

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/10/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	27.60	27.14	31.68	27.31	28.07	32.18	78.32	40.36	76.59	34.93	93.89	51.21	51.58	46.66	38.92	29.26	34.70	98.65	39.16	37.58	28.91	30.28	31.87	32.79
24138	1.60	1.47	1.67	1.45	1.50	1.63	3.92	2.98	5.51	2.68	6.41	3.52	3.84	3.32	2.98	2.46	2.83	9.55	3.84	3.44	2.44	2.30	2.06	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	27.56	27.11	31.65	27.29	28.04	32.15	78.28	40.27	76.39	34.83	93.69	51.11	51.47	46.55	38.83	29.19	34.62	98.38	39.03	37.47	28.81	30.20	31.79	32.71
24260	1.57	1.44	1.63	1.42	1.48	1.59	3.88	2.90	5.32	2.58	6.21	3.42	3.73	3.22	2.89	2.39	2.75	9.28	3.71	3.33	2.34	2.21	1.98	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	27.56	27.11	31.65	27.29	28.04	32.15	78.28	40.27	76.39	34.83	93.69	51.11	51.47	46.55	38.83	29.19	34.62	98.38	39.03	37.47	28.81	30.20	31.79	32.71
24261	1.57	1.44	1.63	1.42	1.48	1.59	3.88	2.90	5.32	2.58	6.21	3.42	3.73	3.22	2.89	2.39	2.75	9.28	3.71	3.33	2.34	2.21	1.98	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	27.26	26.83	31.23	26.92	27.81	32.16	78.24	39.70	75.42	34.11	92.25	50.18	50.49	45.54	37.64	28.29	34.61	94.14	37.33	36.17	27.96	29.31	31.11	32.17
24011	1.26	1.16	1.21	1.06	1.25	1.60	3.84	2.33	4.35	1.87	4.77	2.49	2.75	2.19	1.70	1.48	1.74	5.04	2.01	2.03	1.49	1.33	1.29	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	27.47	26.95	31.35	27.03	28.00	32.50	78.88	40.10	76.17	34.45	92.94	50.61	50.93	45.91	37.94	28.54	34.93	94.83	37.65	36.55	28.24	29.58	31.31	32.30
23798	1.47	1.28	1.34	1.17	1.44	1.94	4.48	2.73	5.10	2.20	5.46	2.92	3.20	2.57	2.00	1.73	2.06	5.72	2.34	2.41	1.76	1.59	1.50	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	27.26	26.83	31.23	26.92	27.81	32.16	78.24	39.70	75.42	34.11	92.25	50.18												

ALBANY___4 23574	26.30 0.31 0.00	25.94 0.27 0.00	30.29 0.27 0.00	26.10 0.23 0.00	26.84 0.28 0.00	30.77 0.22 0.00	75.08 0.68 0.00	38.08 0.70 0.00	72.34 1.26 0.00	32.80 0.56 0.00	88.67 1.19 0.00	48.31 0.62 0.00	48.48 0.74 0.00	44.01 0.67 0.00	36.51 0.57 0.00	27.42 0.62 0.00	33.52 0.80 -4.35	91.64 2.54 0.00	36.28 0.96 0.00	35.04 0.90 0.00	27.10 0.62 0.00	28.50 0.52 0.00	30.06 0.25 0.00	31.09 0.03 0.00
ALBANY___LFGE 323615	26.56 0.56 0.00	26.20 0.53 0.00	30.58 0.57 0.00	26.36 0.49 0.00	27.11 0.55 0.00	31.09 0.53 0.00	75.87 1.47 0.00	38.49 1.11 0.00	73.11 2.04 0.00	33.15 0.91 0.00	89.63 2.15 0.00	48.82 1.13 0.00	48.99 1.25 0.00	44.48 1.14 0.00	36.90 0.96 0.00	27.72 0.91 0.00	33.88 1.12 -4.40	92.62 3.52 0.00	36.66 1.34 0.00	35.41 1.27 0.00	27.38 0.90 0.00	28.79 0.80 0.00	30.37 0.56 0.00	31.42 0.35 0.00
ALCOA_PA_115KV_PL-6C 55860	26.18 0.19 0.00	25.87 0.19 0.00	30.32 0.30 0.00	26.09 0.23 0.00	26.75 0.18 0.00	30.86 0.30 0.00	75.24 0.85 0.00	37.33 -0.05 0.00	71.02 -0.05 0.00	32.24 0.00 0.00	88.16 0.68 0.00	48.20 0.51 0.00	48.17 0.43 0.00	43.73 0.38 0.00	36.04 0.10 0.00	26.83 0.02 0.00	28.19 -0.17 0.00	88.40 -0.70 0.00	35.01 -0.31 0.00	33.93 -0.21 0.00	26.44 -0.04 0.00	28.12 0.14 0.00	30.14 0.33 0.00	31.43 0.36 0.00
ALCOA_RYNLDS___DRP 24188	26.18 0.19 0.00	25.87 0.19 0.00	30.32 0.30 0.00	26.09 0.23 0.00	26.75 0.18 0.00	30.86 0.30 0.00	75.24 0.85 0.00	37.33 -0.05 0.00	71.02 -0.05 0.00	32.24 0.00 0.00	88.16 0.68 0.00	48.20 0.51 0.00	48.17 0.43 0.00	43.73 0.38 0.00	36.04 0.10 0.00	26.83 0.02 0.00	28.19 -0.17 0.00	88.40 -0.70 0.00	35.01 -0.31 0.00	33.93 -0.21 0.00	26.44 -0.04 0.00	28.12 0.14 0.00	30.14 0.33 0.00	31.43 0.36 0.00
ALCOA___DSASP 323711	26.18 0.19 0.00	25.87 0.20 0.00	30.32 0.30 0.00	26.09 0.22 0.00	26.75 0.19 0.00	30.86 0.30 0.00	75.25 0.85 0.00	37.33 -0.05 0.00	71.02 -0.05 0.00	32.24 0.00 0.00	88.16 0.68 0.00	48.20 0.51 0.00	48.17 0.43 0.00	43.73 0.38 0.00	36.04 0.10 0.00	26.83 0.02 0.00	28.19 -0.17 0.00	88.40 -0.70 0.00	35.01 -0.31 0.00	33.93 -0.21 0.00	26.44 -0.04 0.00	28.12 0.14 0.00	30.14 0.33 0.00	31.43 0.36 0.00
ALLEGHENY___COGEN 23514	25.18 -0.81 0.00	25.03 -0.64 0.00	29.21 -0.80 0.00	25.32 -0.54 0.00	26.01 -0.55 0.00	30.28 -0.28 0.00	73.83 -0.57 0.00	37.79 0.42 0.00	70.99 -0.09 0.00	31.96 -0.29 0.00	83.91 -3.10 0.47	45.04 -2.65 0.00	44.84 -2.90 0.00	41.62 -1.72 0.00	35.16 -0.78 0.00	26.23 -0.58 0.00	29.35 -0.05 -1.03	90.04 0.93 0.00	35.60 0.29 0.00	34.57 0.43 0.00	26.57 0.09 0.00	28.09 0.10 0.00	30.08 0.27 0.00	31.44 0.37 0.00
ALTAMONT_115KV_TB 2 55880	26.64 0.64 0.00	26.26 0.59 0.00	30.68 0.67 0.00	26.44 0.57 0.00	27.18 0.62 0.00	31.18 0.62 0.00	76.01 1.61 0.00	38.58 1.20 0.00	73.26 2.18 0.00	33.23 0.98 0.00	89.77 2.29 0.00	48.92 1.23 0.00	49.09 1.35 0.00	44.55 1.21 0.00	36.96 1.02 0.00	27.75 0.95 0.00	33.88 1.16 -4.35	92.81 3.70 0.00	36.77 1.45 0.00	35.50 1.36 0.00	27.45 0.97 0.00	28.87 0.88 0.00	30.50 0.69 0.00	31.58 0.51 0.00
ALTONA_WT_PWR 323606	25.53 -0.46 0.00	25.18 -0.48 0.00	29.79 -0.22 0.00	25.60 -0.26 0.00	26.15 -0.42 0.00	30.16 -0.40 0.00	73.89 -0.51 0.00	36.42 -0.95 0.00	69.01 -2.07 0.00	31.36 -0.88 0.00	86.29 -1.19 0.00	47.39 -0.30 0.00	47.50 -0.24 0.00	43.24 -0.10 0.00	35.48 -0.46 0.00	26.68 -0.13 0.00	28.02 -0.35 0.00	88.03 -1.08 0.00	35.03 -0.29 0.00	34.15 0.02 0.00	26.48 0.00 0.00	27.90 -0.09 0.00	30.10 0.29 0.00	31.35 0.28 0.00
AMERICAN_REF_FUEL 24010	23.56 -2.43 0.00	23.45 -2.22 0.00	27.16 -2.85 0.00	23.48 -2.39 0.00	24.02 -2.54 0.00	27.97 -2.59 0.00	67.89 -6.51 0.00	34.42 -2.96 0.00	64.64 -6.44 0.00	29.16 -3.08 0.00	76.05 -10.55 0.89	41.83 -5.86 0.00	41.58 -6.15 0.00	38.25 -5.09 0.00	32.38 -3.56 0.00	24.09 -2.71 0.00	26.68 -2.66 -0.97	80.74 -8.36 0.00	32.12 -3.20 0.00	31.26 -2.88 0.00	24.06 -2.42 0.00	25.48 -2.50 0.00	27.42 -2.39 0.00	28.93 -2.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.12 -1.87 0.00	24.11 -1.56 0.00	28.04 -1.98 0.00	24.30 -1.57 0.00	25.08 -1.48 0.00	29.25 -1.30 0.00	71.38 -3.02 0.00	36.72 -0.66 0.00	69.24 -1.84 0.00	31.23 -1.02 0.00	82.47 -4.26 0.75	45.04 -2.65 0.00	44.81 -2.92 0.00	40.97 -2.37 0.00	33.96 -1.98 0.00	25.27 -1.53 0.00	28.23 -1.16 -1.03	86.09 -3.02 0.00	34.36 -0.96 0.00	33.64 -0.50 0.00	25.81 -0.67 0.00	27.26 -0.73 0.00	29.33 -0.48 0.00	30.79 -0.28 0.00
ARTHUR_KILL_GT_1 23520	27.57 1.58 0.00	27.14 1.47 0.00	31.70 1.68 0.00	27.36 1.49 0.00	28.10 1.54 0.00	32.09 1.53 0.00	77.61 3.21 0.00	40.02 2.65 0.00	75.43 4.36 0.00	34.59 2.35 0.00	92.10 4.98 0.36	50.50 2.81 0.01	50.80 3.07 0.01	45.95 2.61 0.01	38.60 2.66 0.00	29.11 2.31 0.00	34.47 2.60 -3.50	46.62 8.18 50.66	38.77 3.46 0.00	37.35 3.21 0.00	28.75 2.27 0.00	30.12 2.13 0.00	31.98 2.17 0.00	32.97 1.89 0.00
ARTHUR_KILL_2 23512	27.51 1.51 0.00	27.07 1.40 0.00	31.64 1.62 0.00	27.29 1.43 0.00	28.04 1.48 0.00	32.01 1.45 0.00	77.38 2.98 0.00	39.91 2.54 0.00	75.22 4.14 0.00	34.50 2.25 0.00	91.84 4.72 0.36	50.35 2.67 0.01	50.66 2.93 0.01	45.82 2.48 0.01	38.49 2.55 0.00	29.03 2.23 0.00	34.38 2.51 -3.50	46.31 7.87 50.66	38.66 3.35 0.00	37.23 3.09 0.00	28.66 2.19 0.00	30.03 2.04 0.00	31.89 2.08 0.00	32.87 1.80 0.00
ARTHUR_KILL_3 23513	27.33 1.34 0.00	26.88 1.22 0.00	31.40 1.38 0.00	27.07 1.21 0.00	27.81 1.25 0.00	31.85 1.29 0.00	77.46 3.06 0.00	39.88 2.51 0.00	75.56 4.48 0.00	-153.39 2.20 187.83	92.57 5.09 0.00	50.49 2.80 0.00	50.88 3.14 0.00	45.99 2.65 0.00	38.39 2.45 0.00	28.84 2.04 0.00	34.30 2.43 -3.51	97.42 8.31 0.00	38.64 3.33 0.00	37.08 2.94 0.00	28.55 2.08 0.00	29.92 1.93 0.00	31.47 1.66 0.00	32.39 1.32 0.00
ARTHUR_KILL_COGEN 323718	27.57 1.58 0.00	27.14 1.47 0.00	31.70 1.68 0.00	27.36 1.49 0.00	28.10 1.54 0.00	32.09 1.53 0.00	77.61 3.21 0.00	40.02 2.65 0.00	75.43 4.36 0.00	34.59 2.35 0.00	92.10 4.98 0.36	50.50 2.81 0.01	50.80 3.07 0.01	45.95 2.61 0.01	38.60 2.66 0.00	29.11 2.31 0.00	34.47 2.60 -3.50	46.62 8.18 50.66	38.77 3.46 0.00	37.35 3.21 0.00	28.75 2.27 0.00	30.12 2.13 0.00	31.98 2.17 0.00	32.97 1.89 0.00
ASHOKAN____ 23654	27.60 1.60 0.00	27.19 1.52 0.00	31.74 1.72 0.00	27.33 1.47 0.00	28.13 1.57 0.00	32.34 1.78 0.00	79.03 4.63 0.00	40.30 2.93 0.00	76.53 5.46 0.00	34.73 2.48 0.00	93.69 6.21 0.00	50.95 3.26 0.00	51.07 3.33 0.00	46.36 3.02 0.00	38.55 2.61 0.00	28.63 1.82 0.00	34.53 2.28 -3.88	96.93 7.82 0.00	38.40 3.08 0.00	37.05 2.91 0.00	28.58 2.10 0.00	29.98 1.99 0.00	31.53 1.72 0.00	32.54 1.47 0.00

ASTORIA_GT_10 24110	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.01 5.53 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.44 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.50 1.43 0.00
ASTORIA_GT_11 24225	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.01 5.53 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.44 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.50 1.43 0.00
ASTORIA_GT_12 24226	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.01 5.53 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.44 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.50 1.43 0.00
ASTORIA_GT_13 24227	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.01 5.53 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.44 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.50 1.43 0.00
ASTORIA_GT_5 24106	27.29 1.29 0.00	26.85 1.18 0.00	31.32 1.30 0.00	27.04 1.18 0.00	27.78 1.22 0.00	31.81 1.26 0.00	77.49 3.10 0.01	39.94 2.57 0.01	75.81 4.73 0.00	34.64 2.40 0.00	92.90 5.42 0.00	50.73 3.04 0.00	51.06 3.32 0.00	46.18 2.84 0.00	38.57 2.63 0.00	29.00 2.20 0.00	34.33 2.46 -3.51	97.84 8.74 0.00	38.76 3.45 0.00	37.19 3.05 0.00	28.63 2.16 0.00	29.98 1.99 0.00	31.53 1.72 0.00	32.45 1.38 0.00
ASTORIA_GT_7 24107	27.29 1.29 0.00	26.85 1.18 0.00	31.32 1.30 0.00	27.04 1.18 0.00	27.78 1.22 0.00	31.81 1.26 0.00	77.49 3.10 0.01	39.94 2.57 0.01	75.81 4.73 0.00	34.64 2.40 0.00	92.90 5.42 0.00	50.73 3.04 0.00	51.06 3.32 0.00	46.18 2.84 0.00	38.57 2.63 0.00	29.00 2.20 0.00	34.33 2.46 -3.51	97.84 8.74 0.00	38.76 3.45 0.00	37.19 3.05 0.00	28.63 2.16 0.00	29.98 1.99 0.00	31.53 1.72 0.00	32.45 1.38 0.00
ASTORIA_GT_8 24108	27.29 1.29 0.00	26.85 1.18 0.00	31.32 1.30 0.00	27.04 1.18 0.00	27.78 1.22 0.00	31.81 1.26 0.00	77.50 3.11 0.01	39.94 2.57 0.01	75.81 4.73 0.00	34.64 2.40 0.00	92.91 5.43 0.00	50.73 3.04 0.00	51.06 3.32 0.00	46.18 2.84 0.00	38.58 2.63 0.00	29.00 2.20 0.00	34.33 2.46 -3.51	97.84 8.74 0.00	38.76 3.45 0.00	37.19 3.05 0.00	28.63 2.16 0.00	29.98 1.99 0.00	31.53 1.72 0.00	32.46 1.39 0.00
ASTORIA___2 24149	27.24 1.24 0.00	26.80 1.13 0.00	31.27 1.26 0.00	27.00 1.14 0.00	27.74 1.18 0.00	31.76 1.21 0.00	77.37 2.98 0.01	39.85 2.48 0.01	75.67 4.60 0.00	34.57 2.32 0.00	92.72 5.24 0.00	50.62 2.94 0.00	50.96 3.22 0.00	46.09 2.75 0.00	38.50 2.56 0.00	28.95 2.14 0.00	34.27 2.40 -3.51	97.62 8.52 0.00	38.68 3.36 0.00	37.11 2.97 0.00	28.58 2.10 0.00	29.92 1.93 0.00	31.47 1.66 0.00	32.40 1.32 0.00
ASTORIA___3 23516	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.41 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.00 5.52 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.45 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
ASTORIA___4 23517	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.01 5.53 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.44 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.50 1.43 0.00
ASTORIA___5 23518	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.41 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.00 5.52 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.45 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
AST_ENERGY_2_CC3 323677	18.87 1.38 8.50	25.43 1.26 1.49	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.28 0.00	31.90 1.35 0.00	77.65 3.25 0.00	39.97 2.60 0.00	75.82 4.75 0.00	34.57 2.32 0.00	92.93 5.45 0.00	50.69 3.00 0.00	51.06 3.32 0.00	46.18 2.84 0.00	38.52 2.58 0.00	28.98 2.17 0.00	34.38 2.51 -3.51	97.84 8.74 0.00	38.81 3.49 0.00	36.30 3.05 0.89	28.61 2.13 0.00	29.98 1.99 0.00	31.55 1.74 0.00	32.44 1.37 0.00
AST_ENERGY_2_CC4 323678	18.87 1.38 8.50	25.43 1.26 1.49	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.28 0.00	31.90 1.35 0.00	77.65 3.25 0.00	39.97 2.60 0.00	75.82 4.75 0.00	34.57 2.32 0.00	92.93 5.45 0.00	50.69 3.00 0.00	51.06 3.32 0.00	46.18 2.84 0.00	38.52 2.58 0.00	28.98 2.17 0.00	34.38 2.51 -3.51	97.84 8.74 0.00	38.81 3.49 0.00	36.30 3.05 0.89	28.61 2.13 0.00	29.98 1.99 0.00	31.55 1.74 0.00	32.44 1.37 0.00
ATHENS_STG_1 23668	26.71 0.71 0.00	26.32 0.65 0.00	30.76 0.75 0.00	26.51 0.65 0.00	27.25 0.68 0.00	31.23 0.67 0.00	76.10 1.70 0.00	38.76 1.38 0.00	73.58 2.50 0.00	33.42 1.18 0.00	90.20 2.72 0.00	49.16 1.47 0.00	49.37 1.63 0.00	44.79 1.44 0.00	37.21 1.27 0.00	27.94 1.14 0.00	33.64 1.37 -3.90	93.63 4.52 0.00	37.13 1.81 0.00	35.80 1.67 0.00	27.63 1.16 0.00	29.04 1.05 0.00	30.65 0.84 0.00	31.70 0.63 0.00
ATHENS_STG_2 23670	26.71 0.71 0.00	26.32 0.65 0.00	30.76 0.75 0.00	26.51 0.65 0.00	27.25 0.68 0.00	31.23 0.67 0.00	76.10 1.70 0.00	38.76 1.38 0.00	73.58 2.50 0.00	33.42 1.18 0.00	90.20 2.72 0.00	49.16 1.47 0.00	49.37 1.63 0.00	44.79 1.44 0.00	37.21 1.27 0.00	27.94 1.14 0.00	33.64 1.37 -3.90	93.63 4.52 0.00	37.13 1.81 0.00	35.80 1.67 0.00	27.63 1.16 0.00	29.04 1.05 0.00	30.65 0.84 0.00	31.70 0.63 0.00

ATHENS_STG_3 23677	26.71 0.71 0.00	26.32 0.65 0.00	30.76 0.75 0.00	26.51 0.65 0.00	27.25 0.68 0.00	31.23 0.67 0.00	76.10 1.70 0.00	38.76 1.38 0.00	73.58 2.50 0.00	33.42 1.18 0.00	90.20 2.72 0.00	49.16 1.47 0.00	49.37 1.63 0.00	44.79 1.44 0.00	37.21 1.27 0.00	27.94 1.14 0.00	33.64 1.37 -3.90	93.63 4.52 0.00	37.13 1.81 0.00	35.80 1.67 0.00	27.63 1.16 0.00	29.04 1.05 0.00	30.65 0.84 0.00	31.70 0.63 0.00
AUBURN___LFGE 323710	25.76 -0.24 0.00	25.49 -0.18 0.00	29.82 -0.20 0.00	25.78 -0.08 0.00	26.48 -0.08 0.00	30.50 -0.05 0.00	74.11 -0.29 0.00	37.43 0.06 0.00	71.04 -0.04 0.00	32.18 -0.06 0.00	87.45 -0.35 -0.32	47.38 -0.31 0.00	47.25 -0.49 0.00	43.01 -0.33 0.00	35.92 -0.03 0.00	26.66 -0.14 0.00	29.24 0.04 -0.83	89.31 0.20 0.00	35.47 0.16 0.00	34.28 0.15 0.00	26.40 -0.08 0.00	27.96 -0.03 0.00	29.68 -0.14 0.00	31.12 0.05 0.00
BABYLON_RES_REC 323704	34.17 1.84 -6.34	34.72 1.73 -7.33	34.77 1.98 -2.77	34.20 1.70 -6.63	33.67 1.75 -5.36	32.34 1.79 0.00	78.22 3.82 0.00	40.52 3.14 0.00	77.87 6.06 -0.73	52.77 2.84 -17.68	93.89 6.42 0.00	51.13 3.44 0.00	81.00 4.07 -29.20	48.39 3.62 -1.43	41.95 3.22 -2.80	58.60 2.62 -29.17	86.05 2.98 -54.70	312.80 10.10 -213.60	284.67 4.00 -245.35	279.74 3.62 -241.99	120.72 2.60 -91.65	36.09 2.50 -5.60	36.50 2.29 -4.39	35.94 2.02 -2.85
BABYLON__69_KV_BK2 356345	34.40 2.06 -6.34	34.94 1.94 -7.33	35.03 2.24 -2.77	34.42 1.92 -6.63	33.89 1.98 -5.36	32.61 2.05 0.00	78.79 4.40 0.00	40.85 3.48 0.00	78.58 6.77 -0.73	53.08 3.15 -17.68	94.68 7.20 0.00	51.54 3.85 0.00	81.46 4.52 -29.20	48.81 4.03 -1.43	42.31 3.57 -2.80	58.89 2.91 -29.17	86.35 3.28 -54.70	313.86 11.17 -213.59	285.07 4.40 -245.35	280.09 3.97 -241.99	121.00 2.88 -91.65	36.40 2.81 -5.60	36.82 2.62 -4.39	36.26 2.34 -2.85
BALL_HILL_WT_PWR 323825	24.35 -1.64 0.00	24.26 -1.41 0.00	28.18 -1.84 0.00	24.37 -1.50 0.00	25.04 -1.52 0.00	29.15 -1.40 0.00	70.87 -3.52 0.00	36.23 -1.15 0.00	68.22 -2.85 0.00	30.77 -1.47 0.00	81.12 -5.59 0.77	44.44 -3.25 0.00	44.16 -3.58 0.00	40.45 -2.90 0.00	33.97 -1.97 0.00	25.23 -1.58 0.00	28.06 -1.32 -1.02	85.45 -3.66 0.00	33.97 -1.34 0.00	33.11 -1.03 0.00	25.39 -1.09 0.00	26.88 -1.12 0.00	28.87 -0.94 0.00	30.30 -0.77 0.00
BARON_WINDS___WT_PWR 323822	24.28 -1.72 0.00	24.19 -1.48 0.00	28.30 -1.72 0.00	24.62 -1.24 0.00	25.35 -1.21 0.00	29.29 -1.27 0.00	71.07 -3.33 0.00	36.41 -0.96 0.00	69.04 -2.03 0.00	31.30 -0.94 0.00	83.61 -3.68 0.19	45.10 -2.59 0.00	44.82 -2.92 0.00	41.08 -2.26 0.00	34.77 -1.17 0.00	25.90 -0.90 0.00	28.97 -0.57 -1.18	87.87 -1.24 0.00	34.63 -0.69 0.00	33.54 -0.60 0.00	25.74 -0.74 0.00	27.31 -0.68 0.00	29.30 -0.51 0.00	30.55 -0.53 0.00
BARRETT_IC_1 23704	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_10 23701	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_11 23702	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_12 23703	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_2 23705	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_3 23706	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_4 23707	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_5 23708	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_6 23709	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85

BARRETT_IC_7 23710	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.10 0.00	40.23 2.86 0.00	77.22 5.41 -0.73	52.56 2.64 -17.68	92.89 5.40 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.99 3.21 -1.43	41.63 2.89 -2.80	58.34 2.36 -29.17	85.70 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.10 -4.39	35.73 1.81 -2.85
BARRETT_IC_8 23711	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT_IC_9 23700	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT___1 23545	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BARRETT___2 23546	34.03 1.70 -6.34	34.60 1.61 -7.33	34.62 1.83 -2.77	34.10 1.61 -6.63	33.55 1.63 -5.36	32.22 1.67 0.00	77.50 3.11 0.00	40.23 2.86 0.00	77.24 5.43 -0.73	52.56 2.64 -17.68	92.87 5.39 0.00	50.70 3.01 0.00	80.55 3.61 -29.20	47.98 3.21 -1.43	41.63 2.89 -2.80	58.33 2.36 -29.17	85.71 2.64 -54.70	311.63 8.94 -213.59	284.23 3.57 -245.35	279.48 3.36 -241.99	120.53 2.41 -91.65	35.89 2.31 -5.60	36.30 2.09 -4.39	35.73 1.81 -2.85
BATAVIA___115KV_TB1 55881	24.77 -1.23 0.00	24.61 -1.06 0.00	28.52 -1.49 0.00	24.61 -1.25 0.00	25.22 -1.34 0.00	29.43 -1.12 0.00	71.68 -2.71 0.00	36.47 -0.91 0.00	68.68 -2.40 0.00	30.83 -1.41 0.00	80.65 -5.84 0.99	44.32 -3.37 0.00	44.22 -3.51 0.00	40.69 -2.65 0.00	34.38 -1.56 0.00	25.55 -1.26 0.00	28.25 -1.05 -0.94	85.99 -3.12 0.00	34.16 -1.16 0.00	33.16 -0.97 0.00	25.47 -1.01 0.00	26.90 -1.08 0.00	28.86 -0.95 0.00	30.34 -0.73 0.00
BAYONEEC___CTG1 323682	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG10 323750	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG2 323683	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG3 323684	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG4 323685	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG5 323686	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG6 323687	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG7 323688	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BAYONEEC___CTG8 323689	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00

BAYONEEC___CTG9 323749	27.41 1.41 0.00	26.96 1.29 0.00	31.48 1.46 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.95 1.40 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.81 0.00	34.59 2.35 0.00	92.98 5.50 0.00	50.71 3.02 0.00	51.09 3.35 0.00	46.19 2.85 0.00	38.55 2.60 0.00	28.98 2.18 0.00	34.41 2.54 -3.51	97.73 8.63 0.00	38.78 3.47 0.00	37.22 3.08 0.00	28.66 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.51 1.44 0.00
BEACON___LESR 323632	26.83 0.84 0.00	26.47 0.80 0.00	30.87 0.86 0.00	26.57 0.71 0.00	27.34 0.78 0.00	31.38 0.82 0.00	76.59 2.19 0.00	38.85 1.48 0.00	73.86 2.78 0.00	33.49 1.25 0.00	90.52 3.04 0.00	49.32 1.63 0.00	49.48 1.74 0.00	44.81 1.47 0.00	37.25 1.31 0.00	27.94 1.13 0.00	34.17 1.46 -4.35	93.73 4.63 0.00	37.13 1.81 0.00	35.89 1.75 0.00	27.69 1.22 0.00	29.07 1.08 0.00	30.64 0.83 0.00	31.65 0.58 0.00
BEAVER RIVER___HYD 24048	25.03 -0.97 0.00	25.12 -0.55 0.00	29.69 -0.33 0.00	25.31 -0.55 0.00	25.96 -0.60 0.00	30.33 -0.22 0.00	74.05 -0.35 0.00	36.99 -0.38 0.00	70.67 -0.40 0.00	31.82 -0.42 0.00	86.13 -1.34 0.00	46.44 -1.25 0.00	45.84 -1.90 0.00	41.58 -1.76 0.00	34.50 -1.44 0.00	25.95 -0.86 0.00	28.32 -0.31 -0.26	89.33 0.22 0.00	35.24 -0.07 0.00	34.12 -0.02 0.00	26.25 -0.22 0.00	27.68 -0.31 0.00	29.53 -0.28 0.00	31.14 0.07 0.00
BEEBEE_GT_13 23619	24.83 -1.17 0.00	24.64 -1.03 0.00	28.59 -1.42 0.00	24.65 -1.22 0.00	25.28 -1.28 0.00	29.41 -1.15 0.00	71.61 -2.79 0.00	36.38 -1.00 0.00	68.66 -2.42 0.00	30.92 -1.32 0.00	81.18 -5.15 1.15	44.78 -2.91 0.00	44.63 -3.10 0.00	40.92 -2.42 0.00	34.42 -1.52 0.00	25.58 -1.23 0.00	28.19 -1.07 -0.88	86.00 -3.11 0.00	34.11 -1.21 0.00	33.09 -1.05 0.00	25.44 -1.04 0.00	26.87 -1.11 0.00	28.76 -1.05 0.00	30.21 -0.86 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.61 1.62 0.00	27.16 1.49 0.00	31.71 1.69 0.00	27.33 1.47 0.00	28.09 1.53 0.00	32.17 1.62 0.00	78.26 3.86 0.00	40.33 2.95 0.00	76.39 5.32 0.00	34.90 2.66 0.00	93.64 6.16 0.00	51.12 3.43 0.00	51.45 3.71 0.00	46.55 3.21 0.00	38.92 2.98 0.00	29.28 2.48 0.00	34.69 2.82 -3.51	98.53 9.42 0.00	39.12 3.80 0.00	37.58 3.44 0.00	28.93 2.45 0.00	30.30 2.31 0.00	31.90 2.09 0.00	32.83 1.76 0.00
BETHLEHEM___GRP 23843	26.30 0.31 0.00	25.94 0.27 0.00	30.29 0.27 0.00	26.10 0.23 0.00	26.84 0.28 0.00	30.77 0.22 0.00	75.08 0.68 0.00	38.08 0.70 0.00	72.34 1.26 0.00	32.80 0.56 0.00	88.67 1.19 0.00	48.31 0.62 0.00	48.48 0.74 0.00	44.01 0.67 0.00	36.51 0.57 0.00	27.42 0.62 0.00	33.52 0.80 -4.35	91.64 2.54 0.00	36.28 0.96 0.00	35.04 0.90 0.00	27.10 0.62 0.00	28.50 0.52 0.00	30.06 0.25 0.00	31.09 0.03 0.00
BETHLEHEM___GS1 323560	26.30 0.31 0.00	25.94 0.27 0.00	30.29 0.27 0.00	26.10 0.23 0.00	26.84 0.28 0.00	30.77 0.22 0.00	75.09 0.69 0.00	38.08 0.70 0.00	72.34 1.26 0.00	32.80 0.56 0.00	88.67 1.19 0.00	48.31 0.62 0.00	48.48 0.74 0.00	44.01 0.67 0.00	36.51 0.57 0.00	27.42 0.62 0.00	33.52 0.80 -4.35	91.64 2.53 0.00	36.28 0.96 0.00	35.04 0.90 0.00	27.10 0.62 0.00	28.50 0.51 0.00	30.06 0.25 0.00	31.09 0.03 0.00
BETHLEHEM___GS2 323561	26.30 0.31 0.00	25.94 0.27 0.00	30.29 0.27 0.00	26.10 0.23 0.00	26.84 0.28 0.00	30.77 0.22 0.00	75.09 0.69 0.00	38.08 0.70 0.00	72.34 1.26 0.00	32.80 0.56 0.00	88.67 1.19 0.00	48.31 0.62 0.00	48.48 0.74 0.00	44.01 0.67 0.00	36.51 0.57 0.00	27.42 0.62 0.00	33.52 0.80 -4.35	91.64 2.53 0.00	36.28 0.96 0.00	35.04 0.90 0.00	27.10 0.62 0.00	28.50 0.51 0.00	30.06 0.25 0.00	31.09 0.03 0.00
BETHLEHEM___GS3 323562	26.30 0.31 0.00	25.94 0.27 0.00	30.29 0.27 0.00	26.10 0.23 0.00	26.84 0.28 0.00	30.77 0.22 0.00	75.09 0.69 0.00	38.08 0.70 0.00	72.34 1.26 0.00	32.80 0.56 0.00	88.67 1.19 0.00	48.31 0.62 0.00	48.48 0.74 0.00	44.01 0.67 0.00	36.51 0.57 0.00	27.42 0.62 0.00	33.52 0.80 -4.35	91.64 2.53 0.00	36.28 0.96 0.00	35.04 0.90 0.00	27.10 0.62 0.00	28.50 0.51 0.00	30.06 0.25 0.00	31.09 0.03 0.00
BETHLEHEM___STEEL 23779	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.98 -1.58 0.00	70.39 -4.01 0.00	35.89 -1.48 0.00	67.64 -3.44 0.00	30.47 -1.78 0.00	79.90 -6.78 0.80	43.83 -3.86 0.00	43.59 -4.15 0.00	40.04 -3.30 0.00	33.80 -2.14 0.00	25.09 -1.71 0.00	27.83 -1.54 -1.00	84.65 -4.46 0.00	33.63 -1.69 0.00	32.72 -1.41 0.00	25.13 -1.35 0.00	26.60 -1.39 0.00	28.58 -1.22 0.00	30.06 -1.01 0.00
BETHLHEM_115KV_TB1 79974	26.38 0.38 0.00	26.01 0.34 0.00	30.38 0.36 0.00	26.17 0.31 0.00	26.92 0.35 0.00	30.86 0.31 0.00	75.28 0.88 0.00	38.19 0.81 0.00	72.51 1.44 0.00	32.90 0.66 0.00	88.93 1.46 0.00	48.44 0.75 0.00	48.62 0.88 0.00	44.14 0.80 0.00	36.62 0.68 0.00	27.50 0.70 0.00	33.60 0.88 -4.35	91.91 2.81 0.00	36.39 1.08 0.00	35.15 1.01 0.00	27.17 0.70 0.00	28.59 0.60 0.00	30.16 0.35 0.00	31.20 0.13 0.00
BETHPAGE_CC_5 323564	34.14 1.80 -6.34	34.68 1.69 -7.33	34.71 1.92 -2.77	34.16 1.67 -6.63	33.63 1.71 -5.36	32.31 1.75 0.00	78.03 3.63 0.00	40.39 3.02 0.00	77.55 5.74 -0.73	52.66 2.74 -17.68	93.63 6.15 0.00	51.03 3.34 0.00	80.85 3.91 -29.20	48.26 3.49 -1.43	41.83 3.09 -2.80	58.50 2.52 -29.17	85.91 2.84 -54.70	312.35 9.65 -213.59	284.51 3.84 -245.35	279.66 3.54 -241.99	120.63 2.51 -91.65	36.00 2.41 -5.60	36.40 2.20 -4.39	35.83 1.91 -2.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.43 -1.57 0.00	24.30 -1.37 0.00	28.19 -1.83 0.00	24.36 -1.50 0.00	24.98 -1.58 0.00	29.11 -1.44 0.00	70.76 -3.64 0.00	36.08 -1.29 0.00	68.02 -3.05 0.00	30.63 -1.61 0.00	80.40 -6.29 0.79	44.07 -3.62 0.00	43.83 -3.91 0.00	40.28 -3.07 0.00	34.00 -1.94 0.00	25.23 -1.58 0.00	27.96 -1.41 -1.01	85.10 -4.00 0.00	33.81 -1.51 0.00	32.90 -1.24 0.00	25.26 -1.22 0.00	26.74 -1.25 0.00	28.74 -1.08 0.00	30.19 -0.88 0.00
BINGHAMTON___COGEN 23790	25.87 -0.13 0.00	25.60 -0.07 0.00	29.88 -0.13 0.00	25.81 -0.05 0.00	26.52 -0.04 0.00	30.53 -0.03 0.00	74.29 -0.10 0.00	37.75 0.38 0.00	71.60 0.52 0.00	32.45 0.21 0.00	87.63 0.15 0.00	47.66 -0.03 0.00	47.57 -0.17 0.00	43.20 -0.14 0.00	36.03 0.09 0.00	26.91 0.10 0.00	30.21 0.36 -1.48	90.59 1.49 0.00	35.91 0.59 0.00	34.69 0.55 0.00	26.70 0.22 0.00	28.15 0.17 0.00	29.97 0.16 0.00	31.18 0.11 0.00
BIXINCNT_115KV_LOAD 355685	24.47 -1.52 0.00	24.30 -1.37 0.00	28.24 -1.78 0.00	24.66 -1.20 0.00	25.39 -1.18 0.00	29.59 -0.96 0.00	72.15 -2.24 0.00	36.93 -0.45 0.00	69.45 -1.63 0.00	31.28 -0.96 0.00	82.22 -4.52 0.75	44.61 -3.08 0.00	44.63 -3.11 0.00	41.24 -2.10 0.00	34.72 -1.22 0.00	25.57 -1.23 0.00	27.96 -1.43 -1.03	86.41 -2.69 0.00	34.44 -0.88 0.00	33.63 -0.51 0.00	25.85 -0.63 0.00	27.41 -0.58 0.00	29.43 -0.38 0.00	30.86 -0.21 0.00

BLACK RIVER___HYD 24047	24.88 -1.12 0.00	25.03 -0.63 0.00	29.50 -0.52 0.00	25.16 -0.70 0.00	25.81 -0.76 0.00	30.21 -0.35 0.00	73.51 -0.89 0.00	36.96 -0.41 0.00	70.37 -0.70 0.00	31.50 -0.75 0.00	84.81 -2.67 0.00	45.53 -2.16 0.00	45.04 -2.70 0.00	40.95 -2.39 0.00	34.24 -1.70 0.00	25.83 -0.97 0.00	28.80 -0.01 -0.45	89.65 0.54 0.00	35.39 0.07 0.00	34.17 0.03 0.00	26.21 -0.26 0.00	27.65 -0.34 0.00	29.39 -0.41 0.00	31.22 0.15 0.00
BLACKRVR_115KV_TB2 79977	24.88 -1.12 0.00	25.03 -0.63 0.00	29.50 -0.52 0.00	25.16 -0.70 0.00	25.80 -0.76 0.00	30.21 -0.35 0.00	73.50 -0.89 0.00	36.96 -0.41 0.00	70.37 -0.71 0.00	31.50 -0.75 0.00	84.81 -2.67 0.00	45.53 -2.16 0.00	45.04 -2.70 0.00	40.95 -2.39 0.00	34.24 -1.70 0.00	25.83 -0.97 0.00	28.80 -0.01 -0.45	89.65 0.54 0.00	35.39 0.07 0.00	34.17 0.03 0.00	26.21 -0.26 0.00	27.65 -0.34 0.00	29.39 -0.42 0.00	31.22 0.15 0.00
BLISS_WT_PWR 323608	24.29 -1.70 0.00	24.12 -1.55 0.00	28.04 -1.98 0.00	24.56 -1.31 0.00	25.30 -1.25 0.00	29.52 -1.04 0.00	72.04 -2.36 0.00	36.90 -0.48 0.00	69.27 -1.81 0.00	31.23 -1.01 0.00	82.09 -4.64 0.75	44.40 -3.29 0.00	44.51 -3.23 0.00	41.22 -2.12 0.00	34.70 -1.24 0.00	25.51 -1.29 0.00	27.78 -1.62 -1.03	86.11 -3.00 0.00	34.34 -0.98 0.00	33.60 -0.54 0.00	25.84 -0.63 0.00	27.44 -0.55 0.00	29.44 -0.38 0.00	30.87 -0.20 0.00
BLUESTONE___WT_PWR 323821	25.86 -0.14 0.00	25.51 -0.16 0.00	29.97 -0.04 0.00	26.08 0.22 0.00	27.09 0.53 0.00	31.49 0.93 0.00	77.09 2.69 0.00	39.25 1.88 0.00	74.23 3.15 0.00	33.59 1.35 0.00	91.30 3.82 0.00	49.64 1.95 0.00	49.46 1.72 0.00	44.87 1.53 0.00	37.01 1.07 0.00	27.99 1.18 0.00	31.52 1.63 -1.52	95.26 6.15 0.00	37.75 2.44 0.00	36.34 2.20 0.00	27.79 1.32 0.00	29.34 1.35 0.00	31.01 1.20 0.00	31.69 0.62 0.00
BLUE_CIRC_CHEM_DRP 24182	26.58 0.59 0.00	26.21 0.54 0.00	30.63 0.62 0.00	26.39 0.53 0.00	27.13 0.57 0.00	31.11 0.55 0.00	75.84 1.44 0.00	38.49 1.11 0.00	73.08 2.01 0.00	33.16 0.92 0.00	89.59 2.11 0.00	48.81 1.12 0.00	48.99 1.25 0.00	44.46 1.12 0.00	36.91 0.97 0.00	27.70 0.90 0.00	33.80 1.10 -4.33	92.63 3.52 0.00	36.69 1.37 0.00	35.43 1.29 0.00	27.39 0.92 0.00	28.82 0.83 0.00	30.43 0.61 0.00	31.49 0.42 0.00
BOC_GAS_DRP 24189	26.55 0.55 0.00	26.18 0.51 0.00	30.59 0.57 0.00	26.36 0.49 0.00	27.10 0.54 0.00	31.06 0.51 0.00	75.73 1.33 0.00	38.43 1.06 0.00	72.99 1.92 0.00	33.11 0.87 0.00	89.49 2.01 0.00	48.75 1.06 0.00	48.92 1.18 0.00	44.41 1.07 0.00	36.87 0.93 0.00	27.67 0.86 0.00	33.75 1.05 -4.34	92.49 3.38 0.00	36.65 1.34 0.00	35.39 1.25 0.00	27.35 0.87 0.00	28.78 0.79 0.00	30.40 0.59 0.00	31.46 0.39 0.00
BOONVILLE_115KV_TB1 79983	25.91 -0.08 0.00	25.79 0.12 0.00	30.29 0.28 0.00	25.98 0.11 0.00	26.69 0.12 0.00	30.95 0.39 0.00	75.55 1.15 0.00	37.97 0.59 0.00	72.33 1.26 0.00	32.71 0.46 0.00	88.50 1.01 0.00	47.91 0.22 0.00	47.57 -0.16 0.00	43.19 -0.15 0.00	35.92 -0.02 0.00	26.89 0.08 0.00	29.04 0.44 -0.24	91.25 2.15 0.00	36.07 0.75 0.00	34.88 0.74 0.00	26.89 0.42 0.00	28.32 0.33 0.00	30.15 0.33 0.00	31.55 0.48 0.00
BORALEX_4TH_BRANCH 23824	27.17 1.18 0.00	26.90 1.23 0.00	31.30 1.29 0.00	26.97 1.10 0.00	27.74 1.18 0.00	31.80 1.25 0.00	77.60 3.20 0.00	39.44 2.06 0.00	74.83 3.75 0.00	33.83 1.59 0.00	91.33 3.85 0.00	49.78 2.10 0.00	49.99 2.25 0.00	45.40 2.05 0.00	37.59 1.65 0.00	28.30 1.50 0.00	34.39 1.66 -4.36	94.03 4.93 0.00	37.09 1.78 0.00	36.00 1.86 0.00	27.98 1.51 0.00	29.44 1.45 0.00	31.03 1.22 0.00	32.05 0.98 0.00
BOWLINE___1 23526	27.13 1.14 0.00	26.71 1.04 0.00	31.22 1.20 0.00	26.91 1.04 0.00	27.65 1.09 0.00	31.69 1.14 0.00	77.18 2.78 0.00	39.55 2.18 0.00	74.94 3.86 0.00	34.12 1.88 0.00	91.93 4.45 0.00	50.20 2.51 0.00	50.48 2.74 0.00	45.71 2.37 0.00	38.09 2.15 0.00	28.59 1.79 0.00	33.87 2.12 -3.39	96.36 7.26 0.00	38.21 2.90 0.00	36.75 2.62 0.00	28.28 1.81 0.00	29.67 1.68 0.00	31.26 1.45 0.00	32.26 1.18 0.00
BOWLINE___2 23595	27.13 1.14 0.00	26.71 1.04 0.00	31.22 1.20 0.00	26.91 1.04 0.00	27.65 1.09 0.00	31.69 1.14 0.00	77.18 2.79 0.00	39.55 2.18 0.00	74.94 3.86 0.00	34.12 1.88 0.00	91.93 4.45 0.00	50.20 2.51 0.00	50.48 2.74 0.00	45.71 2.37 0.00	38.09 2.15 0.00	28.59 1.79 0.00	33.87 2.12 -3.39	96.36 7.26 0.00	38.21 2.90 0.00	36.75 2.62 0.00	28.28 1.81 0.00	29.67 1.68 0.00	31.26 1.45 0.00	32.26 1.18 0.00
BRADY___115KV_TB2 356060	26.40 0.40 0.00	26.08 0.41 0.00	30.56 0.55 0.00	26.30 0.44 0.00	26.97 0.40 0.00	31.16 0.60 0.00	76.10 1.70 0.00	37.72 0.34 0.00	71.80 0.72 0.00	32.57 0.32 0.00	89.09 1.61 0.00	48.68 0.99 0.00	48.59 0.85 0.00	44.03 0.69 0.00	36.34 0.41 0.00	27.05 0.25 0.00	28.44 0.08 0.00	89.32 0.22 0.00	35.36 0.04 0.00	34.26 0.12 0.00	26.68 0.21 0.00	28.41 0.42 0.00	30.46 0.65 0.00	31.76 0.69 0.00
BRANSCOMB___SOLAR 323811	27.11 1.11 0.00	26.72 1.05 0.00	31.15 1.13 0.00	26.83 0.97 0.00	27.66 1.09 0.00	31.86 1.30 0.00	77.62 3.22 0.00	39.39 2.02 0.00	74.83 3.75 0.00	33.85 1.61 0.00	91.50 4.02 0.00	49.83 2.14 0.00	50.04 2.30 0.00	45.30 1.96 0.00	37.50 1.56 0.00	28.19 1.39 0.00	34.47 1.63 -4.48	94.00 4.90 0.00	37.26 1.94 0.00	36.04 1.90 0.00	27.87 1.40 0.00	29.27 1.29 0.00	30.98 1.17 0.00	32.05 0.98 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.28 1.95 -6.34	34.83 1.83 -7.33	34.89 2.10 -2.77	34.30 1.81 -6.63	33.77 1.85 -5.36	32.44 1.89 0.00	78.31 3.91 0.00	40.62 3.25 0.00	78.18 6.37 -0.73	52.87 2.95 -17.68	94.08 6.59 0.00	51.22 3.53 0.00	81.14 4.20 -29.20	48.47 3.70 -1.43	42.04 3.30 -2.80	58.70 2.73 -29.17	86.16 3.09 -54.70	313.29 10.60 -213.59	284.80 4.14 -245.35	279.78 3.66 -241.99	120.80 2.68 -91.65	36.21 2.63 -5.60	36.65 2.45 -4.39	36.11 2.19 -2.85
BRISTLHL_115KV_TB1 79998	25.43 -0.57 0.00	25.13 -0.54 0.00	29.36 -0.65 0.00	25.31 -0.56 0.00	26.00 -0.57 0.00	29.93 -0.63 0.00	72.75 -1.64 0.00	36.67 -0.70 0.00	69.70 -1.37 0.00	31.59 -0.65 0.00	85.39 -2.09 0.00	46.43 -1.26 0.00	46.44 -1.30 0.00	42.25 -1.09 0.00	35.10 -0.84 0.00	26.13 -0.67 0.00	28.43 -0.57 -0.63	87.32 -1.78 0.00	34.61 -0.71 0.00	33.43 -0.71 0.00	25.86 -0.62 0.00	27.28 -0.71 0.00	29.09 -0.72 0.00	30.49 -0.58 0.00
BROOKHAVEN___DRP 24191	33.86 1.52 -6.34	34.37 1.37 -7.33	34.37 1.58 -2.77	33.86 1.36 -6.63	33.34 1.42 -5.36	31.99 1.43 0.00	77.49 3.09 0.00	40.27 2.90 0.00	77.60 5.79 -0.73	52.63 2.71 -17.68	92.73 5.24 0.00	50.11 2.42 0.00	80.82 3.89 -29.20	48.29 3.51 -1.43	41.87 3.13 -2.80	58.45 2.48 -29.17	41.82 2.77 -10.68	313.26 10.57 -213.59	284.86 4.20 -245.35	279.84 3.72 -241.99	120.78 2.66 -91.65	36.22 2.64 -5.60	36.63 2.43 -4.39	36.07 2.15 -2.85

BROOKLYN_NAVY_YARD 23515	27.34 1.35 0.00	26.90 1.23 0.00	31.40 1.38 0.00	27.06 1.20 0.00	27.81 1.25 0.00	31.87 1.32 0.00	77.59 3.19 0.00	39.95 2.58 0.00	75.81 4.74 0.00	34.57 2.32 0.00	92.98 5.50 0.00	50.70 3.01 0.00	51.05 3.32 0.00	46.17 2.82 0.00	38.53 2.59 0.00	28.98 2.17 0.00	34.39 2.52 -3.51	97.75 8.64 0.00	38.77 3.45 0.00	37.20 3.06 0.00	28.63 2.15 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.48 1.41 0.00
BROOKLYN___ARMY_DRP 323595	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
BROOKVLE_69_KV_TB1 55790	34.22 1.88 -6.34	34.77 1.77 -7.33	34.80 2.01 -2.77	34.24 1.75 -6.63	33.72 1.80 -5.36	32.45 1.89 0.00	78.53 4.13 0.00	40.61 3.24 0.00	77.92 6.11 -0.73	52.85 2.93 -17.68	94.20 6.72 0.00	51.37 3.68 0.00	81.12 4.18 -29.20	48.51 3.73 -1.43	42.02 3.29 -2.80	58.65 2.67 -29.17	86.08 3.01 -54.70	312.84 10.14 -213.59	284.71 4.04 -245.35	279.86 3.73 -241.99	120.79 2.67 -91.65	36.15 2.56 -5.60	36.56 2.35 -4.39	35.97 2.06 -2.85
BROOME_2_LFGE 323671	25.87 -0.13 0.00	25.60 -0.07 0.00	29.88 -0.13 0.00	25.81 -0.05 0.00	26.52 -0.04 0.00	30.53 -0.03 0.00	74.29 -0.10 0.00	37.75 0.38 0.00	71.60 0.52 0.00	32.45 0.21 0.00	87.64 0.16 0.00	47.66 -0.03 0.00	47.57 -0.17 0.00	43.20 -0.14 0.00	36.03 0.09 0.00	26.91 0.10 0.00	30.21 0.36 -1.48	90.59 1.49 0.00	35.91 0.59 0.00	34.69 0.55 0.00	26.70 0.22 0.00	28.16 0.17 0.00	29.97 0.16 0.00	31.18 0.11 0.00
BROOME___LFGE 323600	25.87 -0.13 0.00	25.60 -0.07 0.00	29.88 -0.13 0.00	25.81 -0.05 0.00	26.52 -0.04 0.00	30.53 -0.03 0.00	74.29 -0.10 0.00	37.75 0.38 0.00	71.60 0.52 0.00	32.45 0.21 0.00	87.64 0.16 0.00	47.66 -0.03 0.00	47.57 -0.17 0.00	43.20 -0.14 0.00	36.03 0.09 0.00	26.91 0.10 0.00	30.21 0.36 -1.48	90.59 1.49 0.00	35.91 0.59 0.00	34.69 0.55 0.00	26.70 0.22 0.00	28.16 0.17 0.00	29.97 0.16 0.00	31.18 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	25.39 -0.61 0.00	25.31 -0.36 0.00	29.82 -0.19 0.00	25.53 -0.34 0.00	26.17 -0.39 0.00	30.43 -0.12 0.00	74.30 -0.10 0.00	36.97 -0.40 0.00	70.55 -0.53 0.00	31.87 -0.38 0.00	86.68 -0.80 0.00	47.02 -0.66 0.00	46.64 -1.10 0.00	42.30 -1.05 0.00	34.94 -1.00 0.00	26.13 -0.67 0.00	28.11 -0.44 -0.18	88.41 -0.70 0.00	34.92 -0.40 0.00	33.83 -0.30 0.00	26.17 -0.31 0.00	27.74 -0.25 0.00	29.70 -0.11 0.00	31.17 0.10 0.00
BROWNSV1_27_KV_LOAD 356125	27.64 1.64 0.00	27.18 1.51 0.00	31.73 1.71 0.00	27.34 1.48 0.00	28.10 1.54 0.00	32.21 1.65 0.00	78.41 4.02 0.00	40.38 3.01 0.00	76.62 5.54 0.00	34.95 2.71 0.00	93.93 6.45 0.00	51.23 3.54 0.00	51.61 3.87 0.00	46.68 3.34 0.00	38.94 3.00 0.00	29.28 2.47 0.00	34.73 2.86 -3.51	98.75 9.64 0.00	39.17 3.86 0.00	37.60 3.46 0.00	28.94 2.46 0.00	30.31 2.33 0.00	31.90 2.09 0.00	32.82 1.75 0.00
BURROWS___LYONSDAL 23803	25.63 -0.37 0.00	25.59 -0.08 0.00	30.12 0.10 0.00	25.78 -0.09 0.00	26.47 -0.09 0.00	30.78 0.22 0.00	75.15 0.75 0.00	37.69 0.31 0.00	71.91 0.83 0.00	32.48 0.23 0.00	87.83 0.34 0.00	47.49 -0.20 0.00	47.02 -0.72 0.00	42.67 -0.66 0.00	35.48 -0.46 0.00	26.59 -0.21 0.00	28.82 0.22 -0.24	90.80 1.70 0.00	35.87 0.55 0.00	34.70 0.57 0.00	26.73 0.26 0.00	28.15 0.16 0.00	29.96 0.15 0.00	31.44 0.37 0.00
CAITHNESS_CC_1 323624	33.79 1.45 -6.34	34.29 1.30 -7.33	34.28 1.49 -2.77	33.78 1.29 -6.63	33.27 1.35 -5.36	31.90 1.34 0.00	77.29 2.90 0.00	40.16 2.79 0.00	77.43 5.62 -0.73	52.55 2.63 -17.68	92.48 5.00 0.00	49.99 2.30 0.00	80.70 3.76 -29.20	48.17 3.39 -1.43	41.76 3.02 -2.80	58.37 2.40 -29.17	41.74 2.69 -10.68	312.98 10.28 -213.60	284.74 4.07 -245.35	279.74 3.61 -241.99	120.70 2.58 -91.65	36.12 2.54 -5.60	36.54 2.34 -4.39	35.98 2.06 -2.85
CALPINE BETH_PAGE_GT4 24209	34.09 1.76 -6.34	34.63 1.64 -7.33	34.65 1.86 -2.77	34.11 1.62 -6.63	33.57 1.66 -5.36	32.25 1.69 0.00	77.77 3.37 0.00	40.25 2.88 0.00	77.26 5.45 -0.73	52.55 2.62 -17.68	93.33 5.85 0.00	50.87 3.18 0.00	80.67 3.74 -29.20	48.11 3.34 -1.43	41.70 2.97 -2.80	58.40 2.43 -29.17	85.80 2.73 -54.70	311.97 9.27 -213.59	284.36 3.70 -245.35	279.52 3.40 -241.99	120.54 2.42 -91.65	35.89 2.31 -5.60	36.29 2.09 -4.39	35.71 1.79 -2.85
CALPINE_BETH_PAGE_GT_4 323586	34.09 1.76 -6.34	34.64 1.64 -7.33	34.65 1.86 -2.77	34.11 1.62 -6.63	33.57 1.66 -5.36	32.25 1.69 0.00	77.78 3.39 0.00	40.25 2.88 0.00	77.26 5.45 -0.73	52.55 2.62 -17.68	93.31 5.83 0.00	50.88 3.19 0.00	80.67 3.74 -29.20	48.11 3.34 -1.43	41.70 2.97 -2.80	58.40 2.43 -29.17	85.80 2.73 -54.70	311.97 9.27 -213.59	284.37 3.70 -245.35	279.52 3.40 -241.99	120.54 2.42 -91.65	35.89 2.30 -5.60	36.29 2.08 -4.39	35.71 1.79 -2.85
CALPINE_BP_GT1 23823	34.09 1.76 -6.34	34.64 1.64 -7.33	34.65 1.86 -2.77	34.11 1.62 -6.63	33.57 1.66 -5.36	32.25 1.69 0.00	77.78 3.39 0.00	40.25 2.88 0.00	77.26 5.45 -0.73	52.55 2.62 -17.68	93.31 5.83 0.00	50.88 3.19 0.00	80.67 3.74 -29.20	48.11 3.34 -1.43	41.70 2.97 -2.80	58.40 2.43 -29.17	85.80 2.73 -54.70	311.97 9.27 -213.59	284.37 3.70 -245.35	279.52 3.40 -241.99	120.54 2.42 -91.65	35.89 2.30 -5.60	36.29 2.08 -4.39	35.71 1.79 -2.85
CALSPAN___DRP 24200	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.98 -1.58 0.00	70.39 -4.01 0.00	35.89 -1.48 0.00	67.64 -3.44 0.00	30.47 -1.78 0.00	79.90 -6.78 0.80	43.83 -3.86 0.00	43.59 -4.15 0.00	40.04 -3.30 0.00	33.80 -2.14 0.00	25.09 -1.71 0.00	27.83 -1.54 -1.00	84.65 -4.46 0.00	33.63 -1.69 0.00	32.72 -1.41 0.00	25.13 -1.35 0.00	26.60 -1.39 0.00	28.58 -1.22 0.00	30.06 -1.01 0.00
CALVERTON___SOLAR 323806	33.94 1.61 -6.34	34.45 1.45 -7.33	34.46 1.67 -2.77	33.94 1.45 -6.63	33.42 1.51 -5.36	32.08 1.53 0.00	77.75 3.35 0.00	40.40 3.03 0.00	77.90 6.09 -0.73	52.75 2.83 -17.68	93.02 5.54 0.00	50.28 2.59 0.00	80.98 4.05 -29.20	48.44 3.66 -1.43	41.99 3.25 -2.80	58.55 2.58 -29.17	42.67 2.88 -11.42	313.64 10.94 -213.60	285.02 4.35 -245.35	279.97 3.85 -241.99	120.88 2.76 -91.65	36.33 2.75 -5.60	36.75 2.54 -4.39	36.18 2.26 -2.85
CANDIGU_WT_PWR 323617	24.28 -1.72 0.00	24.19 -1.48 0.00	28.30 -1.72 0.00	24.62 -1.24 0.00	25.35 -1.21 0.00	29.29 -1.27 0.00	71.07 -3.33 0.00	36.41 -0.96 0.00	69.04 -2.03 0.00	31.30 -0.94 0.00	83.61 -3.68 0.19	45.10 -2.59 0.00	44.82 -2.92 0.00	41.08 -2.26 0.00	34.77 -1.17 0.00	25.90 -0.90 0.00	28.97 -0.57 -1.18	87.87 -1.24 0.00	34.63 -0.69 0.00	33.54 -0.60 0.00	25.74 -0.74 0.00	27.31 -0.68 0.00	29.30 -0.51 0.00	30.55 -0.53 0.00

CARR STREET_E__SYR 24060	25.59 -0.40 0.00	25.31 -0.36 0.00	29.55 -0.46 0.00	25.48 -0.38 0.00	26.18 -0.38 0.00	30.14 -0.42 0.00	73.31 -1.09 0.00	37.00 -0.38 0.00	70.28 -0.79 0.00	31.88 -0.37 0.00	86.11 -1.37 0.00	46.82 -0.87 0.00	46.82 -0.92 0.00	42.58 -0.76 0.00	35.42 -0.52 0.00	26.36 -0.45 0.00	28.65 -0.40 -0.68	87.59 -1.51 0.00	34.71 -0.60 0.00	33.60 -0.54 0.00	26.01 -0.46 0.00	27.51 -0.48 0.00	29.31 -0.50 0.00	30.70 -0.37 0.00
CARTHAGE__PAPER 23857	25.15 -0.85 0.00	25.27 -0.40 0.00	29.82 -0.20 0.00	25.43 -0.43 0.00	26.09 -0.47 0.00	30.51 -0.04 0.00	74.41 0.02 0.00	37.24 -0.13 0.00	71.04 -0.03 0.00	31.90 -0.35 0.00	86.22 -1.26 0.00	46.36 -1.33 0.00	45.83 -1.91 0.00	41.63 -1.72 0.00	34.62 -1.32 0.00	26.11 -0.70 0.00	28.78 0.04 -0.38	90.14 1.04 0.00	35.56 0.24 0.00	34.40 0.26 0.00	26.44 -0.04 0.00	27.89 -0.10 0.00	29.70 -0.11 0.00	31.41 0.34 0.00
CASSADAGA_WT_PWR 323784	24.32 -1.68 0.00	24.31 -1.36 0.00	28.28 -1.74 0.00	24.53 -1.33 0.00	25.38 -1.18 0.00	29.58 -0.97 0.00	72.22 -2.18 0.00	37.23 -0.14 0.00	70.05 -1.03 0.00	31.62 -0.63 0.00	83.67 -3.07 0.75	45.59 -2.10 0.00	45.43 -2.30 0.00	41.48 -1.86 0.00	34.21 -1.73 0.00	25.43 -1.37 0.00	28.45 -0.95 -1.03	86.88 -2.22 0.00	34.68 -0.63 0.00	34.04 -0.10 0.00	26.13 -0.34 0.00	27.59 -0.40 0.00	29.66 -0.15 0.00	31.13 0.06 0.00
CE_DUNWOOD__DRP 24194	27.29 1.29 0.00	26.86 1.18 0.00	31.37 1.35 0.00	27.04 1.17 0.00	27.78 1.22 0.00	31.84 1.29 0.00	77.53 3.13 0.00	39.80 2.43 0.00	75.46 4.39 0.00	34.38 2.13 0.00	92.52 5.04 0.00	50.47 2.78 0.00	50.81 3.07 0.00	45.99 2.65 0.00	38.33 2.39 0.00	28.80 1.99 0.00	34.19 2.33 -3.50	96.99 7.89 0.00	38.47 3.15 0.00	36.99 2.85 0.00	28.47 1.99 0.00	29.86 1.87 0.00	31.44 1.63 0.00	32.41 1.34 0.00
CE_MILLWOOD__DRP 24193	27.24 1.24 0.00	26.81 1.14 0.00	31.31 1.29 0.00	26.99 1.13 0.00	27.74 1.17 0.00	31.79 1.24 0.00	77.40 3.00 0.00	39.72 2.34 0.00	75.31 4.23 0.00	34.29 2.05 0.00	92.31 4.83 0.00	50.38 2.69 0.00	50.68 2.95 0.00	45.90 2.55 0.00	38.24 2.31 0.00	28.73 1.92 0.00	34.11 2.26 -3.48	96.76 7.66 0.00	38.38 3.06 0.00	36.90 2.76 0.00	28.40 1.93 0.00	29.79 1.81 0.00	31.38 1.57 0.00	32.36 1.28 0.00
CE_NYC2_DRP 24202	27.40 1.40 0.00	26.95 1.28 0.00	31.46 1.44 0.00	27.13 1.27 0.00	27.88 1.31 0.00	31.95 1.39 0.00	77.76 3.36 0.00	40.04 2.67 0.00	75.94 4.86 0.00	34.65 2.41 0.00	93.08 5.60 0.00	50.78 3.09 0.00	51.13 3.39 0.00	46.26 2.92 0.00	38.62 2.68 0.00	29.03 2.23 0.00	34.43 2.56 -3.51	97.82 8.71 0.00	38.78 3.47 0.00	37.24 3.10 0.00	28.66 2.19 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
CE_NYC_DRP 24195	27.44 1.45 0.00	26.99 1.32 0.00	31.51 1.50 0.00	27.16 1.30 0.00	27.91 1.35 0.00	31.99 1.43 0.00	77.85 3.45 0.00	40.08 2.71 0.00	76.03 4.95 0.00	34.66 2.42 0.00	93.19 5.71 0.00	50.83 3.13 0.00	51.20 3.46 0.00	46.29 2.95 0.00	38.62 2.68 0.00	29.04 2.24 0.00	34.46 2.59 -3.51	97.93 8.83 0.00	38.85 3.53 0.00	37.28 3.14 0.00	28.69 2.21 0.00	30.06 2.07 0.00	31.63 1.82 0.00	32.55 1.47 0.00
CHAFFEE__LFGE 323603	24.42 -1.58 0.00	24.28 -1.39 0.00	28.17 -1.85 0.00	24.33 -1.54 0.00	24.93 -1.63 0.00	29.05 -1.50 0.00	70.63 -3.77 0.00	36.03 -1.35 0.00	67.85 -3.22 0.00	30.62 -1.63 0.00	80.44 -6.27 0.77	44.07 -3.62 0.00	43.77 -3.97 0.00	40.21 -3.13 0.00	33.95 -1.99 0.00	25.22 -1.58 0.00	27.97 -1.41 -1.02	85.17 -3.93 0.00	33.82 -1.50 0.00	32.89 -1.25 0.00	25.26 -1.22 0.00	26.73 -1.26 0.00	28.68 -1.13 0.00	30.10 -0.97 0.00
CHATEAUG_35_KV_LOAD 355732	25.57 -0.43 0.00	25.23 -0.43 0.00	29.81 -0.21 0.00	25.59 -0.28 0.00	26.12 -0.44 0.00	30.12 -0.43 0.00	73.78 -0.62 0.00	36.35 -1.03 0.00	68.74 -2.33 0.00	31.26 -0.98 0.00	86.04 -1.44 0.00	47.27 -0.42 0.00	47.39 -0.35 0.00	43.16 -0.18 0.00	35.40 -0.54 0.00	26.58 -0.22 0.00	27.92 -0.45 0.00	87.65 -1.45 0.00	34.87 -0.45 0.00	33.99 -0.15 0.00	26.38 -0.10 0.00	27.84 -0.16 0.00	30.07 0.26 0.00	31.31 0.24 0.00
CHATEAUG_WT_PWR 323614	25.46 -0.54 0.00	25.13 -0.54 0.00	29.73 -0.29 0.00	25.52 -0.35 0.00	26.05 -0.51 0.00	30.04 -0.52 0.00	73.58 -0.82 0.00	36.24 -1.14 0.00	68.47 -2.61 0.00	31.11 -1.13 0.00	85.74 -1.74 0.00	47.09 -0.60 0.00	47.24 -0.50 0.00	43.03 -0.31 0.00	35.27 -0.67 0.00	26.51 -0.30 0.00	27.84 -0.52 0.00	87.48 -1.62 0.00	34.80 -0.52 0.00	33.92 -0.22 0.00	26.30 -0.18 0.00	27.73 -0.25 0.00	29.96 0.15 0.00	31.21 0.14 0.00
CHAT_HIGH_FALL_HYD 323578	25.57 -0.43 0.00	25.23 -0.43 0.00	29.81 -0.21 0.00	25.59 -0.28 0.00	26.12 -0.44 0.00	30.12 -0.43 0.00	73.78 -0.62 0.00	36.35 -1.02 0.00	68.77 -2.31 0.00	31.26 -0.98 0.00	86.03 -1.45 0.00	47.27 -0.42 0.00	47.39 -0.35 0.00	43.16 -0.18 0.00	35.40 -0.54 0.00	26.58 -0.22 0.00	27.92 -0.45 0.00	87.65 -1.45 0.00	34.87 -0.45 0.00	33.99 -0.15 0.00	26.38 -0.10 0.00	27.83 -0.15 0.00	30.07 0.26 0.00	31.31 0.24 0.00
CHAUTAUQUA__LFGE 323629	24.39 -1.61 0.00	24.32 -1.35 0.00	28.25 -1.76 0.00	24.45 -1.42 0.00	25.16 -1.40 0.00	29.31 -1.24 0.00	71.39 -3.01 0.00	36.56 -0.81 0.00	68.90 -2.17 0.00	31.08 -1.17 0.00	81.99 -4.73 0.76	44.88 -2.81 0.00	44.59 -3.15 0.00	40.83 -2.51 0.00	34.14 -1.80 0.00	25.38 -1.43 0.00	28.28 -1.11 -1.02	86.16 -2.94 0.00	34.29 -1.02 0.00	33.46 -0.68 0.00	25.66 -0.81 0.00	27.12 -0.87 0.00	29.15 -0.66 0.00	30.59 -0.48 0.00
CHERRYST_13_KV_LD 356241	27.51 1.51 0.00	27.05 1.38 0.00	31.58 1.56 0.00	27.23 1.37 0.00	27.98 1.42 0.00	32.07 1.52 0.00	78.04 3.64 0.00	40.19 2.82 0.00	76.25 5.18 0.00	34.76 2.52 0.00	93.46 5.98 0.00	50.98 3.29 0.00	51.35 3.61 0.00	46.43 3.09 0.00	38.74 2.80 0.00	29.13 2.33 0.00	34.56 2.69 -3.51	98.24 9.13 0.00	38.96 3.65 0.00	37.38 3.25 0.00	28.76 2.29 0.00	30.13 2.14 0.00	31.71 1.90 0.00	32.63 1.56 0.00
CHESTROR_138KV_BK263 355645	26.98 0.98 0.00	26.57 0.90 0.00	31.05 1.03 0.00	26.76 0.90 0.00	27.50 0.94 0.00	31.54 0.98 0.00	76.85 2.45 0.00	39.29 1.91 0.00	74.46 3.38 0.00	33.89 1.65 0.00	91.35 3.87 0.00	49.86 2.18 0.00	50.10 2.36 0.00	45.41 2.06 0.00	37.80 1.86 0.00	28.37 1.56 0.00	33.46 1.86 -3.23	95.43 6.32 0.00	37.85 2.53 0.00	36.43 2.29 0.00	28.06 1.58 0.00	29.46 1.47 0.00	31.08 1.27 0.00	32.10 1.03 0.00
CH_MIDHUDSON__DRP 24192	27.27 1.28 0.00	26.85 1.17 0.00	31.34 1.33 0.00	27.01 1.15 0.00	27.76 1.20 0.00	31.84 1.28 0.00	77.62 3.22 0.00	39.76 2.38 0.00	75.38 4.31 0.00	34.29 2.04 0.00	92.37 4.89 0.00	50.41 2.72 0.00	50.67 2.93 0.00	45.93 2.59 0.00	38.22 2.28 0.00	28.70 1.90 0.00	34.19 2.26 -3.57	96.60 7.49 0.00	38.30 2.98 0.00	36.87 2.73 0.00	28.40 1.92 0.00	29.79 1.81 0.00	31.39 1.58 0.00	32.38 1.30 0.00

CH_MISC_IPPS 23765	27.38 1.38 0.00	26.95 1.28 0.00	31.47 1.46 0.00	27.12 1.26 0.00	27.88 1.31 0.00	31.98 1.43 0.00	77.99 3.59 0.00	39.94 2.57 0.00	75.74 4.66 0.00	34.47 2.22 0.00	92.88 5.40 0.00	50.68 2.99 0.00	50.93 3.19 0.00	46.15 2.81 0.00	38.41 2.47 0.00	28.84 2.04 0.00	34.28 2.41 -3.50	97.15 8.05 0.00	38.52 3.21 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.95 1.96 0.00	31.54 1.73 0.00	32.53 1.46 0.00
CH_RES_BVR_FALLS 23983	25.44 -0.56 0.00	25.29 -0.38 0.00	29.72 -0.30 0.00	25.58 -0.28 0.00	26.24 -0.32 0.00	30.38 -0.17 0.00	74.09 -0.31 0.00	36.89 -0.48 0.00	70.22 -0.86 0.00	31.87 -0.38 0.00	86.98 -0.51 0.00	47.25 -0.44 0.00	46.95 -0.79 0.00	42.35 -1.00 0.00	34.96 -0.97 0.00	26.22 -0.58 0.00	27.79 -0.58 0.00	87.55 -1.55 0.00	34.86 -0.46 0.00	33.70 -0.44 0.00	26.20 -0.27 0.00	27.75 -0.24 0.00	29.66 -0.15 0.00	30.97 -0.11 0.00
CH_RES_NIAGARA 23895	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.59 0.00	27.96 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.20 -6.87 0.00	28.97 -3.27 0.00	75.51 -11.07 0.90	41.57 -6.12 0.00	41.28 -6.45 0.00	37.97 -5.38 0.00	32.17 -3.77 0.00	23.93 -2.88 0.00	26.51 -2.83 -0.97	80.14 -8.97 0.00	31.87 -3.44 0.00	31.03 -3.10 0.00	23.88 -2.60 0.00	25.30 -2.69 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
CH_RES_SYRACUSE 23985	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -0.70 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.61 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.31 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.17 0.00
CLINTON_WT_PWR 323605	25.46 -0.54 0.00	25.13 -0.54 0.00	29.73 -0.29 0.00	25.52 -0.35 0.00	26.05 -0.51 0.00	30.04 -0.52 0.00	73.58 -0.82 0.00	36.24 -1.14 0.00	68.47 -2.61 0.00	31.11 -1.13 0.00	85.74 -1.74 0.00	47.09 -0.60 0.00	47.24 -0.50 0.00	43.03 -0.31 0.00	35.27 -0.67 0.00	26.51 -0.30 0.00	27.84 -0.52 0.00	87.48 -1.62 0.00	34.80 -0.52 0.00	33.92 -0.22 0.00	26.30 -0.18 0.00	27.73 -0.25 0.00	29.96 0.15 0.00	31.21 0.14 0.00
CLINTON__LFGE 323618	25.77 -0.23 0.00	25.39 -0.28 0.00	30.04 0.02 0.00	25.83 -0.03 0.00	26.40 -0.17 0.00	30.43 -0.12 0.00	74.61 0.21 0.00	36.84 -0.53 0.00	69.70 -1.37 0.00	31.65 -0.60 0.00	87.16 -0.33 0.00	47.80 0.11 0.00	47.93 0.19 0.00	43.64 0.30 0.00	35.80 -0.14 0.00	26.93 0.12 0.00	28.29 -0.08 0.00	88.96 -0.15 0.00	35.41 0.10 0.00	34.52 0.39 0.00	26.74 0.26 0.00	28.16 0.17 0.00	30.37 0.56 0.00	31.63 0.56 0.00
COBBLENY_34_KV_TB1 80064	24.42 -1.58 0.00	24.28 -1.39 0.00	28.17 -1.85 0.00	24.33 -1.54 0.00	24.93 -1.63 0.00	29.05 -1.50 0.00	70.62 -3.78 0.00	36.02 -1.35 0.00	67.95 -3.12 0.00	30.61 -1.63 0.00	80.35 -6.36 0.77	44.07 -3.63 0.00	43.76 -3.98 0.00	40.21 -3.13 0.00	33.94 -1.99 0.00	25.21 -1.60 0.00	27.97 -1.41 -1.02	85.18 -3.93 0.00	33.83 -1.49 0.00	32.88 -1.26 0.00	25.25 -1.23 0.00	26.70 -1.29 0.00	28.68 -1.13 0.00	30.10 -0.97 0.00
COFFEEN__115KV_TB3 355620	25.05 -0.95 0.00	25.19 -0.48 0.00	29.65 -0.37 0.00	25.31 -0.56 0.00	25.96 -0.60 0.00	30.39 -0.17 0.00	73.97 -0.43 0.00	37.23 -0.15 0.00	70.87 -0.21 0.00	31.69 -0.56 0.00	85.19 -2.29 0.00	45.73 -1.96 0.00	45.24 -2.50 0.00	41.18 -2.16 0.00	34.49 -1.45 0.00	26.03 -0.78 0.00	29.00 0.18 -0.46	90.29 1.19 0.00	35.64 0.32 0.00	34.41 0.27 0.00	26.40 -0.08 0.00	27.83 -0.16 0.00	29.59 -0.23 0.00	31.38 0.31 0.00
COLDSPRG_115KV_BK1 355956	25.37 -0.63 0.00	25.27 -0.40 0.00	29.37 -0.65 0.00	25.41 -0.46 0.00	26.18 -0.39 0.00	30.44 -0.12 0.00	74.13 -0.27 0.00	38.09 0.72 0.00	71.79 0.71 0.00	32.36 0.12 0.00	85.66 -1.09 0.73	46.78 -0.91 0.00	46.55 -1.19 0.00	42.48 -0.86 0.00	35.47 -0.47 0.00	26.35 -0.45 0.00	29.33 -0.08 -1.04	89.66 0.55 0.00	35.66 0.34 0.00	34.76 0.63 0.00	26.63 0.15 0.00	28.12 0.13 0.00	30.16 0.35 0.00	31.57 0.49 0.00
COLONIE_LFGE__ 323577	26.84 0.84 0.00	26.48 0.81 0.00	30.89 0.87 0.00	26.61 0.75 0.00	27.39 0.82 0.00	31.43 0.88 0.00	76.69 2.29 0.00	38.91 1.53 0.00	73.91 2.83 0.00	33.46 1.22 0.00	90.43 2.95 0.00	49.27 1.58 0.00	49.45 1.72 0.00	44.88 1.54 0.00	37.20 1.26 0.00	27.96 1.16 0.00	34.16 1.37 -4.42	93.26 4.16 0.00	36.92 1.61 0.00	35.70 1.57 0.00	27.63 1.16 0.00	29.06 1.07 0.00	30.68 0.87 0.00	31.74 0.67 0.00
COOPERNY_115KV_TB1 80082	26.68 0.68 0.00	26.29 0.63 0.00	30.74 0.73 0.00	26.50 0.63 0.00	27.23 0.67 0.00	31.24 0.68 0.00	76.09 1.69 0.00	38.79 1.41 0.00	73.53 2.46 0.00	33.44 1.20 0.00	90.27 2.79 0.00	49.23 1.54 0.00	49.42 1.68 0.00	44.80 1.46 0.00	37.29 1.35 0.00	27.94 1.14 0.00	32.29 1.39 -2.53	93.84 4.74 0.00	37.22 1.91 0.00	35.87 1.73 0.00	27.64 1.17 0.00	29.07 1.08 0.00	30.72 0.91 0.00	31.80 0.73 0.00
COPENHAGEN_WT_PWR 323753	24.59 -1.41 0.00	24.83 -0.84 0.00	29.28 -0.74 0.00	24.94 -0.92 0.00	25.56 -1.00 0.00	29.96 -0.60 0.00	72.79 -1.61 0.00	36.62 -0.76 0.00	69.69 -1.39 0.00	31.18 -1.06 0.00	84.03 -3.45 0.00	45.07 -2.62 0.00	44.58 -3.16 0.00	40.50 -2.84 0.00	33.84 -2.10 0.00	25.53 -1.27 0.00	28.63 -0.20 -0.47	88.92 -0.18 0.00	35.12 -0.20 0.00	33.90 -0.24 0.00	25.99 -0.49 0.00	27.41 -0.58 0.00	29.15 -0.66 0.00	31.07 0.00 0.00
CORNELL____ 23752	26.17 0.17 0.00	25.88 0.21 0.00	30.21 0.20 0.00	26.11 0.24 0.00	26.83 0.27 0.00	30.95 0.40 0.00	75.46 1.06 0.00	38.24 0.87 0.00	72.52 1.44 0.00	32.87 0.62 0.00	88.95 1.33 -0.14	48.24 0.55 0.00	48.06 0.32 0.00	43.62 0.28 0.00	36.50 0.56 0.00	27.28 0.47 0.00	30.23 0.72 -1.15	91.64 2.54 0.00	36.34 1.02 0.00	35.08 0.94 0.00	27.03 0.55 0.00	28.50 0.51 0.00	30.31 0.50 0.00	31.58 0.50 0.00
CORONAAV_69_KV_TB1 355595	34.20 1.87 -6.34	34.76 1.76 -7.33	34.80 2.01 -2.77	34.24 1.75 -6.63	33.70 1.78 -5.36	32.42 1.87 0.00	78.30 3.90 0.00	40.54 3.17 0.00	77.84 6.03 -0.73	52.82 2.90 -17.68	93.84 6.36 0.00	51.17 3.48 0.00	80.94 4.01 -29.20	48.34 3.57 -1.43	41.93 3.19 -2.80	58.56 2.59 -29.17	85.99 2.92 -54.70	312.58 9.88 -213.59	284.60 3.93 -245.35	279.78 3.66 -241.99	120.74 2.62 -91.65	36.11 2.53 -5.60	36.55 2.35 -4.39	35.98 2.06 -2.85
CORTLAND_115KV_TB3 80093	26.04 0.04 0.00	25.76 0.09 0.00	30.08 0.06 0.00	25.96 0.10 0.00	26.68 0.11 0.00	30.74 0.19 0.00	74.89 0.49 0.00	37.92 0.55 0.00	71.97 0.89 0.00	32.63 0.39 0.00	88.13 0.65 0.00	47.89 0.20 0.00	47.79 0.05 0.00	43.38 0.04 0.00	36.22 0.28 0.00	27.04 0.24 0.00	29.80 0.46 -0.97	90.76 1.66 0.00	35.97 0.65 0.00	34.73 0.59 0.00	26.78 0.30 0.00	28.23 0.24 0.00	30.05 0.24 0.00	31.33 0.27 0.00

COXSACKIE___GT 23611	27.82 1.83 0.00	27.45 1.78 0.00	32.04 2.02 0.00	27.59 1.73 0.00	28.43 1.87 0.00	32.71 2.15 0.00	79.97 5.57 0.00	40.65 3.27 0.00	77.22 6.14 0.00	34.92 2.68 0.00	94.38 6.90 0.00	51.19 3.50 0.00	51.27 3.53 0.00	46.60 3.26 0.00	38.65 2.71 0.00	28.69 1.89 0.00	35.16 2.71 -4.08	98.15 9.04 0.00	38.88 3.57 0.00	37.53 3.39 0.00	29.00 2.53 0.00	30.42 2.43 0.00	32.01 2.19 0.00	33.07 2.00 0.00
CPV_VALLEY___CC1 323721	26.77 0.78 0.00	26.37 0.71 0.00	30.82 0.81 0.00	26.57 0.71 0.00	27.30 0.74 0.00	31.31 0.75 0.00	76.26 1.87 0.00	38.97 1.59 0.00	73.88 2.80 0.00	33.61 1.37 0.00	90.61 3.13 0.00	49.46 1.77 0.00	49.71 1.97 0.00	45.02 1.68 0.00	37.49 1.55 0.00	28.12 1.32 0.00	32.94 1.60 -2.98	94.57 5.46 0.00	37.51 2.20 0.00	36.12 1.98 0.00	27.81 1.34 0.00	29.21 1.22 0.00	30.82 1.01 0.00	31.85 0.78 0.00
CPV_VALLEY___CC2 323722	26.77 0.78 0.00	26.37 0.71 0.00	30.82 0.81 0.00	26.57 0.71 0.00	27.30 0.74 0.00	31.31 0.75 0.00	76.26 1.87 0.00	38.97 1.59 0.00	73.88 2.80 0.00	33.61 1.37 0.00	90.61 3.13 0.00	49.46 1.77 0.00	49.71 1.97 0.00	45.02 1.68 0.00	37.49 1.55 0.00	28.12 1.32 0.00	32.94 1.60 -2.98	94.57 5.46 0.00	37.51 2.20 0.00	36.12 1.98 0.00	27.81 1.34 0.00	29.21 1.22 0.00	30.82 1.01 0.00	31.85 0.78 0.00
CRESCENT___HYD 24018	26.84 0.84 0.00	26.48 0.81 0.00	30.89 0.87 0.00	26.61 0.75 0.00	27.39 0.82 0.00	31.43 0.88 0.00	76.69 2.29 0.00	38.91 1.53 0.00	73.91 2.83 0.00	33.46 1.22 0.00	90.43 2.95 0.00	49.27 1.58 0.00	49.45 1.72 0.00	44.88 1.54 0.00	37.20 1.26 0.00	27.96 1.16 0.00	34.16 1.37 -4.42	93.26 4.16 0.00	36.92 1.61 0.00	35.70 1.57 0.00	27.63 1.16 0.00	29.06 1.07 0.00	30.68 0.87 0.00	31.74 0.67 0.00
CRICKET___VALLEY_CC1 323756	27.12 1.13 0.00	26.69 1.02 0.00	31.11 1.09 0.00	26.81 0.94 0.00	27.54 0.98 0.00	31.61 1.05 0.00	77.16 2.77 0.00	39.51 2.13 0.00	74.82 3.74 0.00	34.00 1.75 0.00	91.58 4.10 0.00	50.01 2.32 0.00	50.25 2.51 0.00	45.55 2.21 0.00	37.88 1.94 0.00	28.48 1.68 0.00	34.14 2.07 -3.70	95.69 6.58 0.00	37.92 2.60 0.00	36.54 2.40 0.00	28.17 1.70 0.00	29.56 1.57 0.00	31.12 1.31 0.00	32.09 1.02 0.00
CRICKET___VALLEY_CC2 323757	27.12 1.13 0.00	26.69 1.02 0.00	31.11 1.09 0.00	26.81 0.94 0.00	27.54 0.98 0.00	31.61 1.05 0.00	77.16 2.77 0.00	39.51 2.13 0.00	74.82 3.74 0.00	34.00 1.75 0.00	91.58 4.10 0.00	50.01 2.32 0.00	50.25 2.51 0.00	45.55 2.21 0.00	37.88 1.94 0.00	28.48 1.68 0.00	34.14 2.07 -3.70	95.69 6.58 0.00	37.92 2.60 0.00	36.54 2.40 0.00	28.17 1.70 0.00	29.56 1.57 0.00	31.12 1.31 0.00	32.09 1.02 0.00
CRICKET___VALLEY_CC3 323758	27.12 1.13 0.00	26.69 1.02 0.00	31.11 1.09 0.00	26.81 0.94 0.00	27.54 0.98 0.00	31.61 1.05 0.00	77.16 2.77 0.00	39.51 2.13 0.00	74.82 3.74 0.00	34.00 1.75 0.00	91.58 4.10 0.00	50.01 2.32 0.00	50.25 2.51 0.00	45.55 2.21 0.00	37.88 1.94 0.00	28.48 1.68 0.00	34.14 2.07 -3.70	95.69 6.58 0.00	37.92 2.60 0.00	36.54 2.40 0.00	28.17 1.70 0.00	29.56 1.57 0.00	31.12 1.31 0.00	32.09 1.02 0.00
CRUCIBLE_METL_DRP 24180	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -0.70 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.60 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.30 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.18 0.00
DAHOWA___HYDRO 323763	27.18 1.18 0.00	26.77 1.11 0.00	31.20 1.18 0.00	26.88 1.02 0.00	27.73 1.17 0.00	31.97 1.41 0.00	77.89 3.49 0.00	39.53 2.15 0.00	75.09 4.02 0.00	33.95 1.71 0.00	91.78 4.30 0.00	49.98 2.29 0.00	50.22 2.48 0.00	45.41 2.07 0.00	37.57 1.63 0.00	28.25 1.45 0.00	34.56 1.70 -4.49	94.18 5.08 0.00	37.33 2.01 0.00	36.12 1.98 0.00	27.93 1.46 0.00	29.32 1.33 0.00	31.06 1.24 0.00	32.11 1.04 0.00
DANC___LFGE 323619	24.93 -1.07 0.00	24.95 -0.72 0.00	29.31 -0.70 0.00	25.09 -0.77 0.00	25.74 -0.82 0.00	29.96 -0.60 0.00	72.81 -1.59 0.00	36.63 -0.75 0.00	69.69 -1.39 0.00	31.33 -0.91 0.00	84.53 -2.95 0.00	45.58 -2.11 0.00	45.27 -2.47 0.00	41.14 -2.20 0.00	34.32 -1.62 0.00	25.73 -1.07 0.00	28.52 -0.38 -0.53	88.21 -0.89 0.00	34.89 -0.43 0.00	33.68 -0.45 0.00	25.91 -0.56 0.00	27.36 -0.63 0.00	29.13 -0.68 0.00	30.84 -0.23 0.00
DANSKAMMER___1 23586	27.38 1.38 0.00	26.95 1.28 0.00	31.47 1.46 0.00	27.12 1.26 0.00	27.88 1.31 0.00	31.98 1.43 0.00	77.99 3.59 0.00	39.94 2.57 0.00	75.74 4.66 0.00	34.47 2.22 0.00	92.88 5.40 0.00	50.68 2.99 0.00	50.93 3.19 0.00	46.15 2.81 0.00	38.41 2.47 0.00	28.84 2.04 0.00	34.28 2.41 -3.50	97.15 8.05 0.00	38.52 3.21 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.95 1.96 0.00	31.54 1.73 0.00	32.53 1.46 0.00
DANSKAMMER___2 23589	27.38 1.38 0.00	26.95 1.28 0.00	31.47 1.46 0.00	27.12 1.26 0.00	27.88 1.31 0.00	31.98 1.43 0.00	77.99 3.59 0.00	39.94 2.57 0.00	75.74 4.66 0.00	34.47 2.22 0.00	92.88 5.40 0.00	50.68 2.99 0.00	50.93 3.19 0.00	46.15 2.81 0.00	38.41 2.47 0.00	28.84 2.04 0.00	34.28 2.41 -3.50	97.15 8.05 0.00	38.52 3.21 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.95 1.96 0.00	31.54 1.73 0.00	32.53 1.46 0.00
DANSKAMMER___3 23590	27.38 1.38 0.00	26.95 1.28 0.00	31.47 1.46 0.00	27.12 1.26 0.00	27.88 1.31 0.00	31.98 1.43 0.00	77.99 3.59 0.00	39.94 2.57 0.00	75.74 4.66 0.00	34.47 2.22 0.00	92.88 5.40 0.00	50.68 2.99 0.00	50.93 3.19 0.00	46.15 2.81 0.00	38.41 2.47 0.00	28.84 2.04 0.00	34.28 2.41 -3.50	97.15 8.05 0.00	38.52 3.21 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.95 1.96 0.00	31.54 1.73 0.00	32.53 1.46 0.00
DANSKAMMER___4 23591	27.38 1.38 0.00	26.95 1.28 0.00	31.47 1.46 0.00	27.12 1.26 0.00	27.88 1.31 0.00	31.98 1.43 0.00	77.99 3.59 0.00	39.94 2.57 0.00	75.74 4.66 0.00	34.47 2.22 0.00	92.88 5.40 0.00	50.68 2.99 0.00	50.93 3.19 0.00	46.15 2.81 0.00	38.41 2.47 0.00	28.84 2.04 0.00	34.28 2.41 -3.50	97.15 8.05 0.00	38.52 3.21 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.95 1.96 0.00	31.54 1.73 0.00	32.53 1.46 0.00
DANSKAMMER___DIESEL 23592	27.38 1.38 0.00	26.95 1.28 0.00	31.47 1.45 0.00	27.12 1.26 0.00	27.88 1.31 0.00	31.98 1.43 0.00	77.99 3.59 0.00	39.94 2.57 0.00	75.74 4.66 0.00	34.47 2.22 0.00	92.88 5.41 0.00	50.68 2.99 0.00	50.93 3.19 0.00	46.15 2.81 0.00	38.41 2.47 0.00	28.84 2.04 0.00	34.28 2.41 -3.50	97.15 8.05 0.00	38.52 3.20 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.95 1.96 0.00	31.54 1.73 0.00	32.54 1.47 0.00

DARBY___SOLAR 323810	27.11 1.11 0.00	26.72 1.05 0.00	31.14 1.12 0.00	26.83 0.97 0.00	27.66 1.10 0.00	31.86 1.31 0.00	77.66 3.26 0.00	39.40 2.02 0.00	74.83 3.75 0.00	33.84 1.59 0.00	91.49 4.01 0.00	49.83 2.14 0.00	50.05 2.31 0.00	45.28 1.94 0.00	37.47 1.53 0.00	28.18 1.38 0.00	34.47 1.63 -4.48	93.97 4.87 0.00	37.24 1.93 0.00	36.04 1.90 0.00	27.86 1.39 0.00	29.26 1.27 0.00	30.98 1.17 0.00	32.05 0.97 0.00
DASHVILLE___HYD 23610	27.24 1.24 0.00	26.80 1.14 0.00	31.32 1.30 0.00	26.99 1.12 0.00	27.73 1.16 0.00	31.78 1.22 0.00	77.48 3.08 0.00	39.71 2.33 0.00	75.30 4.22 0.00	34.27 2.03 0.00	92.29 4.81 0.00	50.36 2.67 0.00	50.63 2.89 0.00	45.89 2.55 0.00	38.21 2.27 0.00	28.63 1.83 0.00	34.12 2.15 -3.60	96.36 7.26 0.00	38.23 2.92 0.00	36.77 2.63 0.00	28.31 1.83 0.00	29.70 1.71 0.00	31.28 1.47 0.00	32.26 1.19 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.44 2.11 -6.34	34.93 1.93 -7.33	35.04 2.25 -2.77	34.44 1.95 -6.63	33.95 2.04 -5.36	32.71 2.16 0.00	79.31 4.92 0.00	41.23 3.86 0.00	79.50 7.69 -0.73	53.51 3.58 -17.68	95.02 7.54 0.00	51.33 3.64 0.00	82.08 5.15 -29.20	49.47 4.69 -1.43	42.84 4.10 -2.80	59.20 3.22 -29.17	42.22 3.59 -10.26	315.89 13.20 -213.59	285.93 5.27 -245.35	280.86 4.73 -241.99	121.53 3.41 -91.65	36.99 3.41 -5.60	37.42 3.22 -4.39	36.84 2.92 -2.85
DELAWARE___LFGE 323621	26.50 0.51 0.00	26.15 0.48 0.00	30.61 0.60 0.00	26.39 0.53 0.00	27.13 0.57 0.00	31.17 0.62 0.00	75.99 1.59 0.00	38.59 1.22 0.00	73.27 2.20 0.00	33.24 1.00 0.00	89.80 2.32 0.00	48.90 1.21 0.00	48.97 1.23 0.00	44.46 1.12 0.00	36.93 0.99 0.00	27.67 0.86 0.00	31.21 1.10 -1.74	92.92 3.81 0.00	36.88 1.56 0.00	35.57 1.43 0.00	27.42 0.94 0.00	28.87 0.88 0.00	30.59 0.78 0.00	31.75 0.68 0.00
DERFIELD_115KV_TB7 355931	26.05 0.05 0.00	25.72 0.04 0.00	30.07 0.05 0.00	25.91 0.04 0.00	26.62 0.05 0.00	30.62 0.06 0.00	74.59 0.19 0.00	37.56 0.18 0.00	71.41 0.34 0.00	32.37 0.13 0.00	87.76 0.28 0.00	47.79 0.10 0.00	47.83 0.09 0.00	43.39 0.05 0.00	36.01 0.07 0.00	26.89 0.09 0.00	28.63 0.17 -0.09	89.72 0.62 0.00	35.56 0.25 0.00	34.35 0.21 0.00	26.61 0.13 0.00	28.08 0.09 0.00	29.87 0.06 0.00	31.10 0.03 0.00
DOGLEVILLE___HYD 23807	26.51 0.51 0.00	26.06 0.39 0.00	30.28 0.26 0.00	26.14 0.28 0.00	26.98 0.42 0.00	30.98 0.42 0.00	75.76 1.37 0.00	38.76 1.38 0.00	73.03 1.95 0.00	32.95 0.70 0.00	88.98 1.50 0.00	48.37 0.68 0.00	48.51 0.77 0.00	43.80 0.45 0.00	36.66 0.72 0.00	27.57 0.77 0.00	29.67 1.21 -0.09	93.55 4.45 0.00	36.90 1.58 0.00	35.55 1.42 0.00	27.51 1.03 0.00	28.79 0.81 0.00	30.52 0.71 0.00	31.36 0.29 0.00
DUNKIRK___115KV_TB_200 55889	24.41 -1.59 0.00	24.33 -1.34 0.00	28.25 -1.76 0.00	24.45 -1.42 0.00	25.14 -1.42 0.00	29.28 -1.28 0.00	71.29 -3.11 0.00	36.48 -0.89 0.00	68.83 -2.24 0.00	31.00 -1.24 0.00	81.69 -5.03 0.76	44.77 -2.92 0.00	44.49 -3.24 0.00	40.76 -2.59 0.00	34.13 -1.81 0.00	25.35 -1.45 0.00	28.26 -1.13 -1.02	86.04 -3.06 0.00	34.25 -1.07 0.00	33.38 -0.75 0.00	25.59 -0.89 0.00	27.05 -0.94 0.00	29.08 -0.73 0.00	30.51 -0.56 0.00
DUNKIRK___1 23563	24.41 -1.59 0.00	24.33 -1.34 0.00	28.25 -1.76 0.00	24.45 -1.42 0.00	25.14 -1.42 0.00	29.28 -1.28 0.00	71.29 -3.11 0.00	36.48 -0.89 0.00	68.83 -2.24 0.00	31.00 -1.24 0.00	81.69 -5.03 0.76	44.77 -2.92 0.00	44.49 -3.24 0.00	40.76 -2.59 0.00	34.13 -1.81 0.00	25.35 -1.45 0.00	28.26 -1.13 -1.02	86.04 -3.06 0.00	34.25 -1.07 0.00	33.38 -0.75 0.00	25.59 -0.89 0.00	27.05 -0.94 0.00	29.08 -0.73 0.00	30.51 -0.56 0.00
DUNKIRK___2 23564	24.41 -1.59 0.00	24.33 -1.34 0.00	28.25 -1.76 0.00	24.45 -1.42 0.00	25.14 -1.42 0.00	29.28 -1.28 0.00	71.29 -3.11 0.00	36.48 -0.89 0.00	68.83 -2.24 0.00	31.00 -1.24 0.00	81.69 -5.03 0.76	44.77 -2.92 0.00	44.49 -3.24 0.00	40.76 -2.59 0.00	34.13 -1.81 0.00	25.35 -1.45 0.00	28.26 -1.13 -1.02	86.04 -3.06 0.00	34.25 -1.07 0.00	33.38 -0.75 0.00	25.59 -0.89 0.00	27.05 -0.94 0.00	29.08 -0.73 0.00	30.51 -0.56 0.00
DUNKIRK___3 23565	24.47 -1.53 0.00	24.38 -1.29 0.00	28.32 -1.70 0.00	24.50 -1.37 0.00	25.18 -1.39 0.00	29.29 -1.26 0.00	71.24 -3.16 0.00	36.44 -0.93 0.00	68.69 -2.38 0.00	30.95 -1.29 0.00	81.65 -5.08 0.76	44.76 -2.93 0.00	44.47 -3.27 0.00	40.69 -2.65 0.00	34.15 -1.79 0.00	25.35 -1.45 0.00	28.23 -1.16 -1.02	86.03 -3.07 0.00	34.22 -1.10 0.00	33.33 -0.81 0.00	25.54 -0.94 0.00	27.00 -0.99 0.00	29.03 -0.79 0.00	30.44 -0.63 0.00
DUNKIRK___4 23566	24.40 -1.60 0.00	24.31 -1.36 0.00	28.23 -1.79 0.00	24.41 -1.45 0.00	25.08 -1.48 0.00	29.21 -1.34 0.00	71.07 -3.33 0.00	36.34 -1.04 0.00	68.51 -2.57 0.00	30.86 -1.38 0.00	81.20 -5.50 0.78	44.51 -3.18 0.00	44.24 -3.49 0.00	40.56 -2.79 0.00	34.05 -1.89 0.00	25.29 -1.52 0.00	28.13 -1.25 -1.01	85.68 -3.43 0.00	34.08 -1.24 0.00	33.21 -0.93 0.00	25.47 -1.01 0.00	26.92 -1.06 0.00	28.95 -0.87 0.00	30.40 -0.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.34 1.35 0.00	26.90 1.23 0.00	31.41 1.40 0.00	27.08 1.21 0.00	27.82 1.25 0.00	31.89 1.33 0.00	77.62 3.22 0.00	39.87 2.50 0.00	75.62 4.54 0.00	34.45 2.21 0.00	92.73 5.25 0.00	50.58 2.90 0.00	50.92 3.18 0.00	46.09 2.75 0.00	38.42 2.48 0.00	28.87 2.07 0.00	34.27 2.41 -3.51	97.24 8.14 0.00	38.57 3.25 0.00	37.08 2.94 0.00	28.53 2.06 0.00	29.92 1.93 0.00	31.52 1.71 0.00	32.49 1.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.15 1.16 0.00	26.74 1.07 0.00	31.24 1.22 0.00	26.92 1.06 0.00	27.67 1.10 0.00	31.73 1.17 0.00	77.33 2.93 0.00	39.57 2.20 0.00	75.02 3.94 0.00	34.16 1.91 0.00	92.07 4.59 0.00	50.22 2.53 0.00	50.47 2.73 0.00	45.72 2.38 0.00	38.07 2.13 0.00	28.57 1.77 0.00	33.85 2.10 -3.39	96.23 7.13 0.00	38.16 2.84 0.00	36.73 2.59 0.00	28.27 1.80 0.00	29.68 1.69 0.00	31.29 1.48 0.00	32.29 1.22 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.35 1.35 0.00	26.91 1.24 0.00	31.40 1.39 0.00	27.10 1.23 0.00	27.84 1.28 0.00	31.89 1.33 0.00	77.67 3.27 0.00	39.98 2.61 0.00	75.81 4.74 0.00	34.61 2.36 0.00	92.86 5.38 0.00	50.68 2.99 0.00	51.02 3.28 0.00	46.16 2.82 0.00	38.54 2.60 0.00	28.97 2.17 0.00	34.32 2.45 -3.51	97.70 8.60 0.00	38.70 3.39 0.00	37.15 3.01 0.00	28.61 2.14 0.00	29.97 1.98 0.00	31.54 1.73 0.00	32.47 1.39 0.00
E179THST_13_KV_LOAD 356214	27.44 1.44 0.00	27.00 1.33 0.00	31.51 1.49 0.00	27.19 1.32 0.00	27.93 1.37 0.00	32.01 1.45 0.00	77.96 3.56 0.00	40.14 2.77 0.00	76.11 5.03 0.00	34.76 2.51 0.00	93.24 5.76 0.00	50.90 3.21 0.00	51.23 3.50 0.00	46.35 3.01 0.00	38.71 2.77 0.00	29.10 2.30 0.00	34.46 2.59 -3.51	98.15 9.05 0.00	38.89 3.57 0.00	37.32 3.18 0.00	28.74 2.26 0.00	30.10 2.11 0.00	31.66 1.85 0.00	32.60 1.53 0.00

EAST HAMPTON___GT 23717	34.67 2.33 -6.34	35.14 2.15 -7.33	35.29 2.50 -2.77	34.68 2.19 -6.63	34.19 2.28 -5.36	33.00 2.44 0.00	80.03 5.63 0.00	41.60 4.23 0.00	80.30 8.48 -0.73	53.84 3.92 -17.68	95.89 8.41 0.00	51.82 4.13 0.00	82.57 5.63 -29.20	49.91 5.14 -1.43	43.22 4.48 -2.80	59.49 3.51 -29.17	42.47 3.93 -10.17	316.89 14.19 -213.60	286.36 5.69 -245.35	281.27 5.15 -241.99	121.83 3.71 -91.65	37.30 3.71 -5.60	37.73 3.53 -4.39	37.14 3.22 -2.85
EAST RIVER___6 23660	27.47 1.48 0.00	27.02 1.35 0.00	31.54 1.52 0.00	27.19 1.33 0.00	27.94 1.38 0.00	32.03 1.47 0.00	77.96 3.56 0.00	40.15 2.78 0.00	76.18 5.11 0.00	34.74 2.50 0.00	93.37 5.89 0.00	50.94 3.25 0.00	51.32 3.58 0.00	46.36 3.02 0.00	38.69 2.75 0.00	29.11 2.31 0.00	34.54 2.67 -3.51	98.17 9.06 0.00	38.94 3.63 0.00	37.36 3.22 0.00	28.74 2.26 0.00	30.06 2.07 0.00	31.62 1.81 0.00	32.54 1.46 0.00
EAST RIVER___7 23524	27.47 1.48 0.00	27.02 1.35 0.00	31.54 1.52 0.00	27.19 1.33 0.00	27.94 1.38 0.00	32.03 1.47 0.00	77.96 3.56 0.00	40.15 2.78 0.00	76.18 5.11 0.00	34.74 2.50 0.00	93.37 5.89 0.00	50.94 3.25 0.00	51.32 3.58 0.00	46.36 3.02 0.00	38.69 2.75 0.00	29.11 2.31 0.00	34.54 2.67 -3.51	98.17 9.06 0.00	38.94 3.63 0.00	37.36 3.22 0.00	28.74 2.26 0.00	30.06 2.07 0.00	31.62 1.81 0.00	32.54 1.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.29 1.29 0.00	26.86 1.18 0.00	31.37 1.35 0.00	27.04 1.17 0.00	27.78 1.22 0.00	31.84 1.29 0.00	77.53 3.13 0.00	39.80 2.43 0.00	75.46 4.39 0.00	34.38 2.13 0.00	92.52 5.04 0.00	50.47 2.78 0.00	50.81 3.07 0.00	45.99 2.65 0.00	38.33 2.39 0.00	28.80 1.99 0.00	34.19 2.33 -3.50	96.99 7.89 0.00	38.47 3.15 0.00	36.99 2.85 0.00	28.47 1.99 0.00	29.86 1.87 0.00	31.44 1.63 0.00	32.41 1.34 0.00
EAST_HAMPTON___DIESEL 23722	34.67 2.34 -6.34	35.15 2.15 -7.33	35.29 2.50 -2.77	34.68 2.19 -6.63	34.20 2.28 -5.36	33.00 2.45 0.00	80.03 5.63 0.00	41.60 4.23 0.00	80.30 8.49 -0.73	53.85 3.92 -17.68	95.91 8.43 0.00	51.83 4.14 0.00	82.57 5.63 -29.20	49.91 5.14 -1.43	43.23 4.49 -2.80	59.49 3.52 -29.17	42.47 3.93 -10.18	316.87 14.17 -213.60	286.36 5.69 -245.35	281.27 5.15 -241.99	121.83 3.71 -91.65	37.30 3.71 -5.60	37.73 3.53 -4.39	37.14 3.22 -2.85
EAST_PULASKI___ESR 323781	25.28 -0.71 0.00	25.11 -0.56 0.00	29.39 -0.62 0.00	25.27 -0.60 0.00	25.95 -0.61 0.00	30.00 -0.56 0.00	72.91 -1.49 0.00	36.70 -0.67 0.00	69.78 -1.30 0.00	31.54 -0.71 0.00	85.12 -2.36 0.00	46.13 -1.56 0.00	46.03 -1.71 0.00	41.85 -1.49 0.00	34.84 -1.10 0.00	25.99 -0.81 0.00	28.47 -0.49 -0.59	87.72 -1.39 0.00	34.74 -0.58 0.00	33.54 -0.60 0.00	25.89 -0.58 0.00	27.34 -0.64 0.00	29.15 -0.66 0.00	30.67 -0.40 0.00
EAST_RIVER___1 323558	27.44 1.45 0.00	26.99 1.32 0.00	31.51 1.49 0.00	27.16 1.30 0.00	27.91 1.35 0.00	31.99 1.43 0.00	77.86 3.46 0.00	40.08 2.71 0.00	76.03 4.95 0.00	34.66 2.42 0.00	93.19 5.71 0.00	50.83 3.14 0.00	51.20 3.46 0.00	46.29 2.95 0.00	38.62 2.68 0.00	29.04 2.23 0.00	34.46 2.59 -3.51	97.93 8.83 0.00	38.85 3.54 0.00	37.28 3.14 0.00	28.69 2.21 0.00	30.06 2.07 0.00	31.63 1.82 0.00	32.55 1.47 0.00
EAST_RIVER___2 323559	27.47 1.48 0.00	27.02 1.35 0.00	31.54 1.52 0.00	27.19 1.33 0.00	27.94 1.38 0.00	32.03 1.47 0.00	77.96 3.56 0.00	40.15 2.78 0.00	76.18 5.11 0.00	34.74 2.50 0.00	93.37 5.89 0.00	50.94 3.25 0.00	51.32 3.58 0.00	46.36 3.02 0.00	38.69 2.75 0.00	29.11 2.31 0.00	34.54 2.67 -3.51	98.17 9.06 0.00	38.94 3.63 0.00	37.36 3.22 0.00	28.74 2.26 0.00	30.06 2.07 0.00	31.62 1.81 0.00	32.54 1.46 0.00
EAST___DELAWARE_HYD 23607	27.05 1.05 0.00	26.63 0.96 0.00	31.11 1.09 0.00	26.81 0.94 0.00	27.55 0.98 0.00	31.62 1.07 0.00	77.16 2.76 0.00	39.49 2.12 0.00	74.87 3.79 0.00	34.08 1.83 0.00	91.86 4.38 0.00	50.17 2.49 0.00	50.39 2.66 0.00	45.66 2.32 0.00	38.00 2.06 0.00	28.42 1.61 0.00	33.51 2.04 -3.10	96.26 7.15 0.00	38.14 2.82 0.00	36.73 2.59 0.00	28.24 1.77 0.00	29.63 1.64 0.00	31.24 1.43 0.00	32.24 1.17 0.00
EIGHT_POINT___WT_PWR 323820	23.38 -2.61 0.00	23.40 -2.27 0.00	27.72 -2.30 0.00	24.26 -1.60 0.00	25.04 -1.53 0.00	29.00 -1.56 0.00	70.23 -4.17 0.00	36.09 -1.28 0.00	68.62 -2.45 0.00	31.18 -1.07 0.00	83.27 -4.21 0.00	44.41 -3.28 0.00	43.92 -3.81 0.00	40.29 -3.05 0.00	34.36 -1.58 0.00	25.55 -1.26 0.00	28.63 -0.88 -1.14	86.99 -2.12 0.00	33.82 -1.50 0.00	33.12 -1.02 0.00	25.48 -1.00 0.00	27.21 -0.78 0.00	29.36 -0.45 0.00	30.62 -0.46 0.00
ELBRIDGE_115KV_TB2 80188	25.57 -0.43 0.00	25.29 -0.38 0.00	29.55 -0.47 0.00	25.50 -0.36 0.00	26.19 -0.37 0.00	30.16 -0.39 0.00	73.30 -1.10 0.00	36.99 -0.38 0.00	70.25 -0.83 0.00	31.84 -0.41 0.00	86.19 -1.39 -0.10	46.82 -0.87 0.00	46.80 -0.94 0.00	42.58 -0.76 0.00	35.45 -0.49 0.00	26.35 -0.45 0.00	28.80 -0.32 -0.75	88.12 -0.98 0.00	34.96 -0.36 0.00	33.77 -0.37 0.00	26.08 -0.40 0.00	27.55 -0.44 0.00	29.33 -0.48 0.00	30.73 -0.34 0.00
ELEC_TRO_TEK 24086	34.06 1.72 -6.34	34.62 1.63 -7.33	34.64 1.85 -2.77	34.09 1.60 -6.63	33.56 1.64 -5.36	32.27 1.72 0.00	78.11 3.72 0.00	40.37 3.00 0.00	77.42 5.61 -0.73	52.63 2.71 -17.68	93.57 6.09 0.00	51.02 3.34 0.00	80.75 3.82 -29.20	48.16 3.39 -1.43	41.76 3.02 -2.80	58.44 2.47 -29.17	85.85 2.79 -54.70	312.13 9.43 -213.59	284.43 3.76 -245.35	279.59 3.47 -241.99	120.59 2.47 -91.65	35.95 2.37 -5.60	36.36 2.15 -4.39	35.79 1.87 -2.85
ELLENBURG_WT_PWR 323604	25.46 -0.54 0.00	25.13 -0.54 0.00	29.73 -0.29 0.00	25.52 -0.35 0.00	26.05 -0.51 0.00	30.04 -0.52 0.00	73.58 -0.82 0.00	36.24 -1.14 0.00	68.47 -2.61 0.00	31.11 -1.13 0.00	85.74 -1.74 0.00	47.09 -0.60 0.00	47.24 -0.50 0.00	43.03 -0.31 0.00	35.27 -0.67 0.00	26.51 -0.30 0.00	27.84 -0.52 0.00	87.48 -1.62 0.00	34.80 -0.52 0.00	33.92 -0.22 0.00	26.30 -0.18 0.00	27.73 -0.25 0.00	29.96 0.15 0.00	31.21 0.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.18 -1.82 0.00	24.06 -1.61 0.00	27.89 -2.12 0.00	24.09 -1.78 0.00	24.69 -1.87 0.00	28.77 -1.79 0.00	69.91 -4.49 0.00	35.58 -1.79 0.00	67.04 -4.04 0.00	30.19 -2.05 0.00	79.09 -7.57 0.82	43.41 -4.28 0.00	43.16 -4.57 0.00	39.66 -3.68 0.00	33.50 -2.44 0.00	24.87 -1.93 0.00	27.58 -1.78 -0.99	83.81 -5.30 0.00	33.29 -2.02 0.00	32.39 -1.75 0.00	24.88 -1.60 0.00	26.34 -1.65 0.00	28.33 -1.48 0.00	29.82 -1.25 0.00
EMPIRE_CC_1 323656	26.64 0.64 0.00	26.27 0.60 0.00	30.66 0.64 0.00	26.41 0.54 0.00	27.16 0.60 0.00	31.11 0.56 0.00	75.77 1.37 0.00	38.41 1.04 0.00	72.95 1.87 0.00	33.05 0.80 0.00	89.21 1.73 0.00	48.57 0.89 0.00	48.76 1.02 0.00	44.34 0.99 0.00	36.77 0.83 0.00	27.66 0.85 0.00	33.58 1.03 -4.18	92.11 3.01 0.00	36.49 1.17 0.00	35.30 1.16 0.00	27.31 0.84 0.00	28.75 0.76 0.00	30.31 0.50 0.00	31.35 0.29 0.00

EMPIRE_CC_2 323658	26.64 0.64 0.00	26.27 0.60 0.00	30.66 0.64 0.00	26.41 0.54 0.00	27.16 0.60 0.00	31.11 0.56 0.00	75.77 1.37 0.00	38.41 1.04 0.00	72.95 1.87 0.00	33.05 0.80 0.00	89.21 1.73 0.00	48.57 0.89 0.00	48.76 1.02 0.00	44.34 0.99 0.00	36.77 0.83 0.00	27.66 0.85 0.00	33.58 1.03 -4.18	92.11 3.01 0.00	36.49 1.17 0.00	35.30 1.16 0.00	27.31 0.84 0.00	28.75 0.76 0.00	30.31 0.50 0.00	31.35 0.29 0.00
ENORWICH_115KV_TB1 80156	26.98 0.98 0.00	26.61 0.94 0.00	31.09 1.07 0.00	27.00 1.13 0.00	27.88 1.31 0.00	32.40 1.84 0.00	79.42 5.02 0.00	40.48 3.10 0.00	76.37 5.30 0.00	34.56 2.32 0.00	93.53 6.05 0.00	50.67 2.98 0.00	50.26 2.52 0.00	45.38 2.04 0.00	37.84 1.90 0.00	28.60 1.80 0.00	32.03 2.25 -1.40	97.21 8.10 0.00	38.49 3.18 0.00	37.10 2.96 0.00	28.44 1.96 0.00	29.92 1.94 0.00	31.72 1.91 0.00	32.78 1.71 0.00
ERIE_ST__34_KV_TB1-2 80199	24.73 -1.27 0.00	24.59 -1.07 0.00	28.52 -1.50 0.00	24.63 -1.23 0.00	25.25 -1.31 0.00	29.41 -1.14 0.00	71.46 -2.94 0.00	36.47 -0.91 0.00	68.75 -2.33 0.00	30.97 -1.28 0.00	81.35 -5.33 0.80	44.63 -3.06 0.00	44.37 -3.37 0.00	40.72 -2.62 0.00	34.38 -1.56 0.00	25.53 -1.27 0.00	28.28 -1.09 -1.01	86.13 -2.98 0.00	34.20 -1.12 0.00	33.26 -0.88 0.00	25.52 -0.96 0.00	27.00 -0.99 0.00	28.98 -0.83 0.00	30.44 -0.63 0.00
ERIE_WT_PWR 323693	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.97 -1.58 0.00	70.40 -4.00 0.00	35.90 -1.48 0.00	67.57 -3.51 0.00	30.47 -1.77 0.00	80.03 -6.65 0.80	43.86 -3.82 0.00	43.60 -4.13 0.00	40.06 -3.28 0.00	33.83 -2.11 0.00	25.11 -1.69 0.00	27.83 -1.54 -1.00	84.67 -4.44 0.00	33.61 -1.71 0.00	32.73 -1.41 0.00	25.15 -1.33 0.00	26.65 -1.34 0.00	28.61 -1.20 0.00	30.07 -1.00 0.00
ESPRGFLD_115KV_TB1 80157	26.71 0.72 0.00	26.30 0.63 0.00	30.79 0.77 0.00	26.57 0.71 0.00	27.30 0.73 0.00	31.51 0.96 0.00	76.93 2.54 0.00	38.74 1.36 0.00	73.58 2.50 0.00	33.27 1.02 0.00	90.07 2.59 0.00	49.03 1.34 0.00	48.92 1.18 0.00	44.49 1.15 0.00	36.92 0.98 0.00	27.59 0.78 0.00	28.95 0.97 0.39	92.65 3.55 0.00	36.78 1.46 0.00	35.48 1.34 0.00	27.39 0.92 0.00	28.95 0.96 0.00	30.88 1.07 0.00	32.25 1.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.14 0.15 0.00	25.86 0.18 0.00	30.19 0.18 0.00	26.09 0.22 0.00	26.81 0.24 0.00	30.91 0.36 0.00	75.36 0.96 0.00	38.18 0.81 0.00	72.40 1.32 0.00	32.82 0.57 0.00	88.77 1.17 -0.12	48.17 0.48 0.00	47.99 0.26 0.00	43.55 0.21 0.00	36.44 0.50 0.00	27.22 0.42 0.00	30.17 0.67 -1.14	91.47 2.36 0.00	36.27 0.96 0.00	35.01 0.88 0.00	26.97 0.50 0.00	28.45 0.46 0.00	30.26 0.45 0.00	31.53 0.46 0.00
ETNA_____115KV_TB2 80207	26.14 0.15 0.00	25.86 0.18 0.00	30.19 0.18 0.00	26.09 0.22 0.00	26.81 0.24 0.00	30.91 0.36 0.00	75.36 0.96 0.00	38.18 0.81 0.00	72.40 1.32 0.00	32.82 0.57 0.00	88.77 1.17 -0.12	48.17 0.48 0.00	47.99 0.26 0.00	43.55 0.21 0.00	36.44 0.50 0.00	27.22 0.42 0.00	30.17 0.67 -1.14	91.47 2.36 0.00	36.27 0.96 0.00	35.01 0.88 0.00	26.97 0.50 0.00	28.45 0.46 0.00	30.26 0.45 0.00	31.53 0.46 0.00
EUCLID___115KV_TB2 356179	25.49 -0.51 0.00	25.20 -0.47 0.00	29.43 -0.59 0.00	25.38 -0.49 0.00	26.07 -0.49 0.00	30.00 -0.55 0.00	72.98 -1.42 0.00	36.80 -0.58 0.00	69.92 -1.16 0.00	31.70 -0.55 0.00	85.65 -1.83 0.00	46.57 -1.12 0.00	46.58 -1.16 0.00	42.36 -0.98 0.00	35.21 -0.72 0.00	26.21 -0.59 0.00	28.53 -0.50 -0.67	87.47 -1.64 0.00	34.67 -0.65 0.00	33.51 -0.63 0.00	25.92 -0.55 0.00	27.36 -0.63 0.00	29.16 -0.65 0.00	30.56 -0.51 0.00
E_CANADA_CAP_HY 24051	26.89 0.90 0.00	26.46 0.79 0.00	30.94 0.93 0.00	26.67 0.81 0.00	27.39 0.83 0.00	31.66 1.11 0.00	77.27 2.88 0.00	38.71 1.33 0.00	73.35 2.27 0.00	33.08 0.83 0.00	89.64 2.16 0.00	48.87 1.18 0.00	48.74 1.01 0.00	44.40 1.06 0.00	36.78 0.84 0.00	27.49 0.69 0.00	34.78 0.82 -5.59	92.02 2.92 0.00	36.49 1.17 0.00	35.22 1.08 0.00	27.29 0.81 0.00	28.91 0.92 0.00	30.92 1.11 0.00	32.35 1.28 0.00
E_CANADA_MHWK_HY 24050	26.51 0.51 0.00	26.06 0.39 0.00	30.28 0.26 0.00	26.14 0.28 0.00	26.98 0.42 0.00	30.98 0.42 0.00	75.76 1.37 0.00	38.76 1.38 0.00	73.03 1.95 0.00	32.95 0.70 0.00	88.98 1.50 0.00	48.37 0.68 0.00	48.51 0.77 0.00	43.80 0.45 0.00	36.66 0.72 0.00	27.57 0.77 0.00	29.67 1.21 -0.09	93.55 4.45 0.00	36.90 1.58 0.00	35.55 1.42 0.00	27.51 1.03 0.00	28.79 0.81 0.00	30.52 0.71 0.00	31.36 0.29 0.00
E_FISHKILL___LBMP 23776	27.14 1.14 0.00	26.71 1.04 0.00	31.19 1.17 0.00	26.88 1.02 0.00	27.62 1.06 0.00	31.67 1.12 0.00	77.18 2.78 0.00	39.53 2.16 0.00	74.95 3.87 0.00	34.10 1.86 0.00	91.85 4.37 0.00	50.12 2.43 0.00	50.39 2.65 0.00	45.66 2.32 0.00	38.01 2.07 0.00	28.56 1.75 0.00	34.03 2.08 -3.59	96.05 6.95 0.00	38.09 2.77 0.00	36.66 2.52 0.00	28.23 1.76 0.00	29.63 1.64 0.00	31.22 1.41 0.00	32.20 1.13 0.00
FALCON___SEABRD_CC1 323796	25.73 -0.27 0.00	25.38 -0.28 0.00	30.02 0.01 0.00	25.82 -0.05 0.00	26.38 -0.18 0.00	30.42 -0.13 0.00	74.56 0.16 0.00	36.78 -0.60 0.00	69.61 -1.47 0.00	31.61 -0.63 0.00	86.96 -0.52 0.00	47.73 0.04 0.00	47.86 0.12 0.00	43.58 0.24 0.00	35.76 -0.18 0.00	26.91 0.10 0.00	28.24 -0.13 0.00	88.70 -0.40 0.00	35.34 0.02 0.00	34.45 0.31 0.00	26.68 0.21 0.00	28.11 0.12 0.00	30.31 0.50 0.00	31.57 0.50 0.00
FALCON___SEABRD_CC2 323797	25.73 -0.27 0.00	25.38 -0.28 0.00	30.02 0.01 0.00	25.82 -0.05 0.00	26.38 -0.18 0.00	30.42 -0.13 0.00	74.56 0.16 0.00	36.78 -0.60 0.00	69.61 -1.47 0.00	31.61 -0.63 0.00	86.96 -0.52 0.00	47.73 0.04 0.00	47.86 0.12 0.00	43.58 0.24 0.00	35.76 -0.18 0.00	26.91 0.10 0.00	28.24 -0.13 0.00	88.70 -0.40 0.00	35.34 0.02 0.00	34.45 0.31 0.00	26.68 0.21 0.00	28.11 0.12 0.00	30.31 0.50 0.00	31.57 0.50 0.00
FAR ROCKAWAY___4 23548	34.36 2.02 -6.34	34.91 1.91 -7.33	34.96 2.17 -2.77	34.38 1.88 -6.63	33.85 1.93 -5.36	32.61 2.06 0.00	78.54 4.14 0.00	40.74 3.37 0.00	78.35 6.54 -0.73	53.07 3.15 -17.68	94.31 6.83 0.00	51.38 3.69 0.00	81.15 4.22 -29.20	48.53 3.76 -1.43	42.09 3.35 -2.80	58.69 2.72 -29.17	86.13 3.06 -54.70	313.03 10.34 -213.59	284.78 4.11 -245.35	279.95 3.82 -241.99	120.87 2.75 -91.65	36.25 2.67 -5.60	36.77 2.57 -4.39	36.20 2.28 -2.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.45 1.45 0.00	27.00 1.33 0.00	31.52 1.50 0.00	27.17 1.31 0.00	27.92 1.36 0.00	32.00 1.44 0.00	77.87 3.47 0.00	40.08 2.71 0.00	76.04 4.96 0.00	34.66 2.42 0.00	93.20 5.72 0.00	50.83 3.14 0.00	51.20 3.46 0.00	46.29 2.95 0.00	38.63 2.69 0.00	29.04 2.24 0.00	34.47 2.60 -3.51	97.94 8.83 0.00	38.86 3.54 0.00	37.30 3.16 0.00	28.70 2.23 0.00	30.07 2.09 0.00	31.65 1.84 0.00	32.57 1.50 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.46 1.46 0.00	27.01 1.34 0.00	31.54 1.52 0.00	27.18 1.32 0.00	27.93 1.37 0.00	32.01 1.46 0.00	77.88 3.48 0.00	40.11 2.73 0.00	76.06 4.98 0.00	34.68 2.43 0.00	93.23 5.75 0.00	50.84 3.15 0.00	51.22 3.48 0.00	46.32 2.98 0.00	38.64 2.70 0.00	29.05 2.25 0.00	34.48 2.61 -3.51	97.99 8.88 0.00	38.88 3.56 0.00	37.31 3.17 0.00	28.71 2.23 0.00	30.09 2.10 0.00	31.66 1.85 0.00	32.58 1.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.44 1.44 0.00	26.99 1.32 0.00	31.51 1.49 0.00	27.16 1.30 0.00	27.91 1.35 0.00	31.99 1.43 0.00	77.81 3.42 0.00	40.07 2.70 0.00	75.99 4.91 0.00	34.65 2.40 0.00	93.16 5.68 0.00	50.80 3.11 0.00	51.18 3.44 0.00	46.28 2.94 0.00	38.61 2.67 0.00	29.03 2.23 0.00	34.45 2.58 -3.51	97.88 8.78 0.00	38.84 3.52 0.00	37.27 3.13 0.00	28.68 2.21 0.00	30.06 2.07 0.00	31.63 1.82 0.00	32.55 1.47 0.00
FARRAGUT___LBMP 323566	27.42 1.43 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.15 1.28 0.00	27.90 1.33 0.00	31.96 1.41 0.00	77.78 3.39 0.00	40.04 2.67 0.00	75.92 4.84 0.00	34.62 2.38 0.00	93.08 5.60 0.00	50.76 3.07 0.00	51.13 3.39 0.00	46.24 2.90 0.00	38.58 2.64 0.00	29.00 2.20 0.00	34.43 2.56 -3.51	97.81 8.71 0.00	38.81 3.49 0.00	37.24 3.10 0.00	28.66 2.19 0.00	30.03 2.04 0.00	31.61 1.80 0.00	32.54 1.47 0.00
FENNER___WINDPWR 24204	26.16 0.16 0.00	25.87 0.20 0.00	30.26 0.24 0.00	26.09 0.23 0.00	26.82 0.26 0.00	30.96 0.40 0.00	75.53 1.13 0.00	38.14 0.76 0.00	72.49 1.41 0.00	32.85 0.61 0.00	88.79 1.31 0.00	48.23 0.54 0.00	48.11 0.37 0.00	43.73 0.39 0.00	36.46 0.52 0.00	27.22 0.42 0.00	29.67 0.61 -0.70	91.26 2.16 0.00	36.13 0.81 0.00	34.90 0.76 0.00	26.92 0.44 0.00	28.36 0.37 0.00	30.18 0.37 0.00	31.49 0.42 0.00
FIBERTEK___ENERGY 23856	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -2.38 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.60 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.30 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.18 0.00
FITZPATRICK____ 23598	25.19 -0.80 0.00	24.90 -0.77 0.00	29.10 -0.92 0.00	25.08 -0.78 0.00	25.76 -0.80 0.00	29.65 -0.90 0.00	72.01 -2.38 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.44 -3.04 0.00	45.96 -1.73 0.00	45.96 -1.78 0.00	41.79 -1.56 0.00	34.70 -1.24 0.00	25.80 -1.00 0.00	27.93 -0.96 -0.53	86.08 -3.03 0.00	34.12 -1.20 0.00	32.97 -1.17 0.00	25.52 -0.95 0.00	26.95 -1.04 0.00	28.76 -1.06 0.00	30.18 -0.89 0.00
FLOWRFLD_69_KV_BK1 356044	34.18 1.85 -6.34	34.72 1.72 -7.33	34.77 1.98 -2.77	34.19 1.70 -6.63	33.66 1.75 -5.36	32.32 1.77 0.00	78.19 3.80 0.00	40.56 3.18 0.00	78.02 6.21 -0.73	52.82 2.90 -17.68	93.83 6.35 0.00	51.04 3.36 0.00	81.04 4.11 -29.20	48.47 3.70 -1.43	42.00 3.26 -2.80	58.63 2.65 -29.17	84.66 3.01 -53.29	313.24 10.54 -213.59	284.83 4.17 -245.35	279.84 3.71 -241.99	120.76 2.64 -91.65	36.16 2.58 -5.60	36.57 2.36 -4.39	36.01 2.09 -2.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.43 1.43 0.00	27.00 1.33 0.00	31.53 1.51 0.00	27.17 1.31 0.00	27.92 1.36 0.00	32.04 1.49 0.00	78.13 3.73 0.00	40.03 2.65 0.00	75.90 4.82 0.00	34.53 2.29 0.00	93.07 5.58 0.00	50.78 3.09 0.00	51.04 3.30 0.00	46.25 2.91 0.00	38.49 2.56 0.00	28.91 2.10 0.00	34.36 2.48 -3.51	97.37 8.27 0.00	38.60 3.29 0.00	37.15 3.01 0.00	28.60 2.13 0.00	30.00 2.02 0.00	31.60 1.79 0.00	32.59 1.52 0.00
FORT ORANGE____ 23900	26.64 0.64 0.00	26.27 0.61 0.00	30.68 0.67 0.00	26.44 0.57 0.00	27.20 0.63 0.00	31.20 0.65 0.00	76.11 1.71 0.00	38.62 1.25 0.00	73.35 2.27 0.00	33.25 1.00 0.00	89.86 2.38 0.00	48.92 1.23 0.00	49.08 1.34 0.00	44.58 1.23 0.00	36.99 1.05 0.00	27.73 0.93 0.00	33.89 1.21 -4.32	92.98 3.88 0.00	36.80 1.49 0.00	35.56 1.42 0.00	27.49 1.02 0.00	28.90 0.91 0.00	30.47 0.66 0.00	31.52 0.44 0.00
FORT_DRUM_COGEN 23780	24.88 -1.12 0.00	25.03 -0.63 0.00	29.50 -0.52 0.00	25.16 -0.70 0.00	25.80 -0.76 0.00	30.21 -0.35 0.00	73.50 -0.89 0.00	36.96 -0.41 0.00	70.37 -0.71 0.00	31.50 -0.75 0.00	84.81 -2.67 0.00	45.53 -2.16 0.00	45.04 -2.70 0.00	40.95 -2.39 0.00	34.24 -1.70 0.00	25.83 -0.97 0.00	28.80 -0.01 -0.45	89.65 0.54 0.00	35.39 0.07 0.00	34.17 0.03 0.00	26.21 -0.26 0.00	27.65 -0.34 0.00	29.39 -0.42 0.00	31.22 0.15 0.00
FOX_HILLS___ESR 323835	27.53 1.53 0.00	27.09 1.42 0.00	31.63 1.61 0.00	27.28 1.42 0.00	28.02 1.46 0.00	32.07 1.51 0.00	77.87 3.47 0.00	40.14 2.76 0.00	75.92 4.84 0.00	34.71 2.47 0.00	93.04 5.56 0.00	50.79 3.10 0.00	51.13 3.39 0.00	46.25 2.91 0.00	38.71 2.77 0.00	29.14 2.34 0.00	34.52 2.65 -3.51	97.88 8.77 0.00	38.89 3.57 0.00	37.39 3.25 0.00	28.79 2.31 0.00	30.16 2.17 0.00	31.81 2.00 0.00	32.76 1.69 0.00
FPL_FAR_ROCK_GT1 24212	34.36 2.02 -6.34	34.91 1.92 -7.33	34.96 2.17 -2.77	34.38 1.88 -6.63	33.85 1.93 -5.36	32.61 2.06 0.00	78.54 4.14 0.00	40.75 3.37 0.00	78.37 6.56 -0.73	53.07 3.15 -17.68	94.30 6.82 0.00	51.39 3.70 0.00	81.16 4.22 -29.20	48.53 3.76 -1.43	42.09 3.35 -2.80	58.69 2.72 -29.17	86.13 3.07 -54.70	313.02 10.33 -213.59	284.78 4.11 -245.35	279.94 3.82 -241.99	120.87 2.75 -91.65	36.25 2.67 -5.60	36.77 2.57 -4.39	36.20 2.28 -2.85
FPL_FAR_ROCK_GT2 23815	34.36 2.02 -6.34	34.91 1.92 -7.33	34.96 2.17 -2.77	34.38 1.88 -6.63	33.85 1.93 -5.36	32.61 2.06 0.00	78.54 4.14 0.00	40.75 3.37 0.00	78.37 6.56 -0.73	53.07 3.15 -17.68	94.30 6.82 0.00	51.39 3.70 0.00	81.16 4.22 -29.20	48.53 3.76 -1.43	42.09 3.35 -2.80	58.69 2.72 -29.17	86.13 3.07 -54.70	313.02 10.33 -213.59	284.78 4.11 -245.35	279.94 3.82 -241.99	120.87 2.75 -91.65	36.25 2.67 -5.60	36.77 2.57 -4.39	36.20 2.28 -2.85
FRANKLIN_FALL_HYD 24054	25.91 -0.09 0.00	25.58 -0.09 0.00	30.18 0.17 0.00	25.91 0.05 0.00	26.48 -0.08 0.00	30.58 0.03 0.00	74.89 0.50 0.00	36.98 -0.39 0.00	70.11 -0.97 0.00	31.87 -0.37 0.00	87.55 0.07 0.00	47.99 0.30 0.00	48.06 0.33 0.00	43.72 0.38 0.00	35.90 -0.04 0.00	26.89 0.08 0.00	28.28 -0.09 0.00	88.86 -0.24 0.00	35.31 0.00 0.00	34.34 0.20 0.00	26.65 0.18 0.00	28.19 0.20 0.00	30.39 0.58 0.00	31.67 0.59 0.00
FREEPORT_EQUS_GT1 23764	34.18 1.85 -6.34	34.73 1.73 -7.33	34.77 1.98 -2.77	34.21 1.72 -6.63	33.67 1.76 -5.36	32.39 1.83 0.00	78.26 3.86 0.00	40.49 3.11 0.00	77.54 5.73 -0.73	52.79 2.86 -17.68	93.85 6.37 0.00	51.18 3.49 0.00	80.96 4.02 -29.20	48.35 3.58 -1.43	41.93 3.19 -2.80	58.55 2.58 -29.17	85.84 2.77 -54.70	312.05 9.35 -213.59	284.43 3.76 -245.35	279.75 3.62 -241.99	120.74 2.62 -91.65	36.10 2.51 -5.60	36.50 2.30 -4.39	35.93 2.01 -2.85

FREEPORT___CT2 23818	34.18 1.85 -6.34	34.73 1.73 -7.33	34.77 1.98 -2.77	34.21 1.72 -6.63	33.67 1.76 -5.36	32.39 1.83 0.00	78.26 3.86 0.00	40.49 3.11 0.00	77.54 5.73 -0.73	52.79 2.86 -17.68	93.85 6.37 0.00	51.18 3.49 0.00	80.96 4.02 -29.20	48.35 3.58 -1.43	41.93 3.19 -2.80	58.55 2.58 -29.17	85.84 2.77 -54.70	312.05 9.35 -213.59	284.43 3.76 -245.35	279.75 3.62 -241.99	120.74 2.62 -91.65	36.10 2.51 -5.60	36.50 2.30 -4.39	35.93 2.01 -2.85
FRESHKLS_33_KV_LOAD 356253	27.57 1.58 0.00	27.14 1.47 0.00	31.70 1.68 0.00	27.36 1.49 0.00	28.10 1.54 0.00	32.09 1.53 0.00	77.61 3.21 0.00	40.02 2.65 0.00	75.43 4.36 0.00	34.59 2.35 0.00	92.11 4.99 0.36	50.50 2.81 0.00	50.81 3.07 0.00	45.96 2.61 0.00	38.60 2.66 0.00	29.11 2.31 0.00	34.47 2.60 -3.51	46.63 8.18 50.66	38.77 3.45 0.00	37.35 3.21 0.00	28.75 2.27 0.00	30.12 2.13 0.00	31.98 2.16 0.00	32.97 1.89 0.00
FULTON COGEN____ 23766	25.43 -0.57 0.00	25.13 -0.54 0.00	29.36 -0.65 0.00	25.31 -0.56 0.00	26.00 -0.57 0.00	29.93 -0.63 0.00	72.75 -1.64 0.00	36.67 -0.70 0.00	69.70 -1.37 0.00	31.59 -0.65 0.00	85.39 -2.09 0.00	46.43 -1.26 0.00	46.44 -1.30 0.00	42.25 -1.09 0.00	35.10 -0.84 0.00	26.13 -0.67 0.00	28.43 -0.57 -0.63	87.32 -1.78 0.00	34.61 -0.71 0.00	33.43 -0.71 0.00	25.86 -0.62 0.00	27.28 -0.71 0.00	29.09 -0.72 0.00	30.49 -0.58 0.00
FULTON___LFGE 323630	27.67 1.67 0.00	27.29 1.62 0.00	31.83 1.81 0.00	27.43 1.56 0.00	28.18 1.62 0.00	32.57 2.02 0.00	79.27 4.87 0.00	39.96 2.59 0.00	75.42 4.34 0.00	33.90 1.66 0.00	92.24 4.76 0.00	50.04 2.35 0.00	50.12 2.39 0.00	45.26 1.92 0.00	38.34 2.40 0.00	28.61 1.81 0.00	36.06 2.43 -5.26	97.00 7.89 0.00	38.29 2.97 0.00	36.97 2.83 0.00	28.61 2.14 0.00	30.11 2.13 0.00	31.87 2.06 0.00	32.97 1.90 0.00
G.F.CEMENT___DRP 24184	27.26 1.26 0.00	26.83 1.16 0.00	31.23 1.21 0.00	26.92 1.06 0.00	27.81 1.25 0.00	32.16 1.60 0.00	78.24 3.84 0.00	39.70 2.33 0.00	75.42 4.35 0.00	34.11 1.87 0.00	92.25 4.77 0.00	50.18 2.49 0.00	50.49 2.75 0.00	45.54 2.19 0.00	37.64 1.70 0.00	28.29 1.48 0.00	34.61 1.74 -4.51	94.14 5.04 0.00	37.33 2.01 0.00	36.17 2.03 0.00	27.96 1.49 0.00	29.31 1.33 0.00	31.11 1.29 0.00	32.17 1.10 0.00
GARDENVILLE___LBMP 24039	24.25 -1.75 0.00	24.13 -1.54 0.00	27.99 -2.02 0.00	24.19 -1.68 0.00	24.80 -1.76 0.00	28.90 -1.66 0.00	70.21 -4.19 0.00	35.77 -1.60 0.00	67.42 -3.65 0.00	80.39 -1.87 -50.01	79.65 -7.04 0.79	43.69 -4.00 0.00	43.43 -4.31 0.00	39.90 -3.44 0.00	33.69 -2.25 0.00	25.00 -1.80 0.00	27.74 -1.63 -1.00	84.35 -4.75 0.00	33.50 -1.81 0.00	32.60 -1.54 0.00	25.04 -1.44 0.00	26.51 -1.48 0.00	28.50 -1.32 0.00	29.97 -1.10 0.00
GARDNVLA_35_KV_LD 355827	24.35 -1.65 0.00	24.23 -1.44 0.00	28.09 -1.92 0.00	24.27 -1.59 0.00	24.88 -1.68 0.00	29.00 -1.55 0.00	70.49 -3.91 0.00	35.94 -1.43 0.00	67.76 -3.32 0.00	30.52 -1.73 0.00	80.05 -6.63 0.80	43.90 -3.79 0.00	43.64 -4.10 0.00	40.11 -3.23 0.00	33.87 -2.07 0.00	25.13 -1.67 0.00	27.88 -1.49 -1.00	84.79 -4.31 0.00	33.68 -1.64 0.00	32.77 -1.37 0.00	25.16 -1.31 0.00	26.64 -1.35 0.00	28.63 -1.19 0.00	30.09 -0.97 0.00
GELCKHM___115KV_LOAD 80723	25.58 -0.42 0.00	25.29 -0.39 0.00	29.54 -0.48 0.00	25.46 -0.40 0.00	26.16 -0.41 0.00	30.12 -0.44 0.00	73.22 -1.18 0.00	36.93 -0.44 0.00	70.15 -0.92 0.00	31.82 -0.43 0.00	85.99 -1.49 0.00	46.76 -0.93 0.00	46.76 -0.97 0.00	42.53 -0.81 0.00	35.37 -0.57 0.00	26.32 -0.48 0.00	28.69 -0.37 -0.70	87.89 -1.21 0.00	34.85 -0.47 0.00	33.67 -0.47 0.00	26.03 -0.45 0.00	27.48 -0.51 0.00	29.28 -0.53 0.00	30.68 -0.39 0.00
GENERAL___MILLS 23808	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.98 -1.58 0.00	70.39 -4.01 0.00	35.89 -1.48 0.00	67.64 -3.44 0.00	30.47 -1.78 0.00	79.90 -6.78 0.80	43.83 -3.86 0.00	43.59 -4.15 0.00	40.04 -3.30 0.00	33.80 -2.14 0.00	25.09 -1.71 0.00	27.83 -1.54 -1.00	84.65 -4.46 0.00	33.63 -1.69 0.00	32.72 -1.41 0.00	25.13 -1.35 0.00	26.60 -1.39 0.00	28.58 -1.22 0.00	30.06 -1.01 0.00
GE_PLASTICS___DRP 24183	26.56 0.56 0.00	26.19 0.52 0.00	30.59 0.58 0.00	26.36 0.49 0.00	27.10 0.54 0.00	31.08 0.52 0.00	75.79 1.39 0.00	38.45 1.08 0.00	73.01 1.94 0.00	33.12 0.87 0.00	89.51 2.03 0.00	48.76 1.07 0.00	48.93 1.19 0.00	44.41 1.07 0.00	36.87 0.92 0.00	27.67 0.86 0.00	33.77 1.07 -4.33	92.53 3.43 0.00	36.65 1.34 0.00	35.40 1.26 0.00	27.37 0.89 0.00	28.78 0.80 0.00	30.39 0.57 0.00	31.45 0.38 0.00
GILBOA___1 23756	26.56 0.57 0.00	26.20 0.53 0.00	30.70 0.69 0.00	26.46 0.59 0.00	27.19 0.63 0.00	31.10 0.55 0.00	75.79 1.40 0.00	38.49 1.12 0.00	73.14 2.06 0.00	33.18 0.94 0.00	89.62 2.14 0.00	48.79 1.10 0.00	48.96 1.22 0.00	44.46 1.12 0.00	36.92 0.98 0.00	27.72 0.91 0.00	32.99 1.10 -3.52	92.76 3.65 0.00	36.81 1.50 0.00	35.52 1.39 0.00	27.42 0.95 0.00	28.85 0.86 0.00	30.50 0.69 0.00	31.58 0.51 0.00
GILBOA___2 23757	26.56 0.57 0.00	26.20 0.53 0.00	30.70 0.69 0.00	26.46 0.59 0.00	27.19 0.63 0.00	31.10 0.55 0.00	75.79 1.40 0.00	38.49 1.12 0.00	73.14 2.06 0.00	33.18 0.94 0.00	89.62 2.14 0.00	48.79 1.10 0.00	48.96 1.22 0.00	44.46 1.12 0.00	36.92 0.98 0.00	27.72 0.91 0.00	32.99 1.10 -3.52	92.76 3.65 0.00	36.81 1.50 0.00	35.52 1.39 0.00	27.42 0.95 0.00	28.85 0.86 0.00	30.50 0.69 0.00	31.58 0.51 0.00
GILBOA___3 23758	26.56 0.57 0.00	26.20 0.53 0.00	30.70 0.69 0.00	26.46 0.59 0.00	27.19 0.63 0.00	31.10 0.55 0.00	75.79 1.40 0.00	38.49 1.12 0.00	73.14 2.06 0.00	33.18 0.94 0.00	89.62 2.14 0.00	48.79 1.10 0.00	48.96 1.22 0.00	44.46 1.12 0.00	36.92 0.98 0.00	27.72 0.91 0.00	32.99 1.10 -3.52	92.76 3.65 0.00	36.81 1.50 0.00	35.52 1.39 0.00	27.42 0.95 0.00	28.85 0.86 0.00	30.50 0.69 0.00	31.58 0.51 0.00
GILBOA___4 23759	26.56 0.57 0.00	26.20 0.53 0.00	30.70 0.69 0.00	26.46 0.59 0.00	27.19 0.63 0.00	31.10 0.55 0.00	75.79 1.40 0.00	38.49 1.12 0.00	73.14 2.06 0.00	33.18 0.94 0.00	89.62 2.14 0.00	48.79 1.10 0.00	48.96 1.22 0.00	44.46 1.12 0.00	36.92 0.98 0.00	27.72 0.91 0.00	32.99 1.10 -3.52	92.76 3.65 0.00	36.81 1.50 0.00	35.52 1.39 0.00	27.42 0.95 0.00	28.85 0.86 0.00	30.50 0.69 0.00	31.58 0.51 0.00
GILBOA____ 23599	26.56 0.57 0.00	26.20 0.53 0.00	30.70 0.69 0.00	26.46 0.59 0.00	27.19 0.63 0.00	31.10 0.54 0.00	75.79 1.40 0.00	38.49 1.12 0.00	73.14 2.06 0.00	33.19 0.94 0.00	89.62 2.14 0.00	48.78 1.09 0.00	48.96 1.22 0.00	44.46 1.12 0.00	36.92 0.98 0.00	27.72 0.91 0.00	32.99 1.10 -3.52	92.75 3.65 0.00	36.81 1.50 0.00	35.52 1.38 0.00	27.42 0.95 0.00	28.85 0.86 0.00	30.50 0.69 0.00	31.59 0.52 0.00

GINNA____ 23603	23.76 -2.23 0.00	23.56 -2.11 0.00	27.37 -2.64 0.00	23.61 -2.25 0.00	24.24 -2.32 0.00	28.15 -2.40 0.00	68.61 -5.79 0.00	34.78 -2.60 0.00	65.65 -5.42 0.00	29.64 -2.61 0.00	77.79 -8.25 1.44	43.08 -4.61 0.00	42.99 -4.75 0.00	39.36 -3.98 0.00	33.03 -2.91 0.00	24.56 -2.24 0.00	27.05 -2.18 -0.86	82.44 -6.67 0.00	32.64 -2.68 0.00	31.63 -2.51 0.00	24.36 -2.12 0.00	25.72 -2.27 0.00	27.48 -2.33 0.00	28.85 -2.22 0.00
GLEN PARK____ 23778	24.98 -1.02 0.00	25.12 -0.55 0.00	29.58 -0.44 0.00	25.24 -0.63 0.00	25.89 -0.67 0.00	30.31 -0.25 0.00	73.78 -0.62 0.00	37.12 -0.25 0.00	70.66 -0.41 0.00	31.60 -0.65 0.00	85.01 -2.47 0.00	45.63 -2.06 0.00	45.13 -2.61 0.00	41.07 -2.27 0.00	34.39 -1.55 0.00	25.95 -0.86 0.00	28.92 0.10 -0.46	90.02 0.92 0.00	35.54 0.22 0.00	34.30 0.16 0.00	26.32 -0.16 0.00	27.75 -0.24 0.00	29.50 -0.31 0.00	31.30 0.23 0.00
GLENDALE_27_KV_LOAD 356172	27.49 1.50 0.00	27.04 1.37 0.00	31.56 1.55 0.00	27.22 1.35 0.00	27.96 1.40 0.00	32.05 1.50 0.00	78.05 3.66 0.00	40.20 2.83 0.00	76.26 5.18 0.00	34.80 2.55 0.00	93.46 5.98 0.00	51.00 3.31 0.00	51.35 3.61 0.00	46.46 3.12 0.00	38.78 2.84 0.00	29.16 2.36 0.00	34.56 2.69 -3.51	98.26 9.15 0.00	38.96 3.65 0.00	37.41 3.27 0.00	28.79 2.31 0.00	30.15 2.16 0.00	31.73 1.92 0.00	32.65 1.58 0.00
GLENWOOD_IC_1_G5 23712	34.16 1.82 -6.34	34.71 1.71 -7.33	34.74 1.95 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.38 1.82 0.00	78.37 3.97 0.00	40.52 3.14 0.00	77.75 5.94 -0.73	52.77 2.85 -17.68	93.97 6.49 0.00	51.25 3.56 0.00	80.98 4.05 -29.20	48.38 3.61 -1.43	41.93 3.19 -2.80	58.57 2.60 -29.17	86.01 2.94 -54.70	312.59 9.89 -213.59	284.62 3.95 -245.35	279.76 3.64 -241.99	120.71 2.59 -91.65	36.07 2.48 -5.60	36.47 2.27 -4.39	35.90 1.98 -2.85
GLENWOOD_IC_2_G1 23688	34.10 1.76 -6.34	34.65 1.66 -7.33	34.68 1.89 -2.77	34.13 1.64 -6.63	33.60 1.68 -5.36	32.30 1.75 0.00	78.23 3.83 0.00	40.43 3.05 0.00	77.58 5.78 -0.73	52.68 2.76 -17.68	93.73 6.25 0.00	51.11 3.42 0.00	80.85 3.91 -29.20	48.25 3.47 -1.43	41.82 3.08 -2.80	58.49 2.51 -29.17	85.93 2.86 -54.70	312.33 9.63 -213.60	284.52 3.84 -245.35	279.65 3.53 -241.99	120.64 2.52 -91.65	36.00 2.41 -5.60	36.40 2.20 -4.39	35.83 1.91 -2.85
GLENWOOD_IC_3_G1 23689	34.10 1.76 -6.34	34.65 1.66 -7.33	34.68 1.89 -2.77	34.13 1.64 -6.63	33.60 1.68 -5.36	32.30 1.75 0.00	78.23 3.83 0.00	40.43 3.05 0.00	77.58 5.78 -0.73	52.68 2.76 -17.68	93.73 6.25 0.00	51.11 3.42 0.00	80.85 3.91 -29.20	48.25 3.47 -1.43	41.82 3.08 -2.80	58.49 2.51 -29.17	85.93 2.86 -54.70	312.33 9.63 -213.60	284.52 3.84 -245.35	279.65 3.53 -241.99	120.64 2.52 -91.65	36.00 2.41 -5.60	36.40 2.20 -4.39	35.83 1.91 -2.85
GLENWOOD____4 23550	34.16 1.82 -6.34	34.71 1.71 -7.33	34.74 1.95 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.38 1.82 0.00	78.37 3.97 0.00	40.52 3.14 0.00	77.75 5.94 -0.73	52.77 2.85 -17.68	93.97 6.49 0.00	51.25 3.56 0.00	80.98 4.05 -29.20	48.38 3.61 -1.43	41.93 3.19 -2.80	58.57 2.60 -29.17	86.01 2.94 -54.70	312.59 9.89 -213.59	284.62 3.95 -245.35	279.76 3.64 -241.99	120.71 2.59 -91.65	36.07 2.48 -5.60	36.47 2.27 -4.39	35.90 1.98 -2.85
GLENWOOD____5 23614	34.16 1.82 -6.34	34.71 1.71 -7.33	34.74 1.95 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.38 1.82 0.00	78.37 3.97 0.00	40.52 3.14 0.00	77.75 5.94 -0.73	52.77 2.85 -17.68	93.97 6.49 0.00	51.25 3.56 0.00	80.98 4.05 -29.20	48.38 3.61 -1.43	41.93 3.19 -2.80	58.57 2.60 -29.17	86.01 2.94 -54.70	312.59 9.89 -213.59	284.62 3.95 -245.35	279.76 3.64 -241.99	120.71 2.59 -91.65	36.07 2.48 -5.60	36.47 2.27 -4.39	35.90 1.98 -2.85
GLOBAL GREEN_PORT_GT1 23814	34.60 2.26 -6.34	35.09 2.09 -7.33	35.22 2.43 -2.77	34.60 2.11 -6.63	34.12 2.20 -5.36	32.91 2.35 0.00	79.82 5.42 0.00	41.49 4.12 0.00	80.09 8.28 -0.73	53.75 3.83 -17.68	95.65 8.17 0.00	51.69 4.01 0.00	82.43 5.50 -29.20	49.78 5.01 -1.43	43.11 4.38 -2.80	59.41 3.43 -29.17	42.25 3.84 -10.05	316.65 13.95 -213.60	286.25 5.58 -245.35	281.15 5.03 -241.99	121.75 3.63 -91.65	37.20 3.62 -5.60	37.64 3.43 -4.39	37.05 3.13 -2.85
GLOBE____DSASP 323697	23.53 -2.47 0.00	23.41 -2.26 0.00	27.10 -2.91 0.00	23.38 -2.49 0.00	23.93 -2.64 0.00	27.90 -2.66 0.00	67.69 -6.71 0.00	34.14 -3.23 0.00	64.11 -6.97 0.00	28.89 -3.35 0.00	75.20 -11.38 0.90	41.45 -6.24 0.00	41.17 -6.57 0.00	37.87 -5.47 0.00	32.07 -3.87 0.00	23.85 -2.95 0.00	26.44 -2.89 -0.97	79.93 -9.18 0.00	31.80 -3.51 0.00	30.94 -3.19 0.00	23.81 -2.66 0.00	25.22 -2.77 0.00	27.27 -2.54 0.00	28.84 -2.23 0.00
GOETHSLN____LBMP 323567	27.33 1.34 0.00	26.88 1.22 0.00	31.40 1.38 0.00	27.07 1.21 0.00	27.81 1.25 0.00	31.84 1.29 0.00	77.46 3.06 0.00	39.88 2.51 0.00	75.56 4.48 0.00	-153.91 2.20 188.35	92.57 5.09 0.00	50.49 2.80 0.00	50.87 3.14 0.00	45.99 2.65 0.00	38.39 2.45 0.00	28.84 2.04 0.00	34.30 2.43 -3.51	97.40 8.30 0.00	38.64 3.32 0.00	37.08 2.94 0.00	28.55 2.08 0.00	29.92 1.93 0.00	31.47 1.66 0.00	32.40 1.33 0.00
GOLAH____69_KV_TB 1_2 80279	24.88 -1.12 0.00	24.70 -0.97 0.00	28.66 -1.36 0.00	24.70 -1.16 0.00	25.34 -1.22 0.00	29.50 -1.05 0.00	71.84 -2.56 0.00	36.51 -0.86 0.00	68.82 -2.25 0.00	30.99 -1.26 0.00	81.25 -5.09 1.15	44.76 -2.93 0.00	44.65 -3.09 0.00	40.99 -2.36 0.00	34.52 -1.42 0.00	25.64 -1.16 0.00	28.27 -0.98 -0.89	86.25 -2.85 0.00	34.23 -1.09 0.00	33.20 -0.94 0.00	25.52 -0.95 0.00	26.96 -1.03 0.00	28.87 -0.94 0.00	30.31 -0.76 0.00
GOODYEAR_LAKE_HYD 323669	26.64 0.65 0.00	26.26 0.59 0.00	30.74 0.73 0.00	26.53 0.66 0.00	27.28 0.71 0.00	31.39 0.83 0.00	76.60 2.20 0.00	38.84 1.47 0.00	73.78 2.70 0.00	33.43 1.19 0.00	90.38 2.90 0.00	49.20 1.51 0.00	49.19 1.45 0.00	44.68 1.34 0.00	37.12 1.19 0.00	27.78 0.97 0.00	30.71 1.22 -1.12	93.42 4.32 0.00	37.08 1.76 0.00	35.76 1.63 0.00	27.56 1.08 0.00	29.03 1.04 0.00	30.82 1.01 0.00	32.03 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.87 -0.12 0.00	25.61 -0.06 0.00	29.89 -0.13 0.00	25.82 -0.04 0.00	26.52 -0.04 0.00	30.52 -0.03 0.00	74.31 -0.09 0.00	37.77 0.39 0.00	71.63 0.55 0.00	32.44 0.20 0.00	87.63 0.15 0.00	47.66 -0.03 0.00	47.56 -0.18 0.00	43.17 -0.18 0.00	36.02 0.08 0.00	26.90 0.10 0.00	30.21 0.37 -1.47	90.63 1.53 0.00	35.92 0.60 0.00	34.70 0.57 0.00	26.71 0.23 0.00	28.16 0.17 0.00	29.98 0.17 0.00	31.19 0.12 0.00
GOUDEY____7 23579	25.89 -0.11 0.00	25.63 -0.04 0.00	29.91 -0.10 0.00	25.84 -0.02 0.00	26.54 -0.02 0.00	30.55 -0.01 0.00	74.36 -0.04 0.00	37.80 0.42 0.00	71.67 0.59 0.00	32.48 0.23 0.00	87.72 0.24 0.00	47.70 0.01 0.00	47.61 -0.13 0.00	43.21 -0.13 0.00	36.05 0.11 0.00	26.93 0.12 0.00	30.23 0.39 -1.47	90.72 1.62 0.00	35.96 0.64 0.00	34.73 0.59 0.00	26.73 0.25 0.00	28.18 0.19 0.00	30.01 0.19 0.00	31.21 0.15 0.00

GOUDEY___8 23580	25.87 -0.12 0.00	25.61 -0.06 0.00	29.89 -0.13 0.00	25.82 -0.04 0.00	26.52 -0.04 0.00	30.52 -0.03 0.00	74.31 -0.09 0.00	37.77 0.39 0.00	71.63 0.55 0.00	32.44 0.20 0.00	87.63 0.15 0.00	47.66 -0.03 0.00	47.56 -0.18 0.00	43.17 -0.18 0.00	36.02 0.08 0.00	26.90 0.10 0.00	30.21 0.37 -1.47	90.63 1.53 0.00	35.92 0.60 0.00	34.70 0.57 0.00	26.71 0.23 0.00	28.16 0.17 0.00	29.98 0.17 0.00	31.19 0.12 0.00
GOWANUS_GT1_1 24077	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_2 24078	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_3 24079	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_4 24080	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_5 24084	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_6 24111	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_7 24112	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT1_8 24113	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_1 24114	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_2 24115	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_3 24116	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_4 24117	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_5 24118	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_6 24119	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00

GOWANUS_GT2_7 24120	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT2_8 24121	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_1 24122	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_2 24123	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_3 24124	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_4 24125	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_5 24126	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_6 24127	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_7 24128	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT3_8 24129	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_1 24130	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_2 24131	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_3 24132	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_4 24133	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_5 24134	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00

GOWANUS_GT4_6 24135	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_7 24136	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GOWANUS_GT4_8 24137	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GREENBSH_115KV_TB3 55895	26.45 0.45 0.00	26.08 0.41 0.00	30.46 0.44 0.00	26.24 0.37 0.00	26.99 0.42 0.00	30.94 0.38 0.00	75.50 1.10 0.00	38.29 0.92 0.00	72.72 1.64 0.00	32.98 0.74 0.00	89.14 1.66 0.00	48.55 0.86 0.00	48.73 0.99 0.00	44.23 0.89 0.00	36.70 0.76 0.00	27.56 0.76 0.00	33.68 0.96 -4.35	92.11 3.01 0.00	36.47 1.16 0.00	35.24 1.10 0.00	27.25 0.78 0.00	28.66 0.67 0.00	30.23 0.42 0.00	31.27 0.20 0.00
GREENDGE_115KV_TB5 80291	25.33 -0.66 0.00	25.13 -0.54 0.00	29.19 -0.82 0.00	25.36 -0.50 0.00	26.12 -0.44 0.00	30.12 -0.43 0.00	72.99 -1.41 0.00	37.15 -0.22 0.00	70.32 -0.75 0.00	31.90 -0.35 0.00	86.79 -1.97 -1.28	46.27 -1.42 0.00	46.00 -1.74 0.00	42.08 -1.26 0.00	35.43 -0.52 0.00	26.53 -0.28 0.00	29.46 0.00 -1.09	88.75 -0.35 0.00	35.13 -0.19 0.00	34.05 -0.09 0.00	26.34 -0.14 0.00	27.80 -0.19 0.00	29.66 -0.15 0.00	30.79 -0.28 0.00
GREENIDGE___3 23582	25.33 -0.66 0.00	25.13 -0.54 0.00	29.19 -0.82 0.00	25.36 -0.50 0.00	26.12 -0.44 0.00	30.12 -0.43 0.00	72.99 -1.41 0.00	37.15 -0.22 0.00	70.32 -0.75 0.00	31.90 -0.35 0.00	86.79 -1.97 -1.28	46.27 -1.42 0.00	46.00 -1.74 0.00	42.08 -1.26 0.00	35.43 -0.52 0.00	26.53 -0.28 0.00	29.46 0.00 -1.09	88.75 -0.35 0.00	35.13 -0.19 0.00	34.05 -0.09 0.00	26.34 -0.14 0.00	27.80 -0.19 0.00	29.66 -0.15 0.00	30.79 -0.28 0.00
GREENIDGE___4 23583	25.34 -0.66 0.00	25.13 -0.54 0.00	29.19 -0.82 0.00	25.36 -0.50 0.00	26.12 -0.44 0.00	30.12 -0.43 0.00	72.99 -1.41 0.00	37.15 -0.22 0.00	70.30 -0.78 0.00	31.89 -0.36 0.00	86.83 -1.94 -1.28	46.27 -1.42 0.00	46.01 -1.73 0.00	42.08 -1.26 0.00	35.42 -0.52 0.00	26.53 -0.27 0.00	29.46 0.00 -1.09	88.75 -0.35 0.00	35.12 -0.19 0.00	34.04 -0.10 0.00	26.34 -0.13 0.00	27.81 -0.18 0.00	29.67 -0.14 0.00	30.80 -0.27 0.00
GREENLWN_69_KV_BK 3 55738	33.93 1.59 -6.34	34.49 1.50 -7.33	34.50 1.71 -2.77	33.96 1.47 -6.63	33.41 1.50 -5.36	32.00 1.45 0.00	77.30 2.90 0.00	40.02 2.64 0.00	76.85 5.04 -0.73	52.31 2.38 -17.68	92.66 5.17 0.00	50.47 2.78 0.00	80.31 3.38 -29.20	47.81 3.04 -1.43	41.40 2.66 -2.80	58.17 2.20 -29.17	85.59 2.52 -54.70	311.40 8.70 -213.59	284.12 3.45 -245.35	279.24 3.11 -241.99	120.30 2.18 -91.65	35.68 2.10 -5.60	36.07 1.87 -4.39	35.53 1.61 -2.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
GRISSOM___SOLAR 323813	27.67 1.67 0.00	27.29 1.62 0.00	31.83 1.81 0.00	27.43 1.56 0.00	28.18 1.62 0.00	32.57 2.02 0.00	79.27 4.87 0.00	39.96 2.59 0.00	75.42 4.34 0.00	33.90 1.66 0.00	92.24 4.76 0.00	50.04 2.35 0.00	50.12 2.39 0.00	45.26 1.92 0.00	38.34 2.40 0.00	28.61 1.81 0.00	36.06 2.43 -5.26	97.00 7.89 0.00	38.29 2.97 0.00	36.97 2.83 0.00	28.61 2.14 0.00	30.11 2.13 0.00	31.87 2.06 0.00	32.97 1.90 0.00
GROVEVILLE___HYD 323602	27.43 1.43 0.00	27.00 1.33 0.00	31.53 1.51 0.00	27.17 1.31 0.00	27.92 1.36 0.00	32.04 1.49 0.00	78.13 3.73 0.00	40.03 2.65 0.00	75.90 4.82 0.00	34.53 2.29 0.00	93.07 5.58 0.00	50.78 3.09 0.00	51.04 3.30 0.00	46.25 2.91 0.00	38.49 2.56 0.00	28.91 2.10 0.00	34.36 2.48 -3.51	97.37 8.27 0.00	38.60 3.29 0.00	37.15 3.01 0.00	28.60 2.13 0.00	30.00 2.02 0.00	31.60 1.79 0.00	32.59 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -0.70 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.60 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.30 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	25.69 -0.31 0.00	25.41 -0.26 0.00	29.68 -0.34 0.00	25.62 -0.25 0.00	26.32 -0.24 0.00	30.32 -0.23 0.00	73.71 -0.68 0.00	37.23 -0.15 0.00	70.68 -0.40 0.00	32.03 -0.22 0.00	86.56 -0.92 0.00	47.04 -0.65 0.00	46.99 -0.74 0.00	42.80 -0.54 0.00	35.66 -0.28 0.00	26.52 -0.29 0.00	28.98 -0.14 -0.76	88.69 -0.41 0.00	35.19 -0.13 0.00	34.00 -0.14 0.00	26.24 -0.24 0.00	27.72 -0.27 0.00	29.51 -0.31 0.00	30.90 -0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	25.39 -0.61 0.00	25.31 -0.36 0.00	29.82 -0.19 0.00	25.53 -0.34 0.00	26.17 -0.39 0.00	30.43 -0.12 0.00	74.30 -0.10 0.00	36.97 -0.40 0.00	70.55 -0.53 0.00	31.87 -0.38 0.00	86.68 -0.81 0.00	47.03 -0.66 0.00	46.65 -1.10 0.00	42.30 -1.05 0.00	34.94 -1.00 0.00	26.13 -0.67 0.00	28.11 -0.44 -0.18	88.41 -0.70 0.00	34.92 -0.40 0.00	33.83 -0.30 0.00	26.17 -0.31 0.00	27.74 -0.25 0.00	29.70 -0.11 0.00	31.17 0.10 0.00
HARDSCRABBLE_WT_PWR 323673	26.33 0.34 0.00	25.84 0.17 0.00	29.99 -0.03 0.00	25.90 0.04 0.00	26.73 0.17 0.00	30.71 0.16 0.00	75.16 0.76 0.00	38.33 0.96 0.00	72.35 1.27 0.00	32.66 0.42 0.00	88.09 0.61 0.00	47.89 0.20 0.00	47.99 0.25 0.00	43.36 0.01 0.00	36.27 0.33 0.00	27.23 0.42 0.00	29.28 0.82 -0.09	92.33 3.22 0.00	36.39 1.07 0.00	35.06 0.92 0.00	27.18 0.70 0.00	28.45 0.47 0.00	30.27 0.46 0.00	31.18 0.11 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.19 1.20 0.00	26.78 1.10 0.00	31.29 1.27 0.00	26.97 1.11 0.00	27.72 1.15 0.00	31.79 1.23 0.00	77.47 3.07 0.00	39.65 2.27 0.00	75.13 4.05 0.00	34.22 1.98 0.00	92.27 4.79 0.00	50.37 2.69 0.00	50.64 2.91 0.00	45.88 2.53 0.00	38.21 2.27 0.00	28.67 1.87 0.00	33.84 2.21 -3.27	96.57 7.46 0.00	38.31 2.99 0.00	36.86 2.73 0.00	28.36 1.89 0.00	29.77 1.78 0.00	31.37 1.56 0.00	32.38 1.31 0.00
HARSNRAD_115KV_TB1 81005	23.92 -2.07 0.00	23.80 -1.87 0.00	27.56 -2.45 0.00	23.81 -2.06 0.00	24.38 -2.18 0.00	28.41 -2.14 0.00	69.00 -5.40 0.00	35.05 -2.33 0.00	65.95 -5.13 0.00	29.68 -2.56 0.00	77.39 -9.17 0.92	42.59 -5.09 0.00	42.36 -5.38 0.00	38.96 -4.38 0.00	32.98 -2.96 0.00	24.50 -2.30 0.00	27.14 -2.18 -0.96	82.31 -6.79 0.00	32.74 -2.57 0.00	31.84 -2.29 0.00	24.48 -2.00 0.00	25.91 -2.08 0.00	27.89 -1.92 0.00	29.40 -1.67 0.00
HARZA MOOSE__RIVER 24016	25.63 -0.37 0.00	25.59 -0.08 0.00	30.12 0.10 0.00	25.78 -0.09 0.00	26.47 -0.09 0.00	30.78 0.22 0.00	75.15 0.75 0.00	37.69 0.31 0.00	71.91 0.83 0.00	32.48 0.23 0.00	87.83 0.34 0.00	47.49 -0.20 0.00	47.02 -0.72 0.00	42.67 -0.66 0.00	35.48 -0.46 0.00	26.59 -0.21 0.00	28.82 0.22 -0.24	90.80 1.70 0.00	35.87 0.55 0.00	34.70 0.57 0.00	26.73 0.26 0.00	28.15 0.16 0.00	29.96 0.15 0.00	31.44 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.59 -0.41 0.00	25.29 -0.38 0.00	29.54 -0.48 0.00	25.47 -0.39 0.00	26.17 -0.39 0.00	30.13 -0.43 0.00	73.28 -1.12 0.00	36.98 -0.39 0.00	70.27 -0.80 0.00	31.86 -0.38 0.00	86.06 -1.42 0.00	46.79 -0.90 0.00	46.80 -0.93 0.00	42.57 -0.77 0.00	35.41 -0.53 0.00	26.35 -0.45 0.00	28.69 -0.36 -0.69	87.88 -1.22 0.00	34.83 -0.49 0.00	33.66 -0.47 0.00	26.04 -0.44 0.00	27.50 -0.49 0.00	29.31 -0.50 0.00	30.69 -0.38 0.00
HELLGATE_13_KV_LD 55870	27.38 1.38 0.00	26.93 1.26 0.00	31.44 1.43 0.00	27.12 1.25 0.00	27.86 1.30 0.00	31.93 1.37 0.00	77.74 3.34 0.00	40.03 2.66 0.00	75.90 4.82 0.00	34.64 2.39 0.00	93.03 5.55 0.00	50.76 3.07 0.00	51.11 3.37 0.00	46.23 2.89 0.00	38.60 2.66 0.00	29.02 2.22 0.00	34.40 2.53 -3.51	97.79 8.69 0.00	38.77 3.45 0.00	37.22 3.08 0.00	28.65 2.18 0.00	30.01 2.02 0.00	31.58 1.77 0.00	32.51 1.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.38 1.38 0.00	26.93 1.26 0.00	31.44 1.43 0.00	27.12 1.25 0.00	27.86 1.30 0.00	31.93 1.37 0.00	77.74 3.34 0.00	40.03 2.66 0.00	75.90 4.82 0.00	34.64 2.39 0.00	93.03 5.55 0.00	50.76 3.07 0.00	51.11 3.37 0.00	46.23 2.89 0.00	38.60 2.66 0.00	29.02 2.22 0.00	34.40 2.53 -3.51	97.79 8.69 0.00	38.77 3.45 0.00	37.22 3.08 0.00	28.65 2.18 0.00	30.01 2.02 0.00	31.58 1.77 0.00	32.51 1.44 0.00
HEMPSTEAD____ 23647	34.04 1.71 -6.34	34.60 1.60 -7.33	34.61 1.82 -2.77	34.07 1.58 -6.63	33.54 1.62 -5.36	32.23 1.68 0.00	77.96 3.56 0.00	40.32 2.94 0.00	77.37 5.56 -0.73	52.61 2.69 -17.68	93.48 6.00 0.00	50.99 3.30 0.00	80.74 3.81 -29.20	48.16 3.39 -1.43	41.75 3.01 -2.80	58.43 2.46 -29.17	85.83 2.76 -54.70	312.05 9.35 -213.59	284.40 3.73 -245.35	279.57 3.45 -241.99	120.58 2.46 -91.65	35.93 2.35 -5.60	36.32 2.12 -4.39	35.75 1.83 -2.85
HEWLETT__69_KV_BK3 55828	34.26 1.92 -6.34	34.81 1.82 -7.33	34.86 2.07 -2.77	34.29 1.80 -6.63	33.76 1.84 -5.36	32.50 1.94 0.00	78.38 3.99 0.00	40.63 3.25 0.00	78.01 6.20 -0.73	52.91 2.99 -17.68	94.01 6.52 0.00	51.24 3.55 0.00	81.02 4.08 -29.20	48.41 3.63 -1.43	41.98 3.25 -2.80	58.61 2.63 -29.17	86.04 2.97 -54.70	312.74 10.04 -213.59	284.65 3.99 -245.35	279.84 3.71 -241.99	120.78 2.67 -91.65	36.16 2.57 -5.60	36.64 2.44 -4.39	36.06 2.15 -2.85
HICKLING__1 23621	25.30 -0.70 0.00	25.15 -0.52 0.00	29.32 -0.70 0.00	25.43 -0.43 0.00	26.13 -0.43 0.00	30.16 -0.39 0.00	73.38 -1.02 0.00	37.49 0.12 0.00	71.08 0.00 0.00	32.20 -0.04 0.00	86.74 -0.83 -0.09	46.92 -0.78 0.00	46.60 -1.14 0.00	42.46 -0.88 0.00	35.76 -0.18 0.00	26.64 -0.16 0.00	29.83 0.20 -1.27	90.27 1.16 0.00	35.69 0.37 0.00	34.53 0.39 0.00	26.49 0.01 0.00	27.98 -0.01 0.00	29.93 0.11 0.00	31.11 0.04 0.00
HICKLING__2 23622	25.30 -0.70 0.00	25.15 -0.52 0.00	29.32 -0.70 0.00	25.43 -0.43 0.00	26.13 -0.43 0.00	30.16 -0.39 0.00	73.38 -1.02 0.00	37.49 0.12 0.00	71.08 0.00 0.00	32.20 -0.04 0.00	86.74 -0.83 -0.09	46.92 -0.78 0.00	46.60 -1.14 0.00	42.46 -0.88 0.00	35.76 -0.18 0.00	26.64 -0.16 0.00	29.83 0.20 -1.27	90.27 1.16 0.00	35.69 0.37 0.00	34.53 0.39 0.00	26.49 0.01 0.00	27.98 -0.01 0.00	29.93 0.11 0.00	31.11 0.04 0.00
HIGH FALLS__HY 23754	27.39 1.40 0.00	26.97 1.30 0.00	31.51 1.50 0.00	27.15 1.28 0.00	27.89 1.33 0.00	32.00 1.45 0.00	78.04 3.64 0.00	40.01 2.64 0.00	75.82 4.74 0.00	34.53 2.29 0.00	93.04 5.55 0.00	50.74 3.05 0.00	51.03 3.29 0.00	46.24 2.90 0.00	38.52 2.58 0.00	28.83 2.02 0.00	34.28 2.45 -3.46	97.46 8.35 0.00	38.71 3.39 0.00	37.21 3.07 0.00	28.63 2.15 0.00	30.05 2.06 0.00	31.67 1.86 0.00	32.67 1.60 0.00
HILLBURN__GT 23639	27.18 1.19 0.00	26.76 1.09 0.00	31.28 1.26 0.00	26.97 1.10 0.00	27.71 1.15 0.00	31.76 1.21 0.00	77.39 3.00 0.00	39.65 2.27 0.00	75.11 4.03 0.00	34.22 1.98 0.00	92.17 4.69 0.00	50.32 2.63 0.00	50.62 2.88 0.00	45.83 2.49 0.00	38.20 2.26 0.00	28.67 1.86 0.00	33.89 2.21 -3.32	96.46 7.36 0.00	38.31 2.99 0.00	36.87 2.73 0.00	28.36 1.88 0.00	29.75 1.76 0.00	31.34 1.53 0.00	32.33 1.26 0.00
HILLSIDE_115KV_TB1 80332	25.30 -0.69 0.00	25.13 -0.54 0.00	29.28 -0.74 0.00	25.38 -0.49 0.00	26.06 -0.50 0.00	30.02 -0.54 0.00	72.98 -1.42 0.00	37.25 -0.13 0.00	70.59 -0.49 0.00	31.97 -0.27 0.00	86.33 -1.23 -0.08	46.81 -0.88 0.00	46.56 -1.18 0.00	42.32 -1.02 0.00	35.50 -0.44 0.00	26.47 -0.34 0.00	29.66 0.00 -1.30	89.58 0.47 0.00	35.47 0.16 0.00	34.31 0.18 0.00	26.33 -0.15 0.00	27.79 -0.20 0.00	29.68 -0.13 0.00	30.84 -0.24 0.00
HISHELDN_WT_PWR 323625	23.90 -2.09 0.00	23.84 -1.82 0.00	27.76 -2.25 0.00	24.04 -1.82 0.00	24.69 -1.87 0.00	28.71 -1.84 0.00	69.75 -4.65 0.00	35.65 -1.72 0.00	67.25 -3.82 0.00	30.40 -1.84 0.00	80.12 -6.75 0.62	43.49 -4.20 0.00	43.29 -4.45 0.00	39.90 -3.44 0.00	33.78 -2.16 0.00	25.06 -1.75 0.00	27.82 -1.59 -1.05	84.57 -4.53 0.00	33.55 -1.77 0.00	32.59 -1.55 0.00	25.04 -1.43 0.00	26.59 -1.40 0.00	28.58 -1.23 0.00	30.00 -1.07 0.00
HOLTSVILLE_IC_1 23690	34.16 1.83 -6.34	34.71 1.71 -7.33	34.76 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.16 3.76 0.00	40.51 3.14 0.00	77.89 6.08 -0.73	52.75 2.82 -17.68	93.63 6.16 0.00	50.93 3.24 0.00	80.92 3.98 -29.20	48.33 3.56 -1.43	41.91 3.17 -2.80	58.56 2.58 -29.17	86.01 2.94 -54.70	312.91 10.21 -213.60	284.71 4.04 -245.35	279.73 3.60 -241.99	120.69 2.57 -91.65	36.11 2.53 -5.60	36.53 2.33 -4.39	35.98 2.06 -2.85

HOLTSVILLE_IC_10 23699	34.23 1.89 -6.34	34.75 1.76 -7.33	34.81 2.02 -2.77	34.24 1.74 -6.63	33.71 1.80 -5.36	32.39 1.84 0.00	78.38 3.98 0.00	40.66 3.28 0.00	78.23 6.42 -0.73	52.90 2.98 -17.68	93.96 6.48 0.00	51.06 3.37 0.00	81.17 4.23 -29.20	48.56 3.78 -1.43	42.10 3.36 -2.80	58.70 2.72 -29.17	88.92 3.08 -57.47	313.50 10.81 -213.60	284.95 4.27 -245.35	279.94 3.82 -241.99	120.85 2.73 -91.65	36.27 2.68 -5.60	36.68 2.48 -4.39	36.12 2.20 -2.85
HOLTSVILLE_IC_2 23691	34.16 1.83 -6.34	34.71 1.71 -7.33	34.76 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.16 3.76 0.00	40.51 3.14 0.00	77.89 6.08 -0.73	52.75 2.82 -17.68	93.63 6.16 0.00	50.93 3.24 0.00	80.92 3.98 -29.20	48.33 3.56 -1.43	41.91 3.17 -2.80	58.56 2.58 -29.17	86.01 2.94 -54.70	312.91 10.21 -213.60	284.71 4.04 -245.35	279.73 3.60 -241.99	120.69 2.57 -91.65	36.11 2.53 -5.60	36.53 2.33 -4.39	35.98 2.06 -2.85
HOLTSVILLE_IC_3 23692	34.16 1.83 -6.34	34.71 1.71 -7.33	34.76 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.16 3.76 0.00	40.51 3.14 0.00	77.89 6.08 -0.73	52.75 2.82 -17.68	93.63 6.16 0.00	50.93 3.24 0.00	80.92 3.98 -29.20	48.33 3.56 -1.43	41.91 3.17 -2.80	58.56 2.58 -29.17	86.01 2.94 -54.70	312.91 10.21 -213.60	284.71 4.04 -245.35	279.73 3.60 -241.99	120.69 2.57 -91.65	36.11 2.53 -5.60	36.53 2.33 -4.39	35.98 2.06 -2.85
HOLTSVILLE_IC_4 23693	34.16 1.83 -6.34	34.71 1.71 -7.33	34.76 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.16 3.76 0.00	40.51 3.14 0.00	77.89 6.08 -0.73	52.75 2.82 -17.68	93.63 6.16 0.00	50.93 3.24 0.00	80.92 3.98 -29.20	48.33 3.56 -1.43	41.91 3.17 -2.80	58.56 2.58 -29.17	86.01 2.94 -54.70	312.91 10.21 -213.60	284.71 4.04 -245.35	279.73 3.60 -241.99	120.69 2.57 -91.65	36.11 2.53 -5.60	36.53 2.33 -4.39	35.98 2.06 -2.85
HOLTSVILLE_IC_5 23694	34.16 1.83 -6.34	34.71 1.71 -7.33	34.76 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.16 3.76 0.00	40.51 3.14 0.00	77.89 6.08 -0.73	52.75 2.82 -17.68	93.63 6.16 0.00	50.93 3.24 0.00	80.92 3.98 -29.20	48.33 3.56 -1.43	41.91 3.17 -2.80	58.56 2.58 -29.17	86.01 2.94 -54.70	312.91 10.21 -213.60	284.71 4.04 -245.35	279.73 3.60 -241.99	120.69 2.57 -91.65	36.11 2.53 -5.60	36.53 2.33 -4.39	35.98 2.06 -2.85
HOLTSVILLE_IC_6 23695	34.23 1.89 -6.34	34.75 1.76 -7.33	34.81 2.02 -2.77	34.24 1.74 -6.63	33.71 1.80 -5.36	32.39 1.84 0.00	78.38 3.98 0.00	40.66 3.28 0.00	78.23 6.42 -0.73	52.90 2.98 -17.68	93.96 6.48 0.00	51.06 3.37 0.00	81.17 4.23 -29.20	48.56 3.78 -1.43	42.10 3.36 -2.80	58.70 2.72 -29.17	88.92 3.08 -57.47	313.50 10.81 -213.60	284.95 4.27 -245.35	279.94 3.82 -241.99	120.85 2.73 -91.65	36.27 2.68 -5.60	36.68 2.48 -4.39	36.12 2.20 -2.85
HOLTSVILLE_IC_7 23696	34.23 1.89 -6.34	34.75 1.76 -7.33	34.81 2.02 -2.77	34.24 1.74 -6.63	33.71 1.80 -5.36	32.39 1.84 0.00	78.38 3.98 0.00	40.66 3.28 0.00	78.23 6.42 -0.73	52.90 2.98 -17.68	93.96 6.48 0.00	51.06 3.37 0.00	81.17 4.23 -29.20	48.56 3.78 -1.43	42.10 3.36 -2.80	58.70 2.72 -29.17	88.92 3.08 -57.47	313.50 10.81 -213.60	284.95 4.27 -245.35	279.94 3.82 -241.99	120.85 2.73 -91.65	36.27 2.68 -5.60	36.68 2.48 -4.39	36.12 2.20 -2.85
HOLTSVILLE_IC_8 23697	34.23 1.89 -6.34	34.75 1.76 -7.33	34.81 2.02 -2.77	34.24 1.74 -6.63	33.71 1.80 -5.36	32.39 1.84 0.00	78.38 3.98 0.00	40.66 3.28 0.00	78.23 6.42 -0.73	52.90 2.98 -17.68	93.96 6.48 0.00	51.06 3.37 0.00	81.17 4.23 -29.20	48.56 3.78 -1.43	42.10 3.36 -2.80	58.70 2.72 -29.17	88.92 3.08 -57.47	313.50 10.81 -213.60	284.95 4.27 -245.35	279.94 3.82 -241.99	120.85 2.73 -91.65	36.27 2.68 -5.60	36.68 2.48 -4.39	36.12 2.20 -2.85
HOLTSVILLE_IC_9 23698	34.23 1.89 -6.34	34.75 1.76 -7.33	34.81 2.02 -2.77	34.24 1.74 -6.63	33.71 1.80 -5.36	32.39 1.84 0.00	78.38 3.98 0.00	40.66 3.28 0.00	78.23 6.42 -0.73	52.90 2.98 -17.68	93.96 6.48 0.00	51.06 3.37 0.00	81.17 4.23 -29.20	48.56 3.78 -1.43	42.10 3.36 -2.80	58.70 2.72 -29.17	88.92 3.08 -57.47	313.50 10.81 -213.60	284.95 4.27 -245.35	279.94 3.82 -241.99	120.85 2.73 -91.65	36.27 2.68 -5.60	36.68 2.48 -4.39	36.12 2.20 -2.85
HOMER_HL_115KV_TB2 355744	25.53 -0.46 0.00	25.41 -0.26 0.00	29.52 -0.50 0.00	25.49 -0.37 0.00	26.20 -0.36 0.00	30.34 -0.21 0.00	73.52 -0.88 0.00	37.67 0.30 0.00	70.90 -0.17 0.00	31.96 -0.28 0.00	84.79 -1.98 0.71	46.36 -1.33 0.00	46.09 -1.64 0.00	42.01 -1.33 0.00	35.35 -0.59 0.00	26.25 -0.55 0.00	29.10 -0.32 -1.05	89.06 -0.04 0.00	35.33 0.01 0.00	34.33 0.19 0.00	26.30 -0.18 0.00	27.83 -0.16 0.00	29.81 0.00 0.00	31.18 0.11 0.00
HOWARD_WT_PWR 323690	23.38 -2.61 0.00	23.39 -2.28 0.00	27.74 -2.27 0.00	24.29 -1.57 0.00	25.06 -1.50 0.00	29.03 -1.52 0.00	70.33 -4.07 0.00	36.15 -1.23 0.00	68.71 -2.37 0.00	31.22 -1.02 0.00	83.53 -4.06 -0.10	44.46 -3.23 0.00	43.94 -3.80 0.00	40.30 -3.04 0.00	34.38 -1.56 0.00	25.60 -1.21 0.00	28.67 -0.84 -1.15	87.07 -2.03 0.00	33.83 -1.49 0.00	33.16 -0.98 0.00	25.50 -0.97 0.00	27.24 -0.75 0.00	29.39 -0.42 0.00	30.66 -0.41 0.00
HQ_GEN_CEDARS 23644	26.17 0.17 0.00	25.85 0.18 0.00	30.31 0.29 0.00	26.08 0.22 0.00	26.74 0.17 0.00	30.85 0.30 0.00	75.25 0.85 0.00	37.32 -0.06 0.00	71.01 -0.06 0.00	32.24 -0.01 0.00	88.14 0.66 0.00	48.19 0.50 0.00	48.14 0.41 0.00	43.69 0.35 0.00	36.00 0.07 0.00	26.80 -0.01 0.00	28.17 -0.20 0.00	88.34 -0.77 0.00	34.98 -0.33 0.00	33.91 -0.23 0.00	26.41 -0.06 0.00	28.12 0.13 0.00	30.14 0.33 0.00	31.45 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	26.17 0.17 0.00	25.85 0.18 0.00	30.30 0.29 0.00	26.08 0.22 0.00	26.74 0.17 0.00	30.85 0.30 0.00	75.25 0.85 0.00	37.32 -0.06 0.00	71.01 -0.06 0.00	32.24 -0.01 0.00	88.14 0.66 0.00	48.19 0.50 0.00	48.14 0.41 0.00	43.69 0.35 0.00	36.00 0.07 0.00	35.18 -0.01 -8.38	28.17 -0.20 0.00	91.45 -0.77 -3.11	34.98 -0.34 0.00	33.91 -0.23 0.00	26.41 -0.06 0.00	28.11 0.12 0.00	30.14 0.33 0.00	31.45 0.38 0.00
HQ_GEN_IMPORT 323601	26.05 0.05 0.00	25.72 0.05 0.00	30.11 0.09 0.00	25.94 0.07 0.00	26.60 0.04 0.00	31.83 0.09 -1.19	74.65 0.25 0.00	37.13 -0.24 0.00	70.74 -0.34 0.00	32.11 -0.13 0.00	87.62 0.14 0.00	47.86 0.17 0.00	47.88 0.13 0.00	43.46 0.11 0.00	35.92 -0.02 0.00	26.73 -0.08 0.00	28.97 -0.27 -0.88	88.08 -1.02 0.00	34.91 -0.40 0.00	33.80 -0.34 0.00	26.33 -0.15 0.00	27.97 -0.02 0.00	29.91 0.10 0.00	31.19 0.12 0.00
HQ_GEN_WHEEL 23651	26.05 0.05 0.00	25.72 0.05 0.00	30.11 0.09 0.00	25.94 0.07 0.00	26.60 0.04 0.00	31.83 0.09 -1.19	74.65 0.25 0.00	37.13 -0.24 0.00	70.74 -0.34 0.00	32.11 -0.13 0.00	87.62 0.14 0.00	47.86 0.17 0.00	47.88 0.13 0.00	43.46 0.11 0.00	35.92 -0.02 0.00	26.73 -0.08 0.00	28.97 -0.27 -0.88	88.08 -1.02 0.00	34.91 -0.40 0.00	33.80 -0.34 0.00	26.33 -0.15 0.00	27.97 -0.02 0.00	29.91 0.10 0.00	31.19 0.12 0.00

HUDSON AVE_GT_3 23810	27.46 1.46 0.00	27.01 1.34 0.00	31.54 1.52 0.00	27.18 1.32 0.00	27.93 1.37 0.00	32.01 1.46 0.00	77.89 3.49 0.00	40.12 2.74 0.00	76.06 4.98 0.00	34.69 2.45 0.00	93.26 5.77 0.00	50.86 3.18 0.00	51.23 3.49 0.00	46.33 2.99 0.00	38.65 2.72 0.00	29.07 2.26 0.00	34.49 2.62 -3.51	98.02 8.92 0.00	38.88 3.56 0.00	37.32 3.18 0.00	28.72 2.25 0.00	30.09 2.11 0.00	31.67 1.86 0.00	32.60 1.53 0.00
HUDSON AVE_GT_4 23540	27.46 1.46 0.00	27.01 1.34 0.00	31.54 1.52 0.00	27.18 1.32 0.00	27.93 1.37 0.00	32.01 1.46 0.00	77.89 3.49 0.00	40.12 2.74 0.00	76.06 4.98 0.00	34.69 2.45 0.00	93.26 5.77 0.00	50.86 3.18 0.00	51.23 3.49 0.00	46.33 2.99 0.00	38.65 2.72 0.00	29.07 2.26 0.00	34.49 2.62 -3.51	98.02 8.92 0.00	38.88 3.56 0.00	37.32 3.18 0.00	28.72 2.25 0.00	30.09 2.11 0.00	31.67 1.86 0.00	32.60 1.53 0.00
HUDSON AVE_GT_5 23657	27.46 1.46 0.00	27.01 1.34 0.00	31.54 1.52 0.00	27.18 1.32 0.00	27.93 1.37 0.00	32.01 1.46 0.00	77.89 3.49 0.00	40.12 2.74 0.00	76.06 4.98 0.00	34.69 2.45 0.00	93.26 5.77 0.00	50.86 3.18 0.00	51.23 3.49 0.00	46.33 2.99 0.00	38.65 2.72 0.00	29.07 2.26 0.00	34.49 2.62 -3.51	98.02 8.92 0.00	38.88 3.56 0.00	37.32 3.18 0.00	28.72 2.25 0.00	30.09 2.11 0.00	31.67 1.86 0.00	32.60 1.53 0.00
HUDSON_AVE_10 24168	27.34 1.35 0.00	26.90 1.23 0.00	31.40 1.38 0.00	27.06 1.20 0.00	27.81 1.25 0.00	31.87 1.32 0.00	77.59 3.19 0.00	39.96 2.58 0.00	75.81 4.74 0.00	34.57 2.33 0.00	92.98 5.50 0.00	50.69 3.01 0.00	51.06 3.32 0.00	46.16 2.82 0.00	38.53 2.59 0.00	28.98 2.17 0.00	34.39 2.52 -3.51	97.75 8.65 0.00	38.76 3.45 0.00	37.20 3.06 0.00	28.63 2.15 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.48 1.41 0.00
HUDSON___115KV_TB 4 355613	27.19 1.19 0.00	26.82 1.15 0.00	31.32 1.30 0.00	26.99 1.12 0.00	27.79 1.23 0.00	31.92 1.36 0.00	77.89 3.49 0.00	39.53 2.16 0.00	75.06 3.99 0.00	34.02 1.77 0.00	92.01 4.53 0.00	49.99 2.30 0.00	50.12 2.38 0.00	45.51 2.17 0.00	37.80 1.86 0.00	28.23 1.43 0.00	34.46 1.89 -4.20	95.33 6.22 0.00	37.74 2.42 0.00	36.45 2.31 0.00	28.17 1.70 0.00	29.58 1.59 0.00	31.14 1.33 0.00	32.20 1.13 0.00
HUNTER MOUNT___DRP 323613	27.34 1.34 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.13 1.27 0.00	27.94 1.38 0.00	32.12 1.56 0.00	78.44 4.04 0.00	39.78 2.41 0.00	75.55 4.48 0.00	34.21 1.97 0.00	92.54 5.06 0.00	50.26 2.57 0.00	50.36 2.62 0.00	45.74 2.40 0.00	37.95 2.01 0.00	28.31 1.51 0.00	34.48 2.03 -4.08	95.86 6.76 0.00	37.93 2.62 0.00	36.64 2.51 0.00	28.33 1.86 0.00	29.75 1.76 0.00	31.32 1.51 0.00	32.38 1.31 0.00
HUNTINGTON_RES_REC 323705	34.01 1.67 -6.34	34.56 1.57 -7.33	34.59 1.79 -2.77	34.04 1.54 -6.63	33.49 1.57 -5.36	32.10 1.55 0.00	77.59 3.19 0.00	40.20 2.83 0.00	77.31 5.50 -0.73	52.50 2.58 -17.68	93.07 5.59 0.00	50.66 2.98 0.00	80.58 3.65 -29.20	48.06 3.29 -1.43	41.63 2.89 -2.80	58.36 2.38 -29.17	85.81 2.74 -54.70	312.21 9.51 -213.60	284.43 3.76 -245.35	279.48 3.36 -241.99	120.49 2.37 -91.65	35.88 2.29 -5.60	36.27 2.07 -4.39	35.73 1.80 -2.85
HUNTLEY___63 23557	24.14 -1.85 0.00	24.03 -1.64 0.00	27.85 -2.17 0.00	24.03 -1.83 0.00	24.61 -1.95 0.00	28.69 -1.86 0.00	69.70 -4.70 0.00	35.36 -2.02 0.00	66.56 -4.52 0.00	29.97 -2.27 0.00	78.27 -8.34 0.88	43.04 -4.65 0.00	42.79 -4.94 0.00	39.36 -3.99 0.00	33.28 -2.66 0.00	24.73 -2.08 0.00	27.41 -1.94 -0.98	83.12 -5.99 0.00	33.06 -2.26 0.00	32.14 -1.99 0.00	24.71 -1.77 0.00	26.15 -1.84 0.00	28.17 -1.64 0.00	29.69 -1.38 0.00
HUNTLEY___64 23558	24.14 -1.85 0.00	24.03 -1.64 0.00	27.85 -2.17 0.00	24.03 -1.83 0.00	24.61 -1.95 0.00	28.69 -1.86 0.00	69.70 -4.70 0.00	35.36 -2.02 0.00	66.56 -4.52 0.00	29.97 -2.27 0.00	78.27 -8.34 0.88	43.04 -4.65 0.00	42.79 -4.94 0.00	39.36 -3.99 0.00	33.28 -2.66 0.00	24.73 -2.08 0.00	27.41 -1.94 -0.98	83.12 -5.99 0.00	33.06 -2.26 0.00	32.14 -1.99 0.00	24.71 -1.77 0.00	26.15 -1.84 0.00	28.17 -1.64 0.00	29.69 -1.38 0.00
HUNTLEY___65 23559	24.14 -1.85 0.00	24.03 -1.64 0.00	27.85 -2.17 0.00	24.03 -1.83 0.00	24.61 -1.95 0.00	28.69 -1.86 0.00	69.70 -4.70 0.00	35.36 -2.02 0.00	66.56 -4.52 0.00	29.97 -2.27 0.00	78.27 -8.34 0.88	43.04 -4.65 0.00	42.79 -4.94 0.00	39.36 -3.99 0.00	33.28 -2.66 0.00	24.73 -2.08 0.00	27.41 -1.94 -0.98	83.12 -5.99 0.00	33.06 -2.26 0.00	32.14 -1.99 0.00	24.71 -1.77 0.00	26.15 -1.84 0.00	28.17 -1.64 0.00	29.69 -1.38 0.00
HUNTLEY___66 23560	24.14 -1.85 0.00	24.03 -1.64 0.00	27.85 -2.17 0.00	24.03 -1.83 0.00	24.61 -1.95 0.00	28.69 -1.86 0.00	69.70 -4.70 0.00	35.36 -2.02 0.00	66.56 -4.52 0.00	29.97 -2.27 0.00	78.27 -8.34 0.88	43.04 -4.65 0.00	42.79 -4.94 0.00	39.36 -3.99 0.00	33.28 -2.66 0.00	24.73 -2.08 0.00	27.41 -1.94 -0.98	83.12 -5.99 0.00	33.06 -2.26 0.00	32.14 -1.99 0.00	24.71 -1.77 0.00	26.15 -1.84 0.00	28.17 -1.64 0.00	29.69 -1.38 0.00
HUNTLEY___67 23561	24.01 -1.99 0.00	23.89 -1.78 0.00	27.69 -2.33 0.00	23.90 -1.96 0.00	24.48 -2.08 0.00	28.54 -2.02 0.00	69.30 -5.10 0.00	35.24 -2.14 0.00	66.35 -4.73 0.00	29.87 -2.37 0.00	78.12 -8.51 0.85	42.95 -4.74 0.00	42.68 -5.05 0.00	39.22 -4.12 0.00	33.16 -2.78 0.00	24.62 -2.18 0.00	27.30 -2.05 -0.99	82.85 -6.25 0.00	32.93 -2.38 0.00	32.03 -2.10 0.00	24.61 -1.86 0.00	26.06 -1.93 0.00	28.05 -1.77 0.00	29.54 -1.53 0.00
HUNTLEY___68 23562	24.01 -1.99 0.00	23.89 -1.78 0.00	27.69 -2.33 0.00	23.90 -1.96 0.00	24.48 -2.08 0.00	28.54 -2.02 0.00	69.30 -5.10 0.00	35.24 -2.14 0.00	66.35 -4.73 0.00	29.87 -2.37 0.00	78.12 -8.51 0.85	42.95 -4.74 0.00	42.68 -5.05 0.00	39.22 -4.12 0.00	33.16 -2.78 0.00	24.62 -2.18 0.00	27.30 -2.05 -0.99	82.85 -6.25 0.00	32.93 -2.38 0.00	32.03 -2.10 0.00	24.61 -1.86 0.00	26.06 -1.93 0.00	28.05 -1.77 0.00	29.54 -1.53 0.00
HYLAND___LFGF 323620	25.26 -0.73 0.00	25.11 -0.56 0.00	29.31 -0.71 0.00	25.41 -0.45 0.00	26.09 -0.47 0.00	30.39 -0.17 0.00	74.13 -0.27 0.00	37.95 0.57 0.00	71.21 0.13 0.00	32.02 -0.22 0.00	83.94 -3.07 0.47	44.97 -2.72 0.00	44.76 -2.98 0.00	41.63 -1.72 0.00	35.15 -0.79 0.00	26.24 -0.56 0.00	29.42 0.02 -1.03	90.39 1.29 0.00	35.77 0.45 0.00	34.74 0.60 0.00	26.69 0.22 0.00	28.22 0.23 0.00	30.20 0.39 0.00	31.56 0.49 0.00
INDECK___CORINTH 23802	26.90 0.90 0.00	26.48 0.81 0.00	30.85 0.83 0.00	26.58 0.72 0.00	27.45 0.88 0.00	31.70 1.15 0.00	77.19 2.79 0.00	39.09 1.71 0.00	74.31 3.24 0.00	33.62 1.38 0.00	91.09 3.61 0.00	49.46 1.77 0.00	49.82 2.08 0.00	44.87 1.53 0.00	37.09 1.15 0.00	27.80 1.00 0.00	34.07 1.19 -4.52	92.45 3.34 0.00	36.66 1.34 0.00	35.50 1.36 0.00	27.48 1.01 0.00	28.81 0.82 0.00	30.68 0.87 0.00	31.77 0.70 0.00

INDECK___ILION 23567	26.27 0.27 0.00	25.89 0.23 0.00	30.20 0.18 0.00	26.04 0.18 0.00	26.81 0.25 0.00	30.81 0.26 0.00	75.19 0.79 0.00	38.10 0.73 0.00	72.20 1.12 0.00	32.67 0.43 0.00	88.43 0.95 0.00	48.13 0.44 0.00	48.19 0.45 0.00	43.64 0.30 0.00	36.36 0.42 0.00	27.23 0.42 0.00	29.11 0.65 -0.09	91.49 2.38 0.00	36.19 0.87 0.00	34.92 0.78 0.00	27.04 0.56 0.00	28.43 0.44 0.00	30.19 0.38 0.00	31.27 0.20 0.00
INDECK___OLEAN 23982	25.53 -0.47 0.00	25.41 -0.26 0.00	29.52 -0.50 0.00	25.49 -0.37 0.00	26.20 -0.36 0.00	30.34 -0.21 0.00	73.52 -0.88 0.00	37.67 0.30 0.00	70.83 -0.25 0.00	31.96 -0.28 0.00	84.88 -1.90 0.71	46.37 -1.32 0.00	46.10 -1.64 0.00	42.01 -1.33 0.00	35.35 -0.58 0.00	26.26 -0.54 0.00	29.09 -0.32 -1.05	89.06 -0.04 0.00	35.32 0.00 0.00	34.33 0.19 0.00	26.31 -0.17 0.00	27.85 -0.14 0.00	29.81 0.00 0.00	31.18 0.11 0.00
INDECK___OSWEGO 23783	25.29 -0.71 0.00	25.01 -0.66 0.00	29.24 -0.78 0.00	25.19 -0.68 0.00	25.87 -0.69 0.00	29.80 -0.76 0.00	72.38 -2.02 0.00	36.45 -0.92 0.00	69.30 -1.78 0.00	31.39 -0.85 0.00	84.86 -2.62 0.00	46.13 -1.56 0.00	46.12 -1.61 0.00	41.93 -1.41 0.00	34.84 -1.10 0.00	25.93 -0.87 0.00	28.23 -0.75 -0.61	86.79 -2.31 0.00	34.40 -0.92 0.00	33.22 -0.92 0.00	25.69 -0.78 0.00	27.12 -0.87 0.00	28.92 -0.90 0.00	30.36 -0.71 0.00
INDECK___YERKES 23781	24.17 -1.83 0.00	24.06 -1.61 0.00	27.88 -2.14 0.00	24.05 -1.81 0.00	24.64 -1.93 0.00	28.72 -1.83 0.00	69.78 -4.62 0.00	35.40 -1.98 0.00	66.53 -4.54 0.00	30.00 -2.24 0.00	78.44 -8.16 0.88	43.10 -4.59 0.00	42.84 -4.90 0.00	39.40 -3.94 0.00	33.32 -2.62 0.00	24.76 -2.04 0.00	27.43 -1.91 -0.98	83.21 -5.90 0.00	33.07 -2.24 0.00	32.17 -1.96 0.00	24.74 -1.74 0.00	26.20 -1.79 0.00	28.20 -1.61 0.00	29.71 -1.36 0.00
INDIAN POINT_GT_1 24139	27.21 1.21 0.00	26.78 1.11 0.00	31.28 1.26 0.00	26.96 1.10 0.00	27.71 1.15 0.00	31.76 1.21 0.00	77.33 2.93 0.00	39.68 2.30 0.00	75.20 4.12 0.00	34.25 2.01 0.00	92.22 4.74 0.00	50.32 2.63 0.00	50.63 2.89 0.00	45.85 2.51 0.00	38.21 2.27 0.00	28.69 1.89 0.00	34.06 2.23 -3.46	96.67 7.56 0.00	38.34 3.03 0.00	36.87 2.73 0.00	28.37 1.90 0.00	29.76 1.78 0.00	31.35 1.54 0.00	32.33 1.26 0.00
INDIAN POINT_GT_2 23659	27.21 1.21 0.00	26.78 1.11 0.00	31.28 1.26 0.00	26.96 1.10 0.00	27.71 1.15 0.00	31.76 1.21 0.00	77.33 2.93 0.00	39.68 2.30 0.00	75.20 4.12 0.00	34.25 2.01 0.00	92.22 4.74 0.00	50.32 2.63 0.00	50.63 2.89 0.00	45.85 2.51 0.00	38.21 2.27 0.00	28.69 1.89 0.00	34.06 2.23 -3.46	96.67 7.56 0.00	38.34 3.03 0.00	36.87 2.73 0.00	28.37 1.90 0.00	29.76 1.78 0.00	31.35 1.54 0.00	32.33 1.26 0.00
INDIAN POINT_GT_3 24019	27.21 1.21 0.00	26.78 1.11 0.00	31.28 1.26 0.00	26.96 1.10 0.00	27.71 1.15 0.00	31.76 1.21 0.00	77.33 2.93 0.00	39.68 2.30 0.00	75.20 4.12 0.00	34.25 2.01 0.00	92.22 4.74 0.00	50.32 2.63 0.00	50.63 2.89 0.00	45.85 2.51 0.00	38.21 2.27 0.00	28.69 1.89 0.00	34.06 2.23 -3.46	96.67 7.56 0.00	38.34 3.03 0.00	36.87 2.73 0.00	28.37 1.90 0.00	29.76 1.78 0.00	31.35 1.54 0.00	32.33 1.26 0.00
INDIAN POINT___2 23530	27.17 1.17 0.00	26.75 1.08 0.00	31.26 1.24 0.00	26.95 1.09 0.00	27.68 1.12 0.00	31.74 1.18 0.00	77.26 2.86 0.00	39.63 2.25 0.00	75.09 4.02 0.00	34.20 1.96 0.00	92.10 4.62 0.00	50.28 2.59 0.00	50.57 2.83 0.00	45.79 2.45 0.00	38.16 2.22 0.00	28.65 1.85 0.00	33.96 2.18 -3.41	96.54 7.44 0.00	38.29 2.97 0.00	36.82 2.68 0.00	28.33 1.86 0.00	29.73 1.74 0.00	31.31 1.50 0.00	32.30 1.23 0.00
INDIAN POINT___3 23531	27.19 1.19 0.00	26.76 1.09 0.00	31.28 1.26 0.00	26.95 1.09 0.00	27.69 1.13 0.00	31.74 1.19 0.00	77.31 2.91 0.00	39.64 2.26 0.00	75.12 4.04 0.00	34.21 1.97 0.00	92.13 4.65 0.00	50.28 2.60 0.00	50.58 2.85 0.00	45.80 2.46 0.00	38.17 2.23 0.00	28.66 1.86 0.00	34.02 2.19 -3.47	96.55 7.45 0.00	38.28 2.97 0.00	36.83 2.69 0.00	28.34 1.87 0.00	29.73 1.74 0.00	31.32 1.51 0.00	32.30 1.23 0.00
INGHAM_C_115KV_TB7 356103	26.51 0.51 0.00	26.06 0.39 0.00	30.28 0.26 0.00	26.14 0.28 0.00	26.98 0.42 0.00	30.98 0.42 0.00	75.77 1.37 0.00	38.76 1.38 0.00	73.03 1.95 0.00	32.95 0.70 0.00	88.98 1.50 0.00	48.37 0.68 0.00	48.51 0.77 0.00	43.80 0.45 0.00	36.66 0.72 0.00	27.57 0.77 0.00	29.67 1.21 -0.09	93.56 4.45 0.00	36.90 1.58 0.00	35.55 1.42 0.00	27.51 1.03 0.00	28.79 0.81 0.00	30.52 0.70 0.00	31.36 0.29 0.00
IP CORINTH___1 23988	27.04 1.04 0.00	26.62 0.95 0.00	31.00 0.99 0.00	26.72 0.85 0.00	27.59 1.03 0.00	31.88 1.32 0.00	77.60 3.20 0.00	39.31 1.93 0.00	74.70 3.62 0.00	33.80 1.56 0.00	91.56 4.08 0.00	49.71 2.02 0.00	50.08 2.34 0.00	45.10 1.76 0.00	37.28 1.34 0.00	27.95 1.14 0.00	34.23 1.35 -4.52	92.98 3.87 0.00	36.86 1.55 0.00	35.70 1.56 0.00	27.63 1.15 0.00	28.96 0.97 0.00	30.84 1.03 0.00	31.95 0.88 0.00
IP___TICONDEROGA 23804	28.49 2.50 0.00	27.78 2.11 0.00	32.22 2.21 0.00	27.82 1.96 0.00	28.98 2.42 0.00	33.94 3.38 0.00	81.91 7.51 0.00	41.89 4.51 0.00	79.43 8.36 0.00	35.87 3.63 0.00	96.17 8.69 0.00	52.53 4.84 0.00	52.82 5.08 0.00	47.66 4.32 0.00	39.40 3.46 0.00	29.73 2.93 0.00	36.32 3.45 -4.51	98.54 9.44 0.00	39.23 3.91 0.00	38.30 4.16 0.00	29.51 3.03 0.00	30.90 2.91 0.00	32.40 2.59 0.00	33.24 2.17 0.00
ISLIP_RES_REC 323679	34.32 1.98 -6.34	34.84 1.84 -7.33	34.92 2.13 -2.77	34.32 1.83 -6.63	33.81 1.89 -5.36	32.51 1.95 0.00	78.65 4.25 0.00	40.82 3.45 0.00	78.57 6.77 -0.73	53.06 3.14 -17.68	94.39 6.90 0.00	51.29 3.61 0.00	81.42 4.48 -29.20	48.78 4.00 -1.43	42.28 3.54 -2.80	58.83 2.86 -29.17	87.75 3.23 -56.16	314.01 11.31 -213.60	285.13 4.46 -245.35	280.11 3.99 -241.99	120.97 2.85 -91.65	36.39 2.81 -5.60	36.81 2.61 -4.39	36.25 2.33 -2.85
JAMAICA__27_KV_LOAD 355505	27.43 1.44 0.00	26.98 1.31 0.00	31.45 1.44 0.00	27.12 1.26 0.00	27.87 1.31 0.00	31.96 1.41 0.00	77.89 3.49 0.00	40.14 2.77 0.00	76.23 5.15 0.00	34.77 2.53 0.00	93.60 6.12 0.00	50.98 3.29 0.00	51.31 3.57 0.00	46.40 3.06 0.00	38.75 2.82 0.00	29.16 2.36 0.00	34.56 2.69 -3.51	98.45 9.34 0.00	39.03 3.72 0.00	37.46 3.32 0.00	28.83 2.35 0.00	30.21 2.23 0.00	31.77 1.96 0.00	32.67 1.60 0.00
JANIS___SOLAR 323808	26.57 0.58 0.00	26.25 0.58 0.00	30.65 0.64 0.00	26.55 0.68 0.00	27.34 0.78 0.00	31.66 1.11 0.00	77.41 3.01 0.00	39.33 1.95 0.00	74.26 3.18 0.00	33.62 1.37 0.00	90.86 3.37 0.00	49.28 1.59 0.00	48.91 1.17 0.00	44.03 0.69 0.00	37.01 1.07 0.00	27.87 1.06 0.00	31.08 1.43 -1.29	94.27 5.17 0.00	37.35 2.04 0.00	36.03 1.89 0.00	27.70 1.22 0.00	29.18 1.20 0.00	31.00 1.19 0.00	32.18 1.11 0.00

JARVIS____ 23743	26.05 0.05 0.00	25.72 0.04 0.00	30.07 0.05 0.00	25.91 0.04 0.00	26.62 0.05 0.00	30.62 0.06 0.00	74.59 0.19 0.00	37.56 0.18 0.00	71.42 0.34 0.00	32.37 0.13 0.00	87.76 0.28 0.00	47.79 0.10 0.00	47.83 0.09 0.00	43.39 0.05 0.00	36.01 0.07 0.00	26.89 0.09 0.00	28.63 0.17 -0.09	89.73 0.62 0.00	35.56 0.25 0.00	34.35 0.21 0.00	26.61 0.13 0.00	28.08 0.09 0.00	29.87 0.06 0.00	31.10 0.03 0.00
JENNISON____1 23625	26.29 0.29 0.00	25.94 0.27 0.00	30.39 0.38 0.00	26.37 0.50 0.00	27.26 0.70 0.00	31.59 1.04 0.00	77.26 2.86 0.00	39.34 1.96 0.00	74.43 3.35 0.00	33.70 1.46 0.00	91.31 3.83 0.00	49.62 1.93 0.00	49.44 1.70 0.00	44.81 1.47 0.00	37.11 1.17 0.00	27.99 1.19 0.00	31.49 1.61 -1.52	94.97 5.87 0.00	37.64 2.32 0.00	36.27 2.13 0.00	27.80 1.33 0.00	29.31 1.33 0.00	31.06 1.24 0.00	31.96 0.89 0.00
JENNISON____2 23626	26.29 0.29 0.00	25.94 0.27 0.00	30.39 0.38 0.00	26.37 0.50 0.00	27.26 0.70 0.00	31.59 1.04 0.00	77.26 2.86 0.00	39.34 1.96 0.00	74.43 3.35 0.00	33.70 1.46 0.00	91.31 3.83 0.00	49.62 1.93 0.00	49.44 1.70 0.00	44.81 1.47 0.00	37.11 1.17 0.00	27.99 1.19 0.00	31.49 1.61 -1.52	94.97 5.87 0.00	37.64 2.32 0.00	36.27 2.13 0.00	27.80 1.33 0.00	29.31 1.33 0.00	31.06 1.24 0.00	31.96 0.89 0.00
JERICHO_RISE_WT_PWR 323719	25.47 -0.53 0.00	25.14 -0.53 0.00	29.70 -0.31 0.00	25.50 -0.37 0.00	26.04 -0.52 0.00	30.02 -0.53 0.00	73.52 -0.88 0.00	36.20 -1.17 0.00	68.49 -2.59 0.00	31.14 -1.10 0.00	85.73 -1.75 0.00	47.11 -0.58 0.00	47.24 -0.50 0.00	43.03 -0.32 0.00	35.28 -0.66 0.00	26.48 -0.33 0.00	27.81 -0.56 0.00	87.30 -1.81 0.00	34.72 -0.60 0.00	33.84 -0.30 0.00	26.26 -0.22 0.00	27.72 -0.26 0.00	29.95 0.14 0.00	31.19 0.12 0.00
KATONAH____115KV_46KV_TB4 355592	27.38 1.38 0.00	26.95 1.28 0.00	31.46 1.44 0.00	27.11 1.25 0.00	27.87 1.31 0.00	31.97 1.41 0.00	77.91 3.51 0.00	39.96 2.59 0.00	75.80 4.72 0.00	34.50 2.26 0.00	92.91 5.43 0.00	50.67 2.99 0.00	50.96 3.23 0.00	46.15 2.81 0.00	38.45 2.51 0.00	28.88 2.08 0.00	34.35 2.44 -3.55	97.32 8.22 0.00	38.60 3.28 0.00	37.13 2.99 0.00	28.58 2.10 0.00	29.98 1.99 0.00	31.56 1.75 0.00	32.52 1.45 0.00
KCE_NY_1 323755	27.19 1.19 0.00	26.84 1.17 0.00	31.30 1.29 0.00	26.95 1.08 0.00	27.74 1.18 0.00	31.94 1.39 0.00	77.87 3.48 0.00	39.50 2.13 0.00	75.11 4.03 0.00	33.96 1.71 0.00	91.80 4.32 0.00	50.05 2.36 0.00	50.18 2.44 0.00	45.44 2.10 0.00	37.60 1.66 0.00	28.25 1.45 0.00	34.61 1.74 -4.50	94.35 5.25 0.00	37.43 2.11 0.00	36.20 2.06 0.00	27.97 1.50 0.00	29.37 1.38 0.00	31.11 1.30 0.00	32.19 1.12 0.00
KCE_NY_6_ESR 323823	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.97 -1.58 0.00	70.40 -4.00 0.00	35.90 -1.48 0.00	67.57 -3.51 0.00	30.47 -1.77 0.00	80.03 -6.65 0.80	43.86 -3.82 0.00	43.60 -4.13 0.00	40.06 -3.28 0.00	33.83 -2.11 0.00	25.11 -1.69 0.00	27.83 -1.54 -1.00	84.67 -4.44 0.00	33.61 -1.71 0.00	32.73 -1.41 0.00	25.15 -1.33 0.00	26.65 -1.34 0.00	28.61 -1.20 0.00	30.07 -1.00 0.00
KEDC_PORT_JEFF_GT2 24210	34.20 1.86 -6.34	34.74 1.74 -7.33	34.80 2.00 -2.77	34.21 1.72 -6.63	33.69 1.77 -5.36	32.35 1.80 0.00	78.28 3.88 0.00	40.61 3.23 0.00	78.10 6.29 -0.73	52.84 2.92 -17.68	93.84 6.36 0.00	51.01 3.32 0.00	81.08 4.14 -29.20	48.48 3.71 -1.43	42.02 3.28 -2.80	58.64 2.67 -29.17	83.25 3.03 -51.86	313.33 10.63 -213.60	284.86 4.19 -245.35	279.87 3.75 -241.99	120.80 2.68 -91.65	36.20 2.61 -5.60	36.62 2.42 -4.39	36.06 2.14 -2.85
KEDC_PORT_JEFF_GT3 24211	34.20 1.86 -6.34	34.74 1.74 -7.33	34.80 2.00 -2.77	34.21 1.72 -6.63	33.69 1.77 -5.36	32.35 1.80 0.00	78.28 3.88 0.00	40.61 3.23 0.00	78.10 6.29 -0.73	52.84 2.92 -17.68	93.84 6.36 0.00	51.01 3.32 0.00	81.08 4.14 -29.20	48.48 3.71 -1.43	42.02 3.28 -2.80	58.64 2.67 -29.17	83.25 3.03 -51.86	313.33 10.63 -213.60	284.86 4.19 -245.35	279.87 3.75 -241.99	120.80 2.68 -91.65	36.20 2.61 -5.60	36.62 2.42 -4.39	36.06 2.14 -2.85
KEDC_GLWD_GT4 24219	34.16 1.82 -6.34	34.71 1.71 -7.33	34.74 1.95 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.37 1.82 0.00	78.37 3.97 0.00	40.51 3.14 0.00	77.76 5.95 -0.73	52.77 2.85 -17.68	93.94 6.46 0.00	51.25 3.56 0.00	80.98 4.05 -29.20	48.38 3.61 -1.43	41.93 3.19 -2.80	58.57 2.59 -29.17	86.01 2.94 -54.70	312.59 9.89 -213.59	284.62 3.95 -245.35	279.76 3.63 -241.99	120.71 2.59 -91.65	36.07 2.48 -5.60	36.47 2.27 -4.39	35.90 1.98 -2.85
KEDC_GLWD_GT5 24220	34.16 1.82 -6.34	34.71 1.71 -7.33	34.74 1.95 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.37 1.82 0.00	78.37 3.97 0.00	40.51 3.14 0.00	77.76 5.95 -0.73	52.77 2.85 -17.68	93.94 6.46 0.00	51.25 3.56 0.00	80.98 4.05 -29.20	48.38 3.61 -1.43	41.93 3.19 -2.80	58.57 2.59 -29.17	86.01 2.94 -54.70	312.59 9.89 -213.59	284.62 3.95 -245.35	279.76 3.63 -241.99	120.71 2.59 -91.65	36.07 2.48 -5.60	36.47 2.27 -4.39	35.90 1.98 -2.85
KENSICO____ 23655	27.29 1.29 0.00	26.86 1.18 0.00	31.37 1.35 0.00	27.04 1.17 0.00	27.78 1.22 0.00	31.84 1.29 0.00	77.53 3.13 0.00	39.80 2.43 0.00	75.46 4.39 0.00	34.38 2.13 0.00	92.52 5.04 0.00	50.47 2.78 0.00	50.81 3.07 0.00	45.99 2.65 0.00	38.33 2.39 0.00	28.80 1.99 0.00	34.19 2.33 -3.50	96.99 7.89 0.00	38.47 3.15 0.00	36.99 2.85 0.00	28.47 1.99 0.00	29.86 1.87 0.00	31.44 1.63 0.00	32.41 1.34 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.42 1.43 0.00	26.99 1.32 0.00	31.54 1.52 0.00	27.17 1.31 0.00	27.92 1.36 0.00	32.04 1.49 0.00	78.17 3.77 0.00	40.05 2.67 0.00	75.90 4.83 0.00	34.56 2.32 0.00	93.14 5.66 0.00	50.76 3.07 0.00	51.07 3.34 0.00	46.28 2.94 0.00	38.54 2.60 0.00	28.84 2.04 0.00	34.11 2.48 -3.26	97.50 8.40 0.00	38.72 3.41 0.00	37.23 3.09 0.00	28.66 2.18 0.00	30.07 2.08 0.00	31.69 1.88 0.00	32.68 1.61 0.00
KIAC_JFK_GT1 23816	27.35 1.35 0.00	26.90 1.23 0.00	31.36 1.35 0.00	27.04 1.18 0.00	27.79 1.23 0.00	31.87 1.31 0.00	77.62 3.22 0.00	39.99 2.62 0.00	75.97 4.90 0.00	34.65 2.40 0.00	93.26 5.78 0.00	50.82 3.13 0.00	51.16 3.42 0.00	46.26 2.92 0.00	38.63 2.69 0.00	29.06 2.26 0.00	34.45 2.59 -3.51	98.09 8.99 0.00	38.90 3.58 0.00	37.32 3.18 0.00	28.72 2.25 0.00	30.10 2.12 0.00	31.67 1.86 0.00	32.57 1.50 0.00
KIAC_JFK_GT2 23817	27.35 1.35 0.00	26.90 1.23 0.00	31.36 1.35 0.00	27.04 1.18 0.00	27.79 1.23 0.00	31.87 1.31 0.00	77.62 3.22 0.00	39.99 2.62 0.00	75.97 4.90 0.00	34.65 2.40 0.00	93.26 5.78 0.00	50.82 3.13 0.00	51.16 3.42 0.00	46.26 2.92 0.00	38.63 2.69 0.00	29.06 2.26 0.00	34.45 2.59 -3.51	98.09 8.99 0.00	38.90 3.58 0.00	37.32 3.18 0.00	28.72 2.25 0.00	30.10 2.12 0.00	31.67 1.86 0.00	32.57 1.50 0.00

MALONE___115KV_TB1 356076	25.91 -0.09 0.00	25.58 -0.09 0.00	30.18 0.17 0.00	25.91 0.05 0.00	26.48 -0.08 0.00	30.58 0.03 0.00	74.89 0.50 0.00	36.98 -0.39 0.00	70.11 -0.97 0.00	31.87 -0.37 0.00	87.55 0.07 0.00	47.99 0.30 0.00	48.06 0.33 0.00	43.72 0.38 0.00	35.90 -0.04 0.00	26.89 0.08 0.00	28.28 -0.09 0.00	88.86 -0.24 0.00	35.31 0.00 0.00	34.34 0.20 0.00	26.65 0.18 0.00	28.19 0.20 0.00	30.39 0.58 0.00	31.67 0.59 0.00
MAPLEWOD_115KV_TB3 80458	26.76 0.76 0.00	26.39 0.72 0.00	30.81 0.79 0.00	26.54 0.67 0.00	27.30 0.74 0.00	31.32 0.76 0.00	76.39 2.00 0.00	38.76 1.38 0.00	73.58 2.51 0.00	33.36 1.12 0.00	90.15 2.67 0.00	49.12 1.43 0.00	49.29 1.56 0.00	44.75 1.41 0.00	37.09 1.15 0.00	27.89 1.09 0.00	34.04 1.29 -4.39	93.16 4.06 0.00	36.87 1.56 0.00	35.63 1.49 0.00	27.55 1.08 0.00	28.98 1.00 0.00	30.57 0.76 0.00	31.62 0.55 0.00
MAPLE_RIDGE_WT_1 323574	25.13 -0.86 0.00	25.09 -0.57 0.00	29.55 -0.47 0.00	25.43 -0.43 0.00	26.09 -0.47 0.00	30.29 -0.27 0.00	73.92 -0.48 0.00	36.76 -0.61 0.00	69.99 -1.08 0.00	31.77 -0.47 0.00	86.78 -0.71 0.00	46.99 -0.70 0.00	46.52 -1.22 0.00	41.79 -1.56 0.00	34.49 -1.45 0.00	25.96 -0.84 0.00	27.62 -0.75 0.00	87.18 -1.92 0.00	34.81 -0.50 0.00	33.63 -0.51 0.00	26.16 -0.32 0.00	27.66 -0.33 0.00	29.57 -0.24 0.00	30.90 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	25.13 -0.86 0.00	25.09 -0.57 0.00	29.55 -0.47 0.00	25.43 -0.43 0.00	26.09 -0.47 0.00	30.29 -0.27 0.00	73.92 -0.48 0.00	36.76 -0.61 0.00	69.99 -1.08 0.00	31.77 -0.47 0.00	86.78 -0.71 0.00	46.99 -0.70 0.00	46.52 -1.22 0.00	41.79 -1.56 0.00	34.49 -1.45 0.00	25.96 -0.84 0.00	27.62 -0.75 0.00	87.18 -1.92 0.00	34.81 -0.50 0.00	33.63 -0.51 0.00	26.16 -0.32 0.00	27.66 -0.33 0.00	29.57 -0.24 0.00	30.90 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	25.43 -0.57 0.00	25.10 -0.57 0.00	29.68 -0.34 0.00	25.49 -0.38 0.00	26.02 -0.54 0.00	30.00 -0.55 0.00	73.46 -0.94 0.00	36.19 -1.18 0.00	68.48 -2.60 0.00	31.14 -1.10 0.00	85.76 -1.72 0.00	47.11 -0.58 0.00	47.24 -0.50 0.00	43.02 -0.32 0.00	35.28 -0.66 0.00	26.50 -0.30 0.00	27.85 -0.52 0.00	87.48 -1.62 0.00	34.77 -0.54 0.00	33.91 -0.23 0.00	26.29 -0.19 0.00	27.74 -0.25 0.00	29.95 0.13 0.00	31.19 0.12 0.00
MARSHVLE_115KV_TB1 80742	26.95 0.96 0.00	26.53 0.86 0.00	31.01 0.99 0.00	26.73 0.86 0.00	27.45 0.89 0.00	31.73 1.18 0.00	77.43 3.03 0.00	38.82 1.44 0.00	73.59 2.51 0.00	33.17 0.93 0.00	89.91 2.43 0.00	49.01 1.32 0.00	48.90 1.16 0.00	44.52 1.18 0.00	36.89 0.95 0.00	27.60 0.80 0.00	34.85 0.95 -5.54	92.43 3.32 0.00	36.64 1.32 0.00	35.37 1.23 0.00	27.40 0.92 0.00	29.01 1.02 0.00	31.00 1.18 0.00	32.41 1.33 0.00
MARSH_HILL_WT_PWR 323713	23.38 -2.61 0.00	23.40 -2.27 0.00	27.72 -2.30 0.00	24.26 -1.60 0.00	25.04 -1.53 0.00	29.00 -1.56 0.00	70.23 -4.17 0.00	36.09 -1.28 0.00	68.62 -2.45 0.00	31.18 -1.07 0.00	83.27 -4.21 0.00	44.41 -3.28 0.00	43.92 -3.81 0.00	40.29 -3.05 0.00	34.36 -1.58 0.00	25.55 -1.26 0.00	28.63 -0.88 -1.14	86.99 -2.12 0.00	33.82 -1.50 0.00	33.12 -1.02 0.00	25.48 -1.00 0.00	27.21 -0.78 0.00	29.36 -0.45 0.00	30.62 -0.46 0.00
MCINTYRE_115KV_TB2 80467	26.58 0.58 0.00	26.26 0.59 0.00	30.78 0.77 0.00	26.49 0.62 0.00	27.15 0.59 0.00	31.41 0.86 0.00	76.78 2.38 0.00	38.01 0.63 0.00	72.38 1.30 0.00	32.83 0.59 0.00	89.91 2.43 0.00	49.12 1.43 0.00	48.99 1.25 0.00	44.36 1.02 0.00	36.61 0.67 0.00	27.24 0.44 0.00	28.72 0.26 -0.09	89.99 0.89 0.00	35.60 0.28 0.00	34.49 0.35 0.00	26.86 0.39 0.00	28.63 0.65 0.00	30.73 0.91 0.00	32.02 0.95 0.00
MECO___69_KV_BK1 80468	27.67 1.67 0.00	27.29 1.62 0.00	31.83 1.81 0.00	27.43 1.56 0.00	28.18 1.62 0.00	32.57 2.02 0.00	79.27 4.87 0.00	39.96 2.59 0.00	75.42 4.34 0.00	33.90 1.66 0.00	92.24 4.76 0.00	50.04 2.35 0.00	50.12 2.39 0.00	45.26 1.92 0.00	38.34 2.40 0.00	28.61 1.81 0.00	36.06 2.43 -5.26	97.00 7.89 0.00	38.29 2.97 0.00	36.97 2.84 0.00	28.61 2.14 0.00	30.11 2.13 0.00	31.87 2.06 0.00	32.97 1.90 0.00
MENANDS___115KV_TB5 355628	26.62 0.63 0.00	26.25 0.58 0.00	30.64 0.63 0.00	26.40 0.54 0.00	27.16 0.59 0.00	31.14 0.59 0.00	75.97 1.57 0.00	38.53 1.16 0.00	73.20 2.12 0.00	33.18 0.94 0.00	89.68 2.20 0.00	48.86 1.17 0.00	49.02 1.29 0.00	44.51 1.17 0.00	36.91 0.97 0.00	27.74 0.94 0.00	33.89 1.14 -4.38	92.65 3.54 0.00	36.66 1.35 0.00	35.43 1.30 0.00	27.42 0.94 0.00	28.83 0.84 0.00	30.40 0.59 0.00	31.44 0.37 0.00
MG INDUSTRY___DRP 24185	26.58 0.59 0.00	26.21 0.54 0.00	30.63 0.62 0.00	26.39 0.53 0.00	27.13 0.57 0.00	31.11 0.55 0.00	75.84 1.44 0.00	38.49 1.11 0.00	73.08 2.01 0.00	33.16 0.92 0.00	89.59 2.11 0.00	48.81 1.12 0.00	48.99 1.25 0.00	44.46 1.12 0.00	36.91 0.97 0.00	27.70 0.90 0.00	33.80 1.10 -4.33	92.63 3.52 0.00	36.69 1.37 0.00	35.43 1.29 0.00	27.39 0.92 0.00	28.82 0.83 0.00	30.43 0.61 0.00	31.49 0.42 0.00
MID___OSWEGATCHIE_HYD 23849	25.39 -0.61 0.00	25.31 -0.36 0.00	29.82 -0.19 0.00	25.53 -0.34 0.00	26.17 -0.39 0.00	30.43 -0.12 0.00	74.30 -0.10 0.00	36.97 -0.40 0.00	70.55 -0.53 0.00	31.87 -0.38 0.00	86.68 -0.80 0.00	47.02 -0.66 0.00	46.64 -1.10 0.00	42.30 -1.05 0.00	34.94 -1.00 0.00	26.13 -0.67 0.00	28.11 -0.44 -0.18	88.41 -0.70 0.00	34.92 -0.40 0.00	33.83 -0.30 0.00	26.17 -0.31 0.00	27.74 -0.25 0.00	29.70 -0.11 0.00	31.17 0.10 0.00
MID___RAQUETTE_HYD 23851	26.04 0.04 0.00	25.77 0.10 0.00	30.27 0.25 0.00	26.01 0.14 0.00	26.65 0.09 0.00	30.83 0.27 0.00	75.28 0.88 0.00	37.29 -0.08 0.00	71.02 -0.05 0.00	32.21 -0.03 0.00	88.13 0.65 0.00	48.11 0.42 0.00	47.99 0.25 0.00	43.51 0.17 0.00	35.77 -0.17 0.00	26.59 -0.21 0.00	28.13 -0.34 -0.10	88.09 -1.02 0.00	34.87 -0.44 0.00	33.81 -0.33 0.00	26.31 -0.17 0.00	28.07 0.08 0.00	30.18 0.37 0.00	31.51 0.44 0.00
MILLIKEN___1 23584	26.14 0.14 0.00	25.86 0.18 0.00	30.20 0.19 0.00	26.10 0.23 0.00	26.82 0.26 0.00	30.93 0.37 0.00	75.34 0.94 0.00	38.15 0.77 0.00	72.34 1.26 0.00	32.79 0.54 0.00	88.72 1.15 -0.10	48.15 0.46 0.00	47.98 0.24 0.00	43.56 0.22 0.00	36.44 0.50 0.00	27.20 0.39 0.00	30.06 0.63 -1.07	91.37 2.26 0.00	36.23 0.91 0.00	34.98 0.84 0.00	26.94 0.47 0.00	28.44 0.45 0.00	30.22 0.41 0.00	31.53 0.45 0.00
MILLIKEN___2 23585	26.14 0.14 0.00	25.86 0.18 0.00	30.20 0.19 0.00	26.10 0.23 0.00	26.82 0.26 0.00	30.93 0.37 0.00	75.34 0.94 0.00	38.15 0.77 0.00	72.34 1.26 0.00	32.79 0.54 0.00	88.72 1.15 -0.10	48.15 0.46 0.00	47.98 0.24 0.00	43.56 0.22 0.00	36.44 0.50 0.00	27.20 0.39 0.00	30.06 0.63 -1.07	91.37 2.26 0.00	36.23 0.91 0.00	34.98 0.84 0.00	26.94 0.47 0.00	28.44 0.45 0.00	30.22 0.41 0.00	31.53 0.45 0.00

NEG MILLWOOD___DRP 24198	27.49 1.49 0.00	27.06 1.39 0.00	31.58 1.57 0.00	27.22 1.36 0.00	27.98 1.41 0.00	32.11 1.56 0.00	78.30 3.90 0.00	40.14 2.77 0.00	76.14 5.07 0.00	34.66 2.41 0.00	93.32 5.84 0.00	50.90 3.22 0.00	51.17 3.43 0.00	46.36 3.02 0.00	38.60 2.66 0.00	28.99 2.19 0.00	34.48 2.57 -3.55	97.73 8.62 0.00	38.76 3.45 0.00	37.29 3.15 0.00	28.71 2.23 0.00	30.10 2.12 0.00	31.70 1.89 0.00	32.67 1.60 0.00
NEG NORTH_FLCN_SEA 23793	25.73 -0.27 0.00	25.38 -0.28 0.00	30.02 0.01 0.00	25.82 -0.05 0.00	26.38 -0.18 0.00	30.42 -0.13 0.00	74.56 0.16 0.00	36.78 -0.60 0.00	69.61 -1.47 0.00	31.61 -0.63 0.00	86.97 -0.52 0.00	47.73 0.04 0.00	47.86 0.12 0.00	43.58 0.24 0.00	35.76 -0.18 0.00	26.91 0.10 0.00	28.23 -0.13 0.00	88.70 -0.40 0.00	35.34 0.03 0.00	34.45 0.31 0.00	26.68 0.21 0.00	28.10 0.12 0.00	30.31 0.50 0.00	31.58 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	25.57 -0.43 0.00	25.23 -0.43 0.00	29.81 -0.21 0.00	25.59 -0.28 0.00	26.12 -0.44 0.00	30.12 -0.43 0.00	73.78 -0.62 0.00	36.35 -1.03 0.00	68.74 -2.33 0.00	31.26 -0.98 0.00	86.04 -1.44 0.00	47.27 -0.42 0.00	47.39 -0.35 0.00	43.16 -0.18 0.00	35.40 -0.54 0.00	26.58 -0.22 0.00	27.92 -0.45 0.00	87.65 -1.45 0.00	34.87 -0.45 0.00	33.99 -0.15 0.00	26.38 -0.10 0.00	27.84 -0.16 0.00	30.07 0.26 0.00	31.31 0.24 0.00
NEG NORTH___ALICE_FALLS 23915	25.77 -0.23 0.00	25.39 -0.28 0.00	30.04 0.02 0.00	25.83 -0.03 0.00	26.40 -0.16 0.00	30.43 -0.12 0.00	74.61 0.21 0.00	36.84 -0.53 0.00	69.70 -1.37 0.00	31.65 -0.60 0.00	87.15 -0.33 0.00	47.80 0.11 0.00	47.92 0.19 0.00	43.64 0.30 0.00	35.80 -0.14 0.00	26.93 0.12 0.00	28.29 -0.08 0.00	88.96 -0.15 0.00	35.42 0.10 0.00	34.52 0.38 0.00	26.74 0.26 0.00	28.16 0.17 0.00	30.37 0.56 0.00	31.63 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	25.77 -0.23 0.00	25.39 -0.28 0.00	30.04 0.02 0.00	25.83 -0.03 0.00	26.40 -0.16 0.00	30.43 -0.12 0.00	74.61 0.21 0.00	36.84 -0.53 0.00	69.70 -1.37 0.00	31.65 -0.60 0.00	87.15 -0.33 0.00	47.80 0.11 0.00	47.92 0.19 0.00	43.64 0.30 0.00	35.80 -0.14 0.00	26.93 0.12 0.00	28.29 -0.08 0.00	88.96 -0.15 0.00	35.42 0.10 0.00	34.52 0.38 0.00	26.74 0.26 0.00	28.16 0.17 0.00	30.37 0.56 0.00	31.63 0.56 0.00
NEG NORTH___PLATTSBURG 23628	25.77 -0.23 0.00	25.39 -0.28 0.00	30.04 0.02 0.00	25.83 -0.03 0.00	26.40 -0.17 0.00	30.43 -0.12 0.00	74.61 0.21 0.00	36.84 -0.53 0.00	69.70 -1.37 0.00	31.65 -0.60 0.00	87.16 -0.33 0.00	47.80 0.11 0.00	47.93 0.19 0.00	43.64 0.30 0.00	35.80 -0.14 0.00	26.93 0.12 0.00	28.29 -0.08 0.00	88.96 -0.15 0.00	35.41 0.10 0.00	34.52 0.39 0.00	26.74 0.26 0.00	28.16 0.17 0.00	30.37 0.56 0.00	31.63 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	23.92 -2.07 0.00	23.80 -1.87 0.00	27.56 -2.45 0.00	23.81 -2.06 0.00	24.38 -2.18 0.00	28.41 -2.14 0.00	69.00 -5.40 0.00	35.05 -2.33 0.00	65.95 -5.13 0.00	29.68 -2.56 0.00	77.39 -9.17 0.92	42.59 -5.09 0.00	42.36 -5.38 0.00	38.96 -4.38 0.00	32.98 -2.96 0.00	24.50 -2.30 0.00	27.14 -2.18 -0.96	82.31 -6.79 0.00	32.74 -2.57 0.00	31.84 -2.29 0.00	24.48 -2.00 0.00	25.91 -2.08 0.00	27.89 -1.92 0.00	29.40 -1.67 0.00
NEG WEST___LANCASTR 23811	24.86 -1.14 0.00	24.72 -0.95 0.00	28.68 -1.34 0.00	24.77 -1.10 0.00	25.39 -1.17 0.00	29.53 -1.03 0.00	71.70 -2.70 0.00	36.59 -0.79 0.00	68.98 -2.10 0.00	31.07 -1.17 0.00	81.84 -4.89 0.76	44.88 -2.81 0.00	44.58 -3.15 0.00	40.87 -2.48 0.00	34.47 -1.47 0.00	25.60 -1.21 0.00	28.37 -1.02 -1.03	86.40 -2.70 0.00	34.29 -1.02 0.00	33.34 -0.79 0.00	25.59 -0.89 0.00	27.07 -0.92 0.00	29.06 -0.75 0.00	30.52 -0.56 0.00
NEG_PENN_ALLEGHNY 23528	25.90 -0.09 0.00	25.64 -0.03 0.00	29.92 -0.09 0.00	25.85 -0.01 0.00	26.55 -0.01 0.00	30.57 0.02 0.00	74.44 0.05 0.00	37.82 0.45 0.00	71.75 0.67 0.00	32.51 0.27 0.00	87.80 0.32 0.00	47.76 0.07 0.00	47.66 -0.08 0.00	43.27 -0.07 0.00	36.10 0.16 0.00	26.95 0.15 0.00	30.27 0.43 -1.48	90.82 1.71 0.00	35.98 0.67 0.00	34.76 0.62 0.00	26.75 0.28 0.00	28.21 0.22 0.00	30.02 0.21 0.00	31.24 0.17 0.00
NEG___GEN_MONROE 24207	24.88 -1.12 0.00	24.70 -0.97 0.00	28.66 -1.36 0.00	24.70 -1.16 0.00	25.34 -1.22 0.00	29.50 -1.05 0.00	71.84 -2.56 0.00	36.51 -0.86 0.00	68.82 -2.25 0.00	30.99 -1.26 0.00	81.25 -5.09 1.15	44.76 -2.93 0.00	44.65 -3.09 0.00	40.99 -2.36 0.00	34.52 -1.42 0.00	25.64 -1.16 0.00	28.27 -0.98 -0.89	86.25 -2.85 0.00	34.23 -1.09 0.00	33.20 -0.94 0.00	25.52 -0.95 0.00	26.96 -1.03 0.00	28.87 -0.94 0.00	30.31 -0.76 0.00
NEPA___ENERGY 23901	24.72 -1.28 0.00	24.64 -1.03 0.00	28.63 -1.39 0.00	24.79 -1.08 0.00	25.44 -1.13 0.00	29.52 -1.04 0.00	71.77 -2.62 0.00	36.70 -0.67 0.00	69.16 -1.92 0.00	31.18 -1.06 0.00	82.69 -4.07 0.73	45.38 -2.31 0.00	45.02 -2.72 0.00	41.07 -2.27 0.00	34.49 -1.45 0.00	25.60 -1.20 0.00	28.56 -0.84 -1.04	87.09 -2.02 0.00	34.61 -0.71 0.00	33.67 -0.47 0.00	25.75 -0.73 0.00	27.21 -0.77 0.00	29.23 -0.59 0.00	30.57 -0.50 0.00
NEVERSINK___HYD 23608	27.16 1.17 0.00	26.74 1.08 0.00	31.25 1.23 0.00	26.92 1.05 0.00	27.67 1.11 0.00	31.77 1.21 0.00	77.51 3.11 0.00	39.65 2.28 0.00	75.17 4.09 0.00	34.22 1.97 0.00	92.25 4.77 0.00	50.40 2.70 0.00	50.60 2.86 0.00	45.85 2.51 0.00	38.16 2.22 0.00	28.53 1.73 0.00	33.61 2.16 -3.08	96.67 7.57 0.00	38.29 2.97 0.00	36.89 2.76 0.00	28.35 1.88 0.00	29.75 1.76 0.00	31.38 1.57 0.00	32.39 1.32 0.00
NEWKRMKL_115KV_TB1 55635	26.48 0.49 0.00	26.12 0.45 0.00	30.50 0.48 0.00	26.28 0.41 0.00	27.03 0.47 0.00	30.99 0.44 0.00	75.65 1.25 0.00	38.37 0.99 0.00	72.87 1.79 0.00	33.05 0.81 0.00	89.33 1.85 0.00	48.67 0.98 0.00	48.84 1.10 0.00	44.34 1.00 0.00	36.78 0.84 0.00	27.63 0.83 0.00	33.77 1.03 -4.38	92.32 3.21 0.00	36.55 1.23 0.00	35.30 1.16 0.00	27.29 0.82 0.00	28.70 0.72 0.00	30.27 0.47 0.00	31.31 0.24 0.00
NEWTON___FALLS_HYD 23847	25.39 -0.61 0.00	25.31 -0.36 0.00	29.82 -0.19 0.00	25.53 -0.34 0.00	26.17 -0.39 0.00	30.43 -0.12 0.00	74.30 -0.10 0.00	36.97 -0.40 0.00	70.55 -0.53 0.00	31.87 -0.38 0.00	86.68 -0.80 0.00	47.02 -0.66 0.00	46.64 -1.10 0.00	42.30 -1.05 0.00	34.94 -1.00 0.00	26.13 -0.67 0.00	28.11 -0.44 -0.18	88.41 -0.70 0.00	34.92 -0.40 0.00	33.83 -0.30 0.00	26.17 -0.31 0.00	27.74 -0.25 0.00	29.70 -0.11 0.00	31.17 0.10 0.00
NGRID_A1_DSASP 323792	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.59 0.00	27.96 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.20 -6.87 0.00	28.97 -3.27 0.00	75.51 -11.07 0.90	41.57 -6.12 0.00	41.28 -6.45 0.00	37.97 -5.38 0.00	32.17 -3.77 0.00	23.93 -2.88 0.00	26.51 -2.83 -0.97	80.14 -8.97 0.00	31.87 -3.44 0.00	31.03 -3.10 0.00	23.88 -2.60 0.00	25.30 -2.69 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00

NGRID_A2_DSASP 323793	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.59 0.00	27.96 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.20 -6.87 0.00	28.97 -3.27 0.00	75.51 -11.07 0.90	41.57 -6.12 0.00	41.28 -6.45 0.00	37.97 -5.38 0.00	32.17 -3.77 0.00	23.93 -2.88 0.00	26.51 -2.83 -0.97	80.14 -8.97 0.00	31.87 -3.44 0.00	31.03 -3.10 0.00	23.88 -2.60 0.00	25.30 -2.69 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
NGRID_A4_DSASP 323807	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.59 0.00	27.96 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.20 -6.87 0.00	28.97 -3.27 0.00	75.51 -11.07 0.90	41.57 -6.12 0.00	41.28 -6.45 0.00	37.97 -5.38 0.00	32.17 -3.77 0.00	23.93 -2.88 0.00	26.51 -2.83 -0.97	80.14 -8.97 0.00	31.87 -3.44 0.00	31.03 -3.10 0.00	23.88 -2.60 0.00	25.30 -2.69 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
NIAGARA_115E_LBMP 323715	23.51 -2.49 0.00	23.40 -2.27 0.00	27.11 -2.91 0.00	23.44 -2.43 0.00	23.97 -2.59 0.00	27.91 -2.65 0.00	67.73 -6.67 0.00	34.33 -3.04 0.00	64.49 -6.58 0.00	29.10 -3.14 0.00	75.86 -10.73 0.90	41.73 -5.96 0.00	41.48 -6.25 0.00	38.15 -5.19 0.00	32.31 -3.63 0.00	24.04 -2.76 0.00	26.62 -2.72 -0.97	80.56 -8.54 0.00	32.05 -3.27 0.00	31.20 -2.94 0.00	24.00 -2.47 0.00	25.43 -2.55 0.00	27.37 -2.44 0.00	28.87 -2.20 0.00
NIAGARA_115W_LBMP 323714	23.52 -2.47 0.00	23.42 -2.25 0.00	27.10 -2.91 0.00	23.38 -2.49 0.00	23.92 -2.64 0.00	27.90 -2.66 0.00	67.68 -6.72 0.00	34.15 -3.23 0.00	64.01 -7.07 0.00	28.89 -3.35 0.00	75.29 -11.29 0.90	41.46 -6.23 0.00	41.17 -6.57 0.00	37.86 -5.48 0.00	32.08 -3.86 0.00	23.87 -2.94 0.00	26.44 -2.90 -0.97	79.93 -9.18 0.00	31.79 -3.53 0.00	30.95 -3.19 0.00	23.82 -2.66 0.00	25.24 -2.75 0.00	27.27 -2.54 0.00	28.84 -2.23 0.00
NIAGARA_230_LBMP 323716	23.75 -2.24 0.00	23.64 -2.03 0.00	27.37 -2.65 0.00	23.61 -2.25 0.00	24.16 -2.39 0.00	28.16 -2.40 0.00	68.32 -6.08 0.00	34.68 -2.70 0.00	65.14 -5.94 0.00	29.35 -2.89 0.00	76.66 -9.90 0.91	42.19 -5.50 0.00	41.91 -5.82 0.00	38.53 -4.81 0.00	32.60 -3.34 0.00	24.23 -2.57 0.00	26.83 -2.50 -0.97	81.31 -7.80 0.00	32.31 -3.01 0.00	31.45 -2.69 0.00	24.18 -2.29 0.00	25.63 -2.36 0.00	27.57 -2.24 0.00	29.10 -1.97 0.00
NIAGARA__115KV_198_GIBSON 55903	23.53 -2.47 0.00	23.41 -2.26 0.00	27.10 -2.91 0.00	23.38 -2.49 0.00	23.93 -2.64 0.00	27.90 -2.66 0.00	67.69 -6.71 0.00	34.14 -3.23 0.00	64.11 -6.97 0.00	28.89 -3.35 0.00	75.20 -11.38 0.90	41.45 -6.24 0.00	41.17 -6.57 0.00	37.87 -5.47 0.00	32.07 -3.87 0.00	23.85 -2.95 0.00	26.44 -2.89 -0.97	79.93 -9.18 0.00	31.80 -3.51 0.00	30.94 -3.19 0.00	23.81 -2.66 0.00	25.22 -2.77 0.00	27.27 -2.54 0.00	28.84 -2.23 0.00
NIAGARA____ 23760	23.75 -2.24 0.00	23.64 -2.03 0.00	27.37 -2.65 0.00	23.61 -2.25 0.00	24.16 -2.39 0.00	28.16 -2.40 0.00	68.32 -6.08 0.00	34.68 -2.70 0.00	65.14 -5.94 0.00	29.35 -2.89 0.00	76.67 -9.90 0.91	42.19 -5.50 0.00	41.91 -5.82 0.00	38.53 -4.81 0.00	32.60 -3.34 0.00	24.23 -2.57 0.00	26.83 -2.50 -0.97	81.31 -7.80 0.00	32.31 -3.01 0.00	31.45 -2.69 0.00	24.18 -2.29 0.00	25.63 -2.36 0.00	27.57 -2.24 0.00	29.10 -1.97 0.00
NINE_MILE_1 23575	25.19 -0.80 0.00	24.90 -0.77 0.00	29.10 -0.92 0.00	25.08 -0.78 0.00	25.76 -0.80 0.00	29.65 -0.91 0.00	72.01 -2.38 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.44 -3.04 0.00	45.95 -1.74 0.00	45.96 -1.78 0.00	41.79 -1.56 0.00	34.70 -1.24 0.00	25.80 -1.00 0.00	27.95 -0.96 -0.55	86.08 -3.03 0.00	34.12 -1.20 0.00	32.97 -1.17 0.00	25.52 -0.95 0.00	26.95 -1.04 0.00	28.75 -1.06 0.00	30.18 -0.89 0.00
NINE_MILE_2 23744	25.20 -0.80 0.00	24.90 -0.77 0.00	29.10 -0.92 0.00	25.08 -0.78 0.00	25.77 -0.79 0.00	29.65 -0.90 0.00	72.02 -2.38 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.44 -3.04 0.00	45.96 -1.73 0.00	45.97 -1.77 0.00	41.79 -1.56 0.00	34.70 -1.24 0.00	25.80 -1.00 0.00	27.95 -0.96 -0.54	86.08 -3.03 0.00	34.12 -1.20 0.00	32.97 -1.16 0.00	25.52 -0.95 0.00	26.95 -1.04 0.00	28.76 -1.06 0.00	30.18 -0.89 0.00
NM_CAPITAL____DRP 24208	26.56 0.56 0.00	26.19 0.52 0.00	30.58 0.57 0.00	26.34 0.48 0.00	27.09 0.53 0.00	31.06 0.51 0.00	75.80 1.41 0.00	38.44 1.07 0.00	73.00 1.93 0.00	33.11 0.87 0.00	89.46 1.98 0.00	48.73 1.04 0.00	48.91 1.17 0.00	44.40 1.06 0.00	36.84 0.90 0.00	27.68 0.88 0.00	33.80 1.07 -4.37	92.42 3.32 0.00	36.59 1.27 0.00	35.36 1.22 0.00	27.34 0.87 0.00	28.76 0.77 0.00	30.33 0.52 0.00	31.38 0.31 0.00
NM_CENTRAL____DRP 24181	25.61 -0.39 0.00	25.32 -0.35 0.00	29.57 -0.45 0.00	25.50 -0.36 0.00	26.20 -0.36 0.00	30.16 -0.39 0.00	73.36 -1.04 0.00	37.02 -0.35 0.00	70.34 -0.73 0.00	31.90 -0.34 0.00	86.17 -1.31 0.00	46.83 -0.86 0.00	46.83 -0.90 0.00	42.62 -0.72 0.00	35.44 -0.50 0.00	26.38 -0.42 0.00	28.70 -0.33 -0.67	87.95 -1.16 0.00	34.85 -0.46 0.00	33.69 -0.44 0.00	26.06 -0.42 0.00	27.53 -0.46 0.00	29.32 -0.49 0.00	30.72 -0.36 0.00
NM_FRONTIER____DRP 24179	23.53 -2.47 0.00	23.41 -2.26 0.00	27.10 -2.91 0.00	23.38 -2.49 0.00	23.93 -2.64 0.00	27.90 -2.66 0.00	67.69 -6.71 0.00	34.14 -3.23 0.00	64.11 -6.97 0.00	28.89 -3.35 0.00	75.20 -11.38 0.90	41.45 -6.24 0.00	41.17 -6.57 0.00	37.87 -5.47 0.00	32.07 -3.87 0.00	23.85 -2.95 0.00	26.44 -2.89 -0.97	79.93 -9.18 0.00	31.80 -3.51 0.00	30.94 -3.19 0.00	23.81 -2.66 0.00	25.22 -2.77 0.00	27.27 -2.54 0.00	28.84 -2.23 0.00
NM_ST_REGIS____HYD 24053	26.01 0.01 0.00	25.72 0.05 0.00	30.25 0.23 0.00	25.98 0.11 0.00	26.61 0.05 0.00	30.77 0.21 0.00	75.19 0.79 0.00	37.20 -0.17 0.00	70.76 -0.32 0.00	32.12 -0.12 0.00	87.98 0.50 0.00	48.09 0.39 0.00	48.02 0.28 0.00	43.57 0.23 0.00	35.80 -0.13 0.00	26.67 -0.14 0.00	28.18 -0.28 -0.09	88.27 -0.84 0.00	34.97 -0.34 0.00	33.94 -0.20 0.00	26.40 -0.08 0.00	28.09 0.10 0.00	30.24 0.43 0.00	31.56 0.48 0.00
NORTHPORT____1 23551	33.98 1.65 -6.34	34.57 1.57 -7.33	34.59 1.80 -2.77	34.04 1.55 -6.63	33.50 1.58 -5.36	32.07 1.52 0.00	77.46 3.06 0.00	40.15 2.78 0.00	77.10 5.29 -0.73	52.35 2.43 -17.68	92.66 5.18 0.00	50.45 2.76 0.00	80.36 3.43 -29.20	47.86 3.09 -1.43	41.51 2.78 -2.80	58.26 2.29 -29.17	85.70 2.63 -54.70	311.73 9.03 -213.60	284.25 3.58 -245.35	279.30 3.18 -241.99	120.38 2.26 -91.65	35.77 2.19 -5.60	36.24 2.03 -4.39	35.72 1.80 -2.85
NORTHPORT____2 23552	33.98 1.65 -6.34	34.57 1.57 -7.33	34.59 1.80 -2.77	34.04 1.55 -6.63	33.50 1.58 -5.36	32.07 1.52 0.00	77.46 3.06 0.00	40.15 2.78 0.00	77.10 5.29 -0.73	52.35 2.43 -17.68	92.66 5.18 0.00	50.45 2.76 0.00	80.36 3.43 -29.20	47.86 3.09 -1.43	41.51 2.78 -2.80	58.26 2.29 -29.17	85.70 2.63 -54.70	311.73 9.03 -213.60	284.25 3.58 -245.35	279.30 3.18 -241.99	120.38 2.26 -91.65	35.77 2.19 -5.60	36.24 2.03 -4.39	35.72 1.80 -2.85

NORTHPORT___3 23553	33.85 1.52 -6.34	34.42 1.43 -7.33	34.42 1.63 -2.77	33.90 1.40 -6.63	33.34 1.42 -5.36	31.89 1.33 0.00	76.97 2.58 0.00	39.85 2.48 0.00	76.56 4.75 -0.73	52.16 2.24 -17.68	92.22 4.74 0.00	50.23 2.55 0.00	80.08 3.14 -29.20	47.61 2.84 -1.43	41.22 2.48 -2.80	58.04 2.07 -29.17	85.46 2.38 -54.70	310.92 8.22 -213.60	283.94 3.27 -245.35	279.05 2.92 -241.99	120.16 2.04 -91.65	35.53 1.95 -5.60	35.94 1.74 -4.39	35.41 1.49 -2.85
NORTHPORT___4 23650	33.85 1.52 -6.34	34.42 1.43 -7.33	34.42 1.63 -2.77	33.90 1.40 -6.63	33.34 1.42 -5.36	31.89 1.33 0.00	76.97 2.58 0.00	39.85 2.48 0.00	76.56 4.75 -0.73	52.16 2.24 -17.68	92.22 4.74 0.00	50.23 2.55 0.00	80.08 3.14 -29.20	47.61 2.84 -1.43	41.22 2.48 -2.80	58.04 2.07 -29.17	85.46 2.38 -54.70	310.92 8.22 -213.60	283.94 3.27 -245.35	279.05 2.92 -241.99	120.16 2.04 -91.65	35.53 1.95 -5.60	35.94 1.74 -4.39	35.41 1.49 -2.85
NORTHPORT___IC 23718	33.98 1.65 -6.34	34.57 1.57 -7.33	34.59 1.80 -2.77	34.04 1.55 -6.63	33.50 1.58 -5.36	32.07 1.52 0.00	77.46 3.06 0.00	40.15 2.78 0.00	77.10 5.29 -0.73	52.35 2.43 -17.68	92.66 5.18 0.00	50.45 2.76 0.00	80.36 3.43 -29.20	47.86 3.09 -1.43	41.51 2.78 -2.80	58.26 2.29 -29.17	85.70 2.63 -54.70	311.73 9.03 -213.60	284.25 3.58 -245.35	279.30 3.18 -241.99	120.38 2.26 -91.65	35.77 2.19 -5.60	36.24 2.03 -4.39	35.72 1.80 -2.85
NORTH___COUNTRY_ESR 323785	25.47 -0.53 0.00	25.14 -0.53 0.00	29.70 -0.31 0.00	25.50 -0.37 0.00	26.04 -0.52 0.00	30.02 -0.53 0.00	73.52 -0.88 0.00	36.20 -1.17 0.00	68.49 -2.59 0.00	31.14 -1.10 0.00	85.73 -1.75 0.00	47.11 -0.58 0.00	47.24 -0.50 0.00	43.03 -0.32 0.00	35.28 -0.66 0.00	26.48 -0.33 0.00	27.81 -0.56 0.00	87.30 -1.81 0.00	34.72 -0.60 0.00	33.84 -0.30 0.00	26.26 -0.22 0.00	27.72 -0.26 0.00	29.95 0.14 0.00	31.19 0.12 0.00
NPX_GEN_1385_PROXY 323591	33.24 0.90 -6.34	33.82 0.83 -7.33	33.73 0.94 -2.77	33.30 0.81 -6.63	32.73 0.82 -5.36	31.21 0.65 0.00	76.30 1.91 0.00	40.17 2.79 0.00	76.89 5.08 -0.73	51.66 1.74 -17.68	90.17 2.69 0.00	48.75 1.39 0.33	79.29 2.35 -29.20	46.77 1.99 -1.43	40.49 1.75 -2.80	51.25 1.64 -22.80	85.05 1.97 -54.70	312.80 6.99 -216.70	283.38 2.71 -245.35	273.05 2.21 -236.70	119.62 1.50 -91.65	35.01 1.42 -5.60	35.43 1.23 -4.39	34.82 0.90 -2.85
NPX_GEN_CSC 323557	33.97 1.64 -6.34	34.47 1.48 -7.33	34.50 1.71 -2.77	33.97 1.47 -6.63	33.45 1.54 -5.36	32.11 1.56 0.00	77.81 3.41 0.00	40.42 3.05 0.00	77.92 6.11 -0.73	52.76 2.83 -17.68	93.02 5.54 0.00	50.26 2.57 0.00	80.99 4.06 -29.20	48.45 3.68 -1.43	42.00 3.26 -2.80	66.92 2.57 -37.56	44.88 2.85 -13.66	316.71 10.91 -216.70	285.01 4.34 -245.35	279.95 3.83 -241.99	120.87 2.75 -91.65	36.34 2.75 -5.60	36.76 2.56 -4.39	36.19 2.27 -2.85
NSINS_S_GLNS_FALLS 23858	27.21 1.21 0.00	26.78 1.11 0.00	31.18 1.16 0.00	26.87 1.00 0.00	27.76 1.20 0.00	32.09 1.54 0.00	78.07 3.67 0.00	39.59 2.21 0.00	75.26 4.18 0.00	34.03 1.79 0.00	92.07 4.59 0.00	50.06 2.37 0.00	50.38 2.64 0.00	45.41 2.07 0.00	37.54 1.60 0.00	28.19 1.38 0.00	34.50 1.62 -4.51	93.79 4.69 0.00	37.19 1.88 0.00	36.03 1.89 0.00	27.87 1.39 0.00	29.21 1.22 0.00	31.04 1.23 0.00	32.11 1.04 0.00
NUCOR_STEEL___DRP 24197	25.76 -0.24 0.00	25.48 -0.18 0.00	29.84 -0.18 0.00	25.78 -0.08 0.00	26.48 -0.08 0.00	30.49 -0.06 0.00	74.07 -0.33 0.00	37.39 0.02 0.00	70.97 -0.10 0.00	32.15 -0.10 0.00	87.10 -0.38 0.00	47.37 -0.31 0.00	47.27 -0.46 0.00	43.01 -0.33 0.00	35.91 -0.03 0.00	26.64 -0.17 0.00	29.18 0.00 -0.81	89.19 0.09 0.00	35.42 0.11 0.00	34.25 0.12 0.00	26.37 -0.11 0.00	27.95 -0.04 0.00	29.64 -0.17 0.00	31.11 0.04 0.00
NUMBER_THREE_WT_PWR 323818	25.02 -0.98 0.00	25.16 -0.50 0.00	29.80 -0.21 0.00	25.37 -0.49 0.00	26.02 -0.54 0.00	30.45 -0.11 0.00	74.36 -0.04 0.00	37.15 -0.23 0.00	71.09 0.01 0.00	32.00 -0.24 0.00	86.54 -0.94 0.00	46.61 -1.08 0.00	45.87 -1.87 0.00	41.58 -1.77 0.00	34.53 -1.41 0.00	25.98 -0.82 0.00	28.40 -0.22 -0.25	90.02 0.91 0.00	35.49 0.18 0.00	34.38 0.24 0.00	26.42 -0.06 0.00	27.79 -0.19 0.00	29.63 -0.18 0.00	31.26 0.19 0.00
NYISO_LBMP_REFERENCE 24008	26.00 0.00 0.00	25.67 0.00 0.00	30.01 0.00 0.00	25.86 0.00 0.00	26.56 0.00 0.00	30.55 0.00 0.00	74.40 0.00 0.00	37.37 0.00 0.00	71.08 0.00 0.00	32.24 0.00 0.00	87.48 0.00 0.00	47.69 0.00 0.00	47.74 0.00 0.00	43.34 0.00 0.00	35.94 0.00 0.00	26.81 0.00 0.00	28.37 0.00 0.00	89.10 0.00 0.00	35.32 0.00 0.00	34.14 0.00 0.00	26.48 0.00 0.00	27.99 0.00 0.00	29.81 0.00 0.00	31.07 0.00 0.00
NYPA_BRENTWD___GT 24164	34.28 1.95 -6.34	34.83 1.83 -7.33	34.89 2.10 -2.77	34.30 1.81 -6.63	33.77 1.85 -5.36	32.44 1.89 0.00	78.31 3.92 0.00	40.62 3.25 0.00	78.21 6.40 -0.73	52.87 2.95 -17.68	94.06 6.58 0.00	51.22 3.53 0.00	81.14 4.20 -29.20	48.47 3.70 -1.43	42.04 3.30 -2.80	58.70 2.72 -29.17	86.16 3.09 -54.70	313.29 10.59 -213.60	284.81 4.14 -245.35	279.78 3.66 -241.99	120.81 2.68 -91.65	36.21 2.63 -5.60	36.65 2.45 -4.39	36.11 2.19 -2.85
NYPA_GOWANUS___GT5 24156	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
NYPA_GOWANUS___GT6 24157	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.94 3.54 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.87 3.18 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.00 8.90 0.00	38.92 3.60 0.00	37.39 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00
NYPA_HARLEM__RVR_GT1 24160	27.27 1.27 0.00	26.83 1.16 0.00	31.31 1.29 0.00	27.02 1.16 0.00	27.77 1.21 0.00	31.79 1.24 0.00	77.45 3.05 0.00	39.89 2.52 0.00	75.71 4.63 0.00	34.58 2.34 0.00	92.74 5.25 0.00	50.64 2.95 0.00	50.97 3.24 0.00	46.12 2.78 0.00	38.50 2.57 0.00	28.95 2.15 0.00	34.28 2.41 -3.51	97.64 8.54 0.00	38.69 3.37 0.00	37.12 2.98 0.00	28.59 2.11 0.00	29.93 1.94 0.00	31.49 1.68 0.00	32.40 1.33 0.00
NYPA_HARLEM__RVR_GT2 24161	27.27 1.27 0.00	26.83 1.16 0.00	31.31 1.29 0.00	27.02 1.16 0.00	27.77 1.21 0.00	31.79 1.24 0.00	77.45 3.05 0.00	39.89 2.52 0.00	75.71 4.63 0.00	34.58 2.34 0.00	92.74 5.25 0.00	50.64 2.95 0.00	50.97 3.24 0.00	46.12 2.78 0.00	38.50 2.57 0.00	28.95 2.15 0.00	34.28 2.41 -3.51	97.64 8.54 0.00	38.69 3.37 0.00	37.12 2.98 0.00	28.59 2.11 0.00	29.93 1.94 0.00	31.49 1.68 0.00	32.40 1.33 0.00

NYPA_KENT____GT 24152	27.46 1.47 0.00	27.02 1.35 0.00	31.54 1.52 0.00	27.20 1.34 0.00	27.95 1.39 0.00	32.01 1.45 0.00	77.89 3.49 0.00	40.13 2.75 0.00	76.04 4.96 0.00	34.71 2.47 0.00	93.19 5.71 0.00	50.85 3.16 0.00	51.20 3.46 0.00	46.31 2.97 0.00	38.69 2.75 0.00	29.10 2.29 0.00	34.50 2.63 -3.51	97.97 8.86 0.00	38.87 3.56 0.00	37.33 3.20 0.00	28.74 2.27 0.00	30.10 2.12 0.00	31.69 1.88 0.00	32.62 1.55 0.00
NYPA_POUCH1____GT 24155	27.54 1.54 0.00	27.08 1.42 0.00	31.63 1.61 0.00	27.28 1.41 0.00	28.02 1.46 0.00	32.09 1.53 0.00	78.02 3.62 0.00	40.21 2.83 0.00	76.15 5.07 0.00	34.78 2.53 0.00	93.29 5.81 0.00	50.92 3.23 0.00	51.26 3.52 0.00	46.37 3.03 0.00	38.77 2.83 0.00	29.17 2.37 0.00	34.56 2.70 -3.51	98.14 9.03 0.00	38.97 3.65 0.00	37.43 3.29 0.00	28.82 2.34 0.00	30.19 2.20 0.00	31.79 1.98 0.00	32.73 1.66 0.00
NYPA_VERNON____GT2 24162	27.42 1.42 0.00	26.98 1.31 0.00	31.49 1.47 0.00	27.16 1.29 0.00	27.90 1.34 0.00	31.98 1.42 0.00	77.85 3.45 0.00	40.08 2.71 0.00	76.02 4.94 0.00	34.69 2.44 0.00	93.17 5.69 0.00	50.84 3.15 0.00	51.18 3.45 0.00	46.30 2.97 0.00	38.65 2.72 0.00	29.07 2.26 0.00	34.46 2.60 -3.51	97.95 8.85 0.00	38.84 3.52 0.00	37.28 3.14 0.00	28.69 2.22 0.00	30.06 2.07 0.00	31.64 1.83 0.00	32.56 1.49 0.00
NYPA_VERNON____GT3 24163	27.42 1.42 0.00	26.98 1.31 0.00	31.49 1.47 0.00	27.16 1.29 0.00	27.90 1.34 0.00	31.98 1.42 0.00	77.85 3.45 0.00	40.08 2.71 0.00	76.02 4.94 0.00	34.69 2.44 0.00	93.17 5.69 0.00	50.84 3.15 0.00	51.18 3.45 0.00	46.30 2.97 0.00	38.65 2.72 0.00	29.07 2.26 0.00	34.46 2.60 -3.51	97.95 8.85 0.00	38.84 3.52 0.00	37.28 3.14 0.00	28.69 2.22 0.00	30.06 2.07 0.00	31.64 1.83 0.00	32.56 1.49 0.00
NYPA____ASTORIA_CC1 323568	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.41 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.00 5.52 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.45 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
NYPA____ASTORIA_CC2 323569	27.37 1.38 0.00	26.92 1.26 0.00	31.43 1.41 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.36 0.00	77.70 3.30 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.63 2.38 0.00	93.00 5.52 0.00	50.75 3.06 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.21 0.00	34.40 2.53 -3.51	97.77 8.67 0.00	38.76 3.45 0.00	37.21 3.07 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
NYPA____HOLTSVILL 23794	34.16 1.83 -6.34	34.71 1.71 -7.33	34.76 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.16 3.76 0.00	40.51 3.14 0.00	77.89 6.08 -0.73	52.75 2.82 -17.68	93.63 6.15 0.00	50.93 3.24 0.00	80.92 3.98 -29.20	48.32 3.55 -1.43	41.89 3.15 -2.80	58.55 2.58 -29.17	86.01 2.94 -54.70	312.91 10.21 -213.60	284.71 4.04 -245.35	279.73 3.60 -241.99	120.69 2.57 -91.65	36.11 2.53 -5.60	36.53 2.33 -4.39	35.98 2.06 -2.85
NYPA____HELLGATE_GT1 24158	27.27 1.27 0.00	26.83 1.16 0.00	31.31 1.29 0.00	27.02 1.16 0.00	27.77 1.21 0.00	31.80 1.24 0.00	77.39 3.00 0.01	39.85 2.49 0																

OLIN_CORP_DSASP 323712	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.59 0.00	27.96 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.20 -6.87 0.00	28.97 -3.27 0.00	75.51 -11.07 0.90	41.57 -6.12 0.00	41.28 -6.45 0.00	37.97 -5.38 0.00	32.17 -3.77 0.00	23.93 -2.88 0.00	26.51 -2.83 -0.97	80.14 -8.97 0.00	31.87 -3.44 0.00	31.03 -3.10 0.00	23.88 -2.60 0.00	25.30 -2.69 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
ONEIDA_HERK_LFGE 323681	25.94 -0.06 0.00	25.80 0.13 0.00	30.29 0.27 0.00	25.98 0.12 0.00	26.70 0.14 0.00	30.95 0.39 0.00	75.54 1.14 0.00	37.96 0.59 0.00	72.32 1.25 0.00	32.71 0.47 0.00	88.49 1.01 0.00	47.93 0.24 0.00	47.62 -0.12 0.00	43.23 -0.10 0.00	35.95 0.01 0.00	26.90 0.09 0.00	29.03 0.44 -0.23	91.20 2.10 0.00	36.06 0.75 0.00	34.86 0.72 0.00	26.89 0.41 0.00	28.32 0.33 0.00	30.14 0.33 0.00	31.54 0.47 0.00
ONEIDA___115KV_TB4 55905	26.41 0.42 0.00	26.15 0.48 0.00	30.56 0.55 0.00	26.34 0.47 0.00	27.09 0.52 0.00	31.27 0.71 0.00	76.32 1.92 0.00	38.50 1.13 0.00	73.16 2.08 0.00	33.16 0.92 0.00	89.66 2.18 0.00	48.66 0.97 0.00	48.50 0.76 0.00	44.12 0.78 0.00	36.77 0.83 0.00	27.44 0.63 0.00	29.65 0.87 -0.41	92.03 2.93 0.00	36.41 1.09 0.00	35.16 1.03 0.00	27.15 0.67 0.00	28.59 0.61 0.00	30.42 0.61 0.00	31.72 0.65 0.00
ONONDAGA_REF_OCCRA 23987	25.77 -0.23 0.00	25.48 -0.19 0.00	29.76 -0.25 0.00	25.66 -0.20 0.00	26.36 -0.20 0.00	30.36 -0.20 0.00	73.89 -0.51 0.00	37.30 -0.07 0.00	70.85 -0.23 0.00	32.14 -0.11 0.00	86.81 -0.68 0.00	47.19 -0.50 0.00	47.18 -0.56 0.00	42.90 -0.45 0.00	35.71 -0.23 0.00	26.59 -0.21 0.00	29.04 -0.08 -0.75	88.83 -0.27 0.00	35.21 -0.11 0.00	34.02 -0.12 0.00	26.29 -0.18 0.00	27.75 -0.24 0.00	29.57 -0.24 0.00	30.94 -0.14 0.00
ONONDAGA___COGEN 23986	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -0.70 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.60 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.30 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.18 0.00
ONTARIO___LFGE 23819	25.34 -0.66 0.00	25.12 -0.55 0.00	29.23 -0.78 0.00	25.34 -0.53 0.00	26.07 -0.50 0.00	30.11 -0.44 0.00	73.25 -1.15 0.00	37.25 -0.12 0.00	70.51 -0.57 0.00	31.96 -0.29 0.00	88.91 -1.66 -3.08	46.42 -1.27 0.00	46.22 -1.53 -0.01	42.26 -1.08 0.00	35.52 -0.42 0.00	26.53 -0.28 0.00	29.26 -0.03 -0.92	88.93 -0.18 0.00	35.22 -0.09 0.00	34.10 -0.04 0.00	26.32 -0.15 0.00	27.76 -0.23 0.00	29.61 -0.20 0.00	30.83 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	23.87 -2.13 0.00	23.82 -1.85 0.00	27.75 -2.27 0.00	24.06 -1.81 0.00	24.73 -1.83 0.00	28.73 -1.82 0.00	69.79 -4.61 0.00	35.72 -1.65 0.00	67.45 -3.63 0.00	30.52 -1.72 0.00	80.57 -6.37 0.54	43.62 -4.07 0.00	43.43 -4.30 0.00	40.04 -3.30 0.00	33.91 -2.03 0.00	25.16 -1.64 0.00	27.97 -1.47 -1.07	84.98 -4.12 0.00	33.69 -1.63 0.00	32.70 -1.44 0.00	25.12 -1.35 0.00	26.69 -1.30 0.00	28.70 -1.11 0.00	30.08 -0.99 0.00
ORANGEVILLE___ESR 323794	23.87 -2.13 0.00	23.82 -1.85 0.00	27.75 -2.27 0.00	24.06 -1.81 0.00	24.73 -1.83 0.00	28.73 -1.82 0.00	69.79 -4.61 0.00	35.72 -1.65 0.00	67.45 -3.63 0.00	30.52 -1.72 0.00	80.57 -6.37 0.54	43.62 -4.07 0.00	43.43 -4.30 0.00	40.04 -3.30 0.00	33.91 -2.03 0.00	25.16 -1.64 0.00	27.97 -1.47 -1.07	84.98 -4.12 0.00	33.69 -1.63 0.00	32.70 -1.44 0.00	25.12 -1.35 0.00	26.69 -1.30 0.00	28.70 -1.11 0.00	30.08 -0.99 0.00
OSWEGATCHIE___HYD 24044	25.39 -0.61 0.00	25.31 -0.36 0.00	29.82 -0.19 0.00	25.53 -0.34 0.00	26.17 -0.39 0.00	30.43 -0.12 0.00	74.30 -0.10 0.00	36.97 -0.40 0.00	70.55 -0.53 0.00	31.87 -0.38 0.00	86.68 -0.81 0.00	47.03 -0.66 0.00	46.65 -1.10 0.00	42.30 -1.05 0.00	34.94 -1.00 0.00	26.13 -0.67 0.00	28.11 -0.44 -0.18	88.41 -0.70 0.00	34.92 -0.40 0.00	33.83 -0.30 0.00	26.17 -0.31 0.00	27.74 -0.25 0.00	29.70 -0.11 0.00	31.17 0.10 0.00
OSWEGO___5 23606	25.35 -0.65 0.00	25.06 -0.61 0.00	29.28 -0.74 0.00	25.24 -0.63 0.00	25.93 -0.63 0.00	29.84 -0.71 0.00	72.53 -1.87 0.00	36.52 -0.85 0.00	69.37 -1.70 0.00	31.46 -0.78 0.00	85.05 -2.43 0.00	46.29 -1.40 0.00	46.30 -1.44 0.00	42.08 -1.26 0.00	34.95 -0.98 0.00	26.02 -0.79 0.00	28.23 -0.72 -0.58	86.81 -2.29 0.00	34.42 -0.90 0.00	33.27 -0.87 0.00	25.74 -0.74 0.00	27.17 -0.81 0.00	28.98 -0.83 0.00	30.38 -0.69 0.00
OSWEGO___6 23613	25.35 -0.65 0.00	25.06 -0.61 0.00	29.28 -0.74 0.00	25.24 -0.63 0.00	25.93 -0.63 0.00	29.84 -0.71 0.00	72.53 -1.87 0.00	36.52 -0.85 0.00	69.37 -1.70 0.00	31.46 -0.78 0.00	85.05 -2.43 0.00	46.29 -1.40 0.00	46.30 -1.44 0.00	42.08 -1.26 0.00	34.95 -0.98 0.00	26.02 -0.79 0.00	28.23 -0.72 -0.58	86.81 -2.29 0.00	34.42 -0.90 0.00	33.27 -0.87 0.00	25.74 -0.74 0.00	27.17 -0.81 0.00	28.98 -0.83 0.00	30.38 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	24.14 -1.85 0.00	24.03 -1.64 0.00	27.85 -2.17 0.00	24.03 -1.83 0.00	24.61 -1.95 0.00	28.69 -1.86 0.00	69.70 -4.70 0.00	35.36 -2.02 0.00	66.56 -4.52 0.00	29.97 -2.27 0.00	78.27 -8.34 0.88	43.04 -4.65 0.00	42.79 -4.94 0.00	39.36 -3.99 0.00	33.28 -2.66 0.00	24.73 -2.08 0.00	27.41 -1.94 -0.98	83.12 -5.99 0.00	33.06 -2.26 0.00	32.14 -1.99 0.00	24.71 -1.77 0.00	26.15 -1.84 0.00	28.17 -1.64 0.00	29.69 -1.38 0.00
OXBOW____ 24026	23.93 -2.07 0.00	23.81 -1.86 0.00	27.58 -2.43 0.00	23.80 -2.07 0.00	24.36 -2.20 0.00	28.41 -2.14 0.00	68.98 -5.42 0.00	34.91 -2.46 0.00	65.56 -5.52 0.00	29.57 -2.67 0.00	77.20 -9.39 0.89	42.44 -5.25 0.00	42.18 -5.56 0.00	38.79 -4.55 0.00	32.84 -3.10 0.00	24.42 -2.39 0.00	27.04 -2.29 -0.97	81.92 -7.18 0.00	32.57 -2.75 0.00	31.69 -2.45 0.00	24.38 -2.10 0.00	25.82 -2.17 0.00	27.84 -1.98 0.00	29.39 -1.68 0.00
OXY_CHEM_DSASP 323612	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.60 0.00	27.95 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.30 -6.78 0.00	28.97 -3.27 0.00	75.38 -11.20 0.90	41.57 -6.12 0.00	41.28 -6.46 0.00	37.98 -5.37 0.00	32.17 -3.77 0.00	23.91 -2.89 0.00	26.51 -2.82 -0.97	80.14 -8.96 0.00	31.88 -3.43 0.00	31.03 -3.11 0.00	23.87 -2.60 0.00	25.28 -2.71 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
OZONE_PARK_ESR 323760	27.64 1.64 0.00	27.18 1.51 0.00	31.73 1.71 0.00	27.34 1.48 0.00	28.10 1.53 0.00	32.21 1.66 0.00	78.43 4.04 0.00	40.40 3.02 0.00	76.66 5.59 0.00	34.95 2.71 0.00	93.94 6.45 0.00	51.22 3.53 0.00	51.61 3.87 0.00	46.68 3.34 0.00	38.94 3.00 0.00	29.27 2.47 0.00	34.73 2.86 -3.51	98.77 9.67 0.00	39.19 3.87 0.00	37.61 3.47 0.00	28.95 2.47 0.00	30.32 2.34 0.00	31.90 2.09 0.00	32.82 1.75 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.60 0.00	27.95 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.30 -6.78 0.00	28.97 -3.27 0.00	75.38 -11.20 0.90	41.57 -6.12 0.00	41.28 -6.46 0.00	37.98 -5.37 0.00	32.17 -3.77 0.00	23.91 -2.89 0.00	26.51 -2.82 -0.97	80.14 -8.96 0.00	31.88 -3.43 0.00	31.03 -3.11 0.00	23.87 -2.60 0.00	25.28 -2.71 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
PACKARD__115KV_DUPONT_184 80571	23.57 -2.43 0.00	23.46 -2.21 0.00	27.16 -2.86 0.00	23.42 -2.44 0.00	23.97 -2.60 0.00	27.95 -2.60 0.00	67.83 -6.57 0.00	34.23 -3.14 0.00	64.30 -6.78 0.00	28.97 -3.27 0.00	75.38 -11.20 0.90	41.57 -6.12 0.00	41.28 -6.46 0.00	37.98 -5.37 0.00	32.17 -3.77 0.00	23.91 -2.89 0.00	26.51 -2.82 -0.97	80.14 -8.96 0.00	31.88 -3.43 0.00	31.03 -3.11 0.00	23.87 -2.60 0.00	25.28 -2.71 0.00	27.33 -2.48 0.00	28.90 -2.17 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.32 1.33 0.00	26.89 1.22 0.00	31.38 1.36 0.00	27.08 1.21 0.00	27.82 1.26 0.00	31.86 1.31 0.00	77.62 3.22 0.00	39.96 2.58 0.00	75.82 4.74 0.00	34.61 2.37 0.00	92.86 5.38 0.00	50.68 2.99 0.00	51.02 3.28 0.00	46.16 2.82 0.00	38.54 2.60 0.00	28.97 2.17 0.00	34.32 2.45 -3.51	97.71 8.60 0.00	38.70 3.39 0.00	37.15 3.01 0.00	28.61 2.14 0.00	29.96 1.98 0.00	31.52 1.71 0.00	32.45 1.38 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.44 1.45 0.00	27.06 1.40 0.00	31.58 1.57 0.00	27.21 1.34 0.00	27.95 1.39 0.00	32.08 1.53 0.00	78.10 3.71 0.00	40.28 2.90 0.00	76.19 5.12 0.00	34.77 2.53 0.00	93.24 5.76 0.00	50.84 3.15 0.00	51.19 3.45 0.00	46.31 2.97 0.00	38.67 2.73 0.00	29.08 2.27 0.00	34.42 2.55 -3.51	98.02 8.91 0.00	38.83 3.51 0.00	37.25 3.11 0.00	28.69 2.21 0.00	30.04 2.05 0.00	31.53 1.72 0.00	32.45 1.38 0.00
PATROON__115KV_TB1 80586	26.56 0.56 0.00	26.20 0.53 0.00	30.58 0.57 0.00	26.36 0.49 0.00	27.11 0.55 0.00	31.09 0.53 0.00	75.87 1.47 0.00	38.49 1.11 0.00	73.08 2.01 0.00	33.15 0.91 0.00	89.63 2.15 0.00	48.82 1.13 0.00	48.99 1.25 0.00	44.48 1.14 0.00	36.90 0.96 0.00	27.72 0.91 0.00	33.88 1.12 -4.40	92.62 3.52 0.00	36.66 1.34 0.00	35.41 1.27 0.00	27.38 0.91 0.00	28.79 0.80 0.00	30.37 0.56 0.00	31.42 0.35 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.72 -1.28 0.00	24.58 -1.09 0.00	28.51 -1.51 0.00	24.62 -1.24 0.00	25.24 -1.32 0.00	29.39 -1.17 0.00	71.38 -3.02 0.00	36.42 -0.95 0.00	68.66 -2.42 0.00	30.92 -1.32 0.00	81.28 -5.41 0.79	44.58 -3.11 0.00	44.32 -3.41 0.00	40.65 -2.69 0.00	34.32 -1.62 0.00	25.48 -1.32 0.00	28.23 -1.15 -1.01	85.97 -3.13 0.00	34.14 -1.18 0.00	33.19 -0.95 0.00	25.47 -1.01 0.00	26.95 -1.04 0.00	28.95 -0.87 0.00	30.40 -0.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.49 1.49 0.00	27.06 1.39 0.00	31.58 1.57 0.00	27.22 1.36 0.00	27.98 1.41 0.00	32.11 1.56 0.00	78.30 3.90 0.00	40.14 2.77 0.00	76.14 5.07 0.00	34.66 2.41 0.00	93.32 5.84 0.00	50.90 3.22 0.00	51.17 3.43 0.00	46.36 3.02 0.00	38.60 2.66 0.00	28.99 2.19 0.00	34.48 2.57 -3.55	97.73 8.62 0.00	38.76 3.45 0.00	37.29 3.15 0.00	28.71 2.23 0.00	30.10 2.12 0.00	31.70 1.89 0.00	32.67 1.60 0.00
PEEKSKILL____ 23653	27.21 1.21 0.00	26.78 1.11 0.00	31.28 1.26 0.00	26.96 1.10 0.00	27.71 1.15 0.00	31.76 1.21 0.00	77.33 2.94 0.00	39.68 2.30 0.00	75.22 4.15 0.00	34.25 2.01 0.00	92.21 4.73 0.00	50.32 2.63 0.00	50.63 2.89 0.00	45.85 2.50 0.00	38.20 2.26 0.00	28.69 1.89 0.00	34.06 2.23 -3.46	96.66 7.56 0.00	38.34 3.03 0.00	36.87 2.73 0.00	28.37 1.90 0.00	29.76 1.77 0.00	31.35 1.54 0.00	32.33 1.26 0.00
PGE MADISON____WINDPWR 24146	27.10 1.10 0.00	26.71 1.04 0.00	31.21 1.19 0.00	27.11 1.25 0.00	28.00 1.44 0.00	32.57 2.02 0.00	79.92 5.52 0.00	40.75 3.38 0.00	76.84 5.76 0.00	34.76 2.52 0.00	94.06 6.58 0.00	50.92 3.23 0.00	50.47 2.73 0.00	45.58 2.24 0.00	38.00 2.06 0.00	28.75 1.95 0.00	32.17 2.40 -1.40	97.78 8.68 0.00	38.71 3.39 0.00	37.32 3.18 0.00	28.60 2.12 0.00	30.07 2.08 0.00	31.88 2.07 0.00	32.93 1.86 0.00
PIERCEFIELD____HYD 23852	26.04 0.04 0.00	25.77 0.10 0.00	30.27 0.25 0.00	26.01 0.14 0.00	26.65 0.09 0.00	30.83 0.27 0.00	75.28 0.88 0.00	37.29 -0.08 0.00	71.02 -0.05 0.00	32.21 -0.03 0.00	88.13 0.65 0.00	48.11 0.42 0.00	47.99 0.25 0.00	43.51 0.17 0.00	35.77 -0.17 0.00	26.59 -0.21 0.00	28.13 -0.34 -0.10	88.09 -1.02 0.00	34.87 -0.44 0.00	33.81 -0.33 0.00	26.31 -0.17 0.00	28.07 0.08 0.00	30.18 0.37 0.00	31.51 0.44 0.00
PINELAWN_CC_1 323563	34.17 1.84 -6.34	34.72 1.73 -7.33	34.77 1.98 -2.77	34.20 1.70 -6.63	33.67 1.75 -5.36	32.34 1.79 0.00	78.22 3.82 0.00	40.52 3.14 0.00	77.87 6.06 -0.73	52.77 2.84 -17.68	93.89 6.42 0.00	51.13 3.44 0.00	81.00 4.07 -29.20	48.39 3.62 -1.43	41.95 3.22 -2.80	58.60 2.62 -29.17	86.05 2.98 -54.70	312.80 10.10 -213.60	284.67 4.00 -245.35	279.74 3.62 -241.99	120.72 2.60 -91.65	36.09 2.50 -5.60	36.50 2.29 -4.39	35.94 2.02 -2.85
PJM_GEN_HTP_PROXY 323702	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.32 0.00	33.15 1.41 -1.19	77.76 3.36 0.00	40.02 2.65 0.00	75.93 4.85 0.00	34.60 2.36 0.00	93.02 5.54 0.00	50.73 3.04 0.00	51.11 3.37 0.00	46.22 2.88 0.00	38.55 2.61 0.00	28.99 2.18 0.00	35.28 2.53 -4.38	97.74 8.64 0.00	38.77 3.46 0.00	37.23 3.09 0.00	28.65 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
PJM_GEN_KEystone 24065	25.98 -0.02 0.00	25.70 0.03 0.00	29.96 -0.06 0.00	25.85 -0.01 0.00	26.54 -0.02 0.00	31.74 -0.01 -1.19	74.26 -0.13 0.00	41.48 0.61 -3.50	69.46 0.64 2.25	19.35 0.30 13.18	87.11 -0.07 0.30	47.64 -0.05 0.00	47.67 -0.07 0.00	43.27 -0.07 0.00	36.24 0.30 0.00	27.08 0.28 0.00	23.95 0.55 4.97	96.53 2.35 -5.07	34.69 0.96 1.58	35.03 0.89 0.00	26.91 0.43 0.00	28.33 0.35 0.00	30.08 0.26 0.00	31.23 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.02 1.68 -6.34	34.57 1.58 -7.33	34.59 1.80 -2.77	34.04 1.55 -6.63	33.51 1.60 -5.36	33.37 1.64 -1.19	77.89 3.49 0.00	40.26 2.89 0.00	77.26 5.46 -0.73	52.52 2.60 -17.68	93.30 5.81 0.00	50.86 3.18 0.00	80.61 3.68 -29.20	48.05 3.28 -1.43	41.64 2.91 -2.80	58.36 2.39 -29.17	86.66 2.71 -55.58	311.88 9.18 -213.60	284.33 3.66 -245.35	279.48 3.35 -241.99	120.51 2.39 -91.65	35.86 2.28 -5.60	36.28 2.07 -4.39	35.72 1.79 -2.85
PJM_GEN_VFT_PROXY 323633	27.32 1.33 0.00	26.87 1.21 0.00	31.39 1.38 0.00	27.07 1.20 0.00	27.81 1.25 0.00	33.03 1.29 -1.19	77.43 3.03 0.00	39.87 2.49 0.00	75.54 4.46 0.00	-153.92 2.18 188.35	92.50 5.02 0.00	50.47 2.78 0.00	50.85 3.11 0.00	45.96 2.62 0.00	38.37 2.44 0.00	28.83 2.02 0.00	35.16 2.41 -4.39	97.37 8.27 0.00	38.63 3.31 0.00	37.07 2.93 0.00	28.55 2.07 0.00	29.90 1.92 0.00	31.46 1.65 0.00	32.39 1.32 0.00

PLATSBRG_115KV_PMLD1 355749	25.70 -0.29 0.00	25.36 -0.31 0.00	30.00 -0.02 0.00	25.80 -0.07 0.00	26.36 -0.20 0.00	30.39 -0.16 0.00	74.49 0.09 0.00	36.74 -0.63 0.00	69.54 -1.54 0.00	31.57 -0.67 0.00	86.86 -0.62 0.00	47.68 -0.01 0.00	47.80 0.06 0.00	43.53 0.19 0.00	35.71 -0.23 0.00	26.88 0.07 0.00	28.20 -0.17 0.00	88.60 -0.50 0.00	35.30 -0.02 0.00	34.42 0.28 0.00	26.65 0.18 0.00	28.08 0.09 0.00	30.28 0.47 0.00	31.55 0.47 0.00
PLEASANTVLY___LBMP 24000	27.13 1.13 0.00	26.70 1.03 0.00	31.17 1.16 0.00	26.86 1.00 0.00	27.60 1.04 0.00	31.65 1.10 0.00	77.14 2.74 0.00	39.50 2.13 0.00	74.90 3.82 0.00	34.07 1.82 0.00	91.76 4.28 0.00	50.08 2.39 0.00	50.34 2.60 0.00	45.63 2.29 0.00	37.97 2.03 0.00	28.53 1.73 0.00	34.10 2.06 -3.67	95.95 6.84 0.00	38.04 2.72 0.00	36.61 2.47 0.00	28.21 1.73 0.00	29.60 1.61 0.00	31.19 1.38 0.00	32.17 1.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.30 1.30 0.00	26.88 1.21 0.00	31.37 1.36 0.00	27.04 1.17 0.00	27.78 1.22 0.00	31.87 1.31 0.00	77.61 3.21 0.00	39.82 2.45 0.00	75.52 4.44 0.00	34.39 2.15 0.00	92.57 5.09 0.00	50.52 2.83 0.00	50.81 3.07 0.00	46.01 2.67 0.00	38.34 2.40 0.00	28.80 2.00 0.00	34.23 2.34 -3.53	96.98 7.88 0.00	38.48 3.16 0.00	36.99 2.86 0.00	28.47 2.00 0.00	29.87 1.88 0.00	31.46 1.65 0.00	32.42 1.35 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.30 1.30 0.00	26.88 1.21 0.00	31.37 1.36 0.00	27.04 1.17 0.00	27.78 1.22 0.00	31.87 1.31 0.00	77.61 3.21 0.00	39.82 2.45 0.00	75.52 4.44 0.00	34.39 2.15 0.00	92.57 5.09 0.00	50.52 2.83 0.00	50.81 3.07 0.00	46.01 2.67 0.00	38.34 2.40 0.00	28.80 2.00 0.00	34.23 2.34 -3.53	96.98 7.88 0.00	38.48 3.16 0.00	36.99 2.86 0.00	28.47 2.00 0.00	29.87 1.88 0.00	31.46 1.65 0.00	32.42 1.35 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.37 1.37 0.00	26.94 1.27 0.00	31.45 1.43 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.96 1.40 0.00	77.93 3.53 0.00	39.92 2.55 0.00	75.69 4.61 0.00	34.42 2.17 0.00	92.75 5.26 0.00	50.60 2.91 0.00	50.86 3.12 0.00	46.10 2.76 0.00	38.36 2.42 0.00	28.80 2.00 0.00	34.31 2.38 -3.56	97.03 7.92 0.00	38.48 3.16 0.00	37.04 2.90 0.00	28.53 2.05 0.00	29.92 1.94 0.00	31.51 1.70 0.00	32.50 1.43 0.00
POLETTI____ 23519	27.37 1.38 0.00	26.93 1.26 0.00	31.43 1.42 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.91 1.35 0.00	77.64 3.24 0.00	39.97 2.60 0.00	75.83 4.75 0.00	34.57 2.33 0.00	92.94 5.46 0.00	50.69 3.00 0.00	51.07 3.33 0.00	46.18 2.84 0.00	38.53 2.59 0.00	28.98 2.17 0.00	34.38 2.51 -3.51	97.84 8.74 0.00	38.81 3.49 0.00	37.19 3.05 0.00	28.61 2.14 0.00	29.98 1.99 0.00	31.55 1.74 0.00	32.44 1.37 0.00
POMONA____ESR 323819	27.20 1.20 0.00	26.77 1.10 0.00	31.29 1.28 0.00	26.98 1.11 0.00	27.71 1.15 0.00	31.77 1.21 0.00	77.37 2.97 0.00	39.65 2.28 0.00	75.12 4.05 0.00	34.22 1.98 0.00	92.17 4.69 0.00	50.33 2.64 0.00	50.62 2.89 0.00	45.85 2.50 0.00	38.20 2.26 0.00	28.68 1.87 0.00	33.95 2.21 -3.36	96.63 7.53 0.00	38.33 3.02 0.00	36.87 2.73 0.00	28.36 1.89 0.00	29.75 1.77 0.00	31.34 1.53 0.00	32.33 1.26 0.00
PORT_JEFF_3 23555	34.20 1.87 -6.34	34.74 1.75 -7.33	34.80 2.01 -2.77	34.22 1.73 -6.63	33.69 1.77 -5.36	32.36 1.80 0.00	78.27 3.87 0.00	40.58 3.21 0.00	78.06 6.25 -0.73	52.83 2.90 -17.68	93.81 6.33 0.00	51.02 3.33 0.00	81.04 4.10 -29.20	48.43 3.65 -1.43	41.99 3.25 -2.80	58.63 2.65 -29.17	86.08 3.01 -54.70	313.16 10.46 -213.60	284.81 4.14 -245.35	279.82 3.70 -241.99	120.76 2.64 -91.65	36.18 2.60 -5.60	36.60 2.40 -4.39	36.04 2.12 -2.85
PORT_JEFF_4 23616	34.20 1.87 -6.34	34.74 1.75 -7.33	34.80 2.01 -2.77	34.22 1.73 -6.63	33.69 1.77 -5.36	32.36 1.80 0.00	78.27 3.87 0.00	40.58 3.21 0.00	78.06 6.25 -0.73	52.83 2.90 -17.68	93.81 6.33 0.00	51.02 3.33 0.00	81.04 4.10 -29.20	48.43 3.65 -1.43	41.99 3.25 -2.80	58.63 2.65 -29.17	86.08 3.01 -54.70	313.16 10.46 -213.60	284.81 4.14 -245.35	279.82 3.70 -241.99	120.76 2.64 -91.65	36.18 2.60 -5.60	36.60 2.40 -4.39	36.04 2.12 -2.85
PORT_JEFF_IC 23713	34.20 1.86 -6.34	34.74 1.74 -7.33	34.80 2.00 -2.77	34.21 1.72 -6.63	33.69 1.77 -5.36	32.35 1.80 0.00	78.28 3.88 0.00	40.61 3.23 0.00	78.10 6.29 -0.73	52.84 2.92 -17.68	93.84 6.36 0.00	51.01 3.32 0.00	81.08 4.14 -29.20	48.48 3.71 -1.43	42.02 3.28 -2.80	58.64 2.67 -29.17	83.25 3.03 -51.86	313.33 10.63 -213.60	284.86 4.19 -245.35	279.87 3.75 -241.99	120.80 2.68 -91.65	36.20 2.61 -5.60	36.62 2.42 -4.39	36.06 2.14 -2.85
PPL PILGRIM_ST_GT1 24216	34.28 1.95 -6.34	34.83 1.83 -7.33	34.89 2.10 -2.77	34.30 1.81 -6.63	33.77 1.85 -5.36	32.44 1.89 0.00	78.31 3.92 0.00	40.62 3.25 0.00	78.21 6.40 -0.73	52.87 2.95 -17.68	94.06 6.58 0.00	51.22 3.53 0.00	81.14 4.20 -29.20	48.47 3.70 -1.43	42.04 3.30 -2.80	58.70 2.72 -29.17	86.16 3.09 -54.70	313.29 10.59 -213.60	284.81 4.14 -245.35	279.78 3.66 -241.99	120.81 2.68 -91.65	36.21 2.63 -5.60	36.65 2.45 -4.39	36.11 2.19 -2.85
PPL PILGRIM_ST_GT2 24217	34.28 1.95 -6.34	34.83 1.83 -7.33	34.89 2.10 -2.77	34.30 1.81 -6.63	33.77 1.85 -5.36	32.44 1.89 0.00	78.31 3.92 0.00	40.62 3.25 0.00	78.21 6.40 -0.73	52.87 2.95 -17.68	94.06 6.58 0.00	51.22 3.53 0.00	81.14 4.20 -29.20	48.47 3.70 -1.43	42.04 3.30 -2.80	58.70 2.72 -29.17	86.16 3.09 -54.70	313.29 10.59 -213.60	284.81 4.14 -245.35	279.78 3.66 -241.99	120.81 2.68 -91.65	36.21 2.63 -5.60	36.65 2.45 -4.39	36.11 2.19 -2.85
PPL_SHRM_GT3 24213	34.01 1.67 -6.34	34.52 1.52 -7.33	34.54 1.75 -2.77	34.01 1.52 -6.63	33.49 1.57 -5.36	32.15 1.59 0.00	77.90 3.50 0.00	40.47 3.09 0.00	77.99 6.17 -0.73	52.79 2.86 -17.68	93.15 5.67 0.00	50.35 2.66 0.00	81.02 4.08 -29.20	48.46 3.69 -1.43	42.01 3.27 -2.80	58.56 2.59 -29.17	59.03 2.80 -27.86	312.97 10.27 -213.60	284.85 4.18 -245.35	279.61 3.49 -241.99	120.65 2.53 -91.65	36.36 2.77 -5.60	36.78 2.58 -4.39	36.20 2.28 -2.85
PPL_SHRM_GT4 24214	34.01 1.67 -6.34	34.52 1.52 -7.33	34.54 1.75 -2.77	34.01 1.52 -6.63	33.49 1.57 -5.36	32.15 1.59 0.00	77.90 3.50 0.00	40.47 3.09 0.00	77.99 6.17 -0.73	52.79 2.86 -17.68	93.15 5.67 0.00	50.35 2.66 0.00	81.02 4.08 -29.20	48.46 3.69 -1.43	42.01 3.27 -2.80	58.56 2.59 -29.17	59.03 2.80 -27.86	312.97 10.27 -213.60	284.85 4.18 -245.35	279.61 3.49 -241.99	120.65 2.53 -91.65	36.36 2.77 -5.60	36.78 2.58 -4.39	36.20 2.28 -2.85
PROJECT___ORANGE I 24174	25.62 -0.38 0.00	25.33 -0.34 0.00	29.58 -0.44 0.00	25.51 -0.36 0.00	26.21 -0.35 0.00	30.17 -0.39 0.00	73.39 -1.01 0.00	37.04 -0.33 0.00	70.36 -0.71 0.00	31.92 -0.33 0.00	86.19 -1.29 0.00	46.87 -0.82 0.00	46.87 -0.87 0.00	42.64 -0.70 0.00	35.46 -0.48 0.00	26.40 -0.41 0.00	28.73 -0.32 -0.67	88.02 -1.08 0.00	34.88 -0.43 0.00	33.72 -0.42 0.00	26.08 -0.39 0.00	27.54 -0.45 0.00	29.34 -0.47 0.00	30.74 -0.33 0.00

PROJECT___ORANGE 2 24166	25.62 -0.38 0.00	25.33 -0.34 0.00	29.58 -0.44 0.00	25.51 -0.36 0.00	26.21 -0.35 0.00	30.17 -0.39 0.00	73.39 -1.01 0.00	37.04 -0.33 0.00	70.36 -0.71 0.00	31.92 -0.33 0.00	86.19 -1.29 0.00	46.87 -0.82 0.00	46.87 -0.87 0.00	42.64 -0.70 0.00	35.46 -0.48 0.00	26.40 -0.41 0.00	28.73 -0.32 -0.67	88.02 -1.08 0.00	34.88 -0.43 0.00	33.72 -0.42 0.00	26.08 -0.39 0.00	27.54 -0.45 0.00	29.34 -0.47 0.00	30.74 -0.33 0.00
PUCKETT___SOLAR 323809	26.06 0.06 0.00	25.76 0.09 0.00	30.09 0.07 0.00	26.05 0.18 0.00	26.82 0.25 0.00	30.95 0.39 0.00	75.50 1.10 0.00	38.39 1.02 0.00	72.69 1.61 0.00	32.92 0.67 0.00	88.96 1.48 0.00	48.35 0.66 0.00	48.22 0.48 0.00	43.62 0.27 0.00	36.40 0.46 0.00	27.32 0.52 0.00	30.70 0.84 -1.49	92.28 3.18 0.00	36.58 1.26 0.00	35.28 1.15 0.00	27.12 0.65 0.00	28.61 0.62 0.00	30.40 0.59 0.00	31.52 0.45 0.00
PYRITES___HYD 24023	26.51 0.51 0.00	26.20 0.53 0.00	30.73 0.72 0.00	26.44 0.57 0.00	27.10 0.54 0.00	31.36 0.81 0.00	76.69 2.29 0.00	37.97 0.59 0.00	72.31 1.23 0.00	32.81 0.56 0.00	89.83 2.35 0.00	49.05 1.36 0.00	48.92 1.18 0.00	44.31 0.97 0.00	36.52 0.58 0.00	27.17 0.37 0.00	28.67 0.21 -0.09	89.81 0.71 0.00	35.54 0.22 0.00	34.43 0.30 0.00	26.81 0.34 0.00	28.58 0.59 0.00	30.69 0.88 0.00	32.00 0.94 0.00
QUAKERRD_115KV_BK1 80622	24.33 -1.67 0.00	24.12 -1.55 0.00	28.03 -1.99 0.00	24.18 -1.69 0.00	24.81 -1.76 0.00	28.80 -1.75 0.00	70.14 -4.26 0.00	35.56 -1.81 0.00	67.19 -3.89 0.00	30.31 -1.93 0.00	79.60 -6.46 1.42	44.08 -3.61 0.00	43.97 -3.77 0.00	40.24 -3.10 0.00	33.76 -2.18 0.00	25.10 -1.70 0.00	27.63 -1.59 -0.86	84.24 -4.86 0.00	33.40 -1.92 0.00	32.36 -1.78 0.00	24.92 -1.56 0.00	26.32 -1.67 0.00	28.13 -1.68 0.00	29.53 -1.54 0.00
QUENSBRY_115KV_TB8 356137	27.33 1.34 0.00	26.86 1.19 0.00	31.27 1.25 0.00	26.95 1.08 0.00	27.88 1.32 0.00	32.29 1.73 0.00	78.50 4.10 0.00	39.84 2.46 0.00	75.75 4.67 0.00	34.25 2.01 0.00	92.60 5.11 0.00	50.36 2.67 0.00	50.68 2.94 0.00	45.67 2.33 0.00	37.74 1.80 0.00	28.36 1.55 0.00	34.71 1.83 -4.51	94.26 5.16 0.00	37.42 2.10 0.00	36.26 2.13 0.00	28.03 1.56 0.00	29.37 1.38 0.00	31.17 1.36 0.00	32.21 1.14 0.00
RAMAPO___LBMP 323565	27.09 1.09 0.00	26.67 1.00 0.00	31.19 1.17 0.00	26.88 1.02 0.00	27.62 1.06 0.00	31.65 1.10 0.00	77.10 2.70 0.00	39.49 2.12 0.00	74.78 3.71 0.00	34.06 1.82 0.00	91.78 4.30 0.00	50.13 2.44 0.00	50.40 2.66 0.00	45.63 2.29 0.00	38.03 2.09 0.00	28.54 1.74 0.00	33.78 2.07 -3.35	96.18 7.08 0.00	38.15 2.83 0.00	36.70 2.56 0.00	28.23 1.75 0.00	29.63 1.64 0.00	31.22 1.41 0.00	32.21 1.14 0.00
RANKINE____ 23646	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.98 -1.58 0.00	70.39 -4.01 0.00	35.89 -1.48 0.00	67.64 -3.44 0.00	30.47 -1.78 0.00	79.90 -6.78 0.80	43.83 -3.86 0.00	43.59 -4.15 0.00	40.04 -3.30 0.00	33.80 -2.14 0.00	25.09 -1.71 0.00	27.83 -1.54 -1.00	84.65 -4.46 0.00	33.63 -1.69 0.00	32.72 -1.41 0.00	25.13 -1.35 0.00	26.60 -1.39 0.00	28.58 -1.22 0.00	30.06 -1.01 0.00
RAVENSWOOD_GT2_1 24244	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.73 3.04 0.00	51.10 3.36 0.00	46.22 2.88 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.64 2.17 0.00	30.02 2.03 0.00	31.60 1.78 0.00	32.52 1.45 0.00
RAVENSWOOD_GT2_2 24245	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.32 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.73 3.04 0.00	51.10 3.36 0.00	46.22 2.88 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.64 2.17 0.00	30.02 2.03 0.00	31.60 1.78 0.00	32.52 1.45 0.00
RAVENSWOOD_GT2_3 24246	27.42 1.43 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.15 1.29 0.00	27.90 1.33 0.00	31.97 1.41 0.00	77.81 3.41 0.00	40.04 2.67 0.00	75.90 4.82 0.00	34.60 2.36 0.00	93.06 5.58 0.00	50.76 3.07 0.00	51.12 3.38 0.00	46.25 2.91 0.00	38.57 2.63 0.00	29.00 2.20 0.00	34.41 2.54 -3.51	97.75 8.64 0.00	38.77 3.46 0.00	37.23 3.09 0.00	28.66 2.18 0.00	30.03 2.04 0.00	31.61 1.80 0.00	32.54 1.47 0.00
RAVENSWOOD_GT2_4 24247	27.42 1.43 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.15 1.29 0.00	27.90 1.33 0.00	31.97 1.41 0.00	77.81 3.41 0.00	40.04 2.67 0.00	75.90 4.82 0.00	34.60 2.36 0.00	93.06 5.58 0.00	50.76 3.07 0.00	51.12 3.38 0.00	46.25 2.91 0.00	38.57 2.63 0.00	29.00 2.20 0.00	34.41 2.54 -3.51	97.75 8.64 0.00	38.77 3.46 0.00	37.23 3.09 0.00	28.66 2.18 0.00	30.03 2.04 0.00	31.61 1.80 0.00	32.54 1.47 0.00
RAVENSWOOD_GT3_1 24248	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.99 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.64 2.17 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD_GT3_2 24249	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.99 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.64 2.17 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD_GT3_3 24250	27.44 1.45 0.00	27.00 1.33 0.00	31.52 1.50 0.00	27.17 1.31 0.00	27.92 1.36 0.00	32.00 1.44 0.00	77.89 3.49 0.00	40.08 2.71 0.00	75.98 4.90 0.00	34.64 2.39 0.00	93.16 5.68 0.00	50.82 3.13 0.00	51.18 3.44 0.00	46.29 2.95 0.00	38.62 2.68 0.00	29.03 2.23 0.00	34.45 2.58 -3.51	97.85 8.75 0.00	38.82 3.50 0.00	37.27 3.13 0.00	28.68 2.21 0.00	30.06 2.07 0.00	31.64 1.83 0.00	32.57 1.50 0.00
RAVENSWOOD_GT3_4 24251	27.44 1.45 0.00	27.00 1.33 0.00	31.52 1.50 0.00	27.17 1.31 0.00	27.92 1.36 0.00	32.00 1.44 0.00	77.89 3.49 0.00	40.08 2.71 0.00	75.98 4.90 0.00	34.64 2.39 0.00	93.16 5.68 0.00	50.82 3.13 0.00	51.18 3.44 0.00	46.29 2.95 0.00	38.62 2.68 0.00	29.03 2.23 0.00	34.45 2.58 -3.51	97.85 8.75 0.00	38.82 3.50 0.00	37.27 3.13 0.00	28.68 2.21 0.00	30.06 2.07 0.00	31.64 1.83 0.00	32.57 1.50 0.00

RAVENSWOOD_GT_1 23729	27.42 1.43 0.00	26.98 1.31 0.00	31.49 1.48 0.00	27.16 1.29 0.00	27.90 1.34 0.00	31.98 1.43 0.00	77.84 3.44 0.00	40.08 2.71 0.00	76.02 4.94 0.00	34.69 2.44 0.00	93.18 5.70 0.00	50.84 3.15 0.00	51.18 3.45 0.00	46.31 2.97 0.00	38.65 2.72 0.00	29.07 2.26 0.00	34.46 2.59 -3.51	97.95 8.85 0.00	38.83 3.52 0.00	37.28 3.14 0.00	28.69 2.22 0.00	30.06 2.07 0.00	31.64 1.83 0.00	32.56 1.49 0.00
RAVENSWOOD_GT_10 24258	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.61 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.65 2.17 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD_GT_11 24259	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.61 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.65 2.17 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD_GT_4 24252	27.42 1.43 0.00	26.97 1.31 0.00	31.50 1.48 0.00	27.16 1.29 0.00	27.90 1.33 0.00	31.97 1.42 0.00	77.81 3.41 0.00	40.02 2.65 0.00	75.90 4.82 0.00	34.60 2.35 0.00	93.02 5.55 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.60 0.00	38.76 3.45 0.00	37.23 3.09 0.00	28.65 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.54 1.47 0.00
RAVENSWOOD_GT_5 24254	27.42 1.43 0.00	26.97 1.31 0.00	31.50 1.48 0.00	27.16 1.29 0.00	27.90 1.33 0.00	31.97 1.42 0.00	77.81 3.41 0.00	40.02 2.65 0.00	75.90 4.82 0.00	34.60 2.35 0.00	93.02 5.55 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.60 0.00	38.76 3.45 0.00	37.23 3.09 0.00	28.65 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.54 1.47 0.00
RAVENSWOOD_GT_6 24253	27.42 1.43 0.00	26.97 1.31 0.00	31.50 1.48 0.00	27.16 1.29 0.00	27.90 1.33 0.00	31.97 1.42 0.00	77.81 3.41 0.00	40.02 2.65 0.00	75.90 4.82 0.00	34.60 2.35 0.00	93.02 5.55 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.60 0.00	38.76 3.45 0.00	37.23 3.09 0.00	28.65 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.54 1.47 0.00
RAVENSWOOD_GT_7 24255	27.42 1.43 0.00	26.97 1.31 0.00	31.50 1.48 0.00	27.16 1.29 0.00	27.90 1.33 0.00	31.97 1.42 0.00	77.81 3.41 0.00	40.02 2.65 0.00	75.90 4.82 0.00	34.60 2.35 0.00	93.02 5.55 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.60 0.00	38.76 3.45 0.00	37.23 3.09 0.00	28.65 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.54 1.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.61 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.65 2.17 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD_GT_9 24257	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.35 0.00	93.02 5.54 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.61 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.70 8.59 0.00	38.75 3.43 0.00	37.21 3.07 0.00	28.65 2.17 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD___1 23533	27.38 1.38 0.00	26.93 1.26 0.00	31.44 1.43 0.00	27.11 1.25 0.00	27.86 1.30 0.00	31.93 1.37 0.00	77.72 3.32 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.62 2.38 0.00	93.00 5.52 0.00	50.74 3.05 0.00	51.09 3.35 0.00	46.21 2.87 0.00	38.58 2.64 0.00	29.00 2.20 0.00	34.40 2.53 -3.51	97.73 8.63 0.00	38.75 3.44 0.00	37.20 3.07 0.00	28.63 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
RAVENSWOOD___2 23534	27.38 1.38 0.00	26.93 1.26 0.00	31.44 1.43 0.00	27.11 1.25 0.00	27.86 1.30 0.00	31.93 1.37 0.00	77.72 3.32 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.62 2.38 0.00	93.00 5.52 0.00	50.74 3.05 0.00	51.09 3.35 0.00	46.21 2.87 0.00	38.58 2.64 0.00	29.00 2.20 0.00	34.40 2.53 -3.51	97.73 8.63 0.00	38.75 3.44 0.00	37.20 3.07 0.00	28.63 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
RAVENSWOOD___3 23535	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.80 3.40 0.00	40.02 2.65 0.00	75.89 4.81 0.00	34.60 2.36 0.00	93.01 5.53 0.00	50.74 3.05 0.00	51.10 3.36 0.00	46.23 2.89 0.00	38.56 2.62 0.00	28.98 2.18 0.00	34.40 2.53 -3.51	97.72 8.62 0.00	38.75 3.44 0.00	37.21 3.07 0.00	28.64 2.17 0.00	30.01 2.02 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RAVENSWOOD___4 23820	27.38 1.38 0.00	26.93 1.26 0.00	31.44 1.43 0.00	27.11 1.25 0.00	27.86 1.30 0.00	31.93 1.37 0.00	77.72 3.32 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.62 2.38 0.00	93.00 5.52 0.00	50.74 3.05 0.00	51.09 3.35 0.00	46.21 2.87 0.00	38.58 2.64 0.00	29.00 2.20 0.00	34.40 2.53 -3.51	97.73 8.63 0.00	38.75 3.44 0.00	37.20 3.07 0.00	28.63 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00
RCPI_TRUST___DRP 24196	27.41 1.41 0.00	26.97 1.30 0.00	31.49 1.47 0.00	27.14 1.28 0.00	27.89 1.33 0.00	31.96 1.41 0.00	77.76 3.36 0.00	40.02 2.65 0.00	75.90 4.82 0.00	34.60 2.36 0.00	93.05 5.57 0.00	50.73 3.04 0.00	51.11 3.37 0.00	46.22 2.88 0.00	38.55 2.61 0.00	28.99 2.19 0.00	34.40 2.53 -3.50	97.74 8.63 0.00	38.77 3.45 0.00	37.23 3.09 0.00	28.65 2.18 0.00	30.02 2.03 0.00	31.60 1.79 0.00	32.52 1.45 0.00
RED___ROCHESTER 323720	24.92 -1.08 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.03 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.88 -2.19 0.00	31.06 -1.18 0.00	81.61 -4.71 1.15	44.99 -2.71 0.00	44.84 -2.89 0.00	41.12 -2.22 0.00	34.59 -1.35 0.00	25.71 -1.09 0.00	28.31 -0.94 -0.88	86.42 -2.68 0.00	34.28 -1.04 0.00	33.26 -0.88 0.00	25.57 -0.91 0.00	27.02 -0.97 0.00	28.88 -0.93 0.00	30.33 -0.74 0.00

REGAN___SOLAR 323812	27.67 1.67 0.00	27.29 1.62 0.00	31.83 1.81 0.00	27.43 1.56 0.00	28.18 1.62 0.00	32.57 2.02 0.00	79.27 4.87 0.00	39.96 2.59 0.00	75.42 4.34 0.00	33.90 1.66 0.00	92.24 4.76 0.00	50.04 2.35 0.00	50.12 2.39 0.00	45.26 1.92 0.00	38.34 2.40 0.00	28.61 1.81 0.00	36.06 2.43 -5.26	97.00 7.89 0.00	38.29 2.97 0.00	36.97 2.83 0.00	28.61 2.14 0.00	30.11 2.13 0.00	31.87 2.06 0.00	32.97 1.90 0.00
RENSSELAER___COGEN 23796	26.45 0.45 0.00	26.08 0.41 0.00	30.46 0.44 0.00	26.24 0.37 0.00	26.99 0.42 0.00	30.94 0.38 0.00	75.50 1.10 0.00	38.29 0.92 0.00	72.74 1.67 0.00	32.98 0.74 0.00	89.11 1.63 0.00	48.55 0.86 0.00	48.73 0.99 0.00	44.23 0.89 0.00	36.70 0.76 0.00	27.56 0.76 0.00	33.68 0.96 -4.35	92.11 3.01 0.00	36.47 1.16 0.00	35.24 1.10 0.00	27.25 0.77 0.00	28.65 0.66 0.00	30.23 0.42 0.00	31.27 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.67 2.68 0.00	27.95 2.29 0.00	32.41 2.40 0.00	28.00 2.13 0.00	29.17 2.60 0.00	34.15 3.60 0.00	82.46 8.06 0.00	42.16 4.79 0.00	80.00 8.92 0.00	36.13 3.88 0.00	96.79 9.31 0.00	52.86 5.17 0.00	53.14 5.41 0.00	47.97 4.63 0.00	39.64 3.70 0.00	29.92 3.12 0.00	36.53 3.65 -4.51	99.22 10.11 0.00	39.50 4.18 0.00	38.56 4.42 0.00	29.71 3.23 0.00	31.10 3.11 0.00	32.59 2.78 0.00	33.44 2.37 0.00
REVERE_CPPR_DRP 24186	26.50 0.50 0.00	26.27 0.60 0.00	30.74 0.72 0.00	26.45 0.58 0.00	27.20 0.64 0.00	31.47 0.91 0.00	76.86 2.46 0.00	38.73 1.36 0.00	73.65 2.57 0.00	33.36 1.12 0.00	90.21 2.73 0.00	48.88 1.19 0.00	48.63 0.89 0.00	44.27 0.93 0.00	36.88 0.94 0.00	27.53 0.72 0.00	29.74 1.02 -0.35	92.73 3.62 0.00	36.66 1.34 0.00	35.43 1.29 0.00	27.32 0.84 0.00	28.79 0.80 0.00	30.62 0.81 0.00	31.94 0.87 0.00
REYNOLDS_115KV_TB3 80639	26.65 0.65 0.00	26.28 0.61 0.00	30.67 0.66 0.00	26.43 0.56 0.00	27.18 0.62 0.00	31.17 0.61 0.00	76.00 1.60 0.00	38.54 1.17 0.00	73.21 2.14 0.00	33.18 0.94 0.00	89.69 2.20 0.00	48.86 1.17 0.00	49.02 1.28 0.00	44.53 1.19 0.00	36.92 0.98 0.00	27.76 0.95 0.00	33.86 1.14 -4.36	92.58 3.47 0.00	36.66 1.34 0.00	35.44 1.30 0.00	27.42 0.94 0.00	28.85 0.86 0.00	30.41 0.60 0.00	31.46 0.39 0.00
RIVERBAY____ 323610	27.44 1.45 0.00	27.06 1.40 0.00	31.58 1.57 0.00	27.21 1.34 0.00	27.95 1.39 0.00	32.08 1.53 0.00	78.10 3.71 0.00	40.28 2.90 0.00	76.19 5.12 0.00	34.77 2.53 0.00	93.24 5.76 0.00	50.84 3.15 0.00	51.19 3.45 0.00	46.31 2.97 0.00	38.67 2.73 0.00	29.08 2.27 0.00	34.42 2.55 -3.51	98.02 8.91 0.00	38.83 3.51 0.00	37.25 3.11 0.00	28.69 2.21 0.00	30.04 2.05 0.00	31.53 1.72 0.00	32.45 1.38 0.00
RIVERSDE_115KV_TB3 55908	26.56 0.56 0.00	26.19 0.52 0.00	30.58 0.57 0.00	26.34 0.48 0.00	27.09 0.53 0.00	31.06 0.51 0.00	75.80 1.41 0.00	38.44 1.07 0.00	73.00 1.93 0.00	33.11 0.87 0.00	89.46 1.98 0.00	48.73 1.04 0.00	48.91 1.17 0.00	44.40 1.06 0.00	36.84 0.90 0.00	27.68 0.88 0.00	33.80 1.07 -4.37	92.42 3.32 0.00	36.59 1.27 0.00	35.36 1.22 0.00	27.34 0.87 0.00	28.76 0.77 0.00	30.33 0.52 0.00	31.38 0.31 0.00
ROARING___BROOK_WT_PWR 323790	25.13 -0.86 0.00	25.09 -0.57 0.00	29.55 -0.47 0.00	25.43 -0.43 0.00	26.09 -0.47 0.00	30.29 -0.27 0.00	73.92 -0.48 0.00	36.76 -0.61 0.00	69.99 -1.08 0.00	31.77 -0.47 0.00	86.78 -0.71 0.00	46.99 -0.70 0.00	46.52 -1.22 0.00	41.79 -1.56 0.00	34.49 -1.45 0.00	25.96 -0.84 0.00	27.62 -0.75 0.00	87.18 -1.92 0.00	34.81 -0.50 0.00	33.63 -0.51 0.00	26.16 -0.32 0.00	27.66 -0.33 0.00	29.57 -0.24 0.00	30.90 -0.17 0.00
ROCHESRG_115KV_T4 355643	24.66 -1.34 0.00	24.48 -1.19 0.00	28.40 -1.62 0.00	24.49 -1.38 0.00	25.11 -1.45 0.00	29.20 -1.36 0.00	71.07 -3.33 0.00	36.08 -1.29 0.00	68.08 -2.99 0.00	30.66 -1.58 0.00	80.48 -5.84 1.15	44.41 -3.28 0.00	44.26 -3.47 0.00	40.57 -2.77 0.00	34.13 -1.81 0.00	25.36 -1.44 0.00	27.94 -1.31 -0.88	85.19 -3.91 0.00	33.80 -1.51 0.00	32.79 -1.35 0.00	25.23 -1.25 0.00	26.66 -1.33 0.00	28.55 -1.26 0.00	30.00 -1.07 0.00
ROCHESTER_9_IC 23652	24.83 -1.17 0.00	24.64 -1.03 0.00	28.59 -1.42 0.00	24.65 -1.22 0.00	25.28 -1.28 0.00	29.41 -1.15 0.00	71.61 -2.79 0.00	36.38 -1.00 0.00	68.66 -2.42 0.00	30.92 -1.32 0.00	81.18 -5.15 1.15	44.78 -2.91 0.00	44.63 -3.10 0.00	40.92 -2.42 0.00	34.42 -1.52 0.00	25.58 -1.23 0.00	28.19 -1.07 -0.88	86.00 -3.11 0.00	34.11 -1.21 0.00	33.09 -1.05 0.00	25.44 -1.04 0.00	26.87 -1.11 0.00	28.76 -1.05 0.00	30.21 -0.86 0.00
ROCKVIEW_13_KV_LD 356306	27.40 1.41 0.00	26.95 1.28 0.00	31.46 1.44 0.00	27.10 1.24 0.00	27.85 1.29 0.00	31.92 1.37 0.00	77.74 3.34 0.00	39.95 2.58 0.00	75.80 4.73 0.00	34.56 2.31 0.00	93.00 5.52 0.00	50.76 3.07 0.00	51.09 3.35 0.00	46.25 2.91 0.00	38.55 2.61 0.00	28.96 2.16 0.00	34.39 2.52 -3.51	97.60 8.49 0.00	38.71 3.40 0.00	37.21 3.07 0.00	28.63 2.16 0.00	30.04 2.04 0.00	31.63 1.82 0.00	32.59 1.52 0.00
ROME____115KV_TB2 80656	26.50 0.50 0.00	26.27 0.60 0.00	30.74 0.72 0.00	26.45 0.58 0.00	27.20 0.64 0.00	31.47 0.91 0.00	76.86 2.46 0.00	38.73 1.36 0.00	73.65 2.57 0.00	33.36 1.12 0.00	90.21 2.73 0.00	48.88 1.19 0.00	48.63 0.89 0.00	44.27 0.93 0.00	36.88 0.94 0.00	27.53 0.72 0.00	29.74 1.02 -0.35	92.73 3.62 0.00	36.66 1.34 0.00	35.43 1.29 0.00	27.32 0.84 0.00	28.79 0.80 0.00	30.62 0.81 0.00	31.94 0.87 0.00
ROSETON___1 23587	27.07 1.07 0.00	26.65 0.98 0.00	31.13 1.11 0.00	26.83 0.96 0.00	27.57 1.00 0.00	31.60 1.05 0.00	77.01 2.61 0.00	39.42 2.04 0.00	74.73 3.65 0.00	34.00 1.76 0.00	91.59 4.11 0.00	49.99 2.30 0.00	50.25 2.51 0.00	45.54 2.20 0.00	37.90 1.97 0.00	28.47 1.66 0.00	33.86 1.99 -3.50	95.74 6.63 0.00	37.97 2.65 0.00	36.54 2.40 0.00	28.15 1.68 0.00	29.54 1.55 0.00	31.14 1.33 0.00	32.14 1.07 0.00
ROSETON___2 23588	27.07 1.07 0.00	26.65 0.98 0.00	31.13 1.11 0.00	26.83 0.96 0.00	27.57 1.00 0.00	31.60 1.05 0.00	77.01 2.61 0.00	39.42 2.04 0.00	74.73 3.65 0.00	34.00 1.76 0.00	91.59 4.11 0.00	49.99 2.30 0.00	50.25 2.51 0.00	45.54 2.20 0.00	37.90 1.97 0.00	28.47 1.66 0.00	33.86 1.99 -3.50	95.74 6.63 0.00	37.97 2.65 0.00	36.54 2.40 0.00	28.15 1.68 0.00	29.54 1.55 0.00	31.14 1.33 0.00	32.14 1.07 0.00
ROTTDRAM_115KV_TB3 80664	26.84 0.84 0.00	26.47 0.80 0.00	30.91 0.89 0.00	26.63 0.77 0.00	27.39 0.83 0.00	31.47 0.91 0.00	76.72 2.32 0.00	38.91 1.53 0.00	73.86 2.79 0.00	33.47 1.23 0.00	90.49 3.02 0.00	49.31 1.62 0.00	49.47 1.73 0.00	44.87 1.53 0.00	37.19 1.26 0.00	27.93 1.13 0.00	34.28 1.35 -4.56	93.37 4.26 0.00	37.01 1.69 0.00	35.74 1.60 0.00	27.62 1.14 0.00	29.06 1.07 0.00	30.74 0.93 0.00	31.86 0.79 0.00

RUSSELL___1 23602	24.92 -1.07 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.04 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.96 -2.12 0.00	31.06 -1.18 0.00	81.54 -4.79 1.15	44.99 -2.70 0.00	44.84 -2.90 0.00	41.12 -2.23 0.00	34.59 -1.35 0.00	25.70 -1.11 0.00	28.32 -0.94 -0.88	86.44 -2.66 0.00	34.28 -1.03 0.00	33.25 -0.89 0.00	25.56 -0.92 0.00	27.00 -0.99 0.00	28.88 -0.92 0.00	30.33 -0.74 0.00
RUSSELL___2 23532	24.92 -1.07 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.04 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.96 -2.12 0.00	31.06 -1.18 0.00	81.54 -4.79 1.15	44.99 -2.70 0.00	44.84 -2.90 0.00	41.12 -2.23 0.00	34.59 -1.35 0.00	25.70 -1.11 0.00	28.32 -0.94 -0.88	86.44 -2.66 0.00	34.28 -1.03 0.00	33.25 -0.89 0.00	25.56 -0.92 0.00	27.00 -0.99 0.00	28.88 -0.92 0.00	30.33 -0.74 0.00
RUSSELL___3 23549	24.92 -1.07 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.04 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.96 -2.12 0.00	31.06 -1.18 0.00	81.54 -4.79 1.15	44.99 -2.70 0.00	44.84 -2.90 0.00	41.12 -2.23 0.00	34.59 -1.35 0.00	25.70 -1.11 0.00	28.32 -0.94 -0.88	86.44 -2.66 0.00	34.28 -1.03 0.00	33.25 -0.89 0.00	25.56 -0.92 0.00	27.00 -0.99 0.00	28.88 -0.92 0.00	30.33 -0.74 0.00
RUSSELL___4 23556	24.92 -1.07 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.04 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.96 -2.12 0.00	31.06 -1.18 0.00	81.54 -4.79 1.15	44.99 -2.70 0.00	44.84 -2.90 0.00	41.12 -2.23 0.00	34.59 -1.35 0.00	25.70 -1.11 0.00	28.32 -0.94 -0.88	86.44 -2.66 0.00	34.28 -1.03 0.00	33.25 -0.89 0.00	25.56 -0.92 0.00	27.00 -0.99 0.00	28.88 -0.92 0.00	30.33 -0.74 0.00
RUSSELL___STATION 23914	24.92 -1.07 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.04 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.96 -2.12 0.00	31.06 -1.18 0.00	81.54 -4.79 1.15	44.99 -2.70 0.00	44.84 -2.90 0.00	41.12 -2.23 0.00	34.59 -1.35 0.00	25.70 -1.11 0.00	28.32 -0.94 -0.88	86.44 -2.66 0.00	34.28 -1.03 0.00	33.25 -0.89 0.00	25.56 -0.92 0.00	27.00 -0.99 0.00	28.88 -0.92 0.00	30.33 -0.74 0.00
S SALMON___HYD 24043	25.24 -0.76 0.00	25.10 -0.57 0.00	29.40 -0.62 0.00	25.26 -0.61 0.00	25.93 -0.63 0.00	30.02 -0.54 0.00	72.96 -1.44 0.00	36.71 -0.67 0.00	69.80 -1.28 0.00	31.51 -0.73 0.00	85.06 -2.42 0.00	46.04 -1.65 0.00	45.89 -1.84 0.00	41.73 -1.61 0.00	34.75 -1.19 0.00	25.95 -0.86 0.00	28.49 -0.46 -0.58	87.83 -1.28 0.00	34.77 -0.55 0.00	33.58 -0.56 0.00	25.90 -0.58 0.00	27.36 -0.63 0.00	29.18 -0.63 0.00	30.72 -0.35 0.00
S.PERRY___115KV_TB1 80734	25.03 -0.97 0.00	24.87 -0.80 0.00	29.01 -1.00 0.00	25.15 -0.71 0.00	25.84 -0.73 0.00	30.06 -0.50 0.00	73.26 -1.14 0.00	37.47 0.09 0.00	70.63 -0.44 0.00	31.82 -0.42 0.00	83.79 -3.22 0.47	45.16 -2.54 0.00	44.97 -2.77 0.00	41.61 -1.73 0.00	35.18 -0.77 0.00	26.18 -0.62 0.00	29.20 -0.20 -1.03	89.33 0.22 0.00	35.31 0.00 0.00	34.26 0.13 0.00	26.31 -0.16 0.00	27.83 -0.15 0.00	29.84 0.02 0.00	31.20 0.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.07 -1.93 0.00	23.96 -1.72 0.00	27.75 -2.26 0.00	23.96 -1.91 0.00	24.54 -2.02 0.00	28.60 -1.95 0.00	69.47 -4.93 0.00	35.34 -2.04 0.00	66.52 -4.56 0.00	29.95 -2.29 0.00	78.35 -8.29 0.85	43.06 -4.63 0.00	42.80 -4.94 0.00	39.33 -4.00 0.00	33.25 -2.69 0.00	24.69 -2.11 0.00	27.37 -1.98 -0.99	83.10 -6.00 0.00	33.03 -2.29 0.00	32.13 -2.01 0.00	24.69 -1.79 0.00	26.14 -1.85 0.00	28.13 -1.69 0.00	29.62 -1.45 0.00
SAWYER___23_KV_LOAD 55526	24.07 -1.93 0.00	23.96 -1.72 0.00	27.75 -2.26 0.00	23.96 -1.91 0.00	24.54 -2.02 0.00	28.60 -1.95 0.00	69.47 -4.93 0.00	35.34 -2.04 0.00	66.52 -4.56 0.00	29.95 -2.29 0.00	78.35 -8.29 0.85	43.06 -4.63 0.00	42.80 -4.94 0.00	39.33 -4.00 0.00	33.25 -2.69 0.00	24.69 -2.11 0.00	27.37 -1.98 -0.99	83.10 -6.00 0.00	33.03 -2.29 0.00	32.13 -2.01 0.00	24.69 -1.79 0.00	26.14 -1.85 0.00	28.13 -1.69 0.00	29.62 -1.45 0.00
SELKIRK___I 23801	26.59 0.59 0.00	26.21 0.54 0.00	30.64 0.62 0.00	26.39 0.53 0.00	27.13 0.57 0.00	31.11 0.55 0.00	75.84 1.44 0.00	38.49 1.11 0.00	73.11 2.03 0.00	33.16 0.92 0.00	89.59 2.11 0.00	48.81 1.12 0.00	48.98 1.25 0.00	44.46 1.12 0.00	36.91 0.97 0.00	27.70 0.90 0.00	33.80 1.10 -4.33	92.62 3.52 0.00	36.69 1.37 0.00	35.43 1.29 0.00	27.39 0.91 0.00	28.82 0.83 0.00	30.43 0.61 0.00	31.49 0.42 0.00
SELKIRK___II 23799	26.56 0.56 0.00	26.19 0.52 0.00	30.59 0.58 0.00	26.36 0.49 0.00	27.10 0.54 0.00	31.08 0.52 0.00	75.78 1.38 0.00	38.45 1.08 0.00	73.04 1.96 0.00	33.12 0.87 0.00	89.51 2.03 0.00	48.76 1.07 0.00	48.93 1.19 0.00	44.41 1.07 0.00	36.87 0.92 0.00	27.67 0.86 0.00	33.77 1.07 -4.33	92.53 3.43 0.00	36.65 1.34 0.00	35.40 1.26 0.00	27.37 0.89 0.00	28.78 0.79 0.00	30.39 0.57 0.00	31.45 0.38 0.00
SENECA OSWGO___HYD 24041	25.43 -0.57 0.00	25.13 -0.54 0.00	29.36 -0.65 0.00	25.31 -0.56 0.00	26.00 -0.57 0.00	29.93 -0.63 0.00	72.75 -1.64 0.00	36.67 -0.70 0.00	69.68 -1.40 0.00	31.59 -0.65 0.00	85.40 -2.08 0.00	46.43 -1.26 0.00	46.44 -1.29 0.00	42.25 -1.09 0.00	35.10 -0.84 0.00	26.13 -0.67 0.00	28.43 -0.57 -0.63	87.32 -1.78 0.00	34.60 -0.72 0.00	33.43 -0.71 0.00	25.85 -0.62 0.00	27.28 -0.71 0.00	29.09 -0.72 0.00	30.49 -0.58 0.00
SENECA___115KV_TB3 355854	24.36 -1.64 0.00	24.24 -1.43 0.00	28.11 -1.90 0.00	24.29 -1.58 0.00	24.90 -1.66 0.00	29.02 -1.53 0.00	70.52 -3.87 0.00	35.95 -1.43 0.00	67.77 -3.30 0.00	30.53 -1.72 0.00	80.06 -6.62 0.80	43.92 -3.77 0.00	43.66 -4.08 0.00	40.11 -3.23 0.00	33.87 -2.07 0.00	25.14 -1.67 0.00	27.88 -1.49 -1.00	84.80 -4.31 0.00	33.68 -1.64 0.00	32.77 -1.37 0.00	25.16 -1.31 0.00	26.64 -1.35 0.00	28.63 -1.18 0.00	30.09 -0.97 0.00
SENECA___ENERGY 23797	25.25 -0.75 0.00	25.01 -0.66 0.00	29.17 -0.84 0.00	25.23 -0.63 0.00	25.94 -0.62 0.00	29.95 -0.61 0.00	72.86 -1.54 0.00	36.92 -0.45 0.00	69.97 -1.10 0.00	31.68 -0.56 0.00	86.46 -2.17 -1.16	46.27 -1.42 0.00	46.15 -1.59 0.00	42.08 -1.26 0.00	35.24 -0.70 0.00	26.27 -0.54 0.00	28.85 -0.36 -0.84	88.03 -1.08 0.00	34.89 -0.43 0.00	33.75 -0.39 0.00	26.03 -0.45 0.00	27.49 -0.50 0.00	29.28 -0.54 0.00	30.60 -0.47 0.00
SHOEMAKER___GT 23640	26.90 0.90 0.00	26.50 0.83 0.00	30.97 0.95 0.00	26.70 0.83 0.00	27.43 0.87 0.00	31.47 0.92 0.00	76.67 2.28 0.00	39.16 1.79 0.00	74.24 3.16 0.00	33.76 1.52 0.00	91.05 3.57 0.00	49.71 2.02 0.00	49.91 2.17 0.00	45.24 1.90 0.00	37.65 1.71 0.00	28.23 1.43 0.00	33.25 1.73 -3.16	94.80 5.70 0.00	37.64 2.32 0.00	36.27 2.13 0.00	27.95 1.47 0.00	29.36 1.37 0.00	30.99 1.18 0.00	32.02 0.95 0.00

SHOEMAKR_138KV_BK 111 55601	26.90 0.90 0.00	26.50 0.83 0.00	30.96 0.95 0.00	26.69 0.82 0.00	27.43 0.87 0.00	31.46 0.90 0.00	76.65 2.25 0.00	39.15 1.77 0.00	74.20 3.13 0.00	33.76 1.52 0.00	91.05 3.57 0.00	49.69 2.00 0.00	49.91 2.17 0.00	45.23 1.89 0.00	37.65 1.71 0.00	28.23 1.43 0.00	33.23 1.73 -3.14	94.86 5.76 0.00	37.64 2.33 0.00	36.26 2.12 0.00	27.94 1.47 0.00	29.36 1.37 0.00	30.98 1.17 0.00	32.01 0.94 0.00
SHOREHAM_IC_1 23715	34.01 1.67 -6.34	34.52 1.52 -7.33	34.54 1.75 -2.77	34.01 1.52 -6.63	33.49 1.57 -5.36	32.15 1.59 0.00	77.90 3.50 0.00	40.47 3.09 0.00	77.99 6.17 -0.73	52.79 2.86 -17.68	93.15 5.67 0.00	50.35 2.66 0.00	81.02 4.08 -29.20	48.46 3.69 -1.43	42.01 3.27 -2.80	58.56 2.59 -29.17	59.03 2.80 -27.86	312.97 10.27 -213.60	284.85 4.18 -245.35	279.61 3.49 -241.99	120.65 2.53 -91.65	36.36 2.77 -5.60	36.78 2.58 -4.39	36.20 2.28 -2.85
SHOREHAM_IC_2 23716	34.01 1.67 -6.34	34.52 1.52 -7.33	34.54 1.75 -2.77	34.01 1.52 -6.63	33.49 1.57 -5.36	32.15 1.59 0.00	77.90 3.50 0.00	40.47 3.09 0.00	77.99 6.17 -0.73	52.79 2.86 -17.68	93.15 5.67 0.00	50.35 2.66 0.00	81.02 4.08 -29.20	48.46 3.69 -1.43	42.01 3.27 -2.80	58.56 2.59 -29.17	59.03 2.80 -27.86	312.97 10.27 -213.60	284.85 4.18 -245.35	279.61 3.49 -241.99	120.65 2.53 -91.65	36.36 2.77 -5.60	36.78 2.58 -4.39	36.20 2.28 -2.85
SISSONVILLE____ 23735	26.04 0.04 0.00	25.77 0.10 0.00	30.27 0.25 0.00	26.01 0.14 0.00	26.65 0.09 0.00	30.83 0.27 0.00	75.28 0.88 0.00	37.29 -0.08 0.00	71.02 -0.05 0.00	32.21 -0.03 0.00	88.13 0.65 0.00	48.11 0.42 0.00	47.99 0.25 0.00	43.51 0.17 0.00	35.77 -0.17 0.00	26.59 -0.21 0.00	28.13 -0.34 -0.10	88.09 -1.02 0.00	34.87 -0.44 0.00	33.81 -0.33 0.00	26.31 -0.17 0.00	28.07 0.08 0.00	30.18 0.37 0.00	31.51 0.44 0.00
SITHE_IND_GS1 24169	25.22 -0.78 0.00	24.92 -0.75 0.00	29.12 -0.89 0.00	25.10 -0.76 0.00	25.78 -0.78 0.00	29.66 -0.89 0.00	72.05 -2.35 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.43 -3.05 0.00	45.95 -1.74 0.00	45.96 -1.78 0.00	41.79 -1.56 0.00	34.68 -1.26 0.00	25.78 -1.02 0.00	27.94 -0.98 -0.55	85.99 -3.11 0.00	34.09 -1.22 0.00	32.95 -1.19 0.00	25.50 -0.97 0.00	26.93 -1.06 0.00	28.74 -1.08 0.00	30.19 -0.88 0.00
SITHE_IND_GS2 24170	25.22 -0.78 0.00	24.92 -0.75 0.00	29.12 -0.89 0.00	25.10 -0.76 0.00	25.78 -0.78 0.00	29.66 -0.89 0.00	72.05 -2.35 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.43 -3.05 0.00	45.95 -1.74 0.00	45.96 -1.78 0.00	41.79 -1.56 0.00	34.68 -1.26 0.00	25.78 -1.02 0.00	27.94 -0.98 -0.55	85.99 -3.11 0.00	34.09 -1.22 0.00	32.95 -1.19 0.00	25.50 -0.97 0.00	26.93 -1.06 0.00	28.74 -1.08 0.00	30.19 -0.88 0.00
SITHE_IND_GS3 24171	25.22 -0.78 0.00	24.92 -0.75 0.00	29.12 -0.89 0.00	25.10 -0.76 0.00	25.78 -0.78 0.00	29.66 -0.89 0.00	72.05 -2.35 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.43 -3.05 0.00	45.95 -1.74 0.00	45.96 -1.78 0.00	41.79 -1.56 0.00	34.68 -1.26 0.00	25.78 -1.02 0.00	27.94 -0.98 -0.55	85.99 -3.11 0.00	34.09 -1.22 0.00	32.95 -1.19 0.00	25.50 -0.97 0.00	26.93 -1.06 0.00	28.74 -1.08 0.00	30.19 -0.88 0.00
SITHE_IND_GS4 24172	25.22 -0.78 0.00	24.92 -0.75 0.00	29.12 -0.89 0.00	25.10 -0.76 0.00	25.78 -0.78 0.00	29.66 -0.89 0.00	72.05 -2.35 0.00	36.25 -1.12 0.00	68.87 -2.20 0.00	31.23 -1.01 0.00	84.43 -3.05 0.00	45.95 -1.74 0.00	45.96 -1.78 0.00	41.79 -1.56 0.00	34.68 -1.26 0.00	25.78 -1.02 0.00	27.94 -0.98 -0.55	85.99 -3.11 0.00	34.09 -1.22 0.00	32.95 -1.19 0.00	25.50 -0.97 0.00	26.93 -1.06 0.00	28.74 -1.08 0.00	30.19 -0.88 0.00
SITHE____BATAVIA 24024	24.80 -1.20 0.00	24.65 -1.02 0.00	28.56 -1.45 0.00	24.66 -1.21 0.00	25.26 -1.30 0.00	29.48 -1.07 0.00	71.81 -2.59 0.00	36.53 -0.84 0.00	68.74 -2.34 0.00	30.88 -1.36 0.00	80.88 -5.59 1.01	44.41 -3.28 0.00	44.32 -3.42 0.00	40.78 -2.56 0.00	34.44 -1.50 0.00	25.61 -1.20 0.00	28.28 -1.01 -0.93	86.15 -2.95 0.00	34.21 -1.11 0.00	33.23 -0.91 0.00	25.52 -0.95 0.00	26.98 -1.01 0.00	28.91 -0.90 0.00	30.39 -0.68 0.00
SITHE____INDEPEND 23800	25.22 -0.78 0.00	24.92 -0.75 0.00	29.12 -0.89 0.00	25.10 -0.76 0.00	25.78 -0.78 0.00	29.67 -0.89 0.00	72.05 -2.35 0.00	36.25 -1.12 0.00	68.88 -2.20 0.00	31.23 -1.01 0.00	84.43 -3.05 0.00	45.95 -1.74 0.00	45.96 -1.78 0.00	41.78 -1.56 0.00	34.68 -1.26 0.00	25.78 -1.02 0.00	27.94 -0.98 -0.55	85.99 -3.11 0.00	34.09 -1.22 0.00	32.95 -1.19 0.00	25.50 -0.97 0.00	26.93 -1.06 0.00	28.74 -1.08 0.00	30.19 -0.89 0.00
SITHE____MASSENA 23902	26.18 0.19 0.00	25.87 0.20 0.00	30.32 0.30 0.00	26.09 0.22 0.00	26.75 0.19 0.00	30.86 0.31 0.00	75.25 0.85 0.00	37.33 -0.05 0.00	71.02 -0.05 0.00	32.25 0.00 0.00	88.17 0.69 0.00	48.20 0.51 0.00	48.17 0.43 0.00	43.73 0.38 0.00	36.04 0.10 0.00	26.82 0.02 0.00	28.19 -0.17 0.00	88.40 -0.70 0.00	35.01 -0.31 0.00	33.93 -0.21 0.00	26.44 -0.04 0.00	28.12 0.14 0.00	30.14 0.33 0.00	31.44 0.37 0.00
SITHE____OGDNSBRG 24021	26.52 0.53 0.00	26.21 0.54 0.00	30.71 0.70 0.00	26.43 0.57 0.00	27.09 0.53 0.00	31.33 0.78 0.00	76.56 2.17 0.00	37.92 0.55 0.00	72.18 1.10 0.00	32.76 0.51 0.00	89.65 2.17 0.00	48.99 1.30 0.00	48.86 1.12 0.00	44.26 0.92 0.00	36.52 0.58 0.00	27.18 0.38 0.00	28.66 0.21 -0.08	89.78 0.68 0.00	35.52 0.21 0.00	34.42 0.28 0.00	26.81 0.33 0.00	28.57 0.58 0.00	30.64 0.82 0.00	31.95 0.88 0.00
SITHE____STERLING 23777	26.41 0.42 0.00	26.15 0.48 0.00	30.56 0.55 0.00	26.34 0.47 0.00	27.09 0.52 0.00	31.27 0.71 0.00	76.32 1.92 0.00	38.50 1.13 0.00	73.16 2.09 0.00	33.16 0.92 0.00	89.66 2.18 0.00	48.66 0.97 0.00	48.50 0.76 0.00	44.12 0.78 0.00	36.77 0.83 0.00	27.43 0.63 0.00	29.65 0.87 -0.41	92.03 2.92 0.00	36.41 1.10 0.00	35.17 1.03 0.00	27.15 0.67 0.00	28.60 0.61 0.00	30.42 0.61 0.00	31.72 0.65 0.00
SLEIGHT__34_KV_TB1 80719	24.94 -1.06 0.00	24.70 -0.96 0.00	28.75 -1.26 0.00	24.82 -1.05 0.00	25.47 -1.09 0.00	29.55 -1.01 0.00	72.00 -2.40 0.00	36.48 -0.89 0.00	69.02 -2.06 0.00	31.18 -1.06 0.00	82.55 -3.83 1.10	45.48 -2.21 0.00	45.36 -2.38 0.00	41.49 -1.85 0.00	34.77 -1.17 0.00	25.84 -0.97 0.00	28.40 -0.82 -0.85	86.68 -2.42 0.00	34.37 -0.94 0.00	33.27 -0.87 0.00	25.60 -0.87 0.00	27.04 -0.94 0.00	28.86 -0.95 0.00	30.27 -0.80 0.00
SOUTH CAIRO____GT 23612	27.61 1.61 0.00	27.24 1.57 0.00	31.79 1.78 0.00	27.39 1.53 0.00	28.22 1.66 0.00	32.44 1.89 0.00	79.29 4.90 0.00	40.25 2.88 0.00	76.45 5.37 0.00	34.60 2.36 0.00	93.53 6.05 0.00	50.78 3.09 0.00	50.87 3.13 0.00	46.22 2.87 0.00	38.33 2.39 0.00	28.53 1.73 0.00	34.86 2.42 -4.08	97.29 8.19 0.00	38.50 3.18 0.00	37.15 3.02 0.00	28.72 2.25 0.00	30.14 2.15 0.00	31.72 1.90 0.00	32.78 1.70 0.00

SOUTH HAMPTN___IC 23720	34.32 1.99 -6.34	34.81 1.82 -7.33	34.90 2.11 -2.77	34.33 1.84 -6.63	33.83 1.91 -5.36	32.56 2.01 0.00	78.94 4.54 0.00	41.03 3.65 0.00	79.14 7.33 -0.73	53.32 3.40 -17.68	94.54 7.06 0.00	51.07 3.38 0.00	81.82 4.88 -29.20	49.21 4.44 -1.43	42.64 3.90 -2.80	59.03 3.06 -29.17	42.07 3.42 -10.28	315.36 12.66 -213.60	285.72 5.05 -245.35	280.64 4.52 -241.99	121.38 3.25 -91.65	36.83 3.25 -5.60	37.26 3.06 -4.39	36.68 2.76 -2.85
SOUTHDOW_115KV_TB1 355954	25.15 -0.84 0.00	25.08 -0.59 0.00	29.15 -0.87 0.00	25.24 -0.63 0.00	26.03 -0.53 0.00	30.31 -0.25 0.00	73.94 -0.46 0.00	38.03 0.65 0.00	71.71 0.63 0.00	32.33 0.09 0.00	85.48 -1.26 0.73	46.68 -1.01 0.00	46.44 -1.30 0.00	42.41 -0.93 0.00	35.29 -0.65 0.00	26.22 -0.58 0.00	29.23 -0.17 -1.04	89.31 0.20 0.00	35.57 0.25 0.00	34.73 0.59 0.00	26.61 0.13 0.00	28.07 0.08 0.00	30.13 0.32 0.00	31.55 0.48 0.00
SOUTHOLD_69_KV_BK 2 55809	34.60 2.26 -6.34	35.09 2.09 -7.33	35.22 2.43 -2.77	34.61 2.11 -6.63	34.12 2.20 -5.36	32.91 2.35 0.00	79.81 5.41 0.00	41.49 4.12 0.00	80.06 8.25 -0.73	53.75 3.83 -17.68	95.67 8.19 0.00	51.69 4.00 0.00	82.43 5.50 -29.20	49.79 5.01 -1.43	43.12 4.38 -2.80	59.41 3.44 -29.17	42.25 3.84 -10.05	316.64 13.94 -213.59	286.25 5.58 -245.35	281.15 5.03 -241.99	121.75 3.63 -91.65	37.21 3.62 -5.60	37.64 3.44 -4.39	37.05 3.13 -2.85
SOUTHOLD___IC 23719	34.60 2.26 -6.34	35.09 2.09 -7.33	35.22 2.43 -2.77	34.60 2.11 -6.63	34.12 2.20 -5.36	32.91 2.35 0.00	79.82 5.42 0.00	41.49 4.12 0.00	80.09 8.28 -0.73	53.75 3.83 -17.68	95.65 8.17 0.00	51.69 4.01 0.00	82.43 5.50 -29.20	49.78 5.01 -1.43	43.11 4.38 -2.80	59.41 3.43 -29.17	42.25 3.84 -10.05	316.65 13.95 -213.60	286.25 5.58 -245.35	281.15 5.03 -241.99	121.75 3.63 -91.65	37.20 3.62 -5.60	37.64 3.43 -4.39	37.05 3.13 -2.85
SOUTH_FORK_WT_PWR 323839	34.67 2.34 -6.34	35.15 2.15 -7.33	35.30 2.50 -2.77	34.68 2.19 -6.63	34.20 2.28 -5.36	33.00 2.45 0.00	80.03 5.63 0.00	41.60 4.23 0.00	80.28 8.46 -0.73	53.85 3.92 -17.68	95.93 8.45 0.00	51.83 4.14 0.00	82.57 5.64 -29.20	49.92 5.15 -1.43	43.23 4.49 -2.80	59.50 3.52 -29.17	42.47 3.93 -10.17	316.86 14.17 -213.59	286.36 5.69 -245.35	281.27 5.15 -241.99	121.83 3.71 -91.65	37.30 3.72 -5.60	37.73 3.53 -4.39	37.14 3.22 -2.85
SPIERFLS_115KV_TB 1 80737	27.04 1.04 0.00	26.62 0.95 0.00	31.00 0.99 0.00	26.72 0.85 0.00	27.59 1.03 0.00	31.88 1.32 0.00	77.60 3.20 0.00	39.31 1.93 0.00	74.70 3.62 0.00	33.80 1.56 0.00	91.56 4.08 0.00	49.71 2.02 0.00	50.08 2.34 0.00	45.10 1.76 0.00	37.28 1.34 0.00	27.95 1.14 0.00	34.23 1.35 -4.52	92.98 3.87 0.00	36.86 1.55 0.00	35.70 1.56 0.00	27.63 1.15 0.00	28.96 0.97 0.00	30.84 1.03 0.00	31.95 0.88 0.00
ST LAWRENCE___ 23600	25.92 -0.08 0.00	25.59 -0.08 0.00	29.99 -0.03 0.00	25.81 -0.05 0.00	26.46 -0.10 0.00	30.50 -0.05 0.00	74.36 -0.04 0.00	36.89 -0.48 0.00	70.22 -0.86 0.00	31.88 -0.36 0.00	87.18 -0.30 0.00	47.68 -0.01 0.00	47.67 -0.07 0.00	43.26 -0.08 0.00	35.67 -0.26 0.00	26.56 -0.25 0.00	27.89 -0.48 0.00	87.42 -1.69 0.00	34.63 -0.68 0.00	33.56 -0.58 0.00	26.15 -0.32 0.00	27.82 -0.17 0.00	29.79 -0.03 0.00	31.07 0.00 0.00
STATE_CA_115KV_115_LB 55624	26.57 0.57 0.00	26.20 0.53 0.00	30.59 0.58 0.00	26.36 0.49 0.00	27.11 0.55 0.00	31.09 0.54 0.00	75.87 1.47 0.00	38.49 1.12 0.00	73.08 2.01 0.00	33.16 0.92 0.00	89.63 2.15 0.00	48.83 1.14 0.00	49.00 1.26 0.00	44.49 1.15 0.00	36.90 0.96 0.00	27.72 0.92 0.00	33.89 1.13 -4.40	92.63 3.53 0.00	36.66 1.34 0.00	35.41 1.28 0.00	27.39 0.91 0.00	28.79 0.80 0.00	30.37 0.56 0.00	31.42 0.35 0.00
STATE_ST_34_KV_LOAD 55959	25.76 -0.24 0.00	25.49 -0.18 0.00	29.82 -0.20 0.00	25.78 -0.08 0.00	26.48 -0.08 0.00	30.50 -0.05 0.00	74.11 -0.29 0.00	37.43 0.06 0.00	71.04 -0.04 0.00	32.18 -0.06 0.00	87.45 -0.35 -0.32	47.38 -0.31 0.00	47.25 -0.49 0.00	43.01 -0.33 0.00	35.92 -0.03 0.00	26.66 -0.14 0.00	29.24 0.04 -0.83	89.31 0.20 0.00	35.47 0.16 0.00	34.28 0.15 0.00	26.40 -0.08 0.00	27.96 -0.03 0.00	29.68 -0.14 0.00	31.12 0.05 0.00
STATION 5_MISC_HYD 23604	24.83 -1.17 0.00	24.64 -1.03 0.00	28.59 -1.43 0.00	24.65 -1.21 0.00	25.29 -1.28 0.00	29.41 -1.14 0.00	71.61 -2.79 0.00	36.38 -1.00 0.00	68.59 -2.49 0.00	30.92 -1.32 0.00	81.23 -5.09 1.15	44.78 -2.91 0.00	44.65 -3.09 0.00	40.92 -2.42 0.00	34.42 -1.51 0.00	25.59 -1.21 0.00	28.18 -1.07 -0.88	85.99 -3.12 0.00	34.10 -1.22 0.00	33.09 -1.05 0.00	25.44 -1.03 0.00	26.89 -1.10 0.00	28.76 -1.05 0.00	30.21 -0.86 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.19 -0.80 0.00	24.96 -0.70 0.00	29.02 -0.99 0.00	25.06 -0.80 0.00	25.74 -0.82 0.00	29.86 -0.70 0.00	72.74 -1.66 0.00	36.93 -0.45 0.00	69.85 -1.22 0.00	31.54 -0.71 0.00	82.74 -3.07 1.67	45.84 -1.85 0.00	45.71 -2.02 0.00	41.85 -1.49 0.00	35.10 -0.84 0.00	26.13 -0.68 0.00	28.74 -0.49 -0.86	87.66 -1.44 0.00	34.76 -0.56 0.00	33.66 -0.48 0.00	25.92 -0.55 0.00	27.35 -0.64 0.00	29.20 -0.61 0.00	30.58 -0.49 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.70 -1.30 0.00	24.51 -1.16 0.00	28.45 -1.57 0.00	24.53 -1.34 0.00	25.17 -1.40 0.00	29.25 -1.31 0.00	71.27 -3.13 0.00	36.19 -1.19 0.00	68.31 -2.76 0.00	30.79 -1.45 0.00	80.83 -5.39 1.26	44.66 -3.03 0.00	44.53 -3.20 0.00	40.81 -2.53 0.00	34.30 -1.64 0.00	25.49 -1.31 0.00	28.08 -1.17 -0.88	85.63 -3.48 0.00	33.96 -1.35 0.00	32.93 -1.21 0.00	25.33 -1.15 0.00	26.75 -1.24 0.00	28.61 -1.20 0.00	30.04 -1.03 0.00
STA_56___34_KV_BUS2 355983	24.70 -1.30 0.00	24.51 -1.16 0.00	28.45 -1.57 0.00	24.53 -1.34 0.00	25.17 -1.40 0.00	29.25 -1.31 0.00	71.27 -3.13 0.00	36.19 -1.19 0.00	68.31 -2.76 0.00	30.79 -1.45 0.00	80.83 -5.39 1.26	44.66 -3.03 0.00	44.53 -3.20 0.00	40.81 -2.53 0.00	34.30 -1.64 0.00	25.49 -1.31 0.00	28.08 -1.17 -0.88	85.63 -3.48 0.00	33.96 -1.35 0.00	32.93 -1.21 0.00	25.33 -1.15 0.00	26.75 -1.24 0.00	28.61 -1.20 0.00	30.04 -1.03 0.00
STA_67___115KV_BK2 355882	24.78 -1.21 0.00	24.60 -1.07 0.00	28.55 -1.47 0.00	24.61 -1.26 0.00	25.24 -1.33 0.00	29.36 -1.20 0.00	71.48 -2.92 0.00	36.31 -1.07 0.00	68.52 -2.56 0.00	30.86 -1.38 0.00	81.01 -5.32 1.15	44.68 -3.00 0.00	44.54 -3.20 0.00	40.83 -2.51 0.00	34.35 -1.59 0.00	25.52 -1.28 0.00	28.13 -1.12 -0.88	85.81 -3.29 0.00	34.04 -1.28 0.00	33.02 -1.12 0.00	25.39 -1.09 0.00	26.83 -1.17 0.00	28.71 -1.10 0.00	30.17 -0.90 0.00
STA_7___115KV_9TRANS 80674	24.92 -1.07 0.00	24.73 -0.94 0.00	28.70 -1.32 0.00	24.74 -1.12 0.00	25.37 -1.19 0.00	29.52 -1.04 0.00	71.91 -2.49 0.00	36.53 -0.84 0.00	68.96 -2.12 0.00	31.06 -1.18 0.00	81.54 -4.79 1.15	44.99 -2.70 0.00	44.84 -2.90 0.00	41.12 -2.23 0.00	34.59 -1.35 0.00	25.70 -1.11 0.00	28.32 -0.94 -0.88	86.44 -2.66 0.00	34.28 -1.03 0.00	33.25 -0.89 0.00	25.56 -0.92 0.00	27.00 -0.99 0.00	28.88 -0.92 0.00	30.33 -0.74 0.00

STA_82___115KV_TB1 80780	24.77 -1.23 0.00	24.58 -1.09 0.00	28.53 -1.49 0.00	24.59 -1.27 0.00	25.23 -1.34 0.00	29.33 -1.22 0.00	71.44 -2.96 0.00	36.28 -1.10 0.00	68.46 -2.62 0.00	30.84 -1.41 0.00	80.93 -5.40 1.15	44.65 -3.04 0.00	44.51 -3.23 0.00	40.81 -2.53 0.00	34.33 -1.61 0.00	25.51 -1.29 0.00	28.11 -1.14 -0.88	85.73 -3.38 0.00	34.02 -1.30 0.00	32.99 -1.15 0.00	25.37 -1.11 0.00	26.81 -1.18 0.00	28.69 -1.12 0.00	30.14 -0.93 0.00
STEEL___WIND 323596	24.32 -1.67 0.00	24.20 -1.47 0.00	28.07 -1.95 0.00	24.25 -1.61 0.00	24.87 -1.69 0.00	28.97 -1.58 0.00	70.40 -4.00 0.00	35.90 -1.48 0.00	67.57 -3.51 0.00	30.47 -1.77 0.00	80.03 -6.65 0.80	43.86 -3.82 0.00	43.60 -4.13 0.00	40.06 -3.28 0.00	33.83 -2.11 0.00	25.11 -1.69 0.00	27.83 -1.54 -1.00	84.67 -4.44 0.00	33.61 -1.71 0.00	32.73 -1.41 0.00	25.15 -1.33 0.00	26.65 -1.34 0.00	28.61 -1.20 0.00	30.07 -1.00 0.00
STEPHTWN_115KV_BK_2 55603	26.83 0.84 0.00	26.47 0.80 0.00	30.87 0.86 0.00	26.57 0.71 0.00	27.34 0.78 0.00	31.38 0.82 0.00	76.60 2.20 0.00	38.85 1.48 0.00	73.84 2.77 0.00	33.49 1.25 0.00	90.56 3.08 0.00	49.32 1.63 0.00	49.48 1.75 0.00	44.81 1.47 0.00	37.25 1.31 0.00	27.94 1.13 0.00	34.17 1.46 -4.35	93.74 4.63 0.00	37.13 1.81 0.00	35.89 1.75 0.00	27.69 1.22 0.00	29.07 1.08 0.00	30.64 0.83 0.00	31.65 0.58 0.00
STEBEN_REC_LFGE 323667	23.75 -2.25 0.00	23.73 -1.94 0.00	28.07 -1.95 0.00	24.54 -1.33 0.00	25.30 -1.26 0.00	29.32 -1.24 0.00	71.10 -3.30 0.00	36.50 -0.88 0.00	69.39 -1.69 0.00	31.49 -0.76 0.00	84.34 -3.37 -0.23	44.93 -2.76 0.00	44.39 -3.35 0.00	40.72 -2.62 0.00	34.70 -1.24 0.00	25.83 -0.98 0.00	28.94 -0.60 -1.17	87.76 -1.35 0.00	34.20 -1.12 0.00	33.45 -0.68 0.00	25.74 -0.74 0.00	27.43 -0.56 0.00	29.57 -0.24 0.00	30.82 -0.25 0.00
STILLWATER___SOLAR 323814	27.13 1.14 0.00	26.76 1.09 0.00	31.20 1.19 0.00	26.88 1.02 0.00	27.69 1.13 0.00	31.87 1.31 0.00	77.71 3.31 0.00	39.42 2.05 0.00	74.86 3.79 0.00	33.88 1.63 0.00	91.60 4.12 0.00	49.90 2.21 0.00	50.09 2.35 0.00	45.36 2.02 0.00	37.55 1.61 0.00	28.23 1.42 0.00	34.54 1.68 -4.49	94.18 5.07 0.00	37.34 2.02 0.00	36.10 1.97 0.00	27.91 1.44 0.00	29.32 1.33 0.00	31.03 1.22 0.00	32.11 1.04 0.00
STONY___BROOK 24151	34.17 1.84 -6.34	34.71 1.71 -7.33	34.77 1.97 -2.77	34.18 1.69 -6.63	33.66 1.74 -5.36	32.31 1.76 0.00	78.18 3.78 0.00	40.56 3.19 0.00	78.03 6.22 -0.73	52.82 2.90 -17.68	93.80 6.32 0.00	51.03 3.34 0.00	81.04 4.11 -29.20	48.46 3.69 -1.43	42.00 3.26 -2.80	58.63 2.65 -29.17	84.18 3.01 -52.81	313.24 10.54 -213.60	284.84 4.17 -245.35	279.84 3.72 -241.99	120.76 2.64 -91.65	36.16 2.58 -5.60	36.57 2.37 -4.39	36.01 2.09 -2.85
STURGEON_POOL_HYD 23609	27.26 1.26 0.00	26.82 1.15 0.00	31.34 1.32 0.00	27.00 1.14 0.00	27.74 1.18 0.00	31.80 1.24 0.00	77.50 3.10 0.00	39.73 2.36 0.00	75.33 4.25 0.00	34.31 2.06 0.00	92.38 4.90 0.00	50.41 2.72 0.00	50.71 2.97 0.00	45.94 2.60 0.00	38.26 2.32 0.00	28.70 1.90 0.00	34.18 2.23 -3.59	96.63 7.52 0.00	38.33 3.02 0.00	36.87 2.73 0.00	28.37 1.90 0.00	29.77 1.78 0.00	31.35 1.54 0.00	32.33 1.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.02 1.02 0.00	26.61 0.94 0.00	31.10 1.08 0.00	26.80 0.94 0.00	27.54 0.98 0.00	31.58 1.03 0.00	76.94 2.55 0.00	39.36 1.98 0.00	74.59 3.51 0.00	33.96 1.72 0.00	91.54 4.06 0.00	49.97 2.28 0.00	50.23 2.49 0.00	45.50 2.16 0.00	37.89 1.95 0.00	28.43 1.62 0.00	33.56 1.95 -3.25	95.73 6.63 0.00	37.96 2.65 0.00	36.53 2.39 0.00	28.13 1.65 0.00	29.52 1.54 0.00	31.13 1.32 0.00	32.14 1.07 0.00
SWANROAD_115KV_TB1 355699	23.58 -2.42 0.00	23.47 -2.20 0.00	27.18 -2.84 0.00	23.49 -2.37 0.00	24.03 -2.53 0.00	27.99 -2.57 0.00	67.93 -6.47 0.00	34.44 -2.93 0.00	64.80 -6.28 0.00	29.18 -3.07 0.00	75.96 -10.62 0.90	41.84 -5.85 0.00	41.59 -6.14 0.00	38.27 -5.07 0.00	32.40 -3.54 0.00	24.09 -2.71 0.00	26.70 -2.63 -0.97	80.83 -8.27 0.00	32.17 -3.15 0.00	31.30 -2.84 0.00	24.07 -2.41 0.00	25.48 -2.51 0.00	27.45 -2.37 0.00	28.95 -2.12 0.00
SYNERGY___BIOGAS 323694	24.80 -1.20 0.00	24.65 -1.02 0.00	28.56 -1.45 0.00	24.66 -1.21 0.00	25.26 -1.30 0.00	29.48 -1.07 0.00	71.81 -2.59 0.00	36.53 -0.84 0.00	68.74 -2.34 0.00	30.88 -1.36 0.00	80.88 -5.59 1.01	44.41 -3.28 0.00	44.32 -3.42 0.00	40.78 -2.56 0.00	34.44 -1.50 0.00	25.61 -1.20 0.00	28.28 -1.01 -0.93	86.15 -2.95 0.00	34.21 -1.11 0.00	33.23 -0.91 0.00	25.52 -0.95 0.00	26.98 -1.01 0.00	28.91 -0.90 0.00	30.39 -0.68 0.00
SYRACUSE___ENERGY_ST1 323597	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -0.70 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.60 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.30 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	25.71 -0.28 0.00	25.44 -0.23 0.00	29.72 -0.30 0.00	25.62 -0.25 0.00	26.31 -0.25 0.00	30.30 -0.26 0.00	73.70 -0.70 0.00	37.18 -0.19 0.00	70.63 -0.44 0.00	32.03 -0.21 0.00	86.57 -0.91 0.00	47.08 -0.60 0.00	47.09 -0.65 0.00	42.84 -0.50 0.00	35.63 -0.30 0.00	26.52 -0.29 0.00	28.94 -0.16 -0.73	88.60 -0.50 0.00	35.13 -0.18 0.00	33.94 -0.20 0.00	26.22 -0.26 0.00	27.69 -0.30 0.00	29.49 -0.32 0.00	30.90 -0.18 0.00
SYRACUSE___POWER 24017	25.74 -0.25 0.00	25.45 -0.22 0.00	29.73 -0.28 0.00	25.63 -0.23 0.00	26.34 -0.23 0.00	30.32 -0.23 0.00	73.80 -0.60 0.00	37.25 -0.12 0.00	70.77 -0.30 0.00	32.09 -0.15 0.00	86.71 -0.77 0.00	47.14 -0.55 0.00	47.12 -0.62 0.00	42.85 -0.50 0.00	35.67 -0.27 0.00	26.56 -0.24 0.00	28.98 -0.12 -0.74	88.68 -0.42 0.00	35.15 -0.17 0.00	33.96 -0.17 0.00	26.25 -0.22 0.00	27.72 -0.27 0.00	29.53 -0.29 0.00	30.90 -0.17 0.00
TALLMAN___138KV_BK151 55660	27.16 1.17 0.00	26.74 1.07 0.00	31.26 1.24 0.00	26.95 1.09 0.00	27.68 1.12 0.00	31.73 1.18 0.00	77.29 2.89 0.00	39.61 2.23 0.00	75.00 3.93 0.00	34.18 1.94 0.00	92.05 4.57 0.00	50.28 2.59 0.00	50.57 2.84 0.00	45.79 2.44 0.00	38.16 2.22 0.00	28.64 1.83 0.00	33.89 2.18 -3.34	96.54 7.44 0.00	38.29 2.97 0.00	36.82 2.68 0.00	28.32 1.85 0.00	29.72 1.73 0.00	31.31 1.50 0.00	32.30 1.23 0.00
TEALLAVE_115KV_TB7 355573	25.61 -0.39 0.00	25.32 -0.35 0.00	29.57 -0.45 0.00	25.50 -0.36 0.00	26.20 -0.36 0.00	30.16 -0.39 0.00	73.36 -1.04 0.00	37.02 -0.35 0.00	70.34 -0.73 0.00	31.90 -0.34 0.00	86.17 -1.31 0.00	46.83 -0.86 0.00	46.83 -0.90 0.00	42.62 -0.72 0.00	35.44 -0.50 0.00	26.38 -0.42 0.00	28.70 -0.33 -0.67	87.95 -1.16 0.00	34.85 -0.46 0.00	33.69 -0.44 0.00	26.06 -0.42 0.00	27.53 -0.46 0.00	29.32 -0.49 0.00	30.72 -0.36 0.00

TELGRAPH_34_KV_EAST 80808	24.24 -1.76 0.00	24.10 -1.57 0.00	27.92 -2.10 0.00	24.11 -1.75 0.00	24.69 -1.87 0.00	28.78 -1.77 0.00	69.98 -4.42 0.00	35.57 -1.81 0.00	66.96 -4.11 0.00	30.14 -2.11 0.00	78.60 -7.92 0.96	43.28 -4.41 0.00	43.08 -4.66 0.00	39.62 -3.72 0.00	33.49 -2.45 0.00	24.89 -1.92 0.00	27.54 -1.77 -0.95	83.64 -5.46 0.00	33.27 -2.05 0.00	32.34 -1.81 0.00	24.84 -1.63 0.00	26.28 -1.71 0.00	28.24 -1.57 0.00	29.74 -1.34 0.00
TEMPLE___115KV_TB 2 55572	25.62 -0.38 0.00	25.33 -0.34 0.00	29.58 -0.44 0.00	25.51 -0.36 0.00	26.21 -0.35 0.00	30.17 -0.39 0.00	73.39 -1.01 0.00	37.04 -0.33 0.00	70.36 -0.71 0.00	31.92 -0.33 0.00	86.19 -1.29 0.00	46.87 -0.82 0.00	46.87 -0.87 0.00	42.64 -0.70 0.00	35.46 -0.48 0.00	26.40 -0.41 0.00	28.73 -0.32 -0.67	88.02 -1.08 0.00	34.88 -0.43 0.00	33.72 -0.42 0.00	26.08 -0.39 0.00	27.54 -0.45 0.00	29.34 -0.47 0.00	30.74 -0.33 0.00
TIANA___69_KV_BK 1 55817	34.22 1.89 -6.34	34.72 1.72 -7.33	34.78 2.00 -2.77	34.23 1.73 -6.63	33.72 1.80 -5.36	32.44 1.88 0.00	78.63 4.23 0.00	40.86 3.49 0.00	78.80 6.99 -0.73	53.18 3.26 -17.68	94.16 6.68 0.00	50.87 3.18 0.00	81.61 4.67 -29.20	49.02 4.24 -1.43	42.47 3.73 -2.80	58.92 2.94 -29.17	41.71 3.28 -10.06	314.94 12.24 -213.59	285.54 4.87 -245.35	280.48 4.36 -241.99	121.25 3.13 -91.65	36.71 3.12 -5.60	37.13 2.93 -4.39	36.55 2.63 -2.85
TILDEN___115KV_TB1 80814	25.74 -0.25 0.00	25.45 -0.22 0.00	29.73 -0.28 0.00	25.63 -0.23 0.00	26.34 -0.23 0.00	30.32 -0.23 0.00	73.80 -0.60 0.00	37.25 -0.12 0.00	70.77 -0.30 0.00	32.09 -0.15 0.00	86.71 -0.77 0.00	47.14 -0.55 0.00	47.12 -0.62 0.00	42.85 -0.50 0.00	35.67 -0.27 0.00	26.56 -0.24 0.00	28.98 -0.12 -0.74	88.68 -0.42 0.00	35.15 -0.17 0.00	33.96 -0.17 0.00	26.25 -0.22 0.00	27.72 -0.27 0.00	29.53 -0.29 0.00	30.90 -0.17 0.00
TRIGEN___CC 323695	34.06 1.72 -6.34	34.62 1.63 -7.33	34.64 1.85 -2.77	34.09 1.60 -6.63	33.56 1.64 -5.36	32.27 1.72 0.00	78.11 3.72 0.00	40.37 3.00 0.00	77.42 5.61 -0.73	52.63 2.71 -17.68	93.57 6.09 0.00	51.02 3.34 0.00	80.75 3.82 -29.20	48.16 3.39 -1.43	41.76 3.02 -2.80	58.44 2.47 -29.17	85.85 2.79 -54.70	312.13 9.43 -213.59	284.43 3.76 -245.35	279.59 3.47 -241.99	120.59 2.47 -91.65	35.95 2.37 -5.60	36.36 2.15 -4.39	35.79 1.87 -2.85
TRINITY___115KV__ 4 BK 55933	26.48 0.48 0.00	26.11 0.44 0.00	30.49 0.47 0.00	26.26 0.40 0.00	27.01 0.45 0.00	30.97 0.42 0.00	75.58 1.18 0.00	38.33 0.95 0.00	72.79 1.72 0.00	33.01 0.77 0.00	89.23 1.75 0.00	48.61 0.92 0.00	48.78 1.04 0.00	44.27 0.93 0.00	36.73 0.79 0.00	27.60 0.80 0.00	33.71 0.99 -4.36	92.18 3.07 0.00	36.49 1.17 0.00	35.26 1.12 0.00	27.27 0.79 0.00	28.68 0.69 0.00	30.25 0.44 0.00	31.29 0.22 0.00
UNION___PROCESSING_DRP 323587	24.78 -1.22 0.00	24.59 -1.08 0.00	28.53 -1.48 0.00	24.60 -1.27 0.00	25.23 -1.33 0.00	29.35 -1.21 0.00	71.46 -2.94 0.00	36.28 -1.09 0.00	68.46 -2.61 0.00	30.85 -1.40 0.00	80.95 -5.38 1.16	44.65 -3.04 0.00	44.51 -3.23 0.00	40.82 -2.52 0.00	34.35 -1.59 0.00	25.52 -1.29 0.00	28.12 -1.13 -0.88	85.75 -3.35 0.00	34.02 -1.30 0.00	33.00 -1.14 0.00	25.38 -1.10 0.00	26.82 -1.18 0.00	28.70 -1.11 0.00	30.15 -0.92 0.00
UPPER HUDSON___HYD 24058	27.04 1.04 0.00	26.62 0.95 0.00	31.00 0.99 0.00	26.72 0.85 0.00	27.59 1.03 0.00	31.88 1.32 0.00	77.60 3.20 0.00	39.31 1.93 0.00	74.70 3.62 0.00	33.80 1.56 0.00	91.56 4.08 0.00	49.71 2.02 0.00	50.08 2.34 0.00	45.10 1.76 0.00	37.28 1.34 0.00	27.95 1.14 0.00	34.23 1.35 -4.52	92.97 3.87 0.00	36.86 1.54 0.00	35.70 1.56 0.00	27.63 1.15 0.00	28.96 0.97 0.00	30.84 1.03 0.00	31.95 0.88 0.00
UPPER RAQUET___HYD 24056	26.04 0.04 0.00	25.77 0.10 0.00	30.27 0.25 0.00	26.01 0.14 0.00	26.65 0.09 0.00	30.83 0.27 0.00	75.29 0.89 0.00	37.29 -0.08 0.00	71.02 -0.05 0.00	32.21 -0.03 0.00	88.13 0.65 0.00	48.11 0.42 0.00	47.99 0.25 0.00	43.51 0.17 0.00	35.77 -0.17 0.00	26.59 -0.21 0.00	28.13 -0.34 -0.10	88.09 -1.02 0.00	34.87 -0.44 0.00	33.81 -0.33 0.00	26.31 -0.17 0.00	28.07 0.08 0.00	30.18 0.37 0.00	31.51 0.44 0.00
VALLEY44_115KV_TB2 355964	25.40 -0.59 0.00	25.28 -0.39 0.00	29.36 -0.66 0.00	25.36 -0.50 0.00	26.04 -0.52 0.00	30.19 -0.36 0.00	73.16 -1.24 0.00	37.44 0.07 0.00	70.48 -0.59 0.00	31.76 -0.48 0.00	84.17 -2.60 0.71	46.06 -1.63 0.00	45.78 -1.96 0.00	41.73 -1.61 0.00	35.16 -0.78 0.00	26.11 -0.70 0.00	28.92 -0.49 -1.05	88.52 -0.58 0.00	35.12 -0.20 0.00	34.12 -0.02 0.00	26.14 -0.33 0.00	27.67 -0.32 0.00	29.65 -0.16 0.00	31.03 -0.04 0.00
VALLEY___115KV_TB 1-4 80826	26.33 0.33 0.00	25.88 0.21 0.00	30.09 0.07 0.00	25.97 0.11 0.00	26.78 0.22 0.00	30.79 0.23 0.00	75.27 0.87 0.00	38.27 0.89 0.00	72.32 1.25 0.00	32.69 0.44 0.00	88.27 0.79 0.00	48.02 0.33 0.00	48.10 0.36 0.00	43.50 0.16 0.00	36.32 0.38 0.00	27.22 0.42 0.00	29.20 0.74 -0.09	91.97 2.87 0.00	36.29 0.98 0.00	34.99 0.85 0.00	27.12 0.64 0.00	28.44 0.45 0.00	30.26 0.45 0.00	31.25 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.74 0.74 0.00	26.38 0.71 0.00	30.93 0.92 0.00	26.62 0.76 0.00	27.37 0.81 0.00	31.45 0.90 0.00	76.67 2.28 0.00	38.96 1.59 0.00	73.99 2.92 0.00	33.60 1.35 0.00	90.75 3.27 0.00	49.47 1.78 0.00	49.51 1.77 0.00	44.94 1.60 0.00	37.35 1.41 0.00	27.97 1.17 0.00	31.53 1.43 -1.74	94.03 4.93 0.00	37.32 2.01 0.00	36.01 1.87 0.00	27.75 1.27 0.00	29.21 1.22 0.00	30.95 1.14 0.00	32.11 1.04 0.00
VISCHER___FERRY HYD 24020	26.84 0.84 0.00	26.48 0.81 0.00	30.89 0.87 0.00	26.61 0.75 0.00	27.39 0.82 0.00	31.43 0.88 0.00	76.69 2.29 0.00	38.91 1.53 0.00	73.91 2.83 0.00	33.46 1.22 0.00	90.43 2.95 0.00	49.27 1.58 0.00	49.45 1.72 0.00	44.88 1.54 0.00	37.20 1.26 0.00	27.96 1.16 0.00	34.16 1.37 -4.42	93.26 4.16 0.00	36.92 1.61 0.00	35.70 1.57 0.00	27.63 1.16 0.00	29.06 1.07 0.00	30.68 0.87 0.00	31.74 0.67 0.00
V_A_10_SYNC_DSASP 323832	24.11 -1.88 0.00	23.98 -1.69 0.00	27.80 -2.22 0.00	23.97 -1.89 0.00	24.56 -2.00 0.00	28.58 -1.97 0.00	69.43 -4.97 0.00	35.27 -2.10 0.00	66.33 -4.75 0.00	29.89 -2.36 0.00	78.32 -8.15 1.02	43.13 -4.56 0.00	42.89 -4.84 0.00	39.35 -3.99 0.00	33.22 -2.72 0.00	24.69 -2.12 0.00	27.27 -2.03 -0.93	82.94 -6.17 0.00	32.92 -2.39 0.00	32.01 -2.12 0.00	24.61 -1.86 0.00	26.07 -1.92 0.00	27.98 -1.83 0.00	29.46 -1.61 0.00
V_CMM_10_SYNC_DSASP 323787	26.03 0.03 0.00	25.70 0.03 0.00	30.11 0.09 0.00	25.93 0.06 0.00	26.57 0.01 0.00	30.64 0.09 0.00	74.71 0.31 0.00	37.07 -0.31 0.00	70.53 -0.55 0.00	32.03 -0.21 0.00	87.56 0.08 0.00	47.88 0.19 0.00	47.88 0.14 0.00	43.46 0.12 0.00	35.83 -0.11 0.00	26.68 -0.13 0.00	28.02 -0.35 0.00	87.81 -1.29 0.00	34.79 -0.53 0.00	33.71 -0.43 0.00	26.27 -0.20 0.00	27.94 -0.05 0.00	29.93 0.12 0.00	31.20 0.13 0.00

V_CMP_10_SYNC_DSASP 323788	25.70 -0.29 0.00	25.36 -0.31 0.00	30.00 -0.02 0.00	25.80 -0.07 0.00	26.36 -0.20 0.00	30.40 -0.16 0.00	74.49 0.09 0.00	36.74 -0.63 0.00	69.53 -1.54 0.00	31.57 -0.67 0.00	86.86 -0.62 0.00	47.68 -0.01 0.00	47.80 0.06 0.00	43.53 0.19 0.00	35.71 -0.22 0.00	26.88 0.07 0.00	28.20 -0.17 0.00	88.61 -0.50 0.00	35.30 -0.02 0.00	34.41 0.28 0.00	26.65 0.18 0.00	28.08 0.09 0.00	30.28 0.47 0.00	31.55 0.47 0.00
V_E_10_SYNC_DSASP 323830	27.10 1.10 0.00	26.71 1.04 0.00	31.21 1.19 0.00	27.11 1.25 0.00	28.00 1.44 0.00	32.57 2.02 0.00	79.92 5.52 0.00	40.75 3.38 0.00	76.84 5.76 0.00	34.76 2.52 0.00	94.06 6.58 0.00	50.92 3.23 0.00	50.47 2.73 0.00	45.58 2.24 0.00	38.00 2.06 0.00	28.75 1.95 0.00	32.17 2.40 -1.40	97.78 8.68 0.00	38.71 3.39 0.00	37.32 3.18 0.00	28.60 2.12 0.00	30.07 2.08 0.00	31.88 2.07 0.00	32.93 1.86 0.00
V_F_30_NSYNC___DSASP 323816	27.17 1.17 0.00	26.79 1.12 0.00	31.25 1.23 0.00	26.92 1.06 0.00	27.73 1.16 0.00	31.91 1.36 0.00	77.80 3.40 0.00	39.47 2.10 0.00	74.98 3.90 0.00	33.93 1.69 0.00	91.75 4.27 0.00	49.97 2.28 0.00	50.15 2.42 0.00	45.42 2.08 0.00	37.60 1.66 0.00	28.27 1.46 0.00	34.58 1.71 -4.50	94.34 5.24 0.00	37.39 2.07 0.00	36.15 2.02 0.00	27.95 1.47 0.00	29.36 1.37 0.00	31.08 1.27 0.00	32.17 1.09 0.00
V_F_30_SYNC_DSASP 323786	26.56 0.56 0.00	26.20 0.53 0.00	30.58 0.57 0.00	26.36 0.49 0.00	27.11 0.55 0.00	31.09 0.53 0.00	75.87 1.47 0.00	38.49 1.11 0.00	73.08 2.01 0.00	33.15 0.91 0.00	89.63 2.15 0.00	48.82 1.13 0.00	48.99 1.25 0.00	44.48 1.14 0.00	36.90 0.96 0.00	27.72 0.91 0.00	33.88 1.12 -4.40	92.62 3.52 0.00	36.66 1.34 0.00	35.41 1.27 0.00	27.38 0.91 0.00	28.79 0.80 0.00	30.37 0.56 0.00	31.42 0.35 0.00
V_XM_10_SYNC_DSASP 323789	25.70 -0.29 0.00	25.36 -0.31 0.00	30.00 -0.02 0.00	25.80 -0.07 0.00	26.36 -0.20 0.00	30.40 -0.16 0.00	74.49 0.09 0.00	36.74 -0.63 0.00	69.53 -1.54 0.00	31.57 -0.67 0.00	86.86 -0.62 0.00	47.68 -0.01 0.00	47.80 0.06 0.00	43.53 0.19 0.00	35.71 -0.22 0.00	26.88 0.07 0.00	28.20 -0.17 0.00	88.61 -0.50 0.00	35.30 -0.02 0.00	34.41 0.28 0.00	26.65 0.18 0.00	28.08 0.09 0.00	30.28 0.47 0.00	31.55 0.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.25 1.25 0.00	26.83 1.16 0.00	31.36 1.34 0.00	27.03 1.16 0.00	27.77 1.20 0.00	31.84 1.28 0.00	77.54 3.15 0.00	39.75 2.37 0.00	75.28 4.21 0.00	34.30 2.06 0.00	92.39 4.91 0.00	50.47 2.78 0.00	50.75 3.01 0.00	45.95 2.61 0.00	38.29 2.35 0.00	28.74 1.94 0.00	34.02 2.29 -3.36	96.90 7.80 0.00	38.42 3.11 0.00	36.96 2.82 0.00	28.43 1.95 0.00	29.83 1.84 0.00	31.41 1.60 0.00	32.41 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.46 1.46 0.00	27.01 1.34 0.00	31.54 1.52 0.00	27.18 1.32 0.00	27.93 1.37 0.00	32.02 1.46 0.00	77.91 3.51 0.00	40.11 2.74 0.00	76.10 5.02 0.00	34.69 2.45 0.00	93.28 5.79 0.00	50.86 3.17 0.00	51.24 3.50 0.00	46.33 2.99 0.00	38.65 2.71 0.00	29.06 2.26 0.00	34.48 2.62 -3.50	97.99 8.89 0.00	38.88 3.56 0.00	37.32 3.18 0.00	28.71 2.24 0.00	30.09 2.11 0.00	31.67 1.86 0.00	32.60 1.53 0.00
W50THST__13_KV_LOAD 356117	27.60 1.60 0.00	27.14 1.47 0.00	31.68 1.67 0.00	27.31 1.45 0.00	28.07 1.50 0.00	32.18 1.63 0.00	78.32 3.92 0.00	40.36 2.99 0.00	76.60 5.52 0.00	34.93 2.68 0.00	93.93 6.45 0.00	51.22 3.53 0.00	51.60 3.86 0.00	46.66 3.32 0.00	38.92 2.98 0.00	29.27 2.47 0.00	34.71 2.84 -3.50	98.66 9.56 0.00	39.16 3.84 0.00	37.58 3.44 0.00	28.91 2.43 0.00	30.28 2.29 0.00	31.87 2.06 0.00	32.79 1.72 0.00
WADING RIVER_IC_1 23522	33.96 1.63 -6.34	34.47 1.48 -7.33	34.49 1.70 -2.77	33.96 1.47 -6.63	33.44 1.53 -5.36	32.11 1.56 0.00	77.80 3.41 0.00	40.42 3.05 0.00	77.92 6.11 -0.73	52.76 2.83 -17.68	93.02 5.54 0.00	50.23 2.54 0.00	81.00 4.06 -29.20	48.45 3.68 -1.43	42.00 3.26 -2.80	58.54 2.57 -29.17	44.88 2.86 -13.66	313.64 10.94 -213.60	285.03 4.36 -245.35	279.96 3.84 -241.99	120.88 2.76 -91.65	36.35 2.77 -5.60	36.77 2.56 -4.39	36.20 2.28 -2.85
WADING RIVER_IC_2 23547	33.96 1.63 -6.34	34.47 1.48 -7.33	34.49 1.70 -2.77	33.96 1.47 -6.63	33.44 1.53 -5.36	32.11 1.56 0.00	77.80 3.41 0.00	40.42 3.05 0.00	77.92 6.11 -0.73	52.76 2.83 -17.68	93.02 5.54 0.00	50.23 2.54 0.00	81.00 4.06 -29.20	48.45 3.68 -1.43	42.00 3.26 -2.80	58.54 2.57 -29.17	44.88 2.86 -13.66	313.64 10.94 -213.60	285.03 4.36 -245.35	279.96 3.84 -241.99	120.88 2.76 -91.65	36.35 2.77 -5.60	36.77 2.56 -4.39	36.20 2.28 -2.85
WADING RIVER_IC_3 23601	33.96 1.63 -6.34	34.47 1.48 -7.33	34.49 1.70 -2.77	33.96 1.47 -6.63	33.44 1.53 -5.36	32.11 1.56 0.00	77.80 3.41 0.00	40.42 3.05 0.00	77.92 6.11 -0.73	52.76 2.83 -17.68	93.02 5.54 0.00	50.23 2.54 0.00	81.00 4.06 -29.20	48.45 3.68 -1.43	42.00 3.26 -2.80	58.54 2.57 -29.17	44.88 2.86 -13.66	313.64 10.94 -213.60	285.03 4.36 -245.35	279.96 3.84 -241.99	120.88 2.76 -91.65	36.35 2.77 -5.60	36.77 2.56 -4.39	36.20 2.28 -2.85
WALDENNY_12_KV_BK2 80841	24.33 -1.66 0.00	24.21 -1.46 0.00	28.09 -1.93 0.00	24.26 -1.60 0.00	24.87 -1.69 0.00	28.98 -1.57 0.00	70.44 -3.96 0.00	35.90 -1.47 0.00	67.64 -3.43 0.00	30.48 -1.77 0.00	79.89 -6.78 0.81	43.83 -3.85 0.00	43.60 -4.14 0.00	40.06 -3.28 0.00	33.83 -2.11 0.00	25.11 -1.69 0.00	27.84 -1.53 -1.00	84.65 -4.46 0.00	33.63 -1.69 0.00	32.71 -1.43 0.00	25.12 -1.35 0.00	26.59 -1.40 0.00	28.58 -1.23 0.00	30.05 -1.02 0.00
WALDEN___HYDRO 24148	27.26 1.26 0.00	26.84 1.17 0.00	31.34 1.33 0.00	27.01 1.15 0.00	27.76 1.20 0.00	31.85 1.29 0.00	77.65 3.25 0.00	39.74 2.37 0.00	75.37 4.29 0.00	34.54 2.30 0.00	93.14 5.66 0.00	50.45 2.76 0.00	50.64 2.90 0.00	45.89 2.55 0.00	38.21 2.28 0.00	28.67 1.86 0.00	33.98 2.23 -3.39	96.71 7.61 0.00	38.37 3.05 0.00	36.93 2.79 0.00	28.42 1.94 0.00	29.83 1.83 0.00	31.44 1.63 0.00	32.42 1.35 0.00
WARRENSBURG____ 23737	27.04 1.04 0.00	26.62 0.95 0.00	31.00 0.99 0.00	26.72 0.85 0.00	27.59 1.03 0.00	31.88 1.32 0.00	77.60 3.20 0.00	39.31 1.93 0.00	74.70 3.62 0.00	33.80 1.56 0.00	91.56 4.08 0.00	49.71 2.02 0.00	50.08 2.34 0.00	45.10 1.76 0.00	37.28 1.34 0.00	27.95 1.14 0.00	34.23 1.35 -4.52	92.97 3.87 0.00	36.86 1.54 0.00	35.70 1.56 0.00	27.63 1.15 0.00	28.96 0.97 0.00	30.84 1.03 0.00	31.95 0.88 0.00
WATERSIDE___6 8 9 23538	27.38 1.38 0.00	26.93 1.26 0.00	31.44 1.43 0.00	27.11 1.25 0.00	27.85 1.30 0.00	31.93 1.37 0.00	77.72 3.33 0.00	40.01 2.64 0.00	75.88 4.80 0.00	34.62 2.38 0.00	93.01 5.53 0.00	50.74 3.05 0.00	51.09 3.35 0.00	46.22 2.88 0.00	38.58 2.64 0.00	29.01 2.20 0.00	34.40 2.53 -3.51	97.73 8.63 0.00	38.75 3.43 0.00	37.20 3.06 0.00	28.64 2.16 0.00	30.00 2.01 0.00	31.57 1.76 0.00	32.49 1.42 0.00

WATKINRD_115KV_LN8_ILLION 55919	26.27 0.27 0.00	25.89 0.23 0.00	30.20 0.18 0.00	26.04 0.18 0.00	26.81 0.25 0.00	30.81 0.26 0.00	75.19 0.79 0.00	38.10 0.73 0.00	72.20 1.12 0.00	32.67 0.43 0.00	88.43 0.95 0.00	48.13 0.44 0.00	48.19 0.45 0.00	43.64 0.30 0.00	36.36 0.42 0.00	27.23 0.42 0.00	29.11 0.65 -0.09	91.49 2.38 0.00	36.19 0.87 0.00	34.92 0.78 0.00	27.04 0.56 0.00	28.43 0.44 0.00	30.19 0.38 0.00	31.27 0.20 0.00
WATSON___69_KV_BK 1 55734	34.42 2.08 -6.34	34.95 1.95 -7.33	35.04 2.25 -2.77	34.42 1.93 -6.63	33.91 1.99 -5.36	32.62 2.06 0.00	78.85 4.45 0.00	40.90 3.53 0.00	78.68 6.87 -0.73	53.12 3.20 -17.68	94.69 7.21 0.00	51.52 3.83 0.00	81.51 4.57 -29.20	48.84 4.07 -1.43	42.33 3.59 -2.80	58.90 2.93 -29.17	86.39 3.32 -54.70	314.07 11.37 -213.59	285.14 4.48 -245.35	280.14 4.01 -241.99	121.03 2.91 -91.65	36.43 2.85 -5.60	36.86 2.66 -4.39	36.31 2.38 -2.85
WDELAWARE___HYD 323627	27.06 1.06 0.00	26.64 0.97 0.00	31.12 1.10 0.00	26.81 0.94 0.00	27.56 1.00 0.00	31.63 1.08 0.00	77.19 2.80 0.00	39.50 2.12 0.00	74.88 3.80 0.00	34.08 1.84 0.00	91.87 4.39 0.00	50.19 2.50 0.00	50.40 2.67 0.00	45.68 2.34 0.00	38.01 2.07 0.00	28.42 1.62 0.00	33.51 2.04 -3.10	96.30 7.20 0.00	38.15 2.84 0.00	36.74 2.60 0.00	28.24 1.77 0.00	29.64 1.65 0.00	31.26 1.45 0.00	32.25 1.18 0.00
WEST BABYLON___IC 23714	34.37 2.03 -6.34	34.91 1.91 -7.33	34.98 2.20 -2.77	34.38 1.89 -6.63	33.85 1.94 -5.36	32.57 2.02 0.00	78.72 4.32 0.00	40.80 3.43 0.00	78.46 6.65 -0.73	53.03 3.11 -17.68	94.58 7.10 0.00	51.49 3.80 0.00	81.39 4.46 -29.20	48.75 3.98 -1.43	42.26 3.53 -2.80	58.84 2.87 -29.17	86.30 3.23 -54.70	313.69 11.00 -213.59	285.01 4.35 -245.35	280.05 3.93 -241.99	120.96 2.84 -91.65	36.35 2.77 -5.60	36.77 2.57 -4.39	36.21 2.29 -2.85
WEST CANADA___HYD 24049	26.05 0.05 0.00	25.72 0.04 0.00	30.07 0.05 0.00	25.91 0.04 0.00	26.62 0.05 0.00	30.62 0.06 0.00	74.59 0.19 0.00	37.56 0.18 0.00	71.42 0.34 0.00	32.37 0.13 0.00	87.76 0.28 0.00	47.79 0.10 0.00	47.83 0.09 0.00	43.39 0.05 0.00	36.01 0.07 0.00	26.89 0.09 0.00	28.63 0.17 -0.09	89.73 0.62 0.00	35.56 0.25 0.00	34.35 0.21 0.00	26.61 0.13 0.00	28.08 0.09 0.00	29.87 0.06 0.00	31.10 0.03 0.00
WESTERN_NY_WIND 24143	24.77 -1.23 0.00	24.61 -1.06 0.00	28.52 -1.49 0.00	24.61 -1.25 0.00	25.22 -1.34 0.00	29.43 -1.12 0.00	71.68 -2.71 0.00	36.47 -0.91 0.00	68.68 -2.40 0.00	30.83 -1.41 0.00	80.65 -5.84 0.99	44.32 -3.37 0.00	44.22 -3.51 0.00	40.69 -2.65 0.00	34.38 -1.56 0.00	25.55 -1.26 0.00	28.25 -1.05 -0.94	85.99 -3.12 0.00	34.16 -1.16 0.00	33.16 -0.97 0.00	25.47 -1.01 0.00	26.90 -1.08 0.00	28.86 -0.95 0.00	30.34 -0.73 0.00
WESTOVER___LESR 323668	25.89 -0.11 0.00	25.63 -0.04 0.00	29.91 -0.10 0.00	25.84 -0.02 0.00	26.54 -0.02 0.00	30.55 -0.01 0.00	74.36 -0.04 0.00	37.80 0.42 0.00	71.67 0.59 0.00	32.48 0.23 0.00	87.72 0.24 0.00	47.70 0.01 0.00	47.61 -0.13 0.00	43.21 -0.13 0.00	36.05 0.11 0.00	26.93 0.12 0.00	30.23 0.39 -1.47	90.72 1.62 0.00	35.96 0.64 0.00	34.73 0.59 0.00	26.73 0.25 0.00	28.18 0.19 0.00	30.01 0.19 0.00	31.21 0.15 0.00
WETHRSFD_WT_PWR 323626	23.88 -2.12 0.00	23.82 -1.85 0.00	27.76 -2.26 0.00	24.07 -1.79 0.00	24.76 -1.81 0.00	28.76 -1.80 0.00	69.82 -4.58 0.00	35.75 -1.62 0.00	67.51 -3.56 0.00	30.55 -1.69 0.00	80.72 -6.25 0.52	43.67 -4.02 0.00	43.48 -4.26 0.00	40.08 -3.26 0.00	33.95 -1.99 0.00	25.20 -1.61 0.00	28.00 -1.44 -1.07	85.12 -3.99 0.00	33.73 -1.59 0.00	32.75 -1.39 0.00	25.15 -1.32 0.00	26.73 -1.26 0.00	28.73 -1.08 0.00	30.11 -0.96 0.00
WHAVSTOR_138KV_BK127 55557	27.15 1.15 0.00	26.73 1.06 0.00	31.25 1.23 0.00	26.93 1.07 0.00	27.68 1.11 0.00	31.72 1.16 0.00	77.25 2.85 0.00	39.58 2.21 0.00	74.98 3.91 0.00	34.16 1.91 0.00	92.00 4.52 0.00	50.23 2.54 0.00	50.52 2.79 0.00	45.75 2.41 0.00	38.13 2.19 0.00	28.62 1.82 0.00	33.89 2.15 -3.37	96.45 7.35 0.00	38.25 2.93 0.00	36.79 2.65 0.00	28.30 1.83 0.00	29.70 1.71 0.00	31.28 1.47 0.00	32.28 1.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.15 1.15 0.00	26.73 1.06 0.00	31.25 1.23 0.00	26.93 1.07 0.00	27.68 1.11 0.00	31.72 1.16 0.00	77.25 2.85 0.00	39.58 2.21 0.00	74.98 3.91 0.00	34.16 1.91 0.00	92.00 4.52 0.00	50.23 2.54 0.00	50.52 2.79 0.00	45.75 2.41 0.00	38.13 2.19 0.00	28.62 1.82 0.00	33.89 2.15 -3.37	96.45 7.35 0.00	38.25 2.93 0.00	36.79 2.65 0.00	28.30 1.83 0.00	29.70 1.71 0.00	31.28 1.47 0.00	32.28 1.21 0.00
WHITEHAL_115KV_TB1 80871	27.85 1.86 0.00	27.14 1.47 0.00	31.51 1.49 0.00	27.19 1.33 0.00	28.33 1.77 0.00	33.16 2.61 0.00	79.96 5.56 0.00	40.87 3.50 0.00	77.53 6.45 0.00	35.00 2.76 0.00	93.91 6.43 0.00	51.32 3.64 0.00	51.66 3.92 0.00	46.57 3.24 0.00	38.47 2.54 0.00	29.03 2.22 0.00	35.57 2.69 -4.51	96.04 6.93 0.00	38.24 2.93 0.00	37.35 3.22 0.00	28.80 2.33 0.00	30.17 2.19 0.00	31.67 1.86 0.00	32.48 1.41 0.00
WHITEPLN_13_KV_LOAD 356215	27.48 1.48 0.00	27.03 1.36 0.00	31.58 1.56 0.00	27.22 1.35 0.00	27.97 1.41 0.00	32.07 1.52 0.00	78.14 3.74 0.00	40.14 2.77 0.00	76.18 5.11 0.00	34.70 2.46 0.00	93.44 5.96 0.00	50.95 3.27 0.00	51.28 3.54 0.00	46.44 3.09 0.00	38.70 2.76 0.00	29.08 2.28 0.00	34.50 2.63 -3.50	98.01 8.90 0.00	38.85 3.54 0.00	37.35 3.21 0.00	28.73 2.26 0.00	30.13 2.14 0.00	31.71 1.90 0.00	32.67 1.60 0.00
WM_FLOYD_69_KV_BK2 356380	33.98 1.65 -6.34	34.48 1.48 -7.33	34.50 1.71 -2.77	33.97 1.48 -6.63	33.45 1.54 -5.36	32.11 1.56 0.00	77.82 3.42 0.00	40.43 3.05 0.00	77.89 6.08 -0.73	52.76 2.84 -17.68	93.16 5.68 0.00	50.39 2.70 0.00	80.98 4.05 -29.20	48.43 3.66 -1.43	41.99 3.25 -2.80	58.57 2.59 -29.17	33.13 2.93 -1.84	313.69 10.99 -213.59	285.01 4.35 -245.35	280.00 3.87 -241.99	120.89 2.77 -91.65	36.32 2.73 -5.60	36.74 2.53 -4.39	36.17 2.25 -2.85
WOODARD___115KV_TB2 355635	25.57 -0.43 0.00	25.28 -0.39 0.00	29.52 -0.49 0.00	25.45 -0.41 0.00	26.15 -0.41 0.00	30.11 -0.45 0.00	73.21 -1.19 0.00	36.93 -0.45 0.00	70.15 -0.92 0.00	31.81 -0.43 0.00	85.95 -1.53 0.00	46.75 -0.94 0.00	46.76 -0.98 0.00	42.53 -0.81 0.00	35.35 -0.59 0.00	26.32 -0.49 0.00	28.66 -0.39 -0.68	87.80 -1.31 0.00	34.81 -0.51 0.00	33.63 -0.51 0.00	26.01 -0.47 0.00	27.47 -0.52 0.00	29.26 -0.55 0.00	30.66 -0.41 0.00
YORK___WARBASSE 23770	27.50 1.51 0.00	27.06 1.39 0.00	31.60 1.58 0.00	27.24 1.38 0.00	27.99 1.43 0.00	32.05 1.50 0.00	77.93 3.53 0.00	40.16 2.79 0.00	76.04 4.96 0.00	34.74 2.50 0.00	93.20 5.72 0.00	50.86 3.18 0.00	51.20 3.46 0.00	46.32 2.97 0.00	38.73 2.79 0.00	29.13 2.33 0.00	34.53 2.66 -3.51	98.01 8.90 0.00	38.92 3.60 0.00	37.38 3.25 0.00	28.78 2.31 0.00	30.15 2.16 0.00	31.75 1.94 0.00	32.68 1.61 0.00