

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/11/2025

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	31.17	35.57	31.18	31.77	33.02	36.89	54.37	79.34	53.17	47.04	42.84	32.81	32.05	25.31	18.84	24.01	26.74	38.07	47.84	98.34	56.44	39.93	38.88	38.23
24138	1.46	1.59	1.43	1.44	1.51	1.70	2.92	4.45	3.11	2.72	2.38	1.96	2.00	1.63	1.20	1.52	1.78	2.36	2.62	4.87	2.78	1.86	1.61	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.24	35.66	31.26	31.86	33.11	36.95	54.43	79.32	53.17	47.09	42.91	32.84	32.06	25.30	18.83	24.02	26.76	38.09	47.88	98.53	56.59	40.03	38.98	38.36
24260	1.53	1.68	1.52	1.53	1.60	1.76	2.97	4.43	3.11	2.76	2.45	1.99	2.01	1.62	1.19	1.53	1.80	2.37	2.66	5.05	2.93	1.97	1.71	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.24	35.66	31.26	31.86	33.11	36.95	54.43	79.32	53.17	47.09	42.91	32.84	32.06	25.30	18.83	24.02	26.76	38.09	47.88	98.53	56.59	40.03	38.98	38.36
24261	1.53	1.68	1.52	1.53	1.60	1.76	2.97	4.43	3.11	2.76	2.45	1.99	2.01	1.62	1.19	1.53	1.80	2.37	2.66	5.05	2.93	1.97	1.71	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.65	36.27	31.75	32.49	33.80	38.04	55.88	81.51	54.79	48.06	43.43	32.84	31.93	24.94	18.58	23.84	26.45	37.75	47.81	98.34	56.51	39.96	38.91	38.24
24011	1.94	2.29	2.00	2.16	2.28	2.84	4.43	6.62	4.73	3.74	2.96	1.99	1.87	1.27	0.94	1.34	1.48	2.04	2.58	4.86	2.85	1.89	1.64	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.84	36.46	31.90	32.69	33.99	38.29	56.28	82.09	55.11	48.30	43.62	32.94	32.04	24.98	18.62	23.90	26.52	37.87	47.95	98.60	56.71	40.06	39.02	38.29
23798	2.13	2.48	2.15	2.35	2.47	3.09	4.83	7.21	5.05	3.97	3.15	2.09	1.98	1.31	0.98	1.40	1.56	2.15	2.73	5.12	3.05	2.00	1.74	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.65	36.27	31.75	32.49	33.80	38.04	55.88	81.51	54.79	48.06</														

ALBANY___2 23572	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.44 1.99 0.00	77.73 2.85 0.00	52.02 1.96 0.00	46.03 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
ALBANY___3 23573	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.44 1.99 0.00	77.73 2.85 0.00	52.02 1.96 0.00	46.03 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
ALBANY___4 23574	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.44 1.99 0.00	77.73 2.85 0.00	52.02 1.96 0.00	46.03 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
ALBANY___LFGE 323615	30.89 1.18 0.00	35.33 1.35 0.00	30.95 1.20 0.00	31.58 1.25 0.00	32.84 1.32 0.00	36.71 1.52 0.00	53.71 2.26 0.00	78.15 3.26 0.00	52.29 2.23 0.00	46.27 1.95 0.00	42.11 1.64 0.00	32.07 1.23 0.00	31.23 1.18 0.00	24.57 0.90 0.00	18.28 0.64 0.00	23.37 0.88 0.00	26.01 1.05 0.00	37.22 1.51 0.00	47.04 1.82 0.00	96.89 3.41 0.00	55.63 1.97 0.00	39.47 1.41 0.00	38.52 1.25 0.00	37.93 1.12 0.00
ALCOA_PA_115KV_PL-6C 55860	30.20 0.48 0.00	34.44 0.45 0.00	30.08 0.33 0.00	30.61 0.27 0.00	31.76 0.24 0.00	35.51 0.31 0.00	51.77 0.32 0.00	75.35 0.46 0.00	50.43 0.36 0.00	44.69 0.37 0.00	40.71 0.24 0.00	30.97 0.12 0.00	30.18 0.12 0.00	23.73 0.06 0.00	17.72 0.07 0.00	22.59 0.09 0.00	25.14 0.18 0.00	36.07 0.36 0.00	45.91 0.69 0.00	95.47 1.99 0.00	54.73 1.07 0.00	38.79 0.72 0.00	38.10 0.82 0.00	37.68 0.88 0.00
ALCOA_RYNLDS___DRP 24188	30.20 0.48 0.00	34.44 0.45 0.00	30.08 0.33 0.00	30.61 0.27 0.00	31.76 0.24 0.00	35.51 0.31 0.00	51.77 0.32 0.00	75.35 0.46 0.00	50.43 0.36 0.00	44.69 0.37 0.00	40.71 0.24 0.00	30.97 0.12 0.00	30.18 0.12 0.00	23.73 0.06 0.00	17.72 0.07 0.00	22.59 0.09 0.00	25.14 0.18 0.00	36.07 0.36 0.00	45.91 0.69 0.00	95.47 1.99 0.00	54.73 1.07 0.00	38.79 0.72 0.00	38.10 0.82 0.00	37.68 0.88 0.00
ALCOA___DSASP 323711	30.20 0.48 0.00	34.43 0.45 0.00	30.08 0.33 0.00	30.60 0.27 0.00	31.76 0.24 0.00	35.51 0.31 0.00	51.77 0.32 0.00	75.35 0.47 0.00	50.43 0.37 0.00	44.69 0.37 0.00	40.71 0.24 0.00	30.97 0.12 0.00	30.18 0.12 0.00	23.73 0.06 0.00	17.72 0.07 0.00	22.59 0.09 0.00	25.14 0.18 0.00	36.07 0.36 0.00	45.91 0.69 0.00	95.47 1.99 0.00	54.73 1.07 0.00	38.79 0.72 0.00	38.09 0.82 0.00	37.68 0.88 0.00
ALLEGHENY___COGEN 23514	33.25 -1.47 -5.01	59.49 -1.46 -26.97	53.46 -1.39 -25.10	52.88 -1.34 -23.88	53.46 -1.25 -23.19	46.15 -1.39 -12.33	89.91 -1.77 -40.22	121.95 -2.18 -49.25	86.45 -1.95 -38.33	70.85 -2.75 -29.27	64.62 -2.73 -26.88	51.42 -2.13 -22.70	50.35 -2.09 -22.38	41.83 -1.70 -19.86	33.67 -1.20 -17.23	40.20 -1.65 -19.35	43.96 -1.75 -20.74	43.44 -2.41 -10.14	42.72 -2.50 0.00	90.97 -2.50 0.00	52.26 -1.40 0.00	37.32 -0.75 0.00	36.80 -0.47 0.00	36.47 -0.33 0.00
ALTAMONT_115KV_TB 2 55880	30.54 0.83 0.00	34.93 0.95 0.00	30.61 0.86 0.00	31.23 0.89 0.00	32.46 0.94 0.00	36.27 1.08 0.00	53.08 1.63 0.00	77.22 2.33 0.00	51.64 1.58 0.00	45.63 1.31 0.00	41.52 1.06 0.00	31.66 0.81 0.00	30.84 0.79 0.00	24.28 0.61 0.00	18.07 0.43 0.00	23.09 0.59 0.00	25.65 0.69 0.00	36.72 1.00 0.00	46.44 1.22 0.00	95.77 2.29 0.00	55.04 1.38 0.00	39.03 0.96 0.00	38.11 0.84 0.00	37.54 0.74 0.00
ALTONA_WT_PWR 323606	30.40 0.69 0.00	34.17 0.19 0.00	29.36 -0.38 0.00	29.55 -0.79 0.00	30.77 -0.75 0.00	34.57 -0.63 0.00	50.24 -1.21 0.00	72.81 -2.08 0.00	48.79 -1.27 0.00	43.15 -1.17 0.00	39.15 -1.31 0.00	29.98 -0.86 0.00	28.94 -1.11 0.00	19.16 -1.10 3.42	16.79 -0.85 0.00	21.62 -0.88 0.00	24.03 -0.94 0.00	34.62 -1.09 0.00	44.73 -0.49 0.00	94.41 0.93 0.00	54.45 0.79 0.00	38.11 0.05 0.00	37.43 0.16 0.00	36.56 -0.24 0.00
AMERICAN_REF_FUEL 24010	25.03 -3.55 1.13	23.97 -3.86 6.15	20.25 -3.54 5.96	21.37 -3.48 5.49	22.69 -3.59 5.24	28.32 -4.09 2.79	35.81 -6.56 9.09	54.32 -9.42 11.15	35.29 -6.09 8.68	33.06 -4.65 6.61	30.53 -3.86 6.07	22.77 -2.95 5.13	22.15 -2.86 5.05	16.88 -2.40 4.40	12.12 -1.71 3.82	15.81 -2.40 4.28	17.74 -2.63 4.59	29.58 -3.89 2.25	40.21 -5.02 0.00	83.12 -10.35 0.00	47.49 -6.17 0.00	34.08 -3.99 0.00	34.19 -3.08 0.00	34.00 -2.80 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.89 -3.33 0.50	27.69 -3.57 2.72	23.78 -3.29 2.68	24.74 -3.16 2.43	26.03 -3.19 2.30	30.41 -3.57 1.22	42.07 -5.38 4.00	62.65 -7.34 4.91	41.26 -4.98 3.82	37.60 -3.82 2.91	34.47 -3.32 2.67	26.21 -2.39 2.25	25.54 -2.30 2.22	19.76 -1.97 1.93	14.53 -1.43 1.68	18.76 -1.84 1.89	21.59 -1.35 2.02	32.82 -1.90 0.99	42.86 -2.36 0.00	88.67 -4.82 0.00	50.59 -3.07 0.00	36.13 -1.93 0.00	36.14 -1.13 0.00	35.93 -0.87 0.00
ARTHUR KILL_GT_1 23520	58.30 1.55 -27.04	57.99 1.62 -22.38	57.73 1.55 -26.44	57.29 1.50 -25.45	57.92 1.66 -24.74	58.28 1.82 -21.27	60.95 2.89 -6.61	81.69 4.35 -2.45	61.89 3.11 -8.72	59.95 2.78 -12.85	59.17 2.47 -16.23	57.83 2.00 -24.99	57.83 1.99 -25.78	57.82 1.61 -32.53	57.80 1.19 -38.97	57.81 1.50 -33.82	59.06 1.83 -32.27	61.56 2.39 -23.46	65.71 2.61 -17.89	99.98 4.73 -1.76	78.71 2.94 -22.11	59.71 2.02 -19.62	59.58 1.80 -20.52	63.24 1.65 -24.79
ARTHUR_KILL_2 23512	58.22 1.47 -27.04	57.90 1.54 -22.38	57.65 1.47 -26.44	57.21 1.42 -25.45	57.84 1.58 -24.74	58.18 1.71 -21.27	60.80 2.74 -6.61	81.46 4.12 -2.45	61.75 2.97 -8.72	59.84 2.66 -12.85	59.08 2.38 -16.23	57.77 1.93 -24.99	57.77 1.93 -25.78	57.77 1.57 -32.53	57.77 1.16 -38.97	57.77 1.46 -33.82	59.01 1.78 -32.27	61.49 2.31 -23.46	65.59 2.48 -17.89	99.70 4.47 -1.76	78.55 2.78 -22.11	59.61 1.92 -19.62	59.48 1.69 -20.52	63.15 1.56 -24.79
ARTHUR_KILL_3 23513	59.14 1.17 -28.26	58.84 1.25 -23.60	58.79 1.16 -27.88	58.34 1.15 -26.85	58.80 1.18 -26.10	58.86 1.31 -22.36	60.72 2.32 -6.94	78.40 3.43 -0.08	59.17 2.38 -6.73	59.84 2.10 -13.42	57.50 1.80 -15.23	57.91 1.51 -25.55	57.45 1.56 -25.83	57.49 1.30 -32.52	57.25 0.96 -38.66	57.52 1.21 -33.82	58.68 1.44 -32.27	61.02 1.84 -23.47	65.10 2.00 -17.88	97.95 3.73 -0.75	60.59 2.17 -4.76	59.15 1.47 -19.61	59.03 1.24 -20.52	62.68 1.10 -24.78

ARTHUR_KILL_COGEN 323718	58.30 1.55 -27.04	57.99 1.62 -22.38	57.73 1.55 -26.44	57.29 1.50 -25.45	57.92 1.66 -24.74	58.28 1.82 -21.27	60.95 2.89 -6.61	81.69 4.35 -2.45	61.89 3.11 -8.72	59.95 2.78 -12.85	59.17 2.47 -16.23	57.83 2.00 -24.99	57.83 1.99 -25.78	57.82 1.61 -32.53	57.80 1.19 -38.97	57.81 1.50 -33.82	59.06 1.83 -32.27	61.56 2.39 -23.46	65.71 2.61 -17.89	99.98 4.73 -1.76	78.71 2.94 -22.11	59.71 2.02 -19.62	59.58 1.80 -20.52	63.24 1.65 -24.79
ASHOKAN____ 23654	31.46 1.75 0.00	35.97 1.99 0.00	31.51 1.76 0.00	32.15 1.82 0.00	33.46 1.95 0.00	37.50 2.30 0.00	55.11 3.66 0.00	80.40 5.52 0.00	53.66 3.60 0.00	47.07 2.75 0.00	42.51 2.04 0.00	32.26 1.41 0.00	31.36 1.31 0.00	24.68 1.01 0.00	18.34 0.70 0.00	23.45 0.96 0.00	26.14 1.17 0.00	37.60 1.88 0.00	47.89 2.67 0.00	99.13 5.65 0.00	56.93 3.27 0.00	40.24 2.18 0.00	39.23 1.96 0.00	38.55 1.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.09 1.36 -0.01	35.48 1.49 -0.01	31.11 1.35 -0.01	31.68 1.35 0.00	32.91 1.39 0.00	36.66 1.46 0.00	54.00 2.54 0.00	78.65 3.77 0.00	52.78 2.72 0.00	46.72 2.40 0.00	42.60 2.13 0.00	32.58 1.73 0.00	31.80 1.75 0.00	25.11 1.43 0.00	18.69 1.04 -0.01	23.84 1.34 -0.01	26.55 1.59 -0.01	37.75 2.04 0.00	47.39 2.16 0.00	97.67 4.20 0.00	56.19 2.53 0.00	39.76 1.69 0.00	38.74 1.47 0.00	38.13 1.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.08 1.36 -0.01	35.48 1.49 -0.01	31.10 1.35 -0.01	31.67 1.34 0.00	32.90 1.39 0.00	36.66 1.46 0.00	54.00 2.54 0.00	78.65 3.77 0.00	52.78 2.72 0.00	46.72 2.40 0.00	42.60 2.13 0.00	32.58 1.73 0.00	31.80 1.75 0.00	25.11 1.43 0.00	18.69 1.04 -0.01	23.83 1.33 -0.01	26.55 1.58 -0.01	37.75 2.04 0.00	47.39 2.16 0.00	97.67 4.20 0.00	56.19 2.53 0.00	39.76 1.69 0.00	38.74 1.47 0.00	38.13 1.33 0.00
ASTORIA_GT2_1 24094	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT2_2 24095	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT2_3 24096	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT2_4 24097	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT3_1 24098	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT3_2 24099	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT3_3 24100	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT3_4 24101	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT4_1 24102	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT4_2 24103	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT4_3 24104	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00

ASTORIA_GT4_4 24105	31.10 1.38 -0.01	35.50 1.51 -0.01	31.12 1.36 -0.01	31.69 1.36 0.00	32.94 1.42 0.00	36.69 1.49 0.00	54.05 2.60 0.00	78.72 3.83 0.00	52.82 2.76 0.00	46.76 2.44 0.00	42.63 2.17 0.00	32.60 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.22 2.56 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.16 1.36 0.00
ASTORIA_GT_1 23523	31.14 1.42 -0.01	35.54 1.55 -0.01	31.15 1.40 -0.01	31.73 1.39 0.00	32.96 1.44 0.00	36.72 1.53 0.00	54.12 2.67 0.00	78.83 3.94 0.00	52.89 2.83 0.00	46.83 2.51 0.00	42.69 2.22 0.00	32.64 1.79 0.00	31.86 1.81 0.00	25.16 1.48 0.00	18.73 1.08 -0.01	23.88 1.38 -0.01	26.61 1.64 -0.01	37.84 2.12 0.00	47.48 2.26 0.00	97.89 4.41 0.00	56.31 2.65 0.00	39.85 1.78 0.00	38.82 1.55 0.00	38.20 1.40 0.00
ASTORIA_GT_10 24110	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.42 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.16 2.72 0.00	78.93 4.05 0.00	52.93 2.88 0.00	46.87 2.55 0.00	42.78 2.32 0.00	33.30 1.89 -0.56	33.28 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.82 1.55 0.00	38.21 1.40 0.00
ASTORIA_GT_11 24225	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.42 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.16 2.72 0.00	78.93 4.05 0.00	52.93 2.88 0.00	46.87 2.55 0.00	42.78 2.32 0.00	33.30 1.89 -0.56	33.28 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.82 1.55 0.00	38.21 1.40 0.00
ASTORIA_GT_12 24226	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.42 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.16 2.72 0.00	78.93 4.05 0.00	52.93 2.88 0.00	46.87 2.55 0.00	42.78 2.32 0.00	33.30 1.89 -0.56	33.28 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.82 1.55 0.00	38.21 1.40 0.00
ASTORIA_GT_13 24227	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.42 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.16 2.72 0.00	78.93 4.05 0.00	52.93 2.88 0.00	46.87 2.55 0.00	42.78 2.32 0.00	33.30 1.89 -0.56	33.28 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.82 1.55 0.00	38.21 1.40 0.00
ASTORIA_GT_5 24106	31.14 1.42 -0.01	35.55 1.56 -0.01	31.16 1.40 -0.01	31.74 1.40 0.00	32.98 1.46 0.00	36.74 1.54 0.00	54.13 2.68 0.00	78.84 3.96 0.00	52.91 2.85 0.00	46.84 2.52 0.00	42.70 2.23 0.00	32.65 1.80 0.00	31.87 1.81 0.00	25.16 1.48 0.00	18.73 1.08 -0.01	23.88 1.38 -0.01	26.62 1.65 -0.01	37.84 2.12 0.00	47.48 2.26 0.00	97.89 4.41 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.81 1.54 0.00	38.22 1.42 0.00
ASTORIA_GT_7 24107	31.14 1.42 -0.01	35.55 1.56 -0.01	31.16 1.40 -0.01	31.74 1.40 0.00	32.98 1.46 0.00	36.74 1.54 0.00	54.13 2.68 0.00	78.84 3.96 0.00	52.91 2.85 0.00	46.84 2.52 0.00	42.70 2.23 0.00	32.65 1.80 0.00	31.87 1.81 0.00	25.16 1.48 0.00	18.73 1.08 -0.01	23.88 1.38 -0.01	26.62 1.65 -0.01	37.84 2.12 0.00	47.48 2.26 0.00	97.89 4.41 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.81 1.54 0.00	38.22 1.42 0.00
ASTORIA_GT_8 24108	31.14 1.42 -0.01	35.55 1.56 -0.01	31.16 1.40 -0.01	31.74 1.40 0.00	32.98 1.46 0.00	36.74 1.54 0.00	54.13 2.68 0.00	78.84 3.96 0.00	52.91 2.85 0.00	46.84 2.52 0.00	42.70 2.23 0.00	32.65 1.80 0.00	31.87 1.81 0.00	25.16 1.48 0.00	18.73 1.08 -0.01	23.88 1.38 -0.01	26.62 1.65 -0.01	37.84 2.12 0.00	47.48 2.26 0.00	97.89 4.41 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.81 1.54 0.00	38.22 1.42 0.00
ASTORIA___2 24149	31.10 1.38 -0.01	35.49 1.51 -0.01	31.12 1.36 -0.01	31.68 1.35 0.00	32.91 1.40 0.00	36.68 1.48 0.00	54.03 2.58 0.00	78.70 3.82 0.00	52.81 2.75 0.00	46.75 2.43 0.00	42.62 2.15 0.00	32.58 1.74 0.00	31.81 1.75 0.00	25.11 1.44 0.00	18.70 1.05 -0.01	23.84 1.34 -0.01	26.57 1.60 -0.01	37.77 2.05 0.00	47.41 2.19 0.00	97.71 4.23 0.00	56.21 2.55 0.00	39.79 1.72 0.00	38.75 1.48 0.00	38.15 1.35 0.00
ASTORIA___3 23516	31.17 1.45 -0.01	35.55 1.57 -0.01	31.18 1.43 -0.01	31.75 1.42 0.00	32.98 1.47 0.00	36.78 1.58 0.00	54.15 2.70 0.00	78.93 4.04 0.00	52.92 2.86 0.00	46.86 2.54 0.00	42.77 2.30 0.00	33.29 1.88 -0.56	33.27 1.90 -1.31	26.95 1.55 -1.73	21.14 1.14 -2.36	25.48 1.45 -1.53	26.68 1.70 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.85 1.78 0.00	38.82 1.55 0.00	38.19 1.39 0.00
ASTORIA___4 23517	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.42 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.16 2.72 0.00	78.93 4.05 0.00	52.93 2.88 0.00	46.87 2.55 0.00	42.78 2.32 0.00	33.30 1.89 -0.56	33.28 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.82 1.55 0.00	38.21 1.40 0.00
ASTORIA___5 23518	31.17 1.45 -0.01	35.55 1.57 -0.01	31.18 1.43 -0.01	31.75 1.42 0.00	32.98 1.47 0.00	36.78 1.58 0.00	54.15 2.70 0.00	78.93 4.04 0.00	52.92 2.86 0.00	46.86 2.54 0.00	42.77 2.30 0.00	33.29 1.88 -0.56	33.27 1.90 -1.31	26.95 1.55 -1.73	21.14 1.14 -2.36	25.48 1.45 -1.53	26.68 1.70 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.02 4.54 0.00	56.32 2.66 0.00	39.85 1.78 0.00	38.82 1.55 0.00	38.19 1.39 0.00
AST_ENERGY_2_CC3 323677	31.05 1.34 0.00	35.44 1.45 0.00	31.07 1.32 0.00	31.66 1.32 0.00	32.89 1.38 0.00	36.71 1.51 0.00	54.04 2.59 0.00	78.74 3.85 0.00	52.75 2.69 0.00	46.73 2.40 0.00	42.56 2.10 0.00	32.59 1.74 0.00	31.82 1.76 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.84 1.35 0.00	26.57 1.60 0.00	37.80 2.09 0.00	47.53 2.30 0.00	97.79 4.31 0.00	56.18 2.52 0.00	39.76 1.69 0.00	38.72 1.45 0.00	38.10 1.30 0.00
AST_ENERGY_2_CC4 323678	31.05 1.34 0.00	35.44 1.45 0.00	31.07 1.32 0.00	31.66 1.32 0.00	32.89 1.38 0.00	36.71 1.51 0.00	54.04 2.59 0.00	78.74 3.85 0.00	52.75 2.69 0.00	46.73 2.40 0.00	42.56 2.10 0.00	32.59 1.74 0.00	31.82 1.76 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.84 1.35 0.00	26.57 1.60 0.00	37.80 2.09 0.00	47.53 2.30 0.00	97.79 4.31 0.00	56.18 2.52 0.00	39.76 1.69 0.00	38.72 1.45 0.00	38.10 1.30 0.00

ATHENS_STG_1 23668	30.54 0.82 0.00	34.92 0.93 0.00	30.60 0.85 0.00	31.21 0.87 0.00	32.44 0.92 0.00	36.23 1.03 0.00	53.08 1.63 0.00	77.22 2.33 0.00	51.67 1.61 0.00	45.73 1.40 0.00	41.64 1.17 0.00	31.80 0.95 0.00	31.00 0.95 0.00	24.45 0.77 0.00	18.20 0.55 0.00	23.24 0.74 0.00	25.81 0.85 0.00	36.86 1.15 0.00	46.53 1.31 0.00	95.88 2.39 0.00	55.10 1.44 0.00	39.05 0.99 0.00	38.11 0.83 0.00	37.53 0.73 0.00
ATHENS_STG_2 23670	30.54 0.82 0.00	34.92 0.93 0.00	30.60 0.85 0.00	31.21 0.87 0.00	32.44 0.92 0.00	36.23 1.03 0.00	53.08 1.63 0.00	77.22 2.33 0.00	51.67 1.61 0.00	45.73 1.40 0.00	41.64 1.17 0.00	31.80 0.95 0.00	31.00 0.95 0.00	24.45 0.77 0.00	18.20 0.55 0.00	23.24 0.74 0.00	25.81 0.85 0.00	36.86 1.15 0.00	46.53 1.31 0.00	95.88 2.39 0.00	55.10 1.44 0.00	39.05 0.99 0.00	38.11 0.83 0.00	37.53 0.73 0.00
ATHENS_STG_3 23677	30.54 0.82 0.00	34.92 0.93 0.00	30.60 0.85 0.00	31.21 0.87 0.00	32.44 0.92 0.00	36.23 1.03 0.00	53.08 1.63 0.00	77.22 2.33 0.00	51.67 1.61 0.00	45.73 1.40 0.00	41.64 1.17 0.00	31.80 0.95 0.00	31.00 0.95 0.00	24.45 0.77 0.00	18.20 0.55 0.00	23.24 0.74 0.00	25.81 0.85 0.00	36.86 1.15 0.00	46.53 1.31 0.00	95.88 2.39 0.00	55.10 1.44 0.00	39.05 0.99 0.00	38.11 0.83 0.00	37.53 0.73 0.00
AUBURN___LFGE 323710	29.09 -0.63 0.00	33.26 -0.72 0.00	29.20 -0.55 0.00	29.84 -0.49 0.00	31.01 -0.50 0.00	34.65 -0.55 0.00	50.58 -0.87 0.00	73.93 -0.96 0.00	49.20 -0.86 0.00	43.41 -0.91 0.00	39.57 -0.89 0.00	30.13 -0.72 0.00	29.24 -0.82 0.00	23.03 -0.65 0.00	17.18 -0.46 0.00	21.88 -0.61 0.00	24.34 -0.63 0.00	34.96 -0.76 0.00	44.39 -0.84 0.00	92.00 -1.48 0.00	52.74 -0.92 0.00	37.37 -0.70 0.00	36.75 -0.52 0.00	36.34 -0.47 0.00
BABYLON_RES_REC 323704	31.55 1.84 0.00	36.02 2.04 0.00	31.57 1.82 0.00	32.27 1.94 0.00	33.56 2.04 0.00	37.38 2.18 0.00	54.80 3.35 0.00	79.20 4.31 0.00	53.27 3.21 0.00	47.39 3.06 0.00	42.90 2.44 0.00	32.72 1.87 0.00	31.88 1.82 0.00	25.11 1.43 0.00	18.67 1.03 0.00	23.85 1.36 0.00	26.67 1.70 0.00	38.06 2.35 0.00	48.01 2.79 0.00	98.55 5.07 0.00	56.77 3.11 0.00	40.38 2.31 0.00	39.19 1.92 0.00	38.56 1.76 0.00
BABYLON__69_KV_BK2 356345	31.84 2.12 0.00	36.36 2.38 0.00	31.87 2.12 0.00	32.59 2.25 0.00	33.90 2.38 0.00	37.75 2.55 0.00	55.32 3.87 0.00	79.80 4.91 0.00	53.73 3.67 0.00	47.83 3.51 0.00	43.26 2.79 0.00	32.99 2.15 0.00	32.13 2.08 0.00	25.29 1.62 0.00	18.81 1.16 0.00	24.03 1.53 0.00	26.89 1.93 0.00	38.43 2.71 0.00	48.48 3.26 0.00	99.53 6.05 0.00	57.34 3.68 0.00	40.80 2.74 0.00	39.57 2.30 0.00	38.93 2.13 0.00
BALL_HILL_WT_PWR 323825	26.17 -2.82 0.72	27.09 -2.96 3.93	23.19 -2.75 3.81	24.18 -2.65 3.51	25.49 -2.68 3.34	30.40 -3.02 1.78	41.03 -4.61 5.80	61.48 -6.28 7.13	40.19 -4.33 5.55	36.86 -3.25 4.22	33.72 -2.86 3.88	25.53 -2.04 3.27	24.81 -2.02 3.22	19.16 -1.70 2.81	13.99 -1.20 2.44	18.13 -1.62 2.74	20.62 -1.40 2.94	32.24 -2.03 1.44	42.51 -2.72 0.00	87.92 -5.56 0.00	50.12 -3.53 0.00	35.84 -2.23 0.00	35.85 -1.43 0.00	35.61 -1.19 0.00
BARON_WINDS___WT_PWR 323822	15.37 -2.73 11.61	-31.36 -2.85 62.49	-31.15 -2.64 58.26	-27.58 -2.56 55.36	-24.71 -2.54 53.70	3.75 -2.88 28.57	-45.74 -4.04 93.15	-44.93 -5.75 114.06	-42.98 -4.26 88.78	-27.22 -3.77 67.78	-25.59 -3.80 62.26	-24.62 -2.89 52.58	-24.55 -2.82 51.78	-23.89 -2.18 45.39	-23.33 -1.59 39.39	-23.81 -2.07 44.23	-24.70 -2.25 47.41	9.52 -3.02 23.17	41.61 -3.61 0.00	87.26 -6.21 0.00	49.96 -3.69 0.00	35.73 -2.34 0.00	35.25 -2.02 0.00	34.82 -1.98 0.00
BARRETT_IC_1 23704	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_10 23701	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_11 23702	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_12 23703	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_2 23705	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_3 23706	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_4 23707	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00

BARRETT_IC_5 23708	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_6 23709	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_7 23710	31.30 1.58 0.00	35.74 1.75 0.00	31.31 1.56 0.00	31.97 1.63 0.00	33.22 1.70 0.00	36.99 1.79 0.00	54.23 2.78 0.00	78.45 3.56 0.00	52.76 2.70 0.00	46.94 2.62 0.00	42.67 2.20 0.00	32.60 1.75 0.00	31.79 1.73 0.00	25.04 1.37 0.00	18.63 0.99 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.62 4.14 0.00	56.22 2.56 0.00	39.96 1.89 0.00	38.90 1.63 0.00	38.28 1.48 0.00
BARRETT_IC_8 23711	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT_IC_9 23700	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT___1 23545	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BARRETT___2 23546	31.29 1.58 0.00	35.73 1.74 0.00	31.29 1.55 0.00	31.95 1.62 0.00	33.20 1.68 0.00	36.99 1.79 0.00	54.22 2.76 0.00	78.44 3.55 0.00	52.75 2.69 0.00	46.93 2.60 0.00	42.65 2.19 0.00	32.59 1.75 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.64 1.00 0.00	23.80 1.31 0.00	26.58 1.62 0.00	37.83 2.12 0.00	47.58 2.36 0.00	97.61 4.14 0.00	56.22 2.56 0.00	39.97 1.90 0.00	38.90 1.62 0.00	38.27 1.47 0.00
BATAVIA__115KV_TB1 55881	26.68 -2.13 0.90	26.80 -2.29 4.89	22.83 -2.12 4.79	23.90 -2.06 4.37	25.26 -2.09 4.15	30.64 -2.34 2.21	40.59 -3.65 7.21	61.14 -4.90 8.85	39.86 -3.32 6.88	36.31 -2.76 5.25	33.11 -2.54 4.82	24.78 -2.00 4.07	24.08 -1.97 4.00	18.56 -1.65 3.46	13.46 -1.18 3.00	17.39 -1.73 3.37	19.54 -1.81 3.62	31.62 -2.32 1.77	42.47 -2.75 0.00	88.33 -5.15 0.00	50.52 -3.14 0.00	36.15 -1.92 0.00	35.95 -1.32 0.00	35.64 -1.16 0.00
BAYONEEC___CTG1 323682	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG10 323750	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG2 323683	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG3 323684	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG4 323685	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG5 323686	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG6 323687	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00

BAYONEEC___CTG7 323688	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG8 323689	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BAYONEEC___CTG9 323749	31.00 1.29 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.61 1.27 0.00	32.84 1.32 0.00	36.66 1.46 0.00	53.98 2.53 0.00	78.64 3.76 0.00	52.67 2.61 0.00	46.65 2.32 0.00	42.49 2.02 0.00	32.53 1.68 0.00	31.76 1.71 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.81 1.31 0.00	26.52 1.56 0.00	37.73 2.02 0.00	47.44 2.22 0.00	97.65 4.17 0.00	56.08 2.42 0.00	39.70 1.63 0.00	38.67 1.40 0.00	38.05 1.25 0.00
BEACON___LESR 323632	31.01 1.30 0.00	35.46 1.48 0.00	31.07 1.32 0.00	31.71 1.37 0.00	32.98 1.46 0.00	36.88 1.68 0.00	54.02 2.57 0.00	78.67 3.78 0.00	52.57 2.52 0.00	46.41 2.09 0.00	41.91 1.44 0.00	31.90 1.06 0.00	31.08 1.02 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.37 0.88 0.00	26.02 1.06 0.00	37.34 1.63 0.00	47.30 2.08 0.00	97.45 3.97 0.00	55.92 2.26 0.00	39.61 1.55 0.00	38.63 1.36 0.00	38.02 1.22 0.00
BEAVER RIVER___HYD 24048	29.16 -0.55 0.00	33.61 -0.37 0.00	29.40 -0.35 0.00	29.92 -0.42 0.00	30.79 -0.72 0.00	34.39 -0.80 0.00	50.46 -0.99 0.00	73.76 -1.13 0.00	49.02 -1.04 0.00	42.62 -1.71 0.00	38.49 -1.97 0.00	29.06 -1.79 0.00	28.31 -1.75 0.00	22.28 -1.40 0.00	16.60 -1.04 0.00	21.24 -1.26 0.00	23.70 -1.27 0.00	34.53 -1.18 0.00	44.42 -0.81 0.00	92.78 -0.70 0.00	53.18 -0.48 0.00	37.72 -0.35 0.00	37.00 -0.27 0.00	37.11 0.31 0.00
BEEBEE_GT_13 23619	27.63 -1.85 0.23	31.00 -1.99 0.99	27.94 -1.81 0.00	27.85 -1.76 0.72	28.65 -1.81 1.05	32.56 -2.08 0.56	46.42 -3.21 1.83	68.26 -4.38 2.25	45.36 -2.95 1.75	40.59 -2.40 1.33	37.31 -1.94 1.22	28.35 -1.47 1.03	27.68 -1.44 0.93	22.47 -1.20 0.00	16.80 -0.84 0.00	21.26 -1.23 0.00	23.62 -1.34 0.00	33.80 -1.92 0.00	42.80 -2.42 0.00	88.59 -4.89 0.00	50.68 -2.98 0.00	36.15 -1.92 0.00	35.75 -1.52 0.00	35.42 -1.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.53 1.79 -27.04	58.28 1.92 -22.38	57.96 1.78 -26.44	57.53 1.75 -25.45	58.11 1.86 -24.74	58.50 2.04 -21.27	61.41 3.35 -6.61	82.38 5.05 -2.45	62.34 3.56 -8.72	60.34 3.17 -12.85	59.55 2.85 -16.23	58.14 2.30 -24.99	58.14 2.30 -25.78	58.06 1.86 -32.53	57.98 1.37 -38.97	58.06 1.75 -33.82	59.30 2.07 -32.27	61.92 2.74 -23.46	66.16 3.05 -17.89	101.05 5.81 -1.76	79.20 3.43 -22.11	60.01 2.32 -19.62	59.87 2.08 -20.52	63.51 1.92 -24.79
BETHLEHEM___GRP 23843	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.44 1.99 0.00	77.73 2.85 0.00	52.02 1.96 0.00	46.03 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
BETHLEHEM___GS1 323560	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.42 1.97 0.00	77.72 2.83 0.00	52.00 1.94 0.00	46.02 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
BETHLEHEM___GS2 323561	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.42 1.97 0.00	77.72 2.83 0.00	52.00 1.94 0.00	46.02 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
BETHLEHEM___GS3 323562	30.75 1.03 0.00	35.17 1.19 0.00	30.81 1.06 0.00	31.43 1.10 0.00	32.68 1.17 0.00	36.54 1.34 0.00	53.42 1.97 0.00	77.72 2.83 0.00	52.00 1.94 0.00	46.02 1.70 0.00	41.88 1.42 0.00	31.92 1.07 0.00	31.08 1.03 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.01 1.30 0.00	46.76 1.54 0.00	96.33 2.85 0.00	55.36 1.70 0.00	39.27 1.20 0.00	38.33 1.06 0.00	37.74 0.94 0.00
BETHLEHEM___STEEL 23779	26.25 -2.56 0.90	26.33 -2.75 4.91	22.45 -2.55 4.75	23.49 -2.46 4.38	24.80 -2.53 4.18	30.09 -2.89 2.23	39.54 -4.65 7.26	59.42 -6.51 8.95	38.80 -4.29 6.97	36.00 -3.04 5.29	33.12 -2.49 4.85	24.90 -1.85 4.10	24.21 -1.81 4.03	18.64 -1.51 3.51	13.54 -1.05 3.05	17.50 -1.57 3.42	19.65 -1.65 3.67	31.52 -2.40 1.80	42.02 -3.20 0.00	86.97 -6.50 0.00	49.65 -4.01 0.00	35.64 -2.42 0.00	35.60 -1.67 0.00	35.35 -1.46 0.00
BETHLHEM_115KV_TB1 79974	30.70 0.99 0.00	35.12 1.13 0.00	30.77 1.02 0.00	31.38 1.05 0.00	32.63 1.11 0.00	36.47 1.28 0.00	53.34 1.89 0.00	77.60 2.71 0.00	51.92 1.86 0.00	45.94 1.62 0.00	41.81 1.34 0.00	31.87 1.03 0.00	31.05 0.99 0.00	24.42 0.75 0.00	18.17 0.53 0.00	23.22 0.73 0.00	25.83 0.86 0.00	36.95 1.24 0.00	46.69 1.47 0.00	96.17 2.69 0.00	55.28 1.62 0.00	39.21 1.14 0.00	38.28 1.01 0.00	37.69 0.89 0.00
BETHPAGE_CC_5 323564	31.51 1.79 0.00	35.98 2.00 0.00	31.53 1.78 0.00	32.22 1.88 0.00	33.50 1.98 0.00	37.31 2.11 0.00	54.72 3.27 0.00	79.13 4.24 0.00	53.22 3.16 0.00	47.33 3.01 0.00	42.90 2.44 0.00	32.77 1.92 0.00	31.94 1.88 0.00	25.17 1.49 0.00	18.72 1.08 0.00	23.90 1.41 0.00	26.68 1.72 0.00	38.04 2.32 0.00	47.91 2.69 0.00	98.40 4.92 0.00	56.63 2.97 0.00	40.25 2.18 0.00	39.10 1.83 0.00	38.45 1.65 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.43 -2.45 0.83	26.83 -2.63 4.52	22.93 -2.44 4.38	23.95 -2.36 4.03	25.26 -2.41 3.85	30.42 -2.73 2.05	40.32 -4.44 6.69	60.09 -6.37 8.42	39.30 -4.21 6.56	36.54 -2.89 4.88	33.64 -2.36 4.46	25.32 -1.76 3.77	24.63 -1.72 3.71	19.00 -1.44 3.23	13.84 -1.00 2.81	17.83 -1.51 3.15	20.01 -1.58 3.38	31.77 -2.29 1.65	42.20 -3.02 0.00	87.38 -6.10 0.00	49.91 -3.75 0.00	35.81 -2.25 0.00	35.76 -1.51 0.00	35.50 -1.30 0.00

BINGHAMTON___COGEN 23790	29.00 -0.71 0.00	33.29 -0.70 0.00	29.11 -0.64 0.00	29.77 -0.57 0.00	30.95 -0.57 0.00	34.58 -0.62 0.00	50.66 -0.79 0.00	73.90 -0.99 0.00	49.18 -0.88 0.00	43.63 -0.70 0.00	39.69 -0.77 0.00	30.29 -0.56 0.00	29.51 -0.55 0.00	23.28 -0.39 0.00	17.36 -0.29 0.00	22.11 -0.38 0.00	24.54 -0.42 0.00	35.14 -0.58 0.00	44.42 -0.80 0.00	91.84 -1.64 0.00	52.62 -1.04 0.00	37.38 -0.69 0.00	36.67 -0.60 0.00	36.21 -0.59 0.00
BIXINCNT_115KV_LOAD 355685	26.73 -2.59 0.40	28.92 -2.88 2.18	24.96 -2.61 2.18	25.91 -2.46 1.96	27.40 -2.27 1.84	31.60 -2.61 0.98	43.91 -4.34 3.20	64.34 -6.55 4.00	42.24 -4.71 3.11	38.65 -3.35 2.33	35.39 -2.94 2.13	26.93 -2.12 1.80	26.24 -2.04 1.77	20.45 -1.68 1.55	15.06 -1.24 1.34	18.99 -2.00 1.51	21.29 -2.06 1.61	32.04 -2.89 0.79	41.90 -3.32 0.00	87.29 -6.19 0.00	50.36 -3.30 0.00	36.24 -1.83 0.00	36.22 -1.05 0.00	36.07 -0.73 0.00
BLACK RIVER___HYD 24047	29.00 -0.71 0.00	33.45 -0.53 0.00	29.19 -0.56 0.00	29.76 -0.58 0.00	30.68 -0.84 0.00	34.28 -0.92 0.00	50.31 -1.14 0.00	73.68 -1.21 0.00	48.77 -1.29 0.00	42.10 -2.22 0.00	37.89 -2.58 0.00	28.53 -2.32 0.00	27.82 -2.24 0.00	21.90 -1.77 0.00	16.33 -1.31 0.00	20.87 -1.63 0.00	23.32 -1.65 0.00	34.26 -1.45 0.00	44.16 -1.07 0.00	92.56 -0.92 0.00	53.05 -0.61 0.00	37.60 -0.47 0.00	36.83 -0.44 0.00	37.10 0.30 0.00
BLACKRVR_115KV_TB2 79977	29.00 -0.71 0.00	33.45 -0.53 0.00	29.19 -0.57 0.00	29.76 -0.58 0.00	30.68 -0.84 0.00	34.28 -0.92 0.00	50.31 -1.14 0.00	73.67 -1.22 0.00	48.78 -1.28 0.00	42.10 -2.23 0.00	37.88 -2.58 0.00	28.53 -2.32 0.00	27.82 -2.24 0.00	21.90 -1.77 0.00	16.33 -1.31 0.00	20.87 -1.63 0.00	23.32 -1.65 0.00	34.26 -1.45 0.00	44.16 -1.07 0.00	92.56 -0.92 0.00	53.05 -0.61 0.00	37.60 -0.47 0.00	36.83 -0.44 0.00	37.10 0.30 0.00
BLISS_WT_PWR 323608	26.57 -2.75 0.40	28.73 -3.07 2.18	24.80 -2.77 2.18	25.77 -2.61 1.96	27.34 -2.33 1.84	31.51 -2.71 0.98	43.75 -4.50 3.20	63.91 -6.98 4.00	41.90 -5.05 3.11	38.39 -3.61 2.33	35.14 -3.19 2.13	26.72 -2.33 1.80	26.06 -2.22 1.77	20.27 -1.86 1.55	14.92 -1.38 1.34	18.76 -2.23 1.51	21.06 -2.29 1.61	31.73 -3.20 0.79	41.64 -3.59 0.00	86.86 -6.62 0.00	50.26 -3.40 0.00	36.17 -1.89 0.00	36.21 -1.06 0.00	36.10 -0.71 0.00
BLUESTONE___WT_PWR 323821	28.54 -1.18 0.00	32.92 -1.06 0.00	28.75 -1.00 0.00	29.70 -0.63 0.00	30.75 -0.76 0.00	34.67 -0.53 0.00	51.34 -0.11 0.00	74.33 -0.55 0.00	48.71 -1.35 0.00	43.24 -1.08 0.00	39.75 -0.71 0.00	29.66 -1.19 0.00	28.60 -1.45 0.00	22.66 -1.01 0.00	16.80 -0.84 0.00	21.42 -1.07 0.00	23.92 -1.05 0.00	34.97 -0.74 0.00	44.90 -0.32 0.00	89.86 -3.63 0.00	52.48 -1.17 0.00	36.91 -1.16 0.00	36.18 -1.09 0.00	35.74 -1.06 0.00
BLUE_CIRC_CHEM_DRP 24182	30.75 1.03 0.00	35.19 1.21 0.00	30.84 1.09 0.00	31.46 1.12 0.00	32.71 1.20 0.00	36.58 1.38 0.00	53.46 2.01 0.00	77.71 2.82 0.00	51.85 1.79 0.00	45.67 1.35 0.00	41.56 1.09 0.00	31.76 0.91 0.00	30.91 0.85 0.00	24.31 0.64 0.00	18.08 0.44 0.00	23.09 0.60 0.00	25.68 0.72 0.00	36.89 1.18 0.00	46.73 1.50 0.00	96.34 2.86 0.00	55.36 1.70 0.00	39.27 1.21 0.00	38.36 1.09 0.00	37.78 0.97 0.00
BOC_GAS_DRP 24189	30.47 0.75 0.00	34.85 0.87 0.00	30.53 0.78 0.00	31.14 0.80 0.00	32.37 0.85 0.00	36.16 0.97 0.00	52.90 1.45 0.00	76.95 2.06 0.00	51.48 1.42 0.00	45.56 1.24 0.00	41.49 1.03 0.00	31.66 0.82 0.00	30.85 0.80 0.00	24.30 0.63 0.00	18.08 0.44 0.00	23.10 0.61 0.00	25.66 0.69 0.00	36.68 0.97 0.00	46.34 1.12 0.00	95.51 2.03 0.00	54.88 1.23 0.00	38.93 0.86 0.00	38.01 0.74 0.00	37.45 0.65 0.00
BOONVILLE_115KV_TB1 79983	29.83 0.12 0.00	34.27 0.28 0.00	30.01 0.26 0.00	30.58 0.24 0.00	31.63 0.12 0.00	35.37 0.17 0.00	51.93 0.48 0.00	75.79 0.90 0.00	50.43 0.37 0.00	44.17 -0.16 0.00	40.08 -0.38 0.00	30.37 -0.48 0.00	29.56 -0.49 0.00	23.31 -0.37 0.00	17.34 -0.30 0.00	22.18 -0.32 0.00	24.71 -0.25 0.00	35.63 -0.09 0.00	45.56 0.34 0.00	94.58 1.11 0.00	54.23 0.57 0.00	38.47 0.41 0.00	37.66 0.39 0.00	37.41 0.61 0.00
BORALEX_4TH_BRANCH 23824	31.24 1.53 0.00	35.72 1.74 0.00	31.29 1.54 0.00	31.95 1.62 0.00	33.22 1.70 0.00	37.19 1.99 0.00	54.16 2.71 0.00	78.69 3.80 0.00	52.75 2.69 0.00	46.74 2.41 0.00	42.61 2.15 0.00	32.26 1.42 0.00	31.40 1.35 0.00	24.56 0.88 0.00	18.19 0.55 0.00	23.36 0.86 0.00	26.08 1.11 0.00	37.27 1.56 0.00	47.06 1.84 0.00	96.80 3.32 0.00	55.73 2.08 0.00	39.58 1.51 0.00	38.57 1.30 0.00	37.88 1.08 0.00
BOWLINE___1 23526	30.62 0.91 0.00	34.99 1.00 0.00	30.67 0.92 0.00	31.28 0.95 0.00	32.52 1.01 0.00	36.32 1.12 0.00	53.40 1.95 0.00	77.79 2.90 0.00	52.04 1.98 0.00	46.06 1.73 0.00	41.85 1.39 0.00	31.98 1.13 0.00	31.19 1.14 0.00	24.63 0.96 0.00	18.35 0.71 0.00	23.42 0.93 0.00	26.09 1.13 0.00	37.17 1.45 0.00	46.85 1.63 0.00	96.59 3.11 0.00	55.47 1.81 0.00	39.26 1.20 0.00	38.26 0.99 0.00	37.67 0.87 0.00
BOWLINE___2 23595	30.62 0.91 0.00	34.99 1.01 0.00	30.67 0.92 0.00	31.28 0.95 0.00	32.52 1.01 0.00	36.32 1.12 0.00	53.40 1.95 0.00	77.79 2.90 0.00	52.04 1.98 0.00	46.06 1.73 0.00	41.85 1.39 0.00	31.98 1.13 0.00	31.19 1.14 0.00	24.63 0.96 0.00	18.35 0.71 0.00	23.42 0.93 0.00	26.10 1.13 0.00	37.17 1.45 0.00	46.85 1.63 0.00	96.60 3.12 0.00	55.47 1.81 0.00	39.27 1.20 0.00	38.26 0.99 0.00	37.67 0.87 0.00
BRADY___115KV_TB2 356060	30.47 0.75 0.00	34.74 0.76 0.00	30.33 0.59 0.00	30.85 0.52 0.00	32.03 0.52 0.00	35.82 0.63 0.00	52.29 0.84 0.00	76.20 1.31 0.00	50.87 0.81 0.00	44.78 0.46 0.00	40.70 0.24 0.00	30.89 0.04 0.00	30.09 0.04 0.00	23.67 -0.01 0.00	17.69 0.04 0.00	22.54 0.05 0.00	25.25 0.29 0.00	36.28 0.57 0.00	46.29 1.07 0.00	96.70 3.22 0.00	55.42 1.76 0.00	39.27 1.20 0.00	38.54 1.27 0.00	38.13 1.33 0.00
BRANSCOMB___SOLAR 323811	31.26 1.55 0.00	35.78 1.80 0.00	31.32 1.58 0.00	32.02 1.68 0.00	33.29 1.78 0.00	37.34 2.14 0.00	54.69 3.24 0.00	79.59 4.71 0.00	52.93 2.87 0.00	46.58 2.26 0.00	42.22 1.75 0.00	32.03 1.18 0.00	31.17 1.12 0.00	24.45 0.77 0.00	18.18 0.54 0.00	23.29 0.80 0.00	25.99 1.02 0.00	37.32 1.61 0.00	47.33 2.11 0.00	97.50 4.02 0.00	56.03 2.37 0.00	39.67 1.60 0.00	38.67 1.40 0.00	38.04 1.24 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.75 2.03 0.00	36.26 2.28 0.00	31.78 2.03 0.00	32.50 2.17 0.00	33.82 2.30 0.00	37.63 2.43 0.00	55.11 3.66 0.00	79.31 4.42 0.00	53.50 3.44 0.00	47.70 3.38 0.00	43.15 2.69 0.00	32.93 2.08 0.00	32.07 2.01 0.00	25.25 1.57 0.00	18.77 1.13 0.00	23.97 1.48 0.00	26.82 1.85 0.00	38.27 2.56 0.00	48.25 3.02 0.00	98.94 5.46 0.00	57.04 3.38 0.00	40.59 2.53 0.00	39.41 2.14 0.00	38.76 1.96 0.00

BRISTLHL_115KV_TB1 79998	28.57 -1.14 0.00	32.73 -1.25 0.00	28.66 -1.10 0.00	29.24 -1.09 0.00	30.41 -1.11 0.00	33.92 -1.27 0.00	49.58 -1.87 0.00	72.27 -2.62 0.00	48.17 -1.89 0.00	42.62 -1.70 0.00	39.03 -1.44 0.00	29.74 -1.11 0.00	28.98 -1.07 0.00	22.83 -0.84 0.00	17.02 -0.62 0.00	21.67 -0.83 0.00	24.00 -0.97 0.00	34.37 -1.34 0.00	43.59 -1.64 0.00	90.07 -3.41 0.00	51.62 -2.04 0.00	36.66 -1.40 0.00	35.92 -1.35 0.00	35.53 -1.28 0.00
BROOKHAVEN___DRP 24191	31.69 1.98 0.00	36.19 2.20 0.00	31.75 1.99 0.00	32.50 2.17 0.00	39.24 2.32 -5.40	53.83 2.43 -16.21	54.67 3.21 0.00	64.50 3.68 14.07	52.99 2.93 0.00	47.52 3.19 0.00	42.88 2.42 0.00	32.71 1.86 0.00	31.82 1.76 0.00	25.01 1.34 0.00	18.59 0.95 0.00	23.76 1.26 0.00	26.60 1.64 0.00	38.02 2.30 0.00	47.98 2.76 0.00	97.76 4.28 0.00	56.35 2.70 0.00	40.38 2.31 0.00	39.15 1.88 0.00	38.62 1.82 0.00
BROOKLYN_NAVY_YARD 23515	30.99 1.28 0.00	35.38 1.40 0.00	31.02 1.27 0.00	31.60 1.27 0.00	32.83 1.32 0.00	36.64 1.44 0.00	53.94 2.49 0.00	78.63 3.74 0.00	52.64 2.58 0.00	46.66 2.33 0.00	42.51 2.05 0.00	32.56 1.71 0.00	31.77 1.72 0.00	25.09 1.42 0.00	18.67 1.03 0.00	23.81 1.32 0.00	26.53 1.56 0.00	37.73 2.02 0.00	47.43 2.21 0.00	97.61 4.13 0.00	56.07 2.41 0.00	39.69 1.62 0.00	38.68 1.41 0.00	38.04 1.24 0.00
BROOKLYN___ARMY_DRP 323595	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
BROOKVLE_69_KV_TB1 55790	31.53 1.82 0.00	36.01 2.02 0.00	31.54 1.79 0.00	32.21 1.87 0.00	33.50 1.98 0.00	37.34 2.14 0.00	54.84 3.38 0.00	79.44 4.55 0.00	53.38 3.32 0.00	47.41 3.09 0.00	43.05 2.58 0.00	32.88 2.03 0.00	32.06 2.00 0.00	25.26 1.59 0.00	18.79 1.15 0.00	24.01 1.52 0.00	26.80 1.83 0.00	38.21 2.50 0.00	48.13 2.90 0.00	98.90 5.42 0.00	56.88 3.23 0.00	40.37 2.30 0.00	39.23 1.96 0.00	38.59 1.79 0.00
BROOME_2_LFGE 323671	29.00 -0.72 0.00	33.28 -0.70 0.00	29.12 -0.64 0.00	29.77 -0.57 0.00	30.95 -0.57 0.00	34.58 -0.62 0.00	50.67 -0.78 0.00	73.90 -0.99 0.00	49.17 -0.89 0.00	43.62 -0.71 0.00	39.69 -0.77 0.00	30.29 -0.56 0.00	29.50 -0.55 0.00	23.28 -0.39 0.00	17.36 -0.28 0.00	22.10 -0.39 0.00	24.54 -0.42 0.00	35.13 -0.58 0.00	44.41 -0.81 0.00	91.84 -1.64 0.00	52.62 -1.04 0.00	37.37 -0.70 0.00	36.66 -0.61 0.00	36.21 -0.59 0.00
BROOME___LFGE 323600	29.00 -0.72 0.00	33.28 -0.70 0.00	29.12 -0.64 0.00	29.77 -0.57 0.00	30.95 -0.57 0.00	34.58 -0.62 0.00	50.67 -0.78 0.00	73.90 -0.99 0.00	49.17 -0.89 0.00	43.62 -0.71 0.00	39.69 -0.77 0.00	30.29 -0.56 0.00	29.50 -0.55 0.00	23.28 -0.39 0.00	17.36 -0.28 0.00	22.10 -0.39 0.00	24.54 -0.42 0.00	35.13 -0.58 0.00	44.41 -0.81 0.00	91.84 -1.64 0.00	52.62 -1.04 0.00	37.37 -0.70 0.00	36.66 -0.61 0.00	36.21 -0.59 0.00
BROWNFLS_115KV_TB_3_5 80003	29.39 -0.32 0.00	33.71 -0.27 0.00	29.46 -0.28 0.00	29.97 -0.36 0.00	30.95 -0.57 0.00	34.59 -0.60 0.00	50.64 -0.81 0.00	73.92 -0.97 0.00	49.24 -0.82 0.00	43.10 -1.23 0.00	39.02 -1.44 0.00	29.52 -1.32 0.00	28.75 -1.30 0.00	22.62 -1.05 0.00	16.87 -0.77 0.00	21.55 -0.94 0.00	24.08 -0.88 0.00	34.89 -0.83 0.00	44.73 -0.49 0.00	93.40 -0.08 0.00	53.54 -0.12 0.00	37.94 -0.13 0.00	37.23 -0.04 0.00	37.13 0.32 0.00
BROWNSV1_27_KV_LOAD 356125	31.30 1.59 0.00	35.72 1.73 0.00	31.31 1.56 0.00	31.90 1.57 0.00	33.15 1.64 0.00	37.01 1.81 0.00	54.53 3.08 0.00	79.49 4.61 0.00	53.26 3.20 0.00	47.15 2.82 0.00	42.95 2.48 0.00	32.87 2.02 0.00	32.09 2.04 0.00	25.32 1.65 0.00	18.85 1.21 0.00	24.04 1.55 0.00	26.79 1.82 0.00	38.14 2.43 0.00	47.93 2.71 0.00	98.75 5.27 0.00	56.70 3.04 0.00	40.11 2.04 0.00	39.06 1.79 0.00	38.43 1.63 0.00
BURROWS___LYONSDAL 23803	29.60 -0.11 0.00	34.05 0.06 0.00	29.82 0.07 0.00	30.37 0.03 0.00	31.36 -0.16 0.00	35.03 -0.16 0.00	51.44 -0.01 0.00	75.10 0.21 0.00	49.96 -0.10 0.00	43.68 -0.64 0.00	39.60 -0.86 0.00	29.98 -0.86 0.00	29.19 -0.86 0.00	23.00 -0.67 0.00	17.12 -0.52 0.00	21.89 -0.61 0.00	24.40 -0.56 0.00	35.25 -0.46 0.00	45.17 -0.06 0.00	93.89 0.41 0.00	53.83 0.17 0.00	38.19 0.12 0.00	37.42 0.15 0.00	37.28 0.48 0.00
CAITHNESS_CC_1 323624	31.63 1.92 0.00	36.11 2.13 0.00	31.68 1.93 0.00	32.42 2.09 0.00	33.74 2.22 0.00	37.53 2.33 0.00	54.59 3.14 0.00	64.45 3.64 14.07	52.95 2.90 0.00	47.43 3.10 0.00	42.82 2.35 0.00	32.67 1.83 0.00	31.79 1.74 0.00	25.01 1.34 0.00	18.59 0.95 0.00	23.75 1.26 0.00	26.59 1.62 0.00	37.97 2.26 0.00	47.90 2.68 0.00	97.76 4.28 0.00	56.34 2.68 0.00	40.31 2.24 0.00	39.11 1.83 0.00	38.54 1.74 0.00
CALPINE BETH_PAGE_GT4 24209	31.50 1.78 0.00	35.99 2.00 0.00	31.53 1.78 0.00	32.22 1.88 0.00	33.50 1.98 0.00	37.32 2.12 0.00	54.73 3.28 0.00	79.15 4.26 0.00	53.22 3.16 0.00	47.32 3.00 0.00	42.93 2.47 0.00	32.77 1.93 0.00	31.94 1.89 0.00	25.17 1.50 0.00	18.72 1.08 0.00	23.90 1.41 0.00	26.66 1.70 0.00	37.99 2.28 0.00	47.81 2.59 0.00	98.23 4.75 0.00	56.52 2.86 0.00	40.15 2.08 0.00	39.01 1.74 0.00	38.38 1.58 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.49 1.78 0.00	35.98 2.00 0.00	31.52 1.77 0.00	32.21 1.87 0.00	33.48 1.97 0.00	37.31 2.11 0.00	54.72 3.27 0.00	79.13 4.24 0.00	53.21 3.15 0.00	47.31 2.99 0.00	42.91 2.45 0.00	32.77 1.92 0.00	31.94 1.89 0.00	25.17 1.50 0.00	18.72 1.08 0.00	23.90 1.41 0.00	26.66 1.70 0.00	37.98 2.27 0.00	47.82 2.59 0.00	98.22 4.74 0.00	56.52 2.86 0.00	40.16 2.10 0.00	39.02 1.75 0.00	38.37 1.57 0.00
CALPINE_BP_GT1 23823	31.49 1.78 0.00	35.98 2.00 0.00	31.52 1.77 0.00	32.21 1.87 0.00	33.48 1.97 0.00	37.31 2.11 0.00	54.72 3.27 0.00	79.13 4.24 0.00	53.21 3.15 0.00	47.31 2.99 0.00	42.91 2.45 0.00	32.77 1.92 0.00	31.94 1.89 0.00	25.17 1.50 0.00	18.72 1.08 0.00	23.90 1.41 0.00	26.66 1.70 0.00	37.98 2.27 0.00	47.82 2.59 0.00	98.22 4.74 0.00	56.52 2.86 0.00	40.16 2.10 0.00	39.02 1.75 0.00	38.37 1.57 0.00
CALSPAN___DRP 24200	26.25 -2.56 0.90	26.33 -2.75 4.91	22.45 -2.55 4.75	23.49 -2.46 4.38	24.80 -2.53 4.18	30.09 -2.89 2.23	39.54 -4.65 7.26	59.42 -6.51 8.95	38.80 -4.29 6.97	36.00 -3.04 5.29	33.12 -2.49 4.85	24.90 -1.85 4.10	24.21 -1.81 4.03	18.64 -1.51 3.51	13.54 -1.05 3.05	17.50 -1.57 3.42	19.65 -1.65 3.67	31.52 -2.40 1.80	42.02 -3.20 0.00	86.97 -6.50 0.00	49.65 -4.01 0.00	35.64 -2.42 0.00	35.60 -1.67 0.00	35.35 -1.46 0.00

CALVERTON___SOLAR 323806	31.75 2.04 0.00	36.25 2.27 0.00	31.81 2.06 0.00	32.58 2.25 0.00	39.23 2.41 -5.31	53.67 2.53 -15.94	54.76 3.31 0.00	64.80 3.75 13.84	53.05 2.99 0.00	47.60 3.28 0.00	42.91 2.45 0.00	32.72 1.87 0.00	31.81 1.75 0.00	25.00 1.33 0.00	18.58 0.94 0.00	23.73 1.24 0.00	26.58 1.62 0.00	38.04 2.33 0.00	48.06 2.84 0.00	97.76 4.28 0.00	56.34 2.68 0.00	40.45 2.38 0.00	39.18 1.91 0.00	38.66 1.86 0.00
CANDIGU_WT_PWR 323617	15.37 -2.73 11.61	-31.36 -2.85 62.49	-31.15 -2.64 58.26	-27.58 -2.56 55.36	-24.71 -2.54 53.70	3.75 -2.88 28.57	-45.74 -4.04 93.15	-44.93 -5.75 114.06	-42.98 -4.26 88.78	-27.22 -3.77 67.78	-25.59 -3.80 62.26	-24.62 -2.89 52.58	-24.55 -2.82 51.78	-23.89 -2.18 45.39	-23.33 -1.59 39.39	-23.81 -2.07 44.23	-24.70 -2.25 47.41	9.52 -3.02 23.17	41.61 -3.61 0.00	87.26 -6.21 0.00	49.96 -3.69 0.00	35.73 -2.34 0.00	35.25 -2.02 0.00	34.82 -1.98 0.00
CARR STREET_E_SYR 24060	28.77 -0.95 0.00	32.96 -1.02 0.00	28.86 -0.89 0.00	29.46 -0.88 0.00	30.63 -0.89 0.00	34.18 -1.02 0.00	49.98 -1.47 0.00	72.87 -2.01 0.00	48.59 -1.47 0.00	43.01 -1.32 0.00	39.39 -1.08 0.00	30.03 -0.81 0.00	29.25 -0.80 0.00	23.05 -0.62 0.00	17.19 -0.45 0.00	21.87 -0.62 0.00	24.24 -0.73 0.00	34.69 -1.03 0.00	43.90 -1.32 0.00	90.73 -2.75 0.00	52.02 -1.64 0.00	36.95 -1.12 0.00	36.24 -1.03 0.00	35.82 -0.98 0.00
CARTHAGE___PAPER 23857	29.35 -0.36 0.00	33.83 -0.15 0.00	29.54 -0.21 0.00	30.09 -0.24 0.00	31.00 -0.51 0.00	34.64 -0.56 0.00	50.84 -0.61 0.00	74.38 -0.51 0.00	49.31 -0.75 0.00	42.67 -1.66 0.00	38.43 -2.03 0.00	28.93 -1.92 0.00	28.19 -1.86 0.00	22.20 -1.48 0.00	16.55 -1.10 0.00	21.17 -1.33 0.00	23.66 -1.31 0.00	34.70 -1.01 0.00	44.72 -0.51 0.00	93.58 0.10 0.00	53.65 -0.02 0.00	38.01 -0.06 0.00	37.26 -0.01 0.00	37.44 0.64 0.00
CASSADAGA_WT_PWR 323784	26.05 -3.23 0.43	28.11 -3.50 2.37	24.15 -3.24 2.36	25.12 -3.09 2.13	26.41 -3.10 2.01	30.62 -3.51 1.07	42.70 -5.27 3.48	63.47 -7.15 4.27	41.89 -4.85 3.32	38.07 -3.73 2.53	34.94 -3.20 2.33	26.67 -2.22 1.97	26.07 -2.05 1.93	20.16 -1.83 1.69	14.78 -1.40 1.46	19.06 -1.79 1.64	21.96 -1.25 1.76	33.16 -1.69 0.86	43.21 -2.01 0.00	89.51 -3.96 0.00	51.11 -2.54 0.00	36.47 -1.60 0.00	36.38 -0.89 0.00	36.13 -0.67 0.00
CE_DUNWOOD___DRP 24194	30.93 1.22 0.00	35.34 1.35 0.00	30.97 1.22 0.00	31.58 1.25 0.00	32.83 1.31 0.00	36.63 1.43 0.00	53.86 2.41 0.00	78.43 3.54 0.00	52.52 2.46 0.00	46.51 2.19 0.00	42.33 1.87 0.00	32.36 1.51 0.00	31.57 1.52 0.00	24.90 1.23 0.00	18.53 0.89 0.00	23.66 1.17 0.00	26.37 1.40 0.00	37.56 1.84 0.00	47.29 2.07 0.00	97.41 3.93 0.00	55.95 2.29 0.00	39.61 1.54 0.00	38.57 1.31 0.00	37.97 1.17 0.00
CE_MILLWOOD___DRP 24193	30.81 1.10 0.00	35.20 1.22 0.00	30.86 1.11 0.00	31.47 1.13 0.00	32.71 1.19 0.00	36.52 1.32 0.00	53.68 2.23 0.00	78.18 3.29 0.00	52.33 2.27 0.00	46.34 2.01 0.00	42.15 1.68 0.00	32.21 1.37 0.00	31.42 1.37 0.00	24.78 1.11 0.00	18.46 0.82 0.00	23.56 1.07 0.00	26.25 1.29 0.00	37.40 1.69 0.00	47.11 1.89 0.00	97.07 3.59 0.00	55.76 2.10 0.00	39.46 1.40 0.00	38.45 1.18 0.00	37.86 1.06 0.00
CE_NYC2_DRP 24202	31.20 1.48 -0.01	35.59 1.60 -0.01	31.21 1.46 -0.01	31.78 1.45 0.00	33.02 1.50 0.00	36.83 1.64 0.00	54.21 2.76 0.00	79.01 4.12 0.00	52.98 2.93 0.00	46.92 2.59 0.00	42.81 2.35 0.00	33.32 1.91 -0.56	33.30 1.93 -1.31	26.97 1.57 -1.73	21.15 1.15 -2.36	25.50 1.47 -1.53	26.70 1.73 -0.01	37.98 2.27 0.00	47.67 2.45 0.00	98.11 4.63 0.00	56.37 2.71 0.00	39.87 1.81 0.00	38.86 1.59 0.00	38.24 1.44 0.00
CE_NYC_DRP 24195	31.06 1.34 0.00	35.44 1.46 0.00	31.08 1.33 0.00	31.66 1.33 0.00	32.91 1.39 0.00	36.72 1.52 0.00	54.08 2.63 0.00	78.80 3.92 0.00	52.79 2.73 0.00	46.75 2.43 0.00	42.60 2.14 0.00	32.61 1.76 0.00	31.84 1.78 0.00	25.13 1.46 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.58 1.61 0.00	37.83 2.11 0.00	47.55 2.33 0.00	97.85 4.37 0.00	56.18 2.53 0.00	39.76 1.69 0.00	38.72 1.45 0.00	38.10 1.30 0.00
CHAFFEE___LFGE 323603	27.87 -1.84 0.00	32.12 -1.86 0.00	27.98 -1.77 0.00	28.69 -1.64 0.00	29.82 -1.69 0.00	33.15 -2.05 0.00	48.35 -3.10 0.00	71.04 -3.85 0.00	47.20 -2.86 0.00	42.23 -2.10 0.00	38.73 -1.74 0.00	29.69 -1.15 0.00	28.91 -1.15 0.00	22.76 -0.91 0.00	16.97 -0.67 0.00	21.48 -1.01 0.00	23.91 -1.06 0.00	34.08 -1.64 0.00	42.86 -2.37 0.00	88.88 -4.60 0.00	50.79 -2.87 0.00	36.17 -1.90 0.00	36.02 -1.26 0.00	35.81 -0.99 0.00
CHATEAUG_35_KV_LOAD 355732	30.10 0.39 0.00	34.07 0.09 0.00	29.60 -0.15 0.00	30.00 -0.33 0.00	31.15 -0.37 0.00	34.91 -0.29 0.00	50.86 -0.59 0.00	73.96 -0.93 0.00	49.46 -0.60 0.00	43.72 -0.60 0.00	39.80 -0.67 0.00	30.32 -0.53 0.00	29.48 -0.58 0.00	23.40 -0.55 -0.27	17.26 -0.38 0.00	22.07 -0.43 0.00	24.49 -0.47 0.00	35.25 -0.46 0.00	45.17 -0.05 0.00	94.67 1.19 0.00	54.38 0.72 0.00	38.37 0.30 0.00	37.64 0.37 0.00	37.07 0.27 0.00
CHATEAUG_WT_PWR 323614	30.02 0.30 0.00	34.00 0.02 0.00	29.51 -0.24 0.00	29.90 -0.43 0.00	31.06 -0.45 0.00	34.82 -0.38 0.00	50.71 -0.74 0.00	73.68 -1.21 0.00	49.28 -0.78 0.00	43.59 -0.73 0.00	39.68 -0.78 0.00	30.25 -0.60 0.00	29.39 -0.66 0.00	20.14 -0.63 2.90	17.18 -0.46 0.00	21.99 -0.50 0.00	24.41 -0.55 0.00	35.15 -0.56 0.00	45.03 -0.20 0.00	94.34 0.86 0.00	54.20 0.54 0.00	38.21 0.14 0.00	37.47 0.19 0.00	36.90 0.10 0.00
CHAT_HIGH_FALL_HYD 323578	30.10 0.39 0.00	34.07 0.09 0.00	29.60 -0.15 0.00	30.00 -0.33 0.00	31.15 -0.37 0.00	34.91 -0.29 0.00	50.86 -0.59 0.00	73.96 -0.93 0.00	49.46 -0.60 0.00	43.72 -0.60 0.00	39.80 -0.67 0.00	30.32 -0.53 0.00	29.48 -0.58 0.00	23.40 -0.55 -0.27	17.26 -0.38 0.00	22.07 -0.43 0.00	24.49 -0.47 0.00	35.25 -0.46 0.00	45.17 -0.05 0.00	94.67 1.19 0.00	54.38 0.72 0.00	38.37 0.30 0.00	37.64 0.37 0.00	37.07 0.27 0.00
CHAUTAUQUA___LFGE 323629	26.20 -2.87 0.64	27.47 -3.02 3.50	23.55 -2.79 3.41	24.54 -2.67 3.12	25.84 -2.70 2.97	30.61 -3.00 1.58	41.73 -4.56 5.16	62.40 -6.15 6.34	40.89 -4.23 4.93	37.39 -3.19 3.75	34.16 -2.86 3.44	25.92 -2.02 2.91	25.21 -1.98 2.86	19.49 -1.68 2.50	14.28 -1.20 2.17	18.46 -1.60 2.44	21.10 -1.26 2.61	32.64 -1.80 1.28	42.87 -2.35 0.00	88.70 -4.78 0.00	50.59 -3.07 0.00	36.14 -1.92 0.00	36.11 -1.16 0.00	35.86 -0.94 0.00
CHERRYST_13_KV_LD 356241	31.12 1.41 0.00	35.53 1.54 0.00	31.14 1.40 0.00	31.75 1.42 0.00	32.99 1.47 0.00	36.82 1.63 0.00	54.24 2.78 0.00	79.04 4.15 0.00	52.97 2.92 0.00	46.92 2.59 0.00	42.75 2.29 0.00	32.72 1.87 0.00	31.95 1.89 0.00	25.21 1.54 0.00	18.77 1.13 0.00	23.94 1.44 0.00	26.67 1.70 0.00	37.95 2.23 0.00	47.70 2.48 0.00	98.13 4.65 0.00	56.34 2.69 0.00	39.86 1.80 0.00	38.82 1.55 0.00	38.19 1.39 0.00

CHESTROR_138KV_BK263 355645	30.53 0.82 0.00	34.89 0.91 0.00	30.59 0.84 0.00	31.20 0.86 0.00	32.44 0.92 0.00	36.23 1.03 0.00	53.21 1.75 0.00	77.50 2.61 0.00	51.82 1.77 0.00	45.83 1.51 0.00	41.66 1.19 0.00	31.79 0.95 0.00	31.01 0.96 0.00	24.49 0.81 0.00	18.24 0.60 0.00	23.28 0.78 0.00	25.93 0.97 0.00	36.98 1.27 0.00	46.66 1.44 0.00	96.27 2.79 0.00	55.29 1.63 0.00	39.14 1.07 0.00	38.16 0.89 0.00	37.59 0.79 0.00
CH_MIDHUDSON___DRP 24192	30.92 1.20 0.00	35.34 1.36 0.00	30.98 1.23 0.00	31.59 1.26 0.00	32.85 1.33 0.00	36.67 1.47 0.00	53.86 2.41 0.00	78.45 3.56 0.00	52.49 2.43 0.00	46.45 2.13 0.00	42.24 1.78 0.00	32.24 1.40 0.00	31.44 1.39 0.00	24.78 1.11 0.00	18.44 0.80 0.00	23.56 1.07 0.00	26.25 1.29 0.00	37.45 1.74 0.00	47.24 2.01 0.00	97.40 3.92 0.00	55.94 2.28 0.00	39.60 1.53 0.00	38.57 1.30 0.00	37.97 1.17 0.00
CH_MISC_IPPS 23765	31.01 1.30 0.00	35.44 1.46 0.00	31.06 1.31 0.00	31.68 1.35 0.00	32.94 1.43 0.00	36.81 1.61 0.00	54.10 2.65 0.00	78.82 3.94 0.00	52.70 2.64 0.00	46.59 2.27 0.00	42.34 1.88 0.00	32.30 1.46 0.00	31.50 1.44 0.00	24.85 1.17 0.00	18.49 0.85 0.00	23.62 1.13 0.00	26.34 1.38 0.00	37.60 1.89 0.00	47.46 2.24 0.00	97.90 4.42 0.00	56.21 2.55 0.00	39.79 1.73 0.00	38.74 1.48 0.00	38.13 1.32 0.00
CH_RES_BVR_FALLS 23983	29.44 -0.28 0.00	33.66 -0.32 0.00	29.47 -0.28 0.00	29.99 -0.34 0.00	31.03 -0.48 0.00	34.65 -0.54 0.00	50.60 -0.85 0.00	73.56 -1.33 0.00	49.26 -0.80 0.00	43.71 -0.62 0.00	39.89 -0.58 0.00	30.36 -0.49 0.00	29.58 -0.47 0.00	23.24 -0.43 0.00	17.34 -0.30 0.00	22.12 -0.37 0.00	24.56 -0.40 0.00	35.23 -0.49 0.00	44.73 -0.49 0.00	92.91 -0.57 0.00	53.35 -0.31 0.00	37.85 -0.21 0.00	37.17 -0.10 0.00	36.91 0.11 0.00
CH_RES_NIAGARA 23895	24.97 -3.59 1.16	23.81 -3.89 6.28	20.19 -3.54 6.02	21.25 -3.49 5.59	22.53 -3.62 5.36	28.17 -4.18 2.85	35.47 -6.68 9.31	53.91 -9.56 11.42	34.97 -6.20 8.89	32.90 -4.66 6.77	30.40 -3.85 6.22	22.69 -2.91 5.25	22.08 -2.81 5.17	16.85 -2.33 4.50	12.09 -1.64 3.91	15.75 -2.36 4.39	17.66 -2.61 4.71	29.58 -3.84 2.30	40.20 -5.02 0.00	83.09 -10.39 0.00	47.44 -6.22 0.00	34.08 -3.99 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
CH_RES_SYRACUSE 23985	28.97 -0.74 0.00	33.18 -0.80 0.00	29.07 -0.68 0.00	29.68 -0.66 0.00	30.84 -0.68 0.00	34.40 -0.79 0.00	50.32 -1.14 0.00	73.38 -1.50 0.00	48.89 -1.17 0.00	43.22 -1.10 0.00	39.53 -0.93 0.00	30.14 -0.70 0.00	29.34 -0.71 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.53 0.00	24.35 -0.62 0.00	34.88 -0.84 0.00	44.19 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.17 -0.90 0.00	36.45 -0.81 0.00	36.04 -0.76 0.00
CLINTON_WT_PWR 323605	30.02 0.30 0.00	34.00 0.02 0.00	29.51 -0.24 0.00	29.90 -0.43 0.00	31.06 -0.45 0.00	34.82 -0.38 0.00	50.71 -0.74 0.00	73.68 -1.21 0.00	49.28 -0.78 0.00	43.59 -0.73 0.00	39.68 -0.78 0.00	30.25 -0.60 0.00	29.39 -0.66 0.00	20.14 -0.63 2.90	17.18 -0.46 0.00	21.99 -0.50 0.00	24.41 -0.55 0.00	35.15 -0.56 0.00	45.03 -0.20 0.00	94.34 0.86 0.00	54.20 0.54 0.00	38.21 0.14 0.00	37.47 0.19 0.00	36.90 0.10 0.00
CLINTON___LFGE 323618	30.58 0.86 0.00	34.50 0.52 0.00	29.78 0.03 0.00	30.07 -0.26 0.00	31.27 -0.24 0.00	35.10 -0.10 0.00	51.11 -0.34 0.00	74.19 -0.70 0.00	49.66 -0.40 0.00	43.91 -0.41 0.00	39.87 -0.60 0.00	30.43 -0.42 0.00	29.43 -0.63 0.00	24.92 -0.68 -1.92	17.12 -0.52 0.00	21.99 -0.51 0.00	24.46 -0.51 0.00	35.27 -0.44 0.00	45.41 0.19 0.00	95.57 2.09 0.00	55.01 1.36 0.00	38.62 0.56 0.00	37.91 0.64 0.00	37.14 0.34 0.00
COBBLENY_34_KV_TB1 80064	27.87 -1.85 0.00	32.08 -1.90 0.00	27.95 -1.80 0.00	28.67 -1.66 0.00	29.78 -1.74 0.00	33.11 -2.09 0.00	48.29 -3.16 0.00	70.99 -3.90 0.00	47.14 -2.92 0.00	42.17 -2.15 0.00	38.67 -1.80 0.00	29.67 -1.18 0.00	28.88 -1.18 0.00	22.77 -0.91 0.00	16.98 -0.66 0.00	21.47 -1.03 0.00	23.90 -1.07 0.00	34.06 -1.65 0.00	42.86 -2.36 0.00	88.89 -4.59 0.00	50.77 -2.89 0.00	36.20 -1.87 0.00	36.02 -1.25 0.00	35.81 -0.99 0.00
COFFEEN___115KV_TB3 355620	29.18 -0.54 0.00	33.64 -0.34 0.00	29.34 -0.40 0.00	29.93 -0.40 0.00	30.88 -0.64 0.00	34.52 -0.68 0.00	50.71 -0.75 0.00	74.29 -0.59 0.00	49.12 -0.94 0.00	42.29 -2.04 0.00	37.97 -2.49 0.00	28.57 -2.28 0.00	27.87 -2.19 0.00	21.94 -1.73 0.00	16.35 -1.29 0.00	20.90 -1.59 0.00	23.36 -1.61 0.00	34.40 -1.31 0.00	44.42 -0.81 0.00	93.33 -0.15 0.00	53.52 -0.14 0.00	37.91 -0.16 0.00	37.12 -0.15 0.00	37.33 0.53 0.00
COLDSPRG_115KV_BK1 355956	27.71 -2.00 0.00	31.92 -2.07 0.00	27.78 -1.97 0.00	28.51 -1.83 0.00	29.67 -1.84 0.00	33.11 -2.09 0.00	48.33 -3.12 0.00	71.05 -3.84 0.00	47.33 -2.73 0.00	42.38 -1.94 0.00	38.81 -1.65 0.00	29.74 -1.11 0.00	28.99 -1.06 0.00	22.74 -0.94 0.00	16.96 -0.68 0.00	21.52 -0.97 0.00	24.23 -0.74 0.00	34.65 -1.06 0.00	43.81 -1.41 0.00	90.91 -2.57 0.00	51.89 -1.77 0.00	37.05 -1.02 0.00	36.91 -0.36 0.00	36.63 -0.17 0.00
COLONIE_LFGE___ 323577	30.85 1.14 0.00	35.29 1.30 0.00	30.92 1.17 0.00	31.55 1.22 0.00	32.80 1.29 0.00	36.71 1.51 0.00	53.66 2.21 0.00	78.01 3.13 0.00	52.23 2.17 0.00	46.21 1.88 0.00	42.02 1.56 0.00	31.92 1.08 0.00	31.08 1.03 0.00	24.39 0.72 0.00	18.12 0.48 0.00	23.21 0.72 0.00	25.85 0.88 0.00	36.99 1.28 0.00	46.78 1.55 0.00	96.34 2.87 0.00	55.41 1.75 0.00	39.28 1.21 0.00	38.32 1.05 0.00	37.70 0.90 0.00
COOPERNY_115KV_TB1 80082	30.24 0.52 0.00	34.58 0.60 0.00	30.30 0.55 0.00	30.90 0.57 0.00	32.13 0.62 0.00	35.89 0.69 0.00	52.66 1.21 0.00	76.66 1.77 0.00	51.22 1.16 0.00	45.34 1.01 0.00	41.26 0.80 0.00	31.48 0.63 0.00	30.70 0.64 0.00	24.24 0.57 0.00	18.05 0.41 0.00	23.04 0.55 0.00	25.63 0.67 0.00	36.57 0.86 0.00	46.18 0.95 0.00	95.28 1.80 0.00	54.71 1.05 0.00	38.78 0.71 0.00	37.85 0.57 0.00	37.30 0.50 0.00
COPENHAGEN_WT_PWR 323753	28.62 -1.09 0.00	33.05 -0.93 0.00	28.82 -0.94 0.00	29.39 -0.95 0.00	30.27 -1.24 0.00	33.79 -1.41 0.00	49.56 -1.89 0.00	72.56 -2.34 0.00	48.06 -2.00 0.00	41.57 -2.75 0.00	37.48 -2.98 0.00	28.24 -2.60 0.00	27.57 -2.49 0.00	21.68 -1.99 0.00	16.16 -1.48 0.00	20.65 -1.85 0.00	23.05 -1.91 0.00	33.80 -1.91 0.00	43.50 -1.73 0.00	91.09 -2.39 0.00	52.21 -1.45 0.00	37.02 -1.05 0.00	36.28 -0.99 0.00	36.73 -0.08 0.00
CORNELL_____ 23752	29.94 -0.30 -0.53	36.52 -0.28 -2.82	32.12 -0.24 -2.61	32.64 -0.18 -2.49	33.80 -0.14 -2.42	36.35 -0.13 -1.29	55.67 0.02 -4.20	80.21 0.17 -5.15	53.85 -0.22 -4.01	46.84 -0.55 -3.06	42.53 -0.75 -2.81	32.54 -0.67 -2.37	31.66 -0.72 -2.33	25.00 -0.56 -1.89	18.88 -0.40 -1.64	23.83 -0.51 -1.84	26.41 -0.53 -1.98	36.18 -0.51 -0.96	44.87 -0.35 0.00	93.07 -0.41 0.00	53.43 -0.23 0.00	37.91 -0.16 0.00	37.18 -0.10 0.00	36.69 -0.12 0.00

CORONA__69_KV_TB1 355595	31.45 1.74 0.00	35.91 1.93 0.00	31.46 1.71 0.00	32.12 1.78 0.00	33.38 1.87 0.00	37.21 2.01 0.00	54.62 3.17 0.00	79.12 4.24 0.00	53.16 3.10 0.00	47.23 2.91 0.00	42.90 2.44 0.00	32.76 1.91 0.00	31.94 1.89 0.00	25.17 1.50 0.00	18.73 1.09 0.00	23.93 1.43 0.00	26.72 1.76 0.00	38.07 2.36 0.00	47.94 2.71 0.00	98.49 5.01 0.00	56.69 3.04 0.00	40.23 2.17 0.00	39.15 1.88 0.00	38.50 1.70 0.00
CORTLAND__115KV_TB3 80093	29.32 -0.39 0.00	33.61 -0.37 0.00	29.43 -0.32 0.00	30.06 -0.27 0.00	31.25 -0.26 0.00	34.92 -0.28 0.00	51.22 -0.23 0.00	74.72 -0.17 0.00	49.69 -0.37 0.00	43.80 -0.52 0.00	39.84 -0.63 0.00	30.33 -0.51 0.00	29.52 -0.53 0.00	23.29 -0.39 0.00	17.37 -0.27 0.00	22.13 -0.37 0.00	24.58 -0.39 0.00	35.26 -0.45 0.00	44.80 -0.43 0.00	92.78 -0.70 0.00	53.20 -0.46 0.00	37.76 -0.30 0.00	37.00 -0.27 0.00	36.53 -0.27 0.00
COXSACKIE__GT 23611	31.84 2.12 0.00	36.42 2.44 0.00	31.90 2.15 0.00	32.57 2.23 0.00	33.90 2.38 0.00	38.02 2.82 0.00	55.86 4.40 0.00	81.46 6.58 0.00	54.27 4.21 0.00	47.21 2.89 0.00	42.54 2.07 0.00	32.26 1.42 0.00	31.35 1.29 0.00	24.63 0.96 0.00	18.30 0.66 0.00	23.41 0.92 0.00	26.15 1.18 0.00	37.79 2.08 0.00	48.45 3.23 0.00	100.40 6.92 0.00	57.65 3.99 0.00	40.82 2.75 0.00	39.77 2.50 0.00	39.06 2.26 0.00
CPV_VALLEY__CC1 323721	30.32 0.61 0.00	34.66 0.68 0.00	30.38 0.63 0.00	30.98 0.65 0.00	32.21 0.69 0.00	35.97 0.77 0.00	52.80 1.34 0.00	76.89 2.00 0.00	51.40 1.35 0.00	45.52 1.19 0.00	41.39 0.93 0.00	31.61 0.76 0.00	30.83 0.78 0.00	24.37 0.70 0.00	18.15 0.51 0.00	23.15 0.65 0.00	25.77 0.81 0.00	36.73 1.02 0.00	46.32 1.10 0.00	95.54 2.06 0.00	54.87 1.21 0.00	38.88 0.82 0.00	37.92 0.65 0.00	37.35 0.54 0.00
CPV_VALLEY__CC2 323722	30.32 0.61 0.00	34.66 0.68 0.00	30.38 0.63 0.00	30.98 0.65 0.00	32.21 0.69 0.00	35.97 0.77 0.00	52.80 1.34 0.00	76.89 2.00 0.00	51.40 1.35 0.00	45.52 1.19 0.00	41.39 0.93 0.00	31.61 0.76 0.00	30.83 0.78 0.00	24.37 0.70 0.00	18.15 0.51 0.00	23.15 0.65 0.00	25.77 0.81 0.00	36.73 1.02 0.00	46.32 1.10 0.00	95.54 2.06 0.00	54.87 1.21 0.00	38.88 0.82 0.00	37.92 0.65 0.00	37.35 0.54 0.00
CRESCENT__HYD 24018	30.85 1.14 0.00	35.29 1.30 0.00	30.92 1.17 0.00	31.55 1.22 0.00	32.80 1.29 0.00	36.71 1.51 0.00	53.66 2.21 0.00	78.01 3.13 0.00	52.23 2.17 0.00	46.21 1.88 0.00	42.02 1.56 0.00	31.92 1.08 0.00	31.08 1.03 0.00	24.39 0.72 0.00	18.12 0.48 0.00	23.21 0.72 0.00	25.85 0.88 0.00	36.99 1.28 0.00	46.78 1.55 0.00	96.34 2.87 0.00	55.41 1.75 0.00	39.28 1.21 0.00	38.32 1.05 0.00	37.70 0.90 0.00
CRICKET__VALLEY_CC1 323756	30.72 1.01 0.00	35.14 1.16 0.00	30.81 1.06 0.00	31.42 1.09 0.00	32.65 1.13 0.00	36.41 1.21 0.00	53.37 1.92 0.00	77.69 2.80 0.00	52.00 1.94 0.00	46.13 1.81 0.00	41.99 1.53 0.00	32.05 1.21 0.00	31.29 1.23 0.00	24.61 0.94 0.00	18.29 0.65 0.00	23.40 0.91 0.00	26.07 1.11 0.00	37.13 1.41 0.00	46.78 1.56 0.00	96.41 2.93 0.00	55.38 1.72 0.00	39.22 1.15 0.00	38.19 0.91 0.00	37.59 0.79 0.00
CRICKET__VALLEY_CC2 323757	30.72 1.01 0.00	35.14 1.16 0.00	30.81 1.06 0.00	31.42 1.09 0.00	32.65 1.13 0.00	36.41 1.21 0.00	53.37 1.92 0.00	77.69 2.80 0.00	52.00 1.94 0.00	46.13 1.81 0.00	41.99 1.53 0.00	32.05 1.21 0.00	31.29 1.23 0.00	24.61 0.94 0.00	18.29 0.65 0.00	23.40 0.91 0.00	26.07 1.11 0.00	37.13 1.41 0.00	46.78 1.56 0.00	96.41 2.93 0.00	55.38 1.72 0.00	39.22 1.15 0.00	38.19 0.91 0.00	37.59 0.79 0.00
CRICKET__VALLEY_CC3 323758	30.72 1.01 0.00	35.14 1.16 0.00	30.81 1.06 0.00	31.42 1.09 0.00	32.65 1.13 0.00	36.41 1.21 0.00	53.37 1.92 0.00	77.69 2.80 0.00	52.00 1.94 0.00	46.13 1.81 0.00	41.99 1.53 0.00	32.05 1.21 0.00	31.29 1.23 0.00	24.61 0.94 0.00	18.29 0.65 0.00	23.40 0.91 0.00	26.07 1.11 0.00	37.13 1.41 0.00	46.78 1.56 0.00	96.41 2.93 0.00	55.38 1.72 0.00	39.22 1.15 0.00	38.19 0.91 0.00	37.59 0.79 0.00
CRUCIBLE_METL_DRP 24180	28.97 -0.74 0.00	33.17 -0.81 0.00	29.07 -0.68 0.00	29.67 -0.66 0.00	30.83 -0.68 0.00	34.40 -0.80 0.00	50.31 -1.14 0.00	73.37 -1.52 0.00	48.88 -1.18 0.00	43.22 -1.11 0.00	39.52 -0.94 0.00	30.14 -0.71 0.00	29.34 -0.72 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.54 0.00	24.34 -0.62 0.00	34.87 -0.84 0.00	44.18 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.18 -0.89 0.00	36.46 -0.81 0.00	36.04 -0.76 0.00
DAHOWA__HYDRO 323763	31.43 1.71 0.00	35.97 1.99 0.00	31.50 1.75 0.00	32.20 1.87 0.00	33.48 1.97 0.00	37.59 2.39 0.00	55.10 3.65 0.00	80.19 5.31 0.00	53.03 2.97 0.00	46.66 2.34 0.00	42.30 1.83 0.00	32.09 1.24 0.00	31.20 1.15 0.00	24.47 0.80 0.00	18.20 0.56 0.00	23.32 0.82 0.00	26.07 1.11 0.00	37.51 1.79 0.00	47.54 2.32 0.00	97.96 4.48 0.00	56.27 2.62 0.00	39.83 1.76 0.00	38.82 1.55 0.00	38.17 1.37 0.00
DANC__LFGE 323619	28.64 -1.08 0.00	32.97 -1.01 0.00	28.79 -0.96 0.00	29.37 -0.97 0.00	30.36 -1.16 0.00	33.86 -1.34 0.00	49.58 -1.88 0.00	72.46 -2.43 0.00	48.11 -1.94 0.00	41.98 -2.35 0.00	38.10 -2.37 0.00	28.86 -1.99 0.00	28.13 -1.92 0.00	22.15 -1.53 0.00	16.51 -1.14 0.00	21.04 -1.45 0.00	23.41 -1.56 0.00	34.03 -1.69 0.00	43.53 -1.70 0.00	90.70 -2.78 0.00	52.00 -1.66 0.00	36.89 -1.17 0.00	36.16 -1.12 0.00	36.28 -0.53 0.00
DANSKAMMER__1 23586	31.01 1.30 0.00	35.44 1.46 0.00	31.06 1.31 0.00	31.68 1.35 0.00	32.94 1.43 0.00	36.81 1.61 0.00	54.10 2.65 0.00	78.82 3.94 0.00	52.70 2.64 0.00	46.59 2.27 0.00	42.34 1.88 0.00	32.30 1.46 0.00	31.50 1.44 0.00	24.85 1.17 0.00	18.49 0.85 0.00	23.62 1.13 0.00	26.34 1.38 0.00	37.60 1.89 0.00	47.46 2.24 0.00	97.90 4.42 0.00	56.21 2.55 0.00	39.79 1.73 0.00	38.74 1.48 0.00	38.13 1.32 0.00
DANSKAMMER__2 23589	31.01 1.30 0.00	35.44 1.46 0.00	31.06 1.31 0.00	31.68 1.35 0.00	32.94 1.43 0.00	36.81 1.61 0.00	54.10 2.65 0.00	78.82 3.94 0.00	52.70 2.64 0.00	46.59 2.27 0.00	42.34 1.88 0.00	32.30 1.46 0.00	31.50 1.44 0.00	24.85 1.17 0.00	18.49 0.85 0.00	23.62 1.13 0.00	26.34 1.38 0.00	37.60 1.89 0.00	47.46 2.24 0.00	97.90 4.42 0.00	56.21 2.55 0.00	39.79 1.73 0.00	38.74 1.48 0.00	38.13 1.32 0.00
DANSKAMMER__3 23590	31.01 1.30 0.00	35.44 1.46 0.00	31.06 1.31 0.00	31.68 1.35 0.00	32.94 1.43 0.00	36.81 1.61 0.00	54.10 2.65 0.00	78.82 3.94 0.00	52.70 2.64 0.00	46.59 2.27 0.00	42.34 1.88 0.00	32.30 1.46 0.00	31.50 1.44 0.00	24.85 1.17 0.00	18.49 0.85 0.00	23.62 1.13 0.00	26.34 1.38 0.00	37.60 1.89 0.00	47.46 2.24 0.00	97.90 4.42 0.00	56.21 2.55 0.00	39.79 1.73 0.00	38.74 1.48 0.00	38.13 1.32 0.00

DANSKAMMER___4 23591	31.01 1.30 0.00	35.44 1.46 0.00	31.06 1.31 0.00	31.68 1.35 0.00	32.94 1.43 0.00	36.81 1.61 0.00	54.10 2.65 0.00	78.82 3.94 0.00	52.70 2.64 0.00	46.59 2.27 0.00	42.34 1.88 0.00	32.30 1.46 0.00	31.50 1.44 0.00	24.85 1.17 0.00	18.49 0.85 0.00	23.62 1.13 0.00	26.34 1.38 0.00	37.60 1.89 0.00	47.46 2.24 0.00	97.90 4.42 0.00	56.21 2.55 0.00	39.79 1.73 0.00	38.74 1.48 0.00	38.13 1.32 0.00
DANSKAMMER___DIESEL 23592	31.02 1.31 0.00	35.45 1.46 0.00	31.06 1.31 0.00	31.68 1.35 0.00	32.95 1.44 0.00	36.81 1.61 0.00	54.11 2.66 0.00	78.84 3.95 0.00	52.71 2.65 0.00	46.60 2.27 0.00	42.35 1.89 0.00	32.31 1.46 0.00	31.50 1.45 0.00	24.84 1.17 0.00	18.49 0.85 0.00	23.63 1.14 0.00	26.34 1.38 0.00	37.61 1.89 0.00	47.46 2.23 0.00	97.90 4.42 0.00	56.21 2.55 0.00	39.78 1.71 0.00	38.74 1.47 0.00	38.13 1.33 0.00
DARBY___SOLAR 323810	31.26 1.55 0.00	35.80 1.82 0.00	31.35 1.60 0.00	32.04 1.70 0.00	33.32 1.80 0.00	37.37 2.17 0.00	54.76 3.31 0.00	79.71 4.82 0.00	53.26 3.21 0.00	46.85 2.52 0.00	42.43 1.97 0.00	32.16 1.32 0.00	31.29 1.24 0.00	24.52 0.85 0.00	18.25 0.61 0.00	23.39 0.90 0.00	26.05 1.09 0.00	37.34 1.63 0.00	47.34 2.12 0.00	97.50 4.02 0.00	56.02 2.36 0.00	39.67 1.60 0.00	38.67 1.40 0.00	38.03 1.23 0.00
DASHVILLE___HYD 23610	30.86 1.15 0.00	35.27 1.28 0.00	30.91 1.16 0.00	31.52 1.19 0.00	32.78 1.26 0.00	36.62 1.42 0.00	53.79 2.34 0.00	78.34 3.45 0.00	52.41 2.35 0.00	46.34 2.02 0.00	42.11 1.65 0.00	32.12 1.28 0.00	31.32 1.27 0.00	24.71 1.04 0.00	18.39 0.75 0.00	23.48 0.99 0.00	26.14 1.18 0.00	37.33 1.61 0.00	47.13 1.91 0.00	97.24 3.76 0.00	55.86 2.20 0.00	39.55 1.48 0.00	38.53 1.26 0.00	37.92 1.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.93 2.21 0.00	36.54 2.55 0.00	32.18 2.43 0.00	33.13 2.79 0.00	40.00 3.03 -5.46	54.80 3.23 -16.37	55.49 4.04 0.00	65.08 4.40 14.21	53.71 3.65 0.00	48.19 3.86 0.00	43.20 2.73 0.00	32.80 1.95 0.00	31.70 1.64 0.00	24.77 1.10 0.00	18.41 0.77 0.00	23.44 0.95 0.00	26.28 1.32 0.00	37.82 2.10 0.00	47.84 2.62 0.00	97.12 3.64 0.00	55.99 2.34 0.00	40.16 2.09 0.00	38.91 1.64 0.00	38.52 1.72 0.00
DELAWARE___LFGE 323621	30.12 0.41 0.00	34.49 0.51 0.00	30.21 0.47 0.00	30.84 0.51 0.00	32.07 0.56 0.00	35.85 0.65 0.00	52.59 1.14 0.00	76.56 1.67 0.00	51.06 1.00 0.00	45.15 0.82 0.00	41.25 0.78 0.00	31.41 0.57 0.00	30.59 0.54 0.00	24.17 0.49 0.00	17.99 0.35 0.00	22.95 0.45 0.00	25.46 0.50 0.00	36.41 0.70 0.00	46.10 0.88 0.00	95.01 1.53 0.00	54.58 0.93 0.00	38.70 0.63 0.00	37.83 0.56 0.00	37.32 0.52 0.00
DERFIELD_115KV_TB7 355931	29.85 0.14 0.00	34.15 0.17 0.00	29.93 0.17 0.00	30.50 0.17 0.00	31.68 0.16 0.00	35.39 0.20 0.00	51.81 0.36 0.00	75.41 0.51 0.00	50.38 0.32 0.00	44.54 0.21 0.00	40.62 0.15 0.00	30.94 0.09 0.00	30.15 0.09 0.00	23.75 0.08 0.00	17.68 0.04 0.00	22.57 0.08 0.00	25.06 0.09 0.00	35.85 0.14 0.00	45.40 0.18 0.00	93.77 0.30 0.00	53.85 0.19 0.00	38.21 0.14 0.00	37.34 0.07 0.00	36.87 0.06 0.00
DOGLEVILLE___HYD 23807	30.04 0.32 0.00	34.42 0.44 0.00	30.28 0.53 0.00	31.01 0.68 0.00	32.25 0.74 0.00	36.11 0.91 0.00	52.98 1.53 0.00	77.05 2.17 0.00	51.04 0.98 0.00	44.42 0.10 0.00	40.23 -0.23 0.00	30.48 -0.37 0.00	29.64 -0.41 0.00	23.30 -0.38 0.00	17.33 -0.31 0.00	22.19 -0.31 0.00	24.69 -0.28 0.00	35.62 -0.09 0.00	45.50 0.27 0.00	93.95 0.47 0.00	53.99 0.33 0.00	38.26 0.20 0.00	37.17 -0.10 0.00	36.40 -0.40 0.00
DUNKIRK___115KV_TB_200 55889	26.23 -2.82 0.66	27.42 -2.96 3.61	23.49 -2.75 3.52	24.48 -2.64 3.22	25.79 -2.66 3.07	30.60 -2.97 1.63	41.64 -4.49 5.32	62.29 -6.06 6.54	40.78 -4.19 5.09	37.32 -3.13 3.87	34.08 -2.83 3.55	25.86 -1.99 3.00	25.14 -1.97 2.95	19.45 -1.64 2.58	14.24 -1.17 2.24	18.41 -1.57 2.51	21.00 -1.28 2.69	32.58 -1.82 1.32	42.80 -2.42 0.00	88.57 -4.91 0.00	50.50 -3.16 0.00	36.12 -1.94 0.00	36.05 -1.22 0.00	35.81 -0.99 0.00
DUNKIRK___1 23563	26.23 -2.82 0.66	27.42 -2.96 3.61	23.49 -2.75 3.52	24.48 -2.64 3.22	25.79 -2.66 3.07	30.60 -2.97 1.63	41.64 -4.49 5.32	62.29 -6.06 6.54	40.78 -4.19 5.09	37.32 -3.13 3.87	34.08 -2.83 3.55	25.86 -1.99 3.00	25.14 -1.97 2.95	19.45 -1.64 2.58	14.24 -1.17 2.24	18.41 -1.57 2.51	21.00 -1.28 2.69	32.58 -1.82 1.32	42.80 -2.42 0.00	88.57 -4.91 0.00	50.50 -3.16 0.00	36.12 -1.94 0.00	36.05 -1.22 0.00	35.81 -0.99 0.00
DUNKIRK___2 23564	26.23 -2.82 0.66	27.42 -2.96 3.61	23.49 -2.75 3.52	24.48 -2.64 3.22	25.79 -2.66 3.07	30.60 -2.97 1.63	41.64 -4.49 5.32	62.29 -6.06 6.54	40.78 -4.19 5.09	37.32 -3.13 3.87	34.08 -2.83 3.55	25.86 -1.99 3.00	25.14 -1.97 2.95	19.45 -1.64 2.58	14.24 -1.17 2.24	18.41 -1.57 2.51	21.00 -1.28 2.69	32.58 -1.82 1.32	42.80 -2.42 0.00	88.57 -4.91 0.00	50.50 -3.16 0.00	36.12 -1.94 0.00	36.05 -1.22 0.00	35.81 -0.99 0.00
DUNKIRK___3 23565	26.25 -2.74 0.72	27.17 -2.89 3.93	23.26 -2.68 3.81	24.26 -2.57 3.51	25.56 -2.61 3.34	30.48 -2.93 1.78	41.17 -4.48 5.80	61.67 -6.08 7.13	40.30 -4.21 5.55	36.99 -3.11 4.22	33.81 -2.78 3.88	25.61 -1.96 3.27	24.90 -1.94 3.22	19.25 -1.61 2.81	14.05 -1.15 2.44	18.19 -1.56 2.74	20.65 -1.37 2.94	32.29 -1.98 1.44	42.57 -2.65 0.00	88.10 -5.38 0.00	50.23 -3.43 0.00	35.94 -2.13 0.00	35.87 -1.40 0.00	35.63 -1.18 0.00
DUNKIRK___4 23566	26.25 -2.74 0.72	27.17 -2.89 3.93	23.26 -2.68 3.81	24.26 -2.57 3.51	25.56 -2.61 3.34	30.48 -2.93 1.78	41.17 -4.48 5.80	61.67 -6.08 7.13	40.30 -4.21 5.55	36.99 -3.11 4.22	33.81 -2.78 3.88	25.61 -1.96 3.27	24.90 -1.94 3.22	19.25 -1.61 2.81	14.05 -1.15 2.44	18.19 -1.56 2.74	20.65 -1.37 2.94	32.29 -1.98 1.44	42.57 -2.65 0.00	88.10 -5.38 0.00	50.23 -3.43 0.00	35.94 -2.13 0.00	35.87 -1.40 0.00	35.63 -1.18 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.00 1.29 0.00	35.41 1.43 0.00	31.03 1.28 0.00	31.64 1.31 0.00	32.89 1.38 0.00	36.69 1.49 0.00	53.95 2.50 0.00	78.57 3.68 0.00	52.63 2.56 0.00	46.62 2.29 0.00	42.44 1.97 0.00	32.45 1.61 0.00	31.67 1.61 0.00	24.97 1.30 0.00	18.59 0.95 0.00	23.73 1.24 0.00	26.44 1.48 0.00	37.65 1.94 0.00	47.40 2.18 0.00	97.60 4.12 0.00	56.06 2.40 0.00	39.68 1.62 0.00	38.65 1.38 0.00	38.04 1.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.75 1.03 0.00	35.14 1.16 0.00	30.80 1.05 0.00	31.41 1.07 0.00	32.67 1.15 0.00	36.48 1.28 0.00	53.62 2.17 0.00	78.12 3.24 0.00	52.23 2.18 0.00	46.19 1.86 0.00	41.96 1.50 0.00	32.01 1.17 0.00	31.22 1.17 0.00	24.64 0.97 0.00	18.35 0.71 0.00	23.43 0.94 0.00	26.11 1.15 0.00	37.26 1.54 0.00	47.01 1.78 0.00	97.02 3.54 0.00	55.71 2.05 0.00	39.44 1.37 0.00	38.42 1.15 0.00	37.82 1.02 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.06 1.34 -0.01	35.45 1.46 -0.01	31.09 1.33 -0.01	31.66 1.32 0.00	32.90 1.38 0.00	36.69 1.49 0.00	54.06 2.61 0.00	78.76 3.87 0.00	52.82 2.76 0.00	46.74 2.42 0.00	42.61 2.14 0.00	32.55 1.71 0.00	31.78 1.72 0.00	25.08 1.41 0.00	18.68 1.03 -0.01	23.82 1.32 -0.01	26.54 1.57 -0.01	37.76 2.05 0.00	47.42 2.20 0.00	97.77 4.29 0.00	56.20 2.54 0.00	39.76 1.69 0.00	38.73 1.46 0.00	38.13 1.33 0.00
E179THST_13_KV_LOAD 356214	31.18 1.46 -0.01	35.58 1.59 -0.01	31.19 1.44 -0.01	31.77 1.43 0.00	33.01 1.50 0.00	36.81 1.62 0.00	54.27 2.82 0.00	79.08 4.19 0.00	53.04 2.98 0.00	46.94 2.61 0.00	42.79 2.32 0.00	32.69 1.85 0.00	31.91 1.86 0.00	25.18 1.51 0.00	18.75 1.10 -0.01	23.92 1.42 -0.01	26.65 1.68 -0.01	37.94 2.22 0.00	47.63 2.41 0.00	98.23 4.76 0.00	56.47 2.81 0.00	39.93 1.87 0.00	38.90 1.63 0.00	38.28 1.48 0.00
EAST HAMPTON___GT 23717	31.80 2.08 0.00	36.47 2.49 0.00	32.24 2.50 0.00	33.33 3.00 0.00	40.28 3.29 -5.47	55.11 3.51 -16.40	55.62 4.17 0.00	64.88 4.23 14.24	53.85 3.79 0.00	48.32 3.99 0.00	43.07 2.60 0.00	32.60 1.76 0.00	31.34 1.29 0.00	24.35 0.67 0.00	18.09 0.44 0.00	22.93 0.44 0.00	25.73 0.76 0.00	37.20 1.49 0.00	47.11 1.88 0.00	95.41 1.93 0.00	55.02 1.36 0.00	39.42 1.35 0.00	38.22 0.94 0.00	37.93 1.13 0.00
EAST RIVER___6 23660	31.04 1.32 0.00	35.41 1.43 0.00	31.05 1.30 0.00	31.65 1.31 0.00	32.88 1.36 0.00	36.70 1.50 0.00	54.04 2.59 0.00	78.73 3.85 0.00	52.76 2.70 0.00	46.74 2.42 0.00	42.58 2.12 0.00	32.59 1.74 0.00	31.83 1.77 0.00	25.13 1.46 0.00	18.71 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.82 2.11 0.00	47.54 2.31 0.00	97.82 4.35 0.00	56.18 2.52 0.00	39.76 1.69 0.00	38.71 1.44 0.00	38.08 1.28 0.00
EAST RIVER___7 23524	31.04 1.32 0.00	35.41 1.43 0.00	31.05 1.30 0.00	31.65 1.31 0.00	32.88 1.36 0.00	36.70 1.50 0.00	54.04 2.59 0.00	78.73 3.85 0.00	52.76 2.70 0.00	46.74 2.42 0.00	42.58 2.12 0.00	32.59 1.74 0.00	31.83 1.77 0.00	25.13 1.46 0.00	18.71 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.82 2.11 0.00	47.54 2.31 0.00	97.82 4.35 0.00	56.18 2.52 0.00	39.76 1.69 0.00	38.71 1.44 0.00	38.08 1.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.93 1.22 0.00	35.34 1.35 0.00	30.97 1.22 0.00	31.58 1.25 0.00	32.83 1.31 0.00	36.63 1.43 0.00	53.86 2.41 0.00	78.43 3.54 0.00	52.52 2.46 0.00	46.51 2.19 0.00	42.33 1.87 0.00	32.36 1.51 0.00	31.57 1.52 0.00	24.90 1.23 0.00	18.53 0.89 0.00	23.66 1.17 0.00	26.37 1.40 0.00	37.56 1.84 0.00	47.29 2.07 0.00	97.41 3.93 0.00	55.95 2.29 0.00	39.61 1.54 0.00	38.57 1.31 0.00	37.97 1.17 0.00
EAST_HAMPTON___DIESEL 23722	31.75 2.04 0.00	36.44 2.45 0.00	32.23 2.48 0.00	33.34 3.00 0.00	40.29 3.31 -5.47	55.12 3.52 -16.40	55.59 4.14 0.00	64.79 4.14 14.24	53.82 3.76 0.00	48.28 3.96 0.00	43.03 2.57 0.00	32.56 1.71 0.00	31.28 1.22 0.00	24.28 0.61 0.00	18.03 0.39 0.00	22.85 0.36 0.00	25.65 0.68 0.00	37.10 1.39 0.00	46.97 1.75 0.00	95.11 1.63 0.00	54.84 1.18 0.00	39.29 1.23 0.00	38.10 0.83 0.00	37.83 1.03 0.00
EAST_POINT___SOLAR 323840	31.17 1.46 0.00	35.71 1.73 0.00	31.32 1.58 0.00	31.97 1.64 0.00	33.22 1.70 0.00	37.12 1.93 0.00	54.58 3.13 0.00	79.62 4.73 0.00	51.96 1.90 0.00	44.39 0.07 0.00	40.29 -0.18 0.00	30.63 -0.22 0.00	29.94 -0.12 0.00	23.73 0.05 0.00	17.72 0.08 0.00	22.62 0.13 0.00	25.03 0.06 0.00	36.46 0.75 0.00	47.41 2.19 0.00	98.85 5.36 0.00	56.73 3.07 0.00	40.25 2.18 0.00	39.40 2.13 0.00	38.92 2.11 0.00
EAST_PULASKI___ESR 323781	28.70 -1.02 0.00	32.93 -1.05 0.00	28.81 -0.95 0.00	29.39 -0.94 0.00	30.48 -1.03 0.00	33.98 -1.22 0.00	49.68 -1.77 0.00	72.49 -2.40 0.00	48.24 -1.81 0.00	42.46 -1.87 0.00	38.76 -1.70 0.00	29.49 -1.36 0.00	28.74 -1.31 0.00	22.62 -1.05 0.00	16.86 -0.78 0.00	21.46 -1.03 0.00	23.79 -1.17 0.00	34.32 -1.40 0.00	43.65 -1.57 0.00	90.45 -3.03 0.00	51.89 -1.77 0.00	36.85 -1.22 0.00	36.11 -1.16 0.00	35.90 -0.90 0.00
EAST_RIVER___1 323558	31.05 1.34 0.00	35.44 1.45 0.00	31.07 1.32 0.00	31.66 1.32 0.00	32.89 1.38 0.00	36.71 1.52 0.00	54.07 2.62 0.00	78.79 3.90 0.00	52.79 2.73 0.00	46.75 2.42 0.00	42.58 2.12 0.00	32.60 1.75 0.00	31.83 1.78 0.00	25.13 1.46 0.00	18.71 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.82 2.11 0.00	47.55 2.33 0.00	97.85 4.38 0.00	56.19 2.53 0.00	39.77 1.70 0.00	38.73 1.46 0.00	38.10 1.30 0.00
EAST_RIVER___2 323559	31.04 1.32 0.00	35.41 1.43 0.00	31.05 1.30 0.00	31.65 1.31 0.00	32.88 1.36 0.00	36.70 1.50 0.00	54.04 2.59 0.00	78.73 3.85 0.00	52.76 2.70 0.00	46.74 2.42 0.00	42.58 2.12 0.00	32.59 1.74 0.00	31.83 1.77 0.00	25.13 1.46 0.00	18.71 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.82 2.11 0.00	47.54 2.31 0.00	97.82 4.35 0.00	56.18 2.52 0.00	39.76 1.69 0.00	38.71 1.44 0.00	38.08 1.28 0.00
EAST___DELAWARE_HYD 23607	31.08 1.36 0.00	35.52 1.54 0.00	31.13 1.39 0.00	31.76 1.43 0.00	33.04 1.53 0.00	36.95 1.75 0.00	54.34 2.89 0.00	79.12 4.23 0.00	52.62 2.56 0.00	46.42 2.10 0.00	42.29 1.82 0.00	32.17 1.32 0.00	31.34 1.28 0.00	24.60 0.92 0.00	18.28 0.64 0.00	23.35 0.85 0.00	26.06 1.10 0.00	37.30 1.58 0.00	47.25 2.03 0.00	97.68 4.20 0.00	56.04 2.38 0.00	39.68 1.61 0.00	38.65 1.38 0.00	38.02 1.23 0.00
EIGHT_POINT___WT_PWR 323820	31.41 -3.32 -5.01	57.59 -3.36 -26.96	51.56 -3.22 -25.03	51.03 -3.17 -23.87	51.67 -3.04 -23.19	43.88 -3.66 -12.34	86.48 -5.20 -40.24	116.46 -7.71 -49.28	82.89 -5.53 -38.36	68.61 -4.99 -29.28	62.30 -5.05 -26.89	49.63 -3.92 -22.71	48.62 -3.82 -22.38	40.41 -2.97 -19.71	32.62 -2.13 -17.10	38.90 -2.80 -19.21	42.55 -3.00 -20.59	41.63 -4.15 -10.06	40.17 -5.05 0.00	85.33 -8.15 0.00	48.85 -4.81 0.00	35.32 -2.75 0.00	35.12 -2.15 0.00	34.77 -2.03 0.00
ELBRIDGE_115KV_TB2 80188	28.81 -0.90 0.00	32.99 -0.99 0.00	28.91 -0.84 0.00	29.52 -0.82 0.00	30.69 -0.83 0.00	34.25 -0.95 0.00	50.03 -1.42 0.00	72.98 -1.91 0.00	48.65 -1.41 0.00	43.04 -1.28 0.00	39.37 -1.10 0.00	30.00 -0.84 0.00	29.19 -0.86 0.00	23.00 -0.68 0.00	17.16 -0.48 0.00	21.84 -0.66 0.00	24.23 -0.74 0.00	34.70 -1.01 0.00	43.95 -1.27 0.00	90.89 -2.60 0.00	52.11 -1.55 0.00	36.98 -1.08 0.00	36.31 -0.97 0.00	35.89 -0.92 0.00
ELEC_TRO_TEK 24086	31.33 1.61 0.00	35.78 1.80 0.00	31.34 1.59 0.00	32.01 1.67 0.00	33.28 1.76 0.00	37.08 1.89 0.00	54.44 2.99 0.00	78.88 3.99 0.00	52.99 2.93 0.00	47.06 2.74 0.00	42.75 2.29 0.00	32.66 1.82 0.00	31.85 1.79 0.00	25.10 1.42 0.00	18.67 1.03 0.00	23.85 1.36 0.00	26.62 1.66 0.00	37.93 2.21 0.00	47.75 2.52 0.00	98.09 4.61 0.00	56.43 2.77 0.00	40.06 2.00 0.00	38.96 1.69 0.00	38.34 1.54 0.00

ELLENBURG_WT_PWR 323604	30.02 0.30 0.00	34.00 0.02 0.00	29.51 -0.24 0.00	29.90 -0.43 0.00	31.06 -0.45 0.00	34.82 -0.38 0.00	50.71 -0.74 0.00	73.68 -1.21 0.00	49.28 -0.78 0.00	43.59 -0.73 0.00	39.68 -0.78 0.00	30.25 -0.60 0.00	29.39 -0.66 0.00	20.14 -0.63 2.90	17.18 -0.46 0.00	21.99 -0.50 0.00	24.41 -0.55 0.00	35.15 -0.56 0.00	45.03 -0.20 0.00	94.34 0.86 0.00	54.20 0.54 0.00	38.21 0.14 0.00	37.47 0.19 0.00	36.90 0.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.95 -2.77 1.00	25.58 -2.97 5.43	21.78 -2.75 5.22	22.83 -2.66 4.84	24.13 -2.75 4.64	29.59 -3.14 2.47	38.35 -5.05 8.04	57.90 -7.09 9.89	37.71 -4.65 7.70	35.11 -3.36 5.85	32.33 -2.76 5.37	24.25 -2.06 4.54	23.59 -2.00 4.47	18.11 -1.67 3.89	13.10 -1.17 3.38	16.98 -1.72 3.79	19.07 -1.83 4.07	31.03 -2.69 1.99	41.67 -3.56 0.00	86.20 -7.28 0.00	49.22 -4.44 0.00	35.31 -2.76 0.00	35.27 -2.00 0.00	35.04 -1.76 0.00
EMPIRE_CC_1 323656	30.61 0.89 0.00	35.01 1.03 0.00	30.68 0.93 0.00	31.29 0.96 0.00	32.53 1.02 0.00	36.38 1.18 0.00	52.94 1.49 0.00	76.99 2.11 0.00	51.67 1.61 0.00	46.00 1.67 0.00	41.90 1.43 0.00	31.88 1.04 0.00	31.02 0.97 0.00	24.37 0.70 0.00	18.10 0.46 0.00	23.16 0.67 0.00	25.78 0.82 0.00	36.80 1.09 0.00	46.32 1.10 0.00	95.17 1.69 0.00	54.77 1.11 0.00	38.93 0.86 0.00	38.04 0.77 0.00	37.43 0.63 0.00
EMPIRE_CC_2 323658	30.61 0.89 0.00	35.01 1.03 0.00	30.68 0.93 0.00	31.29 0.96 0.00	32.53 1.02 0.00	36.38 1.18 0.00	52.94 1.49 0.00	76.99 2.11 0.00	51.67 1.61 0.00	46.00 1.67 0.00	41.90 1.43 0.00	31.88 1.04 0.00	31.02 0.97 0.00	24.37 0.70 0.00	18.10 0.46 0.00	23.16 0.67 0.00	25.78 0.82 0.00	36.80 1.09 0.00	46.32 1.10 0.00	95.17 1.69 0.00	54.77 1.11 0.00	38.93 0.86 0.00	38.04 0.77 0.00	37.43 0.63 0.00
ENORWICH_115KV_TB1 80156	30.36 0.38 -0.27	35.96 0.53 -1.45	31.53 0.44 -1.33	32.21 0.60 -1.28	33.46 0.69 -1.25	36.90 1.04 -0.66	55.85 2.24 -2.17	80.17 2.62 -2.66	52.92 0.79 -2.07	45.80 -0.10 -1.58	41.53 -0.38 -1.45	31.30 -0.77 -1.23	30.36 -0.90 -1.20	23.92 -0.73 -0.97	17.94 -0.54 -0.84	23.00 -0.43 -0.94	25.44 -0.53 -1.01	36.26 0.05 -0.49	45.89 0.66 0.00	94.36 0.88 0.00	54.64 0.98 0.00	38.59 0.52 0.00	37.80 0.53 0.00	37.16 0.36 0.00
ERIE_ST__34_KV_TB1-2 80199	26.64 -2.23 0.84	27.02 -2.37 4.59	23.07 -2.22 4.45	24.10 -2.14 4.10	25.41 -2.20 3.91	30.63 -2.49 2.08	40.64 -4.04 6.77	61.24 -5.43 8.22	40.08 -3.59 6.40	36.87 -2.53 4.92	33.86 -2.07 4.53	25.48 -1.55 3.82	24.78 -1.51 3.76	19.11 -1.28 3.28	13.91 -0.88 2.85	17.95 -1.34 3.20	20.13 -1.41 3.43	32.03 -2.01 1.68	42.56 -2.66 0.00	88.16 -5.32 0.00	50.32 -3.34 0.00	36.05 -2.02 0.00	35.94 -1.33 0.00	35.67 -1.13 0.00
ERIE_WT_PWR 323693	26.26 -2.54 0.90	26.35 -2.72 4.91	22.48 -2.52 4.75	23.52 -2.43 4.38	24.85 -2.48 4.18	30.13 -2.85 2.23	39.63 -4.56 7.26	59.51 -6.43 8.95	38.85 -4.25 6.97	36.05 -2.99 5.29	33.19 -2.42 4.85	24.92 -1.83 4.10	24.22 -1.80 4.03	18.63 -1.53 3.51	13.53 -1.06 3.05	17.51 -1.55 3.42	19.67 -1.62 3.67	31.53 -2.38 1.80	42.03 -3.20 0.00	86.95 -6.53 0.00	49.66 -3.99 0.00	35.63 -2.43 0.00	35.65 -1.62 0.00	35.37 -1.43 0.00
ESPRGFLD_115KV_TB1 80157	30.23 0.52 0.00	34.64 0.66 0.00	30.38 0.64 0.00	31.00 0.66 0.00	32.18 0.66 0.00	35.95 0.75 0.00	52.82 1.37 0.00	77.04 2.15 0.00	51.14 1.07 0.00	44.91 0.58 0.00	41.08 0.62 0.00	31.27 0.43 0.00	30.49 0.43 0.00	24.08 0.41 0.00	17.97 0.33 0.00	22.88 0.39 0.00	25.25 0.29 0.00	36.23 0.52 0.00	46.31 1.09 0.00	96.03 2.55 0.00	55.11 1.45 0.00	39.10 1.03 0.00	38.35 1.08 0.00	37.95 1.15 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.83 -0.32 -0.44	36.02 -0.30 -2.34	31.67 -0.25 -2.17	32.21 -0.19 -2.07	33.36 -0.17 -2.02	36.12 -0.16 -1.07	54.92 -0.04 -3.50	79.27 0.09 -4.29	53.13 -0.27 -3.34	46.32 -0.56 -2.55	42.06 -0.74 -2.34	32.16 -0.66 -1.98	31.29 -0.70 -1.94	24.70 -0.55 -1.58	18.62 -0.39 -1.37	23.54 -0.49 -1.54	26.10 -0.52 -1.65	36.01 -0.51 -0.81	44.84 -0.38 0.00	92.97 -0.51 0.00	53.37 -0.29 0.00	37.87 -0.20 0.00	37.13 -0.14 0.00	36.64 -0.16 0.00
ETNA____115KV_TB2 80207	29.83 -0.32 -0.44	36.02 -0.30 -2.34	31.67 -0.25 -2.17	32.21 -0.19 -2.07	33.36 -0.17 -2.02	36.12 -0.16 -1.07	54.92 -0.04 -3.50	79.27 0.09 -4.29	53.13 -0.27 -3.34	46.32 -0.56 -2.55	42.06 -0.74 -2.34	32.16 -0.66 -1.98	31.29 -0.70 -1.94	24.70 -0.55 -1.58	18.62 -0.39 -1.37	23.54 -0.49 -1.54	26.10 -0.52 -1.65	36.01 -0.51 -0.81	44.84 -0.38 0.00	92.97 -0.51 0.00	53.37 -0.29 0.00	37.87 -0.20 0.00	37.13 -0.14 0.00	36.64 -0.16 0.00
EUCLID__115KV_TB2 356179	28.65 -1.07 0.00	32.82 -1.16 0.00	28.73 -1.02 0.00	29.33 -1.01 0.00	30.49 -1.03 0.00	34.02 -1.19 0.00	49.71 -1.74 0.00	72.46 -2.42 0.00	48.33 -1.73 0.00	42.80 -1.52 0.00	39.22 -1.25 0.00	29.90 -0.94 0.00	29.13 -0.92 0.00	22.95 -0.72 0.00	17.11 -0.53 0.00	21.78 -0.72 0.00	24.13 -0.84 0.00	34.51 -1.20 0.00	43.68 -1.54 0.00	90.27 -3.21 0.00	51.77 -1.89 0.00	36.79 -1.28 0.00	36.07 -1.20 0.00	35.66 -1.14 0.00
E_CANADA_CAP_HY 24051	30.63 0.92 0.00	35.10 1.12 0.00	30.81 1.06 0.00	31.41 1.07 0.00	32.55 1.03 0.00	36.30 1.10 0.00	53.26 1.81 0.00	77.65 2.77 0.00	51.37 1.31 0.00	44.78 0.45 0.00	40.92 0.45 0.00	31.16 0.32 0.00	30.41 0.36 0.00	23.99 0.31 0.00	17.91 0.27 0.00	22.82 0.32 0.00	25.10 0.13 0.00	36.14 0.43 0.00	46.54 1.31 0.00	96.85 3.37 0.00	55.59 1.93 0.00	39.53 1.46 0.00	38.80 1.54 0.00	38.43 1.63 0.00
E_CANADA_MHWK_HY 24050	30.04 0.32 0.00	34.42 0.44 0.00	30.28 0.53 0.00	31.01 0.68 0.00	32.25 0.74 0.00	36.11 0.91 0.00	52.98 1.53 0.00	77.05 2.17 0.00	51.04 0.98 0.00	44.42 0.10 0.00	40.23 -0.23 0.00	30.48 -0.37 0.00	29.64 -0.41 0.00	23.30 -0.38 0.00	17.33 -0.31 0.00	22.19 -0.31 0.00	24.69 -0.28 0.00	35.62 -0.09 0.00	45.50 0.27 0.00	93.95 0.47 0.00	53.99 0.33 0.00	38.26 0.20 0.00	37.17 -0.10 0.00	36.40 -0.40 0.00
E_FISHKILL__LBMP 23776	30.78 1.07 0.00	35.18 1.20 0.00	30.84 1.09 0.00	31.45 1.11 0.00	32.69 1.17 0.00	36.49 1.29 0.00	53.56 2.11 0.00	77.99 3.10 0.00	52.20 2.14 0.00	46.24 1.92 0.00	42.09 1.63 0.00	32.15 1.30 0.00	31.36 1.31 0.00	24.72 1.05 0.00	18.40 0.76 0.00	23.50 1.01 0.00	26.17 1.20 0.00	37.29 1.58 0.00	46.99 1.77 0.00	96.82 3.34 0.00	55.62 1.96 0.00	39.39 1.32 0.00	38.37 1.11 0.00	37.78 0.98 0.00
FALCON__SEABRD_CC1 323796	30.55 0.83 0.00	34.41 0.43 0.00	29.65 -0.10 0.00	29.89 -0.45 0.00	31.10 -0.41 0.00	34.91 -0.28 0.00	50.77 -0.68 0.00	73.62 -1.27 0.00	49.31 -0.75 0.00	43.62 -0.70 0.00	39.60 -0.87 0.00	30.29 -0.56 0.00	29.28 -0.77 0.00	19.53 -0.82 3.32	17.01 -0.64 0.00	21.87 -0.62 0.00	24.33 -0.64 0.00	35.04 -0.67 0.00	45.13 -0.09 0.00	95.05 1.58 0.00	54.78 1.13 0.00	38.43 0.37 0.00	37.75 0.48 0.00	36.93 0.13 0.00

FALCON___SEABRD_CC2 323797	30.55 0.83 0.00	34.41 0.43 0.00	29.65 -0.10 0.00	29.89 -0.45 0.00	31.10 -0.41 0.00	34.91 -0.28 0.00	50.77 -0.68 0.00	73.62 -1.27 0.00	49.31 -0.75 0.00	43.62 -0.70 0.00	39.60 -0.87 0.00	30.29 -0.56 0.00	29.28 -0.77 0.00	19.53 -0.82 3.32	17.01 -0.64 0.00	21.87 -0.62 0.00	24.33 -0.64 0.00	35.04 -0.67 0.00	45.13 -0.09 0.00	95.05 1.58 0.00	54.78 1.13 0.00	38.43 0.37 0.00	37.75 0.48 0.00	36.93 0.13 0.00
FAR ROCKAWAY___4 23548	31.65 1.93 0.00	36.12 2.14 0.00	31.65 1.90 0.00	32.31 1.98 0.00	33.57 2.06 0.00	37.44 2.25 0.00	54.99 3.54 0.00	79.69 4.81 0.00	53.52 3.45 0.00	47.52 3.20 0.00	43.16 2.70 0.00	32.96 2.12 0.00	32.15 2.09 0.00	25.33 1.65 0.00	18.85 1.21 0.00	24.08 1.59 0.00	26.91 1.94 0.00	38.35 2.64 0.00	48.29 3.06 0.00	99.25 5.77 0.00	57.12 3.47 0.00	40.52 2.46 0.00	39.43 2.16 0.00	38.76 1.97 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.08 1.37 0.00	35.47 1.49 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.12 2.67 0.00	78.87 3.98 0.00	52.83 2.77 0.00	46.79 2.47 0.00	42.63 2.16 0.00	32.63 1.78 0.00	31.86 1.80 0.00	25.14 1.47 0.00	18.72 1.07 0.00	23.87 1.38 0.00	26.59 1.63 0.00	37.85 2.13 0.00	47.57 2.35 0.00	97.93 4.46 0.00	56.23 2.58 0.00	39.79 1.72 0.00	38.76 1.49 0.00	38.13 1.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.09 1.38 0.00	35.48 1.50 0.00	31.12 1.37 0.00	31.70 1.37 0.00	32.94 1.43 0.00	36.76 1.56 0.00	54.14 2.69 0.00	78.89 4.00 0.00	52.84 2.78 0.00	46.80 2.47 0.00	42.63 2.17 0.00	32.63 1.78 0.00	31.86 1.80 0.00	25.14 1.47 0.00	18.72 1.07 0.00	23.87 1.38 0.00	26.60 1.63 0.00	37.85 2.14 0.00	47.58 2.36 0.00	97.96 4.48 0.00	56.25 2.59 0.00	39.80 1.74 0.00	38.77 1.50 0.00	38.15 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.06 1.35 0.00	35.46 1.47 0.00	31.09 1.34 0.00	31.68 1.35 0.00	32.92 1.41 0.00	36.74 1.54 0.00	54.10 2.64 0.00	78.84 3.95 0.00	52.82 2.76 0.00	46.78 2.45 0.00	42.62 2.16 0.00	32.62 1.77 0.00	31.84 1.79 0.00	25.13 1.46 0.00	18.71 1.07 0.00	23.86 1.37 0.00	26.58 1.62 0.00	37.84 2.12 0.00	47.56 2.34 0.00	97.87 4.39 0.00	56.20 2.54 0.00	39.77 1.70 0.00	38.73 1.47 0.00	38.12 1.32 0.00
FARRAGUT___LBMP 323566	31.05 1.34 0.00	35.44 1.46 0.00	31.07 1.32 0.00	31.66 1.32 0.00	32.90 1.39 0.00	36.72 1.52 0.00	54.06 2.60 0.00	78.77 3.89 0.00	52.77 2.71 0.00	46.73 2.40 0.00	42.58 2.11 0.00	32.58 1.74 0.00	31.82 1.76 0.00	25.11 1.44 0.00	18.69 1.05 0.00	23.84 1.34 0.00	26.56 1.59 0.00	37.80 2.09 0.00	47.52 2.30 0.00	97.79 4.31 0.00	56.16 2.50 0.00	39.73 1.66 0.00	38.72 1.44 0.00	38.09 1.29 0.00
FENNER___WINDPWR 24204	29.68 -0.03 0.00	33.98 -0.01 0.00	29.74 -0.01 0.00	30.34 0.01 0.00	31.54 0.03 0.00	35.29 0.09 0.00	51.83 0.37 0.00	75.57 0.68 0.00	50.28 0.22 0.00	44.17 -0.16 0.00	40.15 -0.32 0.00	30.51 -0.34 0.00	29.69 -0.37 0.00	23.43 -0.25 0.00	17.47 -0.17 0.00	22.27 -0.23 0.00	24.79 -0.17 0.00	35.58 -0.14 0.00	45.35 0.13 0.00	93.89 0.42 0.00	53.83 0.17 0.00	38.20 0.13 0.00	37.37 0.10 0.00	36.92 0.12 0.00
FIBERTEK___ENERGY 23856	28.97 -0.74 0.00	33.17 -0.81 0.00	29.07 -0.68 0.00	29.67 -0.66 0.00	30.83 -0.68 0.00	34.40 -0.80 0.00	50.31 -1.14 0.00	73.37 -1.52 0.00	48.88 -1.18 0.00	43.22 -1.11 0.00	39.52 -0.94 0.00	30.14 -0.71 0.00	29.34 -0.72 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.54 0.00	24.34 -0.62 0.00	34.87 -0.84 0.00	44.18 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.18 -0.89 0.00	36.46 -0.81 0.00	36.04 -0.76 0.00
FITZPATRICK____ 23598	28.43 -1.29 0.00	32.55 -1.44 0.00	28.50 -1.25 0.00	29.08 -1.26 0.00	30.22 -1.29 0.00	33.71 -1.49 0.00	49.20 -2.25 0.00	71.69 -3.20 0.00	47.86 -2.20 0.00	42.43 -1.90 0.00	38.94 -1.52 0.00	29.68 -1.16 0.00	28.92 -1.14 0.00	22.77 -0.90 0.00	16.98 -0.66 0.00	21.60 -0.89 0.00	23.93 -1.04 0.00	34.19 -1.52 0.00	43.25 -1.97 0.00	89.37 -4.11 0.00	51.28 -2.38 0.00	36.42 -1.65 0.00	35.71 -1.56 0.00	35.32 -1.49 0.00
FLOWRFLD_69_KV_BK1 356044	31.71 2.00 0.00	36.21 2.23 0.00	31.74 1.99 0.00	32.48 2.14 0.00	33.98 2.28 -0.19	38.17 2.41 -0.57	54.90 3.45 0.00	78.64 4.25 0.49	53.33 3.27 0.00	47.62 3.29 0.00	43.02 2.56 0.00	32.81 1.96 0.00	31.94 1.88 0.00	25.13 1.46 0.00	18.69 1.05 0.00	23.89 1.39 0.00	26.73 1.77 0.00	38.17 2.46 0.00	48.17 2.95 0.00	98.62 5.13 0.00	56.83 3.18 0.00	40.54 2.47 0.00	39.34 2.07 0.00	38.72 1.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.08 1.37 0.00	35.51 1.53 0.00	31.12 1.37 0.00	31.74 1.41 0.00	33.02 1.50 0.00	36.87 1.68 0.00	54.22 2.77 0.00	78.99 4.11 0.00	52.82 2.76 0.00	46.69 2.37 0.00	42.43 1.97 0.00	32.37 1.52 0.00	31.56 1.51 0.00	24.90 1.22 0.00	18.53 0.89 0.00	23.67 1.18 0.00	26.40 1.44 0.00	37.69 1.98 0.00	47.56 2.34 0.00	98.10 4.62 0.00	56.32 2.66 0.00	39.86 1.80 0.00	38.82 1.55 0.00	38.19 1.39 0.00
FORT ORANGE____ 23900	30.91 1.19 0.00	35.36 1.37 0.00	30.97 1.22 0.00	31.60 1.26 0.00	32.86 1.35 0.00	36.76 1.56 0.00	53.80 2.35 0.00	78.31 3.43 0.00	52.31 2.25 0.00	46.15 1.83 0.00	41.93 1.47 0.00	31.95 1.10 0.00	31.10 1.05 0.00	24.47 0.80 0.00	18.20 0.56 0.00	23.26 0.77 0.00	25.89 0.92 0.00	37.10 1.39 0.00	46.99 1.77 0.00	96.89 3.41 0.00	55.68 2.02 0.00	39.50 1.43 0.00	38.54 1.27 0.00	37.93 1.13 0.00
FORT_DRUM_COGEN 23780	29.03 -0.69 0.00	33.47 -0.51 0.00	29.20 -0.55 0.00	29.78 -0.56 0.00	30.70 -0.82 0.00	34.29 -0.91 0.00	50.35 -1.10 0.00	73.71 -1.18 0.00	48.81 -1.24 0.00	42.16 -2.17 0.00	37.94 -2.52 0.00	28.57 -2.28 0.00	27.87 -2.19 0.00	21.94 -1.73 0.00	16.35 -1.29 0.00	20.91 -1.59 0.00	23.36 -1.60 0.00	34.29 -1.42 0.00	44.19 -1.04 0.00	92.60 -0.88 0.00	53.09 -0.57 0.00	37.63 -0.44 0.00	36.86 -0.41 0.00	37.12 0.32 0.00
FOX_HILLS___ESR 323835	58.33 1.59 -27.04	58.04 1.67 -22.38	57.76 1.58 -26.44	57.33 1.55 -25.45	57.94 1.69 -24.74	58.29 1.83 -21.27	61.04 2.98 -6.61	81.80 4.45 -2.45	61.97 3.19 -8.72	60.01 2.84 -12.85	59.24 2.54 -16.23	57.89 2.05 -24.99	57.89 2.05 -25.78	57.86 1.66 -32.53	57.83 1.22 -38.97	57.87 1.56 -33.82	59.10 1.87 -32.27	61.63 2.46 -23.46	65.76 2.65 -17.89	100.14 4.89 -1.76	78.74 2.97 -22.11	59.71 2.02 -19.62	59.59 1.81 -20.52	63.27 1.67 -24.79
FPL FAR_ROCK_GT1 24212	31.64 1.93 0.00	36.12 2.14 0.00	31.64 1.89 0.00	32.30 1.97 0.00	33.57 2.06 0.00	37.44 2.24 0.00	54.99 3.54 0.00	79.69 4.80 0.00	53.50 3.44 0.00	47.52 3.19 0.00	43.14 2.68 0.00	32.95 2.11 0.00	32.13 2.08 0.00	25.33 1.65 0.00	18.85 1.21 0.00	24.08 1.59 0.00	26.90 1.94 0.00	38.35 2.63 0.00	48.30 3.07 0.00	99.25 5.77 0.00	57.12 3.47 0.00	40.54 2.47 0.00	39.43 2.17 0.00	38.76 1.96 0.00

FPL FAR_ROCK_GT2 23815	31.64 1.93 0.00	36.12 2.14 0.00	31.64 1.89 0.00	32.30 1.97 0.00	33.57 2.06 0.00	37.44 2.24 0.00	54.99 3.54 0.00	79.69 4.80 0.00	53.50 3.44 0.00	47.52 3.19 0.00	43.14 2.68 0.00	32.95 2.11 0.00	32.13 2.08 0.00	25.33 1.65 0.00	18.85 1.21 0.00	24.08 1.59 0.00	26.90 1.94 0.00	38.35 2.63 0.00	48.30 3.07 0.00	99.25 5.77 0.00	57.12 3.47 0.00	40.54 2.47 0.00	39.43 2.17 0.00	38.76 1.96 0.00
FRANKLIN_FALL_HYD 24054	30.30 0.59 0.00	34.38 0.40 0.00	29.92 0.17 0.00	30.36 0.03 0.00	31.51 -0.01 0.00	35.30 0.10 0.00	51.56 0.10 0.00	75.12 0.24 0.00	50.22 0.16 0.00	44.35 0.02 0.00	40.26 -0.20 0.00	30.59 -0.26 0.00	29.74 -0.32 0.00	23.52 -0.33 -0.18	17.42 -0.22 0.00	22.27 -0.22 0.00	24.81 -0.16 0.00	35.75 0.04 0.00	45.79 0.57 0.00	95.82 2.34 0.00	54.99 1.33 0.00	38.83 0.76 0.00	38.07 0.80 0.00	37.54 0.74 0.00
FREEPORT_EQUS_GT1 23764	31.49 1.77 0.00	35.95 1.96 0.00	31.49 1.74 0.00	32.17 1.83 0.00	33.45 1.93 0.00	37.27 2.07 0.00	54.66 3.21 0.00	78.91 4.02 0.00	53.04 2.98 0.00	47.13 2.80 0.00	42.87 2.40 0.00	32.73 1.89 0.00	31.91 1.85 0.00	25.13 1.46 0.00	18.70 1.06 0.00	23.88 1.39 0.00	26.68 1.72 0.00	38.07 2.36 0.00	47.97 2.74 0.00	98.58 5.10 0.00	56.72 3.06 0.00	40.30 2.23 0.00	39.15 1.88 0.00	38.51 1.71 0.00
FREEPORT___CT2 23818	31.49 1.77 0.00	35.95 1.96 0.00	31.49 1.74 0.00	32.17 1.83 0.00	33.45 1.93 0.00	37.27 2.07 0.00	54.66 3.21 0.00	78.91 4.02 0.00	53.04 2.98 0.00	47.13 2.80 0.00	42.87 2.40 0.00	32.73 1.89 0.00	31.91 1.85 0.00	25.13 1.46 0.00	18.70 1.06 0.00	23.88 1.39 0.00	26.68 1.72 0.00	38.07 2.36 0.00	47.97 2.74 0.00	98.58 5.10 0.00	56.72 3.06 0.00	40.30 2.23 0.00	39.15 1.88 0.00	38.51 1.71 0.00
FRESHKLS_33_KV_LOAD 356253	58.30 1.55 -27.04	57.99 1.63 -22.38	57.74 1.56 -26.44	57.30 1.51 -25.45	57.94 1.69 -24.74	58.29 1.83 -21.27	60.97 2.91 -6.61	81.70 4.36 -2.45	61.92 3.14 -8.72	59.95 2.78 -12.85	59.18 2.48 -16.23	57.84 2.00 -24.99	57.82 1.99 -25.78	57.80 1.60 -32.53	57.80 1.18 -38.97	57.81 1.50 -33.82	59.07 1.83 -32.27	61.57 2.39 -23.46	65.71 2.61 -17.89	99.98 4.74 -1.76	78.72 2.95 -22.11	59.70 2.02 -19.62	59.58 1.79 -20.52	63.25 1.66 -24.79
FULTON COGEN____ 23766	28.57 -1.14 0.00	32.73 -1.25 0.00	28.66 -1.10 0.00	29.24 -1.09 0.00	30.41 -1.11 0.00	33.92 -1.27 0.00	49.58 -1.87 0.00	72.27 -2.62 0.00	48.17 -1.89 0.00	42.62 -1.70 0.00	39.03 -1.44 0.00	29.74 -1.11 0.00	28.98 -1.07 0.00	22.83 -0.84 0.00	17.02 -0.62 0.00	21.67 -0.83 0.00	24.00 -0.97 0.00	34.37 -1.34 0.00	43.59 -1.64 0.00	90.07 -3.41 0.00	51.62 -2.04 0.00	36.66 -1.40 0.00	35.92 -1.35 0.00	35.53 -1.28 0.00
FULTON___LFGE 323630	31.02 1.31 0.00	35.53 1.55 0.00	31.14 1.40 0.00	31.78 1.44 0.00	33.02 1.50 0.00	36.91 1.71 0.00	54.18 2.73 0.00	78.99 4.10 0.00	52.02 1.96 0.00	44.99 0.67 0.00	40.74 0.28 0.00	30.93 0.09 0.00	30.20 0.15 0.00	23.78 0.11 0.00	17.76 0.12 0.00	22.66 0.17 0.00	25.03 0.06 0.00	36.36 0.65 0.00	47.11 1.89 0.00	98.10 4.62 0.00	56.32 2.66 0.00	39.95 1.88 0.00	39.08 1.81 0.00	38.61 1.80 0.00
G.F.CEMENT___DRP 24184	31.65 1.94 0.00	36.27 2.29 0.00	31.75 2.00 0.00	32.49 2.16 0.00	33.80 2.28 0.00	38.04 2.84 0.00	55.88 4.43 0.00	81.51 6.62 0.00	54.79 4.73 0.00	48.06 3.74 0.00	43.43 2.96 0.00	32.84 1.99 0.00	31.93 1.87 0.00	24.94 1.27 0.00	18.58 0.94 0.00	23.84 1.34 0.00	26.45 1.48 0.00	37.75 2.04 0.00	47.81 2.58 0.00	98.34 4.86 0.00	56.51 2.85 0.00	39.96 1.89 0.00	38.91 1.64 0.00	38.24 1.44 0.00
GARDENVILLE___LBMP 24039	26.10 -2.67 0.95	25.96 -2.87 5.15	22.14 -2.64 4.96	23.17 -2.57 4.59	24.48 -2.64 4.39	29.85 -3.01 2.34	38.99 -4.83 7.63	58.74 -6.76 9.39	38.29 -4.46 7.31	35.56 -3.21 5.55	32.71 -2.65 5.10	24.58 -1.97 4.30	23.90 -1.92 4.24	18.38 -1.60 3.70	13.32 -1.12 3.20	17.25 -1.65 3.60	19.38 -1.73 3.86	31.30 -2.53 1.89	41.88 -3.35 0.00	86.66 -6.82 0.00	49.49 -4.17 0.00	35.50 -2.56 0.00	35.46 -1.81 0.00	35.22 -1.59 0.00
GARDNVLA_35_KV_LD 355827	26.36 -2.47 0.88	26.54 -2.66 4.79	22.65 -2.46 4.64	23.68 -2.39 4.27	25.00 -2.45 4.07	30.24 -2.79 2.17	39.87 -4.51 7.07	59.88 -6.29 8.72	39.13 -4.14 6.79	36.31 -2.87 5.15	33.40 -2.35 4.72	25.13 -1.73 3.99	24.43 -1.70 3.92	18.82 -1.43 3.42	13.69 -0.98 2.97	17.66 -1.49 3.33	19.83 -1.56 3.58	31.67 -2.29 1.75	42.18 -3.04 0.00	87.27 -6.21 0.00	49.82 -3.84 0.00	35.77 -2.30 0.00	35.72 -1.55 0.00	35.46 -1.34 0.00
GELCKHM__115KV_LOAD 80723	28.76 -0.96 0.00	32.94 -1.05 0.00	28.85 -0.90 0.00	29.45 -0.89 0.00	30.60 -0.91 0.00	34.14 -1.05 0.00	49.90 -1.55 0.00	72.76 -2.13 0.00	48.51 -1.55 0.00	42.93 -1.40 0.00	39.32 -1.15 0.00	29.98 -0.87 0.00	29.19 -0.86 0.00	23.01 -0.67 0.00	17.16 -0.48 0.00	21.83 -0.66 0.00	24.19 -0.77 0.00	34.63 -1.08 0.00	43.86 -1.37 0.00	90.64 -2.84 0.00	51.97 -1.69 0.00	36.91 -1.15 0.00	36.20 -1.07 0.00	35.79 -1.01 0.00
GENERAL___MILLS 23808	26.25 -2.56 0.90	26.33 -2.75 4.91	22.45 -2.55 4.75	23.49 -2.46 4.38	24.80 -2.53 4.18	30.09 -2.89 2.23	39.54 -4.65 7.26	59.42 -6.51 8.95	38.80 -4.29 6.97	36.00 -3.04 5.29	33.12 -2.49 4.85	24.90 -1.85 4.10	24.21 -1.81 4.03	18.64 -1.51 3.51	13.54 -1.05 3.05	17.50 -1.57 3.42	19.65 -1.65 3.67	31.52 -2.40 1.80	42.02 -3.20 0.00	86.97 -6.50 0.00	49.65 -4.01 0.00	35.64 -2.42 0.00	35.60 -1.67 0.00	35.35 -1.46 0.00
GE_PLASTICS___DRP 24183	30.63 0.91 0.00	35.03 1.05 0.00	30.69 0.94 0.00	31.31 0.98 0.00	32.55 1.04 0.00	36.38 1.18 0.00	53.23 1.78 0.00	77.41 2.52 0.00	51.78 1.72 0.00	45.78 1.45 0.00	41.67 1.21 0.00	31.78 0.93 0.00	30.95 0.90 0.00	24.37 0.70 0.00	18.13 0.49 0.00	23.16 0.67 0.00	25.75 0.79 0.00	36.85 1.13 0.00	46.58 1.35 0.00	95.98 2.50 0.00	55.15 1.49 0.00	39.12 1.05 0.00	38.20 0.93 0.00	37.62 0.82 0.00
GILBOA___1 23756	30.30 0.59 0.00	34.66 0.68 0.00	30.37 0.62 0.00	30.98 0.65 0.00	32.21 0.69 0.00	35.97 0.77 0.00	52.68 1.22 0.00	76.53 1.64 0.00	51.21 1.15 0.00	45.29 0.96 0.00	41.26 0.80 0.00	31.58 0.74 0.00	30.79 0.73 0.00	24.35 0.68 0.00	18.13 0.49 0.00	23.13 0.64 0.00	25.58 0.61 0.00	36.54 0.83 0.00	46.17 0.95 0.00	95.08 1.60 0.00	54.68 1.02 0.00	38.78 0.72 0.00	37.87 0.60 0.00	37.33 0.53 0.00
GILBOA___2 23757	30.30 0.59 0.00	34.66 0.68 0.00	30.37 0.62 0.00	30.98 0.65 0.00	32.21 0.69 0.00	35.97 0.77 0.00	52.68 1.22 0.00	76.53 1.64 0.00	51.21 1.15 0.00	45.29 0.96 0.00	41.26 0.80 0.00	31.58 0.74 0.00	30.79 0.73 0.00	24.35 0.68 0.00	18.13 0.49 0.00	23.13 0.64 0.00	25.58 0.61 0.00	36.54 0.83 0.00	46.17 0.95 0.00	95.08 1.60 0.00	54.68 1.02 0.00	38.78 0.72 0.00	37.87 0.60 0.00	37.33 0.53 0.00

GILBOA___3 23758	30.30 0.59 0.00	34.66 0.68 0.00	30.37 0.62 0.00	30.98 0.65 0.00	32.21 0.69 0.00	35.97 0.77 0.00	52.68 1.22 0.00	76.53 1.64 0.00	51.21 1.15 0.00	45.29 0.96 0.00	41.26 0.80 0.00	31.58 0.74 0.00	30.79 0.73 0.00	24.35 0.68 0.00	18.13 0.49 0.00	23.13 0.64 0.00	25.58 0.61 0.00	36.54 0.83 0.00	46.17 0.95 0.00	95.08 1.60 0.00	54.68 1.02 0.00	38.78 0.72 0.00	37.87 0.60 0.00	37.33 0.53 0.00
GILBOA___4 23759	30.30 0.59 0.00	34.66 0.68 0.00	30.37 0.62 0.00	30.98 0.65 0.00	32.21 0.69 0.00	35.97 0.77 0.00	52.68 1.22 0.00	76.53 1.64 0.00	51.21 1.15 0.00	45.29 0.96 0.00	41.26 0.80 0.00	31.58 0.74 0.00	30.79 0.73 0.00	24.35 0.68 0.00	18.13 0.49 0.00	23.13 0.64 0.00	25.58 0.61 0.00	36.54 0.83 0.00	46.17 0.95 0.00	95.08 1.60 0.00	54.68 1.02 0.00	38.78 0.72 0.00	37.87 0.60 0.00	37.33 0.53 0.00
GILBOA___ 23599	30.30 0.59 0.00	34.66 0.68 0.00	30.37 0.63 0.00	30.99 0.65 0.00	32.21 0.69 0.00	35.98 0.78 0.00	52.68 1.23 0.00	76.53 1.65 0.00	51.22 1.16 0.00	45.29 0.97 0.00	41.27 0.81 0.00	31.58 0.74 0.00	30.79 0.74 0.00	24.35 0.68 0.00	18.13 0.49 0.00	23.13 0.64 0.00	25.58 0.61 0.00	36.55 0.83 0.00	46.17 0.95 0.00	95.09 1.61 0.00	54.68 1.02 0.00	38.78 0.71 0.00	37.87 0.60 0.00	37.33 0.53 0.00
GINNA___ 23603	26.85 -2.86 0.00	30.82 -3.16 0.00	26.94 -2.81 0.00	27.55 -2.78 0.00	28.67 -2.84 0.00	31.98 -3.21 0.00	46.67 -4.78 0.00	68.11 -6.77 0.00	45.47 -4.59 0.00	40.37 -3.96 0.00	37.03 -3.43 0.00	28.19 -2.65 0.00	27.47 -2.59 0.00	21.55 -2.12 0.00	16.10 -1.54 0.00	20.42 -2.07 0.00	22.70 -2.27 0.00	32.54 -3.18 0.00	41.27 -3.95 0.00	85.36 -8.12 0.00	48.86 -4.80 0.00	34.77 -3.30 0.00	34.31 -2.96 0.00	33.98 -2.82 0.00
GLEN PARK___ 23778	29.13 -0.58 0.00	33.59 -0.40 0.00	29.30 -0.44 0.00	29.88 -0.45 0.00	30.82 -0.69 0.00	34.45 -0.75 0.00	50.61 -0.84 0.00	74.12 -0.77 0.00	49.03 -1.03 0.00	42.24 -2.09 0.00	37.94 -2.52 0.00	28.55 -2.29 0.00	27.85 -2.20 0.00	21.93 -1.75 0.00	16.35 -1.29 0.00	20.89 -1.61 0.00	23.34 -1.62 0.00	34.36 -1.35 0.00	44.35 -0.87 0.00	93.11 -0.36 0.00	53.38 -0.28 0.00	37.83 -0.24 0.00	37.04 -0.23 0.00	37.26 0.46 0.00
GLENDALE_27_KV_LOAD 356172	31.30 1.58 -0.01	35.70 1.71 -0.01	31.31 1.56 -0.01	31.88 1.54 0.00	33.13 1.61 0.00	36.95 1.75 0.00	54.43 2.97 0.00	79.36 4.47 0.00	53.20 3.14 0.00	47.12 2.79 0.00	42.98 2.52 0.00	33.45 2.04 -0.56	33.41 2.05 -1.31	27.06 1.67 -1.72	21.22 1.22 -2.35	25.60 1.57 -1.53	26.81 1.84 -0.01	38.15 2.44 0.00	47.89 2.67 0.00	98.58 5.10 0.00	56.62 2.96 0.00	40.06 1.99 0.00	39.02 1.75 0.00	38.39 1.59 0.00
GLENWOOD_IC_1_G5 23712	31.44 1.73 0.00	35.91 1.93 0.00	31.46 1.71 0.00	32.13 1.79 0.00	33.41 1.89 0.00	37.24 2.04 0.00	54.66 3.21 0.00	79.20 4.31 0.00	53.22 3.16 0.00	47.28 2.95 0.00	42.93 2.47 0.00	32.79 1.94 0.00	31.97 1.92 0.00	25.20 1.52 0.00	18.75 1.11 0.00	23.95 1.45 0.00	26.73 1.76 0.00	38.10 2.39 0.00	47.97 2.75 0.00	98.59 5.11 0.00	56.71 3.06 0.00	40.25 2.18 0.00	39.13 1.86 0.00	38.49 1.69 0.00
GLENWOOD_IC_2_G1 23688	31.40 1.69 0.00	35.85 1.87 0.00	31.41 1.66 0.00	32.08 1.74 0.00	33.35 1.83 0.00	37.17 1.97 0.00	54.57 3.12 0.00	79.08 4.19 0.00	53.13 3.07 0.00	47.20 2.87 0.00	42.85 2.39 0.00	32.74 1.89 0.00	31.93 1.87 0.00	25.16 1.49 0.00	18.72 1.08 0.00	23.91 1.42 0.00	26.69 1.73 0.00	38.04 2.32 0.00	47.91 2.69 0.00	98.43 4.95 0.00	56.64 2.98 0.00	40.17 2.10 0.00	39.03 1.77 0.00	38.41 1.60 0.00
GLENWOOD_IC_3_G1 23689	31.40 1.69 0.00	35.85 1.87 0.00	31.41 1.66 0.00	32.08 1.74 0.00	33.35 1.83 0.00	37.17 1.97 0.00	54.57 3.12 0.00	79.08 4.19 0.00	53.13 3.07 0.00	47.20 2.87 0.00	42.85 2.39 0.00	32.74 1.89 0.00	31.93 1.87 0.00	25.16 1.49 0.00	18.72 1.08 0.00	23.91 1.42 0.00	26.69 1.73 0.00	38.04 2.32 0.00	47.91 2.69 0.00	98.43 4.95 0.00	56.64 2.98 0.00	40.17 2.10 0.00	39.03 1.77 0.00	38.41 1.60 0.00
GLENWOOD___4 23550	31.44 1.73 0.00	35.91 1.93 0.00	31.46 1.71 0.00	32.13 1.79 0.00	33.41 1.89 0.00	37.24 2.04 0.00	54.66 3.21 0.00	79.20 4.31 0.00	53.22 3.16 0.00	47.28 2.95 0.00	42.93 2.47 0.00	32.79 1.94 0.00	31.97 1.92 0.00	25.20 1.52 0.00	18.75 1.11 0.00	23.95 1.45 0.00	26.73 1.76 0.00	38.10 2.39 0.00	47.97 2.75 0.00	98.59 5.11 0.00	56.71 3.06 0.00	40.25 2.18 0.00	39.13 1.86 0.00	38.49 1.69 0.00
GLENWOOD___5 23614	31.44 1.73 0.00	35.91 1.93 0.00	31.46 1.71 0.00	32.13 1.79 0.00	33.41 1.89 0.00	37.24 2.04 0.00	54.66 3.21 0.00	79.20 4.31 0.00	53.22 3.16 0.00	47.28 2.95 0.00	42.93 2.47 0.00	32.79 1.94 0.00	31.97 1.92 0.00	25.20 1.52 0.00	18.75 1.11 0.00	23.95 1.45 0.00	26.73 1.76 0.00	38.10 2.39 0.00	47.97 2.75 0.00	98.59 5.11 0.00	56.71 3.06 0.00	40.25 2.18 0.00	39.13 1.86 0.00	38.49 1.69 0.00
GLOBAL GREEN_PORT_GT1 23814	31.93 2.22 0.00	36.58 2.59 0.00	32.27 2.52 0.00	33.28 2.95 0.00	40.21 3.21 -5.48	55.08 3.44 -16.44	55.70 4.25 0.00	65.18 4.57 14.28	53.93 3.87 0.00	48.35 4.03 0.00	43.22 2.76 0.00	32.77 1.93 0.00	31.59 1.54 0.00	24.63 0.95 0.00	18.30 0.66 0.00	23.26 0.76 0.00	26.09 1.12 0.00	37.63 1.92 0.00	47.65 2.43 0.00	96.65 3.17 0.00	55.72 2.06 0.00	39.94 1.87 0.00	38.71 1.43 0.00	38.34 1.54 0.00
GLOBE___DSASP 323697	24.91 -3.64 1.17	23.72 -3.95 6.31	20.11 -3.59 6.04	21.18 -3.54 5.62	22.45 -3.68 5.39	28.09 -4.25 2.87	35.34 -6.77 9.35	53.72 -9.70 11.47	34.85 -6.28 8.92	32.78 -4.74 6.80	30.29 -3.92 6.24	22.61 -2.96 5.27	22.00 -2.86 5.19	16.79 -2.36 4.52	12.04 -1.68 3.92	15.69 -2.40 4.41	17.59 -2.65 4.72	29.50 -3.91 2.31	40.13 -5.10 0.00	82.94 -10.54 0.00	47.35 -6.31 0.00	34.02 -4.05 0.00	34.01 -3.26 0.00	33.85 -2.95 0.00
GOETHSLN___LBMP 323567	30.88 1.17 0.00	35.24 1.25 0.00	30.91 1.16 0.00	31.50 1.16 0.00	32.71 1.20 0.00	36.51 1.31 0.00	53.77 2.32 0.00	78.33 3.44 0.00	52.44 2.38 0.00	46.42 2.10 0.00	42.27 1.81 0.00	32.37 1.52 0.00	31.62 1.56 0.00	24.97 1.29 0.00	18.59 0.95 0.00	23.70 1.21 0.00	26.40 1.44 0.00	37.55 1.84 0.00	47.20 1.98 0.00	97.20 3.72 0.00	55.82 2.17 0.00	39.50 1.43 0.00	38.49 1.22 0.00	37.88 1.08 0.00
GOLAH___69_KV_TB 1_2 80279	27.64 -1.82 0.25	30.68 -1.95 1.35	26.79 -1.79 1.17	27.41 -1.75 1.18	28.55 -1.78 1.18	32.54 -2.03 0.63	46.28 -3.13 2.05	68.17 -4.20 2.52	45.22 -2.88 1.96	40.44 -2.40 1.49	37.05 -2.05 1.36	28.12 -1.58 1.15	27.37 -1.55 1.13	21.45 -1.30 0.92	15.92 -0.92 0.80	20.25 -1.34 0.90	22.56 -1.44 0.96	33.29 -1.95 0.47	42.87 -2.35 0.00	88.84 -4.64 0.00	50.83 -2.83 0.00	36.27 -1.80 0.00	35.90 -1.37 0.00	35.58 -1.22 0.00

GOODYEAR_LAKE_HYD 323669	30.26 0.55 0.00	34.66 0.68 0.00	30.36 0.62 0.00	31.00 0.67 0.00	32.23 0.71 0.00	36.03 0.83 0.00	52.94 1.49 0.00	77.15 2.27 0.00	51.36 1.30 0.00	45.29 0.97 0.00	41.41 0.94 0.00	31.51 0.66 0.00	30.69 0.64 0.00	24.25 0.58 0.00	18.06 0.42 0.00	23.03 0.54 0.00	25.53 0.57 0.00	36.56 0.85 0.00	46.43 1.21 0.00	95.85 2.37 0.00	55.03 1.37 0.00	39.00 0.94 0.00	38.16 0.89 0.00	37.67 0.87 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.01 -0.70 0.00	33.31 -0.67 0.00	29.13 -0.63 0.00	29.80 -0.54 0.00	30.97 -0.54 0.00	34.59 -0.61 0.00	50.68 -0.77 0.00	73.92 -0.97 0.00	49.20 -0.86 0.00	43.67 -0.66 0.00	39.72 -0.75 0.00	30.33 -0.52 0.00	29.54 -0.52 0.00	23.31 -0.36 0.00	17.38 -0.26 0.00	22.13 -0.36 0.00	24.57 -0.39 0.00	35.17 -0.55 0.00	44.44 -0.79 0.00	91.87 -1.61 0.00	52.62 -1.04 0.00	37.38 -0.69 0.00	36.69 -0.58 0.00	36.23 -0.57 0.00
GOUDEY___7 23579	29.01 -0.70 0.00	33.31 -0.67 0.00	29.13 -0.63 0.00	29.80 -0.54 0.00	30.97 -0.54 0.00	34.59 -0.61 0.00	50.68 -0.77 0.00	73.92 -0.97 0.00	49.20 -0.86 0.00	43.67 -0.66 0.00	39.72 -0.75 0.00	30.33 -0.52 0.00	29.54 -0.52 0.00	23.31 -0.36 0.00	17.38 -0.26 0.00	22.13 -0.36 0.00	24.57 -0.39 0.00	35.17 -0.55 0.00	44.44 -0.79 0.00	91.87 -1.61 0.00	52.62 -1.04 0.00	37.38 -0.69 0.00	36.69 -0.58 0.00	36.23 -0.57 0.00
GOUDEY___8 23580	29.01 -0.70 0.00	33.31 -0.67 0.00	29.13 -0.63 0.00	29.80 -0.54 0.00	30.97 -0.54 0.00	34.59 -0.61 0.00	50.68 -0.77 0.00	73.92 -0.97 0.00	49.20 -0.86 0.00	43.67 -0.66 0.00	39.72 -0.75 0.00	30.33 -0.52 0.00	29.54 -0.52 0.00	23.31 -0.36 0.00	17.38 -0.26 0.00	22.13 -0.36 0.00	24.57 -0.39 0.00	35.17 -0.55 0.00	44.44 -0.79 0.00	91.87 -1.61 0.00	52.62 -1.04 0.00	37.38 -0.69 0.00	36.69 -0.58 0.00	36.23 -0.57 0.00
GOWANUS_GT1_1 24077	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_2 24078	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_3 24079	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_4 24080	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_5 24084	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_6 24111	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_7 24112	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT1_8 24113	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.31 1.72 -24.79
GOWANUS_GT2_1 24114	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT2_2 24115	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT2_3 24116	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79

GOWANUS_GT2_4 24117	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT2_5 24118	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT2_6 24119	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT2_7 24120	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT2_8 24121	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT3_1 24122	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.47 5.23 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
GOWANUS_GT3_2 24123	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.47 5.23 -1.76	78.87 3.10 -22.1			

GOWANUS_GT4_3 24132	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GOWANUS_GT4_4 24133	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GOWANUS_GT4_5 24134	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GOWANUS_GT4_6 24135	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GOWANUS_GT4_7 24136	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GOWANUS_GT4_8 24137	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GREENBSH_115KV_TB3 55895	30.77 1.06 0.00	35.19 1.21 0.00	30.83 1.08 0.00	31.46 1.12 0.00	32.71 1.19 0.00	36.56 1.36 0.00	53.48 2.04 0.00	77.81 2.92 0.00	52.04 1.98 0.00	46.04 1.71 0.00	41.88 1.42 0.00	31.91 1.07 0.00	31.08 1.02 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.26 0.76 0.00	25.87 0.90 0.00	37.02 1.31 0.00	46.78 1.56 0.00	96.35 2.87 0.00	55.39 1.73 0.00	39.29 1.22 0.00	38.34 1.07 0.00	37.75 0.95 0.00
GREENIDGE_115KV_TB5 80291	30.44 -1.41 -2.13	44.03 -1.43 -11.48	39.10 -1.30 -10.66	39.26 -1.24 -10.16	40.18 -1.20 -9.87	39.10 -1.35 -5.25	66.65 -1.92 -17.12	93.15 -2.71 -20.97	64.28 -2.10 -16.32	54.85 -1.94 -12.46	49.81 -2.10 -11.45	38.88 -1.64 -9.67	38.04 -1.64 -9.63	31.78 -1.38 -9.48	24.95 -0.92 -8.23	30.44 -1.29 -9.24	33.47 -1.40 -9.91	38.73 -1.83 -4.84	43.27 -1.96 0.00	89.81 -3.66 0.00	51.61 -2.05 0.00	36.90 -1.17 0.00	36.30 -0.97 0.00	35.88 -0.92 0.00
GREENIDGE___3 23582	30.44 -1.41 -2.13	44.03 -1.43 -11.48	39.10 -1.30 -10.66	39.26 -1.24 -10.16	40.18 -1.20 -9.87	39.10 -1.35 -5.25	66.65 -1.92 -17.12	93.15 -2.71 -20.97	64.28 -2.10 -16.32	54.85 -1.94 -12.46	49.81 -2.10 -11.45	38.88 -1.64 -9.67	38.04 -1.64 -9.63	31.78 -1.38 -9.48	24.95 -0.92 -8.23	30.44 -1.29 -9.24	33.47 -1.40 -9.91	38.73 -1.83 -4.84	43.27 -1.96 0.00	89.81 -3.66 0.00	51.61 -2.05 0.00	36.90 -1.17 0.00	36.30 -0.97 0.00	35.88 -0.92 0.00
GREENIDGE___4 23583	30.44 -1.40 -2.13	44.03 -1.43 -11.48	39.12 -1.29 -10.66	39.27 -1.23 -10.16	40.19 -1.20 -9.87	39.11 -1.34 -5.25	66.66 -1.91 -17.12	93.17 -2.70 -20.97	64.27 -2.12 -16.32	54.83 -1.96 -12.46	49.83 -2.08 -11.45	38.88 -1.63 -9.67	38.05 -1.64 -9.63	31.78 -1.38 -9.48	24.95 -0.92 -8.23	30.45 -1.28 -9.24	33.48 -1.40 -9.91	38.73 -1.82 -4.84	43.27 -1.95 0.00	89.81 -3.67 0.00	51.62 -2.04 0.00	36.89 -1.18 0.00	36.30 -0.97 0.00	35.88 -0.92 0.00
GREENLWN_69_KV_BK 3 55738	31.39 1.68 0.00	35.88 1.90 0.00	31.44 1.69 0.00	32.14 1.80 0.00	33.41 1.89 0.00	37.13 1.93 0.00	54.37 2.92 0.00	78.51 3.62 0.00	52.88 2.81 0.00	47.16 2.83 0.00	42.76 2.30 0.00	32.63 1.78 0.00	31.82 1.76 0.00	25.07 1.40 0.00	18.64 1.00 0.00	23.81 1.32 0.00	26.59 1.62 0.00	37.80 2.09 0.00	47.55 2.33 0.00	97.59 4.11 0.00	56.22 2.56 0.00	40.05 1.98 0.00	38.94 1.67 0.00	38.32 1.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79
GRISSOM___SOLAR 323813	31.06 1.35 0.00	35.57 1.59 0.00	31.17 1.43 0.00	31.81 1.47 0.00	33.06 1.55 0.00	36.97 1.78 0.00	54.26 2.80 0.00	79.06 4.17 0.00	52.02 1.95 0.00	44.94 0.62 0.00	40.63 0.17 0.00	30.84 0.00 0.00	30.12 0.07 0.00	23.70 0.03 0.00	17.70 0.05 0.00	22.57 0.08 0.00	24.94 -0.02 0.00	36.33 0.61 0.00	47.13 1.90 0.00	98.11 4.63 0.00	56.33 2.67 0.00	39.94 1.87 0.00	39.05 1.78 0.00	38.55 1.75 0.00
GROVEVILLE___HYD 323602	31.08 1.37 0.00	35.51 1.53 0.00	31.12 1.37 0.00	31.74 1.41 0.00	33.02 1.50 0.00	36.87 1.68 0.00	54.22 2.77 0.00	78.99 4.11 0.00	52.82 2.76 0.00	46.69 2.37 0.00	42.43 1.97 0.00	32.37 1.52 0.00	31.56 1.51 0.00	24.90 1.22 0.00	18.53 0.89 0.00	23.67 1.18 0.00	26.40 1.44 0.00	37.69 1.98 0.00	47.56 2.34 0.00	98.10 4.62 0.00	56.32 2.66 0.00	39.86 1.80 0.00	38.82 1.55 0.00	38.19 1.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.97 -0.74 0.00	33.17 -0.81 0.00	29.07 -0.68 0.00	29.67 -0.66 0.00	30.83 -0.68 0.00	34.40 -0.80 0.00	50.31 -1.14 0.00	73.37 -1.52 0.00	48.88 -1.18 0.00	43.22 -1.11 0.00	39.52 -0.94 0.00	30.14 -0.71 0.00	29.34 -0.72 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.54 0.00	24.34 -0.62 0.00	34.87 -0.84 0.00	44.18 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.18 -0.89 0.00	36.46 -0.81 0.00	36.04 -0.76 0.00

HAMLTNNY_34_KV_TB 80303	28.97 -0.75 0.00	33.17 -0.81 0.00	29.08 -0.67 0.00	29.70 -0.64 0.00	30.87 -0.65 0.00	34.46 -0.73 0.00	50.40 -1.05 0.00	73.53 -1.36 0.00	48.95 -1.11 0.00	43.25 -1.07 0.00	39.48 -0.98 0.00	30.09 -0.76 0.00	29.26 -0.80 0.00	23.06 -0.61 0.00	17.21 -0.43 0.00	21.93 -0.57 0.00	24.34 -0.63 0.00	34.89 -0.82 0.00	44.24 -0.99 0.00	91.52 -1.96 0.00	52.48 -1.18 0.00	37.24 -0.83 0.00	36.55 -0.72 0.00	36.13 -0.67 0.00
HAMPSHIRE___PAPER_HYD 323593	29.39 -0.32 0.00	33.72 -0.27 0.00	29.46 -0.28 0.00	29.97 -0.36 0.00	30.95 -0.56 0.00	34.59 -0.60 0.00	50.64 -0.81 0.00	73.92 -0.97 0.00	49.24 -0.82 0.00	43.10 -1.23 0.00	39.02 -1.44 0.00	29.52 -1.32 0.00	28.75 -1.30 0.00	22.63 -1.05 0.00	16.87 -0.77 0.00	21.55 -0.94 0.00	24.08 -0.88 0.00	34.89 -0.83 0.00	44.73 -0.49 0.00	93.40 -0.08 0.00	53.54 -0.12 0.00	37.94 -0.13 0.00	37.23 -0.04 0.00	37.13 0.32 0.00
HARDSCRABBLE_WT_PWR 323673	29.85 0.14 0.00	34.23 0.25 0.00	30.16 0.41 0.00	30.89 0.55 0.00	32.10 0.59 0.00	35.94 0.74 0.00	52.69 1.24 0.00	76.61 1.72 0.00	50.82 0.76 0.00	44.34 0.02 0.00	40.26 -0.20 0.00	30.55 -0.30 0.00	29.72 -0.33 0.00	23.34 -0.34 0.00	17.37 -0.27 0.00	22.22 -0.27 0.00	24.67 -0.29 0.00	35.47 -0.24 0.00	45.26 0.04 0.00	93.51 0.04 0.00	53.70 0.04 0.00	38.05 -0.02 0.00	37.03 -0.24 0.00	36.29 -0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.74 1.02 0.00	35.12 1.13 0.00	30.78 1.03 0.00	31.38 1.05 0.00	32.64 1.13 0.00	36.47 1.28 0.00	53.65 2.20 0.00	78.19 3.30 0.00	52.27 2.21 0.00	46.21 1.89 0.00	41.98 1.52 0.00	32.04 1.19 0.00	31.25 1.19 0.00	24.67 1.00 0.00	18.38 0.74 0.00	23.47 0.98 0.00	26.18 1.21 0.00	37.35 1.63 0.00	47.10 1.87 0.00	97.17 3.69 0.00	55.79 2.14 0.00	39.47 1.40 0.00	38.46 1.19 0.00	37.86 1.06 0.00
HARSNRAD_115KV_TB1 81005	24.97 -3.27 1.48	22.41 -3.56 8.01	18.68 -3.27 7.80	19.98 -3.20 7.15	21.41 -3.30 6.82	27.82 -3.76 3.63	33.63 -5.99 11.83	51.88 -8.50 14.50	33.23 -5.54 11.29	31.45 -4.27 8.61	28.95 -3.61 7.90	21.43 -2.74 6.67	20.82 -2.66 6.57	15.75 -2.20 5.72	11.11 -1.56 4.97	14.68 -2.24 5.58	16.55 -2.43 5.98	29.24 -3.55 2.92	40.71 -4.51 0.00	84.39 -9.09 0.00	48.20 -5.45 0.00	34.60 -3.47 0.00	34.62 -2.65 0.00	34.41 -2.39 0.00
HARZA MOOSE___RIVER 24016	29.60 -0.11 0.00	34.05 0.06 0.00	29.82 0.07 0.00	30.37 0.03 0.00	31.36 -0.16 0.00	35.03 -0.16 0.00	51.44 -0.01 0.00	75.10 0.21 0.00	49.96 -0.10 0.00	43.68 -0.64 0.00	39.60 -0.86 0.00	29.98 -0.86 0.00	29.19 -0.86 0.00	23.00 -0.67 0.00	17.12 -0.52 0.00	21.89 -0.61 0.00	24.40 -0.56 0.00	35.25 -0.46 0.00	45.17 -0.06 0.00	93.89 0.41 0.00	53.83 0.17 0.00	38.19 0.12 0.00	37.42 0.15 0.00	37.28 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.75 -0.96 0.00	32.94 -1.05 0.00	28.84 -0.91 0.00	29.45 -0.89 0.00	30.61 -0.91 0.00	34.15 -1.04 0.00	49.94 -1.51 0.00	72.81 -2.08 0.00	48.55 -1.51 0.00	42.98 -1.35 0.00	39.36 -1.11 0.00	30.01 -0.83 0.00	29.24 -0.82 0.00	23.04 -0.63 0.00	17.18 -0.46 0.00	21.86 -0.63 0.00	24.22 -0.74 0.00	34.67 -1.05 0.00	43.87 -1.36 0.00	90.68 -2.80 0.00	51.99 -1.67 0.00	36.94 -1.13 0.00	36.22 -1.05 0.00	35.81 -1.00 0.00
HELLGATE_13_KV_LD 55870	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.43 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.17 2.73 0.00	78.96 4.07 0.00	52.95 2.89 0.00	46.89 2.56 0.00	42.79 2.32 0.00	33.30 1.89 -0.56	33.27 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.04 4.56 0.00	56.32 2.67 0.00	39.85 1.79 0.00	38.83 1.56 0.00	38.21 1.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.17 1.45 -0.01	35.57 1.58 -0.01	31.19 1.44 -0.01	31.76 1.43 0.00	33.00 1.49 0.00	36.79 1.59 0.00	54.17 2.73 0.00	78.96 4.07 0.00	52.95 2.89 0.00	46.89 2.56 0.00	42.79 2.32 0.00	33.30 1.89 -0.56	33.27 1.91 -1.31	26.95 1.55 -1.73	21.13 1.13 -2.36	25.48 1.46 -1.53	26.68 1.71 -0.01	37.95 2.23 0.00	47.63 2.41 0.00	98.04 4.56 0.00	56.32 2.67 0.00	39.85 1.79 0.00	38.83 1.56 0.00	38.21 1.41 0.00
HEMPSTEAD____ 23647	31.31 1.60 0.00	35.77 1.79 0.00	31.33 1.59 0.00	32.01 1.68 0.00	33.28 1.77 0.00	37.09 1.89 0.00	54.42 2.97 0.00	78.78 3.89 0.00	52.94 2.88 0.00	47.06 2.73 0.00	42.72 2.26 0.00	32.63 1.78 0.00	31.81 1.76 0.00	25.07 1.39 0.00	18.65 1.01 0.00	23.82 1.33 0.00	26.59 1.63 0.00	37.91 2.19 0.00	47.74 2.52 0.00	98.08 4.60 0.00	56.43 2.77 0.00	40.07 2.01 0.00	38.95 1.68 0.00	38.30 1.50 0.00
HEWLETT_69_KV_BK3 55828	31.53 1.82 0.00	35.99 2.00 0.00	31.53 1.78 0.00	32.19 1.86 0.00	33.45 1.93 0.00	37.30 2.10 0.00	54.75 3.30 0.00	79.33 4.44 0.00	53.29 3.23 0.00	47.34 3.02 0.00	43.00 2.54 0.00	32.84 1.99 0.00	32.03 1.97 0.00	25.23 1.56 0.00	18.78 1.14 0.00	23.99 1.50 0.00	26.80 1.83 0.00	38.18 2.47 0.00	48.06 2.84 0.00	98.77 5.29 0.00	56.86 3.20 0.00	40.35 2.28 0.00	39.26 2.00 0.00	38.61 1.80 0.00
HICKLING___1 23621	28.78 -1.63 -0.70	36.12 -1.61 -3.75	31.71 -1.50 -3.45	32.24 -1.41 -3.32	33.38 -1.37 -3.23	35.40 -1.51 -1.72	55.06 -1.99 -5.61	79.02 -2.75 -6.88	53.18 -2.23 -5.36	46.54 -1.87 -4.08	42.12 -2.09 -3.75	32.46 -1.55 -3.17	31.64 -1.51 -3.10	25.04 -1.12 -2.48	18.99 -0.80 -2.15	23.86 -1.05 -2.42	26.44 -1.12 -2.59	35.45 -1.53 -1.27	43.29 -1.93 0.00	90.15 -3.33 0.00	51.58 -2.08 0.00	36.74 -1.33 0.00	36.18 -1.10 0.00	35.66 -1.14 0.00
HICKLING___2 23622	28.78 -1.63 -0.70	36.12 -1.61 -3.75	31.71 -1.50 -3.45	32.24 -1.41 -3.32	33.38 -1.37 -3.23	35.40 -1.51 -1.72	55.06 -1.99 -5.61	79.02 -2.75 -6.88	53.18 -2.23 -5.36	46.54 -1.87 -4.08	42.12 -2.09 -3.75	32.46 -1.55 -3.17	31.64 -1.51 -3.10	25.04 -1.12 -2.48	18.99 -0.80 -2.15	23.86 -1.05 -2.42	26.44 -1.12 -2.59	35.45 -1.53 -1.27	43.29 -1.93 0.00	90.15 -3.33 0.00	51.58 -2.08 0.00	36.74 -1.33 0.00	36.18 -1.10 0.00	35.66 -1.14 0.00
HIGH FALLS___HY 23754	30.99 1.27 0.00	35.40 1.42 0.00	31.03 1.28 0.00	31.66 1.33 0.00	32.93 1.41 0.00	36.80 1.60 0.00	54.17 2.72 0.00	78.97 4.08 0.00	52.74 2.68 0.00	46.52 2.20 0.00	42.20 1.74 0.00	32.10 1.26 0.00	31.29 1.23 0.00	24.68 1.00 0.00	18.37 0.73 0.00	23.46 0.96 0.00	26.16 1.20 0.00	37.42 1.70 0.00	47.35 2.12 0.00	97.90 4.42 0.00	56.19 2.54 0.00	39.78 1.71 0.00	38.73 1.46 0.00	38.10 1.30 0.00
HIGH_RIVER___SOLAR 323847	30.70 0.99 0.00	35.13 1.15 0.00	30.79 1.04 0.00	31.41 1.07 0.00	32.64 1.12 0.00	36.49 1.29 0.00	53.49 2.04 0.00	77.83 2.94 0.00	51.68 1.62 0.00	45.08 0.75 0.00	40.75 0.28 0.00	30.96 0.12 0.00	30.16 0.11 0.00	23.74 0.07 0.00	17.72 0.08 0.00	22.61 0.12 0.00	25.14 0.18 0.00	36.35 0.63 0.00	46.61 1.38 0.00	96.64 3.16 0.00	55.49 1.83 0.00	39.34 1.27 0.00	38.45 1.18 0.00	37.91 1.11 0.00

HILLBURN___GT 23639	30.63 0.92 0.00	35.00 1.02 0.00	30.69 0.93 0.00	31.29 0.95 0.00	32.55 1.03 0.00	36.35 1.15 0.00	53.47 2.02 0.00	77.94 3.05 0.00	52.12 2.06 0.00	46.12 1.80 0.00	41.90 1.43 0.00	32.00 1.16 0.00	31.21 1.16 0.00	24.66 0.98 0.00	18.37 0.73 0.00	23.45 0.96 0.00	26.14 1.18 0.00	37.24 1.52 0.00	46.92 1.70 0.00	96.80 3.32 0.00	55.58 1.92 0.00	39.33 1.27 0.00	38.33 1.06 0.00	37.73 0.93 0.00
HILLSIDE_115KV_TB1 80332	28.67 -1.67 -0.62	35.66 -1.67 -3.35	31.29 -1.54 -3.08	31.86 -1.43 -2.96	32.97 -1.44 -2.89	35.15 -1.59 -1.54	54.29 -2.17 -5.01	78.06 -2.97 -6.14	52.51 -2.34 -4.78	46.17 -1.80 -3.65	41.83 -1.98 -3.35	32.23 -1.44 -2.83	31.42 -1.39 -2.76	24.86 -1.03 -2.21	18.82 -0.74 -1.92	23.68 -0.97 -2.15	26.23 -1.05 -2.31	35.34 -1.50 -1.13	43.13 -2.09 0.00	89.56 -3.92 0.00	51.17 -2.48 0.00	36.42 -1.65 0.00	35.82 -1.45 0.00	35.36 -1.44 0.00
HISHELDN_WT_PWR 323625	18.94 -3.53 7.25	-8.73 -3.68 39.03	-10.07 -3.35 36.47	-7.59 -3.33 34.59	-5.39 -3.38 33.52	13.46 -3.91 17.84	-12.37 -5.67 58.15	-4.67 -8.34 71.22	-11.02 -5.64 55.43	-2.82 -4.83 42.31	-2.90 -4.49 38.87	-5.44 -3.46 32.82	-5.64 -3.38 32.32	-7.34 -2.70 28.32	-8.88 -1.94 24.58	-7.70 -2.59 27.60	-7.37 -2.75 29.58	17.35 -3.90 14.46	40.44 -4.79 0.00	84.68 -8.80 0.00	48.59 -5.07 0.00	34.80 -3.27 0.00	34.72 -2.55 0.00	34.48 -2.32 0.00
HOLTSVILLE_IC_1 23690	31.63 1.91 0.00	36.11 2.13 0.00	31.67 1.92 0.00	32.40 2.07 0.00	33.71 2.19 0.00	37.50 2.30 0.00	54.70 3.24 0.00	78.77 3.89 0.00	53.09 3.04 0.00	47.47 3.14 0.00	42.88 2.41 0.00	32.73 1.88 0.00	31.87 1.81 0.00	25.08 1.41 0.00	18.64 1.00 0.00	23.81 1.32 0.00	26.64 1.67 0.00	38.03 2.31 0.00	47.95 2.73 0.00	98.11 4.63 0.00	56.54 2.88 0.00	40.33 2.27 0.00	39.16 1.89 0.00	38.55 1.75 0.00
HOLTSVILLE_IC_10 23699	31.74 2.03 0.00	36.23 2.25 0.00	31.76 2.01 0.00	32.51 2.17 0.00	33.50 2.31 0.33	36.65 2.44 0.99	54.93 3.48 0.00	80.01 4.26 -0.85	53.33 3.27 0.00	47.65 3.33 0.00	43.04 2.57 0.00	32.83 1.99 0.00	31.96 1.90 0.00	25.15 1.48 0.00	18.69 1.05 0.00	23.89 1.39 0.00	26.74 1.77 0.00	38.18 2.47 0.00	48.20 2.97 0.00	98.59 5.11 0.00	56.81 3.15 0.00	40.56 2.49 0.00	39.34 2.07 0.00	38.73 1.93 0.00
HOLTSVILLE_IC_2 23691	31.63 1.91 0.00	36.11 2.13 0.00	31.67 1.92 0.00	32.40 2.07 0.00	33.71 2.19 0.00	37.50 2.30 0.00	54.70 3.24 0.00	78.77 3.89 0.00	53.09 3.04 0.00	47.47 3.14 0.00	42.88 2.41 0.00	32.73 1.88 0.00	31.87 1.81 0.00	25.08 1.41 0.00	18.64 1.00 0.00	23.81 1.32 0.00	26.64 1.67 0.00	38.03 2.31 0.00	47.95 2.73 0.00	98.11 4.63 0.00	56.54 2.88 0.00	40.33 2.27 0.00	39.16 1.89 0.00	38.55 1.75 0.00
HOLTSVILLE_IC_3 23692	31.63 1.91 0.00	36.11 2.13 0.00	31.67 1.92 0.00	32.40 2.07 0.00	33.71 2.19 0.00	37.50 2.30 0.00	54.70 3.24 0.00	78.77 3.89 0.00	53.09 3.04 0.00	47.47 3.14 0.00	42.88 2.41 0.00	32.73 1.88 0.00	31.87 1.81 0.00	25.08 1.41 0.00	18.64 1.00 0.00	23.81 1.32 0.00	26.64 1.67 0.00	38.03 2.31 0.00	47.95 2.73 0.00	98.11 4.63 0.00	56.54 2.88 0.00	40.33 2.27 0.00	39.16 1.89 0.00	38.55 1.75 0.00
HOLTSVILLE_IC_4 23693	31.63 1.91 0.00	36.11 2.13 0.00	31.67 1.92 0.00	32.40 2.07 0.00	33.71 2.19 0.00	37.50 2.30 0.00	54.70 3.24 0.00	78.77 3.89 0.00	53.09 3.04 0.00	47.47 3.14 0.00	42.88 2.41 0.00	32.73 1.88 0.00	31.87 1.81 0.00	25.08 1.41 0.00	18.64 1.00 0.00	23.81 1.32 0.00	26.64 1.67 0.00	38.03 2.31 0.00	47.95 2.73 0.00	98.11 4.63 0.00	56.54 2.88 0.00	40.33 2.27 0.00	39.16 1.89 0.00	38.55 1.75 0.00
HOLTSVILLE_IC_5 23694	31.63 1.91 0.00	36.11 2.13 0.00	31.67 1.92 0.00	32.40 2.07 0.00	33.71 2.19 0.00	37.50 2.30 0.00	54.70 3.24 0.00	78.77 3.89 0.00	53.09 3.04 0.00	47.47 3.14 0.00	42.88 2.41 0.00	32.73 1.88 0.00	31.87 1.81 0.00	25.08 1.41 0.00	18.64 1.00 0.00	23.81 1.32 0.00	26.64 1.67 0.00	38.03 2.31 0.00	47.95 2.73 0.00	98.11 4.63 0.00	56.54 2.88 0.00	40.33 2.27 0.00	39.16 1.89 0.00	38.55 1.75 0.00
HOLTSVILLE_IC_6 23695	31.74 2.03 0.00	36.23 2.25 0.00	31.76 2.01 0.00	32.51 2.17 0.00	33.50 2.31 0.33	36.65 2.44 0.99	54.93 3.48 0.00	80.01 4.26 -0.85	53.33 3.27 0.00	47.65 3.33 0.00	43.04 2.57 0.00	32.83 1.99 0.00	31.96 1.90 0.00	25.15 1.48 0.00	18.69 1.05 0.00	23.89 1.39 0.00	26.74 1.77 0.00	38.18 2.47 0.00	48.20 2.97 0.00	98.59 5.11 0.00	56.81 3.15 0.00	40.56 2.49 0.00	39.34 2.07 0.00	38.73 1.93 0.00
HOLTSVILLE_IC_7 23696	31.74 2.03 0.00	36.23 2.25 0.00	31.76 2.01 0.00	32.51 2.17 0.00	33.50 2.31 0.33	36.65 2.44 0.99	54.93 3.48 0.00	80.01 4.26 -0.85	53.33 3.27 0.00	47.65 3.33 0.00	43.04 2.57 0.00	32.83 1.99 0.00	31.96 1.90 0.00	25.15 1.48 0.00	18.69 1.05 0.00	23.89 1.39 0.00	26.74 1.77 0.00	38.18 2.47 0.00	48.20 2.97 0.00	98.59 5.11 0.00	56.81 3.15 0.00	40.56 2.49 0.00	39.34 2.07 0.00	38.73 1.93 0.00
HOLTSVILLE_IC_8 23697	31.74 2.03 0.00	36.23 2.25 0.00	31.76 2.01 0.00	32.51 2.17 0.00	33.50 2.31 0.33	36.65 2.44 0.99	54.93 3.48 0.00	80.01 4.26 -0.85	53.33 3.27 0.00	47.65 3.33 0.00	43.04 2.57 0.00	32.83 1.99 0.00	31.96 1.90 0.00	25.15 1.48 0.00	18.69 1.05 0.00	23.89 1.39 0.00	26.74 1.77 0.00	38.18 2.47 0.00	48.20 2.97 0.00	98.59 5.11 0.00	56.81 3.15 0.00	40.56 2.49 0.00	39.34 2.07 0.00	38.73 1.93 0.00
HOLTSVILLE_IC_9 23698	31.74 2.03 0.00	36.23 2.25 0.00	31.76 2.01 0.00	32.51 2.17 0.00	33.50 2.31 0.33	36.65 2.44 0.99	54.93 3.48 0.00	80.01 4.26 -0.85	53.33 3.27 0.00	47.65 3.33 0.00	43.04 2.57 0.00	32.83 1.99 0.00	31.96 1.90 0.00	25.15 1.48 0.00	18.69 1.05 0.00	23.89 1.39 0.00	26.74 1.77 0.00	38.18 2.47 0.00	48.20 2.97 0.00	98.59 5.11 0.00	56.81 3.15 0.00	40.56 2.49 0.00	39.34 2.07 0.00	38.73 1.93 0.00
HOMER_HL_115KV_TB2 355744	27.91 -1.81 0.00	32.14 -1.84 0.00	28.01 -1.75 0.00	28.72 -1.62 0.00	29.83 -1.68 0.00	33.18 -2.01 0.00	48.34 -3.11 0.00	70.97 -3.92 0.00	47.14 -2.92 0.00	42.20 -2.13 0.00	38.71 -1.76 0.00	29.71 -1.14 0.00	28.92 -1.13 0.00	22.77 -0.91 0.00	17.00 -0.64 0.00	21.53 -0.97 0.00	23.94 -1.03 0.00	34.12 -1.60 0.00	42.96 -2.27 0.00	89.22 -4.26 0.00	50.91 -2.75 0.00	36.32 -1.75 0.00	36.18 -1.09 0.00	35.97 -0.83 0.00
HOWARD_WT_PWR 323690	31.03 -3.28 -4.60	55.38 -3.33 -24.73	49.50 -3.20 -22.95	49.07 -3.15 -21.89	49.75 -3.03 -21.27	42.86 -3.65 -11.31	83.11 -5.24 -36.90	112.33 -7.75 -45.19	79.67 -5.57 -35.18	66.17 -5.01 -26.85	60.10 -5.03 -24.66	47.78 -3.90 -20.83	46.78 -3.79 -20.51	38.74 -2.95 -18.02	31.17 -2.11 -15.64	37.26 -2.79 -17.56	40.78 -3.01 -18.82	40.74 -4.17 -9.20	40.16 -5.06 0.00	85.33 -8.15 0.00	48.81 -4.85 0.00	35.34 -2.73 0.00	35.16 -2.11 0.00	34.81 -1.99 0.00

HQ_GEN_CEDARS 23644	30.17 0.46 0.00	34.40 0.42 0.00	30.05 0.30 0.00	30.58 0.24 0.00	31.73 0.21 0.00	35.47 0.27 0.00	51.72 0.27 0.00	75.29 0.40 0.00	50.38 0.32 0.00	44.62 0.30 0.00	40.64 0.17 0.00	30.91 0.06 0.00	30.12 0.06 0.00	23.67 0.00 0.00	17.68 0.04 0.00	22.54 0.04 0.00	25.11 0.14 0.00	36.03 0.32 0.00	45.86 0.64 0.00	95.43 1.95 0.00	54.72 1.06 0.00	38.77 0.71 0.00	38.09 0.81 0.00	37.67 0.87 0.00
HQ_GEN_CEDARS_PROXY 323590	30.17 0.46 0.00	34.40 0.42 0.00	30.05 0.30 0.00	30.58 0.24 0.00	31.73 0.21 0.00	35.47 0.28 0.00	51.72 0.27 0.00	75.29 0.40 0.00	50.38 0.32 0.00	44.63 0.30 0.00	40.64 0.17 0.00	30.91 0.06 0.00	30.11 0.06 0.00	23.67 0.00 0.00	17.68 0.04 0.00	22.54 0.05 0.00	25.11 0.14 0.00	36.03 0.32 0.00	45.86 0.64 0.00	95.43 1.95 0.00	54.72 1.06 0.00	38.77 0.71 0.00	38.08 0.81 0.00	37.67 0.87 0.00
HQ_GEN_IMPORT 323601	29.96 0.24 0.00	34.20 0.22 0.00	29.90 0.15 0.00	30.46 0.12 0.00	31.63 0.11 0.00	35.33 0.13 0.00	51.56 0.11 0.00	75.02 0.13 0.00	50.21 0.15 0.00	44.51 0.18 0.00	40.61 0.15 0.00	30.94 0.10 0.00	30.14 0.09 0.00	23.71 0.04 0.00	17.69 0.05 0.00	22.55 0.06 0.00	25.05 0.08 0.00	35.88 0.17 0.00	45.55 0.33 0.00	94.44 0.97 0.00	54.18 0.52 0.00	38.41 0.34 0.00	37.68 0.41 0.00	37.23 0.43 0.00
HQ_GEN_WHEEL 23651	29.96 0.24 0.00	34.20 0.22 0.00	29.90 0.15 0.00	30.46 0.12 0.00	31.63 0.11 0.00	35.33 0.13 0.00	51.56 0.11 0.00	75.02 0.13 0.00	50.21 0.15 0.00	44.51 0.18 0.00	40.61 0.15 0.00	30.94 0.10 0.00	30.14 0.09 0.00	23.71 0.04 0.00	17.69 0.05 0.00	22.55 0.06 0.00	25.05 0.08 0.00	35.88 0.17 0.00	45.55 0.33 0.00	94.44 0.97 0.00	54.18 0.52 0.00	38.41 0.34 0.00	37.68 0.41 0.00	37.23 0.43 0.00
HUDSON AVE_GT_3 23810	31.09 1.38 0.00	35.48 1.50 0.00	31.11 1.36 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.13 2.68 0.00	78.87 3.99 0.00	52.83 2.77 0.00	46.80 2.47 0.00	42.64 2.18 0.00	32.64 1.79 0.00	31.87 1.81 0.00	25.15 1.48 0.00	18.72 1.08 0.00	23.88 1.38 0.00	26.60 1.63 0.00	37.85 2.14 0.00	47.57 2.35 0.00	97.94 4.46 0.00	56.25 2.59 0.00	39.79 1.73 0.00	38.77 1.50 0.00	38.15 1.35 0.00
HUDSON AVE_GT_4 23540	31.09 1.38 0.00	35.48 1.50 0.00	31.11 1.36 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.13 2.68 0.00	78.87 3.99 0.00	52.83 2.77 0.00	46.80 2.47 0.00	42.64 2.18 0.00	32.64 1.79 0.00	31.87 1.81 0.00	25.15 1.48 0.00	18.72 1.08 0.00	23.88 1.38 0.00	26.60 1.63 0.00	37.85 2.14 0.00	47.57 2.35 0.00	97.94 4.46 0.00	56.25 2.59 0.00	39.79 1.73 0.00	38.77 1.50 0.00	38.15 1.35 0.00
HUDSON AVE_GT_5 23657	31.09 1.38 0.00	35.48 1.50 0.00	31.11 1.36 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.13 2.68 0.00	78.87 3.99 0.00	52.83 2.77 0.00	46.80 2.47 0.00	42.64 2.18 0.00	32.64 1.79 0.00	31.87 1.81 0.00	25.15 1.48 0.00	18.72 1.08 0.00	23.88 1.38 0.00	26.60 1.63 0.00	37.85 2.14 0.00	47.57 2.35 0.00	97.94 4.46 0.00	56.25 2.59 0.00	39.79 1.73 0.00	38.77 1.50 0.00	38.15 1.35 0.00
HUDSON_AVE_10 24168	31.00 1.29 0.00	35.39 1.41 0.00	31.03 1.28 0.00	31.61 1.28 0.00	32.85 1.33 0.00	36.65 1.45 0.00	53.96 2.51 0.00	78.64 3.75 0.00	52.66 2.60 0.00	46.66 2.34 0.00	42.53 2.07 0.00	32.56 1.72 0.00	31.79 1.73 0.00	25.09 1.42 0.00	18.67 1.03 0.00	23.81 1.32 0.00	26.53 1.56 0.00	37.74 2.02 0.00	47.43 2.21 0.00	97.61 4.13 0.00	56.07 2.41 0.00	39.67 1.60 0.00	38.68 1.41 0.00	38.04 1.24 0.00
HUDSON___115KV_TB 4 355613	31.28 1.57 0.00	35.78 1.80 0.00	31.35 1.60 0.00	31.99 1.65 0.00	33.28 1.77 0.00	37.26 2.06 0.00	54.62 3.17 0.00	79.57 4.68 0.00	53.04 2.98 0.00	46.51 2.19 0.00	42.12 1.65 0.00	32.06 1.21 0.00	31.19 1.13 0.00	24.52 0.85 0.00	18.22 0.58 0.00	23.30 0.80 0.00	25.94 0.98 0.00	37.30 1.59 0.00	47.52 2.30 0.00	98.27 4.79 0.00	56.47 2.81 0.00	40.01 1.95 0.00	39.02 1.75 0.00	38.38 1.58 0.00
HUNTER MOUNT___DRP 323613	31.45 1.73 0.00	35.98 2.00 0.00	31.52 1.77 0.00	32.17 1.83 0.00	33.47 1.96 0.00	37.50 2.30 0.00	54.99 3.54 0.00	80.11 5.22 0.00	53.39 3.33 0.00	46.71 2.39 0.00	42.26 1.80 0.00	32.13 1.28 0.00	31.24 1.18 0.00	24.55 0.87 0.00	18.24 0.60 0.00	23.33 0.83 0.00	25.99 1.03 0.00	37.45 1.73 0.00	47.79 2.57 0.00	98.83 5.35 0.00	56.79 3.14 0.00	40.24 2.18 0.00	39.23 1.96 0.00	38.57 1.76 0.00
HUNTINGTON_RES_REC 323705	31.51 1.80 0.00	35.99 2.01 0.00	31.55 1.80 0.00	32.26 1.92 0.00	33.55 2.03 0.00	37.31 2.11 0.00	54.56 3.11 0.00	78.69 3.80 0.00	53.02 2.96 0.00	47.32 2.99 0.00	42.80 2.33 0.00	32.65 1.80 0.00	31.81 1.75 0.00	25.05 1.38 0.00	18.62 0.98 0.00	23.79 1.29 0.00	26.60 1.63 0.00	37.91 2.19 0.00	47.79 2.57 0.00	97.98 4.50 0.00	56.46 2.81 0.00	40.26 2.19 0.00	39.09 1.82 0.00	38.46 1.66 0.00
HUNTLEY___63 23557	25.66 -2.95 1.10	24.79 -3.20 5.99	20.99 -2.94 5.82	22.12 -2.87 5.35	23.44 -2.97 5.10	29.10 -3.38 2.71	37.15 -5.45 8.85	56.34 -7.67 10.87	36.61 -4.98 8.46	34.20 -3.68 6.44	31.50 -3.05 5.91	23.56 -2.29 4.99	22.91 -2.23 4.92	17.53 -1.86 4.28	12.62 -1.31 3.72	16.42 -1.91 4.17	18.42 -2.07 4.47	30.50 -3.03 2.19	41.29 -3.93 0.00	85.50 -7.98 0.00	48.81 -4.84 0.00	35.04 -3.03 0.00	35.03 -2.24 0.00	34.81 -2.00 0.00
HUNTLEY___64 23558	25.66 -2.95 1.10	24.79 -3.20 5.99	20.99 -2.94 5.82	22.12 -2.87 5.35	23.44 -2.97 5.10	29.10 -3.38 2.71	37.15 -5.45 8.85	56.34 -7.67 10.87	36.61 -4.98 8.46	34.20 -3.68 6.44	31.50 -3.05 5.91	23.56 -2.29 4.99	22.91 -2.23 4.92	17.53 -1.86 4.28	12.62 -1.31 3.72	16.42 -1.91 4.17	18.42 -2.07 4.47	30.50 -3.03 2.19	41.29 -3.93 0.00	85.50 -7.98 0.00	48.81 -4.84 0.00	35.04 -3.03 0.00	35.03 -2.24 0.00	34.81 -2.00 0.00
HUNTLEY___65 23559	25.66 -2.95 1.10	24.79 -3.20 5.99	20.99 -2.94 5.82	22.12 -2.87 5.35	23.44 -2.97 5.10	29.10 -3.38 2.71	37.15 -5.45 8.85	56.34 -7.67 10.87	36.61 -4.98 8.46	34.20 -3.68 6.44	31.50 -3.05 5.91	23.56 -2.29 4.99	22.91 -2.23 4.92	17.53 -1.86 4.28	12.62 -1.31 3.72	16.42 -1.91 4.17	18.42 -2.07 4.47	30.50 -3.03 2.19	41.29 -3.93 0.00	85.50 -7.98 0.00	48.81 -4.84 0.00	35.04 -3.03 0.00	35.03 -2.24 0.00	34.81 -2.00 0.00
HUNTLEY___66 23560	25.66 -2.95 1.10	24.79 -3.20 5.99	20.99 -2.94 5.82	22.12 -2.87 5.35	23.44 -2.97 5.10	29.10 -3.38 2.71	37.15 -5.45 8.85	56.34 -7.67 10.87	36.61 -4.98 8.46	34.20 -3.68 6.44	31.50 -3.05 5.91	23.56 -2.29 4.99	22.91 -2.23 4.92	17.53 -1.86 4.28	12.62 -1.31 3.72	16.42 -1.91 4.17	18.42 -2.07 4.47	30.50 -3.03 2.19	41.29 -3.93 0.00	85.50 -7.98 0.00	48.81 -4.84 0.00	35.04 -3.03 0.00	35.03 -2.24 0.00	34.81 -2.00 0.00

HUNTLEY___67 23561	25.69 -2.97 1.06	25.07 -3.20 5.71	21.33 -2.95 5.47	22.37 -2.88 5.09	23.67 -2.97 4.88	29.19 -3.41 2.60	37.51 -5.48 8.47	56.76 -7.73 10.40	36.92 -5.05 8.09	34.46 -3.71 6.16	31.76 -3.05 5.65	23.80 -2.27 4.78	23.15 -2.20 4.70	17.73 -1.84 4.10	12.80 -1.29 3.56	16.62 -1.88 3.99	18.66 -2.03 4.28	30.62 -3.00 2.09	41.26 -3.97 0.00	85.34 -8.14 0.00	48.73 -4.94 0.00	34.97 -3.09 0.00	34.94 -2.34 0.00	34.73 -2.07 0.00
HUNTLEY___68 23562	25.69 -2.97 1.06	25.07 -3.20 5.71	21.33 -2.95 5.47	22.37 -2.88 5.09	23.67 -2.97 4.88	29.19 -3.41 2.60	37.51 -5.48 8.47	56.76 -7.73 10.40	36.92 -5.05 8.09	34.46 -3.71 6.16	31.76 -3.05 5.65	23.80 -2.27 4.78	23.15 -2.20 4.70	17.73 -1.84 4.10	12.80 -1.29 3.56	16.62 -1.88 3.99	18.66 -2.03 4.28	30.62 -3.00 2.09	41.26 -3.97 0.00	85.34 -8.14 0.00	48.73 -4.94 0.00	34.97 -3.09 0.00	34.94 -2.34 0.00	34.73 -2.07 0.00
HYLAND___LFGE 323620	33.37 -1.36 -5.01	59.61 -1.34 -26.97	53.55 -1.29 -25.10	52.99 -1.23 -23.88	53.57 -1.13 -23.19	46.29 -1.25 -12.33	90.15 -1.52 -40.22	122.33 -1.81 -49.25	86.64 -1.76 -38.33	70.82 -2.78 -29.27	64.57 -2.78 -26.88	51.39 -2.16 -22.70	50.31 -2.13 -22.38	41.81 -1.72 -19.86	33.65 -1.23 -17.23	40.17 -1.68 -19.35	43.92 -1.79 -20.74	43.40 -2.45 -10.14	42.71 -2.51 0.00	91.31 -2.17 0.00	52.50 -1.16 0.00	37.49 -0.58 0.00	36.95 -0.32 0.00	36.62 -0.19 0.00
INDECK___CORINTH 23802	31.50 1.79 0.00	36.16 2.18 0.00	31.66 1.91 0.00	32.39 2.05 0.00	33.68 2.17 0.00	37.95 2.76 0.00	55.84 4.39 0.00	81.40 6.51 0.00	54.49 4.43 0.00	47.82 3.50 0.00	43.18 2.72 0.00	32.68 1.83 0.00	31.77 1.72 0.00	24.83 1.16 0.00	18.50 0.87 0.00	23.71 1.22 0.00	26.18 1.21 0.00	37.11 1.39 0.00	46.93 1.71 0.00	96.45 2.97 0.00	55.38 1.72 0.00	39.20 1.13 0.00	38.20 0.93 0.00	37.57 0.77 0.00
INDECK___ILION 23567	29.94 0.22 0.00	34.28 0.30 0.00	30.10 0.35 0.00	30.75 0.42 0.00	31.96 0.44 0.00	35.75 0.55 0.00	52.38 0.93 0.00	76.20 1.32 0.00	50.73 0.67 0.00	44.57 0.24 0.00	40.54 0.08 0.00	30.81 -0.03 0.00	30.00 -0.05 0.00	23.61 -0.07 0.00	17.57 -0.07 0.00	22.46 -0.04 0.00	24.95 -0.02 0.00	35.79 0.08 0.00	45.49 0.26 0.00	93.96 0.47 0.00	53.97 0.31 0.00	38.25 0.19 0.00	37.31 0.04 0.00	36.71 -0.09 0.00
INDECK___OLEAN 23982	27.92 -1.79 0.00	32.18 -1.80 0.00	28.04 -1.71 0.00	28.75 -1.58 0.00	29.88 -1.64 0.00	33.22 -1.98 0.00	48.40 -3.05 0.00	71.03 -3.86 0.00	47.19 -2.87 0.00	42.25 -2.08 0.00	38.77 -1.70 0.00	29.73 -1.12 0.00	28.95 -1.10 0.00	22.77 -0.91 0.00	17.00 -0.64 0.00	21.54 -0.95 0.00	23.96 -1.01 0.00	34.13 -1.58 0.00	42.96 -2.27 0.00	89.22 -4.26 0.00	50.93 -2.73 0.00	36.29 -1.78 0.00	36.18 -1.09 0.00	35.97 -0.83 0.00
INDECK___OSWEGO 23783	28.53 -1.19 0.00	32.69 -1.29 0.00	28.62 -1.13 0.00	29.22 -1.12 0.00	30.35 -1.16 0.00	33.84 -1.35 0.00	49.43 -2.02 0.00	72.03 -2.85 0.00	48.05 -2.01 0.00	42.52 -1.80 0.00	38.98 -1.49 0.00	29.71 -1.14 0.00	28.95 -1.11 0.00	22.80 -0.88 0.00	17.00 -0.64 0.00	21.63 -0.87 0.00	23.96 -1.01 0.00	34.30 -1.41 0.00	43.44 -1.79 0.00	89.78 -3.70 0.00	51.51 -2.15 0.00	36.58 -1.48 0.00	35.85 -1.42 0.00	35.50 -1.30 0.00
INDECK___YERKES 23781	25.71 -2.91 1.10	24.88 -3.11 5.99	21.06 -2.87 5.82	22.19 -2.80 5.35	23.53 -2.88 5.10	29.18 -3.30 2.71	37.29 -5.30 8.85	56.51 -7.50 10.87	36.75 -4.85 8.46	34.32 -3.56 6.44	31.63 -2.93 5.91	23.63 -2.23 4.99	22.99 -2.16 4.92	17.55 -1.84 4.28	12.63 -1.30 3.72	16.45 -1.87 4.17	18.47 -2.02 4.47	30.56 -2.97 2.19	41.34 -3.89 0.00	85.58 -7.90 0.00	48.89 -4.77 0.00	35.04 -3.03 0.00	35.06 -2.21 0.00	34.84 -1.96 0.00
INDIAN POINT_GT_1 24139	30.73 1.02 0.00	35.11 1.13 0.00	30.79 1.04 0.00	31.38 1.05 0.00	32.64 1.13 0.00	36.44 1.24 0.00	53.57 2.12 0.00	78.03 3.14 0.00	52.21 2.16 0.00	46.21 1.89 0.00	42.02 1.55 0.00	32.09 1.25 0.00	31.31 1.25 0.00	24.71 1.03 0.00	18.40 0.76 0.00	23.49 1.00 0.00	26.18 1.22 0.00	37.29 1.58 0.00	47.00 1.77 0.00	96.89 3.41 0.00	55.65 1.99 0.00	39.38 1.31 0.00	38.36 1.10 0.00	37.78 0.98 0.00
INDIAN POINT_GT_2 23659	30.73 1.02 0.00	35.11 1.13 0.00	30.79 1.04 0.00	31.38 1.05 0.00	32.64 1.13 0.00	36.44 1.24 0.00	53.57 2.12 0.00	78.03 3.14 0.00	52.21 2.16 0.00	46.21 1.89 0.00	42.02 1.55 0.00	32.09 1.25 0.00	31.31 1.25 0.00	24.71 1.03 0.00	18.40 0.76 0.00	23.49 1.00 0.00	26.18 1.22 0.00	37.29 1.58 0.00	47.00 1.77 0.00	96.89 3.41 0.00	55.65 1.99 0.00	39.38 1.31 0.00	38.36 1.10 0.00	37.78 0.98 0.00
INDIAN POINT_GT_3 24019	30.73 1.02 0.00	35.11 1.13 0.00	30.79 1.04 0.00	31.38 1.05 0.00	32.64 1.13 0.00	36.44 1.24 0.00	53.57 2.12 0.00	78.03 3.14 0.00	52.21 2.16 0.00	46.21 1.89 0.00	42.02 1.55 0.00	32.09 1.25 0.00	31.31 1.25 0.00	24.71 1.03 0.00	18.40 0.76 0.00	23.49 1.00 0.00	26.18 1.22 0.00	37.29 1.58 0.00	47.00 1.77 0.00	96.89 3.41 0.00	55.65 1.99 0.00	39.38 1.31 0.00	38.36 1.10 0.00	37.78 0.98 0.00
INDIAN POINT___2 23530	30.57 0.86 0.00	34.93 0.95 0.00	30.63 0.88 0.00	31.23 0.90 0.00	32.49 0.97 0.00	36.27 1.08 0.00	53.33 1.88 0.00	77.70 2.81 0.00	51.97 1.91 0.00	45.99 1.66 0.00	41.78 1.31 0.00	31.92 1.07 0.00	31.14 1.08 0.00	24.59 0.91 0.00	18.32 0.68 0.00	23.38 0.89 0.00	26.05 1.09 0.00	37.12 1.41 0.00	46.77 1.55 0.00	96.48 3.01 0.00	55.40 1.74 0.00	39.21 1.15 0.00	38.22 0.95 0.00	37.64 0.83 0.00
INDIAN POINT___3 23531	30.75 1.04 0.00	35.14 1.16 0.00	30.80 1.05 0.00	31.41 1.07 0.00	32.65 1.14 0.00	36.45 1.26 0.00	53.58 2.13 0.00	78.04 3.15 0.00	52.23 2.17 0.00	46.24 1.92 0.00	42.06 1.59 0.00	32.13 1.28 0.00	31.34 1.29 0.00	24.74 1.06 0.00	18.42 0.78 0.00	23.51 1.02 0.00	26.20 1.24 0.00	37.32 1.61 0.00	47.02 1.79 0.00	96.92 3.44 0.00	55.65 1.99 0.00	39.39 1.32 0.00	38.38 1.11 0.00	37.79 0.98 0.00
INGHAM_C_115KV_TB7 356103	30.04 0.32 0.00	34.43 0.45 0.00	30.28 0.53 0.00	31.01 0.68 0.00	32.25 0.74 0.00	36.11 0.91 0.00	52.99 1.54 0.00	77.06 2.18 0.00	51.04 0.98 0.00	44.42 0.10 0.00	40.23 -0.23 0.00	30.48 -0.37 0.00	29.64 -0.41 0.00	23.30 -0.38 0.00	17.33 -0.31 0.00	22.19 -0.31 0.00	24.69 -0.28 0.00	35.63 -0.09 0.00	45.49 0.27 0.00	93.95 0.47 0.00	53.99 0.33 0.00	38.26 0.20 0.00	37.17 -0.10 0.00	36.40 -0.40 0.00
IP CORINTH___1 23988	31.53 1.81 0.00	36.17 2.18 0.00	31.66 1.91 0.00	32.38 2.05 0.00	33.68 2.17 0.00	37.96 2.76 0.00	55.85 4.39 0.00	81.40 6.51 0.00	54.49 4.43 0.00	47.82 3.49 0.00	43.19 2.72 0.00	32.69 1.84 0.00	31.77 1.72 0.00	24.83 1.16 0.00	18.50 0.87 0.00	23.72 1.23 0.00	26.22 1.26 0.00	37.27 1.56 0.00	47.17 1.94 0.00	96.96 3.48 0.00	55.67 2.02 0.00	39.39 1.32 0.00	38.39 1.12 0.00	37.76 0.96 0.00

IP__TICONDEROGA 23804	32.64 2.93 0.00	37.23 3.25 0.00	32.55 2.80 0.00	33.47 3.13 0.00	34.76 3.24 0.00	39.23 4.03 0.00	57.85 6.40 0.00	84.48 9.59 0.00	56.68 6.62 0.00	49.54 5.22 0.00	44.82 4.35 0.00	33.72 2.87 0.00	32.84 2.78 0.00	25.39 1.71 0.00	18.96 1.31 0.00	24.39 1.90 0.00	27.21 2.25 0.00	38.94 3.22 0.00	49.25 4.03 0.00	101.32 7.84 0.00	58.40 4.75 0.00	41.20 3.13 0.00	40.06 2.79 0.00	39.16 2.36 0.00
ISLIP_RES_REC 323679	31.83 2.11 0.00	36.33 2.35 0.00	31.85 2.10 0.00	32.60 2.26 0.00	33.76 2.41 0.17	37.24 2.56 0.51	55.13 3.68 0.00	79.89 4.57 -0.44	53.53 3.47 0.00	47.82 3.50 0.00	43.16 2.69 0.00	32.92 2.08 0.00	32.04 1.98 0.00	25.20 1.53 0.00	18.74 1.10 0.00	23.95 1.46 0.00	26.81 1.85 0.00	38.31 2.60 0.00	48.38 3.16 0.00	98.97 5.49 0.00	57.03 3.37 0.00	40.71 2.64 0.00	39.48 2.21 0.00	38.85 2.05 0.00
JAMAICA__27_KV_LOAD 355505	31.17 1.46 0.00	35.64 1.66 0.00	31.24 1.49 0.00	31.80 1.47 0.00	33.04 1.52 0.00	36.83 1.63 0.00	54.20 2.75 0.00	79.07 4.18 0.00	52.85 2.79 0.00	46.92 2.59 0.00	42.80 2.34 0.00	32.80 1.95 0.00	31.99 1.94 0.00	25.26 1.59 0.00	18.80 1.16 0.00	23.97 1.47 0.00	26.70 1.74 0.00	37.92 2.21 0.00	47.62 2.40 0.00	98.02 4.54 0.00	56.34 2.68 0.00	39.87 1.80 0.00	38.95 1.68 0.00	38.28 1.48 0.00
JANIS__SOLAR 323808	30.09 0.03 -0.35	35.95 0.12 -1.85	31.56 0.09 -1.71	32.17 0.19 -1.64	33.38 0.27 -1.60	36.49 0.44 -0.85	55.35 1.13 -2.77	79.77 1.49 -3.39	52.91 0.20 -2.64	45.66 -0.68 -2.01	41.37 -0.95 -1.85	31.38 -1.03 -1.56	30.49 -1.10 -1.53	24.04 -0.88 -1.24	18.08 -0.64 -1.08	23.01 -0.70 -1.21	25.55 -0.72 -1.30	35.87 -0.48 -0.63	45.23 0.01 0.00	93.83 0.35 0.00	54.09 0.43 0.00	38.29 0.22 0.00	37.53 0.26 0.00	36.98 0.18 0.00
JARVIS____ 23743	29.85 0.14 0.00	34.15 0.17 0.00	29.92 0.17 0.00	30.50 0.17 0.00	31.68 0.16 0.00	35.40 0.20 0.00	51.81 0.36 0.00	75.40 0.52 0.00	50.37 0.31 0.00	44.54 0.21 0.00	40.62 0.15 0.00	30.94 0.09 0.00	30.15 0.09 0.00	23.75 0.08 0.00	17.68 0.04 0.00	22.57 0.08 0.00	25.06 0.09 0.00	35.85 0.14 0.00	45.41 0.18 0.00	93.77 0.30 0.00	53.85 0.19 0.00	38.21 0.14 0.00	37.34 0.08 0.00	36.87 0.06 0.00
JENNISON__1 23625	29.20 -0.51 0.00	33.58 -0.40 0.00	29.35 -0.40 0.00	30.18 -0.15 0.00	31.32 -0.19 0.00	35.20 0.01 0.00	51.99 0.54 0.00	75.42 0.54 0.00	49.67 -0.39 0.00	43.84 -0.48 0.00	40.03 -0.43 0.00	30.12 -0.73 0.00	29.16 -0.89 0.00	23.04 -0.63 0.00	17.13 -0.51 0.00	21.89 -0.60 0.00	24.37 -0.59 0.00	35.42 -0.29 0.00	45.30 0.07 0.00	92.06 -1.42 0.00	53.34 -0.31 0.00	37.66 -0.41 0.00	36.89 -0.38 0.00	36.40 -0.40 0.00
JENNISON__2 23626	29.20 -0.51 0.00	33.58 -0.40 0.00	29.35 -0.40 0.00	30.18 -0.15 0.00	31.32 -0.19 0.00	35.20 0.01 0.00	51.99 0.54 0.00	75.42 0.54 0.00	49.67 -0.39 0.00	43.84 -0.48 0.00	40.03 -0.43 0.00	30.12 -0.73 0.00	29.16 -0.89 0.00	23.04 -0.63 0.00	17.13 -0.51 0.00	21.89 -0.60 0.00	24.37 -0.59 0.00	35.42 -0.29 0.00	45.30 0.07 0.00	92.06 -1.42 0.00	53.34 -0.31 0.00	37.66 -0.41 0.00	36.89 -0.38 0.00	36.40 -0.40 0.00
JERICHO_RISE_WT_PWR 323719	29.99 0.27 0.00	33.98 0.00 0.00	29.53 -0.22 0.00	29.96 -0.37 0.00	31.11 -0.41 0.00	34.84 -0.36 0.00	50.76 -0.70 0.00	73.79 -1.10 0.00	49.39 -0.67 0.00	43.71 -0.62 0.00	39.78 -0.68 0.00	30.32 -0.53 0.00	29.48 -0.58 0.00	23.35 -0.55 -0.22	17.26 -0.38 0.00	22.06 -0.43 0.00	24.49 -0.48 0.00	35.24 -0.47 0.00	45.12 -0.10 0.00	94.43 0.95 0.00	54.22 0.56 0.00	38.26 0.19 0.00	37.53 0.26 0.00	36.99 0.19 0.00
KATONAH__115KV_46KV_TB4 355592	31.06 1.35 0.00	35.49 1.51 0.00	31.11 1.36 0.00	31.72 1.39 0.00	32.99 1.48 0.00	36.86 1.66 0.00	54.22 2.77 0.00	78.99 4.10 0.00	52.86 2.80 0.00	46.77 2.44 0.00	42.51 2.05 0.00	32.48 1.63 0.00	31.67 1.61 0.00	24.97 1.30 0.00	18.58 0.95 0.00	23.73 1.24 0.00	26.44 1.48 0.00	37.71 2.00 0.00	47.54 2.31 0.00	98.02 4.54 0.00	56.26 2.61 0.00	39.81 1.74 0.00	38.77 1.49 0.00	38.14 1.34 0.00
KCE_NY_1 323755	31.21 1.50 0.00	35.74 1.76 0.00	31.29 1.54 0.00	31.98 1.64 0.00	33.26 1.74 0.00	37.26 2.07 0.00	54.58 3.12 0.00	79.42 4.54 0.00	53.03 2.97 0.00	46.67 2.34 0.00	42.35 1.88 0.00	32.14 1.30 0.00	31.28 1.23 0.00	24.56 0.89 0.00	18.27 0.63 0.00	23.39 0.90 0.00	26.05 1.08 0.00	37.37 1.65 0.00	47.36 2.13 0.00	97.67 4.19 0.00	56.05 2.39 0.00	39.67 1.61 0.00	38.67 1.40 0.00	38.09 1.29 0.00
KCE_NY_6_ESR 323823	26.26 -2.54 0.90	26.35 -2.72 4.91	22.48 -2.52 4.75	23.52 -2.43 4.38	24.85 -2.48 4.18	30.13 -2.85 2.23	39.63 -4.56 7.26	59.51 -6.43 8.95	38.85 -4.25 6.97	36.05 -2.99 5.29	33.19 -2.42 4.85	24.92 -1.83 4.10	24.22 -1.80 4.03	18.63 -1.53 3.51	13.53 -1.06 3.05	17.51 -1.55 3.42	19.67 -1.62 3.67	31.53 -2.38 1.80	42.03 -3.20 0.00	86.95 -6.53 0.00	49.66 -3.99 0.00	35.63 -2.43 0.00	35.65 -1.62 0.00	35.37 -1.43 0.00
KEDC_PORT_JEFF_GT2 24210	31.71 1.99 0.00	36.20 2.22 0.00	31.73 1.98 0.00	32.47 2.13 0.00	34.15 2.26 -0.38	38.72 2.39 -1.13	54.86 3.40 0.00	78.09 4.18 0.98	53.28 3.22 0.00	47.59 3.27 0.00	42.99 2.53 0.00	32.80 1.95 0.00	31.93 1.87 0.00	25.13 1.46 0.00	18.68 1.04 0.00	23.86 1.37 0.00	26.71 1.75 0.00	38.15 2.43 0.00	48.14 2.92 0.00	98.49 5.01 0.00	56.76 3.10 0.00	40.52 2.45 0.00	39.30 2.03 0.00	38.69 1.89 0.00
KEDC_PORT_JEFF_GT3 24211	31.71 1.99 0.00	36.20 2.22 0.00	31.73 1.98 0.00	32.47 2.13 0.00	34.15 2.26 -0.38	38.72 2.39 -1.13	54.86 3.40 0.00	78.09 4.18 0.98	53.28 3.22 0.00	47.59 3.27 0.00	42.99 2.53 0.00	32.80 1.95 0.00	31.93 1.87 0.00	25.13 1.46 0.00	18.68 1.04 0.00	23.86 1.37 0.00	26.71 1.75 0.00	38.15 2.43 0.00	48.14 2.92 0.00	98.49 5.01 0.00	56.76 3.10 0.00	40.52 2.45 0.00	39.30 2.03 0.00	38.69 1.89 0.00
KEDC_GLWD_GT4 24219	31.44 1.72 0.00	35.90 1.92 0.00	31.45 1.70 0.00	32.12 1.78 0.00	33.39 1.87 0.00	37.22 2.02 0.00	54.66 3.21 0.00	79.18 4.29 0.00	53.21 3.15 0.00	47.28 2.96 0.00	42.92 2.46 0.00	32.79 1.94 0.00	31.97 1.91 0.00	25.20 1.53 0.00	18.75 1.11 0.00	23.95 1.45 0.00	26.73 1.76 0.00	38.10 2.39 0.00	47.98 2.76 0.00	98.59 5.11 0.00	56.70 3.05 0.00	40.25 2.18 0.00	39.14 1.87 0.00	38.49 1.69 0.00
KEDC_GLWD_GT5 24220	31.44 1.72 0.00	35.90 1.92 0.00	31.45 1.70 0.00	32.12 1.78 0.00	33.39 1.87 0.00	37.22 2.02 0.00	54.66 3.21 0.00	79.18 4.29 0.00	53.21 3.15 0.00	47.28 2.96 0.00	42.92 2.46 0.00	32.79 1.94 0.00	31.97 1.91 0.00	25.20 1.53 0.00	18.75 1.11 0.00	23.95 1.45 0.00	26.73 1.76 0.00	38.10 2.39 0.00	47.98 2.76 0.00	98.59 5.11 0.00	56.70 3.05 0.00	40.25 2.18 0.00	39.14 1.87 0.00	38.49 1.69 0.00

KENSICO____ 23655	30.93 1.22 0.00	35.34 1.35 0.00	30.97 1.22 0.00	31.58 1.25 0.00	32.83 1.31 0.00	36.63 1.43 0.00	53.86 2.41 0.00	78.43 3.54 0.00	52.52 2.46 0.00	46.51 2.19 0.00	42.33 1.87 0.00	32.36 1.51 0.00	31.57 1.52 0.00	24.90 1.23 0.00	18.53 0.89 0.00	23.66 1.17 0.00	26.37 1.40 0.00	37.56 1.84 0.00	47.29 2.07 0.00	97.41 3.93 0.00	55.95 2.29 0.00	39.61 1.54 0.00	38.57 1.31 0.00	37.97 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.08 1.37 0.00	35.51 1.52 0.00	31.12 1.37 0.00	31.75 1.42 0.00	33.03 1.51 0.00	36.92 1.72 0.00	54.34 2.88 0.00	79.18 4.29 0.00	52.84 2.78 0.00	46.58 2.26 0.00	42.26 1.80 0.00	32.14 1.30 0.00	31.31 1.26 0.00	24.68 1.00 0.00	18.37 0.73 0.00	23.45 0.96 0.00	26.17 1.21 0.00	37.46 1.75 0.00	47.44 2.21 0.00	98.09 4.61 0.00	56.31 2.66 0.00	39.86 1.80 0.00	38.82 1.55 0.00	38.19 1.39 0.00
KIAC_JFK_GT1 23816	30.99 1.28 0.00	35.45 1.46 0.00	31.07 1.32 0.00	31.63 1.29 0.00	32.83 1.31 0.00	36.48 1.28 0.00	53.68 2.23 0.00	78.27 3.39 0.00	52.35 2.29 0.00	46.65 2.33 0.00	42.57 2.11 0.00	32.63 1.79 0.00	31.84 1.78 0.00	25.14 1.46 0.00	18.70 1.06 0.00	23.85 1.35 0.00	26.56 1.60 0.00	37.68 1.96 0.00	47.17 1.94 0.00	97.08 3.60 0.00	55.80 2.14 0.00	39.49 1.42 0.00	38.71 1.44 0.00	38.06 1.26 0.00
KIAC_JFK_GT2 23817	30.99 1.28 0.00	35.45 1.46 0.00	31.07 1.32 0.00	31.63 1.29 0.00	32.83 1.31 0.00	36.48 1.28 0.00	53.68 2.23 0.00	78.27 3.39 0.00	52.35 2.29 0.00	46.65 2.33 0.00	42.57 2.11 0.00	32.63 1.79 0.00	31.84 1.78 0.00	25.14 1.46 0.00	18.70 1.06 0.00	23.85 1.35 0.00	26.56 1.60 0.00	37.68 1.96 0.00	47.17 1.94 0.00	97.08 3.60 0.00	55.80 2.14 0.00	39.49 1.42 0.00	38.71 1.44 0.00	38.06 1.26 0.00
KIAC_JFK____ 323774	30.99 1.28 0.00	35.43 1.45 0.00	31.06 1.31 0.00	31.62 1.29 0.00	32.80 1.28 0.00	36.47 1.27 0.00	53.67 2.22 0.00	78.26 3.37 0.00	52.34 2.28 0.00	46.64 2.32 0.00	42.56 2.10 0.00	32.63 1.78 0.00	31.83 1.77 0.00	25.14 1.47 0.00	18.71 1.06 0.00	23.84 1.35 0.00	26.56 1.60 0.00	37.67 1.96 0.00	47.17 1.95 0.00	97.08 3.60 0.00	55.79 2.13 0.00	39.50 1.43 0.00	38.72 1.45 0.00	38.06 1.26 0.00
KINTIGH____ 23543	26.10 -2.78 0.83	26.53 -3.00 4.45	22.80 -2.74 4.21	23.70 -2.68 3.96	24.93 -2.77 3.81	29.94 -3.23 2.03	39.75 -5.08 6.62	59.62 -7.15 8.12	39.03 -4.71 6.32	35.91 -3.60 4.82	33.10 -2.94 4.42	24.93 -2.19 3.74	24.26 -2.12 3.67	18.73 -1.76 3.18	13.64 -1.24 2.76	17.60 -1.79 3.10	19.66 -1.98 3.32	31.13 -2.96 1.62	41.34 -3.88 0.00	85.51 -7.97 0.00	48.84 -4.82 0.00	34.96 -3.11 0.00	34.80 -2.47 0.00	34.59 -2.21 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.58 0.86 0.00	34.50 0.52 0.00	29.78 0.03 0.00	30.07 -0.26 0.00	31.27 -0.24 0.00	35.10 -0.10 0.00	51.11 -0.33 0.00	74.19 -0.69 0.00	49.67 -0.39 0.00	43.91 -0.41 0.00	39.87 -0.60 0.00	30.43 -0.42 0.00	29.43 -0.62 0.00	24.92 -1.76 -1.92	17.12 -0.52 0.00	21.99 -0.50 0.00	24.46 -0.50 0.00	35.27 -0.44 0.00	45.41 0.19 0.00	95.57 2.09 0.00	55.02 1.36 0.00	38.63 0.56 0.00	37.91 0.64 0.00	37.14 0.34 0.00
LACHUTE____HYDRO 323717	32.64 2.92 0.00	37.23 3.25 0.00	32.55 2.80 0.00	33.47 3.13 0.00	34.76 3.24 0.00	39.23 4.03 0.00	57.85 6.40 0.00	84.48 9.59 0.00	56.68 6.62 0.00	49.54 5.22 0.00	44.81 4.35 0.00	33.72 2.87 0.00	32.84 2.78 0.00	25.38 1.71 0.00	18.96 1.31 0.00	24.39 1.90 0.00	27.21 2.24 0.00	38.94 3.22 0.00	49.25 4.03 0.00	101.31 7.84 0.00	58.40 4.74 0.00	41.20 3.13 0.00	40.06 2.79 0.00	39.16 2.37 0.00
LAWRNCV_115KV_TB1 80681	29.96 0.24 0.00	34.17 0.19 0.00	29.85 0.09 0.00	30.34 0.00 0.00	31.47 -0.05 0.00	35.19 -0.01 0.00	51.36 -0.09 0.00	74.81 -0.08 0.00	50.01 -0.05 0.00	44.13 -0.19 0.00	40.10 -0.37 0.00	30.44 -0.41 0.00	29.64 -0.41 0.00	23.30 -0.37 0.00	17.40 -0.24 0.00	22.19 -0.30 0.00	24.80 -0.17 0.00	35.68 -0.03 0.00	45.55 0.32 0.00	94.97 1.49 0.00	54.45 0.79 0.00	38.57 0.50 0.00	37.86 0.59 0.00	37.50 0.70 0.00
LEDERLE____ 23769	30.76 1.04 0.00	35.14 1.16 0.00	30.80 1.05 0.00	31.41 1.07 0.00	32.68 1.16 0.00	36.49 1.29 0.00	53.67 2.22 0.00	78.23 3.34 0.00	52.32 2.26 0.00	46.30 1.97 0.00	42.07 1.61 0.00	32.14 1.29 0.00	31.35 1.29 0.00	24.75 1.08 0.00	18.45 0.80 0.00	23.55 1.05 0.00	26.25 1.28 0.00	37.39 1.68 0.00	47.12 1.90 0.00	97.19 3.71 0.00	55.80 2.14 0.00	39.47 1.40 0.00	38.47 1.20 0.00	37.86 1.06 0.00
LIGHTRSE_115KV_TB6 355974	28.70 -1.02 0.00	32.96 -1.02 0.00	28.81 -0.94 0.00	29.40 -0.94 0.00	30.48 -1.04 0.00	33.96 -1.23 0.00	49.67 -1.78 0.00	72.51 -2.38 0.00	48.22 -1.84 0.00	42.36 -1.97 0.00	38.63 -1.83 0.00	29.37 -1.48 0.00	28.63 -1.43 0.00	22.54 -1.13 0.00	16.80 -0.84 0.00	21.38 -1.12 0.00	23.72 -1.25 0.00	34.26 -1.45 0.00	43.63 -1.59 0.00	90.53 -2.95 0.00	51.90 -1.75 0.00	36.86 -1.21 0.00	36.12 -1.15 0.00	35.97 -0.83 0.00
LINDEN COGEN____ 23786	30.87 1.16 0.00	35.21 1.23 0.00	30.89 1.14 0.00	31.47 1.13 0.00	32.68 1.17 0.00	36.48 1.28 0.00	53.73 2.27 0.00	78.27 3.38 0.00	52.41 2.35 0.00	46.40 2.07 0.00	42.25 1.78 0.00	32.34 1.50 0.00	31.59 1.53 0.00	24.96 1.29 0.00	18.58 0.94 0.00	23.69 1.20 0.00	26.39 1.42 0.00	37.53 1.82 0.00	47.20 1.97 0.00	97.13 3.65 0.00	55.80 2.14 0.00	39.50 1.43 0.00	38.48 1.21 0.00	37.87 1.07 0.00
LINDHRST_69_KV_BK1 356055	31.70 1.98 0.00	36.20 2.22 0.00	31.72 1.97 0.00	32.42 2.09 0.00	33.72 2.20 0.00	37.56 2.36 0.00	55.06 3.60 0.00	79.54 4.65 0.00	53.52 3.47 0.00	47.61 3.29 0.00	43.10 2.64 0.00	32.90 2.05 0.00	32.05 1.99 0.00	25.24 1.56 0.00	18.76 1.12 0.00	23.97 1.48 0.00	26.82 1.85 0.00	38.28 2.57 0.00	48.26 3.04 0.00	99.12 5.64 0.00	57.08 3.42 0.00	40.60 2.53 0.00	39.39 2.12 0.00	38.75 1.95 0.00
LIPA_MISC_IPP 23656	31.69 1.98 0.00	36.19 2.20 0.00	31.75 1.99 0.00	32.50 2.17 0.00	39.24 2.32 -5.40	53.83 2.43 -16.21	54.67 3.21 0.00	64.50 3.68 14.07	52.99 2.93 0.00	47.52 3.19 0.00	42.88 2.42 0.00	32.71 1.86 0.00	31.82 1.76 0.00	25.01 1.34 0.00	18.59 0.95 0.00	23.76 1.26 0.00	26.60 1.64 0.00	38.02 2.30 0.00	47.98 2.76 0.00	97.76 4.28 0.00	56.35 2.70 0.00	40.38 2.31 0.00	39.15 1.88 0.00	38.62 1.82 0.00
LISF____SOLAR 323691	31.75 2.03 0.00	36.25 2.27 0.00	31.79 2.04 0.00	32.55 2.22 0.00	39.92 2.36 -6.05	55.82 2.49 -18.14	54.74 3.29 0.00	62.92 3.78 15.75	53.05 2.99 0.00	47.56 3.24 0.00	42.88 2.42 0.00	32.71 1.86 0.00	31.81 1.76 0.00	25.02 1.34 0.00	18.59 0.95 0.00	23.76 1.27 0.00	26.62 1.65 0.00	38.07 2.35 0.00	48.08 2.86 0.00	97.96 4.48 0.00	56.46 2.80 0.00	40.47 2.40 0.00	39.23 1.96 0.00	38.68 1.88 0.00

LITTLE FALLS___HYD 24013	30.04 0.32 0.00	34.43 0.45 0.00	30.28 0.53 0.00	31.01 0.68 0.00	32.25 0.74 0.00	36.11 0.91 0.00	52.99 1.54 0.00	77.06 2.18 0.00	51.04 0.98 0.00	44.42 0.10 0.00	40.23 -0.23 0.00	30.48 -0.37 0.00	29.64 -0.41 0.00	23.30 -0.38 0.00	17.33 -0.31 0.00	22.19 -0.31 0.00	24.69 -0.28 0.00	35.63 -0.09 0.00	45.49 0.27 0.00	93.95 0.47 0.00	53.99 0.33 0.00	38.26 0.20 0.00	37.17 -0.10 0.00	36.40 -0.40 0.00
LITTLRIV_115KV_TB1 356100	30.41 0.69 0.00	34.68 0.70 0.00	30.28 0.54 0.00	30.79 0.45 0.00	31.94 0.42 0.00	35.73 0.53 0.00	52.21 0.76 0.00	76.13 1.25 0.00	50.79 0.73 0.00	44.56 0.24 0.00	40.37 -0.09 0.00	30.59 -0.26 0.00	29.78 -0.27 0.00	23.42 -0.25 0.00	17.51 -0.13 0.00	22.32 -0.18 0.00	25.13 0.17 0.00	36.20 0.49 0.00	46.27 1.05 0.00	96.84 3.36 0.00	55.49 1.83 0.00	39.28 1.22 0.00	38.55 1.28 0.00	38.18 1.38 0.00
LI_NEWBRDGE___DRP 323616	31.23 1.52 0.00	35.68 1.70 0.00	31.27 1.52 0.00	31.95 1.61 0.00	33.21 1.69 0.00	36.99 1.79 0.00	54.23 2.78 0.00	78.49 3.60 0.00	52.76 2.70 0.00	46.93 2.60 0.00	42.59 2.13 0.00	32.53 1.69 0.00	31.72 1.67 0.00	24.99 1.32 0.00	18.59 0.95 0.00	23.74 1.25 0.00	26.50 1.54 0.00	37.76 2.05 0.00	47.54 2.32 0.00	97.64 4.15 0.00	56.20 2.54 0.00	39.92 1.86 0.00	38.82 1.55 0.00	38.20 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.24 -3.24 1.23	23.71 -3.55 6.73	19.86 -3.26 6.63	21.13 -3.19 6.02	22.53 -3.28 5.70	28.44 -3.72 3.03	35.60 -5.96 9.90	54.32 -8.43 12.14	35.12 -5.50 9.45	32.88 -4.24 7.20	30.26 -3.59 6.61	22.54 -2.72 5.58	21.92 -2.64 5.49	16.70 -2.19 4.78	11.94 -1.55 4.15	15.60 -2.23 4.66	17.55 -2.42 4.99	29.76 -3.51 2.44	40.75 -4.47 0.00	84.45 -9.03 0.00	48.25 -5.41 0.00	34.63 -3.43 0.00	34.66 -2.61 0.00	34.43 -2.37 0.00
LOCKPORT___CC1 323769	24.99 -3.25 1.48	22.47 -3.50 8.01	18.73 -3.23 7.80	20.02 -3.16 7.15	21.47 -3.23 6.82	27.86 -3.71 3.63	33.75 -5.88 11.83	51.98 -8.41 14.50	33.32 -5.45 11.29	31.52 -4.20 8.61	29.03 -3.53 7.90	21.47 -2.70 6.67	20.86 -2.62 6.57	15.74 -2.21 5.72	11.11 -1.57 4.97	14.70 -2.21 5.58	16.59 -2.40 5.98	29.27 -3.52 2.92	40.71 -4.51 0.00	84.38 -9.10 0.00	48.23 -5.43 0.00	34.57 -3.50 0.00	34.61 -2.66 0.00	34.41 -2.39 0.00
LOCKPORT___CC2 323770	24.99 -3.25 1.48	22.47 -3.50 8.01	18.73 -3.23 7.80	20.02 -3.16 7.15	21.47 -3.23 6.82	27.86 -3.71 3.63	33.75 -5.88 11.83	51.98 -8.41 14.50	33.32 -5.45 11.29	31.52 -4.20 8.61	29.03 -3.53 7.90	21.47 -2.70 6.67	20.86 -2.62 6.57	15.74 -2.21 5.72	11.11 -1.57 4.97	14.70 -2.21 5.58	16.59 -2.40 5.98	29.27 -3.52 2.92	40.71 -4.51 0.00	84.38 -9.10 0.00	48.23 -5.43 0.00	34.57 -3.50 0.00	34.61 -2.66 0.00	34.41 -2.39 0.00
LOCKPORT___CC3 323771	24.99 -3.25 1.48	22.47 -3.50 8.01	18.73 -3.23 7.80	20.02 -3.16 7.15	21.47 -3.23 6.82	27.86 -3.71 3.63	33.75 -5.88 11.83	51.98 -8.41 14.50	33.32 -5.45 11.29	31.52 -4.20 8.61	29.03 -3.53 7.90	21.47 -2.70 6.67	20.86 -2.62 6.57	15.74 -2.21 5.72	11.11 -1.57 4.97	14.70 -2.21 5.58	16.59 -2.40 5.98	29.27 -3.52 2.92	40.71 -4.51 0.00	84.38 -9.10 0.00	48.23 -5.43 0.00	34.57 -3.50 0.00	34.61 -2.66 0.00	34.41 -2.39 0.00
LONG_LAKE_PHOENIX 24014	28.57 -1.14 0.00	32.73 -1.25 0.00	28.66 -1.10 0.00	29.24 -1.09 0.00	30.41 -1.11 0.00	33.92 -1.27 0.00	49.58 -1.87 0.00	72.27 -2.62 0.00	48.17 -1.89 0.00	42.62 -1.70 0.00	39.03 -1.44 0.00	29.74 -1.11 0.00	28.98 -1.07 0.00	22.83 -0.84 0.00	17.02 -0.62 0.00	21.67 -0.83 0.00	24.00 -0.97 0.00	34.37 -1.34 0.00	43.59 -1.64 0.00	90.07 -3.41 0.00	51.62 -2.04 0.00	36.66 -1.40 0.00	35.92 -1.35 0.00	35.53 -1.28 0.00
LOVETT___3 23632	30.67 0.96 0.00	35.04 1.06 0.00	30.73 0.98 0.00	31.32 0.99 0.00	32.58 1.07 0.00	36.37 1.17 0.00	53.47 2.02 0.00	77.88 3.00 0.00	52.12 2.06 0.00	46.13 1.81 0.00	41.94 1.48 0.00	32.04 1.19 0.00	31.26 1.21 0.00	24.68 1.01 0.00	18.38 0.74 0.00	23.46 0.97 0.00	26.14 1.18 0.00	37.24 1.52 0.00	46.91 1.68 0.00	96.70 3.22 0.00	55.54 1.88 0.00	39.30 1.24 0.00	38.30 1.03 0.00	37.71 0.91 0.00
LOVETT___4 23642	30.67 0.96 0.00	35.04 1.06 0.00	30.73 0.98 0.00	31.32 0.99 0.00	32.58 1.07 0.00	36.37 1.17 0.00	53.47 2.02 0.00	77.88 3.00 0.00	52.12 2.06 0.00	46.13 1.81 0.00	41.94 1.48 0.00	32.04 1.19 0.00	31.26 1.21 0.00	24.68 1.01 0.00	18.38 0.74 0.00	23.46 0.97 0.00	26.14 1.18 0.00	37.24 1.52 0.00	46.91 1.68 0.00	96.70 3.22 0.00	55.54 1.88 0.00	39.30 1.24 0.00	38.30 1.03 0.00	37.71 0.91 0.00
LOVETT___5 23593	30.67 0.96 0.00	35.04 1.06 0.00	30.73 0.98 0.00	31.32 0.99 0.00	32.58 1.07 0.00	36.37 1.17 0.00	53.47 2.02 0.00	77.88 3.00 0.00	52.12 2.06 0.00	46.13 1.81 0.00	41.94 1.48 0.00	32.04 1.19 0.00	31.26 1.21 0.00	24.68 1.01 0.00	18.38 0.74 0.00	23.46 0.97 0.00	26.14 1.18 0.00	37.24 1.52 0.00	46.91 1.68 0.00	96.70 3.22 0.00	55.54 1.88 0.00	39.30 1.24 0.00	38.30 1.03 0.00	37.71 0.91 0.00
LOWER RAQUET___HYD 24057	29.89 0.18 0.00	34.10 0.12 0.00	29.77 0.02 0.00	30.27 -0.07 0.00	31.37 -0.14 0.00	35.09 -0.11 0.00	51.24 -0.21 0.00	74.65 -0.24 0.00	49.89 -0.17 0.00	43.98 -0.35 0.00	39.92 -0.55 0.00	30.28 -0.56 0.00	29.49 -0.56 0.00	23.18 -0.49 0.00	17.31 -0.33 0.00	22.08 -0.41 0.00	24.70 -0.27 0.00	35.57 -0.15 0.00	45.44 0.22 0.00	94.84 1.36 0.00	54.37 0.71 0.00	38.50 0.43 0.00	37.79 0.52 0.00	37.45 0.65 0.00
LOWER___HUDSON 24059	30.85 1.14 0.00	35.29 1.30 0.00	30.92 1.17 0.00	31.55 1.22 0.00	32.80 1.29 0.00	36.71 1.51 0.00	53.66 2.21 0.00	78.01 3.13 0.00	52.23 2.17 0.00	46.21 1.88 0.00	42.02 1.56 0.00	31.92 1.08 0.00	31.08 1.03 0.00	24.39 0.72 0.00	18.12 0.48 0.00	23.21 0.72 0.00	25.85 0.88 0.00	36.99 1.28 0.00	46.78 1.55 0.00	96.34 2.87 0.00	55.41 1.75 0.00	39.28 1.21 0.00	38.32 1.05 0.00	37.70 0.90 0.00
LOWVILLE_115KV_TB2 356335	29.20 -0.52 0.00	33.70 -0.28 0.00	29.51 -0.24 0.00	30.01 -0.32 0.00	30.87 -0.65 0.00	34.45 -0.75 0.00	50.57 -0.88 0.00	73.88 -1.00 0.00	49.12 -0.93 0.00	42.79 -1.54 0.00	38.67 -1.80 0.00	29.23 -1.62 0.00	28.46 -1.59 0.00	22.41 -1.27 0.00	16.68 -0.96 0.00	21.36 -1.14 0.00	23.80 -1.16 0.00	34.55 -1.16 0.00	44.46 -0.76 0.00	92.72 -0.76 0.00	53.14 -0.52 0.00	37.72 -0.35 0.00	37.02 -0.25 0.00	37.13 0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.21 1.50 0.00	35.74 1.76 0.00	31.29 1.55 0.00	31.98 1.64 0.00	33.26 1.74 0.00	37.25 2.05 0.00	54.54 3.09 0.00	79.35 4.46 0.00	52.98 2.92 0.00	46.67 2.34 0.00	42.34 1.88 0.00	32.15 1.31 0.00	31.28 1.23 0.00	24.56 0.88 0.00	18.27 0.63 0.00	23.39 0.90 0.00	26.04 1.08 0.00	37.34 1.62 0.00	47.31 2.09 0.00	97.52 4.04 0.00	56.01 2.35 0.00	39.66 1.59 0.00	38.67 1.40 0.00	38.07 1.27 0.00

LUTHERNY_35_KV_BK2 355980	31.21 1.50 0.00	35.74 1.76 0.00	31.29 1.54 0.00	31.98 1.65 0.00	33.26 1.74 0.00	37.27 2.07 0.00	54.58 3.13 0.00	79.42 4.54 0.00	53.03 2.97 0.00	46.67 2.35 0.00	42.35 1.88 0.00	32.14 1.30 0.00	31.28 1.23 0.00	24.56 0.89 0.00	18.27 0.63 0.00	23.39 0.90 0.00	26.05 1.09 0.00	37.36 1.65 0.00	47.36 2.13 0.00	97.67 4.19 0.00	56.05 2.39 0.00	39.67 1.60 0.00	38.67 1.40 0.00	38.09 1.29 0.00
LWR___OSWEGATCHIE_HYD 23850	29.39 -0.32 0.00	33.71 -0.27 0.00	29.46 -0.28 0.00	29.97 -0.36 0.00	30.95 -0.57 0.00	34.59 -0.60 0.00	50.64 -0.81 0.00	73.92 -0.97 0.00	49.24 -0.82 0.00	43.10 -1.23 0.00	39.02 -1.44 0.00	29.52 -1.32 0.00	28.75 -1.30 0.00	22.62 -1.05 0.00	16.87 -0.77 0.00	21.55 -0.94 0.00	24.08 -0.88 0.00	34.89 -0.83 0.00	44.73 -0.49 0.00	93.40 -0.08 0.00	53.54 -0.12 0.00	37.94 -0.13 0.00	37.23 -0.04 0.00	37.13 0.32 0.00
LYONS_FALL_HYD 23570	29.60 -0.11 0.00	34.05 0.06 0.00	29.82 0.07 0.00	30.37 0.03 0.00	31.36 -0.16 0.00	35.03 -0.16 0.00	51.44 -0.01 0.00	75.10 0.21 0.00	49.96 -0.10 0.00	43.68 -0.64 0.00	39.60 -0.86 0.00	29.98 -0.86 0.00	29.19 -0.86 0.00	23.00 -0.67 0.00	17.12 -0.52 0.00	21.89 -0.61 0.00	24.40 -0.56 0.00	35.25 -0.46 0.00	45.17 -0.06 0.00	93.89 0.42 0.00	53.83 0.17 0.00	38.19 0.12 0.00	37.42 0.15 0.00	37.28 0.48 0.00
MADISON___COUNTY_LFGE 323628	30.02 0.31 0.00	34.38 0.40 0.00	30.10 0.35 0.00	30.70 0.36 0.00	31.89 0.38 0.00	35.70 0.50 0.00	52.48 1.03 0.00	76.58 1.70 0.00	50.92 0.85 0.00	44.63 0.30 0.00	40.55 0.09 0.00	30.80 -0.05 0.00	29.96 -0.10 0.00	23.64 -0.03 0.00	17.61 -0.03 0.00	22.47 -0.03 0.00	25.03 0.07 0.00	35.96 0.25 0.00	45.91 0.69 0.00	95.13 1.65 0.00	54.52 0.87 0.00	38.70 0.63 0.00	37.84 0.57 0.00	37.37 0.57 0.00
MALONE___115KV_TB1 356076	30.30 0.59 0.00	34.38 0.40 0.00	29.92 0.17 0.00	30.36 0.03 0.00	31.51 -0.01 0.00	35.30 0.10 0.00	51.56 0.10 0.00	75.12 0.24 0.00	50.22 0.16 0.00	44.35 0.02 0.00	40.26 -0.20 0.00	30.59 -0.26 0.00	29.74 -0.32 0.00	23.52 -0.33 -0.18	17.42 -0.22 0.00	22.27 -0.22 0.00	24.81 -0.16 0.00	35.75 0.04 0.00	45.79 0.57 0.00	95.82 2.34 0.00	54.99 1.33 0.00	38.83 0.76 0.00	38.07 0.80 0.00	37.54 0.74 0.00
MAPLEWOD_115KV_TB3 80458	30.89 1.18 0.00	35.32 1.34 0.00	30.95 1.20 0.00	31.57 1.24 0.00	32.83 1.31 0.00	36.72 1.52 0.00	53.66 2.21 0.00	78.09 3.20 0.00	52.29 2.23 0.00	46.29 1.97 0.00	42.11 1.65 0.00	32.04 1.20 0.00	31.19 1.14 0.00	24.51 0.84 0.00	18.23 0.58 0.00	23.32 0.82 0.00	25.99 1.02 0.00	37.17 1.46 0.00	46.98 1.76 0.00	96.74 3.27 0.00	55.59 1.93 0.00	39.45 1.38 0.00	38.49 1.22 0.00	37.88 1.08 0.00
MAPLE_RIDGE_WT_1 323574	29.20 -0.51 0.00	33.44 -0.54 0.00	29.31 -0.44 0.00	29.83 -0.51 0.00	30.81 -0.70 0.00	34.39 -0.81 0.00	50.25 -1.20 0.00	73.06 -1.83 0.00	48.92 -1.14 0.00	43.40 -0.93 0.00	39.62 -0.85 0.00	30.14 -0.70 0.00	29.38 -0.67 0.00	23.08 -0.59 0.00	17.20 -0.44 0.00	21.97 -0.53 0.00	24.39 -0.58 0.00	34.98 -0.73 0.00	44.37 -0.85 0.00	92.18 -1.30 0.00	52.96 -0.70 0.00	37.59 -0.48 0.00	36.91 -0.36 0.00	36.75 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	29.20 -0.51 0.00	33.44 -0.54 0.00	29.31 -0.44 0.00	29.83 -0.51 0.00	30.81 -0.70 0.00	34.39 -0.81 0.00	50.25 -1.20 0.00	73.06 -1.83 0.00	48.92 -1.14 0.00	43.40 -0.93 0.00	39.62 -0.85 0.00	30.14 -0.70 0.00	29.38 -0.67 0.00	23.08 -0.59 0.00	17.20 -0.44 0.00	21.97 -0.53 0.00	24.39 -0.58 0.00	34.98 -0.73 0.00	44.37 -0.85 0.00	92.18 -1.30 0.00	52.96 -0.70 0.00	37.59 -0.48 0.00	36.91 -0.36 0.00	36.75 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	30.30 0.59 0.00	33.99 0.01 0.00	29.12 -0.63 0.00	29.24 -1.09 0.00	30.46 -1.06 0.00	34.26 -0.94 0.00	49.74 -1.71 0.00	72.09 -2.80 0.00	48.33 -1.74 0.00	42.70 -1.62 0.00	38.74 -1.72 0.00	29.65 -1.20 0.00	28.61 -1.45 0.00	18.91 -1.34 3.42	16.59 -1.06 0.00	21.37 -1.12 0.00	23.73 -1.24 0.00	34.25 -1.46 0.00	44.39 -0.84 0.00	93.92 0.44 0.00	54.16 0.50 0.00	37.83 -0.23 0.00	37.14 -0.14 0.00	36.23 -0.57 0.00
MARSHVLE_115KV_TB1 80742	30.75 1.04 0.00	35.23 1.25 0.00	30.91 1.16 0.00	31.52 1.19 0.00	32.71 1.19 0.00	36.49 1.29 0.00	53.56 2.11 0.00	78.10 3.21 0.00	51.58 1.52 0.00	44.83 0.50 0.00	40.88 0.42 0.00	31.11 0.27 0.00	30.36 0.31 0.00	23.96 0.28 0.00	17.89 0.25 0.00	22.80 0.31 0.00	25.11 0.15 0.00	36.25 0.54 0.00	46.73 1.51 0.00	97.31 3.83 0.00	55.84 2.18 0.00	39.68 1.61 0.00	38.92 1.65 0.00	38.52 1.72 0.00
MARSH_HILL_WT_PWR 323713	31.41 -3.32 -5.01	57.60 -3.36 -26.97	51.56 -3.22 -25.04	51.04 -3.17 -23.87	51.67 -3.04 -23.20	43.88 -3.66 -12.34	86.50 -5.20 -40.25	116.47 -7.71 -49.29	82.90 -5.53 -38.37	68.62 -4.99 -29.29	62.31 -5.05 -26.90	49.64 -3.92 -22.72	48.62 -3.82 -22.38	40.41 -2.97 -19.72	32.62 -2.13 -17.11	38.91 -2.80 -19.21	42.55 -3.00 -20.59	41.63 -4.15 -10.06	40.17 -5.05 0.00	85.33 -8.15 0.00	48.85 -4.81 0.00	35.32 -2.75 0.00	35.12 -2.15 0.00	34.77 -2.03 0.00
MCINTYRE_115KV_TB2 80467	30.71 0.99 0.00	35.01 1.03 0.00	30.58 0.82 0.00	31.10 0.76 0.00	32.28 0.76 0.00	36.11 0.91 0.00	52.75 1.30 0.00	76.91 2.03 0.00	51.28 1.22 0.00	44.94 0.62 0.00	40.76 0.30 0.00	30.87 0.02 0.00	30.06 0.01 0.00	23.64 -0.03 0.00	17.69 0.04 0.00	22.54 0.05 0.00	25.39 0.42 0.00	36.52 0.81 0.00	46.66 1.44 0.00	97.80 4.32 0.00	56.05 2.39 0.00	39.69 1.62 0.00	38.94 1.67 0.00	38.55 1.75 0.00
MECO_____69_KV_BK1 80468	31.30 1.58 0.00	35.83 1.85 0.00	31.40 1.65 0.00	32.05 1.71 0.00	33.32 1.80 0.00	37.27 2.08 0.00	54.77 3.31 0.00	79.89 5.01 0.00	52.66 2.60 0.00	45.45 1.13 0.00	40.94 0.47 0.00	31.03 0.18 0.00	30.24 0.19 0.00	23.81 0.14 0.00	17.76 0.12 0.00	22.74 0.24 0.00	25.11 0.14 0.00	36.59 0.87 0.00	47.54 2.32 0.00	99.11 5.63 0.00	56.91 3.25 0.00	40.33 2.27 0.00	39.41 2.14 0.00	38.91 2.11 0.00
MENANDS___115KV_TB5 355628	30.83 1.12 0.00	35.25 1.27 0.00	30.89 1.14 0.00	31.51 1.17 0.00	32.76 1.25 0.00	36.65 1.45 0.00	53.53 2.08 0.00	77.86 2.97 0.00	52.16 2.10 0.00	46.23 1.91 0.00	42.08 1.62 0.00	32.03 1.19 0.00	31.19 1.14 0.00	24.51 0.84 0.00	18.23 0.58 0.00	23.32 0.82 0.00	25.95 0.99 0.00	37.13 1.41 0.00	46.86 1.64 0.00	96.47 2.99 0.00	55.46 1.80 0.00	39.34 1.28 0.00	38.40 1.13 0.00	37.79 0.99 0.00
MG INDUSTRY___DRP 24185	30.75 1.03 0.00	35.19 1.21 0.00	30.84 1.09 0.00	31.46 1.12 0.00	32.71 1.20 0.00	36.58 1.38 0.00	53.46 2.01 0.00	77.71 2.82 0.00	51.85 1.79 0.00	45.67 1.35 0.00	41.56 1.09 0.00	31.76 0.91 0.00	30.91 0.85 0.00	24.31 0.64 0.00	18.08 0.44 0.00	23.09 0.60 0.00	25.68 0.72 0.00	36.89 1.18 0.00	46.73 1.50 0.00	96.34 2.86 0.00	55.36 1.70 0.00	39.27 1.21 0.00	38.36 1.09 0.00	37.78 0.97 0.00

MID___OSWEGATCHIE_HYD 23849	29.39 -0.32 0.00	33.71 -0.27 0.00	29.46 -0.28 0.00	29.97 -0.36 0.00	30.95 -0.57 0.00	34.59 -0.60 0.00	50.64 -0.81 0.00	73.92 -0.97 0.00	49.24 -0.82 0.00	43.10 -1.23 0.00	39.02 -1.44 0.00	29.52 -1.32 0.00	28.75 -1.30 0.00	22.62 -1.05 0.00	16.87 -0.77 0.00	21.55 -0.94 0.00	24.08 -0.88 0.00	34.89 -0.83 0.00	44.73 -0.49 0.00	93.40 -0.08 0.00	53.54 -0.12 0.00	37.94 -0.13 0.00	37.23 -0.04 0.00	37.13 0.32 0.00
MID___RAQUETTE_HYD 23851	29.89 0.17 0.00	34.10 0.11 0.00	29.77 0.02 0.00	30.27 -0.07 0.00	31.38 -0.14 0.00	35.09 -0.11 0.00	51.24 -0.21 0.00	74.65 -0.23 0.00	49.89 -0.17 0.00	43.98 -0.35 0.00	39.92 -0.54 0.00	30.28 -0.56 0.00	29.49 -0.56 0.00	23.18 -0.49 0.00	17.31 -0.33 0.00	22.09 -0.41 0.00	24.70 -0.27 0.00	35.57 -0.15 0.00	45.44 0.21 0.00	94.85 1.37 0.00	54.37 0.71 0.00	38.50 0.43 0.00	37.79 0.52 0.00	37.45 0.65 0.00
MILLIKEN___1 23584	29.76 -0.32 -0.37	35.63 -0.31 -1.96	31.32 -0.25 -1.82	31.89 -0.18 -1.74	33.05 -0.16 -1.69	35.95 -0.15 -0.90	54.32 -0.06 -2.93	78.59 0.11 -3.59	52.62 -0.23 -2.79	45.92 -0.54 -2.13	41.71 -0.71 -1.96	31.87 -0.63 -1.65	30.97 -0.70 -1.62	24.47 -0.54 -1.34	18.42 -0.38 -1.16	23.31 -0.49 -1.30	25.86 -0.50 -1.40	35.89 -0.50 -0.68	44.86 -0.36 0.00	93.03 -0.45 0.00	53.38 -0.28 0.00	37.87 -0.20 0.00	37.14 -0.13 0.00	36.68 -0.12 0.00
MILLIKEN___2 23585	29.76 -0.32 -0.37	35.63 -0.31 -1.96	31.32 -0.25 -1.82	31.89 -0.18 -1.74	33.05 -0.16 -1.69	35.95 -0.15 -0.90	54.32 -0.06 -2.93	78.59 0.11 -3.59	52.62 -0.23 -2.79	45.92 -0.54 -2.13	41.71 -0.71 -1.96	31.87 -0.63 -1.65	30.97 -0.70 -1.62	24.47 -0.54 -1.34	18.42 -0.38 -1.16	23.31 -0.49 -1.30	25.86 -0.50 -1.40	35.89 -0.50 -0.68	44.86 -0.36 0.00	93.03 -0.45 0.00	53.38 -0.28 0.00	37.87 -0.20 0.00	37.14 -0.13 0.00	36.68 -0.12 0.00
MILLIKEN___DIESEL 23629	29.76 -0.32 -0.37	35.63 -0.31 -1.96	31.32 -0.25 -1.82	31.89 -0.18 -1.74	33.05 -0.16 -1.69	35.95 -0.15 -0.90	54.32 -0.06 -2.93	78.59 0.11 -3.59	52.62 -0.23 -2.79	45.92 -0.54 -2.13	41.71 -0.71 -1.96	31.87 -0.63 -1.65	30.97 -0.70 -1.62	24.47 -0.54 -1.34	18.42 -0.38 -1.16	23.31 -0.49 -1.30	25.86 -0.50 -1.40	35.89 -0.50 -0.68	44.86 -0.36 0.00	93.03 -0.45 0.00	53.38 -0.28 0.00	37.87 -0.20 0.00	37.14 -0.13 0.00	36.68 -0.12 0.00
MILLSEAT___LFGE 323607	26.23 -2.49 0.99	25.91 -2.65 5.43	21.96 -2.46 5.33	23.09 -2.39 4.85	24.49 -2.43 4.61	29.99 -2.76 2.45	39.17 -4.29 7.99	59.16 -5.93 9.80	38.50 -3.93 7.63	35.31 -3.20 5.81	32.31 -2.82 5.34	24.12 -2.22 4.51	23.45 -2.17 4.44	17.97 -1.86 3.85	12.99 -1.32 3.33	16.85 -1.90 3.75	18.95 -2.00 4.02	31.05 -2.70 1.96	41.91 -3.31 0.00	87.10 -6.38 0.00	49.82 -3.84 0.00	35.63 -2.43 0.00	35.53 -1.74 0.00	35.25 -1.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.81 1.10 0.00	35.20 1.22 0.00	30.86 1.11 0.00	31.47 1.13 0.00	32.71 1.19 0.00	36.52 1.32 0.00	53.68 2.23 0.00	78.18 3.29 0.00	52.33 2.27 0.00	46.34 2.01 0.00	42.15 1.68 0.00	32.21 1.37 0.00	31.42 1.37 0.00	24.78 1.11 0.00	18.46 0.82 0.00	23.56 1.07 0.00	26.25 1.29 0.00	37.40 1.69 0.00	47.11 1.89 0.00	97.07 3.59 0.00	55.76 2.10 0.00	39.46 1.40 0.00	38.45 1.18 0.00	37.86 1.06 0.00
MILLWOOD_13_KV_LOAD 356217	30.84 1.13 0.00	35.24 1.26 0.00	30.89 1.14 0.00	31.50 1.16 0.00	32.75 1.23 0.00	36.56 1.36 0.00	53.76 2.30 0.00	78.28 3.40 0.00	52.40 2.34 0.00	46.39 2.06 0.00	42.19 1.73 0.00	32.24 1.39 0.00	31.45 1.39 0.00	24.81 1.13 0.00	18.47 0.83 0.00	23.58 1.09 0.00	26.28 1.31 0.00	37.44 1.73 0.00	47.18 1.96 0.00	97.23 3.75 0.00	55.84 2.18 0.00	39.51 1.44 0.00	38.50 1.23 0.00	37.89 1.09 0.00
MODEL_CITY_ENERGY 24167	25.05 -3.48 1.18	23.76 -3.79 6.43	20.00 -3.47 6.27	21.18 -3.41 5.74	22.55 -3.50 5.46	28.29 -4.00 2.91	35.59 -6.38 9.48	54.12 -9.14 11.63	35.10 -5.92 9.05	32.87 -4.56 6.90	30.33 -3.80 6.33	22.59 -2.91 5.35	21.98 -2.81 5.26	16.73 -2.36 4.58	11.98 -1.68 3.98	15.66 -2.37 4.47	17.59 -2.59 4.79	29.57 -3.80 2.34	40.34 -4.89 0.00	83.49 -9.99 0.00	47.70 -5.96 0.00	34.21 -3.85 0.00	34.31 -2.96 0.00	34.11 -2.69 0.00
MODERN_LFGE___ 323580	25.05 -3.48 1.18	23.76 -3.79 6.43	20.00 -3.47 6.27	21.18 -3.41 5.74	22.55 -3.50 5.46	28.29 -4.00 2.91	35.59 -6.38 9.48	54.12 -9.14 11.63	35.10 -5.92 9.05	32.87 -4.56 6.90	30.33 -3.80 6.33	22.59 -2.91 5.35	21.98 -2.81 5.26	16.73 -2.36 4.58	11.98 -1.68 3.98	15.66 -2.37 4.47	17.59 -2.59 4.79	29.57 -3.80 2.34	40.34 -4.89 0.00	83.49 -9.99 0.00	47.70 -5.96 0.00	34.21 -3.85 0.00	34.31 -2.96 0.00	34.11 -2.69 0.00
MOHAWK_PAPER___DRP 24187	30.89 1.18 0.00	35.32 1.34 0.00	30.95 1.20 0.00	31.57 1.24 0.00	32.83 1.31 0.00	36.72 1.52 0.00	53.66 2.21 0.00	78.09 3.20 0.00	52.29 2.23 0.00	46.29 1.97 0.00	42.11 1.65 0.00	32.04 1.20 0.00	31.19 1.14 0.00	24.51 0.84 0.00	18.23 0.58 0.00	23.32 0.82 0.00	25.99 1.02 0.00	37.17 1.46 0.00	46.98 1.76 0.00	96.74 3.27 0.00	55.59 1.93 0.00	39.45 1.38 0.00	38.49 1.22 0.00	37.88 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	31.65 1.94 0.00	36.27 2.29 0.00	31.75 2.00 0.00	32.49 2.16 0.00	33.80 2.28 0.00	38.04 2.84 0.00	55.88 4.43 0.00	81.51 6.62 0.00	54.79 4.73 0.00	48.06 3.74 0.00	43.43 2.96 0.00	32.84 1.99 0.00	31.93 1.87 0.00	24.94 1.27 0.00	18.58 0.94 0.00	23.84 1.34 0.00	26.45 1.48 0.00	37.75 2.04 0.00	47.81 2.58 0.00	98.34 4.86 0.00	56.51 2.85 0.00	39.96 1.89 0.00	38.91 1.64 0.00	38.24 1.44 0.00
MONGAUP___HYD 23641	30.88 1.16 0.00	35.29 1.31 0.00	30.92 1.17 0.00	31.52 1.18 0.00	32.77 1.26 0.00	36.34 1.15 0.00	52.93 1.48 0.00	77.25 2.36 0.00	51.76 1.70 0.00	45.66 1.34 0.00	41.51 1.04 0.00	31.66 0.81 0.00	30.87 0.82 0.00	24.38 0.70 0.00	18.16 0.51 0.00	23.17 0.67 0.00	25.74 0.78 0.00	36.58 0.87 0.00	46.37 1.15 0.00	96.26 2.78 0.00	55.29 1.64 0.00	39.16 1.09 0.00	38.41 1.14 0.00	38.03 1.23 0.00
MONTAUK___DIESEL 23721	31.80 2.09 0.00	36.47 2.49 0.00	32.25 2.50 0.00	33.34 3.00 0.00	40.29 3.30 -5.47	55.11 3.51 -16.40	55.63 4.18 0.00	64.89 4.25 14.24	53.86 3.80 0.00	48.32 4.00 0.00	43.09 2.63 0.00	32.61 1.76 0.00	31.34 1.29 0.00	24.34 0.67 0.00	18.09 0.44 0.00	22.93 0.44 0.00	25.74 0.77 0.00	37.20 1.49 0.00	47.10 1.88 0.00	95.41 1.93 0.00	55.02 1.36 0.00	39.40 1.33 0.00	38.22 0.95 0.00	37.93 1.13 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.04 -3.24 0.43	28.09 -3.52 2.37	24.13 -3.26 2.36	25.10 -3.11 2.13	26.39 -3.12 2.01	30.58 -3.54 1.07	42.66 -5.31 3.48	63.42 -7.20 4.27	41.86 -4.88 3.32	38.04 -3.75 2.53	34.90 -3.24 2.33	26.64 -2.24 1.97	26.05 -2.08 1.93	20.16 -1.83 1.69	14.78 -1.39 1.46	19.06 -1.79 1.64	21.95 -1.26 1.76	33.16 -1.69 0.86	43.21 -2.01 0.00	89.52 -3.96 0.00	51.10 -2.55 0.00	36.50 -1.57 0.00	36.38 -0.89 0.00	36.13 -0.66 0.00

MORRIS_RIDGE___SOLAR 323848	16.29 -3.11 10.31	-24.77 -3.23 55.52	-25.00 -2.97 51.78	-21.78 -2.93 49.18	-19.10 -2.92 47.70	6.47 -3.35 25.38	-36.06 -4.76 82.75	-33.37 -6.93 101.33	-33.71 -4.90 78.87	-20.26 -4.37 60.21	-19.21 -4.37 55.30	-19.21 -3.35 46.71	-19.21 -3.27 46.00	-19.21 -2.57 40.31	-19.21 -1.87 34.98	-19.21 -2.42 39.29	-19.70 -2.55 42.11	11.58 -3.55 20.58	40.97 -4.25 0.00	86.07 -7.41 0.00	49.35 -4.31 0.00	35.34 -2.72 0.00	35.05 -2.23 0.00	34.71 -2.09 0.00
MORTIMER_115KV_TB3 55949	27.81 -1.91 0.00	31.93 -2.05 0.00	27.89 -1.86 0.00	28.51 -1.82 0.00	29.65 -1.87 0.00	33.05 -2.15 0.00	48.13 -3.32 0.00	70.35 -4.54 0.00	47.01 -3.05 0.00	41.84 -2.49 0.00	38.43 -2.04 0.00	29.31 -1.53 0.00	28.55 -1.50 0.00	22.42 -1.25 0.00	16.76 -0.88 0.00	21.21 -1.28 0.00	23.57 -1.40 0.00	33.70 -2.01 0.00	42.70 -2.52 0.00	88.39 -5.09 0.00	50.56 -3.10 0.00	36.08 -1.99 0.00	35.67 -1.60 0.00	35.35 -1.45 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.07 1.36 0.00	35.47 1.49 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.09 2.64 0.00	78.81 3.93 0.00	52.80 2.74 0.00	46.77 2.44 0.00	42.59 2.13 0.00	32.59 1.75 0.00	31.82 1.77 0.00	25.11 1.44 0.00	18.69 1.05 0.00	23.84 1.35 0.00	26.56 1.60 0.00	37.81 2.09 0.00	47.53 2.31 0.00	97.86 4.38 0.00	56.20 2.54 0.00	39.77 1.70 0.00	38.74 1.48 0.00	38.12 1.32 0.00
MUNSVILLE_WIND_PWR 323609	30.50 0.51 -0.27	36.10 0.67 -1.45	31.64 0.56 -1.33	32.32 0.71 -1.28	33.59 0.83 -1.25	37.07 1.21 -0.66	56.15 2.53 -2.17	80.40 2.86 -2.66	53.04 0.91 -2.07	45.83 -0.08 -1.58	41.56 -0.35 -1.45	31.28 -0.79 -1.23	30.34 -0.92 -1.20	23.88 -0.76 -0.97	17.93 -0.55 -0.84	23.06 -0.37 -0.94	25.44 -0.53 -1.01	36.28 0.07 -0.49	45.93 0.70 0.00	94.43 0.95 0.00	54.73 1.07 0.00	38.64 0.57 0.00	37.85 0.58 0.00	37.17 0.37 0.00
N SALMON___HYD 24042	30.30 0.59 0.00	34.38 0.40 0.00	29.91 0.16 0.00	30.36 0.03 0.00	31.51 -0.01 0.00	35.30 0.10 0.00	51.56 0.10 0.00	75.12 0.24 0.00	50.22 0.16 0.00	44.34 0.02 0.00	40.26 -0.20 0.00	30.59 -0.26 0.00	29.74 -0.32 0.00	23.52 -0.33 -0.18	17.43 -0.22 0.00	22.27 -0.22 0.00	24.80 -0.16 0.00	35.75 0.04 0.00	45.79 0.57 0.00	95.82 2.34 0.00	54.99 1.33 0.00	38.83 0.76 0.00	38.07 0.80 0.00	37.55 0.74 0.00
N.AKRON__115KV_KNAPP 355671	26.07 -2.57 1.07	25.35 -2.78 5.84	21.39 -2.56 5.79	22.60 -2.50 5.24	24.00 -2.57 4.95	29.67 -2.89 2.63	38.30 -4.57 8.59	58.08 -6.27 10.53	37.70 -4.16 8.20	34.75 -3.33 6.25	31.81 -2.92 5.74	23.75 -2.25 4.84	23.08 -2.21 4.77	17.70 -1.83 4.14	12.74 -1.31 3.59	16.54 -1.92 4.03	18.64 -2.00 4.32	30.81 -2.79 2.11	41.80 -3.43 0.00	86.85 -6.63 0.00	49.63 -4.03 0.00	35.56 -2.51 0.00	35.46 -1.81 0.00	35.18 -1.62 0.00
N.BELMOR_69_KV_BK1 55787	31.45 1.74 0.00	35.92 1.94 0.00	31.47 1.72 0.00	32.14 1.81 0.00	33.42 1.90 0.00	37.24 2.05 0.00	54.63 3.18 0.00	78.98 4.09 0.00	53.08 3.02 0.00	47.16 2.84 0.00	42.86 2.39 0.00	32.71 1.86 0.00	31.88 1.83 0.00	25.12 1.44 0.00	18.69 1.05 0.00	23.87 1.37 0.00	26.66 1.69 0.00	38.03 2.31 0.00	47.92 2.70 0.00	98.47 4.99 0.00	56.66 3.01 0.00	40.24 2.17 0.00	39.11 1.84 0.00	38.46 1.66 0.00
N.E_GEN_SANDY PD 24062	30.85 1.14 0.00	35.28 1.30 0.00	30.93 1.18 0.00	31.55 1.22 0.00	32.79 1.28 0.00	36.65 1.45 0.00	56.52 2.12 -2.96	77.88 2.99 0.00	52.19 2.13 0.00	46.90 1.97 -0.61	42.17 1.70 0.00	32.09 1.25 0.00	31.27 1.22 0.00	23.81 0.88 0.74	16.07 0.59 2.17	23.35 0.85 0.00	26.01 1.04 0.00	37.10 1.39 0.00	46.80 1.58 0.00	95.07 2.85 1.26	55.67 1.76 -0.25	39.29 1.22 0.00	38.29 1.02 0.00	37.67 0.87 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.69 0.97 0.00	35.07 1.08 0.00	30.74 0.99 0.00	31.35 1.01 0.00	32.60 1.08 0.00	36.41 1.21 0.00	53.53 2.08 0.00	77.99 3.10 0.00	52.16 2.10 0.00	46.16 1.84 0.00	41.96 1.49 0.00	32.05 1.21 0.00	31.26 1.21 0.00	24.69 1.01 0.00	18.39 0.75 0.00	23.48 0.98 0.00	26.17 1.21 0.00	37.28 1.56 0.00	46.97 1.75 0.00	96.86 3.38 0.00	55.61 1.95 0.00	39.35 1.28 0.00	38.35 1.08 0.00	37.76 0.96 0.00
N.QUEENS_27_KV_LOAD 356247	31.14 1.42 -0.01	35.55 1.56 -0.01	31.16 1.40 -0.01	31.74 1.40 0.00	32.98 1.46 0.00	36.74 1.54 0.00	54.13 2.68 0.00	78.84 3.96 0.00	52.91 2.85 0.00	46.84 2.52 0.00	42.70 2.23 0.00	32.65 1.80 0.00	31.87 1.81 0.00	25.16 1.48 0.00	18.73 1.08 -0.01	23.88 1.38 -0.01	26.62 1.65 -0.01	37.84 2.12 0.00	47.48 2.26 0.00	97.89 4.41 0.00	56.32 2.66 0.00	39.84 1.77 0.00	38.81 1.54 0.00	38.22 1.42 0.00
N.TROY___115KV_TB1 355778	30.85 1.14 0.00	35.29 1.31 0.00	30.92 1.17 0.00	31.55 1.22 0.00	32.81 1.29 0.00	36.72 1.52 0.00	53.67 2.22 0.00	78.01 3.12 0.00	52.23 2.17 0.00	46.21 1.89 0.00	42.03 1.57 0.00	31.92 1.08 0.00	31.09 1.03 0.00	24.39 0.72 0.00	18.12 0.48 0.00	23.21 0.72 0.00	25.85 0.88 0.00	37.00 1.28 0.00	46.77 1.55 0.00	96.35 2.87 0.00	55.41 1.75 0.00	39.28 1.21 0.00	38.32 1.05 0.00	37.71 0.91 0.00
NARROWS_GT1_1 24228	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT1_2 24229	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT1_3 24230	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT1_4 24231	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79

NARROWS_GT1_5 24232	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT1_6 24233	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT1_7 24234	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT1_8 24235	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_1 24236	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_2 24237	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_3 24238	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_4 24239	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_5 24240	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_6 24241	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_7 24242	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NARROWS_GT2_8 24243	58.39 1.64 -27.04	58.12 1.76 -22.38	57.81 1.63 -26.44	57.39 1.60 -25.45	57.97 1.71 -24.74	58.34 1.88 -21.27	61.16 3.10 -6.61	81.97 4.63 -2.45	62.07 3.28 -8.72	60.10 2.93 -12.85	59.33 2.63 -16.23	57.96 2.13 -24.99	57.98 2.14 -25.78	57.94 1.74 -32.53	57.89 1.28 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.89 2.78 -17.89	100.48 5.24 -1.76	78.87 3.10 -22.11	59.80 2.11 -19.62	59.67 1.88 -20.52	63.31 1.73 -24.79
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.45 1.73 0.00	35.98 2.00 0.00	31.52 1.77 0.00	32.17 1.83 0.00	33.47 1.96 0.00	37.50 2.30 0.00	54.99 3.54 0.00	80.11 5.22 0.00	53.39 3.33 0.00	46.71 2.39 0.00	42.26 1.80 0.00	32.13 1.28 0.00	31.24 1.18 0.00	24.55 0.87 0.00	18.24 0.60 0.00	23.33 0.83 0.00	25.99 1.03 0.00	37.45 1.73 0.00	47.79 2.57 0.00	98.83 5.35 0.00	56.79 3.14 0.00	40.24 2.18 0.00	39.23 1.96 0.00	38.57 1.76 0.00
NCHELSEA_115KV_TR2 355582	31.03 1.32 0.00	35.47 1.49 0.00	31.08 1.33 0.00	31.70 1.37 0.00	32.96 1.45 0.00	36.83 1.63 0.00	54.13 2.68 0.00	78.87 3.98 0.00	52.73 2.67 0.00	46.62 2.30 0.00	42.38 1.91 0.00	32.32 1.48 0.00	31.52 1.47 0.00	24.86 1.18 0.00	18.50 0.86 0.00	23.64 1.15 0.00	26.36 1.40 0.00	37.62 1.91 0.00	47.48 2.26 0.00	97.96 4.48 0.00	56.23 2.57 0.00	39.80 1.74 0.00	38.76 1.49 0.00	38.15 1.35 0.00
NEG CAPITAL___MECHNVIL 23645	31.25 1.53 0.00	35.77 1.79 0.00	31.32 1.58 0.00	32.00 1.66 0.00	33.28 1.76 0.00	37.26 2.07 0.00	54.57 3.12 0.00	79.38 4.50 0.00	53.00 2.94 0.00	46.72 2.39 0.00	42.40 1.94 0.00	32.20 1.36 0.00	31.33 1.28 0.00	24.59 0.91 0.00	18.29 0.65 0.00	23.43 0.94 0.00	26.09 1.13 0.00	37.44 1.72 0.00	47.43 2.21 0.00	97.74 4.26 0.00	56.13 2.47 0.00	39.76 1.69 0.00	38.77 1.50 0.00	38.13 1.33 0.00

NEG CENTRAL_HIGH_ACRES 23767	27.61 -2.10 0.00	31.71 -2.27 0.00	27.72 -2.03 0.00	28.35 -1.99 0.00	29.49 -2.03 0.00	32.89 -2.30 0.00	48.03 -3.42 0.00	70.17 -4.72 0.00	46.82 -3.24 0.00	41.53 -2.80 0.00	38.07 -2.39 0.00	29.00 -1.85 0.00	28.24 -1.81 0.00	22.16 -1.51 0.00	16.56 -1.08 0.00	21.00 -1.50 0.00	23.34 -1.63 0.00	33.43 -2.28 0.00	42.41 -2.81 0.00	87.74 -5.74 0.00	50.25 -3.41 0.00	35.77 -2.30 0.00	35.28 -1.99 0.00	34.98 -1.82 0.00
NEG CENTRAL___DRP 24199	29.10 -1.07 -0.46	35.32 -1.12 -2.47	31.07 -0.99 -2.31	31.59 -0.93 -2.19	32.71 -0.92 -2.12	35.30 -1.03 -1.13	53.66 -1.47 -3.67	77.41 -1.97 -4.49	52.01 -1.55 -3.50	45.54 -1.46 -2.67	41.45 -1.47 -2.46	31.78 -1.14 -2.07	30.97 -1.16 -2.07	24.81 -0.94 -2.08	18.81 -0.64 -1.81	23.63 -0.89 -2.03	26.17 -0.97 -2.17	35.50 -1.27 -1.06	43.79 -1.43 0.00	90.77 -2.71 0.00	52.05 -1.61 0.00	37.04 -1.03 0.00	36.40 -0.87 0.00	35.99 -0.81 0.00
NEG CENTRAL___INDECK 23768	33.08 -1.67 -5.03	59.40 -1.69 -27.10	53.37 -1.60 -25.21	52.79 -1.54 -24.00	53.35 -1.46 -23.29	45.94 -1.65 -12.39	89.64 -2.23 -40.41	121.44 -2.93 -49.48	86.26 -2.32 -38.51	71.06 -2.68 -29.41	64.85 -2.62 -27.01	51.60 -2.06 -22.81	50.53 -2.02 -22.49	41.98 -1.64 -19.95	33.79 -1.16 -17.31	40.34 -1.60 -19.44	44.11 -1.70 -20.84	43.58 -2.33 -10.19	42.76 -2.46 0.00	90.30 -3.18 0.00	51.78 -1.88 0.00	36.97 -1.09 0.00	36.50 -0.77 0.00	36.18 -0.62 0.00
NEG CENTRAL___SENECA 23627	29.22 -1.23 -0.73	36.69 -1.25 -3.96	32.31 -1.13 -3.70	32.77 -1.07 -3.51	33.88 -1.03 -3.40	35.86 -1.14 -1.81	55.76 -1.59 -5.90	79.94 -2.17 -7.22	53.95 -1.73 -5.62	47.00 -1.62 -4.29	42.67 -1.74 -3.94	32.82 -1.35 -3.33	32.02 -1.36 -3.32	25.90 -1.12 -3.34	19.80 -0.74 -2.90	24.71 -1.04 -3.26	27.31 -1.14 -3.49	35.93 -1.49 -1.71	43.61 -1.61 0.00	90.50 -2.98 0.00	51.91 -1.75 0.00	37.03 -1.04 0.00	36.41 -0.86 0.00	35.99 -0.82 0.00
NEG CENTRAL___STATE_STREET 24147	29.09 -0.63 0.00	33.26 -0.72 0.00	29.20 -0.55 0.00	29.84 -0.49 0.00	31.01 -0.50 0.00	34.65 -0.55 0.00	50.58 -0.87 0.00	73.93 -0.96 0.00	49.20 -0.86 0.00	43.41 -0.91 0.00	39.57 -0.89 0.00	30.13 -0.72 0.00	29.24 -0.82 0.00	23.03 -0.65 0.00	17.18 -0.46 0.00	21.88 -0.61 0.00	24.34 -0.63 0.00	34.96 -0.76 0.00	44.39 -0.84 0.00	92.00 -1.48 0.00	52.74 -0.92 0.00	37.37 -0.70 0.00	36.75 -0.52 0.00	36.34 -0.47 0.00
NEG MILLWOOD___DRP 24198	31.13 1.42 0.00	35.57 1.59 0.00	31.17 1.43 0.00	31.80 1.46 0.00	33.08 1.56 0.00	36.95 1.75 0.00	54.36 2.91 0.00	79.22 4.33 0.00	52.98 2.92 0.00	46.84 2.52 0.00	42.57 2.11 0.00	32.49 1.65 0.00	31.68 1.63 0.00	24.98 1.31 0.00	18.59 0.95 0.00	23.74 1.25 0.00	26.47 1.51 0.00	37.78 2.06 0.00	47.65 2.43 0.00	98.28 4.80 0.00	56.42 2.76 0.00	39.92 1.85 0.00	38.87 1.60 0.00	38.23 1.43 0.00
NEG NORTH_FLCN_SEA 23793	30.55 0.83 0.00	34.41 0.43 0.00	29.65 -0.10 0.00	29.89 -0.44 0.00	31.11 -0.41 0.00	34.91 -0.28 0.00	50.77 -0.68 0.00	73.62 -1.27 0.00	49.31 -0.75 0.00	43.62 -0.70 0.00	39.60 -0.86 0.00	30.29 -0.55 0.00	29.29 -0.77 0.00	19.53 -0.82 3.32	17.00 -0.64 0.00	21.87 -0.62 0.00	24.33 -0.64 0.00	35.04 -0.68 0.00	45.13 -0.09 0.00	95.05 1.58 0.00	54.78 1.13 0.00	38.43 0.37 0.00	37.75 0.48 0.00	36.93 0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	30.10 0.39 0.00	34.07 0.09 0.00	29.60 -0.15 0.00	30.00 -0.33 0.00	31.15 -0.37 0.00	34.91 -0.29 0.00	50.86 -0.59 0.00	73.96 -0.93 0.00	49.46 -0.60 0.00	43.72 -0.60 0.00	39.80 -0.67 0.00	30.32 -0.53 0.00	29.48 -0.58 0.00	23.40 -0.55 -0.27	17.26 -0.38 0.00	22.07 -0.43 0.00	24.49 -0.47 0.00	35.25 -0.46 0.00	45.17 -0.05 0.00	94.67 1.19 0.00	54.38 0.72 0.00	38.37 0.30 0.00	37.64 0.37 0.00	37.07 0.27 0.00
NEG NORTH___ALICE_FALLS 23915	30.58 0.86 0.00	34.50 0.52 0.00	29.78 0.03 0.00	30.07 -0.26 0.00	31.27 -0.24 0.00	35.10 -0.10 0.00	51.11 -0.33 0.00	74.19 -0.69 0.00	49.67 -0.39 0.00	43.91 -0.41 0.00	39.87 -0.60 0.00	30.43 -0.42 0.00	29.43 -0.62 0.00	24.92 -0.68 -1.92	17.12 -0.52 0.00	21.99 -0.50 0.00	24.46 -0.50 0.00	35.27 -0.44 0.00	45.41 0.19 0.00	95.57 2.09 0.00	55.02 1.36 0.00	38.63 0.56 0.00	37.91 0.64 0.00	37.14 0.34 0.00
NEG NORTH___LWR_SARANAC 23913	30.58 0.86 0.00	34.50 0.52 0.00	29.78 0.03 0.00	30.07 -0.26 0.00	31.27 -0.24 0.00	35.10 -0.10 0.00	51.11 -0.33 0.00	74.19 -0.69 0.00	49.67 -0.39 0.00	43.91 -0.41 0.00	39.87 -0.60 0.00	30.43 -0.42 0.00	29.43 -0.62 0.00	24.92 -0.68 -1.92	17.12 -0.52 0.00	21.99 -0.50 0.00	24.46 -0.50 0.00	35.27 -0.44 0.00	45.41 0.19 0.00	95.57 2.09 0.00	55.02 1.36 0.00	38.63 0.56 0.00	37.91 0.64 0.00	37.14 0.34 0.00
NEG NORTH___PLATTSBURG 23628	30.58 0.86 0.00	34.50 0.52 0.00	29.78 0.03 0.00	30.07 -0.26 0.00	31.27 -0.24 0.00	35.10 -0.10 0.00	51.11 -0.34 0.00	74.19 -0.70 0.00	49.66 -0.40 0.00	43.91 -0.41 0.00	39.87 -0.60 0.00	30.43 -0.42 0.00	29.43 -0.63 0.00	24.92 -0.68 -1.92	17.12 -0.52 0.00	21.99 -0.51 0.00	24.46 -0.51 0.00	35.27 -0.44 0.00	45.41 0.19 0.00	95.57 2.09 0.00	55.01 1.36 0.00	38.62 0.56 0.00	37.91 0.64 0.00	37.14 0.34 0.00
NEG WEST_LEA_LOCKPORT 23791	24.97 -3.27 1.48	22.41 -3.56 8.01	18.68 -3.27 7.80	19.98 -3.20 7.15	21.41 -3.30 6.82	27.82 -3.76 3.63	33.63 -5.99 11.83	51.88 -8.50 14.50	33.23 -5.54 11.29	31.45 -4.27 8.61	28.95 -3.61 7.90	21.43 -2.74 6.67	20.82 -2.66 6.57	15.75 -2.20 5.72	11.11 -1.56 4.97	14.68 -2.24 5.58	16.55 -2.43 5.98	29.24 -3.55 2.92	40.71 -4.51 0.00	84.39 -9.09 0.00	48.20 -5.45 0.00	34.60 -3.47 0.00	34.62 -2.65 0.00	34.41 -2.39 0.00
NEG WEST___LANCASTR 23811	26.97 -2.07 0.67	28.13 -2.19 3.65	24.13 -2.05 3.56	25.11 -1.96 3.26	26.39 -2.02 3.11	31.27 -2.27 1.65	42.31 -3.77 5.37	63.56 -5.01 6.32	41.76 -3.38 4.92	38.04 -2.40 3.89	34.88 -1.99 3.60	26.35 -1.46 3.04	25.64 -1.42 2.99	19.88 -1.17 2.62	14.56 -0.81 2.27	18.71 -1.23 2.55	20.92 -1.31 2.73	32.51 -1.87 1.34	42.69 -2.54 0.00	88.43 -5.05 0.00	50.48 -3.18 0.00	36.16 -1.91 0.00	36.02 -1.25 0.00	35.74 -1.05 0.00
NEG_PENN_ALLEGHNY 23528	29.02 -0.69 0.00	33.30 -0.68 0.00	29.13 -0.62 0.00	29.79 -0.55 0.00	30.97 -0.55 0.00	34.59 -0.60 0.00	50.73 -0.73 0.00	73.99 -0.90 0.00	49.27 -0.79 0.00	43.67 -0.65 0.00	39.72 -0.74 0.00	30.31 -0.54 0.00	29.53 -0.53 0.00	23.30 -0.37 0.00	17.37 -0.27 0.00	22.11 -0.38 0.00	24.55 -0.41 0.00	35.15 -0.56 0.00	44.45 -0.77 0.00	91.90 -1.57 0.00	52.65 -1.01 0.00	37.39 -0.67 0.00	36.68 -0.59 0.00	36.23 -0.57 0.00
NEG___GEN_MONROE 24207	27.64 -1.82 0.25	30.68 -1.95 1.35	26.79 -1.79 1.17	27.41 -1.75 1.18	28.55 -1.78 1.18	32.54 -2.03 0.63	46.28 -3.13 2.05	68.17 -4.20 2.52	45.22 -2.88 1.96	40.44 -2.40 1.49	37.05 -2.05 1.36	28.12 -1.58 1.15	27.37 -1.55 1.13	21.45 -1.30 0.92	15.92 -0.92 0.80	20.25 -1.34 0.90	22.56 -1.44 0.96	33.29 -1.95 0.47	42.87 -2.35 0.00	88.84 -4.64 0.00	50.83 -2.83 0.00	36.27 -1.80 0.00	35.90 -1.37 0.00	35.58 -1.22 0.00

NEPA__ENERGY 23901	26.50 -2.56 0.65	27.81 -2.63 3.54	23.88 -2.44 3.44	24.87 -2.30 3.16	26.16 -2.34 3.01	30.99 -2.61 1.60	42.32 -3.91 5.23	63.20 -5.28 6.41	41.31 -3.76 4.99	37.81 -2.71 3.80	34.40 -2.58 3.49	26.09 -1.81 2.95	25.38 -1.78 2.90	19.71 -1.43 2.54	14.44 -1.00 2.21	18.65 -1.36 2.48	21.08 -1.22 2.66	32.60 -1.82 1.30	42.63 -2.60 0.00	88.30 -5.18 0.00	50.29 -3.37 0.00	35.92 -2.15 0.00	35.74 -1.53 0.00	35.46 -1.34 0.00
NEVERSink__HYD 23608	31.07 1.36 0.00	35.52 1.54 0.00	31.14 1.39 0.00	31.76 1.43 0.00	33.05 1.53 0.00	36.95 1.75 0.00	54.34 2.89 0.00	79.14 4.25 0.00	52.67 2.61 0.00	46.46 2.14 0.00	42.29 1.83 0.00	32.17 1.33 0.00	31.34 1.29 0.00	24.63 0.96 0.00	18.31 0.67 0.00	23.39 0.90 0.00	26.12 1.15 0.00	37.37 1.66 0.00	47.35 2.13 0.00	97.89 4.40 0.00	56.15 2.49 0.00	39.76 1.69 0.00	38.73 1.45 0.00	38.10 1.30 0.00
NEWKRMKL_115KV_TB1 55635	30.86 1.15 0.00	35.29 1.31 0.00	30.91 1.16 0.00	31.54 1.21 0.00	32.80 1.28 0.00	36.66 1.47 0.00	53.64 2.19 0.00	78.04 3.15 0.00	52.22 2.16 0.00	46.21 1.88 0.00	42.04 1.58 0.00	32.03 1.19 0.00	31.19 1.14 0.00	24.54 0.86 0.00	18.25 0.61 0.00	23.34 0.84 0.00	25.97 1.01 0.00	37.17 1.46 0.00	46.96 1.74 0.00	96.72 3.24 0.00	55.56 1.90 0.00	39.42 1.35 0.00	38.47 1.20 0.00	37.87 1.07 0.00
NEWTON__FALLS_HYD 23847	29.39 -0.32 0.00	33.71 -0.27 0.00	29.46 -0.28 0.00	29.97 -0.36 0.00	30.95 -0.57 0.00	34.59 -0.60 0.00	50.64 -0.81 0.00	73.92 -0.97 0.00	49.24 -0.82 0.00	43.10 -1.23 0.00	39.02 -1.44 0.00	29.52 -1.32 0.00	28.75 -1.30 0.00	22.62 -1.05 0.00	16.87 -0.77 0.00	21.55 -0.94 0.00	24.08 -0.88 0.00	34.89 -0.83 0.00	44.73 -0.49 0.00	93.40 -0.08 0.00	53.54 -0.12 0.00	37.94 -0.13 0.00	37.23 -0.04 0.00	37.13 0.32 0.00
NGRID_A1_DSASP 323792	24.98 -3.57 1.16	23.87 -3.83 6.28	20.23 -3.50 6.02	21.30 -3.45 5.59	22.59 -3.56 5.36	28.22 -4.12 2.85	35.59 -6.56 9.31	54.01 -9.46 11.42	35.07 -6.10 8.89	32.97 -4.58 6.77	30.49 -3.75 6.22	22.73 -2.86 5.25	22.12 -2.77 5.17	16.85 -2.33 4.50	12.08 -1.65 3.91	15.77 -2.34 4.39	17.68 -2.58 4.71	29.60 -3.82 2.30	40.21 -5.02 0.00	83.09 -10.39 0.00	47.46 -6.20 0.00	34.05 -4.02 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
NGRID_A2_DSASP 323793	24.98 -3.57 1.16	23.87 -3.83 6.28	20.23 -3.50 6.02	21.30 -3.45 5.59	22.59 -3.56 5.36	28.22 -4.12 2.85	35.59 -6.56 9.31	54.01 -9.46 11.42	35.07 -6.10 8.89	32.97 -4.58 6.77	30.49 -3.75 6.22	22.73 -2.86 5.25	22.12 -2.77 5.17	16.85 -2.33 4.50	12.08 -1.65 3.91	15.77 -2.34 4.39	17.68 -2.58 4.71	29.60 -3.82 2.30	40.21 -5.02 0.00	83.09 -10.39 0.00	47.46 -6.20 0.00	34.05 -4.02 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
NGRID_A4_DSASP 323807	24.98 -3.57 1.16	23.87 -3.83 6.28	20.23 -3.50 6.02	21.30 -3.45 5.59	22.59 -3.56 5.36	28.22 -4.12 2.85	35.59 -6.56 9.31	54.01 -9.46 11.42	35.07 -6.10 8.89	32.97 -4.58 6.77	30.49 -3.75 6.22	22.73 -2.86 5.25	22.12 -2.77 5.17	16.85 -2.33 4.50	12.08 -1.65 3.91	15.77 -2.34 4.39	17.68 -2.58 4.71	29.60 -3.82 2.30	40.21 -5.02 0.00	83.09 -10.39 0.00	47.46 -6.20 0.00	34.05 -4.02 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
NIAGARA_115E_LBMP 323715	24.93 -3.62 1.16	23.74 -3.96 6.28	20.03 -3.62 6.10	21.16 -3.56 5.61	22.50 -3.67 5.35	28.18 -4.18 2.85	35.48 -6.69 9.28	53.90 -9.60 11.38	34.98 -6.22 8.86	32.80 -4.77 6.75	30.29 -3.97 6.20	22.58 -3.03 5.23	21.97 -2.93 5.15	16.73 -2.46 4.48	11.99 -1.75 3.89	15.66 -2.46 4.37	17.58 -2.70 4.69	29.44 -3.98 2.29	40.10 -5.12 0.00	82.93 -10.55 0.00	47.37 -6.29 0.00	34.00 -4.07 0.00	34.12 -3.15 0.00	33.93 -2.87 0.00
NIAGARA_115W_LBMP 323714	24.92 -3.62 1.17	23.78 -3.89 6.31	20.15 -3.55 6.04	21.22 -3.50 5.62	22.51 -3.61 5.39	28.14 -4.19 2.87	35.45 -6.66 9.35	53.82 -9.60 11.47	34.94 -6.20 8.92	32.86 -4.66 6.80	30.39 -3.83 6.24	22.66 -2.92 5.27	22.05 -2.81 5.19	16.78 -2.37 4.52	12.03 -1.68 3.92	15.71 -2.37 4.41	17.62 -2.62 4.72	29.52 -3.88 2.31	40.13 -5.10 0.00	82.94 -10.54 0.00	47.37 -6.29 0.00	33.98 -4.09 0.00	34.01 -3.26 0.00	33.85 -2.95 0.00
NIAGARA_230_LBMP 323716	25.21 -3.29 1.21	23.93 -3.52 6.53	20.30 -3.23 6.22	21.36 -3.17 5.81	22.66 -3.27 5.59	28.43 -3.80 2.97	35.70 -6.05 9.69	54.33 -8.67 11.89	35.20 -5.61 9.25	33.07 -4.20 7.05	30.56 -3.43 6.48	22.79 -2.59 5.47	22.17 -2.50 5.39	16.87 -2.11 4.69	12.08 -1.49 4.07	15.80 -2.12 4.57	17.73 -2.33 4.90	29.81 -3.51 2.40	40.58 -4.64 0.00	83.88 -9.60 0.00	47.91 -5.75 0.00	34.34 -3.72 0.00	34.36 -2.92 0.00	34.19 -2.61 0.00
NIAGARA__115KV_198_GIBSON 55903	24.91 -3.64 1.17	23.72 -3.95 6.31	20.11 -3.59 6.04	21.18 -3.54 5.62	22.45 -3.68 5.39	28.09 -4.25 2.87	35.34 -6.77 9.35	53.72 -9.70 11.47	34.85 -6.28 8.92	32.78 -4.74 6.80	30.29 -3.92 6.24	22.61 -2.96 5.27	22.00 -2.86 5.19	16.79 -2.36 4.52	12.04 -1.68 3.92	15.69 -2.40 4.41	17.59 -2.65 4.72	29.50 -3.91 2.31	40.13 -5.10 0.00	82.94 -10.54 0.00	47.35 -6.31 0.00	34.02 -4.05 0.00	34.01 -3.26 0.00	33.85 -2.95 0.00
NIAGARA____ 23760	25.24 -3.29 1.18	24.08 -3.52 6.38	20.39 -3.23 6.13	21.48 -3.17 5.68	22.80 -3.27 5.45	28.50 -3.80 2.90	35.90 -6.05 9.50	54.53 -8.67 11.68	35.37 -5.61 9.08	33.21 -4.20 6.91	30.70 -3.43 6.33	22.92 -2.59 5.34	22.29 -2.50 5.26	16.99 -2.11 4.57	12.19 -1.49 3.96	15.91 -2.12 4.46	17.85 -2.33 4.79	29.86 -3.51 2.34	40.58 -4.64 0.00	83.88 -9.60 0.00	47.91 -5.75 0.00	34.34 -3.72 0.00	34.36 -2.92 0.00	34.19 -2.61 0.00
NINE_MILE_1 23575	28.42 -1.30 0.00	32.55 -1.44 0.00	28.49 -1.26 0.00	29.08 -1.26 0.00	30.22 -1.30 0.00	33.70 -1.49 0.00	49.19 -2.26 0.00	71.67 -3.22 0.00	47.86 -2.20 0.00	42.41 -1.91 0.00	38.93 -1.53 0.00	29.68 -1.17 0.00	28.92 -1.14 0.00	22.77 -0.90 0.00	16.98 -0.67 0.00	21.60 -0.89 0.00	23.93 -1.04 0.00	34.19 -1.52 0.00	43.24 -1.98 0.00	89.36 -4.12 0.00	51.25 -2.40 0.00	36.41 -1.66 0.00	35.71 -1.56 0.00	35.31 -1.49 0.00
NINE_MILE_2 23744	28.42 -1.29 0.00	32.55 -1.44 0.00	28.50 -1.25 0.00	29.08 -1.26 0.00	30.22 -1.30 0.00	33.71 -1.49 0.00	49.20 -2.25 0.00	71.67 -3.21 0.00	47.86 -2.20 0.00	42.42 -1.91 0.00	38.94 -1.52 0.00	29.68 -1.17 0.00	28.92 -1.14 0.00	22.77 -0.90 0.00	16.98 -0.66 0.00	21.60 -0.89 0.00	23.93 -1.04 0.00	34.19 -1.52 0.00	43.25 -1.98 0.00	89.37 -4.11 0.00	51.27 -2.39 0.00	36.41 -1.66 0.00	35.71 -1.56 0.00	35.32 -1.49 0.00
NM_CAPITAL__DRP 24208	30.81 1.10 0.00	35.25 1.26 0.00	30.87 1.12 0.00	31.50 1.17 0.00	32.75 1.24 0.00	36.62 1.42 0.00	53.51 2.06 0.00	77.86 2.97 0.00	52.14 2.08 0.00	46.19 1.87 0.00	42.05 1.58 0.00	32.01 1.17 0.00	31.17 1.12 0.00	24.51 0.84 0.00	18.23 0.58 0.00	23.31 0.81 0.00	25.95 0.98 0.00	37.10 1.39 0.00	46.85 1.63 0.00	96.45 2.97 0.00	55.44 1.78 0.00	39.34 1.27 0.00	38.39 1.11 0.00	37.78 0.98 0.00

NM_CENTRAL___DRP 24181	28.79 -0.93 0.00	32.98 -1.00 0.00	28.87 -0.88 0.00	29.48 -0.86 0.00	30.65 -0.87 0.00	34.20 -1.00 0.00	50.02 -1.44 0.00	72.92 -1.96 0.00	48.62 -1.44 0.00	43.03 -1.30 0.00	39.40 -1.06 0.00	30.04 -0.80 0.00	29.26 -0.80 0.00	23.06 -0.61 0.00	17.19 -0.45 0.00	21.88 -0.61 0.00	24.25 -0.71 0.00	34.71 -1.01 0.00	43.95 -1.28 0.00	90.82 -2.66 0.00	52.07 -1.59 0.00	36.99 -1.08 0.00	36.27 -1.00 0.00	35.85 -0.95 0.00
NM_FRONTIER___DRP 24179	24.91 -3.64 1.17	23.72 -3.95 6.31	20.11 -3.59 6.04	21.18 -3.54 5.62	22.45 -3.68 5.39	28.09 -4.25 2.87	35.34 -6.77 9.35	53.72 -9.70 11.47	34.85 -6.28 8.92	32.78 -4.74 6.80	30.29 -3.92 6.24	22.61 -2.96 5.27	22.00 -2.86 5.19	16.79 -2.36 4.52	12.04 -1.68 3.92	15.69 -2.40 4.41	17.59 -2.65 4.72	29.50 -3.91 2.31	40.13 -5.10 0.00	82.94 -10.54 0.00	47.35 -6.31 0.00	34.02 -4.05 0.00	34.01 -3.26 0.00	33.85 -2.95 0.00
NM_ST_REGIS___HYD 24053	30.02 0.31 0.00	34.19 0.21 0.00	29.83 0.07 0.00	30.30 -0.03 0.00	31.42 -0.10 0.00	35.16 -0.04 0.00	51.34 -0.11 0.00	74.80 -0.09 0.00	49.99 -0.07 0.00	44.08 -0.24 0.00	40.01 -0.46 0.00	30.36 -0.48 0.00	29.55 -0.50 0.00	23.28 -0.46 -0.07	17.33 -0.31 0.00	22.12 -0.37 0.00	24.73 -0.24 0.00	35.63 -0.08 0.00	45.56 0.34 0.00	95.18 1.70 0.00	54.57 0.91 0.00	38.62 0.55 0.00	37.90 0.63 0.00	37.50 0.70 0.00
NORTHPORT___1 23551	31.45 1.74 0.00	35.93 1.95 0.00	31.49 1.74 0.00	32.24 1.90 0.00	33.51 1.99 0.00	37.24 2.04 0.00	54.53 3.08 0.00	78.54 3.65 0.00	52.99 2.93 0.00	47.22 2.90 0.00	42.75 2.29 0.00	32.68 1.83 0.00	31.87 1.82 0.00	25.10 1.43 0.00	18.64 1.00 0.00	23.79 1.30 0.00	26.56 1.59 0.00	37.79 2.08 0.00	47.60 2.38 0.00	97.55 4.07 0.00	56.32 2.67 0.00	40.09 2.02 0.00	38.93 1.66 0.00	38.32 1.52 0.00
NORTHPORT___2 23552	31.45 1.74 0.00	35.93 1.95 0.00	31.49 1.74 0.00	32.24 1.90 0.00	33.51 1.99 0.00	37.24 2.04 0.00	54.53 3.08 0.00	78.54 3.65 0.00	52.99 2.93 0.00	47.22 2.90 0.00	42.75 2.29 0.00	32.68 1.83 0.00	31.87 1.82 0.00	25.10 1.43 0.00	18.64 1.00 0.00	23.79 1.30 0.00	26.56 1.59 0.00	37.79 2.08 0.00	47.60 2.38 0.00	97.55 4.07 0.00	56.32 2.67 0.00	40.09 2.02 0.00	38.93 1.66 0.00	38.32 1.52 0.00
NORTHPORT___3 23553	31.36 1.65 0.00	35.85 1.87 0.00	31.41 1.66 0.00	32.11 1.77 0.00	33.38 1.86 0.00	37.09 1.89 0.00	54.24 2.79 0.00	78.24 3.36 0.00	52.74 2.69 0.00	47.10 2.78 0.00	42.69 2.23 0.00	32.58 1.74 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.62 0.98 0.00	23.77 1.28 0.00	26.53 1.57 0.00	37.71 1.99 0.00	47.43 2.21 0.00	97.27 3.79 0.00	56.06 2.40 0.00	39.97 1.90 0.00	38.86 1.59 0.00	38.27 1.47 0.00
NORTHPORT___4 23650	31.36 1.65 0.00	35.85 1.87 0.00	31.41 1.66 0.00	32.11 1.77 0.00	33.38 1.86 0.00	37.09 1.89 0.00	54.24 2.79 0.00	78.24 3.36 0.00	52.74 2.69 0.00	47.10 2.78 0.00	42.69 2.23 0.00	32.58 1.74 0.00	31.78 1.73 0.00	25.04 1.37 0.00	18.62 0.98 0.00	23.77 1.28 0.00	26.53 1.57 0.00	37.71 1.99 0.00	47.43 2.21 0.00	97.27 3.79 0.00	56.06 2.40 0.00	39.97 1.90 0.00	38.86 1.59 0.00	38.27 1.47 0.00
NORTHPORT___IC 23718	31.45 1.74 0.00	35.94 1.96 0.00	31.50 1.75 0.00	32.25 1.92 0.00	33.52 2.00 0.00	37.24 2.04 0.00	54.54 3.09 0.00	78.56 3.67 0.00	53.01 2.95 0.00	47.22 2.90 0.00	42.77 2.31 0.00	32.68 1.83 0.00	31.88 1.82 0.00	25.10 1.43 0.00	18.64 1.00 0.00	23.79 1.30 0.00	26.56 1.59 0.00	37.80 2.09 0.00	47.60 2.37 0.00	97.56 4.08 0.00	56.32 2.67 0.00	40.08 2.01 0.00	38.93 1.66 0.00	38.32 1.52 0.00
NORTH___COUNTRY_ESR 323785	29.99 0.27 0.00	33.98 0.00 0.00	29.53 -0.22 0.00	29.96 -0.37 0.00	31.11 -0.41 0.00	34.84 -0.36 0.00	50.76 -0.70 0.00	73.79 -1.10 0.00	49.39 -0.67 0.00	43.71 -0.62 0.00	39.78 -0.68 0.00	30.32 -0.53 0.00	29.48 -0.58 0.00	23.35 -0.55 -0.22	17.26 -0.38 0.00	22.06 -0.43 0.00	24.49 -0.48 0.00	35.24 -0.47 0.00	45.12 -0.10 0.00	94.43 0.95 0.00	54.22 0.56 0.00	38.26 0.19 0.00	37.53 0.26 0.00	36.99 0.19 0.00
NPX_GEN_1385_PROXY 323591	31.38 1.67 0.00	35.93 1.95 0.00	31.51 1.76 0.00	32.52 2.18 0.00	33.78 2.27 0.00	37.21 2.01 0.00	55.12 3.67 0.00	78.60 3.72 0.00	53.53 3.47 0.00	47.34 3.02 0.00	42.48 2.02 0.00	32.68 1.84 0.00	32.09 2.03 0.00	25.26 1.59 0.00	18.64 1.00 0.00	23.68 1.19 0.00	26.15 1.18 0.00	12.43 1.30 24.58	46.94 1.72 0.00	96.09 2.61 0.00	56.31 2.65 0.00	39.88 1.81 0.00	38.39 1.12 0.00	37.79 0.99 0.00
NPX_GEN_CSC 323557	31.77 2.05 0.00	36.26 2.28 0.00	31.82 2.07 0.00	32.59 2.26 0.00	38.97 2.41 -5.04	52.84 2.53 -15.12	54.63 3.18 0.00	65.19 3.43 13.12	52.90 2.84 0.00	47.64 3.31 0.00	42.95 2.49 0.00	32.74 1.89 0.00	31.83 1.78 0.00	25.03 1.35 0.00	18.60 0.96 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.07 2.36 0.00	48.11 2.89 0.00	97.48 4.00 0.00	56.20 2.54 0.00	40.50 2.43 0.00	39.18 1.91 0.00	38.71 1.91 0.00
NSINS_S___GLNS_FALLS 23858	31.63 1.91 0.00	36.25 2.27 0.00	31.73 1.98 0.00	32.47 2.14 0.00	33.78 2.26 0.00	38.03 2.83 0.00	55.90 4.45 0.00	81.60 6.71 0.00	54.89 4.83 0.00	48.17 3.84 0.00	43.51 3.05 0.00	32.91 2.06 0.00	32.00 1.94 0.00	25.00 1.33 0.00	18.63 0.99 0.00	23.90 1.41 0.00	26.52 1.56 0.00	37.87 2.16 0.00	47.94 2.72 0.00	98.64 5.16 0.00	56.68 3.02 0.00	40.07 2.00 0.00	39.02 1.75 0.00	38.35 1.55 0.00
NUCOR_STEEL___DRP 24197	29.10 -0.62 0.00	33.25 -0.73 0.00	29.20 -0.55 0.00	29.85 -0.49 0.00	31.02 -0.50 0.00	34.65 -0.55 0.00	50.56 -0.89 0.00	73.91 -0.98 0.00	49.21 -0.86 0.00	43.42 -0.91 0.00	39.62 -0.85 0.00	30.16 -0.68 0.00	29.26 -0.79 0.00	23.04 -0.63 0.00	17.20 -0.44 0.00	21.90 -0.60 0.00	24.36 -0.60 0.00	34.98 -0.73 0.00	44.41 -0.82 0.00	92.03 -1.45 0.00	52.74 -0.92 0.00	37.34 -0.73 0.00	36.73 -0.54 0.00	36.32 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	29.13 -0.59 0.00	33.63 -0.35 0.00	29.45 -0.30 0.00	29.95 -0.38 0.00	30.78 -0.73 0.00	34.35 -0.85 0.00	50.42 -1.04 0.00	73.66 -1.22 0.00	48.99 -1.07 0.00	42.66 -1.66 0.00	38.57 -1.90 0.00	29.14 -1.71 0.00	28.38 -1.67 0.00	22.34 -1.33 0.00	16.63 -1.01 0.00	21.29 -1.20 0.00	23.73 -1.24 0.00	34.47 -1.25 0.00	44.33 -0.90 0.00	92.49 -0.99 0.00	53.00 -0.65 0.00	37.62 -0.45 0.00	36.94 -0.33 0.00	37.08 0.27 0.00
NYISO_LBMP_REFERENCE 24008	29.71 0.00 0.00	33.98 0.00 0.00	29.75 0.00 0.00	30.34 0.00 0.00	31.52 0.00 0.00	35.20 0.00 0.00	51.45 0.00 0.00	74.89 0.00 0.00	50.06 0.00 0.00	44.32 0.00 0.00	40.46 0.00 0.00	30.85 0.00 0.00	30.06 0.00 0.00	23.67 0.00 0.00	17.64 0.00 0.00	22.49 0.00 0.00	24.97 0.00 0.00	35.71 0.00 0.00	45.22 0.00 0.00	93.48 0.00 0.00	53.66 0.00 0.00	38.07 0.00 0.00	37.27 0.00 0.00	36.80 0.00 0.00

NYPA_BRENTWD____GT 24164	31.75	36.25	31.78	32.50	33.80	37.62	55.10	79.29	53.49	47.69	43.14	32.91	32.07	25.25	18.77	23.97	26.82	38.27	48.25	98.94	57.03	40.60	39.41	38.76
	2.03	2.27	2.03	2.17	2.29	2.43	3.65	4.40	3.43	3.37	2.68	2.07	2.01	1.58	1.13	1.48	1.85	2.56	3.03	5.46	3.37	2.54	2.14	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT5 24156	58.39	58.12	57.81	57.39	57.97	58.34	61.16	81.97	62.07	60.10	59.33	57.96	57.98	57.94	57.89	57.93	59.16	61.72	65.89	100.48	78.87	59.80	59.67	63.31
	1.64	1.76	1.63	1.60	1.71	1.88	3.10	4.63	3.28	2.93	2.63	2.13	2.14	1.74	1.28	1.63	1.93	2.55	2.78	5.24	3.10	2.11	1.88	1.73
	-27.04	-22.38	-26.44	-25.45	-24.74	-21.27	-6.61	-2.45	-8.72	-12.85	-16.23	-24.99	-25.78	-32.53	-38.97	-33.82	-32.27	-23.46	-17.89	-1.76	-22.11	-19.62	-20.52	-24.79
NYPA_GOWANUS____GT6 24157	58.39	58.12	57.81	57.39	57.97	58.34	61.16	81.97	62.07	60.10	59.33	57.96	57.98	57.94	57.89	57.93	59.16	61.72	65.89	100.48	78.87	59.80	59.67	63.31
	1.64	1.76	1.63	1.60	1.71	1.88	3.10	4.63	3.28	2.93	2.63	2.13	2.14	1.74	1.28	1.63	1.93	2.55	2.78	5.24	3.10	2.11	1.88	1.73
	-27.04	-22.38	-26.44	-25.45	-24.74	-21.27	-6.61	-2.45	-8.72	-12.85	-16.23	-24.99	-25.78	-32.53	-38.97	-33.82	-32.27	-23.46	-17.89	-1.76	-22.11	-19.62	-20.52	-24.79
NYPA_HARLEM__RVR__GT1 24160	31.09	35.48	31.10	31.67	32.91	36.68	54.04	78.71	52.81	46.74	42.62	32.57	31.80	25.11	18.69	23.83	26.55	37.77	47.41	97.73	56.20	39.78	38.75	38.13
	1.36	1.49	1.35	1.34	1.39	1.48	2.58	3.82	2.75	2.42	2.15	1.73	1.75	1.43	1.04	1.33	1.59	2.05	2.19	4.26	2.54	1.71	1.48	1.33
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	31.09	35.48	31.10	31.67	32.91	36.68	54.04	78.71	52.81	46.74	42.62	32.57	31.80	25.11	18.69	23.83	26.55	37.77	47.41	97.73	56.20	39.78	38.75	38.13
	1.36	1.49	1.35	1.34	1.39	1.48	2.58	3.82	2.75	2.42	2.15	1.73	1.75	1.43	1.04	1.33	1.59	2.05	2.19	4.26	2.54	1.71	1.48	1.33
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	47.78	49.33	47.44	47.41	48.23	49.93	58.42	80.79	58.49	54.94	52.86	48.29	48.21	45.68	43.32	45.06	45.80	52.29	58.78	99.51	70.08	52.02	51.55	53.33
	1.55	1.68	1.55	1.53	1.60	1.75	2.94	4.40	3.10	2.77	2.48	2.03	2.04	1.65	1.21	1.55	1.83	2.41	2.64	4.96	2.92	1.97	1.75	1.58
	-16.51	-13.67	-16.14	-15.54	-15.11	-12.99	-4.04	-1.50	-5.33	-7.84	-9.91	-15.42	-16.12	-20.35	-24.47	-21.02	-19.00	-14.16	-10.92	-1.07	-13.50	-11.98	-12.53	-14.94
NYPA_POUCH1____GT 24155	58.33	58.04	57.75	57.33	57.91	58.28	61.02	81.77	61.94	60.00	59.23	57.88	57.89	57.87	57.84	57.87	59.10	61.63	65.76	100.13	78.73	59.72	59.60	63.25
	1.58	1.67	1.57	1.54	1.66	1.82	2.96	4.43	3.16	2.83	2.53	2.04	2.05	1.67	1.23	1.56	1.87	2.45	2.66	4.89	2.97	2.04	1.82	1.66
	-27.04	-22.38	-26.44	-25.45	-24.74	-21.27	-6.61	-2.45	-8.72	-12.85	-16.23	-24.99	-25.78	-32.53	-38.97	-33.82	-32.27	-23.46	-17.89	-1.76	-22.11	-19.62	-20.52	-24.79
NYPA_VERNON____GT2 24162	37.17	40.53	37.05	37.41	38.49	41.53	55.68	79.59	54.92	49.78	46.41	38.61	38.44	33.43	28.77	32.29	33.52	43.10	51.67	98.56	61.28	44.25	43.42	43.35
	1.48	1.60	1.46	1.45	1.50	1.63	2.77	4.16	2.93	2.62	2.35	1.91	1.93	1.58	1.16	1.48	1.73	2.28	2.49	4.69	2.73	1.85	1.61	1.45
	-5.99	-4.95	-5.85	-5.63	-5.47	-4.70	-1.46	-0.54	-1.93	-2.84	-3.59	-5.85	-6.45	-8.18	-9.97	-8.32	-6.82	-5.10	-3.96	-0.39	-4.89	-4.34	-4.54	-5.10
NYPA_VERNON____GT3 24163	37.17	40.53	37.05	37.41	38.49	41.53	55.68	79.59	54.92	49.78	46.41	38.61	38.44	33.43	28.77	32.29	33.52	43.10	51.67	98.56	61.28	44.25	43.42	43.35
	1.48	1.60	1.46	1.45	1.50	1.63	2.77	4.16	2.93	2.62	2.35	1.91	1.93	1.58	1.16	1.48	1.73	2.28	2.49	4.69	2.73	1.85	1.61	1.45
	-5.99	-4.95	-5.85	-5.63	-5.47	-4.70	-1.46	-0.54	-1.93	-2.84	-3.59	-5.85	-6.45	-8.18	-9.97	-8.32	-6.82	-5.10	-3.96	-0.39	-4.89	-4.34	-4.54	-5.10
NYPA__ASTORIA_CC1 323568	31.17	35.55	31.18	31.75	32.98	36.78	54.15	78.93	52.92	46.86	42.77	33.29	33.27	26.95	21.14	25.48	26.68	37.95	47.63	98.02	56.32	39.85	38.82	38.19
	1.45	1.57	1.43	1.42	1.47	1.58	2.70	4.04	2.86	2.54	2.30	1.88	1.90	1.55	1.14	1.45	1.70	2.23	2.41	4.54	2.66	1.78	1.55	1.39
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-1.31	-1.73	-2.36	-1.53	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	31.17	35.55	31.18	31.75	32.98	36.78	54.15	78.93	52.92	46.86	42.77	33.29	33.27	26.95	21.14	25.48	26.68	37.95	47.63	98.02	56.32	39.85	38.82	38.19
	1.45	1.57	1.43	1.42	1.47	1.58	2.70	4.04	2.86	2.54	2.30	1.88	1.90	1.55	1.14	1.45	1.70	2.23	2.41	4.54	2.66	1.78	1.55	1.39
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-1.31	-1.73	-2.36	-1.53	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	31.63	36.11	31.67	32.40	33.71	37.50	54.70	78.77	53.09	47.47	42.88	32.73	31.87	25.08	18.64	23.81	26.64	38.03	47.95	98.11	56.54	40.33	39.16	38.55
	1.91	2.13	1.92	2.07	2.19	2.30	3.24	3.89	3.04	3.14	2.41	1.88	1.81	1.41	1.00	1.32	1.67	2.31	2.73	4.63	2.88	2.27	1.89	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT1 24158	31.09	35.48	31.10	31.67	32.91	36.68	54.04	78.71	52.81	46.74	42.62	32.57	31.80	25.11	18.69	23.83	26.55	37.77	47.41	97.73	56.20	39.78	38.75	38.13
	1.36	1.49	1.35	1.34	1.39	1.48	2.58	3.82	2.75	2.42	2.15	1.73	1.75	1.43	1.04	1.33	1.59	2.05	2.19	4.26	2.54	1.71	1.48	1.33
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	31.09	35.48	31.10	31.67	32.91	36.68	54.04	78.71	52.81	46.74	42.62	32.57	31.80	25.11	18.69	23.83	26.55	37.77	47.41	97.73	56.20	39.78	38.75	38.13
	1.36	1.49	1.35	1.34	1.39	1.48	2.58	3.82	2.75	2.42	2.15	1.73	1.75	1.43	1.04	1.33	1.59	2.05	2.19	4.26	2.54	1.71	1.48	1.33
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	25.26	23.76	19.90	21.17	22.60	28.48	35.70	54.41	35.20	32.97	30.35	22.58	21.97	16.70	11.93	15.62	17.58	29.77	40.76	84.45	48.26	34.60	34.65	34.44
	-3.22	-3.49	-3.22	-3.14	-3.22	-3.68	-5.86	-8.35	-5.41	-4.16	-3.50	-2.68	-2.59	-2.19	-1.56	-2.21	-2.39	-3.50	-4.47	-9.03	-5.40	-3.47	-2.62	-2.36
	1.23	6.73	6.63	6.02	5.70	3.03	9.90	12.14	9.45	7.20	6.61	5.58	5.49	4.78	4.15	4.66	4.99	2.44	0.00	0.00	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	27.82 -1.90 0.00	31.97 -2.01 0.00	27.91 -1.84 0.00	28.54 -1.80 0.00	29.68 -1.84 0.00	33.07 -2.13 0.00	48.21 -3.24 0.00	70.41 -4.48 0.00	47.04 -3.02 0.00	41.89 -2.44 0.00	38.49 -1.98 0.00	29.34 -1.51 0.00	28.58 -1.47 0.00	22.42 -1.25 0.00	16.75 -0.89 0.00	21.22 -1.27 0.00	23.58 -1.38 0.00	33.72 -1.99 0.00	42.70 -2.52 0.00	88.38 -5.10 0.00	50.57 -3.09 0.00	36.05 -2.02 0.00	35.66 -1.61 0.00	35.35 -1.45 0.00
OAKDALE___35_KV_LOAD 356122	28.99 -0.73 0.00	33.28 -0.70 0.00	29.10 -0.65 0.00	29.76 -0.58 0.00	30.94 -0.58 0.00	34.55 -0.65 0.00	50.61 -0.84 0.00	73.81 -1.07 0.00	49.12 -0.93 0.00	43.60 -0.73 0.00	39.68 -0.78 0.00	30.30 -0.55 0.00	29.51 -0.55 0.00	23.29 -0.38 0.00	17.36 -0.28 0.00	22.12 -0.37 0.00	24.55 -0.41 0.00	35.13 -0.58 0.00	44.40 -0.83 0.00	91.77 -1.71 0.00	52.58 -1.08 0.00	37.34 -0.72 0.00	36.65 -0.62 0.00	36.20 -0.60 0.00
OCC_CHEM___DRP 24175	24.97 -3.59 1.16	23.81 -3.89 6.28	20.19 -3.54 6.02	21.25 -3.49 5.59	22.53 -3.62 5.36	28.17 -4.18 2.85	35.47 -6.68 9.31	53.91 -9.56 11.42	34.97 -6.20 8.89	32.90 -4.66 6.77	30.40 -3.85 6.22	22.69 -2.91 5.25	22.08 -2.81 5.17	16.85 -2.33 4.50	12.09 -1.64 3.91	15.75 -2.36 4.39	17.66 -2.61 4.71	29.58 -3.84 2.30	40.20 -5.02 0.00	83.09 -10.39 0.00	47.44 -6.22 0.00	34.08 -3.99 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
OH_GEN_PROXY 24063	25.44 -3.21 1.07	24.78 -3.42 5.79	21.10 -3.14 5.51	22.11 -3.08 5.15	23.40 -3.17 4.95	28.88 -3.69 2.63	37.01 -5.86 8.58	56.00 -8.36 10.53	36.44 -5.42 8.19	34.02 -4.06 6.24	31.42 -3.30 5.74	23.51 -2.49 4.84	22.88 -2.41 4.77	17.49 -2.03 4.15	12.60 -1.44 3.60	16.40 -2.05 4.05	18.37 -2.26 4.34	30.20 -3.39 2.12	40.72 -4.50 0.00	84.19 -9.29 0.00	48.09 -5.57 0.00	34.45 -3.62 0.00	34.43 -2.85 0.00	34.24 -2.56 0.00
OLIN_CORP_DRP 24177	25.02 -3.56 1.13	23.90 -3.93 6.15	20.21 -3.58 5.96	21.33 -3.52 5.49	22.64 -3.64 5.24	28.27 -4.14 2.79	35.70 -6.66 9.09	54.22 -9.52 11.15	35.21 -6.18 8.68	32.99 -4.72 6.61	30.44 -3.95 6.07	22.73 -2.99 5.13	22.10 -2.90 5.05	16.88 -2.39 4.40	12.13 -1.70 3.82	15.79 -2.42 4.28	17.71 -2.66 4.59	29.56 -3.91 2.25	40.20 -5.02 0.00	83.13 -10.35 0.00	47.46 -6.19 0.00	34.12 -3.95 0.00	34.19 -3.08 0.00	34.00 -2.80 0.00
OLIN_CORP_DSASP 323712	24.98 -3.57 1.16	23.87 -3.83 6.28	20.23 -3.50 6.02	21.30 -3.45 5.59	22.59 -3.56 5.36	28.22 -4.12 2.85	35.59 -6.56 9.31	54.01 -9.46 11.42	35.07 -6.10 8.89	32.97 -4.58 6.77	30.49 -3.75 6.22	22.73 -2.86 5.25	22.12 -2.77 5.17	16.85 -2.33 4.50	12.08 -1.65 3.91	15.77 -2.34 4.39	17.68 -2.58 4.71	29.60 -3.82 2.30	40.21 -5.02 0.00	83.09 -10.39 0.00	47.46 -6.20 0.00	34.05 -4.02 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
ONEIDA_HERK_LFGE 323681	29.85 0.14 0.00	34.28 0.30 0.00	30.02 0.27 0.00	30.59 0.25 0.00	31.66 0.14 0.00	35.40 0.20 0.00	51.96 0.51 0.00	75.82 0.93 0.00	50.46 0.40 0.00	44.21 -0.11 0.00	40.14 -0.33 0.00	30.43 -0.42 0.00	29.61 -0.44 0.00	23.35 -0.33 0.00	17.37 -0.27 0.00	22.20 -0.29 0.00	24.75 -0.22 0.00	35.66 -0.06 0.00	45.59 0.37 0.00	94.60 1.12 0.00	54.25 0.59 0.00	38.48 0.41 0.00	37.66 0.39 0.00	37.40 0.59 0.00
ONEIDA___115KV_TB4 55905	30.02 0.31 0.00	34.38 0.40 0.00	30.10 0.35 0.00	30.70 0.36 0.00	31.89 0.38 0.00	35.70 0.50 0.00	52.48 1.03 0.00	76.58 1.70 0.00	50.92 0.85 0.00	44.63 0.30 0.00	40.55 0.09 0.00	30.80 -0.05 0.00	29.96 -0.10 0.00	23.64 -0.03 0.00	17.61 -0.03 0.00	22.47 -0.03 0.00	25.03 0.07 0.00	35.96 0.25 0.00	45.91 0.69 0.00	95.13 1.65 0.00	54.52 0.87 0.00	38.70 0.63 0.00	37.84 0.57 0.00	37.37 0.57 0.00
ONONDAGA_REF_OCCRA 23987	28.98 -0.74 0.00	33.20 -0.78 0.00	29.07 -0.68 0.00	29.68 -0.66 0.00	30.85 -0.66 0.00	34.45 -0.75 0.00	50.41 -1.04 0.00	73.50 -1.38 0.00	48.97 -1.09 0.00	43.29 -1.04 0.00	39.58 -0.89 0.00	30.17 -0.67 0.00	29.38 -0.68 0.00	23.16 -0.51 0.00	17.27 -0.37 0.00	21.98 -0.51 0.00	24.37 -0.59 0.00	34.90 -0.81 0.00	44.24 -0.99 0.00	91.49 -1.99 0.00	52.46 -1.20 0.00	37.26 -0.81 0.00	36.52 -0.75 0.00	36.09 -0.71 0.00
ONONDAGA___COGEN 23986	28.97 -0.74 0.00	33.17 -0.81 0.00	29.07 -0.68 0.00	29.67 -0.66 0.00	30.83 -0.68 0.00	34.40 -0.80 0.00	50.31 -1.14 0.00	73.37 -1.52 0.00	48.88 -1.18 0.00	43.22 -1.11 0.00	39.52 -0.94 0.00	30.14 -0.71 0.00	29.34 -0.72 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.54 0.00	24.34 -0.62 0.00	34.87 -0.84 0.00	44.18 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.18 -0.89 0.00	36.46 -0.81 0.00	36.04 -0.76 0.00
ONTARIO___LFGE 23819	29.22 -1.23 -0.73	36.70 -1.24 -3.96	32.32 -1.12 -3.70	32.78 -1.06 -3.51	33.90 -1.01 -3.40	35.87 -1.14 -1.81	55.76 -1.59 -5.90	79.97 -2.14 -7.22	53.95 -1.73 -5.62	46.99 -1.62 -4.29	42.68 -1.72 -3.94	32.83 -1.35 -3.33	32.03 -1.35 -3.32	25.89 -1.12 -3.34	19.80 -0.74 -2.90	24.71 -1.04 -3.26	27.32 -1.14 -3.49	35.93 -1.49 -1.71	43.61 -1.61 0.00	90.50 -2.98 0.00	51.91 -1.75 0.00	37.02 -1.05 0.00	36.41 -0.86 0.00	35.98 -0.82 0.00
ORANGEVILLE_WT_PWR 323706	18.10 -3.49 8.12	-13.39 -3.61 43.76	-14.40 -3.29 40.86	-11.72 -3.28 38.78	-9.39 -3.32 37.59	11.37 -3.83 20.00	-19.24 -5.48 65.21	-13.03 -8.06 79.85	-17.62 -5.52 62.16	-7.96 -4.83 47.45	-7.69 -4.57 43.58	-9.49 -3.53 36.80	-9.63 -3.44 36.24	-10.80 -2.72 31.76	-11.89 -1.97 27.56	-11.07 -2.61 30.95	-10.98 -2.77 33.18	15.61 -3.89 16.22	40.48 -4.74 0.00	84.92 -8.56 0.00	48.75 -4.91 0.00	34.91 -3.16 0.00	34.79 -2.48 0.00	34.53 -2.27 0.00
ORANGEVILLE___ESR 323794	18.10 -3.49 8.12	-13.39 -3.61 43.76	-14.40 -3.29 40.86	-11.72 -3.28 38.78	-9.39 -3.32 37.59	11.37 -3.83 20.00	-19.24 -5.48 65.21	-13.03 -8.06 79.85	-17.62 -5.52 62.16	-7.96 -4.83 47.45	-7.69 -4.57 43.58	-9.49 -3.53 36.80	-9.63 -3.44 36.24	-10.80 -2.72 31.76	-11.89 -1.97 27.56	-11.07 -2.61 30.95	-10.98 -2.77 33.18	15.61 -3.89 16.22	40.48 -4.74 0.00	84.92 -8.56 0.00	48.75 -4.91 0.00	34.91 -3.16 0.00	34.79 -2.48 0.00	34.53 -2.27 0.00
OSWEGATCHIE___HYD 24044	29.39 -0.32 0.00	33.72 -0.27 0.00	29.46 -0.28 0.00	29.97 -0.36 0.00	30.95 -0.56 0.00	34.59 -0.60 0.00	50.64 -0.81 0.00	73.92 -0.97 0.00	49.24 -0.82 0.00	43.10 -1.23 0.00	39.02 -1.44 0.00	29.52 -1.32 0.00	28.75 -1.30 0.00	22.63 -1.05 0.00	16.87 -0.77 0.00	21.55 -0.94 0.00	24.08 -0.88 0.00	34.89 -0.83 0.00	44.73 -0.49 0.00	93.40 -0.08 0.00	53.54 -0.12 0.00	37.94 -0.13 0.00	37.23 -0.04 0.00	37.13 0.32 0.00
OSWEGO___5 23606	28.59 -1.12 0.00	32.75 -1.23 0.00	28.67 -1.08 0.00	29.26 -1.07 0.00	30.41 -1.10 0.00	33.92 -1.28 0.00	49.54 -1.91 0.00	72.19 -2.70 0.00	48.18 -1.88 0.00	42.69 -1.64 0.00	39.14 -1.33 0.00	29.84 -1.01 0.00	29.06 -0.99 0.00	22.89 -0.79 0.00	17.06 -0.58 0.00	21.72 -0.78 0.00	24.06 -0.90 0.00	34.41 -1.30 0.00	43.55 -1.68 0.00	90.01 -3.47 0.00	51.62 -2.04 0.00	36.67 -1.40 0.00	35.95 -1.32 0.00	35.55 -1.25 0.00

OSWEGO___6 23613	28.59 -1.12 0.00	32.75 -1.23 0.00	28.67 -1.08 0.00	29.26 -1.07 0.00	30.41 -1.10 0.00	33.92 -1.28 0.00	49.54 -1.91 0.00	72.19 -2.70 0.00	48.18 -1.88 0.00	42.69 -1.64 0.00	39.14 -1.33 0.00	29.84 -1.01 0.00	29.06 -0.99 0.00	22.89 -0.79 0.00	17.06 -0.58 0.00	21.72 -0.78 0.00	24.06 -0.90 0.00	34.41 -1.30 0.00	43.55 -1.68 0.00	90.01 -3.47 0.00	51.62 -2.04 0.00	36.67 -1.40 0.00	35.95 -1.32 0.00	35.55 -1.25 0.00
OUTOKUMPU-AB___DRP 24206	25.66 -2.95 1.10	24.79 -3.20 5.99	20.99 -2.94 5.82	22.12 -2.87 5.35	23.44 -2.97 5.10	29.10 -3.38 2.71	37.15 -5.45 8.85	56.34 -7.67 10.87	36.61 -4.98 8.46	34.20 -3.68 6.44	31.50 -3.05 5.91	23.56 -2.29 4.99	22.91 -2.23 4.92	17.53 -1.86 4.28	12.62 -1.31 3.72	16.42 -1.91 4.17	18.42 -2.07 4.47	30.50 -3.03 2.19	41.29 -3.93 0.00	85.50 -7.98 0.00	48.81 -4.84 0.00	35.04 -3.03 0.00	35.03 -2.24 0.00	34.81 -2.00 0.00
OXBOW___BTM 323836	25.28 -3.30 1.13	24.31 -3.53 6.14	20.58 -3.25 5.92	21.68 -3.18 5.47	23.00 -3.28 5.23	28.64 -3.78 2.78	36.35 -6.02 9.08	55.15 -8.60 11.14	35.83 -5.55 8.67	33.57 -4.14 6.60	30.99 -3.41 6.06	23.13 -2.59 5.12	22.51 -2.51 5.04	17.16 -2.12 4.39	12.33 -1.50 3.81	16.08 -2.14 4.28	18.04 -2.34 4.59	30.02 -3.45 2.24	40.71 -4.51 0.00	84.21 -9.27 0.00	48.09 -5.57 0.00	34.48 -3.59 0.00	34.51 -2.76 0.00	34.31 -2.49 0.00
OXBOW____ 24026	25.27 -3.31 1.13	24.26 -3.59 6.14	20.55 -3.29 5.92	21.64 -3.23 5.47	22.95 -3.34 5.23	28.59 -3.83 2.78	36.25 -6.13 9.08	55.05 -8.70 11.14	35.74 -5.65 8.67	33.50 -4.22 6.60	30.91 -3.49 6.06	23.09 -2.64 5.12	22.46 -2.56 5.04	17.17 -2.12 4.39	12.34 -1.49 3.81	16.06 -2.16 4.28	18.01 -2.37 4.59	30.00 -3.47 2.24	40.71 -4.51 0.00	84.22 -9.26 0.00	48.07 -5.59 0.00	34.52 -3.55 0.00	34.50 -2.77 0.00	34.31 -2.49 0.00
OXY_CHEM_DSASP 323612	24.97 -3.59 1.16	23.81 -3.89 6.28	20.19 -3.54 6.02	21.25 -3.49 5.59	22.53 -3.62 5.36	28.17 -4.18 2.85	35.47 -6.68 9.31	53.91 -9.56 11.42	34.97 -6.20 8.89	32.90 -4.66 6.77	30.40 -3.85 6.22	22.69 -2.91 5.25	22.08 -2.81 5.17	16.85 -2.33 4.50	12.09 -1.64 3.91	15.75 -2.36 4.39	17.66 -2.61 4.71	29.58 -3.84 2.30	40.20 -5.02 0.00	83.09 -10.39 0.00	47.44 -6.22 0.00	34.08 -3.99 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
OZONE_PARK_ESR 323760	31.29 1.58 0.00	35.70 1.72 0.00	31.29 1.55 0.00	31.89 1.56 0.00	33.14 1.62 0.00	36.99 1.79 0.00	54.51 3.06 0.00	79.47 4.58 0.00	53.23 3.17 0.00	47.13 2.80 0.00	42.91 2.45 0.00	32.84 1.99 0.00	32.06 2.00 0.00	25.30 1.63 0.00	18.83 1.19 0.00	24.02 1.53 0.00	26.76 1.80 0.00	38.12 2.40 0.00	47.92 2.70 0.00	98.71 5.23 0.00	56.68 3.02 0.00	40.10 2.03 0.00	39.05 1.78 0.00	38.42 1.62 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.97 -3.59 1.16	23.81 -3.89 6.28	20.19 -3.54 6.02	21.25 -3.49 5.59	22.53 -3.62 5.36	28.17 -4.18 2.85	35.47 -6.68 9.31	53.91 -9.56 11.42	34.97 -6.20 8.89	32.90 -4.66 6.77	30.40 -3.85 6.22	22.69 -2.91 5.25	22.08 -2.81 5.17	16.85 -2.33 4.50	12.09 -1.64 3.91	15.75 -2.36 4.39	17.66 -2.61 4.71	29.58 -3.84 2.30	40.20 -5.02 0.00	83.09 -10.39 0.00	47.44 -6.22 0.00	34.08 -3.99 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
PACKARD__115KV_DUPONT_184 80571	24.97 -3.59 1.16	23.81 -3.89 6.28	20.19 -3.54 6.02	21.25 -3.49 5.59	22.53 -3.62 5.36	28.17 -4.18 2.85	35.47 -6.68 9.31	53.91 -9.56 11.42	34.97 -6.20 8.89	32.90 -4.66 6.77	30.40 -3.85 6.22	22.69 -2.91 5.25	22.08 -2.81 5.17	16.85 -2.33 4.50	12.09 -1.64 3.91	15.75 -2.36 4.39	17.66 -2.61 4.71	29.58 -3.84 2.30	40.20 -5.02 0.00	83.09 -10.39 0.00	47.44 -6.22 0.00	34.08 -3.99 0.00	34.07 -3.21 0.00	33.92 -2.88 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.06 1.33 -0.01	35.44 1.45 -0.01	31.08 1.32 -0.01	31.65 1.32 0.00	32.89 1.38 0.00	36.68 1.48 0.00	54.06 2.61 0.00	78.75 3.86 0.00	52.81 2.75 0.00	46.73 2.41 0.00	42.59 2.13 0.00	32.54 1.70 0.00	31.77 1.71 0.00	25.07 1.40 0.00	18.67 1.02 -0.01	23.81 1.31 -0.01	26.53 1.56 -0.01	37.76 2.05 0.00	47.41 2.19 0.00	97.72 4.24 0.00	56.20 2.54 0.00	39.75 1.68 0.00	38.73 1.46 0.00	38.12 1.32 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.06 1.34 -0.01	35.48 1.49 -0.01	31.10 1.35 -0.01	31.69 1.36 0.00	32.95 1.44 0.00	36.76 1.56 0.00	54.21 2.76 0.00	79.04 4.15 0.00	52.96 2.90 0.00	46.79 2.47 0.00	42.60 2.14 0.00	32.55 1.70 0.00	31.77 1.71 0.00	25.07 1.40 0.00	18.67 1.02 -0.01	23.81 1.31 -0.01	26.53 1.56 -0.01	37.76 2.05 0.00	47.41 2.19 0.00	97.74 4.26 0.00	56.20 2.54 0.00	39.75 1.68 0.00	38.73 1.46 0.00	38.17 1.37 0.00
PATROON__115KV_TB1 80586	30.89 1.18 0.00	35.33 1.35 0.00	30.96 1.20 0.00	31.58 1.25 0.00	32.84 1.33 0.00	36.72 1.52 0.00	53.73 2.27 0.00	78.15 3.27 0.00	52.30 2.24 0.00	46.27 1.95 0.00	42.12 1.65 0.00	32.08 1.24 0.00	31.23 1.18 0.00	24.57 0.90 0.00	18.28 0.64 0.00	23.37 0.88 0.00	26.01 1.05 0.00	37.22 1.51 0.00	47.04 1.82 0.00	96.90 3.41 0.00	55.63 1.97 0.00	39.47 1.40 0.00	38.52 1.25 0.00	37.92 1.12 0.00
PATTRSNVILLE___SOLAR 323815	30.65 0.94 0.00	35.08 1.10 0.00	30.73 0.98 0.00	31.36 1.02 0.00	32.59 1.07 0.00	36.44 1.24 0.00	53.39 1.94 0.00	77.70 2.82 0.00	51.69 1.63 0.00	45.31 0.98 0.00	41.10 0.64 0.00	31.26 0.42 0.00	30.46 0.40 0.00	23.97 0.30 0.00	17.86 0.22 0.00	22.81 0.31 0.00	25.33 0.36 0.00	36.46 0.74 0.00	46.54 1.32 0.00	96.35 2.87 0.00	55.33 1.68 0.00	39.23 1.16 0.00	38.33 1.06 0.00	37.79 0.99 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.70 -2.21 0.81	27.26 -2.35 4.37	23.31 -2.19 4.24	24.32 -2.11 3.90	25.63 -2.17 3.72	30.76 -2.46 1.98	40.99 -4.02 6.44	61.69 -5.42 7.77	40.38 -3.63 6.05	37.08 -2.57 4.68	34.04 -2.12 4.31	25.64 -1.57 3.64	24.94 -1.53 3.58	19.27 -1.28 3.13	14.05 -0.88 2.71	18.11 -1.34 3.05	20.28 -1.42 3.26	32.09 -2.02 1.60	42.52 -2.70 0.00	88.06 -5.42 0.00	50.29 -3.37 0.00	36.04 -2.03 0.00	35.94 -1.33 0.00	35.66 -1.14 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.13 1.42 0.00	35.57 1.59 0.00	31.17 1.43 0.00	31.80 1.46 0.00	33.08 1.56 0.00	36.95 1.75 0.00	54.36 2.91 0.00	79.22 4.33 0.00	52.98 2.92 0.00	46.84 2.52 0.00	42.57 2.11 0.00	32.49 1.65 0.00	31.68 1.63 0.00	24.98 1.31 0.00	18.59 0.95 0.00	23.74 1.25 0.00	26.47 1.51 0.00	37.78 2.06 0.00	47.65 2.43 0.00	98.28 4.80 0.00	56.42 2.76 0.00	39.92 1.85 0.00	38.87 1.60 0.00	38.23 1.43 0.00
PEEKSKILL____ 23653	30.73 1.02 0.00	35.11 1.12 0.00	30.77 1.02 0.00	31.38 1.04 0.00	32.62 1.11 0.00	36.43 1.23 0.00	53.56 2.11 0.00	78.01 3.13 0.00	52.20 2.15 0.00	46.20 1.88 0.00	42.00 1.54 0.00	32.09 1.24 0.00	31.30 1.25 0.00	24.71 1.03 0.00	18.40 0.76 0.00	23.49 1.00 0.00	26.18 1.21 0.00	37.29 1.58 0.00	47.00 1.78 0.00	96.88 3.40 0.00	55.64 1.98 0.00	39.39 1.32 0.00	38.37 1.10 0.00	37.78 0.98 0.00

PGE MADISON___WINDPWR 24146	30.50 0.51 -0.27	36.10 0.67 -1.45	31.64 0.56 -1.33	32.32 0.71 -1.28	33.59 0.83 -1.25	37.07 1.21 -0.66	56.15 2.53 -2.17	80.40 2.86 -2.66	53.04 0.91 -2.07	45.83 -0.08 -1.58	41.56 -0.35 -1.45	31.28 -0.79 -1.23	30.34 -0.92 -1.20	23.88 -0.76 -0.97	17.93 -0.55 -0.84	23.06 -0.37 -0.94	25.44 -0.53 -1.01	36.28 0.07 -0.49	45.93 0.70 0.00	94.43 0.95 0.00	54.73 1.07 0.00	38.64 0.57 0.00	37.85 0.58 0.00	37.17 0.37 0.00
PIERCEFIELD___HYD 23852	29.89 0.17 0.00	34.10 0.11 0.00	29.77 0.02 0.00	30.27 -0.07 0.00	31.38 -0.14 0.00	35.09 -0.11 0.00	51.24 -0.21 0.00	74.65 -0.23 0.00	49.89 -0.17 0.00	43.98 -0.35 0.00	39.92 -0.54 0.00	30.28 -0.56 0.00	29.49 -0.56 0.00	23.18 -0.49 0.00	17.31 -0.33 0.00	22.09 -0.41 0.00	24.70 -0.27 0.00	35.57 -0.15 0.00	45.44 0.21 0.00	94.85 1.37 0.00	54.37 0.71 0.00	38.50 0.43 0.00	37.79 0.52 0.00	37.45 0.65 0.00
PINELAWN_CC_1 323563	31.55 1.84 0.00	36.02 2.04 0.00	31.57 1.82 0.00	32.27 1.94 0.00	33.56 2.04 0.00	37.38 2.18 0.00	54.80 3.35 0.00	79.20 4.31 0.00	53.27 3.21 0.00	47.39 3.06 0.00	42.90 2.44 0.00	32.72 1.87 0.00	31.88 1.82 0.00	25.11 1.43 0.00	18.67 1.03 0.00	23.85 1.36 0.00	26.67 1.70 0.00	38.06 2.35 0.00	48.01 2.79 0.00	98.55 5.07 0.00	56.77 3.11 0.00	40.38 2.31 0.00	39.19 1.92 0.00	38.56 1.76 0.00
PJM_GEN_HTP_PROXY 323702	31.01 1.30 0.00	35.41 1.42 0.00	31.04 1.29 0.00	31.63 1.30 0.00	32.87 1.35 0.00	36.67 1.47 0.00	54.00 2.55 0.00	78.65 3.76 0.00	52.69 2.63 0.00	46.67 2.34 0.00	42.52 2.05 0.00	32.54 1.69 0.00	31.77 1.72 0.00	25.08 1.41 0.00	18.67 1.03 0.00	23.80 1.31 0.00	26.52 1.55 0.00	37.76 2.04 0.00	47.48 2.26 0.00	97.69 4.22 0.00	56.09 2.43 0.00	39.70 1.63 0.00	38.68 1.41 0.00	38.05 1.25 0.00
PJM_GEN_KEystone 24065	28.99 -0.73 0.00	33.26 -0.72 0.00	29.09 -0.66 0.00	29.73 -0.60 0.00	30.91 -0.61 0.00	34.48 -0.72 0.00	50.50 -0.95 0.00	73.71 -1.18 0.00	49.19 -0.87 0.00	43.80 -0.53 0.00	39.90 -0.56 0.00	30.52 -0.32 0.00	29.76 -0.30 0.00	23.47 -0.20 0.00	17.51 -0.13 0.00	22.29 -0.20 0.00	24.81 -0.15 0.00	35.32 -0.39 0.00	44.45 -0.78 0.00	91.87 -1.61 0.00	52.57 -1.08 0.00	37.33 -0.74 0.00	36.69 -0.58 0.00	36.26 -0.54 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.22 1.50 0.00	35.65 1.66 0.00	31.24 1.49 0.00	31.91 1.58 0.00	33.17 1.66 0.00	36.95 1.75 0.00	54.19 2.74 0.00	78.44 3.55 0.00	52.73 2.67 0.00	46.89 2.56 0.00	42.55 2.09 0.00	32.50 1.66 0.00	31.70 1.64 0.00	24.98 1.30 0.00	18.58 0.94 0.00	23.72 1.23 0.00	26.48 1.51 0.00	37.73 2.01 0.00	47.52 2.29 0.00	97.59 4.11 0.00	56.16 2.50 0.00	39.91 1.85 0.00	38.80 1.53 0.00	38.17 1.37 0.00
PJM_GEN_VFT_PROXY 323633	30.87 1.16 0.00	35.21 1.23 0.00	30.89 1.14 0.00	31.47 1.13 0.00	32.68 1.17 0.00	36.48 1.28 0.00	53.73 2.27 0.00	78.27 3.38 0.00	52.41 2.35 0.00	46.40 2.07 0.00	42.25 1.78 0.00	32.34 1.50 0.00	31.59 1.53 0.00	24.96 1.29 0.00	18.58 0.94 0.00	23.69 1.20 0.00	26.39 1.42 0.00	37.53 1.82 0.00	47.20 1.97 0.00	97.13 3.65 0.00	55.80 2.14 0.00	39.50 1.43 0.00	38.48 1.21 0.00	37.87 1.07 0.00
PLATSBURG_115KV_PMLD1 355749	30.52 0.81 0.00	34.38 0.40 0.00	29.63 -0.12 0.00	29.87 -0.47 0.00	31.08 -0.43 0.00	34.89 -0.31 0.00	50.73 -0.72 0.00	73.55 -1.34 0.00	49.27 -0.79 0.00	43.58 -0.74 0.00	39.56 -0.90 0.00	30.27 -0.58 0.00	29.27 -0.79 0.00	19.41 -0.84 3.42	16.99 -0.65 0.00	21.86 -0.63 0.00	24.30 -0.66 0.00	35.00 -0.71 0.00	45.09 -0.13 0.00	94.98 1.50 0.00	54.75 1.09 0.00	38.41 0.34 0.00	37.72 0.45 0.00	36.91 0.11 0.00
PLEASANTVLY___LBMP 24000	30.78 1.07 0.00	35.18 1.20 0.00	30.84 1.09 0.00	31.45 1.11 0.00	32.69 1.17 0.00	36.48 1.28 0.00	53.56 2.11 0.00	77.95 3.06 0.00	52.19 2.13 0.00	46.23 1.91 0.00	42.08 1.61 0.00	32.13 1.29 0.00	31.35 1.29 0.00	24.71 1.03 0.00	18.38 0.74 0.00	23.48 0.99 0.00	26.15 1.19 0.00	37.27 1.56 0.00	46.96 1.74 0.00	96.78 3.30 0.00	55.59 1.93 0.00	39.36 1.29 0.00	38.35 1.08 0.00	37.76 0.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.95 1.23 0.00	35.36 1.38 0.00	30.99 1.24 0.00	31.59 1.26 0.00	32.83 1.32 0.00	36.65 1.46 0.00	53.87 2.42 0.00	78.50 3.62 0.00	52.55 2.49 0.00	46.54 2.22 0.00	42.36 1.89 0.00	32.37 1.52 0.00	31.58 1.53 0.00	24.91 1.23 0.00	18.53 0.89 0.00	23.67 1.17 0.00	26.37 1.40 0.00	37.55 1.84 0.00	47.29 2.07 0.00	97.42 3.94 0.00	55.95 2.29 0.00	39.62 1.55 0.00	38.60 1.33 0.00	37.97 1.17 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.95 1.23 0.00	35.36 1.38 0.00	30.99 1.24 0.00	31.59 1.26 0.00	32.83 1.32 0.00	36.65 1.46 0.00	53.87 2.42 0.00	78.50 3.62 0.00	52.55 2.49 0.00	46.54 2.22 0.00	42.36 1.89 0.00	32.37 1.52 0.00	31.58 1.53 0.00	24.91 1.23 0.00	18.53 0.89 0.00	23.67 1.17 0.00	26.37 1.40 0.00	37.55 1.84 0.00	47.29 2.07 0.00	97.42 3.94 0.00	55.95 2.29 0.00	39.62 1.55 0.00	38.60 1.33 0.00	37.97 1.17 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.99 1.28 0.00	35.42 1.44 0.00	31.05 1.30 0.00	31.66 1.33 0.00	32.93 1.41 0.00	36.76 1.57 0.00	54.02 2.57 0.00	78.70 3.81 0.00	52.63 2.58 0.00	46.56 2.23 0.00	42.31 1.85 0.00	32.27 1.43 0.00	31.47 1.41 0.00	24.80 1.13 0.00	18.45 0.81 0.00	23.58 1.09 0.00	26.29 1.32 0.00	37.53 1.82 0.00	47.37 2.14 0.00	97.71 4.23 0.00	56.11 2.45 0.00	39.72 1.65 0.00	38.67 1.40 0.00	38.06 1.26 0.00
POLETTI___ 23519	31.06 1.35 0.00	35.44 1.46 0.00	31.08 1.33 0.00	31.66 1.33 0.00	32.90 1.39 0.00	36.72 1.52 0.00	54.05 2.60 0.00	78.77 3.89 0.00	52.77 2.71 0.00	46.73 2.41 0.00	42.58 2.12 0.00	32.59 1.75 0.00	31.83 1.77 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.81 2.09 0.00	47.52 2.30 0.00	97.79 4.31 0.00	56.18 2.52 0.00	39.75 1.68 0.00	38.72 1.45 0.00	38.10 1.30 0.00
POMONA___ESR 323819	30.68 0.97 0.00	35.06 1.08 0.00	30.73 0.98 0.00	31.34 1.00 0.00	32.59 1.07 0.00	36.39 1.20 0.00	53.51 2.06 0.00	77.97 3.09 0.00	52.15 2.09 0.00	46.16 1.84 0.00	41.94 1.48 0.00	32.05 1.20 0.00	31.26 1.21 0.00	24.69 1.02 0.00	18.39 0.75 0.00	23.47 0.98 0.00	26.17 1.20 0.00	37.27 1.56 0.00	46.97 1.75 0.00	96.85 3.37 0.00	55.61 1.95 0.00	39.36 1.29 0.00	38.35 1.08 0.00	37.76 0.96 0.00
PORT_JEFF_3 23555	31.71 2.00 0.00	36.21 2.23 0.00	31.74 1.99 0.00	32.48 2.14 0.00	33.80 2.28 0.00	37.60 2.40 0.00	54.86 3.41 0.00	79.03 4.14 0.00	53.26 3.20 0.00	47.60 3.27 0.00	43.00 2.53 0.00	32.81 1.96 0.00	31.93 1.87 0.00	25.13 1.46 0.00	18.68 1.04 0.00	23.86 1.37 0.00	26.71 1.74 0.00	38.14 2.43 0.00	48.11 2.89 0.00	98.47 4.99 0.00	56.75 3.09 0.00	40.49 2.42 0.00	39.29 2.02 0.00	38.68 1.87 0.00

PORT_JEFF_4 23616	31.71 2.00 0.00	36.21 2.23 0.00	31.74 1.99 0.00	32.48 2.14 0.00	33.80 2.28 0.00	37.60 2.40 0.00	54.86 3.41 0.00	79.03 4.14 0.00	53.26 3.20 0.00	47.60 3.27 0.00	43.00 2.53 0.00	32.81 1.96 0.00	31.93 1.87 0.00	25.13 1.46 0.00	18.68 1.04 0.00	23.86 1.37 0.00	26.71 1.74 0.00	38.14 2.43 0.00	48.11 2.89 0.00	98.47 4.99 0.00	56.75 3.09 0.00	40.49 2.42 0.00	39.29 2.02 0.00	38.68 1.87 0.00
PORT_JEFF_IC 23713	31.71 2.00 0.00	36.21 2.22 0.00	31.73 1.98 0.00	32.47 2.14 0.00	34.17 2.28 -0.38	38.73 2.40 -1.13	54.88 3.43 0.00	78.09 4.18 0.98	53.28 3.22 0.00	47.59 3.27 0.00	43.01 2.55 0.00	32.81 1.96 0.00	31.93 1.88 0.00	25.12 1.45 0.00	18.68 1.04 0.00	23.87 1.37 0.00	26.71 1.75 0.00	38.15 2.43 0.00	48.14 2.91 0.00	98.49 5.01 0.00	56.76 3.10 0.00	40.50 2.43 0.00	39.30 2.03 0.00	38.70 1.90 0.00
PPL_PILGRIM_ST_GT1 24216	31.75 2.03 0.00	36.25 2.27 0.00	31.78 2.03 0.00	32.50 2.17 0.00	33.80 2.29 0.00	37.62 2.43 0.00	55.10 3.65 0.00	79.29 4.40 0.00	53.49 3.43 0.00	47.69 3.37 0.00	43.14 2.68 0.00	32.91 2.07 0.00	32.07 2.01 0.00	25.25 1.58 0.00	18.77 1.13 0.00	23.97 1.48 0.00	26.82 1.85 0.00	38.27 2.56 0.00	48.25 3.03 0.00	98.94 5.46 0.00	57.03 3.37 0.00	40.60 2.54 0.00	39.41 2.14 0.00	38.76 1.96 0.00
PPL_PILGRIM_ST_GT2 24217	31.75 2.03 0.00	36.25 2.27 0.00	31.78 2.03 0.00	32.50 2.17 0.00	33.80 2.29 0.00	37.62 2.43 0.00	55.10 3.65 0.00	79.29 4.40 0.00	53.49 3.43 0.00	47.69 3.37 0.00	43.14 2.68 0.00	32.91 2.07 0.00	32.07 2.01 0.00	25.25 1.58 0.00	18.77 1.13 0.00	23.97 1.48 0.00	26.82 1.85 0.00	38.27 2.56 0.00	48.25 3.03 0.00	98.94 5.46 0.00	57.03 3.37 0.00	40.60 2.54 0.00	39.41 2.14 0.00	38.76 1.96 0.00
PPL_SHRM_GT3 24213	31.81 2.09 0.00	36.31 2.33 0.00	31.86 2.11 0.00	32.63 2.30 0.00	37.28 2.46 -3.30	47.69 2.59 -9.91	54.65 3.20 0.00	69.70 3.42 8.60	52.89 2.83 0.00	47.69 3.36 0.00	42.98 2.51 0.00	32.75 1.90 0.00	31.83 1.77 0.00	25.02 1.34 0.00	18.59 0.95 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.09 2.38 0.00	48.12 2.90 0.00	97.58 4.10 0.00	56.26 2.60 0.00	40.51 2.44 0.00	39.21 1.94 0.00	38.71 1.91 0.00
PPL_SHRM_GT4 24214	31.81 2.09 0.00	36.31 2.33 0.00	31.86 2.11 0.00	32.63 2.30 0.00	37.28 2.46 -3.30	47.69 2.59 -9.91	54.65 3.20 0.00	69.70 3.42 8.60	52.89 2.83 0.00	47.69 3.36 0.00	42.98 2.51 0.00	32.75 1.90 0.00	31.83 1.77 0.00	25.02 1.34 0.00	18.59 0.95 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.09 2.38 0.00	48.12 2.90 0.00	97.58 4.10 0.00	56.26 2.60 0.00	40.51 2.44 0.00	39.21 1.94 0.00	38.71 1.91 0.00
PROJECT___ORANGE 1 24174	28.79 -0.92 0.00	32.99 -0.99 0.00	28.88 -0.87 0.00	29.49 -0.85 0.00	30.66 -0.86 0.00	34.21 -0.98 0.00	50.03 -1.42 0.00	72.94 -1.95 0.00	48.63 -1.44 0.00	43.04 -1.28 0.00	39.41 -1.05 0.00	30.05 -0.79 0.00	29.28 -0.78 0.00	23.07 -0.60 0.00	17.21 -0.43 0.00	21.90 -0.60 0.00	24.26 -0.70 0.00	34.72 -0.99 0.00	43.95 -1.27 0.00	90.83 -2.65 0.00	52.08 -1.58 0.00	37.00 -1.07 0.00	36.27 -1.00 0.00	35.86 -0.94 0.00
PROJECT___ORANGE 2 24166	28.79 -0.92 0.00	32.99 -0.99 0.00	28.88 -0.87 0.00	29.49 -0.85 0.00	30.66 -0.86 0.00	34.21 -0.98 0.00	50.03 -1.42 0.00	72.94 -1.95 0.00	48.63 -1.44 0.00	43.04 -1.28 0.00	39.41 -1.05 0.00	30.05 -0.79 0.00	29.28 -0.78 0.00	23.07 -0.60 0.00	17.21 -0.43 0.00	21.90 -0.60 0.00	24.26 -0.70 0.00	34.72 -0.99 0.00	43.95 -1.27 0.00	90.83 -2.65 0.00	52.08 -1.58 0.00	37.00 -1.07 0.00	36.27 -1.00 0.00	35.86 -0.94 0.00
PUCKETT___SOLAR 323809	29.17 -0.55 0.00	33.51 -0.47 0.00	29.30 -0.45 0.00	30.02 -0.31 0.00	31.19 -0.32 0.00	34.93 -0.27 0.00	51.34 -0.12 0.00	74.76 -0.13 0.00	49.48 -0.58 0.00	43.65 -0.67 0.00	39.62 -0.84 0.00	30.04 -0.80 0.00	29.20 -0.86 0.00	23.05 -0.63 0.00	17.17 -0.47 0.00	21.88 -0.61 0.00	24.37 -0.60 0.00	35.21 -0.50 0.00	44.80 -0.43 0.00	92.26 -1.22 0.00	53.04 -0.61 0.00	37.60 -0.47 0.00	36.87 -0.40 0.00	36.41 -0.40 0.00
PYRITES___HYD 24023	30.57 0.86 0.00	34.87 0.89 0.00	30.45 0.70 0.00	30.96 0.63 0.00	32.13 0.61 0.00	35.94 0.74 0.00	52.52 1.07 0.00	76.59 1.71 0.00	51.08 1.02 0.00	44.75 0.42 0.00	40.51 0.05 0.00	30.68 -0.16 0.00	29.86 -0.19 0.00	23.49 -0.18 0.00	17.58 -0.06 0.00	22.39 -0.11 0.00	25.25 0.29 0.00	36.39 0.67 0.00	46.53 1.31 0.00	97.50 4.02 0.00	55.87 2.21 0.00	39.55 1.49 0.00	38.81 1.54 0.00	38.43 1.63 0.00
QUAKERRD_115KV_BK1 80622	27.49 -2.23 0.00	31.54 -2.44 0.00	27.56 -2.19 0.00	28.19 -2.15 0.00	29.31 -2.21 0.00	32.69 -2.51 0.00	47.65 -3.80 0.00	69.61 -5.28 0.00	46.47 -3.59 0.00	41.31 -3.02 0.00	37.91 -2.56 0.00	28.89 -1.95 0.00	28.14 -1.92 0.00	22.11 -1.56 0.00	16.52 -1.13 0.00	20.93 -1.56 0.00	23.25 -1.72 0.00	33.29 -2.43 0.00	42.19 -3.03 0.00	87.26 -6.22 0.00	49.93 -3.72 0.00	35.59 -2.48 0.00	35.11 -2.16 0.00	34.79 -2.02 0.00
QUEENSBRY_115KV_TB8 356137	31.69 1.98 0.00	36.33 2.35 0.00	31.79 2.04 0.00	32.54 2.21 0.00	33.85 2.34 0.00	38.14 2.95 0.00	56.11 4.66 0.00	81.81 6.93 0.00	54.83 4.77 0.00	48.08 3.76 0.00	43.43 2.97 0.00	32.84 1.99 0.00	31.93 1.87 0.00	24.93 1.26 0.00	18.57 0.94 0.00	23.82 1.33 0.00	26.38 1.42 0.00	37.57 1.85 0.00	47.55 2.33 0.00	97.78 4.30 0.00	56.17 2.51 0.00	39.71 1.65 0.00	38.69 1.42 0.00	38.02 1.22 0.00
RAMAPO___LBMP 323565	30.55 0.84 0.00	34.92 0.93 0.00	30.61 0.85 0.00	31.21 0.88 0.00	32.46 0.94 0.00	36.24 1.05 0.00	53.29 1.84 0.00	77.65 2.77 0.00	51.93 1.87 0.00	45.95 1.63 0.00	41.75 1.28 0.00	31.89 1.04 0.00	31.11 1.05 0.00	24.56 0.89 0.00	18.31 0.66 0.00	23.36 0.87 0.00	26.03 1.07 0.00	37.09 1.38 0.00	46.73 1.50 0.00	96.39 2.91 0.00	55.36 1.70 0.00	39.17 1.10 0.00	38.18 0.91 0.00	37.60 0.80 0.00
RANKINE____ 23646	26.25 -2.56 0.90	26.33 -2.75 4.91	22.45 -2.55 4.75	23.49 -2.46 4.38	24.80 -2.53 4.18	30.09 -2.89 2.23	39.54 -4.65 7.26	59.42 -6.51 8.95	38.80 -4.29 6.97	36.00 -3.04 5.29	33.12 -2.49 4.85	24.90 -1.85 4.10	24.21 -1.81 4.03	18.64 -1.51 3.51	13.54 -1.05 3.05	17.50 -1.57 3.42	19.65 -1.65 3.67	31.52 -2.40 1.80	42.02 -3.20 0.00	86.97 -6.50 0.00	49.65 -4.01 0.00	35.64 -2.42 0.00	35.60 -1.67 0.00	35.35 -1.46 0.00
RAVENSWOOD_GT2_1 24244	31.07 1.36 0.00	35.47 1.49 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.41 0.00	36.74 1.54 0.00	54.09 2.63 0.00	78.80 3.92 0.00	52.80 2.74 0.00	46.76 2.43 0.00	42.60 2.14 0.00	32.61 1.76 0.00	31.84 1.78 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.81 2.10 0.00	47.53 2.31 0.00	97.86 4.38 0.00	56.20 2.54 0.00	39.77 1.70 0.00	38.74 1.47 0.00	38.12 1.32 0.00

RAVENSWOOD_GT2_2 24245	31.07 1.36 0.00	35.47 1.49 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.41 0.00	36.74 1.54 0.00	54.09 2.63 0.00	78.80 3.92 0.00	52.80 2.74 0.00	46.76 2.43 0.00	42.60 2.14 0.00	32.61 1.76 0.00	31.84 1.78 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.81 2.10 0.00	47.53 2.31 0.00	97.86 4.38 0.00	56.20 2.54 0.00	39.77 1.70 0.00	38.74 1.47 0.00	38.12 1.32 0.00
RAVENSWOOD_GT2_3 24246	31.08 1.37 0.00	35.48 1.50 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.10 2.65 0.00	78.84 3.96 0.00	52.83 2.77 0.00	46.78 2.45 0.00	42.63 2.16 0.00	32.62 1.78 0.00	31.85 1.79 0.00	25.13 1.46 0.00	18.71 1.07 0.00	23.86 1.37 0.00	26.59 1.62 0.00	37.84 2.13 0.00	47.56 2.34 0.00	97.88 4.41 0.00	56.23 2.57 0.00	39.79 1.72 0.00	38.76 1.49 0.00	38.14 1.34 0.00
RAVENSWOOD_GT2_4 24247	31.08 1.37 0.00	35.48 1.50 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.42 0.00	36.75 1.55 0.00	54.10 2.65 0.00	78.84 3.96 0.00	52.83 2.77 0.00	46.78 2.45 0.00	42.63 2.16 0.00	32.62 1.78 0.00	31.85 1.79 0.00	25.13 1.46 0.00	18.71 1.07 0.00	23.86 1.37 0.00	26.59 1.62 0.00	37.84 2.13 0.00	47.56 2.34 0.00	97.88 4.41 0.00	56.23 2.57 0.00	39.79 1.72 0.00	38.76 1.49 0.00	38.14 1.34 0.00
RAVENSWOOD_GT3_1 24248	31.07 1.36 0.00	35.47 1.49 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.41 0.00	36.74 1.54 0.00	54.09 2.63 0.00	78.80 3.92 0.00	52.80 2.74 0.00	46.77 2.44 0.00	42.60 2.14 0.00	32.61 1.76 0.00	31.84 1.78 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.81 2.10 0.00	47.53 2.31 0.00	97.86 4.38 0.00	56.20 2.54 0.00	39.77 1.70 0.00	38.74 1.47 0.00	38.12 1.32 0.00
RAVENSWOOD_GT3_2 24249	31.07 1.36 0.00	35.47 1.49 0.00	31.10 1.35 0.00	31.69 1.36 0.00	32.93 1.41 0.00	36.74 1.54 0.00	54.09 2.63 0.00	78.80 3.92 0.00	52.80 2.74 0.00	46.77 2.44 0.00	42.60 2.14 0.00	32.61 1.76 0.00	31.84 1.78 0.00	25.12 1.45 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.81 2.10 0.00	47.53 2.31 0.00	97.86 4.38 0.00	56.20 2.54 0.00	39.77 1.70 0.00	38.74 1.47 0.00	38.12 1.32 0.00
RAVENSWOOD_GT3_3 24250	31.11 1.40 0.00	35.51 1.53 0.00	31.13 1.38 0.00	31.72 1.39 0.00	32.96 1.45 0.00	36.79 1.59 0.00	54.15 2.70 0.00	78.92 4.03 0.00	52.88 2.82 0.00	46.84 2.51 0.00	42.67 2.20 0.00	32.66 1.81 0.00	31.88 1.82 0.00	25.16 1.49 0.00	18.73 1.09 0.00	23.89 1.40 0.00	26.61 1.65 0.00	37.88 2.16 0.00	47.61 2.39 0.00	98.01 4.53 0.00	56.28 2.63 0.00	39.82 1.76 0.00	38.79 1.52 0.00	38.17 1.38 0.00
RAVENSWOOD_GT3_4 24251	31.11 1.40 0.00	35.51 1.53 0.00	31.13 1.38 0.00	31.72 1.39 0.00	32.96 1.45 0.00	36.79 1.59 0.00	54.15 2.70 0.00	78.92 4.03 0.00	52.88 2.82 0.00	46.84 2.51 0.00	42.67 2.20 0.00	32.66 1.81 0.00	31.88 1.82 0.00	25.16 1.49 0.00	18.73 1.09 0.00	23.89 1.40 0.00	26.61 1.65 0.00	37.88 2.16 0.00	47.61 2.39 0.00	98.01 4.53 0.00	56.28 2.63 0.00	39.82 1.76 0.00	38.79 1.52 0.00	38.17 1.38 0.00
RAVENSWOOD_GT_1 23729	37.18 1.48 -5.99	40.54 1.60 -4.95	37.07 1.47 -5.85	37.42 1.45 -5.63	38.51 1.53 -5.47	41.54 1.64 -4.70	55.69 2.78 -1.46	79.60 4.17 -0.54	54.93 2.94 -1.93	49.79 2.62 -2.84	46.42 2.36 -3.59	38.62 1.93 -5.85	38.45 1.94 -6.45	33.43 1.58 -8.18	28.76 1.15 -9.97	32.29 1.48 -8.32	33.52 1.73 -6.82	43.10 2.28 -5.10	51.67 2.49 -3.96	98.56 4.69 -0.39	61.29 2.74 -4.89	44.24 1.84 -4.34	43.41 1.60 -4.54	43.36 1.46 -5.10
RAVENSWOOD_GT_10 24258	31.76 1.35 -0.69	36.03 1.47 -0.57	31.77 1.34 -0.68	32.33 1.35 -0.65	33.56 1.41 -0.63	37.28 1.54 -0.54	54.25 2.63 -0.17	78.86 3.91 -0.06	53.01 2.73 -0.22	47.08 2.43 -0.33	43.01 2.13 -0.41	33.27 1.75 -0.68	32.57 1.77 -0.74	26.06 1.44 -0.94	19.84 1.06 -1.15	24.81 1.36 -0.96	27.34 1.61 -0.77	38.40 2.10 -0.58	47.98 2.31 -0.46	97.89 4.36 -0.05	56.76 2.53 -0.56	40.26 1.69 -0.50	39.26 1.47 -0.52	38.70 1.32 -0.59
RAVENSWOOD_GT_11 24259	31.76 1.35 -0.69	36.03 1.47 -0.57	31.77 1.34 -0.68	32.33 1.35 -0.65	33.56 1.41 -0.63	37.28 1.54 -0.54	54.25 2.63 -0.17	78.86 3.91 -0.06	53.01 2.73 -0.22	47.08 2.43 -0.33	43.01 2.13 -0.41	33.27 1.75 -0.68	32.57 1.77 -0.74	26.06 1.44 -0.94	19.84 1.06 -1.15	24.81 1.36 -0.96	27.34 1.61 -0.77	38.40 2.10 -0.58	47.98 2.31 -0.46	97.89 4.36 -0.05	56.76 2.53 -0.56	40.26 1.69 -0.50	39.26 1.47 -0.52	38.70 1.32 -0.59
RAVENSWOOD_GT_4 24252	35.61 1.34 -4.56	39.22 1.46 -3.77	35.53 1.32 -4.46	35.95 1.33 -4.29	37.07 1.39 -4.17	40.30 1.52 -3.58	55.18 2.61 -1.11	79.18 3.88 -0.41	54.24 2.71 -1.47	48.89 2.40 -2.16	45.29 2.10 -2.73	37.02 1.73 -4.45	36.71 1.74 -4.91	31.32 1.42 -6.23	26.27 1.04 -7.59	30.16 1.34 -6.33	31.74 1.58 -5.19	41.67 2.07 -3.89	50.53 2.29 -3.01	98.08 4.31 -0.30	59.90 2.52 -3.73	43.05 1.68 -3.30	42.17 1.45 -3.46	41.98 1.30 -3.88
RAVENSWOOD_GT_5 24254	35.61 1.34 -4.56	39.22 1.46 -3.77	35.53 1.32 -4.46	35.95 1.33 -4.29	37.07 1.39 -4.17	40.30 1.52 -3.58	55.18 2.61 -1.11	79.18 3.88 -0.41	54.24 2.71 -1.47	48.89 2.40 -2.16	45.29 2.10 -2.73	37.02 1.73 -4.45	36.71 1.74 -4.91	31.32 1.42 -6.23	26.27 1.04 -7.59	30.16 1.34 -6.33	31.74 1.58 -5.19	41.67 2.07 -3.89	50.53 2.29 -3.01	98.08 4.31 -0.30	59.90 2.52 -3.73	43.05 1.68 -3.30	42.17 1.45 -3.46	41.98 1.30 -3.88
RAVENSWOOD_GT_6 24253	35.61 1.34 -4.56	39.22 1.46 -3.77	35.53 1.32 -4.46	35.95 1.33 -4.29	37.07 1.39 -4.17	40.30 1.52 -3.58	55.18 2.61 -1.11	79.18 3.88 -0.41	54.24 2.71 -1.47	48.89 2.40 -2.16	45.29 2.10 -2.73	37.02 1.73 -4.45	36.71 1.74 -4.91	31.32 1.42 -6.23	26.27 1.04 -7.59	30.16 1.34 -6.33	31.74 1.58 -5.19	41.67 2.07 -3.89	50.53 2.29 -3.01	98.08 4.31 -0.30	59.90 2.52 -3.73	43.05 1.68 -3.30	42.17 1.45 -3.46	41.98 1.30 -3.88
RAVENSWOOD_GT_7 24255	35.61 1.34 -4.56	39.22 1.46 -3.77	35.53 1.32 -4.46	35.95 1.33 -4.29	37.07 1.39 -4.17	40.30 1.52 -3.58	55.18 2.61 -1.11	79.18 3.88 -0.41	54.24 2.71 -1.47	48.89 2.40 -2.16	45.29 2.10 -2.73	37.02 1.73 -4.45	36.71 1.74 -4.91	31.32 1.42 -6.23	26.27 1.04 -7.59	30.16 1.34 -6.33	31.74 1.58 -5.19	41.67 2.07 -3.89	50.53 2.29 -3.01	98.08 4.31 -0.30	59.90 2.52 -3.73	43.05 1.68 -3.30	42.17 1.45 -3.46	41.98 1.30 -3.88
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.76 1.35 -0.69	36.03 1.47 -0.57	31.77 1.34 -0.68	32.33 1.35 -0.65	33.56 1.41 -0.63	37.28 1.54 -0.54	54.25 2.63 -0.17	78.86 3.91 -0.06	53.01 2.73 -0.22	47.08 2.43 -0.33	43.01 2.13 -0.41	33.27 1.75 -0.68	32.57 1.77 -0.74	26.06 1.44 -0.94	19.84 1.06 -1.15	24.81 1.36 -0.96	27.34 1.61 -0.77	38.40 2.10 -0.58	47.98 2.31 -0.46	97.89 4.36 -0.05	56.76 2.53 -0.56	40.26 1.69 -0.50	39.26 1.47 -0.52	38.70 1.32 -0.59

RAVENSWOOD_GT_9 24257	31.76 1.35 -0.69	36.03 1.47 -0.57	31.77 1.34 -0.68	32.33 1.35 -0.65	33.56 1.41 -0.63	37.28 1.54 -0.54	54.25 2.63 -0.17	78.86 3.91 -0.06	53.01 2.73 -0.22	47.08 2.43 -0.33	43.01 2.13 -0.41	33.27 1.75 -0.68	32.57 1.77 -0.74	26.06 1.44 -0.94	19.84 1.06 -1.15	24.81 1.36 -0.96	27.34 1.61 -0.77	38.40 2.10 -0.58	47.98 2.31 -0.46	97.89 4.36 -0.05	56.76 2.53 -0.56	40.26 1.69 -0.50	39.26 1.47 -0.52	38.70 1.32 -0.59
RAVENSWOOD___1 23533	25.30 1.47 5.88	30.71 1.59 4.87	25.45 1.45 5.75	26.22 1.43 5.54	27.61 1.48 5.39	32.17 1.61 4.63	52.75 2.73 1.44	78.47 4.11 0.53	51.06 2.90 1.90	44.10 2.58 2.80	39.24 2.31 3.53	28.10 1.90 4.64	28.22 1.92 3.75	20.62 1.57 4.63	13.66 1.15 5.13	18.82 1.47 5.14	19.99 1.73 6.70	32.95 2.26 5.02	43.78 2.45 3.90	97.70 4.61 0.38	51.53 2.69 4.82	35.61 1.82 4.27	34.39 1.59 4.47	33.21 1.43 5.02
RAVENSWOOD___2 23534	25.30 1.47 5.88	30.71 1.59 4.87	25.45 1.45 5.75	26.22 1.43 5.54	27.61 1.48 5.39	32.17 1.61 4.63	52.75 2.73 1.44	78.47 4.11 0.53	51.06 2.90 1.90	44.10 2.58 2.80	39.24 2.31 3.53	28.10 1.90 4.64	28.22 1.92 3.75	20.62 1.57 4.63	13.66 1.15 5.13	18.82 1.47 5.14	19.99 1.73 6.70	32.95 2.26 5.02	43.78 2.45 3.90	97.70 4.61 0.38	51.53 2.69 4.82	35.61 1.82 4.27	34.39 1.59 4.47	33.21 1.43 5.02
RAVENSWOOD___3 23535	31.07 1.35 0.00	35.45 1.47 0.00	31.09 1.34 0.00	31.68 1.35 0.00	32.92 1.40 0.00	36.73 1.54 0.00	54.07 2.62 0.00	78.80 3.91 0.00	52.78 2.72 0.00	46.76 2.43 0.00	42.59 2.13 0.00	32.60 1.75 0.00	31.83 1.77 0.00	25.13 1.45 0.00	18.70 1.06 0.00	23.85 1.36 0.00	26.57 1.61 0.00	37.82 2.10 0.00	47.54 2.32 0.00	97.86 4.38 0.00	56.19 2.53 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.12 1.32 0.00
RAVENSWOOD___4 23820	25.30 1.47 5.88	30.71 1.59 4.87	25.45 1.45 5.75	26.22 1.43 5.54	27.61 1.48 5.39	32.17 1.61 4.63	52.75 2.73 1.44	78.47 4.11 0.53	51.06 2.90 1.90	44.10 2.58 2.80	39.24 2.31 3.53	28.10 1.90 4.64	28.22 1.92 3.75	20.62 1.57 4.63	13.66 1.15 5.13	18.82 1.47 5.14	19.99 1.73 6.70	32.95 2.26 5.02	43.78 2.45 3.90	97.70 4.61 0.38	51.53 2.69 4.82	35.61 1.82 4.27	34.39 1.59 4.47	33.21 1.43 5.02
RCPL_TRUST___DRP 24196	31.04 1.33 0.00	35.44 1.45 0.00	31.06 1.31 0.00	31.66 1.32 0.00	32.89 1.38 0.00	36.72 1.52 0.00	54.06 2.61 0.00	78.78 3.89 0.00	52.76 2.70 0.00	46.75 2.42 0.00	42.61 2.15 0.00	32.62 1.77 0.00	31.85 1.79 0.00	25.13 1.46 0.00	18.71 1.07 0.00	23.86 1.37 0.00	26.58 1.61 0.00	37.84 2.13 0.00	47.57 2.34 0.00	97.85 4.37 0.00	56.18 2.52 0.00	39.75 1.68 0.00	38.72 1.45 0.00	38.09 1.29 0.00
RED___ROCHESTER 323720	27.77 -1.72 0.23	31.18 -1.81 1.00	28.10 -1.65 0.00	28.00 -1.61 0.72	28.83 -1.63 1.05	32.76 -1.88 0.56	46.75 -2.87 1.83	68.74 -3.90 2.25	45.67 -2.64 1.75	40.84 -2.16 1.33	37.52 -1.72 1.22	28.50 -1.32 1.03	27.84 -1.29 0.93	22.57 -1.11 0.00	16.87 -0.77 0.00	21.37 -1.13 0.00	23.75 -1.21 0.00	34.00 -1.72 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.02 -2.64 0.00	36.35 -1.72 0.00	35.96 -1.31 0.00	35.62 -1.19 0.00
REGAN___SOLAR 323812	31.22 1.50 0.00	35.74 1.76 0.00	31.32 1.57 0.00	31.96 1.62 0.00	33.22 1.71 0.00	37.17 1.97 0.00	54.60 3.14 0.00	79.58 4.69 0.00	52.35 2.29 0.00	45.01 0.68 0.00	40.48 0.02 0.00	30.68 -0.16 0.00	29.91 -0.14 0.00	23.54 -0.13 0.00	17.55 -0.09 0.00	22.46 -0.04 0.00	24.84 -0.13 0.00	36.33 0.62 0.00	47.36 2.14 0.00	98.74 5.26 0.00	56.69 3.04 0.00	40.18 2.11 0.00	39.26 1.99 0.00	38.75 1.95 0.00
RENSSELAER___COGEN 23796	30.77 1.06 0.00	35.19 1.21 0.00	30.83 1.08 0.00	31.45 1.11 0.00	32.70 1.19 0.00	36.56 1.37 0.00	53.47 2.02 0.00	77.80 2.91 0.00	52.04 1.99 0.00	46.03 1.71 0.00	41.88 1.41 0.00	31.90 1.06 0.00	31.08 1.02 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.25 0.76 0.00	25.87 0.90 0.00	37.02 1.31 0.00	46.78 1.56 0.00	96.35 2.87 0.00	55.38 1.72 0.00	39.29 1.22 0.00	38.34 1.08 0.00	37.75 0.95 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.84 3.13 0.00	37.47 3.49 0.00	32.76 3.01 0.00	33.68 3.34 0.00	34.99 3.47 0.00	39.50 4.30 0.00	58.36 6.91 0.00	85.29 10.40 0.00	57.20 7.14 0.00	49.99 5.67 0.00	45.21 4.74 0.00	34.00 3.16 0.00	33.11 3.05 0.00	25.57 1.90 0.00	19.09 1.45 0.00	24.58 2.08 0.00	27.43 2.46 0.00	39.27 3.55 0.00	49.63 4.41 0.00	102.13 8.65 0.00	58.86 5.20 0.00	41.53 3.46 0.00	40.36 3.09 0.00	39.45 2.65 0.00
REVERE_CPFR_DRP 24186	30.29 0.58 0.00	34.72 0.74 0.00	30.40 0.65 0.00	30.98 0.64 0.00	32.15 0.63 0.00	35.99 0.79 0.00	52.95 1.50 0.00	77.30 2.41 0.00	51.36 1.30 0.00	44.92 0.60 0.00	40.78 0.31 0.00	30.90 0.06 0.00	30.03 -0.03 0.00	23.72 0.05 0.00	17.64 0.00 0.00	22.54 0.05 0.00	25.17 0.21 0.00	36.26 0.55 0.00	46.42 1.20 0.00	96.30 2.82 0.00	55.16 1.50 0.00	39.13 1.06 0.00	38.25 0.98 0.00	37.83 1.02 0.00
REYNOLDS_115KV_TB3 80639	30.78 1.07 0.00	35.21 1.23 0.00	30.85 1.10 0.00	31.47 1.13 0.00	32.72 1.21 0.00	36.59 1.39 0.00	53.41 1.96 0.00	77.66 2.78 0.00	52.06 2.00 0.00	46.19 1.86 0.00	42.05 1.59 0.00	32.00 1.16 0.00	31.16 1.10 0.00	24.48 0.81 0.00	18.19 0.55 0.00	23.28 0.79 0.00	25.92 0.95 0.00	37.04 1.33 0.00	46.74 1.51 0.00	96.18 2.70 0.00	55.32 1.66 0.00	39.26 1.19 0.00	38.31 1.04 0.00	37.71 0.91 0.00
RIVERBAY____ 323610	31.06 1.34 -0.01	35.48 1.49 -0.01	31.10 1.35 -0.01	31.69 1.36 0.00	32.95 1.44 0.00	36.76 1.56 0.00	54.21 2.76 0.00	79.04 4.15 0.00	52.96 2.90 0.00	46.79 2.47 0.00	42.60 2.14 0.00	32.55 1.70 0.00	31.77 1.71 0.00	25.07 1.40 0.00	18.67 1.02 -0.01	23.81 1.31 -0.01	26.53 1.56 -0.01	37.76 2.05 0.00	47.41 2.19 0.00	97.74 4.26 0.00	56.20 2.54 0.00	39.75 1.68 0.00	38.73 1.46 0.00	38.17 1.37 0.00
RIVERSDE_115KV_TB3 55908	30.81 1.10 0.00	35.25 1.26 0.00	30.87 1.12 0.00	31.50 1.17 0.00	32.75 1.24 0.00	36.62 1.42 0.00	53.51 2.06 0.00	77.86 2.97 0.00	52.14 2.08 0.00	46.19 1.87 0.00	42.05 1.58 0.00	32.01 1.17 0.00	31.17 1.12 0.00	24.51 0.84 0.00	18.23 0.58 0.00	23.31 0.81 0.00	25.95 0.98 0.00	37.10 1.39 0.00	46.85 1.63 0.00	96.45 2.97 0.00	55.44 1.78 0.00	39.34 1.27 0.00	38.39 1.11 0.00	37.78 0.98 0.00
ROARING___BROOK_WT_PWR 323790	29.20 -0.51 0.00	33.44 -0.54 0.00	29.31 -0.44 0.00	29.83 -0.51 0.00	30.81 -0.70 0.00	34.39 -0.81 0.00	50.25 -1.20 0.00	73.06 -1.83 0.00	48.92 -1.14 0.00	43.40 -0.93 0.00	39.62 -0.85 0.00	30.14 -0.70 0.00	29.38 -0.67 0.00	23.08 -0.59 0.00	17.20 -0.44 0.00	21.97 -0.53 0.00	24.39 -0.58 0.00	34.98 -0.73 0.00	44.37 -0.85 0.00	92.18 -1.30 0.00	52.96 -0.70 0.00	37.59 -0.48 0.00	36.91 -0.36 0.00	36.75 -0.05 0.00

ROCHESRG_115KV_T4 355643	27.46 -1.99 0.26	30.44 -2.15 1.39	26.57 -1.95 1.23	27.20 -1.91 1.22	28.34 -1.97 1.21	32.29 -2.27 0.65	45.86 -3.49 2.11	67.47 -4.83 2.59	44.80 -3.25 2.02	40.18 -2.61 1.53	36.93 -2.13 1.41	28.05 -1.61 1.19	27.32 -1.58 1.16	21.42 -1.30 0.96	15.89 -0.93 0.83	20.23 -1.33 0.93	22.50 -1.46 1.00	33.11 -2.11 0.49	42.53 -2.70 0.00	88.03 -5.45 0.00	50.35 -3.31 0.00	35.92 -2.14 0.00	35.54 -1.74 0.00	35.22 -1.58 0.00
ROCHESTER_9_IC 23652	27.63 -1.85 0.23	31.00 -1.99 0.99	27.94 -1.81 0.00	27.85 -1.76 0.72	28.65 -1.81 1.05	32.56 -2.08 0.56	46.42 -3.21 1.83	68.26 -4.38 2.25	45.36 -2.95 1.75	40.59 -2.40 1.33	37.31 -1.94 1.22	28.35 -1.47 1.03	27.68 -1.44 0.93	22.47 -1.20 0.00	16.80 -0.84 0.00	21.26 -1.23 0.00	23.62 -1.34 0.00	33.80 -1.92 0.00	42.80 -2.42 0.00	88.59 -4.89 0.00	50.68 -2.98 0.00	36.15 -1.92 0.00	35.75 -1.52 0.00	35.42 -1.38 0.00
ROCKVIEW_13_KV_LD 356306	31.06 1.35 0.00	35.48 1.50 0.00	31.09 1.34 0.00	31.70 1.37 0.00	32.96 1.44 0.00	36.77 1.57 0.00	54.08 2.63 0.00	78.77 3.89 0.00	52.75 2.69 0.00	46.73 2.41 0.00	42.54 2.08 0.00	32.52 1.68 0.00	31.74 1.68 0.00	25.03 1.36 0.00	18.63 0.99 0.00	23.78 1.29 0.00	26.50 1.54 0.00	37.75 2.03 0.00	47.52 2.29 0.00	97.88 4.40 0.00	56.21 2.55 0.00	39.78 1.71 0.00	38.75 1.48 0.00	38.13 1.33 0.00
ROME____115KV_TB2 80656	30.29 0.58 0.00	34.72 0.74 0.00	30.40 0.65 0.00	30.98 0.64 0.00	32.15 0.63 0.00	35.99 0.79 0.00	52.95 1.50 0.00	77.30 2.41 0.00	51.36 1.30 0.00	44.92 0.60 0.00	40.78 0.31 0.00	30.90 0.06 0.00	30.03 -0.03 0.00	23.72 0.05 0.00	17.64 0.00 0.00	22.54 0.05 0.00	25.17 0.21 0.00	36.26 0.55 0.00	46.42 1.20 0.00	96.30 2.82 0.00	55.16 1.50 0.00	39.13 1.06 0.00	38.25 0.98 0.00	37.83 1.02 0.00
ROSETON___1 23587	30.70 0.98 0.00	35.08 1.10 0.00	30.75 1.00 0.00	31.36 1.02 0.00	32.59 1.08 0.00	36.39 1.19 0.00	53.42 1.97 0.00	77.78 2.90 0.00	52.06 2.00 0.00	46.10 1.78 0.00	41.94 1.48 0.00	32.03 1.19 0.00	31.25 1.20 0.00	24.65 0.98 0.00	18.35 0.71 0.00	23.43 0.93 0.00	26.08 1.12 0.00	37.18 1.47 0.00	46.87 1.65 0.00	96.59 3.11 0.00	55.48 1.82 0.00	39.30 1.24 0.00	38.29 1.03 0.00	37.71 0.91 0.00
ROSETON___2 23588	30.70 0.98 0.00	35.08 1.10 0.00	30.75 1.00 0.00	31.36 1.02 0.00	32.59 1.08 0.00	36.39 1.19 0.00	53.42 1.97 0.00	77.78 2.90 0.00	52.06 2.00 0.00	46.10 1.78 0.00	41.94 1.48 0.00	32.03 1.19 0.00	31.25 1.20 0.00	24.65 0.98 0.00	18.35 0.71 0.00	23.43 0.93 0.00	26.08 1.12 0.00	37.18 1.47 0.00	46.87 1.65 0.00	96.59 3.11 0.00	55.48 1.82 0.00	39.30 1.24 0.00	38.29 1.03 0.00	37.71 0.91 0.00
ROTRRDAM_115KV_TB3 80664	30.53 0.81 0.00	34.93 0.95 0.00	30.60 0.85 0.00	31.22 0.88 0.00	32.46 0.94 0.00	36.28 1.08 0.00	53.12 1.67 0.00	77.28 2.40 0.00	51.65 1.59 0.00	45.61 1.28 0.00	41.48 1.02 0.00	31.57 0.72 0.00	30.76 0.70 0.00	24.19 0.52 0.00	18.01 0.37 0.00	23.01 0.52 0.00	25.55 0.59 0.00	36.59 0.87 0.00	46.36 1.14 0.00	95.68 2.20 0.00	54.97 1.31 0.00	38.96 0.89 0.00	38.05 0.78 0.00	37.50 0.70 0.00
RUSSELL___1 23602	27.76 -1.72 0.23	31.15 -1.84 1.00	28.07 -1.68 0.00	27.98 -1.63 0.72	28.79 -1.67 1.05	32.73 -1.91 0.56	46.69 -2.93 1.83	68.68 -3.96 2.25	45.60 -2.71 1.75	40.80 -2.19 1.33	37.47 -1.77 1.22	28.48 -1.34 1.03	27.82 -1.31 0.93	22.57 -1.10 0.00	16.87 -0.77 0.00	21.35 -1.14 0.00	23.74 -1.23 0.00	33.98 -1.73 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.00 -2.66 0.00	36.37 -1.69 0.00	35.96 -1.31 0.00	35.61 -1.19 0.00
RUSSELL___2 23532	27.76 -1.72 0.23	31.15 -1.84 1.00	28.07 -1.68 0.00	27.98 -1.63 0.72	28.79 -1.67 1.05	32.73 -1.91 0.56	46.69 -2.93 1.83	68.68 -3.96 2.25	45.60 -2.71 1.75	40.80 -2.19 1.33	37.47 -1.77 1.22	28.48 -1.34 1.03	27.82 -1.31 0.93	22.57 -1.10 0.00	16.87 -0.77 0.00	21.35 -1.14 0.00	23.74 -1.23 0.00	33.98 -1.73 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.00 -2.66 0.00	36.37 -1.69 0.00	35.96 -1.31 0.00	35.61 -1.19 0.00
RUSSELL___3 23549	27.76 -1.72 0.23	31.15 -1.84 1.00	28.07 -1.68 0.00	27.98 -1.63 0.72	28.79 -1.67 1.05	32.73 -1.91 0.56	46.69 -2.93 1.83	68.68 -3.96 2.25	45.60 -2.71 1.75	40.80 -2.19 1.33	37.47 -1.77 1.22	28.48 -1.34 1.03	27.82 -1.31 0.93	22.57 -1.10 0.00	16.87 -0.77 0.00	21.35 -1.14 0.00	23.74 -1.23 0.00	33.98 -1.73 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.00 -2.66 0.00	36.37 -1.69 0.00	35.96 -1.31 0.00	35.61 -1.19 0.00
RUSSELL___4 23556	27.76 -1.72 0.23	31.15 -1.84 1.00	28.07 -1.68 0.00	27.98 -1.63 0.72	28.79 -1.67 1.05	32.73 -1.91 0.56	46.69 -2.93 1.83	68.68 -3.96 2.25	45.60 -2.71 1.75	40.80 -2.19 1.33	37.47 -1.77 1.22	28.48 -1.34 1.03	27.82 -1.31 0.93	22.57 -1.10 0.00	16.87 -0.77 0.00	21.35 -1.14 0.00	23.74 -1.23 0.00	33.98 -1.73 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.00 -2.66 0.00	36.37 -1.69 0.00	35.96 -1.31 0.00	35.61 -1.19 0.00
RUSSELL___STATION 23914	27.76 -1.72 0.23	31.15 -1.84 1.00	28.07 -1.68 0.00	27.98 -1.63 0.72	28.79 -1.67 1.05	32.73 -1.91 0.56	46.69 -2.93 1.83	68.68 -3.96 2.25	45.60 -2.71 1.75	40.80 -2.19 1.33	37.47 -1.77 1.22	28.48 -1.34 1.03	27.82 -1.31 0.93	22.57 -1.10 0.00	16.87 -0.77 0.00	21.35 -1.14 0.00	23.74 -1.23 0.00	33.98 -1.73 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.00 -2.66 0.00	36.37 -1.69 0.00	35.96 -1.31 0.00	35.61 -1.19 0.00
S SALMON___HYD 24043	28.70 -1.02 0.00	32.96 -1.02 0.00	28.82 -0.94 0.00	29.40 -0.93 0.00	30.48 -1.04 0.00	33.96 -1.23 0.00	49.68 -1.77 0.00	72.52 -2.37 0.00	48.23 -1.82 0.00	42.36 -1.97 0.00	38.64 -1.82 0.00	29.37 -1.47 0.00	28.63 -1.43 0.00	22.54 -1.13 0.00	16.80 -0.84 0.00	21.38 -1.11 0.00	23.72 -1.25 0.00	34.26 -1.45 0.00	43.63 -1.60 0.00	90.53 -2.95 0.00	51.90 -1.75 0.00	36.86 -1.21 0.00	36.12 -1.15 0.00	35.97 -0.83 0.00
S.PERRY___115KV_TB1 80734	33.07 -1.68 -5.03	59.36 -1.72 -27.10	53.35 -1.62 -25.21	52.78 -1.56 -24.00	53.31 -1.50 -23.29	45.90 -1.69 -12.39	89.58 -2.28 -40.41	121.39 -2.98 -49.48	86.22 -2.36 -38.51	71.02 -2.71 -29.41	64.80 -2.67 -27.01	51.59 -2.07 -22.81	50.50 -2.04 -22.49	41.98 -1.64 -19.95	33.79 -1.16 -17.31	40.33 -1.61 -19.44	44.09 -1.72 -20.84	43.56 -2.34 -10.19	42.76 -2.46 0.00	90.30 -3.19 0.00	51.76 -1.89 0.00	37.00 -1.07 0.00	36.51 -0.76 0.00	36.18 -0.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.76 -2.90 1.06	25.13 -3.13 5.72	21.39 -2.88 5.48	22.43 -2.81 5.09	23.73 -2.91 4.88	29.27 -3.33 2.60	37.62 -5.35 8.48	56.93 -7.54 10.41	37.03 -4.93 8.11	34.56 -3.60 6.17	31.86 -2.94 5.66	23.86 -2.20 4.78	23.21 -2.14 4.71	17.79 -1.78 4.10	12.83 -1.25 3.56	16.67 -1.83 4.00	18.71 -1.97 4.29	30.69 -2.92 2.10	41.39 -3.84 0.00	85.60 -7.88 0.00	48.87 -4.78 0.00	35.07 -3.00 0.00	35.03 -2.24 0.00	34.82 -1.99 0.00

SAWYER___23_KV_LOAD 55526	25.76 -2.90 1.06	25.13 -3.13 5.72	21.39 -2.88 5.48	22.43 -2.81 5.09	23.73 -2.91 4.88	29.27 -3.33 2.60	37.62 -5.35 8.48	56.93 -7.54 10.41	37.03 -4.93 8.11	34.56 -3.60 6.17	31.86 -2.94 5.66	23.86 -2.20 4.78	23.21 -2.14 4.71	17.79 -1.78 4.10	12.83 -1.25 3.56	16.67 -1.83 4.00	18.71 -1.97 4.29	30.69 -2.92 2.10	41.39 -3.84 0.00	85.60 -7.88 0.00	48.87 -4.78 0.00	35.07 -3.00 0.00	35.03 -2.24 0.00	34.82 -1.99 0.00
SELKIRK___I 23801	30.75 1.03 0.00	35.19 1.21 0.00	30.84 1.09 0.00	31.46 1.12 0.00	32.71 1.19 0.00	36.57 1.38 0.00	53.46 2.00 0.00	77.69 2.80 0.00	51.85 1.79 0.00	45.67 1.34 0.00	41.56 1.09 0.00	31.76 0.91 0.00	30.91 0.85 0.00	24.31 0.64 0.00	18.08 0.44 0.00	23.09 0.60 0.00	25.68 0.72 0.00	36.89 1.17 0.00	46.73 1.50 0.00	96.34 2.86 0.00	55.36 1.70 0.00	39.27 1.21 0.00	38.36 1.09 0.00	37.77 0.97 0.00
SELKIRK___II 23799	30.63 0.91 0.00	35.03 1.05 0.00	30.69 0.94 0.00	31.31 0.97 0.00	32.55 1.03 0.00	36.38 1.18 0.00	53.21 1.76 0.00	77.40 2.52 0.00	51.77 1.71 0.00	45.78 1.45 0.00	41.67 1.21 0.00	31.78 0.93 0.00	30.95 0.90 0.00	24.37 0.70 0.00	18.13 0.49 0.00	23.16 0.67 0.00	25.75 0.79 0.00	36.84 1.13 0.00	46.58 1.36 0.00	95.98 2.50 0.00	55.15 1.49 0.00	39.12 1.06 0.00	38.21 0.93 0.00	37.62 0.82 0.00
SENECA OSWGO___HYD 24041	28.57 -1.14 0.00	32.73 -1.25 0.00	28.66 -1.09 0.00	29.25 -1.09 0.00	30.41 -1.11 0.00	33.92 -1.27 0.00	49.59 -1.86 0.00	72.29 -2.60 0.00	48.18 -1.88 0.00	42.63 -1.70 0.00	39.03 -1.43 0.00	29.75 -1.10 0.00	28.98 -1.07 0.00	22.83 -0.84 0.00	17.02 -0.62 0.00	21.67 -0.82 0.00	24.00 -0.96 0.00	34.37 -1.34 0.00	43.58 -1.64 0.00	90.07 -3.41 0.00	51.62 -2.04 0.00	36.67 -1.40 0.00	35.92 -1.35 0.00	35.52 -1.28 0.00
SENECA___115KV_TB3 355854	26.30 -2.51 0.90	26.37 -2.70 4.91	22.50 -2.50 4.75	23.54 -2.42 4.38	24.85 -2.48 4.18	30.14 -2.83 2.23	39.62 -4.57 7.26	59.56 -6.38 8.95	38.89 -4.21 6.97	36.08 -2.96 5.29	33.19 -2.42 4.85	24.96 -1.80 4.10	24.26 -1.76 4.03	18.68 -1.48 3.51	13.57 -1.02 3.05	17.53 -1.53 3.42	19.68 -1.61 3.67	31.57 -2.35 1.80	42.10 -3.12 0.00	87.13 -6.35 0.00	49.75 -3.90 0.00	35.70 -2.37 0.00	35.67 -1.60 0.00	35.40 -1.40 0.00
SENECA___ENERGY 23797	28.80 -1.24 -0.33	34.42 -1.34 -1.78	30.25 -1.16 -1.67	30.80 -1.11 -1.58	31.93 -1.11 -1.53	34.75 -1.26 -0.81	52.24 -1.86 -2.65	75.62 -2.51 -3.24	50.71 -1.88 -2.53	44.56 -1.69 -1.93	40.65 -1.59 -1.77	31.11 -1.23 -1.50	30.30 -1.25 -1.49	24.15 -1.01 -1.49	18.23 -0.70 -1.29	22.98 -0.96 -1.45	25.46 -1.06 -1.55	35.05 -1.42 -0.76	43.52 -1.70 0.00	90.12 -3.36 0.00	51.69 -1.97 0.00	36.75 -1.31 0.00	36.14 -1.13 0.00	35.75 -1.05 0.00
SHOEMAKER___GT 23640	30.50 0.79 0.00	34.87 0.89 0.00	30.56 0.81 0.00	31.16 0.83 0.00	32.40 0.88 0.00	36.18 0.98 0.00	53.10 1.65 0.00	77.33 2.45 0.00	51.70 1.64 0.00	45.69 1.36 0.00	41.52 1.05 0.00	31.68 0.83 0.00	30.89 0.83 0.00	24.40 0.72 0.00	18.17 0.53 0.00	23.18 0.69 0.00	25.81 0.85 0.00	36.84 1.13 0.00	46.55 1.33 0.00	96.10 2.62 0.00	55.19 1.53 0.00	39.09 1.02 0.00	38.13 0.86 0.00	37.57 0.76 0.00
SHOEMAKR_138KV_BK 111 55601	30.49 0.78 0.00	34.85 0.86 0.00	30.55 0.79 0.00	31.15 0.81 0.00	32.39 0.88 0.00	36.16 0.97 0.00	53.09 1.64 0.00	77.32 2.43 0.00	51.69 1.63 0.00	45.70 1.38 0.00	41.54 1.08 0.00	31.70 0.85 0.00	30.91 0.86 0.00	24.41 0.73 0.00	18.18 0.54 0.00	23.20 0.71 0.00	25.83 0.87 0.00	36.86 1.15 0.00	46.54 1.32 0.00	96.07 2.59 0.00	55.17 1.51 0.00	39.07 1.01 0.00	38.11 0.84 0.00	37.53 0.73 0.00
SHOREHAM_IC_1 23715	31.81 2.09 0.00	36.31 2.33 0.00	31.86 2.11 0.00	32.63 2.30 0.00	37.28 2.46 -3.30	47.69 2.59 -9.91	54.65 3.20 0.00	69.70 3.42 8.60	52.89 2.83 0.00	47.69 3.36 0.00	42.98 2.51 0.00	32.75 1.90 0.00	31.83 1.77 0.00	25.02 1.34 0.00	18.59 0.95 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.09 2.38 0.00	48.12 2.90 0.00	97.58 4.10 0.00	56.26 2.60 0.00	40.51 2.44 0.00	39.21 1.94 0.00	38.71 1.91 0.00
SHOREHAM_IC_2 23716	31.81 2.09 0.00	36.31 2.33 0.00	31.86 2.11 0.00	32.63 2.30 0.00	37.28 2.46 -3.30	47.69 2.59 -9.91	54.65 3.20 0.00	69.70 3.42 8.60	52.89 2.83 0.00	47.69 3.36 0.00	42.98 2.51 0.00	32.75 1.90 0.00	31.83 1.77 0.00	25.02 1.34 0.00	18.59 0.95 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.09 2.38 0.00	48.12 2.90 0.00	97.58 4.10 0.00	56.26 2.60 0.00	40.51 2.44 0.00	39.21 1.94 0.00	38.71 1.91 0.00
SISSONVILLE____ 23735	29.89 0.17 0.00	34.10 0.11 0.00	29.77 0.02 0.00	30.27 -0.07 0.00	31.38 -0.14 0.00	35.09 -0.11 0.00	51.24 -0.21 0.00	74.65 -0.23 0.00	49.89 -0.17 0.00	43.98 -0.35 0.00	39.92 -0.54 0.00	30.28 -0.56 0.00	29.49 -0.56 0.00	23.18 -0.49 0.00	17.31 -0.33 0.00	22.09 -0.41 0.00	24.70 -0.27 0.00	35.57 -0.15 0.00	45.44 0.21 0.00	94.85 1.37 0.00	54.37 0.71 0.00	38.50 0.43 0.00	37.79 0.52 0.00	37.45 0.65 0.00
SITHE_IND_GS1 24169	28.41 -1.30 0.00	32.54 -1.44 0.00	28.49 -1.26 0.00	29.08 -1.26 0.00	30.22 -1.30 0.00	33.69 -1.51 0.00	49.16 -2.29 0.00	71.63 -3.26 0.00	47.81 -2.25 0.00	42.39 -1.93 0.00	38.95 -1.51 0.00	29.70 -1.15 0.00	28.92 -1.13 0.00	22.78 -0.89 0.00	16.99 -0.66 0.00	21.61 -0.88 0.00	23.92 -1.04 0.00	34.19 -1.52 0.00	43.22 -2.01 0.00	89.30 -4.18 0.00	51.24 -2.42 0.00	36.39 -1.68 0.00	35.69 -1.58 0.00	35.29 -1.51 0.00
SITHE_IND_GS2 24170	28.41 -1.30 0.00	32.54 -1.44 0.00	28.49 -1.26 0.00	29.08 -1.26 0.00	30.22 -1.30 0.00	33.69 -1.51 0.00	49.16 -2.29 0.00	71.63 -3.26 0.00	47.81 -2.25 0.00	42.39 -1.93 0.00	38.95 -1.51 0.00	29.70 -1.15 0.00	28.92 -1.13 0.00	22.78 -0.89 0.00	16.99 -0.66 0.00	21.61 -0.88 0.00	23.92 -1.04 0.00	34.19 -1.52 0.00	43.22 -2.01 0.00	89.30 -4.18 0.00	51.24 -2.42 0.00	36.39 -1.68 0.00	35.69 -1.58 0.00	35.29 -1.51 0.00
SITHE_IND_GS3 24171	28.41 -1.30 0.00	32.54 -1.44 0.00	28.49 -1.26 0.00	29.08 -1.26 0.00	30.22 -1.30 0.00	33.69 -1.51 0.00	49.16 -2.29 0.00	71.63 -3.26 0.00	47.81 -2.25 0.00	42.39 -1.93 0.00	38.95 -1.51 0.00	29.70 -1.15 0.00	28.92 -1.13 0.00	22.78 -0.89 0.00	16.99 -0.66 0.00	21.61 -0.88 0.00	23.92 -1.04 0.00	34.19 -1.52 0.00	43.22 -2.01 0.00	89.30 -4.18 0.00	51.24 -2.42 0.00	36.39 -1.68 0.00	35.69 -1.58 0.00	35.29 -1.51 0.00
SITHE_IND_GS4 24172	28.41 -1.30 0.00	32.54 -1.44 0.00	28.49 -1.26 0.00	29.08 -1.26 0.00	30.22 -1.30 0.00	33.69 -1.51 0.00	49.16 -2.29 0.00	71.63 -3.26 0.00	47.81 -2.25 0.00	42.39 -1.93 0.00	38.95 -1.51 0.00	29.70 -1.15 0.00	28.92 -1.13 0.00	22.78 -0.89 0.00	16.99 -0.66 0.00	21.61 -0.88 0.00	23.92 -1.04 0.00	34.19 -1.52 0.00	43.22 -2.01 0.00	89.30 -4.18 0.00	51.24 -2.42 0.00	36.39 -1.68 0.00	35.69 -1.58 0.00	35.29 -1.51 0.00

SITHE___BATAVIA 24024	26.81 -2.07 0.84	27.23 -2.19 4.57	23.26 -2.03 4.46	24.28 -1.97 4.08	25.65 -1.98 3.88	30.89 -2.24 2.07	41.26 -3.46 6.73	61.95 -4.67 8.26	40.49 -3.14 6.43	36.79 -2.64 4.90	33.57 -2.40 4.50	25.12 -1.93 3.80	24.43 -1.89 3.74	18.83 -1.62 3.23	13.69 -1.15 2.80	17.67 -1.67 3.14	19.85 -1.74 3.37	31.82 -2.24 1.65	42.56 -2.67 0.00	88.51 -4.97 0.00	50.64 -3.02 0.00	36.18 -1.88 0.00	36.00 -1.27 0.00	35.69 -1.11 0.00
SITHE___INDEPEND 23800	28.41 -1.30 0.00	32.54 -1.45 0.00	28.48 -1.26 0.00	29.07 -1.26 0.00	30.21 -1.31 0.00	33.69 -1.51 0.00	49.15 -2.30 0.00	71.62 -3.27 0.00	47.81 -2.25 0.00	42.39 -1.94 0.00	38.95 -1.51 0.00	29.69 -1.16 0.00	28.92 -1.13 0.00	22.78 -0.89 0.00	16.98 -0.66 0.00	21.61 -0.88 0.00	23.92 -1.05 0.00	34.18 -1.53 0.00	43.22 -2.01 0.00	89.30 -4.18 0.00	51.23 -2.43 0.00	36.40 -1.67 0.00	35.69 -1.58 0.00	35.29 -1.51 0.00
SITHE___MASSENA 23902	30.20 0.48 0.00	34.43 0.45 0.00	30.08 0.33 0.00	30.60 0.27 0.00	31.76 0.24 0.00	35.51 0.31 0.00	51.77 0.32 0.00	75.35 0.47 0.00	50.43 0.37 0.00	44.68 0.36 0.00	40.71 0.24 0.00	30.97 0.12 0.00	30.18 0.12 0.00	23.72 0.05 0.00	17.71 0.07 0.00	22.58 0.09 0.00	25.14 0.17 0.00	36.07 0.35 0.00	45.91 0.69 0.00	95.47 2.00 0.00	54.74 1.08 0.00	38.79 0.73 0.00	38.10 0.83 0.00	37.69 0.89 0.00
SITHE___OGDNSBRG 24021	30.63 0.92 0.00	34.93 0.95 0.00	30.51 0.76 0.00	31.03 0.70 0.00	32.20 0.68 0.00	36.02 0.82 0.00	52.62 1.17 0.00	76.69 1.80 0.00	51.16 1.10 0.00	44.89 0.57 0.00	40.75 0.28 0.00	30.88 0.03 0.00	30.07 0.02 0.00	23.65 -0.02 0.00	17.69 0.04 0.00	22.54 0.05 0.00	25.35 0.38 0.00	36.45 0.74 0.00	46.55 1.33 0.00	97.49 4.01 0.00	55.86 2.20 0.00	39.56 1.49 0.00	38.83 1.56 0.00	38.43 1.63 0.00
SITHE___STERLING 23777	30.02 0.31 0.00	34.38 0.40 0.00	30.10 0.35 0.00	30.70 0.37 0.00	31.89 0.38 0.00	35.70 0.50 0.00	52.48 1.03 0.00	76.59 1.69 0.00	50.91 0.85 0.00	44.63 0.30 0.00	40.55 0.09 0.00	30.80 -0.05 0.00	29.96 -0.10 0.00	23.64 -0.03 0.00	17.61 -0.03 0.00	22.47 -0.03 0.00	25.03 0.07 0.00	35.96 0.25 0.00	45.91 0.69 0.00	95.13 1.65 0.00	54.52 0.86 0.00	38.69 0.63 0.00	37.83 0.57 0.00	37.37 0.57 0.00
SLEIGHT__34_KV_TB1 80719	28.17 -1.55 0.00	32.29 -1.69 0.00	28.25 -1.50 0.00	28.89 -1.44 0.00	30.04 -1.48 0.00	33.53 -1.67 0.00	49.02 -2.43 0.00	71.63 -3.26 0.00	47.73 -2.34 0.00	42.26 -2.07 0.00	38.61 -1.85 0.00	29.41 -1.43 0.00	28.62 -1.44 0.00	22.50 -1.18 0.00	16.80 -0.84 0.00	21.31 -1.18 0.00	23.71 -1.26 0.00	34.01 -1.70 0.00	43.24 -1.98 0.00	89.53 -3.95 0.00	51.22 -2.44 0.00	36.45 -1.62 0.00	35.92 -1.35 0.00	35.55 -1.25 0.00
SOUTH CAIRO___GT 23612	31.78 2.06 0.00	36.35 2.37 0.00	31.84 2.09 0.00	32.51 2.17 0.00	33.84 2.32 0.00	37.93 2.74 0.00	55.71 4.26 0.00	81.22 6.33 0.00	54.07 4.01 0.00	47.10 2.78 0.00	42.46 2.00 0.00	32.22 1.37 0.00	31.30 1.24 0.00	24.59 0.92 0.00	18.27 0.63 0.00	23.37 0.88 0.00	26.07 1.11 0.00	37.68 1.96 0.00	48.27 3.05 0.00	100.06 6.58 0.00	57.50 3.84 0.00	40.72 2.66 0.00	39.67 2.40 0.00	38.97 2.17 0.00
SOUTH HAMPTN___IC 23720	31.92 2.21 0.00	36.50 2.52 0.00	32.10 2.36 0.00	33.00 2.66 0.00	39.84 2.87 -5.45	54.63 3.07 -16.36	55.33 3.88 0.00	64.98 4.30 14.20	53.56 3.50 0.00	48.08 3.75 0.00	43.16 2.70 0.00	32.82 1.97 0.00	31.79 1.73 0.00	24.89 1.22 0.00	18.50 0.86 0.00	23.58 1.08 0.00	26.43 1.47 0.00	37.96 2.25 0.00	48.02 2.80 0.00	97.50 4.02 0.00	56.20 2.54 0.00	40.35 2.28 0.00	39.08 1.81 0.00	38.63 1.83 0.00
SOUTHDOW_115KV_TB1 355954	27.47 -2.24 0.00	31.38 -2.35 0.26	26.24 -2.22 1.29	27.85 -2.08 0.41	29.45 -2.07 0.00	32.89 -2.31 0.00	48.02 -3.43 0.00	70.59 -4.30 0.00	47.07 -2.99 0.00	42.19 -2.14 0.00	38.62 -1.84 0.00	29.60 -1.24 0.00	28.86 -1.19 0.00	22.61 -1.07 0.00	16.86 -0.78 0.00	21.41 -1.09 0.00	24.23 -0.74 0.00	34.70 -1.01 0.00	43.92 -1.30 0.00	91.07 -2.41 0.00	51.97 -1.69 0.00	37.12 -0.95 0.00	36.99 -0.28 0.00	36.70 -0.10 0.00
SOUTHOLD_69_KV_BK 2 55809	31.93 2.22 0.00	36.58 2.60 0.00	32.27 2.53 0.00	33.28 2.95 0.00	40.22 3.22 -5.48	55.09 3.45 -16.44	55.70 4.25 0.00	65.20 4.59 14.28	53.94 3.88 0.00	48.36 4.04 0.00	43.24 2.78 0.00	32.78 1.93 0.00	31.60 1.55 0.00	24.62 0.95 0.00	18.30 0.66 0.00	23.26 0.76 0.00	26.09 1.13 0.00	37.64 1.92 0.00	47.65 2.43 0.00	96.65 3.17 0.00	55.72 2.06 0.00	39.92 1.85 0.00	38.70 1.43 0.00	38.35 1.55 0.00
SOUTHOLD___IC 23719	31.93 2.22 0.00	36.58 2.59 0.00	32.27 2.52 0.00	33.28 2.95 0.00	40.21 3.21 -5.48	55.08 3.44 -16.44	55.70 4.25 0.00	65.18 4.57 14.28	53.93 3.87 0.00	48.35 4.03 0.00	43.22 2.76 0.00	32.77 1.93 0.00	31.59 1.54 0.00	24.63 0.95 0.00	18.30 0.66 0.00	23.26 0.76 0.00	26.09 1.12 0.00	37.63 1.92 0.00	47.65 2.43 0.00	96.65 3.17 0.00	55.72 2.06 0.00	39.94 1.87 0.00	38.71 1.43 0.00	38.34 1.54 0.00
SOUTH_FORK_WT_PWR 323839	31.75 2.04 0.00	36.44 2.45 0.00	32.23 2.48 0.00	33.34 3.00 0.00	40.29 3.31 -5.47	55.12 3.52 -16.40	55.59 4.14 0.00	64.79 4.14 14.24	53.82 3.76 0.00	48.28 3.96 0.00	43.03 2.57 0.00	32.56 1.71 0.00	31.28 1.22 0.00	24.28 0.61 0.00	18.03 0.39 0.00	22.85 0.36 0.00	25.65 0.68 0.00	37.10 1.39 0.00	46.97 1.75 0.00	95.11 1.63 0.00	54.84 1.18 0.00	39.29 1.23 0.00	38.10 0.83 0.00	37.83 1.03 0.00
SPIERFLS_115KV_TB 1 80737	31.53 1.81 0.00	36.17 2.18 0.00	31.66 1.91 0.00	32.38 2.05 0.00	33.68 2.17 0.00	37.96 2.76 0.00	55.85 4.39 0.00	81.40 6.51 0.00	54.49 4.43 0.00	47.82 3.49 0.00	43.19 2.72 0.00	32.69 1.84 0.00	31.77 1.72 0.00	24.83 1.16 0.00	18.50 0.87 0.00	23.72 1.23 0.00	26.22 1.26 0.00	37.27 1.56 0.00	47.17 1.94 0.00	96.96 3.48 0.00	55.67 2.02 0.00	39.39 1.32 0.00	38.39 1.12 0.00	37.76 0.96 0.00
ST LAWRENCE____ 23600	29.90 0.19 0.00	34.10 0.11 0.00	29.79 0.04 0.00	30.32 -0.02 0.00	31.48 -0.04 0.00	35.17 -0.03 0.00	51.29 -0.17 0.00	74.61 -0.28 0.00	49.96 -0.10 0.00	44.31 -0.01 0.00	40.42 -0.04 0.00	30.78 -0.06 0.00	29.99 -0.07 0.00	23.58 -0.09 0.00	17.60 -0.05 0.00	22.44 -0.06 0.00	24.93 -0.04 0.00	35.73 0.02 0.00	45.43 0.21 0.00	94.35 0.87 0.00	54.11 0.46 0.00	38.36 0.29 0.00	37.66 0.39 0.00	37.23 0.43 0.00
STATE_CA_115KV_115_LB 55624	30.89 1.18 0.00	35.33 1.35 0.00	30.96 1.20 0.00	31.58 1.25 0.00	32.84 1.33 0.00	36.72 1.52 0.00	53.73 2.28 0.00	78.15 3.27 0.00	52.30 2.24 0.00	46.28 1.96 0.00	42.12 1.65 0.00	32.08 1.24 0.00	31.24 1.18 0.00	24.57 0.90 0.00	18.28 0.64 0.00	23.37 0.88 0.00	26.01 1.05 0.00	37.23 1.52 0.00	47.04 1.82 0.00	96.90 3.41 0.00	55.63 1.97 0.00	39.47 1.41 0.00	38.52 1.25 0.00	37.92 1.12 0.00

STATE_ST_34_KV_LOAD 55959	29.09 -0.63 0.00	33.26 -0.72 0.00	29.20 -0.55 0.00	29.84 -0.49 0.00	31.01 -0.50 0.00	34.65 -0.55 0.00	50.58 -0.87 0.00	73.93 -0.96 0.00	49.20 -0.86 0.00	43.41 -0.91 0.00	39.57 -0.89 0.00	30.13 -0.72 0.00	29.24 -0.82 0.00	23.03 -0.65 0.00	17.18 -0.46 0.00	21.88 -0.61 0.00	24.34 -0.63 0.00	34.96 -0.76 0.00	44.39 -0.84 0.00	92.00 -1.48 0.00	52.74 -0.92 0.00	37.37 -0.70 0.00	36.75 -0.52 0.00	36.34 -0.47 0.00
STATION 5_MISC_HYD 23604	27.64 -1.85 0.23	31.04 -1.94 0.99	27.97 -1.78 0.00	27.87 -1.74 0.72	28.69 -1.78 1.05	32.59 -2.05 0.56	46.48 -3.14 1.83	68.33 -4.31 2.25	45.41 -2.90 1.75	40.65 -2.35 1.33	37.36 -1.89 1.22	28.38 -1.44 1.03	27.71 -1.41 0.93	22.47 -1.20 0.00	16.79 -0.85 0.00	21.27 -1.22 0.00	23.64 -1.33 0.00	33.81 -1.90 0.00	42.80 -2.42 0.00	88.59 -4.89 0.00	50.70 -2.96 0.00	36.13 -1.94 0.00	35.75 -1.52 0.00	35.42 -1.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.53 -1.19 0.00	32.73 -1.26 0.00	28.62 -1.13 0.00	29.26 -1.08 0.00	30.45 -1.06 0.00	34.01 -1.19 0.00	49.73 -1.72 0.00	72.69 -2.20 0.00	48.40 -1.66 0.00	42.86 -1.47 0.00	39.13 -1.33 0.00	29.79 -1.06 0.00	28.99 -1.07 0.00	22.79 -0.88 0.00	17.02 -0.62 0.00	21.61 -0.88 0.00	24.03 -0.94 0.00	34.50 -1.21 0.00	43.85 -1.37 0.00	90.80 -2.68 0.00	51.97 -1.69 0.00	36.99 -1.08 0.00	36.41 -0.86 0.00	36.00 -0.80 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.78 -1.94 0.00	31.89 -2.10 0.00	27.86 -1.89 0.00	28.48 -1.86 0.00	29.62 -1.89 0.00	33.02 -2.18 0.00	48.12 -3.33 0.00	70.33 -4.56 0.00	46.99 -3.07 0.00	41.81 -2.51 0.00	38.39 -2.07 0.00	29.27 -1.57 0.00	28.51 -1.55 0.00	22.40 -1.28 0.00	16.73 -0.91 0.00	21.19 -1.30 0.00	23.54 -1.42 0.00	33.69 -2.02 0.00	42.69 -2.53 0.00	88.34 -5.14 0.00	50.55 -3.11 0.00	36.05 -2.02 0.00	35.61 -1.66 0.00	35.28 -1.52 0.00
STA_56___34_KV_BUS2 355983	27.78 -1.94 0.00	31.89 -2.10 0.00	27.86 -1.89 0.00	28.48 -1.86 0.00	29.62 -1.89 0.00	33.02 -2.18 0.00	48.12 -3.33 0.00	70.33 -4.56 0.00	46.99 -3.07 0.00	41.81 -2.51 0.00	38.39 -2.07 0.00	29.27 -1.57 0.00	28.51 -1.55 0.00	22.40 -1.28 0.00	16.73 -0.91 0.00	21.19 -1.30 0.00	23.54 -1.42 0.00	33.69 -2.02 0.00	42.69 -2.53 0.00	88.34 -5.14 0.00	50.55 -3.11 0.00	36.05 -2.02 0.00	35.61 -1.66 0.00	35.28 -1.52 0.00
STA_67___115KV_BK2 355882	27.57 -1.91 0.23	30.91 -2.06 1.02	27.88 -1.87 0.00	27.77 -1.83 0.74	28.56 -1.88 1.08	32.47 -2.16 0.57	46.26 -3.33 1.87	68.04 -4.56 2.30	45.20 -3.08 1.79	40.48 -2.49 1.36	37.20 -2.02 1.25	28.27 -1.53 1.05	27.61 -1.49 0.95	22.43 -1.25 0.00	16.76 -0.88 0.00	21.21 -1.28 0.00	23.57 -1.39 0.00	33.71 -2.00 0.00	42.70 -2.53 0.00	88.36 -5.12 0.00	50.55 -3.11 0.00	36.06 -2.01 0.00	35.66 -1.61 0.00	35.35 -1.46 0.00
STA_7___115KV_9TRANS 80674	27.76 -1.72 0.23	31.15 -1.84 1.00	28.07 -1.68 0.00	27.98 -1.63 0.72	28.79 -1.67 1.05	32.73 -1.91 0.56	46.69 -2.93 1.83	68.68 -3.96 2.25	45.60 -2.71 1.75	40.80 -2.19 1.33	37.47 -1.77 1.22	28.48 -1.34 1.03	27.82 -1.31 0.93	22.57 -1.10 0.00	16.87 -0.77 0.00	21.35 -1.14 0.00	23.74 -1.23 0.00	33.98 -1.73 0.00	43.06 -2.16 0.00	89.16 -4.32 0.00	51.00 -2.66 0.00	36.37 -1.69 0.00	35.96 -1.31 0.00	35.61 -1.19 0.00
STA_82___115KV_TB1 80780	27.80 -1.92 0.00	31.93 -2.06 0.00	27.88 -1.87 0.00	28.51 -1.83 0.00	29.64 -1.88 0.00	33.04 -2.16 0.00	48.12 -3.33 0.00	70.33 -4.56 0.00	46.99 -3.07 0.00	41.83 -2.49 0.00	38.43 -2.04 0.00	29.31 -1.53 0.00	28.55 -1.51 0.00	22.42 -1.25 0.00	16.76 -0.88 0.00	21.21 -1.28 0.00	23.56 -1.40 0.00	33.70 -2.01 0.00	42.70 -2.53 0.00	88.36 -5.12 0.00	50.55 -3.11 0.00	36.06 -2.01 0.00	35.66 -1.61 0.00	35.35 -1.46 0.00
STEEL___WIND 323596	26.26 -2.54 0.90	26.35 -2.72 4.91	22.48 -2.52 4.75	23.52 -2.43 4.38	24.85 -2.48 4.18	30.13 -2.85 2.23	39.63 -4.56 7.26	59.51 -6.43 8.95	38.85 -4.25 6.97	36.05 -2.99 5.29	33.19 -2.42 4.85	24.92 -1.83 4.10	24.22 -1.80 4.03	18.63 -1.53 3.51	13.53 -1.06 3.05	17.51 -1.55 3.42	19.67 -1.62 3.67	31.53 -2.38 1.80	42.03 -3.20 0.00	86.95 -6.53 0.00	49.66 -3.99 0.00	35.63 -2.43 0.00	35.65 -1.62 0.00	35.37 -1.43 0.00
STEPHTWN_115KV_BK_2 55603	31.01 1.30 0.00	35.47 1.49 0.00	31.07 1.32 0.00	31.70 1.37 0.00	32.99 1.47 0.00	36.88 1.68 0.00	54.04 2.59 0.00	78.69 3.80 0.00	52.57 2.52 0.00	46.41 2.09 0.00	41.91 1.45 0.00	31.91 1.07 0.00	31.08 1.02 0.00	24.46 0.78 0.00	18.19 0.55 0.00	23.37 0.87 0.00	26.02 1.06 0.00	37.34 1.63 0.00	47.30 2.08 0.00	97.45 3.97 0.00	55.92 2.26 0.00	39.62 1.55 0.00	38.62 1.35 0.00	38.02 1.22 0.00
STEUBEN_REC_LFGE 323667	30.10 -2.95 -3.34	48.98 -3.00 -18.00	43.56 -2.88 -16.70	43.45 -2.82 -15.93	44.29 -2.71 -15.48	40.16 -3.27 -8.24	73.65 -4.66 -26.86	100.95 -6.83 -32.89	70.70 -4.96 -25.61	59.39 -4.48 -19.54	53.90 -4.51 -17.95	42.53 -3.48 -15.16	41.58 -3.40 -14.91	33.96 -2.65 -12.94	26.99 -1.88 -11.23	32.59 -2.52 -12.61	35.78 -2.70 -13.51	38.60 -3.72 -6.60	40.75 -4.48 0.00	86.30 -7.18 0.00	49.35 -4.31 0.00	35.68 -2.39 0.00	35.47 -1.80 0.00	35.14 -1.66 0.00
STILLWATER___SOLAR 323814	31.20 1.49 0.00	35.72 1.74 0.00	31.28 1.54 0.00	31.96 1.62 0.00	33.24 1.72 0.00	37.24 2.04 0.00	54.52 3.07 0.00	79.34 4.45 0.00	52.95 2.89 0.00	46.62 2.30 0.00	42.29 1.82 0.00	32.09 1.25 0.00	31.23 1.18 0.00	24.51 0.84 0.00	18.23 0.59 0.00	23.35 0.86 0.00	26.01 1.05 0.00	37.30 1.58 0.00	47.28 2.06 0.00	97.44 3.96 0.00	55.97 2.31 0.00	39.64 1.57 0.00	38.66 1.39 0.00	38.04 1.24 0.00
STONY___BROOK 24151	31.68 1.97 0.00	36.18 2.20 0.00	31.70 1.95 0.00	32.44 2.10 0.00	34.01 2.24 -0.25	38.32 2.37 -0.76	54.84 3.39 0.00	78.39 4.16 0.66	53.27 3.21 0.00	47.57 3.25 0.00	42.98 2.51 0.00	32.79 1.94 0.00	31.91 1.86 0.00	25.12 1.45 0.00	18.68 1.04 0.00	23.86 1.37 0.00	26.71 1.75 0.00	38.15 2.43 0.00	48.14 2.92 0.00	98.52 5.04 0.00	56.77 3.11 0.00	40.52 2.45 0.00	39.30 2.03 0.00	38.68 1.87 0.00
STURGEON_POOL_HYD 23609	30.82 1.11 0.00	35.22 1.24 0.00	30.87 1.12 0.00	31.48 1.15 0.00	32.74 1.22 0.00	36.56 1.36 0.00	53.71 2.26 0.00	78.24 3.36 0.00	52.35 2.29 0.00	46.33 2.00 0.00	42.11 1.65 0.00	32.12 1.28 0.00	31.34 1.28 0.00	24.72 1.05 0.00	18.40 0.76 0.00	23.50 1.01 0.00	26.17 1.20 0.00	37.34 1.62 0.00	47.10 1.88 0.00	97.17 3.69 0.00	55.80 2.14 0.00	39.50 1.44 0.00	38.49 1.22 0.00	37.88 1.07 0.00
ST_LAW_115_BK7_LBMP 345037	29.94 0.23 0.00	34.14 0.16 0.00	29.83 0.07 0.00	30.35 0.01 0.00	31.50 -0.01 0.00	35.20 0.00 0.00	51.33 -0.13 0.00	74.67 -0.22 0.00	50.01 -0.05 0.00	44.36 0.03 0.00	40.45 -0.02 0.00	30.80 -0.05 0.00	30.00 -0.05 0.00	23.59 -0.09 0.00	17.61 -0.04 0.00	22.45 -0.05 0.00	24.95 -0.01 0.00	35.77 0.05 0.00	45.49 0.27 0.00	94.54 1.07 0.00	54.22 0.56 0.00	38.43 0.36 0.00	37.73 0.46 0.00	37.31 0.51 0.00

ST_LAW_115_BK8_LBMP 345038	29.94 0.23 0.00	34.14 0.16 0.00	29.83 0.07 0.00	30.35 0.01 0.00	31.50 -0.01 0.00	35.20 0.00 0.00	51.33 -0.13 0.00	74.67 -0.22 0.00	50.01 -0.05 0.00	44.36 0.03 0.00	40.45 -0.02 0.00	30.80 -0.05 0.00	30.00 -0.05 0.00	23.59 -0.09 0.00	17.61 -0.04 0.00	22.45 -0.05 0.00	24.95 -0.01 0.00	35.77 0.05 0.00	45.49 0.27 0.00	94.54 1.07 0.00	54.22 0.56 0.00	38.43 0.36 0.00	37.73 0.46 0.00	37.31 0.51 0.00
ST_LAW_230_BK5_LBMP 345035	29.90 0.19 0.00	34.10 0.11 0.00	29.79 0.04 0.00	30.32 -0.02 0.00	31.48 -0.04 0.00	35.17 -0.03 0.00	51.29 -0.17 0.00	74.61 -0.28 0.00	49.96 -0.10 0.00	44.31 -0.01 0.00	40.42 -0.04 0.00	30.78 -0.06 0.00	29.99 -0.07 0.00	23.58 -0.09 0.00	17.60 -0.05 0.00	22.44 -0.06 0.00	24.93 -0.04 0.00	35.73 0.02 0.00	45.43 0.21 0.00	94.35 0.87 0.00	54.11 0.46 0.00	38.36 0.29 0.00	37.66 0.39 0.00	37.23 0.43 0.00
ST_LAW_230_BK6_LBMP 345036	29.90 0.19 0.00	34.10 0.11 0.00	29.79 0.04 0.00	30.32 -0.02 0.00	31.48 -0.04 0.00	35.17 -0.03 0.00	51.29 -0.17 0.00	74.61 -0.28 0.00	49.96 -0.10 0.00	44.31 -0.01 0.00	40.42 -0.04 0.00	30.78 -0.06 0.00	29.99 -0.07 0.00	23.58 -0.09 0.00	17.60 -0.05 0.00	22.44 -0.06 0.00	24.93 -0.04 0.00	35.73 0.02 0.00	45.43 0.21 0.00	94.35 0.87 0.00	54.11 0.46 0.00	38.36 0.29 0.00	37.66 0.39 0.00	37.23 0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.56 0.85 0.00	34.93 0.95 0.00	30.61 0.86 0.00	31.22 0.88 0.00	32.47 0.95 0.00	36.27 1.07 0.00	53.28 1.83 0.00	77.63 2.75 0.00	51.91 1.85 0.00	45.92 1.59 0.00	41.72 1.26 0.00	31.85 1.00 0.00	31.07 1.01 0.00	24.53 0.86 0.00	18.27 0.63 0.00	23.32 0.83 0.00	25.99 1.03 0.00	37.06 1.35 0.00	46.73 1.51 0.00	96.41 2.93 0.00	55.37 1.71 0.00	39.20 1.13 0.00	38.20 0.93 0.00	37.62 0.82 0.00
SWANROAD_115KV_TB1 355699	24.98 -3.56 1.18	23.66 -3.93 6.39	19.93 -3.59 6.23	21.10 -3.52 5.71	22.44 -3.64 5.44	28.17 -4.14 2.89	35.38 -6.64 9.43	53.85 -9.46 11.57	34.90 -6.16 9.01	32.73 -4.73 6.86	30.18 -3.98 6.30	22.51 -3.02 5.32	21.90 -2.92 5.24	16.70 -2.42 4.56	11.97 -1.72 3.96	15.61 -2.44 4.44	17.53 -2.67 4.76	29.47 -3.91 2.33	40.23 -4.99 0.00	83.23 -10.25 0.00	47.53 -6.13 0.00	34.15 -3.91 0.00	34.24 -3.03 0.00	34.03 -2.77 0.00
SYNERGY___BIOGAS 323694	26.81 -2.07 0.84	27.23 -2.19 4.57	23.26 -2.03 4.46	24.28 -1.97 4.08	25.65 -1.98 3.88	30.89 -2.24 2.07	41.26 -3.46 6.73	61.95 -4.67 8.26	40.49 -3.14 6.43	36.79 -2.64 4.90	33.57 -2.40 4.50	25.12 -1.93 3.80	24.43 -1.89 3.74	18.83 -1.62 3.23	13.69 -1.15 2.80	17.67 -1.67 3.14	19.85 -1.74 3.37	31.82 -2.24 1.65	42.56 -2.67 0.00	88.51 -4.97 0.00	50.64 -3.02 0.00	36.18 -1.88 0.00	36.00 -1.27 0.00	35.69 -1.11 0.00
SYRACUSE___ENERGY_ST1 323597	28.97 -0.74 0.00	33.17 -0.81 0.00	29.07 -0.68 0.00	29.67 -0.66 0.00	30.83 -0.68 0.00	34.40 -0.80 0.00	50.31 -1.14 0.00	73.37 -1.52 0.00	48.88 -1.18 0.00	43.22 -1.11 0.00	39.52 -0.94 0.00	30.14 -0.71 0.00	29.34 -0.72 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.54 0.00	24.34 -0.62 0.00	34.87 -0.84 0.00	44.18 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.18 -0.89 0.00	36.46 -0.81 0.00	36.04 -0.76 0.00
SYRACUSE___ENERGY_ST2 323598	28.97 -0.74 0.00	33.17 -0.81 0.00	29.07 -0.68 0.00	29.67 -0.66 0.00	30.83 -0.68 0.00	34.40 -0.80 0.00	50.31 -1.14 0.00	73.37 -1.52 0.00	48.88 -1.18 0.00	43.22 -1.11 0.00	39.52 -0.94 0.00	30.14 -0.71 0.00	29.34 -0.72 0.00	23.13 -0.54 0.00	17.25 -0.40 0.00	21.96 -0.54 0.00	24.34 -0.62 0.00	34.87 -0.84 0.00	44.18 -1.04 0.00	91.34 -2.14 0.00	52.37 -1.29 0.00	37.18 -0.89 0.00	36.46 -0.81 0.00	36.04 -0.76 0.00
SYRACUSE___POWER 24017	28.95 -0.77 0.00	33.17 -0.82 0.00	29.04 -0.71 0.00	29.65 -0.69 0.00	30.82 -0.70 0.00	34.40 -0.80 0.00	50.33 -1.12 0.00	73.41 -1.48 0.00	48.91 -1.15 0.00	43.24 -1.08 0.00	39.54 -0.92 0.00	30.15 -0.70 0.00	29.36 -0.69 0.00	23.15 -0.53 0.00	17.26 -0.38 0.00	21.97 -0.52 0.00	24.36 -0.61 0.00	34.87 -0.85 0.00	44.19 -1.03 0.00	91.37 -2.11 0.00	52.39 -1.27 0.00	37.21 -0.86 0.00	36.47 -0.80 0.00	36.05 -0.75 0.00
TALLMAN___138KV_BK151 55660	30.63 0.91 0.00	34.99 1.00 0.00	30.68 0.93 0.00	31.28 0.95 0.00	32.53 1.01 0.00	36.33 1.13 0.00	53.43 1.98 0.00	77.85 2.97 0.00	52.07 2.01 0.00	46.08 1.75 0.00	41.88 1.41 0.00	31.98 1.14 0.00	31.20 1.15 0.00	24.64 0.97 0.00	18.36 0.72 0.00	23.44 0.94 0.00	26.13 1.16 0.00	37.20 1.49 0.00	46.87 1.65 0.00	96.67 3.19 0.00	55.51 1.85 0.00	39.27 1.21 0.00	38.28 1.01 0.00	37.70 0.90 0.00
TEALLAVE_115KV_TB7 355573	28.79 -0.93 0.00	32.98 -1.00 0.00	28.87 -0.88 0.00	29.48 -0.86 0.00	30.65 -0.87 0.00	34.20 -1.00 0.00	50.02 -1.44 0.00	72.92 -1.96 0.00	48.62 -1.44 0.00	43.03 -1.30 0.00	39.40 -1.06 0.00	30.04 -0.80 0.00	29.26 -0.80 0.00	23.06 -0.61 0.00	17.19 -0.45 0.00	21.88 -0.61 0.00	24.25 -0.71 0.00	34.71 -1.01 0.00	43.95 -1.28 0.00	90.82 -2.66 0.00	52.07 -1.59 0.00	36.99 -1.08 0.00	36.27 -1.00 0.00	35.85 -0.95 0.00
TELGRAPH_34_KV_EAST 80808	25.83 -2.80 1.08	24.97 -3.05 5.97	20.77 -2.81 6.17	22.21 -2.73 5.39	23.72 -2.80 5.00	29.36 -3.18 2.66	37.75 -5.03 8.67	57.24 -7.01 10.64	37.17 -4.61 8.28	34.38 -3.63 6.31	31.55 -3.12 5.79	23.57 -2.38 4.89	22.92 -2.32 4.81	17.56 -1.93 4.18	12.64 -1.38 3.63	16.43 -1.99 4.07	18.46 -2.13 4.37	30.55 -3.03 2.14	41.44 -3.78 0.00	86.00 -7.48 0.00	49.13 -4.53 0.00	35.23 -2.84 0.00	35.15 -2.12 0.00	34.89 -1.91 0.00
TEMPLE___115KV_TB 2 55572	28.79 -0.92 0.00	32.99 -0.99 0.00	28.88 -0.87 0.00	29.49 -0.85 0.00	30.66 -0.86 0.00	34.21 -0.98 0.00	50.03 -1.42 0.00	72.94 -1.95 0.00	48.63 -1.44 0.00	43.04 -1.28 0.00	39.41 -1.05 0.00	30.05 -0.79 0.00	29.28 -0.78 0.00	23.07 -0.60 0.00	17.21 -0.43 0.00	21.90 -0.60 0.00	24.26 -0.70 0.00	34.72 -0.99 0.00	43.95 -1.27 0.00	90.83 -2.65 0.00	52.08 -1.58 0.00	37.00 -1.07 0.00	36.27 -1.00 0.00	35.86 -0.94 0.00
TIANA____69_KV_BK 1 55817	31.92 2.20 0.00	36.47 2.49 0.00	32.05 2.30 0.00	32.90 2.56 0.00	39.76 2.76 -5.48	54.58 2.94 -16.44	55.22 3.77 0.00	64.85 4.23 14.27	53.47 3.41 0.00	47.99 3.66 0.00	43.15 2.69 0.00	32.84 1.99 0.00	31.85 1.79 0.00	24.96 1.29 0.00	18.55 0.91 0.00	23.67 1.18 0.00	26.54 1.58 0.00	38.07 2.35 0.00	48.13 2.91 0.00	97.83 4.35 0.00	56.38 2.72 0.00	40.47 2.40 0.00	39.20 1.93 0.00	38.74 1.93 0.00
TILDEN___115KV_TB1 80814	28.95 -0.77 0.00	33.17 -0.82 0.00	29.04 -0.71 0.00	29.65 -0.69 0.00	30.82 -0.70 0.00	34.40 -0.80 0.00	50.33 -1.12 0.00	73.41 -1.48 0.00	48.91 -1.15 0.00	43.24 -1.08 0.00	39.54 -0.92 0.00	30.15 -0.70 0.00	29.36 -0.69 0.00	23.15 -0.53 0.00	17.26 -0.38 0.00	21.97 -0.52 0.00	24.36 -0.61 0.00	34.87 -0.85 0.00	44.19 -1.03 0.00	91.37 -2.11 0.00	52.39 -1.27 0.00	37.21 -0.86 0.00	36.47 -0.80 0.00	36.05 -0.75 0.00

TRIGEN___CC 323695	31.33 1.61 0.00	35.78 1.80 0.00	31.34 1.59 0.00	32.01 1.67 0.00	33.28 1.76 0.00	37.08 1.89 0.00	54.44 2.99 0.00	78.88 3.99 0.00	52.99 2.93 0.00	47.06 2.74 0.00	42.75 2.29 0.00	32.66 1.82 0.00	31.85 1.79 0.00	25.10 1.42 0.00	18.67 1.03 0.00	23.85 1.36 0.00	26.62 1.66 0.00	37.93 2.21 0.00	47.75 2.52 0.00	98.09 4.61 0.00	56.43 2.77 0.00	40.06 2.00 0.00	38.96 1.69 0.00	38.34 1.54 0.00
TRINITY___115KV___4 BK 55933	30.80 1.09 0.00	35.23 1.25 0.00	30.87 1.12 0.00	31.49 1.16 0.00	32.74 1.22 0.00	36.61 1.42 0.00	53.52 2.07 0.00	77.86 2.97 0.00	52.12 2.06 0.00	46.15 1.82 0.00	42.00 1.54 0.00	31.98 1.14 0.00	31.14 1.09 0.00	24.49 0.82 0.00	18.22 0.57 0.00	23.29 0.80 0.00	25.92 0.96 0.00	37.09 1.37 0.00	46.83 1.60 0.00	96.44 2.96 0.00	55.43 1.77 0.00	39.32 1.26 0.00	38.37 1.10 0.00	37.78 0.98 0.00
UNION___PROCESSING_DRP 323587	27.81 -1.91 0.00	31.93 -2.05 0.00	27.89 -1.86 0.00	28.51 -1.82 0.00	29.65 -1.87 0.00	33.05 -2.15 0.00	48.13 -3.32 0.00	70.35 -4.54 0.00	47.01 -3.05 0.00	41.84 -2.49 0.00	38.43 -2.04 0.00	29.31 -1.53 0.00	28.55 -1.50 0.00	22.42 -1.25 0.00	16.76 -0.88 0.00	21.21 -1.28 0.00	23.57 -1.40 0.00	33.70 -2.01 0.00	42.70 -2.52 0.00	88.39 -5.09 0.00	50.56 -3.10 0.00	36.08 -1.99 0.00	35.67 -1.60 0.00	35.35 -1.45 0.00
UPPER HUDSON___HYD 24058	31.52 1.81 0.00	36.16 2.18 0.00	31.66 1.91 0.00	32.39 2.05 0.00	33.68 2.17 0.00	37.95 2.76 0.00	55.84 4.39 0.00	81.40 6.51 0.00	54.49 4.43 0.00	47.82 3.50 0.00	43.18 2.72 0.00	32.68 1.83 0.00	31.77 1.72 0.00	24.83 1.16 0.00	18.50 0.87 0.00	23.72 1.22 0.00	26.22 1.26 0.00	37.27 1.56 0.00	47.17 1.94 0.00	96.96 3.48 0.00	55.67 2.02 0.00	39.39 1.32 0.00	38.39 1.12 0.00	37.76 0.96 0.00
UPPER RAQUET___HYD 24056	29.89 0.18 0.00	34.10 0.12 0.00	29.77 0.02 0.00	30.27 -0.07 0.00	31.37 -0.14 0.00	35.09 -0.11 0.00	51.24 -0.21 0.00	74.65 -0.24 0.00	49.89 -0.17 0.00	43.98 -0.35 0.00	39.92 -0.55 0.00	30.28 -0.56 0.00	29.49 -0.56 0.00	23.18 -0.49 0.00	17.31 -0.33 0.00	22.08 -0.41 0.00	24.70 -0.27 0.00	35.57 -0.15 0.00	45.44 0.22 0.00	94.84 1.36 0.00	54.37 0.71 0.00	38.50 0.43 0.00	37.79 0.52 0.00	37.45 0.65 0.00
VALLEY44_115KV_TB2 355964	27.98 -1.74 0.00	32.22 -1.77 0.00	28.08 -1.68 0.00	28.79 -1.54 0.00	29.90 -1.62 0.00	33.25 -1.95 0.00	48.43 -3.02 0.00	71.11 -3.78 0.00	47.24 -2.82 0.00	42.29 -2.04 0.00	38.81 -1.65 0.00	29.79 -1.06 0.00	29.00 -1.05 0.00	22.84 -0.84 0.00	17.05 -0.59 0.00	21.59 -0.90 0.00	23.98 -0.98 0.00	34.17 -1.54 0.00	42.99 -2.23 0.00	89.20 -4.28 0.00	50.90 -2.76 0.00	36.30 -1.76 0.00	36.14 -1.13 0.00	35.93 -0.87 0.00
VALLEY___115KV_TB 1-4 80826	29.88 0.17 0.00	34.25 0.26 0.00	30.13 0.38 0.00	30.82 0.49 0.00	32.04 0.53 0.00	35.85 0.65 0.00	52.55 1.10 0.00	76.46 1.57 0.00	50.79 0.73 0.00	44.44 0.11 0.00	40.38 -0.08 0.00	30.66 -0.19 0.00	29.84 -0.21 0.00	23.45 -0.23 0.00	17.45 -0.19 0.00	22.31 -0.19 0.00	24.78 -0.19 0.00	35.58 -0.13 0.00	45.34 0.11 0.00	93.71 0.23 0.00	53.80 0.14 0.00	38.13 0.06 0.00	37.14 -0.13 0.00	36.47 -0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.71 1.00 0.00	35.20 1.22 0.00	30.85 1.10 0.00	31.53 1.19 0.00	32.80 1.28 0.00	36.71 1.51 0.00	53.88 2.43 0.00	78.49 3.61 0.00	52.29 2.23 0.00	46.19 1.87 0.00	42.40 1.94 0.00	32.06 1.21 0.00	31.20 1.15 0.00	24.63 0.96 0.00	18.32 0.67 0.00	23.38 0.89 0.00	25.96 1.00 0.00	37.13 1.42 0.00	47.01 1.78 0.00	96.86 3.38 0.00	55.63 1.97 0.00	39.41 1.35 0.00	38.51 1.24 0.00	38.01 1.21 0.00
VISCHER___FERRY HYD 24020	30.85 1.14 0.00	35.29 1.30 0.00	30.92 1.17 0.00	31.55 1.22 0.00	32.80 1.29 0.00	36.71 1.51 0.00	53.66 2.21 0.00	78.01 3.13 0.00	52.23 2.17 0.00	46.21 1.88 0.00	42.02 1.56 0.00	31.92 1.08 0.00	31.08 1.03 0.00	24.39 0.72 0.00	18.12 0.48 0.00	23.21 0.72 0.00	25.85 0.88 0.00	36.99 1.28 0.00	46.78 1.55 0.00	96.34 2.87 0.00	55.41 1.75 0.00	39.28 1.21 0.00	38.32 1.05 0.00	37.70 0.90 0.00
V_A_10_SYNC_DSASP 323832	26.11 -2.78 0.83	26.57 -2.95 4.45	22.83 -2.71 4.21	23.73 -2.65 3.96	24.98 -2.72 3.81	29.98 -3.19 2.03	39.84 -4.99 6.62	59.69 -7.07 8.12	39.10 -4.64 6.32	35.98 -3.53 4.82	33.18 -2.86 4.42	24.96 -2.15 3.74	24.30 -2.09 3.67	18.73 -1.77 3.18	13.63 -1.25 2.76	17.62 -1.78 3.10	19.69 -1.95 3.32	31.15 -2.94 1.62	41.34 -3.88 0.00	85.50 -7.98 0.00	48.85 -4.81 0.00	34.93 -3.14 0.00	34.80 -2.48 0.00	34.59 -2.21 0.00
V_CMM_10_SYNC_DSASP 323787	30.07 0.36 0.00	34.30 0.31 0.00	29.97 0.21 0.00	30.49 0.15 0.00	31.65 0.14 0.00	35.37 0.17 0.00	51.57 0.12 0.00	75.02 0.14 0.00	50.25 0.18 0.00	44.58 0.25 0.00	40.65 0.18 0.00	30.94 0.10 0.00	30.15 0.10 0.00	23.70 0.03 0.00	17.69 0.05 0.00	22.56 0.06 0.00	25.08 0.11 0.00	35.95 0.24 0.00	45.72 0.50 0.00	95.01 1.53 0.00	54.47 0.81 0.00	38.61 0.54 0.00	37.92 0.65 0.00	37.50 0.69 0.00
V_CMP_10_SYNC_DSASP 323788	30.52 0.81 0.00	34.38 0.40 0.00	29.63 -0.12 0.00	29.87 -0.47 0.00	31.08 -0.44 0.00	34.89 -0.31 0.00	50.73 -0.73 0.00	73.55 -1.34 0.00	49.26 -0.79 0.00	43.58 -0.74 0.00	39.56 -0.90 0.00	30.27 -0.58 0.00	29.27 -0.79 0.00	19.41 -0.84 3.42	16.99 -0.65 0.00	21.87 -0.63 0.00	24.31 -0.66 0.00	35.00 -0.71 0.00	45.09 -0.13 0.00	94.98 1.50 0.00	54.75 1.09 0.00	38.41 0.34 0.00	37.72 0.45 0.00	36.91 0.11 0.00
V_D_10_SYNC_DSASP 323841	30.20 0.48 0.00	34.43 0.45 0.00	30.08 0.33 0.00	30.60 0.27 0.00	31.76 0.24 0.00	35.51 0.31 0.00	51.77 0.32 0.00	75.35 0.47 0.00	50.43 0.37 0.00	44.69 0.37 0.00	40.71 0.24 0.00	30.97 0.12 0.00	30.18 0.12 0.00	23.73 0.06 0.00	17.72 0.07 0.00	22.59 0.09 0.00	25.14 0.18 0.00	36.07 0.36 0.00	45.91 0.69 0.00	95.47 1.99 0.00	54.73 1.07 0.00	38.79 0.72 0.00	38.09 0.82 0.00	37.68 0.88 0.00
V_E_10_SYNC_DSASP 323830	30.50 0.51 -0.27	36.10 0.67 -1.45	31.64 0.56 -1.33	32.32 0.71 -1.28	33.59 0.83 -1.25	37.07 1.21 -0.66	56.15 2.53 -2.17	80.40 2.86 -2.66	53.04 0.91 -2.07	45.83 -0.08 -1.58	41.56 -0.35 -1.45	31.28 -0.79 -1.23	30.34 -0.92 -1.20	23.88 -0.76 -0.97	17.93 -0.55 -0.84	23.06 -0.37 -0.94	25.44 -0.53 -1.01	36.28 0.07 -0.49	45.93 0.70 0.00	94.43 0.95 0.00	54.73 1.07 0.00	38.64 0.57 0.00	37.85 0.58 0.00	37.17 0.37 0.00
V_F_30_NSYNC___DSASP 323816	31.21 1.50 0.00	35.74 1.76 0.00	31.29 1.55 0.00	31.97 1.64 0.00	33.25 1.74 0.00	37.25 2.05 0.00	54.53 3.08 0.00	79.35 4.46 0.00	52.98 2.92 0.00	46.66 2.34 0.00	42.34 1.88 0.00	32.15 1.30 0.00	31.28 1.23 0.00	24.55 0.88 0.00	18.27 0.63 0.00	23.39 0.90 0.00	26.04 1.08 0.00	37.33 1.62 0.00	47.31 2.09 0.00	97.52 4.04 0.00	56.01 2.35 0.00	39.66 1.59 0.00	38.67 1.40 0.00	38.07 1.27 0.00

V_F_30_SYNC_DSASP 323786	30.89 1.18 0.00	35.33 1.35 0.00	30.96 1.20 0.00	31.58 1.25 0.00	32.84 1.33 0.00	36.72 1.52 0.00	53.73 2.27 0.00	78.15 3.27 0.00	52.30 2.24 0.00	46.27 1.95 0.00	42.12 1.65 0.00	32.08 1.24 0.00	31.23 1.18 0.00	24.57 0.90 0.00	18.28 0.64 0.00	23.37 0.88 0.00	26.01 1.05 0.00	37.22 1.51 0.00	47.04 1.82 0.00	96.90 3.41 0.00	55.63 1.97 0.00	39.47 1.40 0.00	38.52 1.25 0.00	37.92 1.12 0.00
V_XM_10_SYNC_DSASP 323789	30.52 0.81 0.00	34.38 0.40 0.00	29.63 -0.12 0.00	29.87 -0.47 0.00	31.08 -0.44 0.00	34.89 -0.31 0.00	50.73 -0.73 0.00	73.55 -1.34 0.00	49.26 -0.79 0.00	43.58 -0.74 0.00	39.56 -0.90 0.00	30.27 -0.58 0.00	29.27 -0.79 0.00	19.41 -0.84 3.42	16.99 -0.65 0.00	21.87 -0.63 0.00	24.31 -0.66 0.00	35.00 -0.71 0.00	45.09 -0.13 0.00	94.98 1.50 0.00	54.75 1.09 0.00	38.41 0.34 0.00	37.72 0.45 0.00	36.91 0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.74 1.03 0.00	35.13 1.15 0.00	30.79 1.04 0.00	31.40 1.07 0.00	32.65 1.14 0.00	36.47 1.28 0.00	53.64 2.19 0.00	78.17 3.28 0.00	52.28 2.22 0.00	46.28 1.95 0.00	42.05 1.59 0.00	32.12 1.27 0.00	31.33 1.28 0.00	24.74 1.07 0.00	18.43 0.79 0.00	23.53 1.03 0.00	26.23 1.26 0.00	37.37 1.65 0.00	47.08 1.86 0.00	97.11 3.64 0.00	55.76 2.10 0.00	39.45 1.38 0.00	38.44 1.16 0.00	37.84 1.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.05 1.34 0.00	35.44 1.46 0.00	31.07 1.32 0.00	31.66 1.33 0.00	32.90 1.39 0.00	36.73 1.53 0.00	54.10 2.65 0.00	78.87 3.98 0.00	52.82 2.76 0.00	46.75 2.43 0.00	42.61 2.15 0.00	32.62 1.77 0.00	31.85 1.79 0.00	25.13 1.46 0.00	18.71 1.07 0.00	23.86 1.37 0.00	26.58 1.61 0.00	37.84 2.13 0.00	47.57 2.34 0.00	97.85 4.37 0.00	56.18 2.52 0.00	39.75 1.68 0.00	38.72 1.45 0.00	38.09 1.29 0.00
W50THST__13_KV_LOAD 356117	31.17 1.46 0.00	35.57 1.59 0.00	31.18 1.44 0.00	31.78 1.44 0.00	33.04 1.53 0.00	36.90 1.70 0.00	54.39 2.94 0.00	79.37 4.48 0.00	53.14 3.08 0.00	47.01 2.68 0.00	42.85 2.39 0.00	32.83 1.98 0.00	32.07 2.01 0.00	25.30 1.63 0.00	18.83 1.19 0.00	24.02 1.52 0.00	26.74 1.78 0.00	38.07 2.36 0.00	47.81 2.59 0.00	98.31 4.84 0.00	56.42 2.76 0.00	39.90 1.83 0.00	38.85 1.58 0.00	38.22 1.42 0.00
WADING RIVER_IC_1 23522	31.77 2.05 0.00	36.26 2.28 0.00	31.82 2.07 0.00	32.59 2.26 0.00	38.97 2.41 -5.04	52.84 2.53 -15.12	54.63 3.18 0.00	65.20 3.44 13.12	52.90 2.84 0.00	47.64 3.31 0.00	42.95 2.49 0.00	32.74 1.90 0.00	31.83 1.78 0.00	25.03 1.35 0.00	18.60 0.96 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.07 2.36 0.00	48.12 2.90 0.00	97.46 3.99 0.00	56.20 2.54 0.00	40.52 2.45 0.00	39.18 1.91 0.00	38.71 1.91 0.00
WADING RIVER_IC_2 23547	31.77 2.05 0.00	36.26 2.28 0.00	31.82 2.07 0.00	32.59 2.26 0.00	38.97 2.41 -5.04	52.84 2.53 -15.12	54.63 3.18 0.00	65.20 3.44 13.12	52.90 2.84 0.00	47.64 3.31 0.00	42.95 2.49 0.00	32.74 1.90 0.00	31.83 1.78 0.00	25.03 1.35 0.00	18.60 0.96 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.07 2.36 0.00	48.12 2.90 0.00	97.46 3.99 0.00	56.20 2.54 0.00	40.52 2.45 0.00	39.18 1.91 0.00	38.71 1.91 0.00
WADING RIVER_IC_3 23601	31.77 2.05 0.00	36.26 2.28 0.00	31.82 2.07 0.00	32.59 2.26 0.00	38.97 2.41 -5.04	52.84 2.53 -15.12	54.63 3.18 0.00	65.20 3.44 13.12	52.90 2.84 0.00	47.64 3.31 0.00	42.95 2.49 0.00	32.74 1.90 0.00	31.83 1.78 0.00	25.03 1.35 0.00	18.60 0.96 0.00	23.75 1.26 0.00	26.61 1.64 0.00	38.07 2.36 0.00	48.12 2.90 0.00	97.46 3.99 0.00	56.20 2.54 0.00	40.52 2.45 0.00	39.18 1.91 0.00	38.71 1.91 0.00
WALDENNY_12_KV_BK2 80841	26.23 -2.55 0.93	26.17 -2.75 5.07	22.30 -2.55 4.90	23.35 -2.47 4.52	24.67 -2.54 4.31	30.02 -2.88 2.30	39.31 -4.65 7.49	59.16 -6.51 9.22	38.61 -4.27 7.18	35.85 -3.03 5.45	32.99 -2.47 5.00	24.78 -1.84 4.22	24.10 -1.80 4.16	18.54 -1.51 3.62	13.46 -1.04 3.14	17.40 -1.56 3.53	19.53 -1.65 3.79	31.46 -2.41 1.85	42.03 -3.19 0.00	86.99 -6.49 0.00	49.66 -4.00 0.00	35.64 -2.43 0.00	35.57 -1.70 0.00	35.34 -1.47 0.00
WALDEN__HYDRO 24148	30.77 1.05 0.00	35.16 1.17 0.00	30.81 1.06 0.00	31.42 1.09 0.00	32.68 1.16 0.00	36.50 1.30 0.00	53.66 2.21 0.00	78.17 3.28 0.00	52.26 2.20 0.00	46.20 1.87 0.00	41.96 1.50 0.00	32.01 1.17 0.00	31.22 1.17 0.00	24.64 0.97 0.00	18.35 0.71 0.00	23.43 0.94 0.00	26.11 1.15 0.00	37.26 1.54 0.00	47.04 1.82 0.00	97.07 3.59 0.00	55.75 2.09 0.00	39.46 1.40 0.00	38.45 1.18 0.00	37.85 1.05 0.00
WARRENSBURG____ 23737	31.53 1.81 0.00	36.17 2.18 0.00	31.66 1.91 0.00	32.38 2.05 0.00	33.68 2.17 0.00	37.96 2.76 0.00	55.85 4.39 0.00	81.40 6.51 0.00	54.49 4.43 0.00	47.82 3.49 0.00	43.19 2.72 0.00	32.69 1.84 0.00	31.77 1.72 0.00	24.83 1.16 0.00	18.50 0.87 0.00	23.72 1.23 0.00	26.22 1.26 0.00	37.27 1.56 0.00	47.17 1.94 0.00	96.96 3.48 0.00	55.67 2.02 0.00	39.39 1.32 0.00	38.39 1.12 0.00	37.76 0.96 0.00
WATERSIDE____6 8 9 23538	25.31 1.47 5.88	30.71 1.60 4.87	25.45 1.46 5.75	26.23 1.44 5.54	27.63 1.50 5.39	32.19 1.62 4.63	52.76 2.75 1.44	78.47 4.11 0.53	51.07 2.91 1.90	44.12 2.59 2.80	39.26 2.33 3.53	28.11 1.91 4.64	28.23 1.93 3.75	20.61 1.56 4.63	13.66 1.15 5.13	18.82 1.47 5.14	19.99 1.73 6.70	32.96 2.27 5.02	43.77 2.44 3.90	97.71 4.61 0.38	51.54 2.70 4.82	35.60 1.81 4.27	34.38 1.58 4.47	33.21 1.44 5.02
WATKINRD_115KV_LN8_ILLION 55919	29.94 0.22 0.00	34.28 0.30 0.00	30.10 0.35 0.00	30.75 0.42 0.00	31.96 0.44 0.00	35.75 0.55 0.00	52.38 0.93 0.00	76.20 1.32 0.00	50.73 0.67 0.00	44.57 0.24 0.00	40.54 0.08 0.00	30.81 -0.03 0.00	30.00 -0.05 0.00	23.61 -0.07 0.00	17.57 -0.07 0.00	22.46 -0.04 0.00	24.95 -0.02 0.00	35.79 0.08 0.00	45.49 0.26 0.00	93.96 0.47 0.00	53.97 0.31 0.00	38.25 0.19 0.00	37.31 0.04 0.00	36.71 -0.09 0.00
WATSON____69_KV_BK 1 55734	31.90 2.19 0.00	36.42 2.44 0.00	31.92 2.17 0.00	32.66 2.32 0.00	33.98 2.46 0.00	37.84 2.64 0.00	55.38 3.93 0.00	79.85 4.97 0.00	53.80 3.74 0.00	47.93 3.61 0.00	43.31 2.85 0.00	33.03 2.19 0.00	32.16 2.11 0.00	25.31 1.64 0.00	18.82 1.18 0.00	24.05 1.55 0.00	26.92 1.96 0.00	38.48 2.76 0.00	48.56 3.34 0.00	99.61 6.13 0.00	57.41 3.75 0.00	40.87 2.80 0.00	39.64 2.37 0.00	38.99 2.19 0.00
WDELAWARE__HYD 323627	31.08 1.36 0.00	35.52 1.54 0.00	31.13 1.39 0.00	31.76 1.43 0.00	33.05 1.53 0.00	36.95 1.75 0.00	54.34 2.89 0.00	79.11 4.22 0.00	52.62 2.56 0.00	46.41 2.09 0.00	42.29 1.83 0.00	32.17 1.32 0.00	31.34 1.28 0.00	24.59 0.92 0.00	18.27 0.63 0.00	23.34 0.85 0.00	26.06 1.10 0.00	37.28 1.57 0.00	47.25 2.03 0.00	97.67 4.19 0.00	56.03 2.37 0.00	39.67 1.60 0.00	38.64 1.37 0.00	38.02 1.22 0.00

WEST BABYLON___IC 23714	31.79 2.08 0.00	36.31 2.33 0.00	31.81 2.06 0.00	32.53 2.19 0.00	33.83 2.32 0.00	37.69 2.49 0.00	55.22 3.77 0.00	79.73 4.84 0.00	53.67 3.61 0.00	47.75 3.43 0.00	43.20 2.74 0.00	32.96 2.11 0.00	32.10 2.04 0.00	25.27 1.59 0.00	18.79 1.15 0.00	24.01 1.51 0.00	26.87 1.90 0.00	38.37 2.66 0.00	48.41 3.18 0.00	99.37 5.89 0.00	57.25 3.59 0.00	40.73 2.66 0.00	39.51 2.24 0.00	38.87 2.06 0.00
WEST CANADA___HYD 24049	29.85 0.14 0.00	34.15 0.17 0.00	29.92 0.17 0.00	30.50 0.17 0.00	31.68 0.16 0.00	35.40 0.20 0.00	51.81 0.36 0.00	75.40 0.52 0.00	50.37 0.31 0.00	44.54 0.21 0.00	40.62 0.15 0.00	30.94 0.09 0.00	30.15 0.09 0.00	23.75 0.08 0.00	17.68 0.04 0.00	22.57 0.08 0.00	25.06 0.09 0.00	35.85 0.14 0.00	45.41 0.18 0.00	93.77 0.30 0.00	53.85 0.19 0.00	38.21 0.14 0.00	37.34 0.08 0.00	36.87 0.06 0.00
WESTERN_NY_WIND 24143	26.68 -2.13 0.90	26.80 -2.29 4.89	22.83 -2.12 4.79	23.90 -2.06 4.37	25.26 -2.09 4.15	30.64 -2.34 2.21	40.59 -3.65 7.21	61.14 -4.90 8.85	39.86 -3.32 6.88	36.31 -2.76 5.25	33.11 -2.54 4.82	24.78 -2.00 4.07	24.08 -1.97 4.00	18.56 -1.65 3.46	13.46 -1.18 3.00	17.39 -1.73 3.37	19.54 -1.81 3.62	31.62 -2.32 1.77	42.47 -2.75 0.00	88.33 -5.15 0.00	50.52 -3.14 0.00	36.15 -1.92 0.00	35.95 -1.32 0.00	35.64 -1.16 0.00
WESTOVER___LESR 323668	29.01 -0.70 0.00	33.31 -0.67 0.00	29.13 -0.63 0.00	29.80 -0.54 0.00	30.97 -0.54 0.00	34.59 -0.61 0.00	50.68 -0.77 0.00	73.92 -0.97 0.00	49.20 -0.86 0.00	43.67 -0.66 0.00	39.72 -0.75 0.00	30.33 -0.52 0.00	29.54 -0.52 0.00	23.31 -0.36 0.00	17.38 -0.26 0.00	22.13 -0.36 0.00	24.57 -0.39 0.00	35.17 -0.55 0.00	44.44 -0.79 0.00	91.87 -1.61 0.00	52.62 -1.04 0.00	37.38 -0.69 0.00	36.69 -0.58 0.00	36.23 -0.57 0.00
WETHRSFD_WT_PWR 323626	17.89 -3.47 8.36	-14.61 -3.59 45.01	-15.54 -3.27 42.02	-12.80 -3.26 39.88	-10.43 -3.29 38.66	10.83 -3.80 20.57	-21.05 -5.43 67.07	-15.23 -7.99 82.13	-19.36 -5.49 63.93	-9.28 -4.81 48.80	-8.94 -4.58 44.82	-10.54 -3.54 37.85	-10.66 -3.44 37.28	-11.71 -2.72 32.67	-12.67 -1.97 28.35	-11.95 -2.61 31.84	-11.92 -2.76 34.12	15.16 -3.88 16.68	40.50 -4.72 0.00	85.02 -8.46 0.00	48.80 -4.86 0.00	34.95 -3.12 0.00	34.81 -2.46 0.00	34.55 -2.25 0.00
WHAVSTOR_138KV_BK127 55557	30.65 0.94 0.00	35.03 1.05 0.00	30.71 0.95 0.00	31.31 0.98 0.00	32.55 1.04 0.00	36.35 1.15 0.00	53.45 2.00 0.00	77.87 2.98 0.00	52.09 2.03 0.00	46.11 1.78 0.00	41.91 1.45 0.00	32.02 1.18 0.00	31.23 1.18 0.00	24.66 0.98 0.00	18.37 0.73 0.00	23.45 0.95 0.00	26.13 1.17 0.00	37.22 1.50 0.00	46.89 1.67 0.00	96.67 3.19 0.00	55.53 1.87 0.00	39.29 1.22 0.00	38.29 1.02 0.00	37.71 0.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.65 0.94 0.00	35.03 1.05 0.00	30.71 0.95 0.00	31.31 0.98 0.00	32.55 1.04 0.00	36.35 1.15 0.00	53.45 2.00 0.00	77.87 2.98 0.00	52.09 2.03 0.00	46.11 1.78 0.00	41.91 1.45 0.00	32.02 1.18 0.00	31.23 1.18 0.00	24.66 0.98 0.00	18.37 0.73 0.00	23.45 0.95 0.00	26.13 1.17 0.00	37.22 1.50 0.00	46.89 1.67 0.00	96.67 3.19 0.00	55.53 1.87 0.00	39.29 1.22 0.00	38.29 1.02 0.00	37.71 0.91 0.00
WHITEHAL_115KV_TB1 80871	32.20 2.49 0.00	36.75 2.77 0.00	32.12 2.37 0.00	33.01 2.67 0.00	34.27 2.75 0.00	38.64 3.44 0.00	56.71 5.26 0.00	82.76 7.87 0.00	55.70 5.64 0.00	48.80 4.47 0.00	44.17 3.70 0.00	33.23 2.39 0.00	32.38 2.33 0.00	25.08 1.41 0.00	18.73 1.09 0.00	24.10 1.61 0.00	26.86 1.90 0.00	38.42 2.71 0.00	48.52 3.30 0.00	99.59 6.11 0.00	57.44 3.78 0.00	40.50 2.43 0.00	39.41 2.14 0.00	38.54 1.74 0.00
WHITEPLN_13_KV_LOAD 356215	31.18 1.47 0.00	35.61 1.63 0.00	31.21 1.46 0.00	31.82 1.49 0.00	33.09 1.57 0.00	36.94 1.74 0.00	54.37 2.91 0.00	79.21 4.32 0.00	53.04 2.98 0.00	46.97 2.65 0.00	42.72 2.26 0.00	32.64 1.80 0.00	31.85 1.79 0.00	25.12 1.45 0.00	18.69 1.05 0.00	23.88 1.38 0.00	26.61 1.65 0.00	37.93 2.22 0.00	47.79 2.57 0.00	98.44 4.96 0.00	56.50 2.84 0.00	39.98 1.91 0.00	38.92 1.65 0.00	38.30 1.49 0.00
WM_FLOYD_69_KV_BK2 356380	31.80 2.09 0.00	36.31 2.32 0.00	31.83 2.08 0.00	32.60 2.26 0.00	40.42 2.42 -6.48	57.21 2.56 -19.45	54.87 3.41 0.00	61.96 3.97 16.89	53.17 3.11 0.00	47.64 3.32 0.00	42.98 2.52 0.00	32.77 1.92 0.00	31.86 1.81 0.00	25.05 1.38 0.00	18.62 0.98 0.00	23.80 1.31 0.00	26.66 1.70 0.00	38.14 2.43 0.00	48.18 2.96 0.00	98.22 4.74 0.00	56.60 2.94 0.00	40.54 2.48 0.00	39.31 2.04 0.00	38.76 1.97 0.00
WOODARD___115KV_TB2 355635	28.79 -0.93 0.00	32.97 -1.01 0.00	28.87 -0.88 0.00	29.47 -0.86 0.00	30.63 -0.89 0.00	34.18 -1.01 0.00	49.97 -1.48 0.00	72.85 -2.04 0.00	48.58 -1.48 0.00	43.00 -1.33 0.00	39.37 -1.10 0.00	30.02 -0.83 0.00	29.24 -0.81 0.00	23.04 -0.63 0.00	17.18 -0.46 0.00	21.87 -0.62 0.00	24.23 -0.73 0.00	34.68 -1.03 0.00	43.91 -1.31 0.00	90.74 -2.74 0.00	52.04 -1.62 0.00	36.97 -1.10 0.00	36.24 -1.03 0.00	35.83 -0.97 0.00
YORK___WARBASSE 23770	58.39 1.65 -27.04	58.13 1.77 -22.38	57.82 1.64 -26.44	57.40 1.61 -25.45	57.98 1.73 -24.74	58.35 1.88 -21.27	61.17 3.11 -6.61	81.99 4.65 -2.45	62.07 3.29 -8.72	60.11 2.94 -12.85	59.34 2.64 -16.23	57.97 2.14 -24.99	57.98 2.14 -25.78	57.93 1.73 -32.53	57.88 1.27 -38.97	57.93 1.63 -33.82	59.16 1.93 -32.27	61.72 2.55 -23.46	65.88 2.78 -17.89	100.48 5.24 -1.76	78.88 3.11 -22.11	59.79 2.10 -19.62	59.66 1.87 -20.52	63.32 1.73 -24.79