919	6.71 0.02 -0.63	4.62 0.01 -0.67	23.68 0.02 0.00	22.28 0.02 0.00	22.89 0.07 0.00	26.06 0.04 0.00	34.43 0.06 0.00	58.61 0.13 0.00	59.84 0.05 0.00	21.02 -0.16 0.00	24.92 -0.36 0.00	24.73 -0.39 0.00	23.92 -0.40 0.00	24.39 -0.44 0.00	18.07 -0.33 0.00	22.40 -0.40 0.00	28.48 -0.37 0.00	37.53 -0.38 0.00	45.46 -0.03 0.00	48.81 0.17 0.00	56.35 0.28 0.00	44.38 0.08 0.00	35.61 0.10 0.00	27.71 0.11 0.00
WATSON____69_KV_BK 1 55734	26.70 0.53 -20.11	22.00 0.34 -17.71	25.38 1.71 0.00	23.83 1.56 0.00	24.54 1.72 0.00	27.88 1.87 0.00	37.05 2.69 0.00	62.92 4.45 0.00	64.65 4.86 0.00	23.00 1.82 0.00	26.64 2.04 0.68	24.89 2.25 2.48	22.09 2.40 4.62	26.56 2.67 0.93	18.29 2.05 2.15	21.92 2.66 3.54	26.23 3.82 6.44	35.61 4.72 7.03	84.66 5.22 -33.94	98.21 5.23 -44.34	102.22 5.75 -40.40	151.13 4.25 -102.58	78.19 3.06 -39.63	29.93 2.33 0.00
WDELAWARE__HYD 323627	24.80 0.41 -18.34	20.38 0.28 -16.15	25.20 1.53 0.00	23.71 1.45 0.00	24.36 1.54 0.00	27.66 1.65 0.00	36.65 2.29 0.00	62.38 3.90 0.00	63.75 3.96 0.00	22.62 1.43 0.00	27.04 1.75 0.00	26.89 1.77 0.00	26.14 1.83 0.00	26.74 1.92 0.00	19.68 1.29 0.00	24.42 1.61 0.00	31.09 2.25 0.00	40.92 3.00 0.00	49.04 3.55 0.00	52.26 3.62 0.00	60.05 3.98 0.00	47.13 2.83 0.00	37.75 2.24 0.00	29.29 1.69 0.00

WEST BABYLON___IC 23714	26.67 0.50 -20.11	21.98 0.32 -17.71	25.28 1.62 0.00	23.73 1.47 0.00	24.44 1.62 0.00	27.76 1.75 0.00	36.87 2.51 0.00	62.64 4.16 0.00	64.33 4.54 0.00	22.89 1.71 0.00	26.84 1.97 0.41	25.78 2.18 1.52	23.66 2.32 2.97	26.80 2.56 0.58	18.77 1.97 1.59	22.92 2.53 2.42	28.11 3.67 4.41	37.80 4.48 4.60	56.65 4.97 -6.18	62.44 4.96 -8.85	69.72 5.45 -8.19	72.75 4.02 -24.42	47.86 2.88 -9.48	29.78 2.18 0.00
WEST CANADA___HYD 24049	6.73 0.04 -0.63	4.64 0.02 -0.67	23.78 0.11 0.00	22.38 0.11 0.00	22.96 0.14 0.00	26.17 0.15 0.00	34.54 0.17 0.00	58.72 0.24 0.00	60.03 0.23 0.00	21.25 0.07 0.00	25.34 0.05 0.00	25.16 0.05 0.00	24.36 0.05 0.00	24.87 0.05 0.00	18.43 0.03 0.00	22.86 0.05 0.00	28.94 0.09 0.00	38.03 0.12 0.00	45.70 0.20 0.00	48.83 0.20 0.00	56.30 0.23 0.00	44.43 0.13 0.00	35.64 0.13 0.00	27.70 0.10 0.00
WESTERN_NY_WIND 24143	8.90 -0.24 -3.09	6.46 -0.20 -2.71	22.66 -1.01 0.00	21.39 -0.88 0.00	22.08 -0.74 0.00	25.26 -0.76 0.00	33.25 -1.11 0.00	55.66 -2.82 0.00	57.09 -2.71 0.00	20.53 -0.65 0.00	25.23 -0.05 0.00	24.81 -0.31 0.00	23.82 -0.49 0.00	24.03 -0.79 0.00	17.64 -0.75 0.00	21.74 -1.07 0.00	27.10 -1.75 0.00	35.32 -2.59 0.00	42.87 -2.63 0.00	47.07 -1.56 0.00	53.70 -2.37 0.00	42.97 -1.33 0.00	34.00 -1.50 0.00	26.62 -0.98 0.00
WESTOVER___LESR 323668	12.67 0.03 -6.58	9.75 0.00 -5.80	23.66 0.00 0.00	22.28 0.02 0.00	22.86 0.05 0.00	26.00 -0.01 0.00	34.38 0.02 0.00	58.41 -0.07 0.00	59.87 0.07 0.00	21.33 0.15 0.00	25.58 0.30 0.00	25.33 0.21 0.00	24.59 0.28 0.00	25.00 0.18 0.00	18.53 0.13 0.00	22.90 0.09 0.00	28.97 0.12 0.00	38.01 0.10 0.00	45.63 0.13 0.00	49.01 0.38 0.00	56.22 0.14 0.00	44.45 0.16 0.00	35.52 0.01 0.00	27.63 0.03 0.00
WETHRSFD_WT_PWR 323626	9.73 -0.37 -4.04	7.23 -0.27 -3.56	22.33 -1.34 0.00	21.10 -1.17 0.00	21.78 -1.04 0.00	24.74 -1.27 0.00	32.57 -1.79 0.00	54.88 -3.59 0.00	56.58 -3.22 0.00	20.32 -0.86 0.00	24.88 -0.40 0.00	24.54 -0.57 0.00	23.73 -0.59 0.00	23.93 -0.89 0.00	17.63 -0.77 0.00	21.75 -1.06 0.00	27.27 -1.58 0.00	35.58 -2.33 0.00	43.08 -2.42 0.00	46.95 -1.68 0.00	53.53 -2.54 0.00	42.71 -1.58 0.00	33.86 -1.65 0.00	26.49 -1.12 0.00
WHAVSTOR_138KV_BK127 55557	25.97 0.38 -19.53	21.39 0.24 -17.20	24.90 1.23 0.00	23.42 1.16 0.00	24.06 1.24 0.00	27.28 1.27 0.00	36.17 1.81 0.00	61.58 3.10 0.00	63.07 3.28 0.00	22.47 1.29 0.00	26.87 1.59 0.00	26.76 1.65 0.00	26.08 1.76 0.00	26.72 1.90 0.00	19.82 1.42 0.00	24.62 1.81 0.00	31.31 2.46 0.00	41.01 3.09 0.00	48.92 3.42 0.00	51.98 3.35 0.00	59.68 3.61 0.00	46.86 2.56 0.00	37.63 2.12 0.00	29.14 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.97 0.38 -19.53	21.39 0.24 -17.20	24.90 1.23 0.00	23.42 1.16 0.00	24.06 1.24 0.00	27.28 1.27 0.00	36.17 1.81 0.00	61.58 3.10 0.00	63.07 3.28 0.00	22.47 1.29 0.00	26.87 1.59 0.00	26.76 1.65 0.00	26.08 1.76 0.00	26.72 1.90 0.00	19.82 1.42 0.00	24.62 1.81 0.00	31.31 2.46 0.00	41.01 3.09 0.00	48.92 3.42 0.00	51.98 3.35 0.00	59.68 3.61 0.00	46.86 2.56 0.00	37.63 2.12 0.00	29.14 1.54 0.00
WHITEHAL_115KV_TB1 80871	31.57 0.34 -25.17	26.34 0.23 -22.17	25.00 1.34 0.00	23.57 1.30 0.00	24.48 1.67 0.00	28.12 2.11 0.00	37.06 2.70 0.00	62.82 4.35 0.00	63.56 3.76 0.00	21.96 0.78 0.00	26.03 0.75 0.00	26.02 0.90 0.00	25.06 0.74 0.00	25.59 0.77 0.00	19.08 0.68 0.00	23.82 1.01 0.00	30.19 1.34 0.00	39.71 1.80 0.00	47.93 2.44 0.00	50.72 2.09 0.00	58.92 2.85 0.00	46.56 2.26 0.00	37.25 1.74 0.00	29.24 1.64 0.00
WHITEPLN_13_KV_LOAD 356215	26.60 0.48 -20.06	21.92 0.30 -17.67	25.28 1.61 0.00	23.77 1.50 0.00	24.42 1.61 0.00	27.70 1.68 0.00	36.78 2.42 0.00	62.69 4.21 0.00	64.28 4.48 0.00	22.90 1.72 0.00	27.39 2.11 0.00	27.28 2.16 0.00	26.56 2.25 0.00	27.24 2.40 -0.02	20.50 1.79 -0.32	25.31 2.28 -0.22	32.24 3.06 -0.33	41.88 3.90 -0.07	49.86 4.37 0.00	52.95 4.32 0.00	60.74 4.67 0.00	47.69 3.39 0.00	38.24 2.73 0.00	29.60 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	26.67 0.50 -20.11	21.98 0.32 -17.71	25.25 1.59 0.00	23.69 1.42 0.00	24.40 1.59 0.00	27.73 1.72 0.00	36.83 2.47 0.00	62.51 4.03 0.00	64.27 4.47 0.00	22.89 1.71 0.00	26.26 1.77 0.80	24.21 1.99 2.90	21.16 2.19 5.35	26.24 2.50 1.08	17.94 1.94 2.39	21.30 2.52 4.03	25.18 3.65 7.33	34.38 4.55 8.08	123.50 4.96 -73.05	147.14 4.87 -93.63	146.70 5.60 -85.03	256.49 4.12 -208.08	118.78 2.98 -80.29	29.88 2.28 0.00
WOODARD__115KV_TB2 355635	8.00 -0.05 -2.00	5.66 -0.04 -1.76	23.35 -0.32 0.00	21.96 -0.30 0.00	22.51 -0.31 0.00	25.59 -0.42 0.00	33.83 -0.53 0.00	57.63 -0.85 0.00	58.88 -0.91 0.00	20.93 -0.25 0.00	24.92 -0.36 0.00	24.68 -0.44 0.00	23.89 -0.42 0.00	24.36 -0.46 0.00	18.06 -0.34 0.00	22.35 -0.45 0.00	28.21 -0.64 0.00	37.03 -0.88 0.00	44.56 -0.93 0.00	47.72 -0.91 0.00	54.99 -1.08 0.00	43.37 -0.92 0.00	34.74 -0.77 0.00	26.99 -0.61 0.00
YORK___WARBASSE 23770	26.63 0.47 -20.10	21.95 0.29 -17.71	25.35 1.68 0.00	23.84 1.57 0.00	24.49 1.67 0.00	27.74 1.73 0.00	36.77 2.41 0.00	62.56 4.08 0.00	64.18 4.38 0.00	22.97 1.78 0.00	27.48 2.20 0.00	27.39 2.27 0.00	26.69 2.37 0.00	27.96 2.54 -0.60	31.27 1.79 -11.09	32.69 2.27 -7.61	43.20 3.05 -11.30	44.29 3.90 -2.48	49.73 4.23 0.00	52.77 4.13 0.00	60.61 4.53 0.00	47.57 3.27 0.00	38.30 2.79 0.00	29.65 2.05 0.00