

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/22/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.69	37.52	36.42	37.05	37.92	41.02	57.17	78.88	84.56	38.33	33.68	30.44	28.65	33.51	33.62	34.43	34.58	38.57	45.40	56.33	48.31	46.72	43.29	39.93
24138	1.64	1.67	1.70	1.75	1.78	2.11	2.89	4.02	4.29	1.95	1.70	1.58	1.44	1.56	1.59	1.77	1.88	2.19	2.78	3.33	2.72	2.63	2.12	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.73	37.59	36.46	37.09	37.98	41.07	57.26	78.99	84.59	38.34	33.68	30.41	28.62	33.48	33.59	34.42	34.57	38.57	45.39	56.42	48.40	46.79	43.37	40.00
24260	1.67	1.74	1.74	1.79	1.83	2.17	2.98	4.12	4.32	1.95	1.70	1.55	1.41	1.54	1.56	1.76	1.87	2.19	2.77	3.41	2.81	2.69	2.20	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.73	37.59	36.46	37.09	37.98	41.07	57.26	78.99	84.59	38.34	33.68	30.41	28.62	33.48	33.59	34.42	34.57	38.57	45.39	56.42	48.40	46.79	43.37	40.00
24261	1.67	1.74	1.74	1.79	1.83	2.17	2.98	4.12	4.32	1.95	1.70	1.55	1.41	1.54	1.56	1.76	1.87	2.19	2.77	3.41	2.81	2.69	2.20	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.71	37.57	36.38	37.03	37.95	40.91	57.47	80.32	85.94	38.09	32.93	29.55	27.80	33.09	33.73	34.37	34.87	39.33	46.19	57.35	49.40	47.69	44.30	41.04
24011	1.65	1.73	1.67	1.74	1.81	2.00	3.19	5.46	5.67	1.71	0.94	0.70	0.59	1.15	1.71	1.71	2.17	2.95	3.56	4.34	3.81	3.59	3.14	2.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.82	37.70	36.49	37.15	38.09	41.04	57.65	80.58	86.33	38.22	32.99	29.56	27.80	33.06	33.72	34.42	34.98	39.42	46.32	57.41	49.43	47.73	44.34	41.07
23798	1.77	1.84	1.77	1.85	1.95	2.14	3.38	5.72	6.06	1.84	1.01	0.71	0.59	1.13	1.70	1.75	2.27	3.04	3.70	4.40	3.83	3.64	3.17	2.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.71	37.57	36.38	37.03	37.95	40.91	57.47	80.32	85.94	38.09	32.93	29.55	27.80	33.09	33.73	34.37	34.87	39.33	46.19	57.35	49.40	47.69	44.30	41.04
24028	1.65	1.73	1.67	1.74	1.81	2.00	3.19	5.46	5.67	1.71	0.94	0.70	0.59	1.15	1.71	1.71	2.17	2.95	3.56	4.34	3.81	3.59	3.14	2.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.33	37.21	36.04	36.68	37.57	40.47	56.51	78.13	83.70	37.49	32.80	29.47	27.68	32.47	32.66	33.40	33.71	37.71	44.24	54.74	47.21	45.74	42.54	39.36
23527	1.27	1.36	1.32	1.38	1.42	1.57	2.23	3.27	3.43	1.11	0.82	0.61	0.47	0.53	0.63	0.73	1.01	1.33	1.61	1.73	1.62	1.64	1.37	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	35.46	36.28	35.15	35.76	36.62	39.47	55.02	75.95	81.25	36.69	32.18	29.03	27.34	32.10	32.30	32.95	33.14	36.96	43.37	53.81	46.27	44.76	41.63	38.50
24190	0.41	0.44	0.43	0.46	0.47	0.56	0.75	1.09	0.98	0.31	0.20	0.17	0.13	0.15	0.28	0.28	0.44	0.58	0.75	0.80	0.68	0.66	0.46	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	35.38	36.15	34.93	35.48	36.31	39.02	54.39	75.05	80.58	36.69	32.30	29.11	27.40	32.00	32.03	32.64	32.55	36.14	42.31	52.67	45.31	43.95	41.31	38.29
355683	0.32	0.30	0.21	0.18	0.16	0.12	0.11	0.19	0.31	0.31	0.32	0.25	0.19	0.05	0.00	-0.03	-0.15	-0.24	-0.32	-0.34	-0.28	-0.14	0.15	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	36.02	36.86	35.72	36.35	37.22	40.09	55.92	77.10	82.02	36.82	32.16	29.03	27.36	32.28	32.71	33.11	33.46	37.51	44.04	54.71	47.06	45.51	42.36	39.19
323833	0.96	1.01	1.00	1.04	1.08	1.19	1.65	2.23	1.76	0.43	0.18	0.17	0.15	0.34	0.68	0.44	0.76	1.13	1.42	1.71	1.46	1.41	1.19	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	36.02	36.85	35.71	36.34	37.21	40.09	55.91	77.08	82.02	36.82	32.16	29.03	27.36	32.28	32.71	33.10	33.45	37.50	44.03	54.70	47.05	45.50	42.34	39.18
323834	0.96	1.00	0.99	1.04	1.07	1.19	1.64	2.22	1.75	0.43	0.17	0.17	0.15	0.34	0.68	0.44	0.75	1.11	1.41	1.70	1.46	1.40	1.18	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.46	36.28	35.15	35.76	36.62	39.47	55.02	75.95	81.25	36.69	32.18	29.03	27.34	32.10	32.30	32.95	33.14	36.96	43.37	53.81	46.27	44.76	41.63	38.50
23571	0.41	0.44	0.43	0.46	0.47	0.56	0.75	1.09	0.98	0.31	0.20	0.17	0.13	0.15	0.28	0.28	0.44	0.58	0.75	0.80	0.68	0.66	0.46	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	35.46 0.41 0.00	36.28 0.44 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.62 0.47 0.00	39.47 0.56 0.00	55.02 0.75 0.00	75.95 1.09 0.00	81.25 0.98 0.00	36.69 0.31 0.00	32.18 0.20 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.95 0.28 0.00	33.14 0.44 0.00	36.96 0.58 0.00	43.37 0.75 0.00	53.81 0.80 0.00	46.27 0.68 0.00	44.76 0.66 0.00	41.63 0.46 0.00	38.50 0.38 0.00
ALBANY___3 23573	35.46 0.41 0.00	36.28 0.44 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.62 0.47 0.00	39.47 0.56 0.00	55.02 0.75 0.00	75.95 1.09 0.00	81.25 0.98 0.00	36.69 0.31 0.00	32.18 0.20 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.95 0.28 0.00	33.14 0.44 0.00	36.96 0.58 0.00	43.37 0.75 0.00	53.81 0.80 0.00	46.27 0.68 0.00	44.76 0.66 0.00	41.63 0.46 0.00	38.50 0.38 0.00
ALBANY___4 23574	35.46 0.41 0.00	36.28 0.44 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.62 0.47 0.00	39.47 0.56 0.00	55.02 0.75 0.00	75.95 1.09 0.00	81.25 0.98 0.00	36.69 0.31 0.00	32.18 0.20 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.95 0.28 0.00	33.14 0.44 0.00	36.96 0.58 0.00	43.37 0.75 0.00	53.81 0.80 0.00	46.27 0.68 0.00	44.76 0.66 0.00	41.63 0.46 0.00	38.50 0.38 0.00
ALBANY___LFGE 323615	35.74 0.69 0.00	36.57 0.72 0.00	35.43 0.71 0.00	36.04 0.74 0.00	36.92 0.77 0.00	39.78 0.87 0.00	55.48 1.20 0.00	76.57 1.71 0.00	81.90 1.63 0.00	36.95 0.57 0.00	32.40 0.42 0.00	29.22 0.37 0.00	27.53 0.32 0.00	32.35 0.41 0.00	32.58 0.55 0.00	33.20 0.53 0.00	33.41 0.71 0.00	37.27 0.89 0.00	43.75 1.13 0.00	54.29 1.28 0.00	46.68 1.09 0.00	45.15 1.06 0.00	42.00 0.83 0.00	38.83 0.71 0.00
ALCOA_PA_115KV_PL-6C 55860	35.45 0.40 0.00	36.22 0.37 0.00	34.98 0.26 0.00	35.53 0.23 0.00	36.35 0.21 0.00	39.06 0.16 0.00	54.46 0.18 0.00	75.16 0.30 0.00	80.66 0.39 0.00	36.70 0.31 0.00	32.29 0.31 0.00	29.12 0.26 0.00	27.40 0.19 0.00	31.98 0.04 0.00	33.47 0.01 -1.43	32.66 -0.01 0.00	32.58 -0.12 0.00	36.37 -0.20 -0.19	44.54 -0.27 -2.18	55.25 -0.27 -2.51	47.59 -0.21 -2.21	46.18 -0.06 -2.15	43.51 0.23 -2.11	40.30 0.25 -1.93
ALCOA_RYNLDS___DRP 24188	35.45 0.40 0.00	36.22 0.37 0.00	34.98 0.26 0.00	35.53 0.23 0.00	36.35 0.21 0.00	39.06 0.16 0.00	54.46 0.18 0.00	75.16 0.30 0.00	80.66 0.39 0.00	36.70 0.31 0.00	32.29 0.31 0.00	29.12 0.26 0.00	27.40 0.19 0.00	31.98 0.04 0.00	33.47 0.01 -1.43	32.66 -0.01 0.00	32.58 -0.12 0.00	36.37 -0.20 -0.19	44.54 -0.27 -2.18	55.25 -0.27 -2.51	47.59 -0.21 -2.21	46.18 -0.06 -2.15	43.51 0.23 -2.11	40.30 0.25 -1.93
ALCOA___DSASP 323711	35.46 0.40 0.00	36.22 0.37 0.00	34.98 0.26 0.00	35.53 0.23 0.00	36.35 0.21 0.00	39.07 0.16 0.00	54.46 0.18 0.00	75.16 0.30 0.00	80.66 0.39 0.00	36.70 0.31 0.00	32.29 0.31 0.00	29.12 0.26 0.00	27.40 0.19 0.00	31.98 0.04 0.00	33.46 0.00 -1.43	32.66 -0.01 0.00	32.58 -0.12 0.00	36.37 -0.21 -0.19	44.53 -0.28 -2.18	55.24 -0.28 -2.51	47.57 -0.22 -2.21	46.17 -0.07 -2.15	43.50 0.22 -2.11	40.30 0.25 -1.93
ALLEGHENY___COGEN 23514	56.30 -1.37 -22.60	42.56 -1.40 -8.11	59.53 -1.27 -26.08	63.84 -1.31 -29.85	66.63 -1.25 -31.74	68.98 -1.38 -31.45	86.72 -1.65 -34.09	119.06 -2.46 -46.66	125.40 -2.47 -47.60	62.36 -1.55 -27.52	51.23 -1.63 -20.87	51.66 -1.26 -24.07	47.47 -0.94 -21.20	31.16 -0.78 0.00	38.82 -1.02 -7.81	54.64 -1.11 -23.08	59.32 -1.15 -27.76	66.25 -1.12 -30.99	76.65 -1.01 -35.03	93.33 -0.74 -41.06	70.28 -0.53 -25.22	49.07 -0.59 -5.57	40.96 -0.20 0.00	38.07 -0.05 0.00
ALTAMONT_115KV_TB 2 55880	35.71 0.65 0.00	36.53 0.68 0.00	35.39 0.68 0.00	36.01 0.71 0.00	36.87 0.72 0.00	39.73 0.83 0.00	55.42 1.14 0.00	76.49 1.63 0.00	81.87 1.60 0.00	36.93 0.55 0.00	32.37 0.39 0.00	29.19 0.33 0.00	27.50 0.29 0.00	32.31 0.37 0.00	32.51 0.48 0.00	33.14 0.47 0.00	33.32 0.62 0.00	37.19 0.81 0.00	43.67 1.05 0.00	54.23 1.22 0.00	46.63 1.04 0.00	45.08 0.99 0.00	41.95 0.79 0.00	38.80 0.68 0.00
ALTONA_WT_PWR 323606	33.85 -1.20 0.00	34.81 -1.03 0.00	33.75 -0.97 0.00	34.49 -0.81 0.00	35.37 -0.78 0.00	37.89 -1.01 0.00	52.38 -1.89 0.00	73.61 -1.25 0.00	79.73 -0.54 0.00	36.13 -0.25 0.00	31.91 -0.07 0.00	28.48 -0.38 0.00	26.31 -0.90 0.00	30.64 -1.31 0.00	-12.11 -1.32 42.82	31.51 -1.15 0.00	31.51 -1.19 0.00	29.00 -1.63 5.75	-23.78 -1.17 65.24	-23.78 -1.57 75.21	-22.01 -1.67 65.93	-21.41 -1.34 64.16	-23.07 -1.07 63.18	-20.87 -1.36 57.63
AMERICAN_REF_FUEL 24010	24.73 -3.88 6.44	30.06 -3.98 1.81	25.15 -3.75 5.82	24.78 -3.86 6.66	25.07 -4.00 7.08	27.36 -4.53 7.01	40.59 -6.09 7.60	53.01 -9.24 12.61	60.25 -9.40 10.62	26.66 -3.58 6.14	24.57 -2.75 4.65	21.25 -2.24 5.37	20.83 -1.65 4.73	29.99 -1.95 0.00	28.24 -2.04 1.74	25.25 -2.27 5.15	23.76 -2.75 6.19	26.28 -3.19 6.91	30.79 -4.03 7.82	38.82 -5.03 9.16	35.71 -4.26 5.62	38.67 -4.18 1.24	38.03 -3.13 0.00	35.41 -2.71 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.55 -3.87 3.63	31.07 -3.99 0.79	28.70 -3.49 2.53	28.94 -3.47 2.89	29.65 -3.42 3.07	32.17 -3.69 3.05	46.36 -4.62 3.30	60.96 -7.11 6.79	68.06 -7.60 4.61	30.76 -2.96 2.67	27.61 -2.35 2.02	24.57 -1.96 2.33	24.06 -1.10 2.05	30.72 -1.23 0.00	29.40 -1.87 0.76	28.28 -2.15 2.24	27.68 -2.33 2.69	30.83 -2.56 3.00	36.40 -2.84 3.39	45.81 -3.22 3.98	40.47 -2.68 2.44	41.20 -2.35 0.54	40.16 -1.01 0.00	37.60 -0.52 0.00
ARTHUR KILL_GT_1 23520	57.29 1.73 -20.50	56.45 1.80 -18.80	55.33 1.83 -18.79	55.33 1.87 -18.15	55.34 1.93 -17.26	55.34 2.24 -14.20	61.43 3.02 -4.14	78.75 3.88 -0.01	90.86 4.14 -6.45	56.55 1.94 -18.22	56.26 1.68 -22.60	54.99 1.53 -24.60	54.50 1.41 -25.88	54.56 1.54 -21.08	54.61 1.54 -21.04	63.17 1.74 -28.76	54.91 1.83 -20.39	58.78 2.09 -20.30	56.04 2.70 -10.71	67.04 3.36 -10.68	61.06 2.77 -12.70	60.47 2.69 -13.69	56.97 2.27 -13.53	56.34 1.98 -16.25
ARTHUR_KILL_2 23512	57.19 1.63 -20.50	56.36 1.71 -18.80	55.24 1.73 -18.79	55.24 1.79 -18.15	55.24 1.84 -17.26	55.24 2.14 -14.20	61.27 2.86 -4.14	78.58 3.71 -0.01	90.64 3.92 -6.45	56.46 1.85 -18.22	56.19 1.60 -22.60	54.93 1.47 -24.60	54.45 1.35 -25.88	54.50 1.48 -21.08	54.55 1.48 -21.04	63.08 1.65 -28.76	54.85 1.76 -20.39	58.70 2.01 -20.30	55.92 2.58 -10.71	66.88 3.20 -10.68	60.93 2.64 -12.70	60.35 2.57 -13.69	56.85 2.15 -13.53	56.23 1.87 -16.25
ARTHUR_KILL_3 23513	56.78 1.23 -20.49	55.92 1.27 -18.80	54.80 1.29 -18.78	54.79 1.34 -18.15	54.79 1.39 -17.25	54.78 1.68 -14.19	60.71 2.30 -4.13	78.03 3.16 0.00	88.62 3.19 -5.17	56.06 1.46 -18.22	55.84 1.26 -22.60	54.64 1.18 -24.60	54.14 1.06 -25.88	54.11 1.10 -21.08	54.19 1.11 -21.05	62.72 1.29 -28.76	54.50 1.41 -20.39	58.37 1.69 -20.30	55.54 2.22 -10.70	66.40 2.73 -10.67	60.51 2.22 -12.69	59.90 2.13 -13.68	56.35 1.65 -13.53	55.74 1.37 -16.25

ARTHUR_KILL_COGEN 323718	57.29 1.73 -20.50	56.45 1.80 -18.80	55.33 1.83 -18.79	55.33 1.87 -18.15	55.34 1.93 -17.26	55.34 2.24 -14.20	61.43 3.02 -4.14	78.75 3.88 -0.01	90.86 4.14 -6.45	56.55 1.94 -18.22	56.26 1.68 -22.60	54.99 1.53 -24.60	54.50 1.41 -25.88	54.56 1.54 -21.08	54.61 1.54 -21.04	63.17 1.74 -28.76	54.91 1.83 -20.39	58.78 2.09 -20.30	56.04 2.70 -10.71	67.04 3.36 -10.68	61.06 2.77 -12.70	60.47 2.69 -13.69	56.97 2.27 -13.53	56.34 1.98 -16.25
ASHOKAN____ 23654	37.00 1.94 0.00	37.85 2.00 0.00	36.69 1.97 0.00	37.31 2.01 0.00	38.25 2.10 0.00	41.29 2.39 0.00	57.69 3.41 0.00	79.73 4.87 0.00	85.31 5.04 0.00	38.50 2.12 0.00	33.41 1.43 0.00	30.01 1.15 0.00	28.21 1.00 0.00	33.10 1.16 0.00	33.29 1.26 0.00	34.23 1.56 0.00	34.25 1.55 0.00	38.36 1.98 0.00	45.48 2.86 0.00	56.66 3.66 0.00	48.71 3.12 0.00	47.01 2.92 0.00	43.64 2.47 0.00	40.30 2.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.44 1.38 0.00	37.26 1.41 0.00	36.22 1.49 -0.01	36.79 1.49 0.00	37.66 1.51 0.00	40.65 1.76 0.01	56.66 2.39 0.00	78.24 3.37 -0.01	83.74 3.47 0.00	38.05 1.66 0.00	33.44 1.46 0.00	30.21 1.35 -0.01	28.46 1.25 -0.01	33.28 1.33 0.00	33.39 1.36 -0.01	34.24 1.57 0.00	34.32 1.62 0.00	38.23 1.85 0.00	45.05 2.42 0.00	55.99 2.98 0.00	48.02 2.43 -0.01	46.35 2.25 0.00	43.01 1.84 -0.01	39.66 1.54 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.44 1.38 0.00	37.26 1.40 0.00	36.22 1.49 -0.01	36.79 1.49 0.00	37.66 1.51 0.00	40.65 1.76 0.01	56.66 2.39 0.00	78.24 3.37 -0.01	83.74 3.47 0.00	38.05 1.66 0.00	33.44 1.46 0.00	30.21 1.35 -0.01	28.46 1.25 -0.01	33.28 1.33 0.00	33.39 1.35 -0.01	34.24 1.57 0.00	34.32 1.62 0.00	38.23 1.85 0.00	45.05 2.42 0.00	55.99 2.98 0.00	48.02 2.43 -0.01	46.35 2.25 0.00	43.01 1.84 -0.01	39.66 1.54 -0.01
ASTORIA_GT2_1 24094	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT2_2 24095	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT2_3 24096	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT2_4 24097	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT3_1 24098	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT3_2 24099	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT3_3 24100	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT3_4 24101	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT4_1 24102	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT4_2 24103	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT4_3 24104	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01

ASTORIA_GT4_4 24105	36.47 1.41 0.00	37.31 1.46 -0.01	36.25 1.53 -0.01	36.85 1.54 0.00	37.69 1.54 0.00	40.69 1.79 0.00	56.73 2.46 0.00	78.29 3.43 -0.01	83.83 3.56 0.00	38.08 1.69 0.00	33.46 1.48 0.00	30.21 1.36 -0.01	28.47 1.25 -0.01	33.29 1.34 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.37 1.67 0.00	38.32 1.93 0.00	45.07 2.44 0.00	56.03 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 -0.01	43.02 1.85 -0.01	39.67 1.55 -0.01
ASTORIA_GT_1 23523	36.50 1.44 0.00	37.33 1.47 0.00	36.28 1.55 -0.01	36.84 1.54 0.00	37.73 1.59 0.00	40.73 1.83 0.01	56.76 2.49 0.00	78.38 3.52 -0.01	83.91 3.64 0.00	38.12 1.73 0.00	33.51 1.52 0.00	30.26 1.40 -0.01	28.51 1.29 -0.01	33.33 1.39 0.00	33.45 1.42 -0.01	34.30 1.63 0.00	34.37 1.67 0.00	38.30 1.92 0.00	45.13 2.51 0.00	56.10 3.09 0.00	48.12 2.52 -0.01	46.44 2.34 0.00	43.09 1.92 -0.01	39.74 1.61 -0.01
ASTORIA_GT_10 24110	36.73 1.58 -0.09	37.50 1.65 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.47 2.09 0.00	45.27 2.65 0.00	56.29 3.28 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
ASTORIA_GT_11 24225	36.73 1.58 -0.09	37.50 1.65 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.47 2.09 0.00	45.27 2.65 0.00	56.29 3.28 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
ASTORIA_GT_12 24226	36.73 1.58 -0.09	37.50 1.65 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.47 2.09 0.00	45.27 2.65 0.00	56.29 3.28 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
ASTORIA_GT_13 24227	36.73 1.58 -0.09	37.50 1.65 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.47 2.09 0.00	45.27 2.65 0.00	56.29 3.28 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
ASTORIA_GT_5 24106	36.52 1.47 0.00	37.35 1.50 -0.01	36.29 1.56 -0.01	36.90 1.59 0.00	37.74 1.59 0.00	40.75 1.84 0.00	56.81 2.53 0.00	78.40 3.53 -0.01	83.96 3.70 0.00	38.13 1.74 0.00	33.51 1.53 0.00	30.26 1.40 -0.01	28.51 1.29 -0.01	33.34 1.39 0.00	33.45 1.42 -0.01	34.31 1.64 0.00	34.41 1.72 0.00	38.37 1.98 0.00	45.14 2.52 0.00	56.11 3.10 0.00	48.12 2.53 -0.01	46.43 2.33 -0.01	43.09 1.92 -0.01	39.73 1.61 -0.01
ASTORIA_GT_7 24107	36.52 1.47 0.00	37.35 1.50 -0.01	36.29 1.56 -0.01	36.90 1.59 0.00	37.74 1.59 0.00	40.75 1.84 0.00	56.81 2.53 0.00	78.40 3.53 -0.01	83.96 3.70 0.00	38.13 1.74 0.00	33.51 1.53 0.00	30.26 1.40 -0.01	28.51 1.29 -0.01	33.34 1.39 0.00	33.45 1.42 -0.01	34.31 1.64 0.00	34.41 1.72 0.00	38.37 1.98 0.00	45.14 2.52 0.00	56.11 3.10 0.00	48.12 2.53 -0.01	46.43 2.33 -0.01	43.09 1.92 -0.01	39.73 1.61 -0.01
ASTORIA_GT_8 24108	36.52 1.47 0.00	37.35 1.50 -0.01	36.29 1.56 -0.01	36.90 1.59 0.00	37.74 1.59 0.00	40.75 1.84 0.00	56.81 2.53 0.00	78.40 3.53 -0.01	83.96 3.70 0.00	38.13 1.74 0.00	33.51 1.53 0.00	30.26 1.40 -0.01	28.51 1.29 -0.01	33.34 1.39 0.00	33.45 1.42 -0.01	34.31 1.64 0.00	34.41 1.72 0.00	38.37 1.98 0.00	45.14 2.52 0.00	56.11 3.10 0.00	48.12 2.53 -0.01	46.43 2.33 -0.01	43.09 1.92 -0.01	39.73 1.61 -0.01
ASTORIA___2 24149	36.45 1.40 0.00	37.28 1.43 0.00	36.23 1.51 -0.01	36.80 1.50 0.00	37.67 1.52 0.00	40.67 1.78 0.01	56.71 2.44 0.00	78.29 3.42 -0.01	83.81 3.54 0.00	38.07 1.68 0.00	33.46 1.47 0.00	30.21 1.35 -0.01	28.47 1.25 -0.01	33.29 1.35 0.00	33.40 1.36 -0.01	34.25 1.58 0.00	34.34 1.64 0.00	38.25 1.86 0.00	45.06 2.43 0.00	56.02 3.02 0.00	48.06 2.46 -0.01	46.37 2.27 0.00	43.02 1.85 -0.01	39.68 1.55 -0.01
ASTORIA___3 23516	36.72 1.58 -0.09	37.48 1.62 -0.01	36.39 1.66 -0.01	36.99 1.69 0.00	37.88 1.74 0.00	40.94 2.04 0.00	57.07 2.79 0.00	78.73 3.87 -0.01	84.28 4.01 0.00	38.24 1.85 0.00	33.90 1.61 -0.31	31.23 1.48 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.47 1.77 0.00	38.43 2.05 0.00	45.27 2.65 0.00	56.28 3.27 0.00	48.30 2.70 -0.01	46.71 2.61 -0.01	43.31 2.14 -0.01	39.95 1.83 -0.01
ASTORIA___4 23517	36.73 1.58 -0.09	37.50 1.65 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.47 2.09 0.00	45.27 2.65 0.00	56.29 3.28 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
ASTORIA___5 23518	36.72 1.58 -0.09	37.48 1.62 -0.01	36.39 1.66 -0.01	36.99 1.69 0.00	37.88 1.74 0.00	40.94 2.04 0.00	57.07 2.79 0.00	78.73 3.87 -0.01	84.28 4.01 0.00	38.24 1.85 0.00	33.90 1.61 -0.31	31.23 1.48 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.47 1.77 0.00	38.43 2.05 0.00	45.27 2.65 0.00	56.27 3.26 0.00	48.30 2.70 -0.01	46.71 2.61 -0.01	43.31 2.14 -0.01	39.95 1.83 -0.01
AST_ENERGY_2_CC3 323677	36.47 1.41 0.00	37.31 1.46 0.00	36.21 1.49 0.00	36.83 1.53 0.00	37.69 1.54 0.00	40.75 1.84 0.00	56.77 2.50 0.00	78.32 3.46 0.00	83.85 3.58 0.00	38.04 1.65 0.00	33.42 1.44 0.00	30.19 1.33 0.00	28.42 1.21 0.00	33.23 1.29 0.00	33.33 1.30 0.00	34.16 1.50 0.00	34.32 1.62 0.00	38.28 1.89 0.00	45.04 2.41 0.00	55.95 2.95 0.00	48.00 2.41 0.00	46.41 2.32 0.00	42.96 1.80 0.00	39.66 1.54 0.00
AST_ENERGY_2_CC4 323678	36.47 1.41 0.00	37.31 1.46 0.00	36.21 1.49 0.00	36.83 1.53 0.00	37.69 1.54 0.00	40.75 1.84 0.00	56.77 2.50 0.00	78.32 3.46 0.00	83.85 3.58 0.00	38.04 1.65 0.00	33.42 1.44 0.00	30.19 1.33 0.00	28.42 1.21 0.00	33.23 1.29 0.00	33.33 1.30 0.00	34.16 1.50 0.00	34.32 1.62 0.00	38.28 1.89 0.00	45.04 2.41 0.00	55.95 2.95 0.00	48.00 2.41 0.00	46.41 2.32 0.00	42.96 1.80 0.00	39.66 1.54 0.00

ATHENS_STG_1 23668	35.86 0.81 0.00	36.70 0.85 0.00	35.58 0.87 0.00	36.20 0.90 0.00	37.07 0.93 0.00	39.98 1.07 0.00	55.77 1.50 0.00	76.97 2.11 0.00	82.42 2.15 0.00	37.24 0.86 0.00	32.66 0.68 0.00	29.45 0.60 0.00	27.73 0.52 0.00	32.57 0.63 0.00	32.66 0.64 0.00	33.38 0.71 0.00	33.54 0.84 0.00	37.42 1.04 0.00	43.99 1.37 0.00	54.64 1.63 0.00	46.95 1.36 0.00	45.39 1.30 0.00	42.19 1.03 0.00	38.99 0.87 0.00
ATHENS_STG_2 23670	35.86 0.81 0.00	36.70 0.85 0.00	35.58 0.87 0.00	36.20 0.90 0.00	37.07 0.93 0.00	39.98 1.07 0.00	55.77 1.50 0.00	76.97 2.11 0.00	82.42 2.15 0.00	37.24 0.86 0.00	32.66 0.68 0.00	29.45 0.60 0.00	27.73 0.52 0.00	32.57 0.63 0.00	32.66 0.64 0.00	33.38 0.71 0.00	33.54 0.84 0.00	37.42 1.04 0.00	43.99 1.37 0.00	54.64 1.63 0.00	46.95 1.36 0.00	45.39 1.30 0.00	42.19 1.03 0.00	38.99 0.87 0.00
ATHENS_STG_3 23677	35.86 0.81 0.00	36.70 0.85 0.00	35.58 0.87 0.00	36.20 0.90 0.00	37.07 0.93 0.00	39.98 1.07 0.00	55.77 1.50 0.00	76.97 2.11 0.00	82.42 2.15 0.00	37.24 0.86 0.00	32.66 0.68 0.00	29.45 0.60 0.00	27.73 0.52 0.00	32.57 0.63 0.00	32.66 0.64 0.00	33.38 0.71 0.00	33.54 0.84 0.00	37.42 1.04 0.00	43.99 1.37 0.00	54.64 1.63 0.00	46.95 1.36 0.00	45.39 1.30 0.00	42.19 1.03 0.00	38.99 0.87 0.00
AUBURN___LFGE 323710	35.11 -0.37 -0.42	35.56 -0.28 0.00	34.53 -0.19 0.00	35.12 -0.18 0.00	35.98 -0.16 0.00	38.53 -0.38 0.00	53.84 -0.44 0.00	74.86 -0.67 -0.66	79.80 -0.47 0.00	36.20 -0.18 0.00	31.96 -0.03 0.00	28.77 -0.08 0.00	27.11 -0.10 0.00	32.06 0.12 0.00	32.17 0.14 0.00	32.75 0.08 0.00	32.76 0.06 0.00	36.42 0.03 0.00	42.65 0.03 0.00	52.87 -0.14 0.00	45.46 -0.13 0.00	43.91 -0.18 0.00	41.08 -0.09 0.00	38.11 -0.01 0.00
BABYLON_RES_REC 323704	36.59 1.53 0.00	37.50 1.66 0.00	36.45 1.73 0.00	37.13 1.83 0.00	38.05 1.90 0.00	41.31 2.41 0.00	57.67 3.40 0.00	79.33 4.47 0.00	85.01 4.74 0.00	38.38 2.00 0.00	33.57 1.59 0.00	30.05 1.20 0.00	28.29 1.08 0.00	33.07 1.13 0.00	33.18 1.15 0.00	37.24 1.52 -3.06	34.47 1.77 0.00	38.37 1.99 0.00	45.40 2.77 0.00	56.26 3.25 0.00	47.90 2.31 0.00	46.58 2.49 0.00	43.19 2.02 0.00	39.79 1.67 0.00
BABYLON__69_KV_BK2 356345	36.85 1.80 0.00	37.78 1.94 0.00	36.73 2.01 0.00	37.42 2.12 0.00	38.35 2.20 0.00	41.69 2.78 0.00	58.24 3.96 0.00	80.09 5.23 0.00	85.84 5.57 0.00	38.70 2.32 0.00	33.82 1.84 0.00	30.26 1.41 0.00	28.46 1.26 0.00	33.27 1.32 0.00	33.41 1.38 0.00	37.19 1.77 -2.76	34.78 2.08 0.00	38.72 2.34 0.00	45.80 3.18 0.00	56.77 3.77 0.00	48.28 2.69 0.00	46.96 2.86 0.00	43.52 2.35 0.00	40.08 1.96 0.00
BALL_HILL_WT_PWR 323825	27.19 -3.21 4.65	31.41 -3.29 1.15	28.14 -2.89 3.69	28.22 -2.85 4.23	28.80 -2.85 4.49	31.28 -3.17 4.45	45.37 -4.08 4.83	59.66 -6.32 8.88	66.87 -6.66 6.74	29.84 -2.65 3.90	27.00 -2.03 2.96	23.80 -1.64 3.41	23.21 -1.00 3.00	30.84 -1.10 0.00	29.41 -1.51 1.11	27.72 -1.68 3.27	26.84 -1.93 3.93	29.83 -2.17 4.39	35.03 -2.64 4.96	44.12 -3.07 5.81	39.41 -2.61 3.57	40.86 -2.45 0.79	39.71 -1.46 0.00	37.14 -0.98 0.00
BARON_WINDS___WT_PWR 323822	-26.40 -3.16 58.30	13.96 -3.16 18.73	-28.42 -2.93 60.21	-36.64 -3.02 68.93	-40.06 -2.92 73.28	-36.89 -3.18 72.61	-28.71 -4.28 78.70	-48.58 -6.10 117.34	-35.91 -6.29 109.90	-30.02 -2.85 63.54	-18.77 -2.56 48.20	-29.02 -2.31 55.56	-23.84 -2.11 48.94	29.69 -2.25 0.00	11.55 -2.43 18.04	-23.05 -2.43 53.29	-33.89 -2.49 64.11	-37.84 -2.67 71.56	-41.50 -3.24 80.89	-45.65 -3.86 94.80	-16.01 -3.37 58.23	27.99 -3.24 12.86	38.62 -2.54 0.00	36.08 -2.04 0.00
BARRETT_IC_1 23704	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_10 23701	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_11 23702	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_12 23703	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_2 23705	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_3 23706	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_4 23707	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00

BARRETT_IC_5 23708	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_6 23709	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_7 23710	36.55 1.49 0.00	37.46 1.61 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.79 0.00	41.14 2.23 0.00	57.29 3.02 0.00	78.80 3.94 0.00	84.43 4.16 0.00	38.26 1.88 0.00	33.57 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.20 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.43 1.73 -0.01	38.33 1.95 0.00	45.22 2.60 0.00	55.94 2.94 0.00	47.79 2.20 0.00	46.42 2.33 0.00	43.09 1.93 0.00	39.77 1.65 0.00
BARRETT_IC_8 23711	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT_IC_9 23700	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT___1 23545	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BARRETT___2 23546	36.54 1.49 0.00	37.44 1.60 0.00	36.36 1.64 0.00	37.03 1.73 0.00	37.93 1.78 0.00	41.12 2.22 0.00	57.27 3.00 0.00	78.77 3.91 0.00	84.37 4.10 0.00	38.25 1.86 0.00	33.56 1.58 0.00	30.18 1.33 0.00	28.39 1.18 0.00	33.21 1.26 0.00	33.26 1.23 0.00	70.42 1.57 -36.18	34.41 1.71 -0.01	38.32 1.93 0.00	45.22 2.59 0.00	55.94 2.93 0.00	47.78 2.19 0.00	46.42 2.33 0.00	43.10 1.94 0.00	39.77 1.66 0.00
BATAVIA__115KV_TB1 55881	27.68 -2.21 5.17	32.14 -2.28 1.43	28.00 -2.12 4.60	27.82 -2.22 5.26	28.24 -2.31 5.60	30.70 -2.65 5.54	44.92 -3.34 6.01	59.57 -5.19 10.09	66.74 -5.14 8.39	29.59 -1.94 4.85	26.69 -1.61 3.68	23.51 -1.11 4.24	23.09 -0.38 3.74	31.47 -0.47 0.00	30.08 -0.57 1.38	27.78 -0.82 4.07	26.53 -1.28 4.90	29.40 -1.52 5.47	34.64 -1.81 6.18	43.69 -2.08 7.24	39.43 -1.72 4.45	41.34 -1.77 0.98	40.08 -1.09 0.00	37.22 -0.90 0.00
BAYONEEC___CTG1 323682	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG10 323750	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG2 323683	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG3 323684	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG4 323685	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG5 323686	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG6 323687	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00

BAYONEEC___CTG7 323688	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG8 323689	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BAYONEEC___CTG9 323749	36.44 1.38 0.00	37.28 1.43 0.00	36.18 1.46 0.00	36.81 1.51 0.00	37.69 1.54 0.00	40.75 1.85 0.00	56.80 2.52 0.00	78.34 3.48 0.00	83.85 3.58 0.00	38.02 1.63 0.00	33.40 1.42 0.00	30.15 1.30 0.00	28.39 1.18 0.00	33.19 1.25 0.00	33.30 1.27 0.00	34.12 1.46 0.00	34.28 1.58 0.00	38.23 1.85 0.00	45.02 2.39 0.00	55.95 2.94 0.00	48.00 2.40 0.00	46.43 2.33 0.00	43.01 1.85 0.00	39.67 1.56 0.00
BEACON___LESR 323632	35.92 0.86 0.00	36.82 0.97 0.00	35.62 0.90 0.00	36.26 0.96 0.00	37.10 0.95 0.00	40.04 1.13 0.00	55.96 1.69 0.00	77.17 2.31 0.00	82.53 2.26 0.00	37.16 0.77 0.00	32.54 0.56 0.00	29.30 0.44 0.00	27.64 0.43 0.00	32.52 0.58 0.00	32.70 0.68 0.00	33.31 0.64 0.00	33.60 0.90 0.00	37.49 1.11 0.00	44.13 1.51 0.00	54.79 1.78 0.00	47.06 1.47 0.00	45.56 1.46 0.00	42.34 1.17 0.00	39.12 1.00 0.00
BEAVER RIVER___HYD 24048	34.92 -0.14 0.00	35.47 -0.38 0.00	33.84 -0.87 0.00	34.05 -1.25 0.00	34.93 -1.21 0.00	37.55 -1.36 0.00	52.48 -1.80 0.00	72.64 -2.22 0.00	77.66 -2.61 0.00	35.16 -1.23 0.00	30.81 -1.17 0.00	27.77 -1.09 0.00	26.50 -0.71 0.00	31.42 -0.53 0.00	33.56 -0.94 -2.47	31.66 -1.01 0.00	31.71 -0.99 0.00	35.68 -1.03 -0.33	45.12 -1.27 -3.76	56.22 -1.12 -4.33	48.81 -0.58 -3.80	47.06 -0.74 -3.70	44.24 -0.57 -3.64	40.86 -0.58 -3.32
BEEBEE_GT_13 23619	32.60 -1.79 0.67	34.02 -1.83 0.00	33.02 -1.70 0.00	33.54 -1.76 0.00	34.29 -1.85 0.00	36.78 -2.13 0.00	51.55 -2.73 0.00	69.69 -4.12 1.05	76.20 -4.08 0.00	34.87 -1.52 0.00	30.83 -1.15 0.00	28.01 -0.84 0.00	26.79 -0.42 0.00	31.44 -0.56 0.00	31.47 -0.67 0.00	32.00 -1.00 0.00	31.70 -1.00 0.00	35.20 -1.19 0.00	41.14 -1.48 0.00	51.22 -1.79 0.00	44.09 -1.51 0.00	42.52 -1.58 0.00	40.01 -1.16 0.00	37.15 -0.97 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.53 1.97 -20.50	56.70 2.05 -18.80	55.56 2.06 -18.79	55.55 2.09 -18.15	55.54 2.14 -17.26	55.59 2.48 -14.20	61.81 3.40 -4.14	79.45 4.58 -0.01	91.57 4.85 -6.45	56.88 2.27 -18.22	56.57 1.98 -22.60	55.28 1.82 -24.60	54.77 1.69 -25.88	54.87 1.85 -21.08	54.94 1.87 -21.04	63.50 2.07 -28.76	55.27 2.18 -20.39	59.20 2.51 -20.30	56.49 3.16 -10.71	67.62 3.94 -10.68	61.55 3.26 -12.70	60.93 3.15 -13.69	57.32 2.62 -13.53	56.64 2.28 -16.25
BETHLEHEM___GRP 23843	35.46 0.41 0.00	36.28 0.44 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.62 0.47 0.00	39.47 0.56 0.00	55.02 0.75 0.00	75.95 1.09 0.00	81.25 0.98 0.00	36.69 0.31 0.00	32.18 0.20 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.95 0.28 0.00	33.14 0.44 0.00	36.96 0.58 0.00	43.37 0.75 0.00	53.81 0.80 0.00	46.27 0.68 0.00	44.76 0.66 0.00	41.63 0.46 0.00	38.50 0.38 0.00
BETHLEHEM___GS1 323560	35.45 0.39 0.00	36.28 0.43 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.61 0.47 0.00	39.46 0.56 0.00	55.01 0.73 0.00	75.94 1.08 0.00	81.25 0.98 0.00	36.67 0.29 0.00	32.17 0.19 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.94 0.27 0.00	33.13 0.43 0.00	36.95 0.57 0.00	43.38 0.75 0.00	53.81 0.81 0.00	46.28 0.69 0.00	44.76 0.67 0.00	41.63 0.46 0.00	38.50 0.38 0.00
BETHLEHEM___GS2 323561	35.45 0.39 0.00	36.28 0.43 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.61 0.47 0.00	39.46 0.56 0.00	55.01 0.73 0.00	75.94 1.08 0.00	81.25 0.98 0.00	36.67 0.29 0.00	32.17 0.19 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.94 0.27 0.00	33.13 0.43 0.00	36.95 0.57 0.00	43.38 0.75 0.00	53.81 0.81 0.00	46.28 0.69 0.00	44.76 0.67 0.00	41.63 0.46 0.00	38.50 0.38 0.00
BETHLEHEM___GS3 323562	35.45 0.39 0.00	36.28 0.43 0.00	35.15 0.43 0.00	35.76 0.46 0.00	36.61 0.47 0.00	39.46 0.56 0.00	55.01 0.73 0.00	75.94 1.08 0.00	81.25 0.98 0.00	36.67 0.29 0.00	32.17 0.19 0.00	29.03 0.17 0.00	27.34 0.13 0.00	32.10 0.15 0.00	32.30 0.28 0.00	32.94 0.27 0.00	33.13 0.43 0.00	36.95 0.57 0.00	43.38 0.75 0.00	53.81 0.81 0.00	46.28 0.69 0.00	44.76 0.67 0.00	41.63 0.46 0.00	38.50 0.38 0.00
BETHLEHEM___STEEL 23779	26.78 -2.84 5.44	31.54 -2.87 1.44	27.45 -2.64 4.63	27.25 -2.75 5.30	27.63 -2.87 5.64	30.03 -3.29 5.59	43.97 -4.25 6.06	57.76 -6.58 10.53	65.14 -6.67 8.46	29.04 -2.46 4.89	26.52 -1.75 3.71	23.23 -1.35 4.28	22.66 -0.78 3.77	31.07 -0.87 0.00	29.58 -1.06 1.39	27.31 -1.26 4.10	26.05 -1.72 4.93	28.83 -2.04 5.51	33.81 -2.59 6.22	42.52 -3.20 7.29	38.42 -2.69 4.48	40.53 -2.58 0.99	39.46 -1.70 0.00	36.81 -1.31 0.00
BETHLHEM_115KV_TB1 79974	35.52 0.46 0.00	36.33 0.48 0.00	35.20 0.48 0.00	35.82 0.52 0.00	36.67 0.53 0.00	39.52 0.62 0.00	55.10 0.82 0.00	76.05 1.19 0.00	81.40 1.13 0.00	36.75 0.37 0.00	32.23 0.24 0.00	29.08 0.22 0.00	27.37 0.16 0.00	32.15 0.21 0.00	32.35 0.32 0.00	33.01 0.34 0.00	33.18 0.48 0.00	37.01 0.63 0.00	43.43 0.81 0.00	53.91 0.90 0.00	46.35 0.76 0.00	44.82 0.72 0.00	41.70 0.54 0.00	38.56 0.44 0.00
BETHPAGE_CC_5 323564	36.58 1.52 0.00	37.47 1.62 0.00	36.41 1.69 0.00	37.07 1.77 0.00	38.00 1.85 0.00	41.23 2.32 0.00	57.53 3.25 0.00	79.14 4.28 0.00	84.77 4.50 0.00	38.35 1.97 0.00	33.58 1.60 0.00	30.12 1.26 0.00	28.34 1.13 0.00	33.16 1.22 0.00	33.22 1.19 0.00	38.40 1.61 -4.12	34.46 1.76 0.00	38.37 1.98 0.00	45.34 2.71 0.00	56.18 3.17 0.00	47.90 2.31 0.00	46.55 2.46 0.00	43.15 1.99 0.00	39.77 1.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.19 -2.75 5.12	31.77 -2.75 1.32	27.93 -2.54 4.26	27.78 -2.65 4.88	28.21 -2.76 5.18	30.62 -3.15 5.14	44.64 -4.07 5.57	58.70 -6.29 9.87	66.12 -6.38 7.77	29.54 -2.35 4.50	26.90 -1.67 3.41	23.64 -1.28 3.93	23.03 -0.72 3.46	31.17 -0.77 0.00	29.78 -0.97 1.28	27.72 -1.18 3.77	26.52 -1.65 4.53	29.37 -1.95 5.06	34.44 -2.47 5.72	43.25 -3.05 6.70	38.92 -2.56 4.12	40.74 -2.45 0.91	39.57 -1.60 0.00	36.89 -1.23 0.00

BINGHAMTON___COGEN 23790	33.91 -0.61 0.54	35.21 -0.64 0.00	34.18 -0.53 0.00	34.76 -0.54 0.00	35.61 -0.54 0.00	38.30 -0.60 0.00	53.55 -0.73 0.00	72.89 -1.12 0.85	79.19 -1.08 0.00	35.87 -0.51 0.00	31.61 -0.37 0.00	28.58 -0.28 0.00	27.00 -0.21 0.00	31.72 -0.22 0.00	31.77 -0.26 0.00	32.48 -0.19 0.00	32.49 -0.21 0.00	36.15 -0.23 0.00	42.28 -0.35 0.00	52.62 -0.39 0.00	45.17 -0.42 0.00	43.61 -0.48 0.00	40.73 -0.44 0.00	37.78 -0.33 0.00
BIXINCNT_115KV_LOAD 355685	28.51 -3.36 3.19	32.25 -2.98 0.62	30.05 -2.66 2.01	30.23 -2.78 2.30	30.97 -2.73 2.44	33.36 -3.13 2.42	47.66 -3.99 2.62	62.87 -6.12 5.87	70.21 -6.39 3.66	31.48 -2.78 2.12	28.22 -2.15 1.61	25.03 -1.97 1.85	24.26 -1.32 1.63	30.62 -1.32 0.00	29.97 -1.45 0.60	28.86 -2.03 1.78	28.08 -2.49 2.13	31.14 -2.86 2.38	36.58 -3.35 2.70	45.99 -3.86 3.16	40.55 -3.10 1.94	40.77 -2.90 0.43	39.50 -1.67 0.00	37.00 -1.12 0.00
BLACK RIVER___HYD 24047	35.13 0.08 0.00	35.65 -0.20 0.00	34.00 -0.72 0.00	34.19 -1.11 0.00	35.07 -1.07 0.00	37.70 -1.20 0.00	52.79 -1.49 0.00	73.01 -1.85 0.00	77.86 -2.41 0.00	35.23 -1.15 0.00	30.84 -1.14 0.00	27.84 -1.02 0.00	26.67 -0.54 0.00	31.73 -0.21 0.00	33.14 -0.62 -1.72	31.93 -0.74 0.00	31.95 -0.75 0.00	35.87 -0.75 -0.23	44.45 -0.80 -2.63	55.60 -0.43 -3.03	48.19 -0.05 -2.65	46.43 -0.24 -2.58	43.50 -0.21 -2.54	40.20 -0.24 -2.32
BLACKRVR_115KV_TB2 79977	35.13 0.08 0.00	35.65 -0.20 0.00	34.00 -0.72 0.00	34.19 -1.11 0.00	35.08 -1.07 0.00	37.70 -1.21 0.00	52.79 -1.49 0.00	73.01 -1.85 0.00	77.85 -2.42 0.00	35.23 -1.15 0.00	30.84 -1.14 0.00	27.83 -1.02 0.00	26.67 -0.54 0.00	31.73 -0.21 0.00	33.13 -0.62 -1.72	31.93 -0.74 0.00	31.95 -0.75 0.00	35.86 -0.75 -0.23	44.45 -0.80 -2.63	55.60 -0.43 -3.03	48.19 -0.05 -2.65	46.43 -0.24 -2.58	43.50 -0.21 -2.54	40.20 -0.24 -2.32
BLISS_WT_PWR 323608	28.22 -3.64 3.19	32.04 -3.19 0.62	29.88 -2.83 2.01	30.07 -2.94 2.30	30.88 -2.83 2.44	33.26 -3.23 2.42	47.53 -4.13 2.62	62.62 -6.37 5.87	69.95 -6.66 3.66	31.30 -2.97 2.12	28.03 -2.35 1.61	24.78 -2.23 1.85	24.04 -1.54 1.63	30.35 -1.60 0.00	29.74 -1.69 0.60	28.55 -2.35 1.78	27.76 -2.80 2.13	30.80 -3.20 2.38	36.20 -3.73 2.70	45.61 -4.24 3.16	40.26 -3.39 1.94	40.47 -3.20 0.43	39.34 -1.83 0.00	36.88 -1.24 0.00
BLUESTONE___WT_PWR 323821	36.02 0.35 -0.61	35.25 -0.59 0.00	33.97 -0.75 0.00	34.40 -0.90 0.00	35.85 -0.29 0.00	38.68 -0.22 0.00	53.53 -0.75 0.00	74.93 -0.89 -0.96	79.44 -0.83 0.00	36.05 -0.33 0.00	31.84 -0.14 0.00	28.55 -0.31 0.00	26.86 -0.35 0.00	31.46 -0.48 0.00	31.36 -0.66 0.00	32.08 -0.58 0.00	31.59 -1.11 0.00	35.16 -1.23 0.00	41.42 -1.21 0.00	51.38 -1.62 0.00	44.07 -1.52 0.00	42.57 -1.52 0.00	39.67 -1.49 0.00	36.67 -1.45 0.00
BLUE_CIRC_CHEM_DRP 24182	35.81 0.76 0.00	36.64 0.79 0.00	35.50 0.78 0.00	36.12 0.81 0.00	36.99 0.84 0.00	39.84 0.94 0.00	55.57 1.30 0.00	76.63 1.77 0.00	81.78 1.51 0.00	36.81 0.43 0.00	32.23 0.25 0.00	29.09 0.23 0.00	27.41 0.21 0.00	32.28 0.34 0.00	32.57 0.54 0.00	33.08 0.41 0.00	33.35 0.65 0.00	37.28 0.90 0.00	43.75 1.12 0.00	54.32 1.32 0.00	46.73 1.13 0.00	45.18 1.09 0.00	42.06 0.89 0.00	38.92 0.80 0.00
BOC_GAS_DRP 24189	35.59 0.53 0.00	36.42 0.57 0.00	35.29 0.57 0.00	35.90 0.60 0.00	36.77 0.62 0.00	39.62 0.71 0.00	55.25 0.98 0.00	76.23 1.37 0.00	81.61 1.35 0.00	36.88 0.50 0.00	32.35 0.37 0.00	29.18 0.32 0.00	27.48 0.27 0.00	32.28 0.34 0.00	32.42 0.39 0.00	33.09 0.42 0.00	33.25 0.55 0.00	37.08 0.69 0.00	43.53 0.90 0.00	54.04 1.04 0.00	46.46 0.87 0.00	44.94 0.85 0.00	41.81 0.64 0.00	38.67 0.55 0.00
BOONVILLE_115KV_TB1 79983	35.48 0.42 0.00	36.14 0.29 0.00	34.75 0.03 0.00	35.16 -0.14 0.00	36.06 -0.08 0.00	38.81 -0.10 0.00	54.23 -0.05 0.00	74.92 0.06 0.00	80.19 -0.08 0.00	36.29 -0.09 0.00	31.84 -0.14 0.00	28.71 -0.15 0.00	27.26 0.06 0.00	32.16 0.22 0.00	33.01 0.05 -0.94	32.71 0.04 0.00	32.81 0.11 0.00	36.67 0.16 -0.13	44.15 0.09 -1.43	55.04 0.39 -1.65	47.56 0.52 -1.44	45.86 0.36 -1.41	42.90 0.34 -1.38	39.64 0.26 -1.26
BORALEX_4TH_BRANCH 23824	36.33 1.28 0.00	37.22 1.37 0.00	36.04 1.32 0.00	36.68 1.38 0.00	37.57 1.42 0.00	40.48 1.58 0.00	56.51 2.23 0.00	78.14 3.27 0.00	83.73 3.46 0.00	37.49 1.11 0.00	32.80 0.82 0.00	29.47 0.61 0.00	27.68 0.47 0.00	32.47 0.53 0.00	32.66 0.63 0.00	33.40 0.73 0.00	33.72 1.02 0.00	37.73 1.34 0.00	44.24 1.62 0.00	54.74 1.73 0.00	47.21 1.62 0.00	45.74 1.65 0.00	42.54 1.37 0.00	39.36 1.24 0.00
BOWLINE___1 23526	36.11 1.05 0.00	36.91 1.06 0.00	35.82 1.10 0.00	36.44 1.14 0.00	37.37 1.22 0.00	40.36 1.46 0.00	56.30 2.03 0.00	77.65 2.79 0.00	83.12 2.85 0.00	37.57 1.18 0.00	32.96 0.97 0.00	29.74 0.88 0.00	28.00 0.79 0.00	32.79 0.84 0.00	32.88 0.85 0.00	33.69 1.02 0.00	33.85 1.15 0.00	37.78 1.40 0.00	44.54 1.91 0.00	55.36 2.36 0.00	47.49 1.90 0.00	45.91 1.81 0.00	42.55 1.38 0.00	39.23 1.11 0.00
BOWLINE___2 23595	36.11 1.05 0.00	36.91 1.06 0.00	35.82 1.10 0.00	36.44 1.14 0.00	37.37 1.23 0.00	40.36 1.45 0.00	56.29 2.01 0.00	77.65 2.79 0.00	83.09 2.82 0.00	37.56 1.18 0.00	32.95 0.97 0.00	29.73 0.88 0.00	27.99 0.78 0.00	32.77 0.84 0.00	32.88 0.85 0.00	33.68 1.01 0.00	33.85 1.15 0.00	37.78 1.40 0.00	44.54 1.91 0.00	55.36 2.36 0.00	47.49 1.90 0.00	45.91 1.82 0.00	42.55 1.38 0.00	39.23 1.11 0.00
BRADY___115KV_TB2 356060	35.74 0.69 0.00	36.50 0.66 0.00	35.24 0.52 0.00	35.77 0.47 0.00	36.62 0.47 0.00	39.34 0.43 0.00	54.87 0.59 0.00	75.76 0.90 0.00	81.10 0.82 0.00	36.69 0.31 0.00	32.22 0.24 0.00	29.11 0.26 0.00	27.44 0.23 0.00	31.97 0.03 0.00	35.29 0.11 -3.15	32.87 0.20 0.00	32.78 0.09 0.00	36.86 0.06 -0.42	47.53 0.10 -4.80	58.76 0.23 -5.53	50.67 0.23 -4.85	49.17 0.36 -4.72	46.43 0.62 -4.64	42.95 0.59 -4.24
BRANSCOMB___SOLAR 323811	36.35 1.29 0.00	37.20 1.35 0.00	36.02 1.30 0.00	36.66 1.36 0.00	37.56 1.41 0.00	40.47 1.57 0.00	56.71 2.43 0.00	80.03 5.17 0.00	85.36 5.09 0.00	37.54 1.16 0.00	32.42 0.44 0.00	29.13 0.27 0.00	27.43 0.22 0.00	32.46 0.52 0.00	32.89 0.87 0.00	33.46 0.79 0.00	33.70 1.00 0.00	37.79 1.41 0.00	44.36 1.73 0.00	55.03 2.03 0.00	47.38 1.79 0.00	45.80 1.71 0.00	42.62 1.46 0.00	39.42 1.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.70 1.65 0.00	37.64 1.79 0.00	36.59 1.88 0.00	37.30 2.00 0.00	38.23 2.08 0.00	41.57 2.66 0.00	58.02 3.75 0.00	79.78 4.92 0.00	85.57 5.30 0.00	38.58 2.19 0.00	33.72 1.73 0.00	30.15 1.29 0.00	28.37 1.16 0.00	33.16 1.22 0.00	33.29 1.26 0.00	35.98 1.64 -1.67	34.63 1.93 0.00	38.57 2.19 0.00	45.60 2.97 0.00	56.46 3.46 0.00	48.01 2.42 0.00	46.69 2.59 0.00	43.28 2.11 0.00	39.88 1.76 0.00

BRISTLHL_115KV_TB1 79998	34.24 -0.81 0.00	35.01 -0.84 0.00	33.93 -0.79 0.00	34.48 -0.82 0.00	35.30 -0.85 0.00	37.97 -0.94 0.00	53.05 -1.23 0.00	73.11 -1.75 0.00	78.42 -1.85 0.00	35.58 -0.80 0.00	31.35 -0.63 0.00	28.34 -0.52 0.00	26.72 -0.49 0.00	31.45 -0.49 0.00	31.55 -0.47 0.00	32.19 -0.48 0.00	32.13 -0.57 0.00	35.64 -0.75 0.00	41.70 -0.93 0.00	51.97 -1.03 0.00	44.69 -0.90 0.00	43.13 -0.96 0.00	40.26 -0.91 0.00	37.30 -0.82 0.00
BROOKHAVEN___DRP 24191	36.09 1.03 0.00	37.07 1.22 0.00	36.13 1.41 0.00	36.91 1.61 0.00	37.84 1.69 0.00	41.31 2.40 0.00	57.83 3.55 0.00	79.54 4.68 0.00	85.13 4.86 0.00	38.30 1.92 0.00	33.43 1.45 0.00	29.81 0.96 0.00	27.98 0.77 0.00	32.71 0.78 0.00	32.82 0.79 0.00	35.31 1.24 -1.40	34.33 1.63 0.00	38.25 1.87 0.00	45.23 2.60 0.00	55.84 2.84 0.00	47.08 1.49 0.00	45.87 1.77 0.00	42.49 1.33 0.00	39.12 1.00 0.00
BROOKLYN_NAVY_YARD 23515	36.39 1.33 0.00	37.19 1.34 0.00	36.11 1.39 0.00	36.74 1.44 0.00	37.59 1.45 0.00	40.62 1.73 0.02	56.62 2.35 0.01	78.18 3.31 0.00	83.69 3.42 0.00	37.94 1.55 0.00	33.33 1.35 0.00	30.12 1.27 0.00	28.34 1.13 0.00	33.13 1.19 0.00	33.23 1.20 0.00	34.05 1.38 0.00	34.20 1.50 0.00	38.15 1.77 0.00	44.90 2.27 0.00	55.83 2.83 0.00	47.90 2.31 0.00	46.41 2.31 0.00	43.05 1.89 0.00	39.71 1.59 0.00
BROOKLYN___ARMY_DRP 323595	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
BROOKVLE_69_KV_TB1 55790	36.79 1.73 0.00	37.68 1.84 0.00	36.60 1.88 0.00	37.26 1.96 0.00	38.17 2.02 0.00	41.39 2.48 0.00	57.74 3.47 0.00	79.49 4.63 0.00	85.18 4.91 0.00	38.51 2.13 0.00	33.74 1.76 0.00	30.32 1.46 0.00	28.53 1.32 0.00	33.37 1.43 0.00	33.43 1.40 0.00	41.41 1.84 -6.90	34.62 1.92 0.00	38.60 2.22 0.00	45.56 2.93 0.00	56.49 3.48 0.00	48.25 2.66 0.00	46.83 2.73 0.00	43.42 2.25 0.00	40.02 1.90 0.00
BROOME_2_LFGE 323671	33.91 -0.61 0.54	35.21 -0.64 0.00	34.18 -0.54 0.00	34.76 -0.54 0.00	35.60 -0.54 0.00	38.31 -0.60 0.00	53.55 -0.73 0.00	72.90 -1.11 0.85	79.21 -1.06 0.00	35.88 -0.51 0.00	31.61 -0.37 0.00	28.58 -0.28 0.00	27.00 -0.21 0.00	31.72 -0.22 0.00	31.77 -0.26 0.00	32.48 -0.18 0.00	32.49 -0.21 0.00	36.15 -0.23 0.00	42.27 -0.35 0.00	52.61 -0.39 0.00	45.16 -0.43 0.00	43.60 -0.50 0.00	40.72 -0.44 0.00	37.78 -0.34 0.00
BROOME___LFGE 323600	33.91 -0.61 0.54	35.21 -0.64 0.00	34.18 -0.54 0.00	34.76 -0.54 0.00	35.60 -0.54 0.00	38.31 -0.60 0.00	53.55 -0.73 0.00	72.90 -1.11 0.85	79.21 -1.06 0.00	35.88 -0.51 0.00	31.61 -0.37 0.00	28.58 -0.28 0.00	27.00 -0.21 0.00	31.72 -0.22 0.00	31.77 -0.26 0.00	32.48 -0.18 0.00	32.49 -0.21 0.00	36.15 -0.23 0.00	42.27 -0.35 0.00	52.61 -0.39 0.00	45.16 -0.43 0.00	43.60 -0.50 0.00	40.72 -0.44 0.00	37.78 -0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	34.66 -0.39 0.00	35.29 -0.56 0.00	33.82 -0.89 0.00	34.15 -1.15 0.00	35.01 -1.14 0.00	37.61 -1.29 0.00	52.52 -1.76 0.00	72.67 -2.20 0.00	77.77 -2.50 0.00	35.25 -1.14 0.00	30.91 -1.07 0.00	27.87 -0.98 0.00	26.38 -0.83 0.00	31.05 -0.89 0.00	35.34 -1.12 -4.43	31.53 -1.14 0.00	31.54 -1.16 0.00	35.71 -1.27 -0.59	47.84 -1.53 -6.75	59.20 -1.58 -7.78	51.30 -1.11 -6.82	49.66 -1.07 -6.64	46.89 -0.81 -6.54	43.30 -0.78 -5.96
BROWNSV1_27_KV_LOAD 356125	36.80 1.74 0.00	37.65 1.80 0.00	36.53 1.81 0.00	37.15 1.85 0.00	38.03 1.89 0.00	41.14 2.24 0.00	57.35 3.07 0.00	79.10 4.24 0.00	84.72 4.45 0.00	38.40 2.02 0.00	33.74 1.76 0.00	30.47 1.61 0.00	28.68 1.47 0.00	33.52 1.58 0.00	33.64 1.61 0.00	34.49 1.82 0.00	34.63 1.93 0.00	38.64 2.26 0.00	45.48 2.86 0.00	56.53 3.53 0.00	48.50 2.91 0.00	46.90 2.81 0.00	43.48 2.31 0.00	40.09 1.96 0.00
BURROWS___LYONSDAL 23803	35.33 0.27 0.00	35.94 0.09 0.00	34.47 -0.25 0.00	34.81 -0.49 0.00	35.71 -0.43 0.00	38.41 -0.49 0.00	53.67 -0.61 0.00	74.20 -0.66 0.00	79.42 -0.85 0.00	35.93 -0.46 0.00	31.52 -0.47 0.00	28.41 -0.44 0.00	27.02 -0.19 0.00	31.94 0.00 -1.24	32.99 -0.28 0.00	32.37 -0.30 0.00	32.46 -0.24 0.00	36.34 -0.21 -0.17	44.17 -0.34 -1.89	55.07 -0.11 -2.18	47.67 0.17 -1.91	45.95 0.00 -1.85	43.04 0.05 -1.83	39.77 -0.02 -1.67
CAITHNESS_CC_1 323624	36.11 1.05 0.00	37.07 1.22 0.00	36.12 1.40 0.00	36.88 1.58 0.00	37.82 1.67 0.00	41.25 2.34 0.00	57.72 3.45 0.00	79.38 4.52 0.00	84.96 4.69 0.00	38.25 1.87 0.00	33.41 1.43 0.00	29.82 0.96 0.00	28.00 0.79 0.00	32.73 0.79 0.00	32.83 0.81 0.00	35.30 1.24 -1.39	34.30 1.59 0.00	38.21 1.83 0.00	45.19 2.57 0.00	55.81 2.81 0.00	47.15 1.56 0.00	45.95 1.85 0.00	42.56 1.40 0.00	39.20 1.08 0.00
CALPINE BETH_PAGE_GT4 24209	36.53 1.47 0.00	37.42 1.57 0.00	36.35 1.63 0.00	37.01 1.72 0.00	37.92 1.78 0.00	41.16 2.25 0.00	57.43 3.15 0.00	79.00 4.14 0.00	84.66 4.39 0.00	38.30 1.92 0.00	33.54 1.56 0.00	30.10 1.24 0.00	28.32 1.11 0.00	33.13 1.19 0.00	33.19 1.16 0.00	39.56 1.59 -5.31	34.43 1.73 0.00	38.31 1.93 0.00	45.25 2.63 0.00	56.09 3.08 0.00	47.82 2.23 0.00	46.46 2.37 0.00	43.08 1.91 0.00	39.70 1.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.52 1.46 0.00	37.41 1.56 0.00	36.34 1.62 0.00	37.00 1.70 0.00	37.92 1.78 0.00	41.15 2.24 0.00	57.41 3.14 0.00	78.98 4.13 0.00	84.61 4.34 0.00	38.29 1.91 0.00	33.54 1.56 0.00	30.09 1.24 0.00	28.32 1.11 0.00	33.13 1.19 0.00	33.19 1.16 0.00	39.55 1.58 -5.31	34.42 1.71 0.00	38.29 1.91 0.00	45.26 2.63 0.00	56.09 3.09 0.00	47.82 2.23 0.00	46.46 2.37 0.00	43.08 1.91 0.00	39.70 1.59 0.00
CALPINE_BP_GT1 23823	36.52 1.46 0.00	37.41 1.56 0.00	36.34 1.62 0.00	37.00 1.70 0.00	37.92 1.78 0.00	41.15 2.24 0.00	57.41 3.14 0.00	78.98 4.13 0.00	84.61 4.34 0.00	38.29 1.91 0.00	33.54 1.56 0.00	30.09 1.24 0.00	28.32 1.11 0.00	33.13 1.19 0.00	33.19 1.16 0.00	39.55 1.58 -5.31	34.42 1.71 0.00	38.29 1.91 0.00	45.26 2.63 0.00	56.09 3.09 0.00	47.82 2.23 0.00	46.46 2.37 0.00	43.08 1.91 0.00	39.70 1.59 0.00
CALSPAN___DRP 24200	26.78 -2.84 5.44	31.54 -2.87 1.44	27.45 -2.64 4.63	27.25 -2.75 5.30	27.63 -2.87 5.64	30.03 -3.29 5.59	43.97 -4.25 6.06	57.76 -6.58 10.53	65.14 -6.67 8.46	29.04 -2.46 4.89	26.52 -1.75 3.71	23.23 -1.35 4.28	22.66 -0.78 3.77	31.07 -0.87 0.00	29.58 -1.06 1.39	27.31 -1.26 4.10	26.05 -1.72 4.93	28.83 -2.04 5.51	33.81 -2.59 6.22	42.52 -3.20 7.29	38.42 -2.69 4.48	40.53 -2.58 0.99	39.46 -1.70 0.00	36.81 -1.31 0.00

CALVERTON___SOLAR 323806	36.05 0.99 0.00	37.05 1.20 0.00	36.12 1.40 0.00	36.91 1.61 0.00	37.84 1.70 0.00	41.36 2.45 0.00	57.92 3.64 0.00	79.70 4.84 0.00	85.21 4.93 0.00	38.30 1.92 0.00	33.41 1.43 0.00	29.78 0.93 0.00	27.95 0.74 0.00	32.69 0.75 0.00	32.79 0.76 0.00	35.30 1.23 -1.40	34.32 1.62 0.00	38.25 1.87 0.00	45.28 2.65 0.00	55.87 2.86 0.00	47.00 1.41 0.00	45.81 1.71 0.00	42.42 1.26 0.00	39.05 0.93 0.00
CANDIGU_WT_PWR 323617	-26.40 -3.16 58.30	13.96 -3.16 18.73	-28.42 -2.93 60.21	-36.64 -3.02 68.93	-40.06 -2.92 73.28	-36.89 -3.18 72.61	-28.71 -4.28 78.70	-48.58 -6.10 117.34	-35.91 -6.29 109.90	-30.02 -2.85 63.54	-18.77 -2.56 48.20	-29.02 -2.31 55.56	-23.84 -2.11 48.94	29.69 -2.25 0.00	11.55 -2.43 18.04	-23.05 -2.43 53.29	-33.89 -2.49 64.11	-37.84 -2.67 71.56	-41.50 -3.24 80.89	-45.65 -3.86 94.80	-16.01 -3.37 58.23	27.99 -3.24 12.86	38.62 -2.54 0.00	36.08 -2.04 0.00
CARR STREET_E_SYR 24060	34.46 -0.60 0.00	35.24 -0.61 0.00	34.16 -0.55 0.00	34.75 -0.56 0.00	35.57 -0.58 0.00	38.25 -0.65 0.00	53.46 -0.82 0.00	73.65 -1.21 0.00	79.06 -1.21 0.00	35.88 -0.51 0.00	31.60 -0.38 0.00	28.56 -0.30 0.00	26.97 -0.24 0.00	31.69 -0.25 0.00	31.82 -0.21 0.00	32.48 -0.19 0.00	32.44 -0.26 0.00	36.03 -0.35 0.00	42.12 -0.50 0.00	52.41 -0.59 0.00	45.07 -0.52 0.00	43.50 -0.59 0.00	40.62 -0.55 0.00	37.64 -0.48 0.00
CARTHAGE___PAPER 23857	35.27 0.22 0.00	35.81 -0.04 0.00	34.17 -0.55 0.00	34.37 -0.93 0.00	35.26 -0.88 0.00	37.90 -1.01 0.00	53.02 -1.26 0.00	73.38 -1.48 0.00	78.30 -1.97 0.00	35.42 -0.97 0.00	31.01 -0.97 0.00	27.92 -0.93 0.00	26.77 -0.44 0.00	31.71 -0.23 0.00	33.47 -0.57 -2.01	32.03 -0.64 0.00	32.06 -0.64 0.00	35.98 -0.67 -0.27	44.96 -0.73 -3.07	56.15 -0.39 -3.53	48.70 0.01 -3.10	46.94 -0.16 -3.01	44.05 -0.09 -2.97	40.70 -0.12 -2.71
CASSADAGA_WT_PWR 323784	27.82 -3.89 3.35	31.20 -3.97 0.68	29.13 -3.40 2.19	29.40 -3.39 2.51	30.12 -3.35 2.67	32.70 -3.56 2.65	47.00 -4.41 2.87	61.82 -6.84 6.19	68.87 -7.39 4.00	31.25 -2.82 2.31	28.01 -2.21 1.76	24.97 -1.86 2.02	24.42 -1.01 1.78	30.91 -1.03 0.00	29.63 -1.74 0.66	28.68 -2.05 1.94	28.20 -2.16 2.33	31.43 -2.35 2.61	37.14 -2.54 2.95	46.76 -2.79 3.45	41.15 -2.32 2.12	41.63 -2.00 0.47	40.55 -0.61 0.00	37.94 -0.17 0.00
CE_DUNWOOD___DRP 24194	36.39 1.34 0.00	37.24 1.39 0.00	36.14 1.42 0.00	36.76 1.47 0.00	37.65 1.51 0.00	40.69 1.79 0.00	56.74 2.47 0.00	78.28 3.42 0.00	83.82 3.54 0.00	37.93 1.55 0.00	33.28 1.30 0.00	30.02 1.17 0.00	28.26 1.05 0.00	33.07 1.13 0.00	33.17 1.15 0.00	34.00 1.34 0.00	34.17 1.47 0.00	38.13 1.74 0.00	44.90 2.27 0.00	55.80 2.80 0.00	47.86 2.27 0.00	46.27 2.18 0.00	42.89 1.72 0.00	39.57 1.45 0.00
CE_MILLWOOD___DRP 24193	36.28 1.22 0.00	37.12 1.27 0.00	36.01 1.29 0.00	36.64 1.34 0.00	37.54 1.39 0.00	40.56 1.65 0.00	56.57 2.30 0.00	78.04 3.18 0.00	83.54 3.27 0.00	37.78 1.39 0.00	33.15 1.17 0.00	29.91 1.05 0.00	28.14 0.93 0.00	32.95 1.01 0.00	33.06 1.03 0.00	33.87 1.20 0.00	34.04 1.34 0.00	37.99 1.61 0.00	44.75 2.12 0.00	55.61 2.60 0.00	47.71 2.12 0.00	46.12 2.02 0.00	42.75 1.58 0.00	39.43 1.31 0.00
CE_NYC2_DRP 24202	36.74 1.59 -0.09	37.50 1.65 -0.01	36.40 1.68 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.97 2.06 0.00	57.10 2.83 0.00	78.74 3.88 -0.01	84.33 4.05 0.00	38.25 1.87 0.00	33.91 1.62 -0.31	31.25 1.49 -0.90	28.57 1.36 -0.01	33.41 1.47 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.47 2.09 0.00	45.28 2.66 0.00	56.31 3.30 0.00	48.31 2.71 -0.01	46.71 2.62 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
CE_NYC_DRP 24195	36.52 1.46 0.00	37.37 1.52 0.00	36.26 1.54 0.00	36.89 1.59 0.00	37.77 1.63 0.00	40.85 1.94 0.00	56.93 2.66 0.00	78.54 3.68 0.00	84.09 3.82 0.00	38.12 1.74 0.00	33.49 1.51 0.00	30.24 1.38 0.00	28.46 1.25 0.00	33.28 1.34 0.00	33.39 1.37 0.00	34.22 1.55 0.00	34.38 1.68 0.00	38.35 1.97 0.00	45.14 2.51 0.00	56.09 3.09 0.00	48.10 2.51 0.00	46.52 2.43 0.00	43.11 1.94 0.00	39.77 1.65 0.00
CHAFFEE___LFGE 323603	31.46 -2.12 1.47	33.85 -2.00 0.00	32.94 -1.78 0.00	33.49 -1.81 0.00	34.07 -2.07 0.00	36.37 -2.53 0.00	50.98 -3.30 0.00	67.70 -4.85 2.31	75.32 -4.95 0.00	34.27 -2.11 0.00	30.53 -1.45 0.00	27.79 -1.06 0.00	26.62 -0.59 0.00	31.61 -0.33 0.00	31.32 -0.71 0.00	31.96 -0.70 0.00	31.83 -0.87 0.00	35.38 -1.00 0.00	40.95 -1.67 0.00	51.16 -1.84 0.00	43.87 -1.73 0.00	42.38 -1.72 0.00	39.93 -1.23 0.00	37.26 -0.86 0.00
CHATEAUG_35_KV_LOAD 355732	34.54 -0.52 0.00	35.42 -0.43 0.00	34.22 -0.50 0.00	34.89 -0.41 0.00	35.62 -0.53 0.00	38.18 -0.73 0.00	53.08 -1.19 0.00	73.94 -0.92 0.00	79.74 -0.53 0.00	36.23 -0.15 0.00	31.93 -0.05 0.00	28.60 -0.26 0.00	26.68 -0.53 0.00	31.08 -0.86 0.00	-14.16 -0.95 45.23	31.83 -0.84 0.00	31.82 -0.88 0.00	29.13 -1.18 6.07	-27.70 -1.42 68.92	-28.09 -1.64 79.45	-25.45 -1.40 69.65	-24.90 -1.22 67.77	-26.47 -0.91 66.73	-23.60 -0.85 60.88
CHATEAUG_WT_PWR 323614	34.44 -0.62 0.00	35.32 -0.53 0.00	34.14 -0.58 0.00	34.82 -0.49 0.00	35.59 -0.55 0.00	38.11 -0.80 0.00	52.97 -1.31 0.00	73.81 -1.05 0.00	79.65 -0.62 0.00	36.20 -0.19 0.00	31.90 -0.08 0.00	28.58 -0.27 0.00	26.64 -0.57 0.00	31.05 -0.90 0.00	-11.15 -1.00 42.18	31.82 -0.85 0.00	31.78 -0.92 0.00	29.45 -1.27 5.66	-23.18 -1.53 64.27	-22.97 -1.88 74.09	-20.98 -1.62 64.95	-20.53 -1.42 63.21	-22.15 -1.08 62.23	-19.64 -0.99 56.77
CHAT_HIGH_FALL_HYD 323578	34.54 -0.52 0.00	35.42 -0.43 0.00	34.22 -0.50 0.00	34.89 -0.41 0.00	35.62 -0.53 0.00	38.18 -0.73 0.00	53.08 -1.19 0.00	73.94 -0.92 0.00	79.74 -0.53 0.00	36.23 -0.15 0.00	31.93 -0.05 0.00	28.60 -0.26 0.00	26.68 -0.53 0.00	31.08 -0.86 0.00	-14.16 -0.95 45.23	31.83 -0.84 0.00	31.82 -0.88 0.00	29.13 -1.18 6.07	-27.70 -1.42 68.92	-28.09 -1.64 79.45	-25.45 -1.40 69.65	-24.90 -1.22 67.77	-26.47 -0.91 66.73	-23.60 -0.85 60.88
CHAUTAUQUA___LFGE 323629	27.48 -3.29 4.28	31.44 -3.39 1.02	28.49 -2.95 3.28	28.63 -2.92 3.75	29.28 -2.88 3.99	31.81 -3.15 3.95	46.02 -3.97 4.28	60.54 -6.19 8.13	67.78 -6.51 5.98	30.36 -2.57 3.46	27.37 -1.99 2.62	24.22 -1.61 3.02	23.65 -0.89 2.66	30.94 -1.00 0.00	29.54 -1.51 0.98	28.05 -1.72 2.90	27.31 -1.91 3.49	30.36 -2.13 3.89	35.74 -2.49 4.40	45.02 -2.83 5.15	40.04 -2.39 3.17	41.20 -2.19 0.70	40.04 -1.13 0.00	37.45 -0.67 0.00
CHERRYST_13_KV_LD 356241	36.62 1.57 0.00	37.47 1.62 0.00	36.36 1.64 0.00	36.99 1.69 0.00	37.87 1.73 0.00	40.96 2.06 0.00	57.08 2.81 0.00	78.76 3.90 0.00	84.32 4.05 0.00	38.23 1.85 0.00	33.59 1.60 0.00	30.33 1.47 0.00	28.55 1.34 0.00	33.38 1.44 0.00	33.49 1.46 0.00	34.33 1.66 0.00	34.49 1.79 0.00	38.48 2.10 0.00	45.26 2.64 0.00	56.25 3.24 0.00	48.24 2.65 0.00	46.66 2.56 0.00	43.22 2.05 0.00	39.86 1.75 0.00

CHESTROR_138KV_BK263 355645	36.00 0.95 0.00	36.81 0.96 0.00	35.71 0.99 0.00	36.34 1.03 0.00	37.24 1.10 0.00	40.21 1.30 0.00	56.08 1.80 0.00	77.34 2.48 0.00	82.81 2.53 0.00	37.41 1.03 0.00	32.79 0.81 0.00	29.59 0.74 0.00	27.84 0.63 0.00	32.65 0.71 0.00	32.74 0.71 0.00	33.52 0.86 0.00	33.68 0.99 0.00	37.63 1.25 0.00	44.30 1.67 0.00	55.11 2.10 0.00	47.28 1.69 0.00	45.71 1.61 0.00	42.39 1.23 0.00	39.13 1.01 0.00
CH_MIDHUDSON___DRP 24192	36.40 1.35 0.00	37.26 1.41 0.00	36.14 1.42 0.00	36.77 1.47 0.00	37.66 1.51 0.00	40.66 1.75 0.00	56.73 2.46 0.00	78.33 3.47 0.00	83.84 3.57 0.00	37.89 1.50 0.00	33.19 1.21 0.00	29.93 1.07 0.00	28.15 0.94 0.00	32.99 1.05 0.00	33.11 1.08 0.00	33.90 1.23 0.00	34.10 1.40 0.00	38.06 1.68 0.00	44.83 2.20 0.00	55.73 2.73 0.00	47.84 2.25 0.00	46.24 2.14 0.00	42.89 1.72 0.00	39.57 1.46 0.00
CH_MISC_IPPS 23765	36.54 1.48 0.00	37.38 1.53 0.00	36.25 1.54 0.00	36.88 1.59 0.00	37.80 1.65 0.00	40.81 1.90 0.00	56.95 2.67 0.00	78.62 3.76 0.00	84.16 3.89 0.00	38.01 1.63 0.00	33.30 1.32 0.00	30.03 1.17 0.00	28.24 1.03 0.00	33.11 1.17 0.00	33.23 1.20 0.00	34.01 1.34 0.00	34.22 1.52 0.00	38.20 1.82 0.00	45.03 2.40 0.00	56.00 3.00 0.00	48.08 2.48 0.00	46.45 2.36 0.00	43.08 1.91 0.00	39.74 1.62 0.00
CH_RES_BVR_FALLS 23983	34.68 -0.38 0.00	35.18 -0.67 0.00	33.87 -0.85 0.00	34.43 -0.87 0.00	35.29 -0.85 0.00	37.93 -0.97 0.00	52.91 -1.37 0.00	73.06 -1.80 0.00	78.58 -1.69 0.00	35.81 -0.57 0.00	31.51 -0.48 0.00	28.34 -0.51 0.00	26.78 -0.43 0.00	31.54 -0.41 0.00	31.41 -0.62 0.00	31.86 -0.81 0.00	31.74 -0.96 0.00	35.31 -1.07 0.00	41.40 -1.23 0.00	51.73 -1.27 0.00	44.71 -0.89 0.00	43.35 -0.75 0.00	40.58 -0.59 0.00	37.64 -0.48 0.00
CH_RES_NIAGARA 23895	24.63 -3.87 6.56	30.06 -3.94 1.85	25.04 -3.72 5.95	24.64 -3.85 6.81	24.89 -4.02 7.24	27.17 -4.56 7.18	40.40 -6.09 7.78	52.76 -9.26 12.85	59.97 -9.44 10.86	26.53 -3.57 6.28	24.49 -2.73 4.76	21.17 -2.19 5.49	20.78 -1.59 4.84	30.05 -1.89 0.00	28.25 -1.99 1.78	25.18 -2.22 5.27	23.62 -2.74 6.34	26.10 -3.21 7.07	30.62 -4.02 8.00	38.56 -5.08 9.37	35.55 -4.28 5.76	38.66 -4.16 1.27	38.02 -3.15 0.00	35.44 -2.68 0.00
CH_RES_SYRACUSE 23985	34.62 -0.43 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.35 0.00	38.49 -0.42 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.50 -0.77 0.00	36.08 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.13 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.65 -0.02 0.00	32.63 -0.07 0.00	36.25 -0.14 0.00	42.40 -0.23 0.00	52.72 -0.28 0.00	45.34 -0.25 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.86 -0.26 0.00
CLINTON_WT_PWR 323605	34.44 -0.62 0.00	35.32 -0.53 0.00	34.14 -0.58 0.00	34.82 -0.49 0.00	35.59 -0.55 0.00	38.11 -0.80 0.00	52.97 -1.31 0.00	73.81 -1.05 0.00	79.65 -0.62 0.00	36.20 -0.19 0.00	31.90 -0.08 0.00	28.58 -0.27 0.00	26.64 -0.57 0.00	31.05 -0.90 0.00	-11.15 -1.00 42.18	31.82 -0.85 0.00	31.78 -0.92 0.00	29.45 -1.27 5.66	-23.18 -1.53 64.27	-22.97 -1.88 74.09	-20.98 -1.62 64.95	-20.53 -1.42 63.21	-22.15 -1.08 62.23	-19.64 -0.99 56.77
CLINTON___LFGE 323618	34.42 -0.64 0.00	35.33 -0.51 0.00	34.21 -0.51 0.00	34.92 -0.39 0.00	35.77 -0.38 0.00	38.33 -0.57 0.00	53.09 -1.18 0.00	74.39 -0.47 0.00	80.41 0.14 0.00	36.41 0.02 0.00	32.10 0.12 0.00	28.70 -0.16 0.00	26.62 -0.59 0.00	31.00 -0.94 0.00	-12.10 -0.92 43.21	31.92 -0.75 0.00	31.93 -0.77 0.00	29.47 -1.11 5.80	-24.15 -0.94 65.83	-24.13 -1.23 75.90	-22.11 -1.17 66.53	-21.56 -0.91 64.74	-23.27 -0.69 63.75	-20.89 -0.86 58.15
COBBLENY_34_KV_TB1 80064	31.44 -2.15 1.47	33.82 -2.03 0.00	32.90 -1.82 0.00	33.44 -1.86 0.00	34.03 -2.11 0.00	36.32 -2.58 0.00	50.92 -3.35 0.00	67.66 -4.89 2.31	75.23 -5.04 0.00	34.23 -2.15 0.00	30.50 -1.48 0.00	27.77 -1.08 0.00	26.61 -0.60 0.00	31.61 -0.33 0.00	31.32 -0.71 0.00	31.93 -0.74 0.00	31.78 -0.92 0.00	35.30 -1.08 0.00	40.93 -1.70 0.00	51.12 -1.88 0.00	43.82 -1.77 0.00	42.37 -1.72 0.00	39.93 -1.24 0.00	37.27 -0.85 0.00
COFFEEN___115KV_TB3 355620	35.34 0.29 0.00	35.86 0.01 0.00	34.23 -0.49 0.00	34.44 -0.86 0.00	35.33 -0.81 0.00	37.98 -0.92 0.00	53.21 -1.07 0.00	73.56 -1.30 0.00	78.41 -1.86 0.00	35.44 -0.94 0.00	31.05 -0.93 0.00	28.03 -0.83 0.00	26.84 -0.37 0.00	31.94 0.00 0.00	33.33 -0.37 -1.67	32.19 -0.48 0.00	32.20 -0.50 0.00	36.15 -0.45 -0.22	44.76 -0.42 -2.55	56.00 0.05 -2.94	48.53 0.36 -2.57	46.74 0.14 -2.51	43.76 0.12 -2.46	40.43 0.06 -2.25
COLDSPRG_115KV_BK1 355956	31.26 -2.38 1.42	33.50 -2.35 0.00	32.72 -2.00 0.00	33.27 -2.03 0.00	34.04 -2.10 0.00	36.54 -2.36 0.00	51.40 -2.88 0.00	68.15 -4.48 2.23	75.58 -4.69 0.00	34.60 -1.78 0.00	30.78 -1.20 0.00	27.98 -0.88 0.00	26.96 -0.24 0.00	31.86 -0.08 0.00	31.42 -0.60 0.00	31.91 -0.75 0.00	31.76 -0.94 0.00	35.34 -1.04 0.00	41.34 -1.29 0.00	51.66 -1.35 0.00	44.40 -1.19 0.00	43.03 -1.06 0.00	41.00 -0.17 0.00	38.29 0.17 0.00
COLONIE_LFGE___ 323577	35.97 0.91 0.00	36.83 0.98 0.00	35.65 0.94 0.00	36.28 0.98 0.00	37.15 1.01 0.00	40.02 1.12 0.00	55.85 1.58 0.00	77.12 2.26 0.00	82.56 2.29 0.00	37.13 0.75 0.00	32.51 0.52 0.00	29.28 0.42 0.00	27.54 0.33 0.00	32.36 0.42 0.00	32.61 0.58 0.00	33.26 0.59 0.00	33.50 0.80 0.00	37.44 1.06 0.00	43.97 1.34 0.00	54.50 1.49 0.00	46.92 1.33 0.00	45.39 1.29 0.00	42.24 1.07 0.00	39.06 0.94 0.00
COOPERNY_115KV_TB1 80082	35.69 0.63 0.00	36.49 0.64 0.00	35.39 0.67 0.00	36.00 0.70 0.00	36.90 0.75 0.00	39.80 0.89 0.00	55.51 1.24 0.00	76.56 1.70 0.00	82.00 1.73 0.00	37.09 0.71 0.00	32.54 0.55 0.00	29.37 0.51 0.00	27.66 0.45 0.00	32.44 0.50 0.00	32.52 0.49 0.00	33.26 0.59 0.00	33.40 0.70 0.00	37.27 0.89 0.00	43.81 1.19 0.00	54.48 1.48 0.00	46.76 1.17 0.00	45.21 1.12 0.00	42.01 0.85 0.00	38.82 0.70 0.00
COPENHAGEN_WT_PWR 323753	34.82 -0.23 0.00	35.30 -0.55 0.00	33.60 -1.12 0.00	33.76 -1.54 0.00	34.63 -1.51 0.00	37.21 -1.70 0.00	52.10 -2.17 0.00	72.07 -2.79 0.00	76.96 -3.31 0.00	34.86 -1.53 0.00	30.53 -1.46 0.00	27.54 -1.32 0.00	26.38 -0.82 0.00	31.47 -0.47 0.00	32.61 -1.01 -1.58	31.51 -1.16 0.00	31.51 -1.19 0.00	35.33 -1.26 -0.21	43.65 -1.38 -2.41	54.66 -1.12 -2.78	47.40 -0.62 -2.44	45.69 -0.78 -2.37	42.78 -0.72 -2.34	39.58 -0.67 -2.13
CORNELL_____ 23752	43.12 0.04 -8.02	36.71 0.00 -0.86	37.54 0.05 -2.77	38.53 0.06 -3.17	39.60 0.09 -3.37	42.30 0.05 -3.34	58.07 0.18 -3.62	88.84 0.19 -13.79	85.62 0.30 -5.05	39.43 0.12 -2.92	34.39 0.19 -2.22	31.55 0.14 -2.56	29.41 -0.05 -2.25	32.11 0.17 0.00	33.10 0.24 -0.83	35.47 0.35 -2.45	35.93 0.28 -2.95	39.97 0.29 -3.29	46.77 0.42 -3.72	57.93 0.57 -4.36	48.70 0.42 -2.68	45.00 0.31 -0.59	41.45 0.28 0.00	38.42 0.30 0.00

CORONA__69_KV_TB1 355595	36.78 1.72 0.00	37.67 1.82 0.00	36.57 1.85 0.00	37.23 1.92 0.00	38.13 1.99 0.00	41.33 2.43 0.00	57.62 3.35 0.00	79.32 4.46 0.00	85.01 4.74 0.00	38.46 2.08 0.00	33.72 1.74 0.00	30.33 1.48 0.00	28.54 1.33 0.00	33.39 1.45 0.00	33.44 1.41 0.00	57.40 1.82 -22.91	34.64 1.93 0.00	38.60 2.22 0.00	45.54 2.91 0.00	56.43 3.42 0.00	48.22 2.63 0.00	46.79 2.69 0.00	43.41 2.24 0.00	40.04 1.93 0.00
CORTLAND__115KV_TB3 80093	36.38 -0.14 -1.47	35.67 -0.17 0.00	34.60 -0.12 0.00	35.18 -0.12 0.00	36.05 -0.10 0.00	38.78 -0.13 0.00	54.21 -0.07 0.00	77.04 -0.12 -2.30	80.18 -0.09 0.00	36.31 -0.07 0.00	31.97 -0.01 0.00	28.86 0.00 0.00	27.20 0.00 0.00	31.99 0.05 0.00	32.14 0.11 0.00	32.84 0.17 0.00	32.86 0.16 0.00	36.53 0.14 0.00	42.79 0.17 0.00	53.27 0.26 0.00	45.77 0.18 0.00	44.18 0.08 0.00	41.20 0.04 0.00	38.18 0.06 0.00
COXSACKIE__GT 23611	37.02 1.97 0.00	37.85 2.00 0.00	36.65 1.94 0.00	37.29 1.99 0.00	38.20 2.05 0.00	41.19 2.29 0.00	57.55 3.28 0.00	79.58 4.72 0.00	84.97 4.70 0.00	37.95 1.57 0.00	32.89 0.90 0.00	29.59 0.73 0.00	27.90 0.69 0.00	32.79 0.85 0.00	33.33 1.31 0.00	34.00 1.33 0.00	33.99 1.29 0.00	38.58 2.20 0.00	45.58 2.95 0.00	56.54 3.53 0.00	48.59 2.99 0.00	46.91 2.82 0.00	43.64 2.48 0.00	40.34 2.22 0.00
CPV_VALLEY__CC1 323721	35.75 0.69 0.00	36.56 0.71 0.00	35.46 0.74 0.00	36.07 0.77 0.00	36.98 0.83 0.00	39.91 1.00 0.00	55.64 1.37 0.00	76.74 1.88 0.00	82.16 1.90 0.00	37.18 0.79 0.00	32.60 0.62 0.00	29.42 0.56 0.00	27.70 0.49 0.00	32.47 0.53 0.00	32.56 0.53 0.00	33.33 0.66 0.00	33.48 0.78 0.00	37.37 0.98 0.00	43.98 1.35 0.00	54.66 1.66 0.00	46.91 1.32 0.00	45.36 1.26 0.00	42.10 0.93 0.00	38.86 0.74 0.00
CPV_VALLEY__CC2 323722	35.75 0.69 0.00	36.56 0.71 0.00	35.46 0.74 0.00	36.07 0.77 0.00	36.98 0.83 0.00	39.91 1.00 0.00	55.64 1.37 0.00	76.74 1.88 0.00	82.16 1.90 0.00	37.18 0.79 0.00	32.60 0.62 0.00	29.42 0.56 0.00	27.70 0.49 0.00	32.47 0.53 0.00	32.56 0.53 0.00	33.33 0.66 0.00	33.48 0.78 0.00	37.37 0.98 0.00	43.98 1.35 0.00	54.66 1.66 0.00	46.91 1.32 0.00	45.36 1.26 0.00	42.10 0.93 0.00	38.86 0.74 0.00
CRESCENT__HYD 24018	35.97 0.91 0.00	36.83 0.98 0.00	35.65 0.94 0.00	36.28 0.98 0.00	37.15 1.01 0.00	40.02 1.12 0.00	55.85 1.58 0.00	77.12 2.26 0.00	82.56 2.29 0.00	37.13 0.75 0.00	32.51 0.52 0.00	29.28 0.42 0.00	27.54 0.33 0.00	32.36 0.42 0.00	32.61 0.58 0.00	33.26 0.59 0.00	33.50 0.80 0.00	37.44 1.06 0.00	43.97 1.34 0.00	54.50 1.49 0.00	46.92 1.33 0.00	45.39 1.29 0.00	42.24 1.07 0.00	39.06 0.94 0.00
CRICKET__VALLEY_CC1 323756	36.16 1.11 0.00	37.05 1.20 0.00	35.93 1.21 0.00	36.57 1.27 0.00	37.45 1.30 0.00	40.38 1.48 0.00	56.33 2.05 0.00	77.82 2.96 0.00	83.31 3.04 0.00	37.62 1.24 0.00	32.93 0.95 0.00	29.70 0.85 0.00	27.94 0.73 0.00	32.72 0.78 0.00	32.83 0.80 0.00	33.59 0.92 0.00	33.82 1.12 0.00	37.73 1.34 0.00	44.45 1.82 0.00	55.23 2.23 0.00	47.46 1.87 0.00	45.86 1.77 0.00	42.53 1.36 0.00	39.26 1.14 0.00
CRICKET__VALLEY_CC2 323757	36.16 1.11 0.00	37.05 1.20 0.00	35.93 1.21 0.00	36.57 1.27 0.00	37.45 1.30 0.00	40.38 1.48 0.00	56.33 2.05 0.00	77.82 2.96 0.00	83.31 3.04 0.00	37.62 1.24 0.00	32.93 0.95 0.00	29.70 0.85 0.00	27.94 0.73 0.00	32.72 0.78 0.00	32.83 0.80 0.00	33.59 0.92 0.00	33.82 1.12 0.00	37.73 1.34 0.00	44.45 1.82 0.00	55.23 2.23 0.00	47.46 1.87 0.00	45.86 1.77 0.00	42.53 1.36 0.00	39.26 1.14 0.00
CRICKET__VALLEY_CC3 323758	36.16 1.11 0.00	37.05 1.20 0.00	35.93 1.21 0.00	36.57 1.27 0.00	37.45 1.30 0.00	40.38 1.48 0.00	56.33 2.05 0.00	77.82 2.96 0.00	83.31 3.04 0.00	37.62 1.24 0.00	32.93 0.95 0.00	29.70 0.85 0.00	27.94 0.73 0.00	32.72 0.78 0.00	32.83 0.80 0.00	33.59 0.92 0.00	33.82 1.12 0.00	37.73 1.34 0.00	44.45 1.82 0.00	55.23 2.23 0.00	47.46 1.87 0.00	45.86 1.77 0.00	42.53 1.36 0.00	39.26 1.14 0.00
CRUCIBLE_METL_DRP 24180	34.62 -0.44 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.48 -0.43 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.49 -0.78 0.00	36.07 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.14 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.64 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.72 -0.28 0.00	45.34 -0.26 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.85 -0.27 0.00
DAHOWA__HYDRO 323763	36.41 1.35 0.00	37.26 1.41 0.00	36.08 1.36 0.00	36.72 1.42 0.00	37.62 1.48 0.00	40.54 1.64 0.00	56.87 2.60 0.00	80.04 5.18 0.00	85.46 5.19 0.00	37.67 1.28 0.00	32.55 0.57 0.00	29.24 0.38 0.00	27.51 0.30 0.00	32.85 0.91 0.00	33.60 1.57 0.00	34.24 1.57 0.00	34.74 2.04 0.00	39.18 2.80 0.00	46.02 3.39 0.00	57.13 4.12 0.00	49.20 3.61 0.00	47.51 3.41 0.00	44.13 2.97 0.00	40.88 2.76 0.00
DANC__LFGE 323619	34.55 -0.51 0.00	35.14 -0.71 0.00	33.69 -1.03 0.00	34.01 -1.29 0.00	34.86 -1.29 0.00	37.47 -1.43 0.00	52.42 -1.85 0.00	72.42 -2.44 0.00	77.46 -2.81 0.00	35.10 -1.28 0.00	30.80 -1.18 0.00	27.81 -1.04 0.00	26.48 -0.73 0.00	31.43 -0.51 0.00	32.30 -0.82 -1.09	31.77 -0.90 0.00	31.74 -0.96 0.00	35.44 -1.09 -0.15	43.04 -1.24 -1.65	53.79 -1.12 -1.91	46.51 -0.75 -1.67	44.85 -0.87 -1.63	41.95 -0.82 -1.60	38.82 -0.76 -1.46
DANSKAMMER__1 23586	36.54 1.48 0.00	37.38 1.53 0.00	36.25 1.54 0.00	36.88 1.59 0.00	37.80 1.65 0.00	40.81 1.90 0.00	56.95 2.67 0.00	78.62 3.76 0.00	84.16 3.89 0.00	38.01 1.63 0.00	33.30 1.32 0.00	30.03 1.17 0.00	28.24 1.03 0.00	33.11 1.17 0.00	33.23 1.20 0.00	34.01 1.34 0.00	34.22 1.52 0.00	38.20 1.82 0.00	45.03 2.40 0.00	56.00 3.00 0.00	48.08 2.48 0.00	46.45 2.36 0.00	43.08 1.91 0.00	39.74 1.62 0.00
DANSKAMMER__2 23589	36.54 1.48 0.00	37.38 1.53 0.00	36.25 1.54 0.00	36.88 1.59 0.00	37.80 1.65 0.00	40.81 1.90 0.00	56.95 2.67 0.00	78.62 3.76 0.00	84.16 3.89 0.00	38.01 1.63 0.00	33.30 1.32 0.00	30.03 1.17 0.00	28.24 1.03 0.00	33.11 1.17 0.00	33.23 1.20 0.00	34.01 1.34 0.00	34.22 1.52 0.00	38.20 1.82 0.00	45.03 2.40 0.00	56.00 3.00 0.00	48.08 2.48 0.00	46.45 2.36 0.00	43.08 1.91 0.00	39.74 1.62 0.00
DANSKAMMER__3 23590	36.54 1.48 0.00	37.38 1.53 0.00	36.25 1.54 0.00	36.88 1.59 0.00	37.80 1.65 0.00	40.81 1.90 0.00	56.95 2.67 0.00	78.62 3.76 0.00	84.16 3.89 0.00	38.01 1.63 0.00	33.30 1.32 0.00	30.03 1.17 0.00	28.24 1.03 0.00	33.11 1.17 0.00	33.23 1.20 0.00	34.01 1.34 0.00	34.22 1.52 0.00	38.20 1.82 0.00	45.03 2.40 0.00	56.00 3.00 0.00	48.08 2.48 0.00	46.45 2.36 0.00	43.08 1.91 0.00	39.74 1.62 0.00

DANSKAMMER___4 23591	36.54 1.48 0.00	37.38 1.53 0.00	36.25 1.54 0.00	36.88 1.59 0.00	37.80 1.65 0.00	40.81 1.90 0.00	56.95 2.67 0.00	78.62 3.76 0.00	84.16 3.89 0.00	38.01 1.63 0.00	33.30 1.32 0.00	30.03 1.17 0.00	28.24 1.03 0.00	33.11 1.17 0.00	33.23 1.20 0.00	34.01 1.34 0.00	34.22 1.52 0.00	38.20 1.82 0.00	45.03 2.40 0.00	56.00 3.00 0.00	48.08 2.48 0.00	46.45 2.36 0.00	43.08 1.91 0.00	39.74 1.62 0.00
DANSKAMMER___DIESEL 23592	36.54 1.49 0.00	37.38 1.53 0.00	36.26 1.54 0.00	36.89 1.59 0.00	37.80 1.65 0.00	40.81 1.91 0.00	56.96 2.68 0.00	78.62 3.76 0.00	84.17 3.90 0.00	38.02 1.64 0.00	33.30 1.32 0.00	30.04 1.18 0.00	28.24 1.03 0.00	33.11 1.17 0.00	33.23 1.20 0.00	34.01 1.34 0.00	34.23 1.53 0.00	38.22 1.83 0.00	45.03 2.40 0.00	56.01 3.01 0.00	48.08 2.49 0.00	46.45 2.35 0.00	43.08 1.91 0.00	39.74 1.62 0.00
DARBY___SOLAR 323810	36.39 1.34 0.00	37.26 1.41 0.00	36.07 1.35 0.00	36.71 1.41 0.00	37.61 1.46 0.00	40.53 1.62 0.00	57.28 3.00 0.00	80.30 5.44 0.00	85.78 5.51 0.00	37.89 1.51 0.00	32.68 0.69 0.00	29.36 0.51 0.00	27.63 0.42 0.00	32.45 0.51 0.00	32.89 0.86 0.00	33.46 0.79 0.00	33.69 0.99 0.00	37.79 1.41 0.00	44.36 1.73 0.00	55.03 2.03 0.00	47.38 1.79 0.00	45.80 1.71 0.00	42.62 1.46 0.00	39.42 1.30 0.00
DASHVILLE___HYD 23610	36.38 1.33 0.00	37.22 1.37 0.00	36.10 1.38 0.00	36.73 1.42 0.00	37.63 1.48 0.00	40.62 1.72 0.00	56.69 2.41 0.00	78.25 3.39 0.00	83.82 3.55 0.00	37.91 1.53 0.00	33.19 1.21 0.00	29.92 1.06 0.00	28.14 0.93 0.00	32.96 1.02 0.00	33.05 1.02 0.00	33.90 1.23 0.00	34.04 1.34 0.00	37.97 1.58 0.00	44.78 2.15 0.00	55.72 2.71 0.00	47.83 2.24 0.00	46.22 2.12 0.00	42.87 1.71 0.00	39.57 1.45 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.73 0.67 0.00	36.97 1.13 0.00	36.00 1.29 0.00	36.75 1.45 0.00	37.66 1.51 0.00	41.49 2.58 0.00	58.17 3.90 0.00	80.19 5.33 0.00	85.19 4.92 0.00	38.12 1.73 0.00	33.16 1.18 0.00	29.50 0.64 0.00	27.83 0.62 0.00	32.63 0.69 0.00	32.75 0.72 0.00	35.30 1.23 -1.40	34.36 1.66 0.00	38.38 2.00 0.00	45.46 2.83 0.00	55.74 2.73 0.00	46.63 1.04 0.00	45.43 1.34 0.00	42.05 0.88 0.00	38.69 0.57 0.00
DELAWARE___LFGE 323621	35.73 0.67 0.00	36.49 0.65 0.00	35.38 0.66 0.00	35.97 0.66 0.00	36.87 0.73 0.00	39.73 0.83 0.00	55.45 1.18 0.00	76.46 1.60 0.00	81.95 1.68 0.00	37.11 0.72 0.00	32.60 0.62 0.00	29.42 0.57 0.00	27.76 0.55 0.00	32.62 0.68 0.00	32.64 0.61 0.00	33.35 0.68 0.00	33.41 0.71 0.00	37.23 0.85 0.00	43.69 1.07 0.00	54.33 1.32 0.00	46.67 1.08 0.00	45.11 1.01 0.00	42.01 0.84 0.00	38.86 0.75 0.00
DERFIELD_115KV_TB7 355931	35.08 0.02 0.00	35.82 -0.03 0.00	34.68 -0.04 0.00	35.27 -0.04 0.00	36.12 -0.02 0.00	38.91 0.00 0.00	54.28 0.01 0.00	74.88 0.02 0.00	80.25 -0.02 0.00	36.31 -0.07 0.00	31.89 -0.09 0.00	28.77 -0.09 0.00	27.14 -0.07 0.00	31.91 -0.03 0.00	31.99 -0.03 0.00	32.63 -0.03 0.00	32.70 0.00 0.00	36.42 0.04 0.00	42.67 0.04 0.00	53.06 0.05 0.00	45.66 0.07 0.00	44.14 0.05 0.00	41.16 0.00 0.00	38.09 -0.04 0.00
DOGLEVILLE___HYD 23807	34.97 -0.09 0.00	35.79 -0.07 0.00	34.63 -0.09 0.00	35.21 -0.09 0.00	36.11 -0.03 0.00	39.00 0.09 0.00	54.55 0.27 0.00	75.31 0.45 0.00	79.93 -0.34 0.00	35.28 -1.10 0.00	30.78 -1.20 0.00	27.73 -1.13 0.00	26.04 -1.17 0.00	31.17 -0.77 0.00	31.51 -0.52 0.00	31.82 -0.85 0.00	32.37 -0.33 0.00	36.37 -0.01 0.00	42.69 0.07 0.00	53.07 0.06 0.00	45.65 0.06 0.00	44.11 0.01 0.00	40.90 -0.27 0.00	37.73 -0.39 0.00
DUNKIRK___115KV_TB_200 55889	27.46 -3.23 4.37	31.48 -3.32 1.05	28.45 -2.89 3.38	28.57 -2.87 3.87	29.20 -2.83 4.11	31.72 -3.11 4.08	45.92 -3.94 4.42	60.44 -6.11 8.32	67.68 -6.43 6.17	30.25 -2.56 3.57	27.30 -1.97 2.71	24.17 -1.57 3.12	23.58 -0.88 2.75	30.95 -0.99 0.00	29.56 -1.46 1.01	28.00 -1.67 2.99	27.21 -1.89 3.60	30.25 -2.12 4.02	35.62 -2.46 4.54	44.85 -2.83 5.32	39.93 -2.39 3.27	41.17 -2.21 0.72	39.99 -1.18 0.00	37.40 -0.72 0.00
DUNKIRK___1 23563	27.46 -3.23 4.37	31.48 -3.32 1.05	28.45 -2.89 3.38	28.57 -2.87 3.87	29.20 -2.83 4.11	31.72 -3.11 4.08	45.92 -3.94 4.42	60.44 -6.11 8.32	67.68 -6.43 6.17	30.25 -2.56 3.57	27.30 -1.97 2.71	24.17 -1.57 3.12	23.58 -0.88 2.75	30.95 -0.99 0.00	29.56 -1.46 1.01	28.00 -1.67 2.99	27.21 -1.89 3.60	30.25 -2.12 4.02	35.62 -2.46 4.54	44.85 -2.83 5.32	39.93 -2.39 3.27	41.17 -2.21 0.72	39.99 -1.18 0.00	37.40 -0.72 0.00
DUNKIRK___2 23564	27.46 -3.23 4.37	31.48 -3.32 1.05	28.45 -2.89 3.38	28.57 -2.87 3.87	29.20 -2.83 4.11	31.72 -3.11 4.08	45.92 -3.94 4.42	60.44 -6.11 8.32	67.68 -6.43 6.17	30.25 -2.56 3.57	27.30 -1.97 2.71	24.17 -1.57 3.12	23.58 -0.88 2.75	30.95 -0.99 0.00	29.56 -1.46 1.01	28.00 -1.67 2.99	27.21 -1.89 3.60	30.25 -2.12 4.02	35.62 -2.46 4.54	44.85 -2.83 5.32	39.93 -2.39 3.27	41.17 -2.21 0.72	39.99 -1.18 0.00	37.40 -0.72 0.00
DUNKIRK___3 23565	27.28 -3.13 4.65	31.51 -3.19 1.15	28.23 -2.80 3.69	28.26 -2.81 4.23	28.84 -2.81 4.49	31.32 -3.13 4.45	45.44 -4.00 4.83	59.81 -6.17 8.88	67.05 -6.48 6.74	29.91 -2.57 3.90	27.07 -1.95 2.96	23.90 -1.55 3.41	23.29 -0.92 3.00	30.93 -1.02 0.00	29.51 -1.41 1.11	27.80 -1.60 3.27	26.92 -1.85 3.93	29.89 -2.10 4.39	35.16 -2.51 4.96	44.24 -2.96 5.81	39.51 -2.51 3.57	40.96 -2.35 0.79	39.77 -1.40 0.00	37.17 -0.95 0.00
DUNKIRK___4 23566	27.28 -3.13 4.65	31.51 -3.19 1.15	28.23 -2.80 3.69	28.26 -2.81 4.23	28.84 -2.81 4.49	31.32 -3.13 4.45	45.44 -4.00 4.83	59.81 -6.17 8.88	67.05 -6.48 6.74	29.91 -2.57 3.90	27.07 -1.95 2.96	23.90 -1.55 3.41	23.29 -0.92 3.00	30.93 -1.02 0.00	29.51 -1.41 1.11	27.80 -1.60 3.27	26.92 -1.85 3.93	29.89 -2.10 4.39	35.16 -2.51 4.96	44.24 -2.96 5.81	39.51 -2.51 3.57	40.96 -2.35 0.79	39.77 -1.40 0.00	37.17 -0.95 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.46 1.41 0.00	37.31 1.46 0.00	36.20 1.49 0.00	36.84 1.53 0.00	37.72 1.57 0.00	40.77 1.87 0.00	56.85 2.58 0.00	78.42 3.56 0.00	83.97 3.69 0.00	38.02 1.63 0.00	33.37 1.38 0.00	30.10 1.25 0.00	28.34 1.13 0.00	33.16 1.23 0.00	33.26 1.24 0.00	34.10 1.43 0.00	34.27 1.57 0.00	38.23 1.85 0.00	45.01 2.39 0.00	55.93 2.92 0.00	47.97 2.37 0.00	46.36 2.27 0.00	42.97 1.80 0.00	39.64 1.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.25 1.19 0.00	37.07 1.22 0.00	35.96 1.24 0.00	36.58 1.28 0.00	37.50 1.35 0.00	40.49 1.59 0.00	56.48 2.21 0.00	77.93 3.07 0.00	83.44 3.17 0.00	37.70 1.32 0.00	33.03 1.05 0.00	29.79 0.93 0.00	28.02 0.81 0.00	32.84 0.90 0.00	32.95 0.92 0.00	33.75 1.08 0.00	33.93 1.23 0.00	37.90 1.52 0.00	44.64 2.01 0.00	55.54 2.53 0.00	47.66 2.07 0.00	46.06 1.96 0.00	42.71 1.55 0.00	39.42 1.30 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.49 1.43 0.00	37.33 1.47 -0.01	36.24 1.52 -0.01	36.85 1.54 0.00	37.73 1.59 0.00	40.76 1.85 0.00	56.82 2.55 0.00	78.41 3.54 -0.01	83.94 3.67 0.00	38.08 1.70 0.00	33.45 1.46 0.00	30.20 1.34 -0.01	28.44 1.22 -0.01	33.25 1.31 0.00	33.37 1.33 -0.01	34.21 1.54 0.00	34.34 1.64 0.00	38.31 1.92 0.00	45.08 2.45 0.00	56.04 3.04 0.00	48.07 2.47 -0.01	46.50 2.40 -0.01	43.14 1.97 -0.01	39.80 1.67 -0.01
E179THST_13_KV_LOAD 356214	36.62 1.56 0.00	37.46 1.61 -0.01	36.37 1.64 -0.01	36.98 1.67 0.00	37.85 1.71 0.00	40.90 1.99 0.00	57.03 2.76 0.00	78.71 3.84 -0.01	84.26 3.99 0.00	38.23 1.84 0.00	33.58 1.60 0.00	30.32 1.46 -0.01	28.55 1.33 -0.01	33.39 1.44 0.00	33.50 1.47 -0.01	34.35 1.68 0.00	34.48 1.78 0.00	38.46 2.07 0.00	45.26 2.63 0.00	56.27 3.26 0.00	48.27 2.67 -0.01	46.69 2.59 -0.01	43.31 2.13 -0.01	39.95 1.82 -0.01
EAST HAMPTON___GT 23717	35.03 -0.03 0.00	36.61 0.76 0.00	35.56 0.85 0.00	36.23 0.93 0.00	37.08 0.94 0.00	41.28 2.37 0.00	57.84 3.57 0.00	80.01 5.15 0.00	84.26 3.99 0.00	37.53 1.14 0.00	32.55 0.56 0.00	28.91 0.05 0.00	27.49 0.28 0.00	32.43 0.48 0.00	32.53 0.51 0.00	35.10 1.03 -1.40	34.16 1.47 0.00	38.22 1.84 0.00	45.31 2.68 0.00	55.11 2.10 0.00	45.74 0.15 0.00	44.59 0.50 0.00	41.25 0.08 0.00	37.91 -0.21 0.00
EAST RIVER___6 23660	36.55 1.50 0.00	37.40 1.55 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.80 1.65 0.00	40.87 1.96 0.00	56.96 2.68 0.00	78.55 3.70 0.00	84.12 3.85 0.00	38.15 1.77 0.00	33.51 1.53 0.00	30.27 1.41 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.42 1.40 0.00	34.25 1.58 0.00	34.40 1.70 0.00	38.37 1.99 0.00	45.19 2.56 0.00	56.15 3.15 0.00	48.16 2.56 0.00	46.57 2.47 0.00	43.16 1.99 0.00	39.81 1.69 0.00
EAST RIVER___7 23524	36.55 1.50 0.00	37.40 1.55 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.80 1.65 0.00	40.87 1.96 0.00	56.96 2.68 0.00	78.55 3.70 0.00	84.12 3.85 0.00	38.15 1.77 0.00	33.51 1.53 0.00	30.27 1.41 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.42 1.40 0.00	34.25 1.58 0.00	34.40 1.70 0.00	38.37 1.99 0.00	45.19 2.56 0.00	56.15 3.15 0.00	48.16 2.56 0.00	46.57 2.47 0.00	43.16 1.99 0.00	39.81 1.69 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.39 1.34 0.00	37.24 1.39 0.00	36.14 1.42 0.00	36.76 1.47 0.00	37.65 1.51 0.00	40.69 1.79 0.00	56.74 2.47 0.00	78.28 3.42 0.00	83.82 3.54 0.00	37.93 1.55 0.00	33.28 1.30 0.00	30.02 1.17 0.00	28.26 1.05 0.00	33.07 1.13 0.00	33.17 1.15 0.00	34.00 1.34 0.00	34.17 1.47 0.00	38.13 1.74 0.00	44.90 2.27 0.00	55.80 2.80 0.00	47.86 2.27 0.00	46.27 2.18 0.00	42.89 1.72 0.00	39.57 1.45 0.00
EAST_HAMPTON___DIESEL 23722	34.91 -0.15 0.00	36.53 0.68 0.00	35.48 0.76 0.00	36.14 0.83 0.00	36.97 0.83 0.00	41.21 2.30 0.00	57.73 3.46 0.00	79.91 5.06 0.00	84.07 3.80 0.00	37.43 1.05 0.00	32.44 0.46 0.00	28.81 -0.04 0.00	27.43 0.22 0.00	32.36 0.43 0.00	32.48 0.46 0.00	35.06 0.98 -1.40	34.11 1.41 0.00	38.17 1.79 0.00	45.25 2.62 0.00	54.95 1.95 0.00	45.58 -0.01 0.00	44.44 0.35 0.00	41.10 -0.06 0.00	37.78 -0.34 0.00
EAST_POINT___SOLAR 323840	37.19 2.13 0.00	37.98 2.14 0.00	36.73 2.01 0.00	37.32 2.02 0.00	38.21 2.07 0.00	41.12 2.22 0.00	57.54 3.26 0.00	79.07 4.21 0.00	83.73 3.46 0.00	36.65 0.26 0.00	32.16 0.18 0.00	29.01 0.15 0.00	27.72 0.51 0.00	33.38 1.44 0.00	33.08 1.05 0.00	33.23 0.56 0.00	34.38 1.68 0.00	38.55 2.17 0.00	45.20 2.58 0.00	56.44 3.44 0.00	48.54 2.94 0.00	46.85 2.76 0.00	43.76 2.60 0.00	40.49 2.37 0.00
EAST_PULASKI___ESR 323781	34.38 -0.68 0.00	35.08 -0.77 0.00	33.87 -0.85 0.00	34.35 -0.95 0.00	35.17 -0.98 0.00	37.82 -1.08 0.00	52.87 -1.40 0.00	72.93 -1.93 0.00	78.14 -2.13 0.00	35.44 -0.94 0.00	31.17 -0.82 0.00	28.16 -0.70 0.00	26.65 -0.56 0.00	31.48 -0.47 0.00	31.47 -0.56 0.00	32.08 -0.59 0.00	32.04 -0.66 0.00	35.54 -0.85 0.00	41.63 -0.99 0.00	52.02 -0.99 0.00	44.83 -0.76 0.00	43.23 -0.86 0.00	40.35 -0.82 0.00	37.37 -0.75 0.00
EAST_RIVER___1 323558	36.52 1.46 0.00	37.37 1.52 0.00	36.26 1.54 0.00	36.89 1.59 0.00	37.76 1.62 0.00	40.84 1.93 0.00	56.91 2.64 0.00	78.52 3.66 0.00	84.08 3.81 0.00	38.11 1.73 0.00	33.48 1.50 0.00	30.23 1.38 0.00	28.46 1.25 0.00	33.28 1.34 0.00	33.39 1.36 0.00	34.22 1.55 0.00	34.36 1.67 0.00	38.33 1.95 0.00	45.14 2.52 0.00	56.09 3.09 0.00	48.10 2.51 0.00	46.52 2.42 0.00	43.12 1.95 0.00	39.77 1.65 0.00
EAST_RIVER___2 323559	36.55 1.50 0.00	37.40 1.55 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.80 1.65 0.00	40.87 1.96 0.00	56.96 2.68 0.00	78.55 3.70 0.00	84.12 3.85 0.00	38.15 1.77 0.00	33.51 1.53 0.00	30.27 1.41 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.42 1.40 0.00	34.25 1.58 0.00	34.40 1.70 0.00	38.37 1.99 0.00	45.19 2.56 0.00	56.15 3.15 0.00	48.16 2.56 0.00	46.57 2.47 0.00	43.16 1.99 0.00	39.81 1.69 0.00
EAST___DELAWARE_HYD 23607	36.44 1.38 0.00	37.24 1.39 0.00	36.11 1.39 0.00	36.74 1.44 0.00	37.67 1.53 0.00	40.67 1.77 0.00	56.75 2.48 0.00	78.31 3.45 0.00	83.84 3.57 0.00	37.87 1.49 0.00	33.06 1.08 0.00	29.82 0.97 0.00	28.01 0.80 0.00	32.94 1.00 0.00	33.01 0.98 0.00	33.80 1.13 0.00	33.92 1.22 0.00	37.99 1.61 0.00	44.88 2.25 0.00	55.85 2.84 0.00	47.93 2.34 0.00	46.32 2.22 0.00	42.96 1.80 0.00	39.65 1.53 0.00
EIGHT_POINT___WT_PWR 323820	52.50 -4.05 -21.49	40.01 -3.95 -8.11	57.10 -3.70 -26.08	61.36 -3.80 -29.86	64.46 -3.43 -31.74	66.62 -3.75 -31.45	83.20 -5.17 -34.09	112.33 -7.45 -44.91	120.23 -7.65 -47.60	60.54 -3.37 -27.53	49.59 -3.27 -20.88	49.84 -3.08 -24.07	45.53 -2.88 -21.20	28.77 -3.17 0.00	36.54 -3.31 -7.81	52.38 -3.37 -23.09	56.99 -3.48 -27.77	63.68 -3.70 -31.00	73.26 -4.41 -35.04	88.87 -5.19 -41.06	66.40 -4.42 -25.22	45.52 -4.15 -5.57	38.20 -2.97 0.00	35.77 -2.35 0.00
ELBRIDGE_115KV_TB2 80188	34.43 -0.63 0.00	35.24 -0.60 0.00	34.20 -0.52 0.00	34.78 -0.52 0.00	35.62 -0.52 0.00	38.24 -0.66 0.00	53.44 -0.84 0.00	73.63 -1.23 0.00	79.07 -1.20 0.00	35.88 -0.51 0.00	31.62 -0.37 0.00	28.54 -0.32 0.00	26.93 -0.28 0.00	31.72 -0.22 0.00	31.82 -0.20 0.00	32.45 -0.22 0.00	32.42 -0.28 0.00	36.02 -0.36 0.00	42.14 -0.49 0.00	52.36 -0.65 0.00	45.02 -0.57 0.00	43.48 -0.61 0.00	40.62 -0.55 0.00	37.65 -0.47 0.00
ELEC_TRO_TEK 24086	36.58 1.53 0.00	37.47 1.62 0.00	36.39 1.67 0.00	37.04 1.74 0.00	37.95 1.80 0.00	41.14 2.23 0.00	57.36 3.09 0.00	78.96 4.10 0.00	84.61 4.34 0.00	38.28 1.90 0.00	33.55 1.57 0.00	30.15 1.30 0.00	28.38 1.17 0.00	33.19 1.25 0.00	33.26 1.24 0.00	45.10 1.61 -10.83	34.43 1.73 0.00	38.38 1.99 0.00	45.27 2.65 0.00	56.12 3.11 0.00	47.95 2.36 0.00	46.51 2.41 0.00	43.13 1.97 0.00	39.78 1.66 0.00

ELLENBURG_WT_PWR 323604	34.44 -0.62 0.00	35.32 -0.53 0.00	34.14 -0.58 0.00	34.82 -0.49 0.00	35.59 -0.55 0.00	38.11 -0.80 0.00	52.97 -1.31 0.00	73.81 -1.05 0.00	79.65 -0.62 0.00	36.20 -0.19 0.00	31.90 -0.08 0.00	28.58 -0.27 0.00	26.64 -0.57 0.00	31.05 -0.90 0.00	-11.15 -1.00 42.18	31.82 -0.85 0.00	31.78 -0.92 0.00	29.45 -1.27 5.66	-23.18 -1.53 64.27	-22.97 -1.88 74.09	-20.98 -1.62 64.95	-20.53 -1.42 63.21	-22.15 -1.08 62.23	-19.64 -0.99 56.77
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.15 -3.04 5.87	31.16 -3.09 1.60	26.72 -2.86 5.14	26.45 -2.97 5.88	26.80 -3.09 6.26	29.18 -3.53 6.20	42.95 -4.61 6.72	56.37 -7.07 11.42	63.68 -7.20 9.38	28.29 -2.67 5.43	25.92 -1.95 4.11	22.59 -1.52 4.74	22.09 -0.94 4.18	30.85 -1.10 0.00	29.23 -1.26 1.54	26.66 -1.46 4.55	25.31 -1.92 5.47	28.01 -2.27 6.11	32.87 -2.85 6.91	41.37 -3.55 8.09	37.64 -2.99 4.97	40.10 -2.89 1.10	39.18 -1.99 0.00	36.54 -1.58 0.00
EMPIRE_CC_1 323656	35.67 0.61 0.00	36.52 0.67 0.00	35.38 0.66 0.00	36.00 0.70 0.00	36.87 0.73 0.00	39.70 0.79 0.00	55.20 0.93 0.00	76.20 1.34 0.00	81.55 1.28 0.00	36.87 0.48 0.00	32.32 0.34 0.00	29.12 0.27 0.00	27.39 0.18 0.00	32.16 0.22 0.00	32.35 0.32 0.00	33.01 0.34 0.00	33.25 0.55 0.00	37.08 0.69 0.00	43.47 0.84 0.00	53.85 0.85 0.00	46.36 0.77 0.00	44.86 0.76 0.00	41.77 0.60 0.00	38.69 0.57 0.00
EMPIRE_CC_2 323658	35.67 0.61 0.00	36.52 0.67 0.00	35.38 0.66 0.00	36.00 0.70 0.00	36.87 0.73 0.00	39.70 0.79 0.00	55.20 0.93 0.00	76.20 1.34 0.00	81.55 1.28 0.00	36.87 0.48 0.00	32.32 0.34 0.00	29.12 0.27 0.00	27.39 0.18 0.00	32.16 0.22 0.00	32.35 0.32 0.00	33.01 0.34 0.00	33.25 0.55 0.00	37.08 0.69 0.00	43.47 0.84 0.00	53.85 0.85 0.00	46.36 0.77 0.00	44.86 0.76 0.00	41.77 0.60 0.00	38.69 0.57 0.00
ENORWICH_115KV_TB1 80156	39.44 1.27 -3.11	37.29 0.99 -0.45	37.07 0.91 -1.44	37.80 0.85 -1.65	38.91 1.01 -1.76	41.81 1.17 -1.74	57.82 1.66 -1.88	82.45 2.09 -5.50	85.06 2.16 -2.63	38.78 0.88 -1.52	33.95 0.82 -1.15	30.85 0.66 -1.33	28.82 0.44 -1.17	32.73 0.79 0.00	33.16 0.70 -0.43	34.57 0.62 -1.28	34.42 0.18 -1.54	38.43 0.33 -1.71	45.29 0.72 -1.94	56.17 0.89 -2.27	47.62 0.64 -1.39	44.92 0.52 -0.31	41.60 0.44 0.00	38.52 0.40 0.00
ERIE_ST__34_KV_TB1-2 80199	27.39 -2.49 5.18	32.02 -2.48 1.35	28.09 -2.30 4.32	27.92 -2.43 4.95	28.32 -2.56 5.26	30.73 -3.77 5.21	44.85 -3.77 5.65	59.08 -5.80 9.99	66.52 -5.87 7.89	29.67 -2.15 4.56	27.02 -1.50 3.46	23.74 -1.12 3.99	23.11 -0.59 3.51	31.39 -0.55 0.00	29.96 -0.77 1.30	27.88 -0.97 3.83	26.68 -1.42 4.60	29.52 -1.73 5.14	34.61 -2.21 5.81	43.51 -2.69 6.80	39.15 -2.26 4.18	41.01 -2.16 0.92	39.82 -1.34 0.00	37.13 -0.99 0.00
ERIE_WT_PWR 323693	26.80 -2.82 5.44	31.55 -2.86 1.44	27.47 -2.61 4.63	27.30 -2.70 5.30	27.69 -2.82 5.64	30.09 -3.22 5.59	44.04 -4.18 6.06	57.82 -6.51 10.53	65.21 -6.61 8.46	29.07 -2.43 4.89	26.57 -1.71 3.71	23.25 -1.33 4.28	22.67 -0.78 3.77	31.09 -0.86 0.00	29.57 -1.07 1.39	27.35 -1.22 4.10	26.12 -1.65 4.93	28.92 -1.96 5.51	33.86 -2.54 6.22	42.58 -3.13 7.29	38.44 -2.67 4.48	40.54 -2.56 0.99	39.49 -1.68 0.00	36.83 -1.29 0.00
ESPRGFLD_115KV_TB1 80157	36.39 1.34 0.00	37.15 1.30 0.00	35.95 1.23 0.00	36.52 1.22 0.00	37.40 1.25 0.00	40.23 1.33 0.00	56.22 1.94 0.00	77.42 2.56 0.00	82.96 2.69 0.00	37.60 1.22 0.00	33.12 1.14 0.00	29.95 1.09 0.00	28.35 1.14 0.00	33.41 1.47 0.00	33.39 1.36 0.00	33.94 1.27 0.00	33.90 1.21 0.00	37.70 1.31 0.00	44.17 1.54 0.00	55.06 2.06 0.00	47.31 1.71 0.00	45.66 1.57 0.00	42.70 1.53 0.00	39.55 1.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.58 0.01 -6.51	36.55 -0.03 -0.72	37.06 0.02 -2.31	37.98 0.03 -2.65	39.01 0.06 -2.82	41.71 0.01 -2.79	57.44 0.14 -3.02	86.21 0.13 -11.22	84.71 0.22 -4.22	38.91 0.08 -2.44	33.99 0.15 -1.85	31.10 0.11 -2.14	29.05 -0.04 -1.88	32.09 0.15 0.00	32.94 0.22 -0.69	35.03 0.31 -2.05	35.41 0.25 -2.46	39.38 0.25 -2.75	46.09 0.36 -3.11	57.13 0.48 -3.64	48.19 0.36 -2.24	44.84 0.25 -0.49	41.39 0.23 0.00	38.36 0.23 0.00
ETNA____115KV_TB2 80207	41.58 0.01 -6.51	36.55 -0.03 -0.72	37.06 0.02 -2.31	37.98 0.03 -2.65	39.01 0.06 -2.82	41.71 0.01 -2.79	57.44 0.14 -3.02	86.21 0.13 -11.22	84.71 0.22 -4.22	38.91 0.08 -2.44	33.99 0.15 -1.85	31.10 0.11 -2.14	29.05 -0.04 -1.88	32.09 0.15 0.00	32.94 0.22 -0.69	35.03 0.31 -2.05	35.41 0.25 -2.46	39.38 0.25 -2.75	46.09 0.36 -3.11	57.13 0.48 -3.64	48.19 0.36 -2.24	44.84 0.25 -0.49	41.39 0.23 0.00	38.36 0.23 0.00
EUCLID____115KV_TB2 356179	34.32 -0.73 0.00	35.10 -0.75 0.00	34.03 -0.69 0.00	34.61 -0.70 0.00	35.42 -0.72 0.00	38.09 -0.82 0.00	53.21 -1.06 0.00	73.35 -1.51 0.00	78.69 -1.58 0.00	35.72 -0.66 0.00	31.46 -0.53 0.00	28.43 -0.43 0.00	26.85 -0.36 0.00	31.57 -0.38 0.00	31.67 -0.36 0.00	32.32 -0.35 0.00	32.27 -0.43 0.00	35.83 -0.55 0.00	41.90 -0.73 0.00	52.13 -0.88 0.00	44.84 -0.75 0.00	43.30 -0.79 0.00	40.43 -0.74 0.00	37.46 -0.66 0.00
E_CANADA_CAP_HY 24051	36.68 1.62 0.00	37.48 1.63 0.00	36.22 1.50 0.00	36.79 1.48 0.00	37.65 1.50 0.00	40.47 1.56 0.00	56.55 2.28 0.00	77.85 2.99 0.00	83.10 2.83 0.00	37.36 0.98 0.00	32.84 0.86 0.00	29.68 0.83 0.00	28.17 0.96 0.00	33.36 1.42 0.00	33.46 1.44 0.00	33.79 1.12 0.00	33.96 1.26 0.00	37.83 1.44 0.00	44.31 1.68 0.00	55.28 2.27 0.00	47.55 1.95 0.00	45.91 1.81 0.00	42.97 1.80 0.00	39.81 1.69 0.00
E_CANADA_MHWK_HY 24050	34.97 -0.09 0.00	35.79 -0.07 0.00	34.63 -0.09 0.00	35.21 -0.09 0.00	36.11 -0.03 0.00	39.00 0.09 0.00	54.55 0.27 0.00	75.31 0.45 0.00	79.93 -0.34 0.00	35.28 -1.10 0.00	30.78 -1.20 0.00	27.73 -1.13 0.00	26.04 -1.17 0.00	31.17 -0.77 0.00	31.51 -0.52 0.00	31.82 -0.85 0.00	32.37 -0.33 0.00	36.37 -0.01 0.00	42.69 0.07 0.00	53.07 0.06 0.00	45.65 0.06 0.00	44.11 0.01 0.00	40.90 -0.27 0.00	37.73 -0.39 0.00
E_FISHKILL____LBMP 23776	36.22 1.16 0.00	37.06 1.22 0.00	35.95 1.23 0.00	36.59 1.29 0.00	37.47 1.33 0.00	40.46 1.55 0.00	56.44 2.17 0.00	77.88 3.02 0.00	83.37 3.10 0.00	37.71 1.32 0.00	33.06 1.08 0.00	29.82 0.97 0.00	28.07 0.85 0.00	32.87 0.93 0.00	32.98 0.95 0.00	33.77 1.10 0.00	33.95 1.25 0.00	37.88 1.50 0.00	44.59 1.97 0.00	55.42 2.42 0.00	47.57 1.98 0.00	45.98 1.88 0.00	42.65 1.48 0.00	39.37 1.25 0.00
FALCON____SEABRD_CC1 323796	34.09 -0.97 0.00	35.02 -0.83 0.00	33.95 -0.77 0.00	34.66 -0.64 0.00	35.52 -0.63 0.00	38.08 -0.83 0.00	52.67 -1.61 0.00	73.91 -0.95 0.00	79.95 -0.32 0.00	36.21 -0.18 0.00	31.95 -0.03 0.00	28.56 -0.30 0.00	26.45 -0.76 0.00	30.80 -1.14 0.00	-11.96 -1.16 42.83	31.69 -0.97 0.00	31.69 -1.01 0.00	29.23 -1.41 5.75	-23.81 -1.18 65.25	-23.76 -1.54 75.23	-21.86 -1.51 65.94	-21.29 -1.22 64.17	-23.03 -1.01 63.19	-20.74 -1.22 57.64

FALCON___SEABRD_CC2 323797	34.09 -0.97 0.00	35.02 -0.83 0.00	33.95 -0.77 0.00	34.66 -0.64 0.00	35.52 -0.63 0.00	38.08 -0.83 0.00	52.67 -1.61 0.00	73.91 -0.95 0.00	79.95 -0.32 0.00	36.21 -0.18 0.00	31.95 -0.03 0.00	28.56 -0.30 0.00	26.45 -0.76 0.00	30.80 -1.14 0.00	-11.96 -1.16 42.83	31.69 -0.97 0.00	31.69 -1.01 0.00	29.23 -1.41 5.75	-23.81 -1.18 65.25	-23.76 -1.54 75.23	-21.86 -1.51 65.94	-21.29 -1.22 64.17	-23.03 -1.01 63.19	-20.74 -1.22 57.64
FAR ROCKAWAY___4 23548	37.01 1.95 0.00	37.90 2.05 0.00	36.79 2.07 0.00	37.46 2.16 0.00	38.37 2.23 0.00	41.59 2.69 0.00	57.98 3.71 0.00	79.81 4.95 0.00	85.53 5.26 0.00	38.71 2.32 0.00	33.92 1.94 0.00	30.50 1.65 0.00	28.72 1.51 0.00	33.60 1.65 0.00	33.64 1.61 0.00	59.01 2.06 -24.28	34.86 2.15 0.00	38.85 2.47 0.00	45.85 3.23 0.00	56.83 3.82 0.00	48.57 2.98 0.00	47.12 3.03 0.00	43.72 2.56 0.00	40.32 2.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.52 1.47 0.00	37.37 1.52 0.00	36.27 1.55 0.00	36.89 1.59 0.00	37.77 1.63 0.00	40.85 1.94 0.00	56.94 2.66 0.00	78.54 3.68 0.00	84.09 3.82 0.00	38.12 1.74 0.00	33.49 1.51 0.00	30.24 1.38 0.00	28.46 1.25 0.00	33.28 1.34 0.00	33.38 1.35 0.00	34.22 1.55 0.00	34.38 1.68 0.00	38.35 1.97 0.00	45.14 2.51 0.00	56.09 3.09 0.00	48.11 2.52 0.00	46.53 2.43 0.00	43.12 1.96 0.00	39.78 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.55 1.49 0.00	37.39 1.55 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.78 1.64 0.00	40.87 1.96 0.00	56.97 2.69 0.00	78.57 3.71 0.00	84.12 3.85 0.00	38.13 1.75 0.00	33.50 1.52 0.00	30.24 1.39 0.00	28.47 1.26 0.00	33.28 1.34 0.00	33.39 1.37 0.00	34.24 1.57 0.00	34.39 1.69 0.00	38.37 1.99 0.00	45.16 2.53 0.00	56.11 3.11 0.00	48.14 2.55 0.00	46.55 2.46 0.00	43.14 1.97 0.00	39.79 1.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.51 1.45 0.00	37.36 1.51 0.00	36.25 1.54 0.00	36.88 1.58 0.00	37.76 1.62 0.00	40.84 1.93 0.00	56.92 2.64 0.00	78.51 3.65 0.00	84.05 3.78 0.00	38.10 1.71 0.00	33.47 1.48 0.00	30.22 1.37 0.00	28.44 1.23 0.00	33.26 1.32 0.00	33.36 1.34 0.00	34.20 1.53 0.00	34.36 1.66 0.00	38.34 1.96 0.00	45.12 2.49 0.00	56.06 3.05 0.00	48.09 2.49 0.00	46.50 2.41 0.00	43.10 1.93 0.00	39.75 1.63 0.00
FARRAGUT___LBMP 323566	36.49 1.43 0.00	37.34 1.49 0.00	36.24 1.52 0.00	36.86 1.56 0.00	37.74 1.59 0.00	40.81 1.90 0.00	56.88 2.60 0.00	78.46 3.60 0.00	84.00 3.73 0.00	38.07 1.69 0.00	33.45 1.46 0.00	30.20 1.35 0.00	28.42 1.22 0.00	33.23 1.29 0.00	33.35 1.32 0.00	34.18 1.51 0.00	34.34 1.64 0.00	38.31 1.93 0.00	45.09 2.46 0.00	56.03 3.02 0.00	48.05 2.46 0.00	46.48 2.38 0.00	43.07 1.90 0.00	39.74 1.62 0.00
FENNER___WINDPWR 24204	36.01 0.12 -0.84	35.92 0.07 0.00	34.77 0.05 0.00	35.33 0.03 0.00	36.22 0.07 0.00	38.99 0.08 0.00	54.53 0.25 0.00	76.58 0.41 -1.31	80.61 0.34 0.00	36.49 0.11 0.00	32.12 0.13 0.00	28.94 0.08 0.00	27.38 0.17 0.00	32.18 0.24 0.00	32.28 0.26 0.00	32.94 0.27 0.00	33.01 0.31 0.00	36.68 0.30 0.00	42.95 0.33 0.00	53.49 0.49 0.00	46.03 0.44 0.00	44.42 0.32 0.00	41.43 0.26 0.00	38.36 0.24 0.00
FIBERTEK___ENERGY 23856	34.62 -0.44 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.48 -0.43 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.49 -0.78 0.00	36.07 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.14 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.64 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.72 -0.28 0.00	45.34 -0.26 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.85 -0.27 0.00
FITZPATRICK____ 23598	33.98 -1.08 0.00	34.77 -1.07 0.00	33.71 -1.01 0.00	34.26 -1.04 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.67 -1.60 0.00	72.61 -2.25 0.00	77.90 -2.37 0.00	35.35 -1.03 0.00	31.13 -0.85 0.00	28.12 -0.74 0.00	26.55 -0.66 0.00	31.20 -0.74 0.00	31.29 -0.73 0.00	31.92 -0.75 0.00	31.88 -0.82 0.00	35.38 -1.00 0.00	41.35 -1.28 0.00	51.43 -1.57 0.00	44.23 -1.36 0.00	42.73 -1.36 0.00	39.92 -1.25 0.00	37.00 -1.12 0.00
FLOWRFLD_69_KV_BK1 356044	36.50 1.44 0.00	37.45 1.60 0.00	36.45 1.73 0.00	37.19 1.89 0.00	38.11 1.96 0.00	41.50 2.60 0.00	58.01 3.74 0.00	79.78 4.93 0.00	85.49 5.22 0.00	38.54 2.15 0.00	33.63 1.64 0.00	30.05 1.20 0.00	28.23 1.02 0.00	32.99 1.05 0.00	33.12 1.09 0.00	35.66 1.51 -1.48	34.56 1.86 0.00	38.51 2.12 0.00	45.53 2.91 0.00	56.33 3.32 0.00	47.78 2.19 0.00	46.59 2.50 0.00	43.15 1.99 0.00	39.72 1.60 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.61 1.55 0.00	37.45 1.61 0.00	36.33 1.61 0.00	36.96 1.66 0.00	37.86 1.72 0.00	40.89 1.98 0.00	57.06 2.79 0.00	78.78 3.92 0.00	84.33 4.06 0.00	38.10 1.71 0.00	33.37 1.39 0.00	30.10 1.24 0.00	28.29 1.08 0.00	33.17 1.23 0.00	33.30 1.28 0.00	34.08 1.41 0.00	34.30 1.60 0.00	38.29 1.91 0.00	45.12 2.49 0.00	56.12 3.12 0.00	48.17 2.58 0.00	46.54 2.45 0.00	43.16 1.99 0.00	39.82 1.70 0.00
FORT ORANGE____ 23900	35.78 0.73 0.00	36.61 0.76 0.00	35.47 0.75 0.00	36.09 0.79 0.00	36.96 0.82 0.00	39.83 0.92 0.00	55.53 1.26 0.00	76.69 1.82 0.00	81.99 1.72 0.00	36.93 0.55 0.00	32.33 0.35 0.00	29.15 0.30 0.00	27.45 0.24 0.00	32.25 0.31 0.00	32.50 0.47 0.00	33.18 0.51 0.00	33.34 0.64 0.00	37.27 0.89 0.00	43.80 1.17 0.00	54.36 1.35 0.00	46.75 1.16 0.00	45.20 1.11 0.00	42.04 0.87 0.00	38.89 0.77 0.00
FORT_DRUM_COGEN 23780	35.13 0.07 0.00	35.65 -0.20 0.00	34.00 -0.72 0.00	34.19 -1.11 0.00	35.08 -1.06 0.00	37.70 -1.20 0.00	52.79 -1.49 0.00	73.01 -1.85 0.00	77.88 -2.39 0.00	35.23 -1.15 0.00	30.86 -1.12 0.00	27.84 -1.01 0.00	26.67 -0.53 0.00	31.72 -0.22 0.00	33.18 -0.62 -1.78	31.93 -0.74 0.00	31.95 -0.75 0.00	35.87 -0.75 -0.24	44.52 -0.81 -2.71	55.69 -0.44 -3.12	48.27 -0.06 -2.74	46.51 -0.25 -2.66	43.57 -0.21 -2.62	40.27 -0.24 -2.39
FOX_HILLS___ESR 323835	57.29 1.73 -20.50	56.48 1.83 -18.80	55.35 1.85 -18.79	55.35 1.90 -18.15	55.34 1.94 -17.26	55.35 2.25 -14.20	61.46 3.05 -4.14	78.86 3.99 -0.01	90.93 4.22 -6.45	56.61 2.00 -18.22	56.33 1.74 -22.60	55.05 1.59 -24.60	54.56 1.47 -25.88	54.62 1.60 -21.08	54.69 1.61 -21.04	63.23 1.81 -28.76	55.01 1.92 -20.39	58.89 2.20 -20.30	56.12 2.78 -10.71	67.15 3.47 -10.68	61.16 2.87 -12.70	60.54 2.76 -13.69	56.99 2.30 -13.53	56.36 2.00 -16.25
FPL FAR_ROCK_GT1 24212	37.00 1.94 0.00	37.90 2.05 0.00	36.78 2.07 0.00	37.45 2.15 0.00	38.37 2.23 0.00	41.58 2.68 0.00	57.98 3.70 0.00	79.79 4.93 0.00	85.48 5.21 0.00	38.70 2.32 0.00	33.91 1.93 0.00	30.50 1.65 0.00	28.72 1.51 0.00	33.60 1.66 0.00	33.64 1.61 0.00	59.02 2.07 -24.28	34.84 2.14 0.00	38.83 2.45 0.00	45.85 3.23 0.00	56.82 3.82 0.00	48.56 2.97 0.00	47.13 3.04 0.00	43.73 2.56 0.00	40.32 2.19 0.00

FPL FAR_ROCK_GT2 23815	37.00 1.94 0.00	37.90 2.05 0.00	36.78 2.07 0.00	37.45 2.15 0.00	38.37 2.23 0.00	41.58 2.68 0.00	57.98 3.70 0.00	79.79 4.93 0.00	85.48 5.21 0.00	38.70 2.32 0.00	33.91 1.93 0.00	30.50 1.65 0.00	28.72 1.51 0.00	33.60 1.66 0.00	33.64 1.61 0.00	59.02 2.07 -24.28	34.84 2.14 0.00	38.83 2.45 0.00	45.85 3.23 0.00	56.82 3.82 0.00	48.56 2.97 0.00	47.13 3.04 0.00	43.73 2.56 0.00	40.32 2.19 0.00
FRANKLIN_FALL_HYD 24054	34.98 -0.08 0.00	35.82 -0.03 0.00	34.55 -0.17 0.00	35.17 -0.13 0.00	35.95 -0.20 0.00	38.57 -0.34 0.00	53.70 -0.58 0.00	74.71 -0.15 0.00	80.46 0.19 0.00	36.53 0.15 0.00	32.11 0.13 0.00	28.78 -0.08 0.00	26.92 -0.29 0.00	31.36 -0.58 0.00	59.48 -0.60 -28.06	32.16 -0.51 0.00	32.17 -0.53 0.00	39.40 -0.74 -3.76	84.42 -0.91 -42.70	101.23 -1.01 -49.23	87.96 -0.79 -43.16	85.49 -0.61 -42.00	82.22 -0.30 -41.35	75.54 -0.30 -37.72
FREEPORT_EQUUS_GT1 23764	36.69 1.63 0.00	37.57 1.73 0.00	36.49 1.77 0.00	37.15 1.85 0.00	38.06 1.92 0.00	41.30 2.40 0.00	57.59 3.32 0.00	79.26 4.40 0.00	84.81 4.54 0.00	38.42 2.04 0.00	33.63 1.65 0.00	30.19 1.33 0.00	28.41 1.20 0.00	33.24 1.30 0.00	33.29 1.26 0.00	43.96 1.70 -9.59	34.53 1.83 0.00	38.46 2.08 0.00	45.45 2.82 0.00	56.32 3.31 0.00	48.07 2.48 0.00	46.68 2.59 0.00	43.29 2.12 0.00	39.91 1.79 0.00
FREEPORT___CT2 23818	36.69 1.63 0.00	37.57 1.73 0.00	36.49 1.77 0.00	37.15 1.85 0.00	38.06 1.92 0.00	41.30 2.40 0.00	57.59 3.32 0.00	79.26 4.40 0.00	84.81 4.54 0.00	38.42 2.04 0.00	33.63 1.65 0.00	30.19 1.33 0.00	28.41 1.20 0.00	33.24 1.30 0.00	33.29 1.26 0.00	43.96 1.70 -9.59	34.53 1.83 0.00	38.46 2.08 0.00	45.45 2.82 0.00	56.32 3.31 0.00	48.07 2.48 0.00	46.68 2.59 0.00	43.29 2.12 0.00	39.91 1.79 0.00
FRESHKLS_33_KV_LOAD 356253	57.29 1.73 -20.50	56.46 1.81 -18.80	55.34 1.84 -18.79	55.35 1.89 -18.15	55.34 1.94 -17.26	55.35 2.25 -14.20	61.45 3.04 -4.14	78.79 3.92 -0.01	90.88 4.17 -6.45	56.55 1.95 -18.22	56.27 1.69 -22.60	54.99 1.53 -24.60	54.50 1.41 -25.88	54.56 1.54 -21.08	54.61 1.54 -21.04	63.18 1.75 -28.76	54.94 1.85 -20.39	58.81 2.12 -20.30	56.03 2.69 -10.71	67.05 3.36 -10.68	61.07 2.78 -12.70	60.47 2.69 -13.69	56.96 2.26 -13.53	56.34 1.98 -16.25
FULTON COGEN____ 23766	34.24 -0.81 0.00	35.01 -0.84 0.00	33.93 -0.79 0.00	34.48 -0.82 0.00	35.30 -0.85 0.00	37.97 -0.94 0.00	53.05 -1.23 0.00	73.11 -1.75 0.00	78.42 -1.85 0.00	35.58 -0.80 0.00	31.35 -0.63 0.00	28.34 -0.52 0.00	26.72 -0.49 0.00	31.45 -0.49 0.00	31.55 -0.47 0.00	32.19 -0.48 0.00	32.13 -0.57 0.00	35.64 -0.75 0.00	41.70 -0.93 0.00	51.97 -1.03 0.00	44.69 -0.90 0.00	43.13 -0.96 0.00	40.26 -0.91 0.00	37.30 -0.82 0.00
FULTON___LFGE 323630	36.91 1.86 0.00	37.72 1.87 0.00	36.48 1.76 0.00	37.07 1.77 0.00	37.96 1.81 0.00	40.85 1.94 0.00	57.10 2.83 0.00	78.63 3.77 0.00	83.29 3.02 0.00	36.86 0.47 0.00	32.26 0.28 0.00	29.17 0.31 0.00	27.66 0.45 0.00	33.13 1.19 0.00	33.41 1.38 0.00	33.47 0.81 0.00	34.16 1.46 0.00	38.18 1.80 0.00	44.80 2.17 0.00	55.89 2.89 0.00	48.07 2.48 0.00	46.44 2.34 0.00	43.34 2.17 0.00	40.08 1.96 0.00
G.F.CEMENT___DRP 24184	36.71 1.65 0.00	37.57 1.73 0.00	36.38 1.67 0.00	37.03 1.74 0.00	37.95 1.81 0.00	40.91 2.00 0.00	57.47 3.19 0.00	80.32 5.46 0.00	85.94 5.67 0.00	38.09 1.71 0.00	32.93 0.94 0.00	29.55 0.70 0.00	27.80 0.59 0.00	33.09 1.15 0.00	33.73 1.71 0.00	34.37 1.71 0.00	34.87 2.17 0.00	39.33 2.95 0.00	46.19 3.56 0.00	57.35 4.34 0.00	49.40 3.81 0.00	47.69 3.59 0.00	44.30 3.14 0.00	41.04 2.92 0.00
GARDENVILLE___LBMP 24039	26.46 -2.96 5.64	31.34 -2.99 1.52	27.09 -2.76 4.87	26.86 -2.86 5.58	27.24 -2.98 5.93	29.62 -3.41 5.87	43.49 -4.42 6.37	57.11 -6.81 10.95	64.45 -6.93 8.89	28.66 -2.58 5.14	26.21 -1.87 3.90	22.92 -1.44 4.50	22.37 -0.88 3.96	30.95 -0.99 0.00	29.38 -1.18 1.46	26.98 -1.37 4.31	25.68 -1.83 5.19	28.43 -2.16 5.79	33.37 -2.71 6.54	41.98 -3.35 7.67	38.05 -2.83 4.71	40.33 -2.72 1.04	39.34 -1.83 0.00	36.69 -1.43 0.00
GARDNVLA_35_KV_LD 355827	26.97 -2.75 5.33	31.67 -2.78 1.40	27.65 -2.56 4.51	27.46 -2.67 5.16	27.87 -2.79 5.49	30.26 -3.20 5.44	44.26 -4.12 5.90	58.16 -6.39 10.31	65.59 -6.45 8.23	29.28 -2.35 4.76	26.72 -1.65 3.61	23.44 -1.25 4.16	22.85 -0.70 3.67	31.18 -0.76 0.00	29.73 -0.95 1.35	27.53 -1.15 3.99	26.28 -1.62 4.80	29.09 -1.93 5.36	34.11 -2.46 6.06	42.86 -3.05 7.10	38.67 -2.56 4.36	40.67 -2.47 0.96	39.57 -1.60 0.00	36.91 -1.22 0.00
GELCKHM___115KV_LOAD 80723	34.42 -0.64 0.00	35.21 -0.64 0.00	34.15 -0.57 0.00	34.73 -0.58 0.00	35.55 -0.59 0.00	38.23 -0.68 0.00	53.41 -0.87 0.00	73.59 -1.27 0.00	78.94 -1.33 0.00	35.84 -0.54 0.00	31.57 -0.42 0.00	28.52 -0.33 0.00	26.92 -0.29 0.00	31.67 -0.27 0.00	31.78 -0.25 0.00	32.43 -0.24 0.00	32.39 -0.31 0.00	35.97 -0.42 0.00	42.05 -0.57 0.00	52.33 -0.68 0.00	45.00 -0.60 0.00	43.44 -0.65 0.00	40.57 -0.59 0.00	37.59 -0.52 0.00
GENERAL___MILLS 23808	26.78 -2.84 5.44	31.54 -2.87 1.44	27.45 -2.64 4.63	27.25 -2.75 5.30	27.63 -2.87 5.64	30.03 -3.29 5.59	43.97 -4.25 6.06	57.76 -6.58 10.53	65.14 -6.67 8.46	29.04 -2.46 4.89	26.52 -1.75 3.71	23.23 -1.35 4.28	22.66 -0.78 3.77	31.07 -0.87 0.00	29.58 -1.06 1.39	27.31 -1.26 4.10	26.05 -1.72 4.93	28.83 -2.04 5.51	33.81 -2.59 6.22	42.52 -3.20 7.29	38.42 -2.69 4.48	40.53 -2.58 0.99	39.46 -1.70 0.00	36.81 -1.31 0.00
GE_PLASTICS___DRP 24183	35.65 0.60 0.00	36.47 0.62 0.00	35.34 0.63 0.00	35.96 0.66 0.00	36.82 0.68 0.00	39.68 0.78 0.00	55.32 1.05 0.00	76.36 1.50 0.00	81.71 1.45 0.00	36.89 0.51 0.00	32.35 0.37 0.00	29.17 0.32 0.00	27.48 0.26 0.00	32.27 0.33 0.00	32.45 0.43 0.00	33.11 0.44 0.00	33.28 0.58 0.00	37.13 0.75 0.00	43.60 0.97 0.00	54.12 1.12 0.00	46.54 0.95 0.00	45.01 0.91 0.00	41.87 0.71 0.00	38.73 0.61 0.00
GILBOA___1 23756	35.62 0.57 0.00	36.45 0.60 0.00	35.33 0.61 0.00	35.94 0.64 0.00	36.82 0.67 0.00	39.67 0.76 0.00	55.35 1.07 0.00	76.36 1.50 0.00	81.79 1.52 0.00	36.97 0.59 0.00	32.44 0.46 0.00	29.26 0.41 0.00	27.57 0.37 0.00	32.47 0.53 0.00	32.48 0.45 0.00	33.18 0.52 0.00	33.32 0.62 0.00	37.16 0.77 0.00	43.63 1.01 0.00	54.21 1.20 0.00	46.59 1.00 0.00	45.04 0.95 0.00	41.91 0.74 0.00	38.75 0.64 0.00
GILBOA___2 23757	35.62 0.57 0.00	36.45 0.60 0.00	35.33 0.61 0.00	35.94 0.64 0.00	36.82 0.67 0.00	39.67 0.76 0.00	55.35 1.07 0.00	76.36 1.50 0.00	81.79 1.52 0.00	36.97 0.59 0.00	32.44 0.46 0.00	29.26 0.41 0.00	27.57 0.37 0.00	32.47 0.53 0.00	32.48 0.45 0.00	33.18 0.52 0.00	33.32 0.62 0.00	37.16 0.77 0.00	43.63 1.01 0.00	54.21 1.20 0.00	46.59 1.00 0.00	45.04 0.95 0.00	41.91 0.74 0.00	38.75 0.64 0.00

GILBOA___3 23758	35.62 0.57 0.00	36.45 0.60 0.00	35.33 0.61 0.00	35.94 0.64 0.00	36.82 0.67 0.00	39.67 0.76 0.00	55.35 1.07 0.00	76.36 1.50 0.00	81.79 1.52 0.00	36.97 0.59 0.00	32.44 0.46 0.00	29.26 0.41 0.00	27.57 0.37 0.00	32.47 0.53 0.00	32.48 0.45 0.00	33.18 0.52 0.00	33.32 0.62 0.00	37.16 0.77 0.00	43.63 1.01 0.00	54.21 1.20 0.00	46.59 1.00 0.00	45.04 0.95 0.00	41.91 0.74 0.00	38.75 0.64 0.00
GILBOA___4 23759	35.62 0.57 0.00	36.45 0.60 0.00	35.33 0.61 0.00	35.94 0.64 0.00	36.82 0.67 0.00	39.67 0.76 0.00	55.35 1.07 0.00	76.36 1.50 0.00	81.79 1.52 0.00	36.97 0.59 0.00	32.44 0.46 0.00	29.26 0.41 0.00	27.57 0.37 0.00	32.47 0.53 0.00	32.48 0.45 0.00	33.18 0.52 0.00	33.32 0.62 0.00	37.16 0.77 0.00	43.63 1.01 0.00	54.21 1.20 0.00	46.59 1.00 0.00	45.04 0.95 0.00	41.91 0.74 0.00	38.75 0.64 0.00
GILBOA___ 23599	35.62 0.57 0.00	36.46 0.60 0.00	35.33 0.61 0.00	35.94 0.64 0.00	36.81 0.67 0.00	39.68 0.77 0.00	55.36 1.08 0.00	76.37 1.51 0.00	81.79 1.53 0.00	36.98 0.59 0.00	32.45 0.47 0.00	29.27 0.41 0.00	27.57 0.37 0.00	32.47 0.53 0.00	32.48 0.45 0.00	33.19 0.52 0.00	33.33 0.63 0.00	37.16 0.78 0.00	43.64 1.01 0.00	54.20 1.20 0.00	46.59 1.00 0.00	45.04 0.94 0.00	41.91 0.74 0.00	38.76 0.64 0.00
GINNA___ 23603	31.51 -2.95 0.60	32.82 -3.03 0.00	31.86 -2.86 0.00	32.39 -2.92 0.00	33.15 -3.00 0.00	35.58 -3.33 0.00	49.82 -4.46 0.00	67.48 -6.44 0.94	73.64 -6.63 0.00	33.68 -2.70 0.00	29.74 -2.25 0.00	26.93 -1.93 0.00	25.72 -1.49 0.00	30.22 -1.73 0.00	30.26 -1.77 0.00	30.78 -1.89 0.00	30.55 -2.16 0.00	33.94 -2.44 0.00	39.70 -2.93 0.00	49.39 -3.62 0.00	42.49 -3.10 0.00	40.95 -3.14 0.00	38.47 -2.70 0.00	35.67 -2.45 0.00
GLEN PARK___ 23778	35.28 0.22 0.00	35.81 -0.04 0.00	34.17 -0.55 0.00	34.37 -0.93 0.00	35.26 -0.88 0.00	37.91 -0.99 0.00	53.09 -1.18 0.00	73.41 -1.45 0.00	78.27 -2.00 0.00	35.38 -1.01 0.00	30.99 -0.99 0.00	27.98 -0.88 0.00	26.79 -0.41 0.00	31.89 -0.05 0.00	33.28 -0.44 -1.69	32.12 -0.55 0.00	32.14 -0.56 0.00	36.08 -0.53 -0.23	44.67 -0.53 -2.57	55.90 -0.06 -2.96	48.43 0.24 -2.60	46.65 0.03 -2.53	43.69 0.03 -2.48	40.37 -0.02 -2.27
GLENDALE_27_KV_LOAD 356172	36.86 1.71 -0.09	37.63 1.77 -0.01	36.51 1.78 -0.01	37.13 1.83 0.00	38.01 1.87 0.00	41.09 2.19 0.00	57.29 3.02 0.00	79.00 4.14 -0.01	84.60 4.33 0.00	38.39 2.00 0.00	34.03 1.75 -0.31	31.36 1.61 -0.90	28.68 1.46 -0.01	33.54 1.59 0.00	33.65 1.62 -0.01	34.49 1.81 0.00	34.62 1.92 0.00	38.62 2.23 0.00	45.46 2.83 0.00	56.52 3.51 0.00	48.49 2.90 -0.01	46.89 2.79 -0.01	43.47 2.30 -0.01	40.09 1.97 -0.01
GLENWOOD_IC_1_G5 23712	36.74 1.69 0.00	37.62 1.77 0.00	36.53 1.81 0.00	37.20 1.90 0.00	38.11 1.96 0.00	41.31 2.41 0.00	57.63 3.36 0.00	79.33 4.47 0.00	85.02 4.75 0.00	38.45 2.06 0.00	33.69 1.71 0.00	30.28 1.42 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.38 1.35 0.00	40.96 1.78 -6.52	34.57 1.87 0.00	38.54 2.15 0.00	45.48 2.86 0.00	56.37 3.37 0.00	48.16 2.57 0.00	46.72 2.63 0.00	43.32 2.15 0.00	39.94 1.82 0.00
GLENWOOD_IC_2_G1 23688	36.67 1.62 0.00	37.55 1.70 0.00	36.46 1.74 0.00	37.13 1.83 0.00	38.04 1.89 0.00	41.22 2.32 0.00	57.50 3.22 0.00	79.16 4.29 0.00	84.79 4.52 0.00	38.37 1.99 0.00	33.62 1.64 0.00	30.21 1.36 0.00	28.43 1.23 0.00	33.27 1.32 0.00	33.34 1.31 0.00	37.26 1.69 -2.91	34.49 1.79 0.00	38.44 2.06 0.00	45.38 2.75 0.00	56.26 3.26 0.00	48.06 2.47 0.00	46.63 2.53 0.00	43.23 2.07 0.00	39.87 1.75 0.00
GLENWOOD_IC_3_G1 23689	36.67 1.62 0.00	37.55 1.70 0.00	36.46 1.74 0.00	37.13 1.83 0.00	38.04 1.89 0.00	41.22 2.32 0.00	57.50 3.22 0.00	79.16 4.29 0.00	84.79 4.52 0.00	38.37 1.99 0.00	33.62 1.64 0.00	30.21 1.36 0.00	28.43 1.23 0.00	33.27 1.32 0.00	33.34 1.31 0.00	37.26 1.69 -2.91	34.49 1.79 0.00	38.44 2.06 0.00	45.38 2.75 0.00	56.26 3.26 0.00	48.06 2.47 0.00	46.63 2.53 0.00	43.23 2.07 0.00	39.87 1.75 0.00
GLENWOOD___4 23550	36.74 1.69 0.00	37.62 1.77 0.00	36.53 1.81 0.00	37.20 1.90 0.00	38.11 1.96 0.00	41.31 2.41 0.00	57.63 3.36 0.00	79.33 4.47 0.00	85.02 4.75 0.00	38.45 2.06 0.00	33.69 1.71 0.00	30.28 1.42 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.38 1.35 0.00	40.96 1.78 -6.52	34.57 1.87 0.00	38.54 2.15 0.00	45.48 2.86 0.00	56.37 3.37 0.00	48.16 2.57 0.00	46.72 2.63 0.00	43.32 2.15 0.00	39.94 1.82 0.00
GLENWOOD___5 23614	36.74 1.69 0.00	37.62 1.77 0.00	36.53 1.81 0.00	37.20 1.90 0.00	38.11 1.96 0.00	41.31 2.41 0.00	57.63 3.36 0.00	79.33 4.47 0.00	85.02 4.75 0.00	38.45 2.06 0.00	33.69 1.71 0.00	30.28 1.42 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.38 1.35 0.00	40.96 1.78 -6.52	34.57 1.87 0.00	38.54 2.15 0.00	45.48 2.86 0.00	56.37 3.37 0.00	48.16 2.57 0.00	46.72 2.63 0.00	43.32 2.15 0.00	39.94 1.82 0.00
GLOBAL GREEN_PORT_GT1 23814	35.51 0.45 0.00	36.92 1.07 0.00	35.91 1.19 0.00	36.62 1.32 0.00	37.51 1.37 0.00	41.53 2.63 0.00	58.21 3.94 0.00	80.40 5.54 0.00	85.05 4.78 0.00	37.95 1.57 0.00	32.95 0.97 0.00	29.29 0.44 0.00	27.74 0.53 0.00	32.63 0.69 0.00	32.74 0.71 0.00	35.32 1.25 -1.40	34.38 1.68 0.00	38.44 2.05 0.00	45.54 2.92 0.00	55.65 2.64 0.00	46.37 0.78 0.00	45.21 1.11 0.00	41.83 0.66 0.00	38.45 0.33 0.00
GLOBE___DSASP 323697	24.51 -3.96 6.59	29.94 -4.05 1.86	24.91 -3.82 5.99	24.49 -3.95 6.86	24.73 -4.12 7.29	27.01 -4.67 7.22	40.21 -6.24 7.83	52.48 -9.46 12.91	59.67 -9.67 10.93	26.38 -3.68 6.32	24.37 -2.82 4.79	21.04 -2.28 5.53	20.66 -1.68 4.87	29.97 -1.98 0.00	28.14 -2.09 1.80	25.05 -2.32 5.30	23.48 -2.84 6.37	25.94 -3.32 7.12	30.44 -4.14 8.05	38.34 -5.24 9.43	35.38 -4.42 5.79	38.53 -4.28 1.28	37.91 -3.26 0.00	35.33 -2.79 0.00
GOETHSLN___LBMP 323567	36.28 1.23 0.00	37.12 1.27 0.00	36.01 1.30 0.00	36.64 1.34 0.00	37.53 1.39 0.00	40.59 1.69 0.00	56.58 2.30 0.00	78.03 3.17 0.00	83.48 3.20 0.00	37.85 1.46 0.00	33.24 1.26 0.00	30.04 1.18 0.00	28.26 1.06 0.00	33.03 1.09 0.00	33.13 1.11 0.00	33.96 1.29 0.00	34.13 1.43 0.00	38.08 1.70 0.00	44.83 2.21 0.00	55.75 2.74 0.00	47.78 2.19 0.00	46.21 2.12 0.00	42.81 1.64 0.00	39.48 1.37 0.00
GOLAH___69_KV_TB 1_2 80279	31.41 -1.78 1.86	33.64 -1.82 0.39	31.77 -1.69 1.26	32.10 -1.76 1.44	32.77 -1.85 1.53	35.25 -2.14 1.52	49.92 -2.71 1.65	67.27 -4.13 3.46	73.90 -4.08 2.30	33.56 -1.50 1.33	29.77 -1.20 1.00	26.81 -0.88 1.16	25.83 -0.36 1.02	31.55 -0.39 0.00	31.18 -0.48 0.38	30.93 -0.63 1.11	30.41 -0.95 1.34	33.74 -1.15 1.49	39.52 -1.42 1.69	49.38 -1.65 1.98	42.99 -1.39 1.22	42.37 -1.46 0.27	40.16 -1.01 0.00	37.28 -0.84 0.00

GOODYEAR_LAKE_HYD 323669	36.09 1.03 0.00	36.85 1.00 0.00	35.71 1.00 0.00	36.29 0.99 0.00	37.20 1.06 0.00	40.07 1.17 0.00	55.98 1.71 0.00	77.14 2.28 0.00	82.69 2.42 0.00	37.47 1.09 0.00	32.95 0.97 0.00	29.76 0.91 0.00	28.11 0.90 0.00	33.07 1.13 0.00	33.04 1.02 0.00	33.73 1.06 0.00	33.77 1.07 0.00	37.61 1.23 0.00	44.11 1.48 0.00	54.90 1.90 0.00	47.14 1.55 0.00	45.54 1.45 0.00	42.46 1.29 0.00	39.29 1.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.86 -0.61 0.60	35.20 -0.64 0.00	34.20 -0.52 0.00	34.76 -0.54 0.00	35.62 -0.52 0.00	38.31 -0.59 0.00	53.56 -0.72 0.00	72.82 -1.10 0.94	79.24 -1.03 0.00	35.88 -0.51 0.00	31.63 -0.36 0.00	28.60 -0.26 0.00	27.01 -0.20 0.00	31.75 -0.19 0.00	31.78 -0.24 0.00	32.50 -0.17 0.00	32.50 -0.20 0.00	36.17 -0.22 0.00	42.28 -0.34 0.00	52.62 -0.39 0.00	45.17 -0.42 0.00	43.61 -0.48 0.00	40.73 -0.44 0.00	37.80 -0.32 0.00
GOUDEY___7 23579	33.86 -0.61 0.60	35.20 -0.64 0.00	34.20 -0.52 0.00	34.76 -0.54 0.00	35.62 -0.52 0.00	38.31 -0.59 0.00	53.56 -0.72 0.00	72.82 -1.10 0.94	79.24 -1.03 0.00	35.88 -0.51 0.00	31.63 -0.36 0.00	28.60 -0.26 0.00	27.01 -0.20 0.00	31.75 -0.19 0.00	31.78 -0.24 0.00	32.50 -0.17 0.00	32.50 -0.20 0.00	36.17 -0.22 0.00	42.28 -0.34 0.00	52.62 -0.39 0.00	45.17 -0.42 0.00	43.61 -0.48 0.00	40.73 -0.44 0.00	37.80 -0.32 0.00
GOUDEY___8 23580	33.86 -0.61 0.60	35.20 -0.64 0.00	34.20 -0.52 0.00	34.76 -0.54 0.00	35.62 -0.52 0.00	38.31 -0.59 0.00	53.56 -0.72 0.00	72.82 -1.10 0.94	79.24 -1.03 0.00	35.88 -0.51 0.00	31.63 -0.36 0.00	28.60 -0.26 0.00	27.01 -0.20 0.00	31.75 -0.19 0.00	31.78 -0.24 0.00	32.50 -0.17 0.00	32.50 -0.20 0.00	36.17 -0.22 0.00	42.28 -0.34 0.00	52.62 -0.39 0.00	45.17 -0.42 0.00	43.61 -0.48 0.00	40.73 -0.44 0.00	37.80 -0.32 0.00
GOWANUS_GT1_1 24077	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_2 24078	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_3 24079	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_4 24080	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_5 24084	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_6 24111	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_7 24112	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT1_8 24113	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_1 24114	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_2 24115	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_3 24116	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25

GOWANUS_GT2_4 24117	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_5 24118	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_6 24119	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_7 24120	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT2_8 24121	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_1 24122	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_2 24123	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_3 24124	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_4 24125	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_5 24126	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_6 24127	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_7 24128	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT3_8 24129	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_1 24130	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_2 24131	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25

GOWANUS_GT4_3 24132	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_4 24133	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_5 24134	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_6 24135	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_7 24136	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GOWANUS_GT4_8 24137	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GREENBSH_115KV_TB3 55895	35.59 0.53 0.00	36.41 0.56 0.00	35.27 0.56 0.00	35.90 0.60 0.00	36.76 0.61 0.00	39.61 0.70 0.00	55.21 0.94 0.00	76.22 1.36 0.00	81.56 1.29 0.00	36.81 0.43 0.00	32.27 0.29 0.00	29.11 0.25 0.00	27.41 0.20 0.00	32.18 0.24 0.00	32.39 0.36 0.00	33.04 0.38 0.00	33.24 0.54 0.00	37.08 0.70 0.00	43.53 0.90 0.00	54.00 0.99 0.00	46.44 0.85 0.00	44.92 0.82 0.00	41.78 0.62 0.00	38.64 0.52 0.00
GREENIDGE_115KV_TB5 80291	40.75 -1.34 -7.03	37.93 -1.38 -3.46	44.64 -1.22 -11.13	46.81 -1.23 -12.74	48.51 -1.19 -13.55	50.95 -1.39 -13.43	66.92 -1.91 -14.55	87.84 -2.83 -15.80	97.76 -2.83 -20.32	47.11 -1.03 -11.75	40.03 -0.86 -8.91	38.26 -0.86 -10.27	35.46 -0.80 -9.05	31.29 -0.66 0.00	34.71 -0.65 -3.34	41.82 -0.70 -9.85	43.70 -0.86 -11.85	48.77 -0.84 -13.23	56.54 -1.04 -14.96	69.19 -1.34 -17.53	55.24 -1.12 -10.77	45.38 -1.10 -2.38	40.42 -0.75 0.00	37.57 -0.55 0.00
GREENIDGE___3 23582	40.75 -1.34 -7.03	37.93 -1.38 -3.46	44.64 -1.22 -11.13	46.81 -1.23 -12.74	48.51 -1.19 -13.55	50.95 -1.39 -13.43	66.92 -1.91 -14.55	87.84 -2.83 -15.80	97.76 -2.83 -20.32	47.11 -1.03 -11.75	40.03 -0.86 -8.91	38.26 -0.86 -10.27	35.46 -0.80 -9.05	31.29 -0.66 0.00	34.71 -0.65 -3.34	41.82 -0.70 -9.85	43.70 -0.86 -11.85	48.77 -0.84 -13.23	56.54 -1.04 -14.96	69.19 -1.34 -17.53	55.24 -1.12 -10.77	45.38 -1.10 -2.38	40.42 -0.75 0.00	37.57 -0.55 0.00
GREENIDGE___4 23583	40.75 -1.33 -7.03	37.94 -1.37 -3.46	44.64 -1.21 -11.13	46.82 -1.22 -12.74	48.52 -1.18 -13.55	50.96 -1.37 -13.43	66.93 -1.90 -14.55	87.85 -2.82 -15.80	97.84 -2.75 -20.32	47.12 -1.01 -11.75	40.04 -0.85 -8.91	38.27 -0.86 -10.27	35.46 -0.80 -9.05	31.29 -0.65 0.00	34.71 -0.65 -3.34	41.83 -0.69 -9.85	43.71 -0.84 -11.85	48.80 -0.82 -13.23	56.54 -1.04 -14.96	69.20 -1.33 -17.53	55.25 -1.11 -10.77	45.37 -1.10 -2.38	40.41 -0.76 0.00	37.57 -0.55 0.00
GREENLWN_69_KV_BK 3 55738	36.42 1.36 0.00	37.33 1.48 0.00	36.29 1.57 0.00	36.97 1.67 0.00	37.88 1.74 0.00	41.08 2.18 0.00	57.26 2.98 0.00	78.71 3.85 0.00	84.38 4.11 0.00	38.20 1.81 0.00	33.46 1.48 0.00	30.01 1.15 0.00	28.23 1.02 0.00	33.01 1.06 0.00	33.08 1.06 0.00	35.79 1.44 -1.68	34.29 1.59 0.00	38.16 1.78 0.00	45.03 2.40 0.00	55.74 2.74 0.00	47.48 1.89 0.00	46.16 2.06 0.00	42.86 1.69 0.00	39.53 1.41 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
GRISSOM___SOLAR 323813	36.86 1.80 0.00	37.67 1.82 0.00	36.44 1.72 0.00	37.04 1.74 0.00	37.92 1.78 0.00	40.83 1.92 0.00	57.07 2.80 0.00	78.60 3.74 0.00	83.08 2.81 0.00	36.59 0.21 0.00	31.99 0.01 0.00	28.93 0.08 0.00	27.43 0.22 0.00	32.98 1.04 0.00	33.29 1.26 0.00	33.27 0.61 0.00	34.12 1.42 0.00	38.17 1.79 0.00	44.82 2.19 0.00	55.89 2.89 0.00	48.07 2.47 0.00	46.44 2.35 0.00	43.31 2.14 0.00	40.05 1.93 0.00
GROVEVILLE___HYD 323602	36.61 1.55 0.00	37.45 1.61 0.00	36.33 1.61 0.00	36.96 1.66 0.00	37.86 1.72 0.00	40.89 1.98 0.00	57.06 2.79 0.00	78.78 3.92 0.00	84.33 4.06 0.00	38.10 1.71 0.00	33.37 1.39 0.00	30.10 1.24 0.00	28.29 1.08 0.00	33.17 1.23 0.00	33.30 1.28 0.00	34.08 1.41 0.00	34.30 1.60 0.00	38.29 1.91 0.00	45.12 2.49 0.00	56.12 3.12 0.00	48.17 2.58 0.00	46.54 2.45 0.00	43.16 1.99 0.00	39.82 1.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.62 -0.44 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.48 -0.43 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.49 -0.78 0.00	36.07 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.14 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.64 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.72 -0.28 0.00	45.34 -0.26 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.85 -0.27 0.00

HAMLTNNY_34_KV_TB 80303	34.61 -0.44 0.00	35.44 -0.41 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.47 -0.44 0.00	53.75 -0.52 0.00	74.08 -0.78 0.00	79.54 -0.73 0.00	36.10 -0.28 0.00	31.81 -0.17 0.00	28.71 -0.14 0.00	27.07 -0.14 0.00	31.93 -0.01 0.00	32.03 0.01 0.00	32.66 -0.01 0.00	32.62 -0.08 0.00	36.23 -0.15 0.00	42.42 -0.21 0.00	52.72 -0.29 0.00	45.34 -0.25 0.00	43.79 -0.31 0.00	40.88 -0.28 0.00	37.89 -0.23 0.00
HAMPSHIRE___PAPER_HYD 323593	34.66 -0.39 0.00	35.29 -0.56 0.00	33.82 -0.90 0.00	34.15 -1.15 0.00	35.00 -1.14 0.00	37.61 -1.29 0.00	52.52 -1.76 0.00	72.66 -2.20 0.00	77.77 -2.51 0.00	35.24 -1.14 0.00	30.91 -1.07 0.00	27.87 -0.98 0.00	26.38 -0.83 0.00	31.05 -0.89 0.00	35.34 -1.12 -4.43	31.53 -1.14 0.00	31.54 -1.16 0.00	35.71 -1.27 -0.59	47.84 -1.53 -6.75	59.20 -1.58 -7.78	51.30 -1.11 -6.82	49.66 -1.07 -6.64	46.88 -0.82 -6.54	43.30 -0.78 -5.96
HARDSCRABBLE_WT_PWR 323673	35.01 -0.05 0.00	35.82 -0.03 0.00	34.65 -0.07 0.00	35.21 -0.09 0.00	36.08 -0.06 0.00	38.93 0.02 0.00	54.44 0.17 0.00	75.19 0.33 0.00	80.02 -0.25 0.00	35.55 -0.83 0.00	31.05 -0.93 0.00	27.97 -0.89 0.00	26.28 -0.93 0.00	31.28 -0.66 0.00	31.67 -0.35 0.00	32.02 -0.65 0.00	32.25 -0.45 0.00	36.17 -0.21 0.00	42.42 -0.20 0.00	52.73 -0.27 0.00	45.36 -0.23 0.00	43.85 -0.25 0.00	40.72 -0.45 0.00	37.60 -0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.28 1.22 0.00	37.08 1.23 0.00	35.97 1.25 0.00	36.60 1.30 0.00	37.53 1.38 0.00	40.53 1.63 0.00	56.54 2.27 0.00	78.00 3.14 0.00	83.48 3.21 0.00	37.71 1.32 0.00	33.05 1.07 0.00	29.83 0.98 0.00	28.07 0.86 0.00	32.92 0.98 0.00	33.01 0.99 0.00	33.79 1.12 0.00	33.97 1.27 0.00	37.96 1.58 0.00	44.71 2.08 0.00	55.63 2.62 0.00	47.71 2.12 0.00	46.11 2.01 0.00	42.75 1.58 0.00	39.42 1.30 0.00
HARSNRAD_115KV_TB1 81005	23.42 -3.55 8.08	29.85 -3.64 2.36	23.71 -3.42 7.59	23.08 -3.54 8.69	23.26 -3.65 9.23	25.60 -4.15 9.15	38.81 -5.54 9.92	50.52 -8.39 15.95	57.87 -8.56 13.85	25.10 -3.27 8.01	23.36 -2.55 6.07	19.84 -2.02 7.00	19.63 -1.42 6.17	30.28 -1.66 0.00	27.98 -1.77 2.27	23.94 -2.02 6.71	22.11 -2.52 8.08	24.45 -2.92 9.02	28.83 -3.60 10.19	36.57 -4.49 11.95	34.48 -3.78 7.34	38.80 -3.68 1.62	38.47 -2.70 0.00	35.84 -2.28 0.00
HARZA MOOSE___RIVER 24016	35.33 0.27 0.00	35.94 0.09 0.00	34.47 -0.25 0.00	34.81 -0.49 0.00	35.71 -0.43 0.00	38.41 -0.49 0.00	53.67 -0.61 0.00	74.20 -0.66 0.00	79.42 -0.85 0.00	35.93 -0.46 0.00	31.52 -0.47 0.00	28.41 -0.44 0.00	27.02 -0.19 0.00	31.94 0.00 0.00	32.99 -0.28 -1.24	32.37 -0.30 0.00	32.46 -0.24 0.00	36.34 -0.21 -0.17	44.17 -0.21 -1.89	55.07 -0.11 -2.18	47.67 0.17 -1.91	45.95 0.00 -1.85	43.04 0.05 -1.83	39.77 -0.02 -1.67
HDSNBRDG_115KV_BRDG_TB1 355580	34.44 -0.62 0.00	35.22 -0.63 0.00	34.15 -0.57 0.00	34.73 -0.58 0.00	35.55 -0.59 0.00	38.24 -0.66 0.00	53.43 -0.85 0.00	73.63 -1.23 0.00	78.99 -1.28 0.00	35.85 -0.53 0.00	31.58 -0.40 0.00	28.54 -0.32 0.00	26.95 -0.26 0.00	31.67 -0.27 0.00	31.80 -0.22 0.00	32.46 -0.21 0.00	32.42 -0.28 0.00	36.00 -0.38 0.00	42.09 -0.53 0.00	52.38 -0.62 0.00	45.04 -0.55 0.00	43.48 -0.61 0.00	40.59 -0.57 0.00	37.62 -0.50 0.00
HELLGATE_13_KV_LD 55870	36.73 1.58 -0.09	37.50 1.64 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.48 2.09 0.00	45.28 2.66 0.00	56.30 3.29 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.73 1.58 -0.09	37.50 1.64 -0.01	36.40 1.67 -0.01	37.01 1.71 0.00	37.89 1.75 0.00	40.96 2.05 0.00	57.09 2.81 0.00	78.74 3.88 -0.01	84.30 4.03 0.00	38.24 1.86 0.00	33.91 1.62 -0.31	31.24 1.49 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.49 1.79 0.00	38.48 2.09 0.00	45.28 2.66 0.00	56.30 3.29 0.00	48.30 2.70 -0.01	46.70 2.60 -0.01	43.31 2.13 -0.01	39.95 1.83 -0.01
HEMPSTEAD____ 23647	36.51 1.45 0.00	37.40 1.55 0.00	36.32 1.60 0.00	36.99 1.69 0.00	37.89 1.75 0.00	41.10 2.19 0.00	57.31 3.04 0.00	78.89 4.03 0.00	84.52 4.25 0.00	38.23 1.85 0.00	33.49 1.51 0.00	30.08 1.22 0.00	28.30 1.10 0.00	33.11 1.17 0.00	33.18 1.15 0.00	41.75 1.56 -7.52	34.37 1.67 0.00	38.28 1.90 0.00	45.24 2.61 0.00	56.05 3.05 0.00	47.85 2.26 0.00	46.46 2.37 0.00	43.07 1.91 0.00	39.70 1.59 0.00
HEWLETT_69_KV_BK3 55828	36.86 1.80 0.00	37.75 1.91 0.00	36.64 1.93 0.00	37.31 2.01 0.00	38.23 2.08 0.00	41.43 2.52 0.00	57.76 3.49 0.00	79.50 4.64 0.00	85.19 4.92 0.00	38.56 2.18 0.00	33.79 1.81 0.00	30.40 1.54 0.00	28.62 1.41 0.00	33.47 1.53 0.00	33.52 1.49 0.00	58.85 1.91 -24.28	34.72 2.02 0.00	38.70 2.31 0.00	45.67 3.04 0.00	56.58 3.57 0.00	48.34 2.75 0.00	46.92 2.83 0.00	43.53 2.36 0.00	40.15 2.03 0.00
HICKLING___1 23621	33.61 -1.77 -0.33	35.18 -1.81 -1.14	36.82 -1.58 -3.68	37.88 -1.63 -4.21	39.04 -1.58 -4.47	41.57 -1.77 -4.44	56.83 -2.25 -4.81	73.62 -3.32 -2.08	83.65 -3.33 -6.71	38.73 -1.54 -3.88	33.64 -1.28 -2.94	31.12 -1.13 -3.39	29.22 -0.98 -2.99	30.95 -0.99 0.00	32.02 -1.11 -1.10	34.88 -1.04 -3.25	35.53 -1.09 -3.91	39.61 -1.14 -4.37	46.07 -1.50 -4.94	57.02 -1.78 -5.79	47.53 -1.61 -3.55	43.24 -1.64 -0.79	39.85 -1.31 0.00	37.14 -0.98 0.00
HICKLING___2 23622	33.61 -1.77 -0.33	35.18 -1.81 -1.14	36.82 -1.58 -3.68	37.88 -1.63 -4.21	39.04 -1.58 -4.47	41.57 -1.77 -4.44	56.83 -2.25 -4.81	73.62 -3.32 -2.08	83.65 -3.33 -6.71	38.73 -1.54 -3.88	33.64 -1.28 -2.94	31.12 -1.13 -3.39	29.22 -0.98 -2.99	30.95 -0.99 0.00	32.02 -1.11 -1.10	34.88 -1.04 -3.25	35.53 -1.09 -3.91	39.61 -1.14 -4.37	46.07 -1.50 -4.94	57.02 -1.78 -5.79	47.53 -1.61 -3.55	43.24 -1.64 -0.79	39.85 -1.31 0.00	37.14 -0.98 0.00
HIGH FALLS___HY 23754	36.63 1.58 0.00	37.45 1.61 0.00	36.33 1.61 0.00	36.95 1.65 0.00	37.88 1.74 0.00	40.92 2.01 0.00	57.13 2.85 0.00	78.85 3.98 0.00	84.44 4.16 0.00	38.17 1.79 0.00	33.29 1.31 0.00	30.01 1.15 0.00	28.20 0.99 0.00	33.06 1.12 0.00	33.12 1.09 0.00	34.03 1.36 0.00	34.15 1.45 0.00	38.21 1.82 0.00	45.14 2.51 0.00	56.23 3.22 0.00	48.26 2.67 0.00	46.63 2.53 0.00	43.22 2.06 0.00	39.87 1.75 0.00
HIGH_RIVER___SOLAR 323847	36.21 1.15 0.00	37.03 1.18 0.00	35.86 1.14 0.00	36.45 1.15 0.00	37.33 1.19 0.00	40.21 1.30 0.00	56.14 1.87 0.00	77.38 2.52 0.00	82.17 1.90 0.00	36.63 0.24 0.00	31.92 -0.06 0.00	28.81 -0.05 0.00	27.18 -0.03 0.00	32.42 0.48 0.00	32.83 0.80 0.00	33.15 0.48 0.00	33.64 0.94 0.00	37.61 1.22 0.00	44.18 1.55 0.00	54.97 1.96 0.00	47.28 1.69 0.00	45.69 1.60 0.00	42.57 1.41 0.00	39.39 1.26 0.00

HILLBURN___GT 23639	36.16 1.11 0.00	36.96 1.11 0.00	35.86 1.14 0.00	36.49 1.19 0.00	37.43 1.29 0.00	40.43 1.53 0.00	56.43 2.15 0.00	77.84 2.98 0.00	83.29 3.02 0.00	37.64 1.26 0.00	33.03 1.05 0.00	29.81 0.95 0.00	28.06 0.86 0.00	32.87 0.93 0.00	32.97 0.94 0.00	33.76 1.10 0.00	33.94 1.24 0.00	37.88 1.49 0.00	44.63 2.01 0.00	55.51 2.50 0.00	47.60 2.01 0.00	46.01 1.92 0.00	42.62 1.45 0.00	39.30 1.18 0.00
HILLSIDE_115KV_TB1 80332	33.39 -1.84 -0.17	35.02 -1.85 -1.02	36.40 -1.61 -3.29	37.40 -1.66 -3.76	38.52 -1.62 -4.00	41.05 -1.82 -3.96	56.22 -2.35 -4.30	73.06 -3.46 -1.67	82.83 -3.44 -6.00	38.23 -1.63 -3.47	33.28 -1.33 -2.63	30.78 -1.11 -3.03	28.94 -0.95 -2.67	30.91 -1.03 0.00	31.86 -1.15 -0.99	34.50 -1.08 -2.91	35.10 -1.10 -3.50	39.11 -1.18 -3.91	45.43 -1.61 -4.42	56.24 -1.95 -5.17	46.98 -1.79 -3.18	42.97 -1.82 -0.70	39.58 -1.59 0.00	36.86 -1.25 0.00
HISHELDN_WT_PWR 323625	-5.46 -3.87 36.65	20.19 -3.97 11.68	-6.55 -3.70 37.56	-11.44 -3.74 43.00	-13.14 -3.57 45.72	-10.45 -4.06 45.30	-0.49 -5.67 49.10	-7.07 -8.28 73.65	3.11 -8.61 68.56	-6.95 -3.69 39.64	-1.23 -3.14 30.07	-8.52 -2.71 34.66	-5.65 -2.33 30.53	29.45 -2.49 0.00	18.10 -2.67 11.25	-3.42 -2.85 33.24	-10.32 -3.03 39.99	-11.61 -3.35 44.64	-11.95 -4.11 50.46	-11.09 -4.96 59.14	5.00 -4.27 36.33	31.97 -4.10 8.02	38.15 -3.02 0.00	35.61 -2.50 0.00
HOLTSVILLE_IC_1 23690	36.27 1.22 0.00	37.22 1.38 0.00	36.25 1.53 0.00	36.99 1.69 0.00	37.92 1.78 0.00	41.31 2.41 0.00	57.77 3.50 0.00	79.45 4.59 0.00	85.11 4.83 0.00	38.33 1.95 0.00	33.49 1.51 0.00	29.91 1.06 0.00	28.11 0.90 0.00	32.86 0.92 0.00	32.96 0.94 0.00	35.40 1.36 -1.38	34.37 1.67 0.00	38.30 1.92 0.00	45.28 2.66 0.00	55.99 2.99 0.00	47.45 1.86 0.00	46.21 2.12 0.00	42.82 1.66 0.00	39.45 1.33 0.00
HOLTSVILLE_IC_10 23699	36.44 1.39 0.00	37.38 1.53 0.00	36.41 1.69 0.00	37.16 1.85 0.00	38.08 1.93 0.00	41.49 2.59 0.00	58.02 3.75 0.00	79.79 4.93 0.00	85.46 5.19 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.02 1.16 0.00	28.19 0.99 0.00	32.96 1.02 0.00	33.07 1.05 0.00	35.64 1.47 -1.50	34.52 1.82 0.00	38.46 2.08 0.00	45.48 2.86 0.00	56.25 3.25 0.00	47.66 2.07 0.00	46.43 2.34 0.00	43.02 1.85 0.00	39.61 1.49 0.00
HOLTSVILLE_IC_2 23691	36.27 1.22 0.00	37.22 1.38 0.00	36.25 1.53 0.00	36.99 1.69 0.00	37.92 1.78 0.00	41.31 2.41 0.00	57.77 3.50 0.00	79.45 4.59 0.00	85.11 4.83 0.00	38.33 1.95 0.00	33.49 1.51 0.00	29.91 1.06 0.00	28.11 0.90 0.00	32.86 0.92 0.00	32.96 0.94 0.00	35.40 1.36 -1.38	34.37 1.67 0.00	38.30 1.92 0.00	45.28 2.66 0.00	55.99 2.99 0.00	47.45 1.86 0.00	46.21 2.12 0.00	42.82 1.66 0.00	39.45 1.33 0.00
HOLTSVILLE_IC_3 23692	36.27 1.22 0.00	37.22 1.38 0.00	36.25 1.53 0.00	36.99 1.69 0.00	37.92 1.78 0.00	41.31 2.41 0.00	57.77 3.50 0.00	79.45 4.59 0.00	85.11 4.83 0.00	38.33 1.95 0.00	33.49 1.51 0.00	29.91 1.06 0.00	28.11 0.90 0.00	32.86 0.92 0.00	32.96 0.94 0.00	35.40 1.36 -1.38	34.37 1.67 0.00	38.30 1.92 0.00	45.28 2.66 0.00	55.99 2.99 0.00	47.45 1.86 0.00	46.21 2.12 0.00	42.82 1.66 0.00	39.45 1.33 0.00
HOLTSVILLE_IC_4 23693	36.27 1.22 0.00	37.22 1.38 0.00	36.25 1.53 0.00	36.99 1.69 0.00	37.92 1.78 0.00	41.31 2.41 0.00	57.77 3.50 0.00	79.45 4.59 0.00	85.11 4.83 0.00	38.33 1.95 0.00	33.49 1.51 0.00	29.91 1.06 0.00	28.11 0.90 0.00	32.86 0.92 0.00	32.96 0.94 0.00	35.40 1.36 -1.38	34.37 1.67 0.00	38.30 1.92 0.00	45.28 2.66 0.00	55.99 2.99 0.00	47.45 1.86 0.00	46.21 2.12 0.00	42.82 1.66 0.00	39.45 1.33 0.00
HOLTSVILLE_IC_5 23694	36.27 1.22 0.00	37.22 1.38 0.00	36.25 1.53 0.00	36.99 1.69 0.00	37.92 1.78 0.00	41.31 2.41 0.00	57.77 3.50 0.00	79.45 4.59 0.00	85.11 4.83 0.00	38.33 1.95 0.00	33.49 1.51 0.00	29.91 1.06 0.00	28.11 0.90 0.00	32.86 0.92 0.00	32.96 0.94 0.00	35.40 1.36 -1.38	34.37 1.67 0.00	38.30 1.92 0.00	45.28 2.66 0.00	55.99 2.99 0.00	47.45 1.86 0.00	46.21 2.12 0.00	42.82 1.66 0.00	39.45 1.33 0.00
HOLTSVILLE_IC_6 23695	36.44 1.39 0.00	37.38 1.53 0.00	36.41 1.69 0.00	37.16 1.85 0.00	38.08 1.93 0.00	41.49 2.59 0.00	58.02 3.75 0.00	79.79 4.93 0.00	85.46 5.19 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.02 1.16 0.00	28.19 0.99 0.00	32.96 1.02 0.00	33.07 1.05 0.00	35.64 1.47 -1.50	34.52 1.82 0.00	38.46 2.08 0.00	45.48 2.86 0.00	56.25 3.25 0.00	47.66 2.07 0.00	46.43 2.34 0.00	43.02 1.85 0.00	39.61 1.49 0.00
HOLTSVILLE_IC_7 23696	36.44 1.39 0.00	37.38 1.53 0.00	36.41 1.69 0.00	37.16 1.85 0.00	38.08 1.93 0.00	41.49 2.59 0.00	58.02 3.75 0.00	79.79 4.93 0.00	85.46 5.19 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.02 1.16 0.00	28.19 0.99 0.00	32.96 1.02 0.00	33.07 1.05 0.00	35.64 1.47 -1.50	34.52 1.82 0.00	38.46 2.08 0.00	45.48 2.86 0.00	56.25 3.25 0.00	47.66 2.07 0.00	46.43 2.34 0.00	43.02 1.85 0.00	39.61 1.49 0.00
HOLTSVILLE_IC_8 23697	36.44 1.39 0.00	37.38 1.53 0.00	36.41 1.69 0.00	37.16 1.85 0.00	38.08 1.93 0.00	41.49 2.59 0.00	58.02 3.75 0.00	79.79 4.93 0.00	85.46 5.19 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.02 1.16 0.00	28.19 0.99 0.00	32.96 1.02 0.00	33.07 1.05 0.00	35.64 1.47 -1.50	34.52 1.82 0.00	38.46 2.08 0.00	45.48 2.86 0.00	56.25 3.25 0.00	47.66 2.07 0.00	46.43 2.34 0.00	43.02 1.85 0.00	39.61 1.49 0.00
HOLTSVILLE_IC_9 23698	36.44 1.39 0.00	37.38 1.53 0.00	36.41 1.69 0.00	37.16 1.85 0.00	38.08 1.93 0.00	41.49 2.59 0.00	58.02 3.75 0.00	79.79 4.93 0.00	85.46 5.19 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.02 1.16 0.00	28.19 0.99 0.00	32.96 1.02 0.00	33.07 1.05 0.00	35.64 1.47 -1.50	34.52 1.82 0.00	38.46 2.08 0.00	45.48 2.86 0.00	56.25 3.25 0.00	47.66 2.07 0.00	46.43 2.34 0.00	43.02 1.85 0.00	39.61 1.49 0.00
HOMER_HL_115KV_TB2 355744	31.39 -2.16 1.52	33.83 -2.02 0.00	32.93 -1.80 0.00	33.44 -1.86 0.00	34.06 -2.09 0.00	36.40 -2.50 0.00	51.03 -3.25 0.00	67.72 -4.76 2.38	75.30 -4.97 0.00	34.28 -2.10 0.00	30.54 -1.44 0.00	27.77 -1.09 0.00	26.61 -0.60 0.00	31.59 -0.35 0.00	31.30 -0.72 0.00	31.89 -0.78 0.00	31.70 -1.00 0.00	35.18 -1.21 0.00	40.85 -1.77 0.00	51.03 -1.98 0.00	43.75 -1.85 0.00	42.33 -1.76 0.00	40.02 -1.15 0.00	37.39 -0.72 0.00
HOWARD_WT_PWR 323690	50.22 -4.06 -19.22	39.32 -3.97 -7.44	54.94 -3.70 -23.92	58.90 -3.79 -27.39	61.86 -3.40 -29.12	64.02 -3.74 -28.85	80.40 -5.14 -31.27	107.89 -7.40 -40.43	116.33 -7.61 -43.66	58.33 -3.30 -25.25	47.93 -3.21 -19.15	47.88 -3.05 -22.08	43.82 -2.83 -19.44	28.80 -3.14 0.00	35.90 -3.29 -7.17	50.49 -3.35 -21.17	54.71 -3.46 -25.47	61.12 -3.69 -28.43	70.36 -4.40 -32.14	85.49 -5.17 -37.66	64.33 -4.39 -23.13	45.08 -4.12 -5.11	38.23 -2.94 0.00	35.78 -2.34 0.00

HQ_GEN_CEDARS 23644	35.40 0.34 0.00	36.18 0.32 0.00	34.92 0.20 0.00	35.46 0.16 0.00	36.29 0.15 0.00	38.99 0.08 0.00	54.35 0.07 0.00	75.04 0.18 0.00	80.49 0.22 0.00	36.62 0.24 0.00	32.22 0.24 0.00	29.05 0.19 0.00	27.33 0.12 0.00	31.90 -0.04 0.00	34.10 -0.07 -2.14	32.58 -0.09 0.00	32.50 -0.20 0.00	36.38 -0.29 -0.29	45.51 -0.37 -3.25	56.37 -0.39 -3.75	48.59 -0.30 -3.29	47.16 -0.13 -3.20	44.48 0.16 -3.15	41.17 0.18 -2.87
HQ_GEN_CEDARS_PROXY 323590	35.40 0.34 0.00	36.18 0.32 0.00	34.92 0.20 0.00	35.46 0.16 0.00	36.29 0.15 0.00	38.99 0.08 0.00	54.35 0.07 0.00	75.04 0.18 0.00	80.49 0.22 0.00	35.65 0.24 0.97	32.22 0.24 0.00	29.05 0.20 0.00	27.33 0.12 0.00	31.90 -0.04 0.00	34.10 -0.07 -2.14	32.58 -0.09 0.00	32.50 -0.20 0.00	36.38 -0.29 -0.29	45.50 -0.38 -3.25	56.35 -0.40 -3.75	48.56 -0.32 -3.29	47.15 -0.14 -3.20	44.47 0.15 -3.15	41.17 0.18 -2.87
HQ_GEN_IMPORT 323601	35.25 0.20 0.00	36.04 0.19 0.00	34.85 0.13 0.00	35.42 0.12 0.00	36.26 0.11 0.00	38.99 0.09 0.00	54.34 0.06 0.00	74.96 0.10 0.00	81.24 0.19 -0.78	36.59 0.20 0.00	30.80 0.21 1.40	29.03 0.17 0.00	27.34 0.13 0.00	31.99 0.05 0.00	32.04 0.01 0.00	32.70 0.00 -0.04	32.63 -0.07 0.00	35.77 -0.13 0.49	42.45 -0.18 0.00	52.82 -0.19 0.00	45.44 -0.16 0.00	44.03 -0.07 0.00	41.27 0.10 0.00	38.24 0.12 0.00
HQ_GEN_WHEEL 23651	35.25 0.20 0.00	36.04 0.19 0.00	34.85 0.13 0.00	35.42 0.12 0.00	36.26 0.11 0.00	38.99 0.09 0.00	54.34 0.06 0.00	74.96 0.10 0.00	81.24 0.19 -0.78	36.59 0.20 0.00	30.80 0.21 1.40	29.03 0.17 0.00	27.34 0.13 0.00	31.99 0.05 0.00	32.04 0.01 0.00	32.70 0.00 -0.04	32.63 -0.07 0.00	35.77 -0.13 0.49	42.45 -0.18 0.00	52.82 -0.19 0.00	45.44 -0.16 0.00	44.03 -0.07 0.00	41.27 0.10 0.00	38.24 0.12 0.00
HUDSON AVE_GT_3 23810	36.55 1.50 0.00	37.39 1.54 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.78 1.64 0.00	40.86 1.95 0.00	56.96 2.68 0.00	78.57 3.71 0.00	84.12 3.85 0.00	38.14 1.75 0.00	33.50 1.52 0.00	30.26 1.40 0.00	28.48 1.27 0.00	33.30 1.35 0.00	33.40 1.37 0.00	34.24 1.57 0.00	34.40 1.70 0.00	38.38 1.99 0.00	45.17 2.54 0.00	56.14 3.13 0.00	48.14 2.55 0.00	46.55 2.46 0.00	43.16 1.99 0.00	39.81 1.69 0.00
HUDSON AVE_GT_4 23540	36.55 1.50 0.00	37.39 1.54 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.78 1.64 0.00	40.86 1.95 0.00	56.96 2.68 0.00	78.57 3.71 0.00	84.12 3.85 0.00	38.14 1.75 0.00	33.50 1.52 0.00	30.26 1.40 0.00	28.48 1.27 0.00	33.30 1.35 0.00	33.40 1.37 0.00	34.24 1.57 0.00	34.40 1.70 0.00	38.38 1.99 0.00	45.17 2.54 0.00	56.14 3.13 0.00	48.14 2.55 0.00	46.55 2.46 0.00	43.16 1.99 0.00	39.81 1.69 0.00
HUDSON AVE_GT_5 23657	36.55 1.50 0.00	37.39 1.54 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.78 1.64 0.00	40.86 1.95 0.00	56.96 2.68 0.00	78.57 3.71 0.00	84.12 3.85 0.00	38.14 1.75 0.00	33.50 1.52 0.00	30.26 1.40 0.00	28.48 1.27 0.00	33.30 1.35 0.00	33.40 1.37 0.00	34.24 1.57 0.00	34.40 1.70 0.00	38.38 1.99 0.00	45.17 2.54 0.00	56.14 3.13 0.00	48.14 2.55 0.00	46.55 2.46 0.00	43.16 1.99 0.00	39.81 1.69 0.00
HUDSON_AVE_10 24168	36.40 1.34 0.00	37.20 1.35 0.00	36.11 1.40 0.00	36.74 1.44 0.00	37.59 1.45 0.00	40.63 1.74 0.02	56.64 2.37 0.01	78.18 3.32 0.00	83.71 3.44 0.00	37.94 1.56 0.00	33.34 1.36 0.00	30.12 1.27 0.00	28.34 1.13 0.00	33.13 1.19 0.00	33.23 1.20 0.00	34.05 1.39 0.00	34.22 1.52 0.00	38.18 1.80 0.00	44.91 2.28 0.00	55.84 2.83 0.00	47.90 2.31 0.00	46.39 2.30 0.00	43.04 1.87 0.00	39.71 1.60 0.00
HUDSON___115KV_TB 4 355613	36.31 1.26 0.00	37.14 1.29 0.00	35.98 1.26 0.00	36.61 1.31 0.00	37.48 1.33 0.00	40.42 1.51 0.00	56.39 2.12 0.00	77.87 3.02 0.00	83.12 2.85 0.00	37.31 0.93 0.00	32.55 0.56 0.00	29.32 0.46 0.00	27.61 0.40 0.00	32.47 0.53 0.00	32.81 0.78 0.00	33.52 0.85 0.00	33.63 0.93 0.00	37.76 1.38 0.00	44.47 1.85 0.00	55.24 2.23 0.00	47.51 1.92 0.00	45.91 1.81 0.00	42.70 1.53 0.00	39.48 1.36 0.00
HUNTER MOUNT___DRP 323613	36.53 1.47 0.00	37.36 1.51 0.00	36.19 1.47 0.00	36.82 1.52 0.00	37.70 1.55 0.00	40.65 1.75 0.00	56.74 2.47 0.00	78.39 3.53 0.00	83.69 3.42 0.00	37.53 1.15 0.00	32.67 0.69 0.00	29.41 0.56 0.00	27.71 0.50 0.00	32.59 0.66 0.00	32.99 0.96 0.00	33.64 0.97 0.00	33.76 1.06 0.00	37.99 1.61 0.00	44.78 2.15 0.00	55.60 2.59 0.00	47.83 2.24 0.00	46.20 2.11 0.00	42.99 1.82 0.00	39.74 1.62 0.00
HUNTINGTON_RES_REC 323705	36.47 1.41 0.00	37.39 1.54 0.00	36.37 1.65 0.00	37.08 1.78 0.00	38.01 1.86 0.00	41.30 2.39 0.00	57.63 3.36 0.00	79.23 4.37 0.00	84.91 4.64 0.00	38.35 1.97 0.00	33.54 1.55 0.00	30.01 1.15 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.09 1.06 0.00	35.62 1.45 -1.50	34.40 1.70 0.00	38.30 1.92 0.00	45.28 2.66 0.00	56.04 3.03 0.00	47.54 1.95 0.00	46.12 2.02 0.00	42.82 1.65 0.00	39.49 1.37 0.00
HUNTLEY___63 23557	25.54 -3.21 6.31	30.80 -3.29 1.76	25.97 -3.09 5.66	25.62 -3.21 6.48	25.92 -3.33 6.89	28.27 -3.81 6.83	41.87 -5.01 7.40	54.86 -7.66 12.34	62.17 -7.77 10.33	27.52 -2.89 5.97	25.31 -2.14 4.53	21.96 -1.67 5.22	21.53 -1.08 4.60	30.68 -1.27 0.00	28.93 -1.40 1.70	26.02 -1.64 5.01	24.53 -2.15 6.03	27.14 -2.52 6.73	31.88 -3.14 7.60	40.18 -3.92 8.91	36.82 -3.29 5.47	39.69 -3.20 1.21	38.91 -2.26 0.00	36.25 -1.87 0.00
HUNTLEY___64 23558	25.54 -3.21 6.31	30.80 -3.29 1.76	25.97 -3.09 5.66	25.62 -3.21 6.48	25.92 -3.33 6.89	28.27 -3.81 6.83	41.87 -5.01 7.40	54.86 -7.66 12.34	62.17 -7.77 10.33	27.52 -2.89 5.97	25.31 -2.14 4.53	21.96 -1.67 5.22	21.53 -1.08 4.60	30.68 -1.27 0.00	28.93 -1.40 1.70	26.02 -1.64 5.01	24.53 -2.15 6.03	27.14 -2.52 6.73	31.88 -3.14 7.60	40.18 -3.92 8.91	36.82 -3.29 5.47	39.69 -3.20 1.21	38.91 -2.26 0.00	36.25 -1.87 0.00
HUNTLEY___65 23559	25.54 -3.21 6.31	30.80 -3.29 1.76	25.97 -3.09 5.66	25.62 -3.21 6.48	25.92 -3.33 6.89	28.27 -3.81 6.83	41.87 -5.01 7.40	54.86 -7.66 12.34	62.17 -7.77 10.33	27.52 -2.89 5.97	25.31 -2.14 4.53	21.96 -1.67 5.22	21.53 -1.08 4.60	30.68 -1.27 0.00	28.93 -1.40 1.70	26.02 -1.64 5.01	24.53 -2.15 6.03	27.14 -2.52 6.73	31.88 -3.14 7.60	40.18 -3.92 8.91	36.82 -3.29 5.47	39.69 -3.20 1.21	38.91 -2.26 0.00	36.25 -1.87 0.00
HUNTLEY___66 23560	25.54 -3.21 6.31	30.80 -3.29 1.76	25.97 -3.09 5.66	25.62 -3.21 6.48	25.92 -3.33 6.89	28.27 -3.81 6.83	41.87 -5.01 7.40	54.86 -7.66 12.34	62.17 -7.77 10.33	27.52 -2.89 5.97	25.31 -2.14 4.53	21.96 -1.67 5.22	21.53 -1.08 4.60	30.68 -1.27 0.00	28.93 -1.40 1.70	26.02 -1.64 5.01	24.53 -2.15 6.03	27.14 -2.52 6.73	31.88 -3.14 7.60	40.18 -3.92 8.91	36.82 -3.29 5.47	39.69 -3.20 1.21	38.91 -2.26 0.00	36.25 -1.87 0.00

HUNTLEY___67 23561	25.71 -3.25 6.10	30.86 -3.31 1.68	26.23 -3.08 5.41	25.92 -3.18 6.20	26.23 -3.32 6.59	28.58 -3.80 6.53	42.21 -4.99 7.08	55.32 -7.64 11.89	62.64 -7.75 9.88	27.77 -2.90 5.71	25.50 -2.15 4.33	22.16 -1.70 5.00	21.69 -1.12 4.40	30.62 -1.32 0.00	28.95 -1.46 1.62	26.23 -1.64 4.79	24.81 -2.13 5.76	27.44 -2.51 6.43	32.21 -3.15 7.27	40.54 -3.94 8.52	37.04 -3.32 5.23	39.71 -3.23 1.16	38.86 -2.31 0.00	36.23 -1.89 0.00
HUNTLEY___68 23562	25.71 -3.25 6.10	30.86 -3.31 1.68	26.23 -3.08 5.41	25.92 -3.18 6.20	26.23 -3.32 6.59	28.58 -3.80 6.53	42.21 -4.99 7.08	55.32 -7.64 11.89	62.64 -7.75 9.88	27.77 -2.90 5.71	25.50 -2.15 4.33	22.16 -1.70 5.00	21.69 -1.12 4.40	30.62 -1.32 0.00	28.95 -1.46 1.62	26.23 -1.64 4.79	24.81 -2.13 5.76	27.44 -2.51 6.43	32.21 -3.15 7.27	40.54 -3.94 8.52	37.04 -3.32 5.23	39.71 -3.23 1.16	38.86 -2.31 0.00	36.23 -1.89 0.00
HYLAND___LFG 323620	56.42 -1.24 -22.60	42.69 -1.27 -8.11	59.66 -1.14 -26.08	63.97 -1.19 -29.85	66.76 -1.12 -31.74	69.12 -1.23 -31.45	86.93 -1.43 -34.09	119.37 -2.16 -46.66	125.70 -2.17 -47.60	62.36 -1.55 -27.52	51.20 -1.65 -20.87	51.63 -1.30 -24.07	47.46 -0.95 -21.20	31.16 -0.78 0.00	38.79 -1.05 -7.81	54.60 -1.15 -23.08	59.31 -1.15 -27.76	66.30 -1.08 -30.99	76.78 -0.89 -35.03	93.57 -0.50 -41.06	70.50 -0.31 -25.22	49.29 -0.37 -5.57	41.15 -0.02 0.00	38.24 0.12 0.00
INDECK___CORINTH 23802	36.66 1.60 0.00	37.51 1.66 0.00	36.32 1.60 0.00	36.97 1.67 0.00	37.88 1.74 0.00	40.83 1.93 0.00	57.27 3.00 0.00	79.74 4.88 0.00	85.34 5.06 0.00	37.98 1.59 0.00	32.91 0.93 0.00	29.56 0.71 0.00	27.82 0.61 0.00	33.02 1.08 0.00	33.58 1.55 0.00	34.19 1.53 0.00	34.63 1.93 0.00	38.95 2.57 0.00	45.62 3.00 0.00	56.64 3.63 0.00	48.78 3.19 0.00	47.11 3.01 0.00	43.77 2.60 0.00	40.55 2.43 0.00
INDECK___ILION 23567	35.11 0.05 0.00	35.88 0.03 0.00	34.74 0.02 0.00	35.32 0.02 0.00	36.19 0.04 0.00	39.01 0.10 0.00	54.50 0.22 0.00	75.22 0.36 0.00	80.29 0.02 0.00	36.01 -0.38 0.00	31.54 -0.45 0.00	28.44 -0.42 0.00	26.79 -0.42 0.00	31.69 -0.25 0.00	31.90 -0.13 0.00	32.41 -0.26 0.00	32.61 -0.09 0.00	36.45 0.07 0.00	42.73 0.10 0.00	53.13 0.12 0.00	45.71 0.12 0.00	44.18 0.08 0.00	41.10 -0.06 0.00	37.99 -0.12 0.00
INDECK___OLEAN 23982	31.42 -2.12 1.52	33.85 -2.00 0.00	32.96 -1.76 0.00	33.48 -1.82 0.00	34.11 -2.04 0.00	36.46 -2.45 0.00	51.07 -3.20 0.00	67.74 -4.74 2.38	75.37 -4.90 0.00	34.33 -2.06 0.00	30.59 -1.40 0.00	27.79 -1.07 0.00	26.62 -0.59 0.00	31.60 -0.34 0.00	31.31 -0.72 0.00	31.92 -0.74 0.00	31.76 -0.94 0.00	35.26 -1.13 0.00	40.89 -1.74 0.00	51.08 -1.92 0.00	43.78 -1.81 0.00	42.34 -1.76 0.00	40.01 -1.15 0.00	37.37 -0.75 0.00
INDECK___OSWEGO 23783	34.18 -0.88 0.00	34.95 -0.90 0.00	33.85 -0.87 0.00	34.40 -0.90 0.00	35.22 -0.93 0.00	37.89 -1.01 0.00	52.91 -1.36 0.00	72.93 -1.93 0.00	78.25 -2.03 0.00	35.49 -0.89 0.00	31.25 -0.73 0.00	28.24 -0.62 0.00	26.66 -0.55 0.00	31.39 -0.56 0.00	31.46 -0.57 0.00	32.08 -0.58 0.00	32.04 -0.66 0.00	35.55 -0.84 0.00	41.58 -1.04 0.00	51.79 -1.21 0.00	44.55 -1.04 0.00	43.01 -1.09 0.00	40.13 -1.03 0.00	37.20 -0.92 0.00
INDECK___YERKES 23781	25.61 -3.13 6.31	30.86 -3.23 1.76	26.04 -3.02 5.66	25.71 -3.11 6.48	26.02 -3.24 6.89	28.38 -3.70 6.83	41.98 -4.90 7.40	54.99 -7.53 12.34	62.32 -7.61 10.33	27.61 -2.80 5.97	25.38 -2.07 4.53	22.02 -1.62 5.22	21.56 -1.05 4.60	30.70 -1.24 0.00	28.96 -1.37 1.70	26.09 -1.57 5.01	24.64 -2.03 6.03	27.28 -2.38 6.73	31.99 -3.03 7.60	40.31 -3.78 8.91	36.93 -3.19 5.47	39.74 -3.15 1.21	38.96 -2.21 0.00	36.27 -1.85 0.00
INDIAN POINT_GT_1 24139	36.19 1.14 0.00	37.01 1.16 0.00	35.91 1.19 0.00	36.54 1.24 0.00	37.44 1.30 0.00	40.45 1.54 0.00	56.41 2.14 0.00	77.83 2.97 0.00	83.29 3.02 0.00	37.66 1.28 0.00	33.03 1.05 0.00	29.81 0.95 0.00	28.05 0.84 0.00	32.85 0.91 0.00	32.95 0.92 0.00	33.77 1.10 0.00	33.94 1.24 0.00	37.87 1.49 0.00	44.62 2.00 0.00	55.47 2.47 0.00	47.58 1.99 0.00	45.99 1.89 0.00	42.63 1.46 0.00	39.32 1.20 0.00
INDIAN POINT_GT_2 23659	36.19 1.14 0.00	37.01 1.16 0.00	35.91 1.19 0.00	36.54 1.24 0.00	37.44 1.30 0.00	40.45 1.54 0.00	56.41 2.14 0.00	77.83 2.97 0.00	83.29 3.02 0.00	37.66 1.28 0.00	33.03 1.05 0.00	29.81 0.95 0.00	28.05 0.84 0.00	32.85 0.91 0.00	32.95 0.92 0.00	33.77 1.10 0.00	33.94 1.24 0.00	37.87 1.49 0.00	44.62 2.00 0.00	55.47 2.47 0.00	47.58 1.99 0.00	45.99 1.89 0.00	42.63 1.46 0.00	39.32 1.20 0.00
INDIAN POINT_GT_3 24019	36.19 1.14 0.00	37.01 1.16 0.00	35.91 1.19 0.00	36.54 1.24 0.00	37.44 1.30 0.00	40.45 1.54 0.00	56.41 2.14 0.00	77.83 2.97 0.00	83.29 3.02 0.00	37.66 1.28 0.00	33.03 1.05 0.00	29.81 0.95 0.00	28.05 0.84 0.00	32.85 0.91 0.00	32.95 0.92 0.00	33.77 1.10 0.00	33.94 1.24 0.00	37.87 1.49 0.00	44.62 2.00 0.00	55.47 2.47 0.00	47.58 1.99 0.00	45.99 1.89 0.00	42.63 1.46 0.00	39.32 1.20 0.00
INDIAN POINT___2 23530	36.06 1.01 0.00	36.86 1.01 0.00	35.77 1.05 0.00	36.40 1.10 0.00	37.32 1.18 0.00	40.31 1.41 0.00	56.22 1.95 0.00	77.56 2.70 0.00	82.98 2.71 0.00	37.51 1.13 0.00	32.90 0.92 0.00	29.70 0.84 0.00	27.95 0.74 0.00	32.74 0.80 0.00	32.83 0.80 0.00	33.64 0.97 0.00	33.81 1.10 0.00	37.73 1.35 0.00	44.47 1.85 0.00	55.29 2.29 0.00	47.43 1.84 0.00	45.84 1.75 0.00	42.48 1.31 0.00	39.18 1.06 0.00
INDIAN POINT___3 23531	36.22 1.17 0.00	37.05 1.20 0.00	35.94 1.23 0.00	36.58 1.28 0.00	37.48 1.34 0.00	40.49 1.59 0.00	56.48 2.20 0.00	77.91 3.05 0.00	83.39 3.12 0.00	37.71 1.33 0.00	33.09 1.11 0.00	29.85 0.99 0.00	28.10 0.89 0.00	32.90 0.95 0.00	32.99 0.97 0.00	33.81 1.14 0.00	33.98 1.28 0.00	37.93 1.54 0.00	44.67 2.05 0.00	55.53 2.52 0.00	47.63 2.04 0.00	46.04 1.95 0.00	42.67 1.51 0.00	39.36 1.24 0.00
INGHAM_C_115KV_TB7 356103	34.97 -0.09 0.00	35.79 -0.07 0.00	34.63 -0.09 0.00	35.21 -0.09 0.00	36.12 -0.03 0.00	39.00 0.09 0.00	54.56 0.28 0.00	75.31 0.45 0.00	79.93 -0.34 0.00	35.28 -1.10 0.00	30.78 -1.20 0.00	27.73 -1.13 0.00	26.04 -1.17 0.00	31.17 -0.77 0.00	31.50 -0.52 0.00	31.82 -0.85 0.00	32.37 -0.33 0.00	36.37 -0.01 0.00	42.69 0.07 0.00	53.07 0.07 0.00	45.65 0.06 0.00	44.11 0.01 0.00	40.90 -0.27 0.00	37.73 -0.39 0.00
IP CORINTH___1 23988	36.66 1.61 0.00	37.51 1.66 0.00	36.31 1.60 0.00	36.97 1.67 0.00	37.88 1.74 0.00	40.84 1.93 0.00	57.28 3.01 0.00	79.74 4.88 0.00	85.34 5.06 0.00	37.98 1.60 0.00	32.92 0.93 0.00	29.57 0.71 0.00	27.82 0.61 0.00	33.02 1.09 0.00	33.58 1.55 0.00	34.19 1.52 0.00	34.63 1.93 0.00	38.96 2.57 0.00	45.62 3.00 0.00	56.63 3.63 0.00	48.78 3.19 0.00	47.10 3.01 0.00	43.76 2.60 0.00	40.55 2.43 0.00

IP___TICONDEROGA 23804	37.14 2.08 0.00	38.10 2.25 0.00	36.88 2.16 0.00	37.55 2.25 0.00	38.56 2.42 0.00	41.50 2.60 0.00	58.44 4.17 0.00	82.03 7.18 0.00	88.03 7.76 0.00	38.77 2.38 0.00	33.30 1.32 0.00	29.69 0.83 0.00	27.85 0.64 0.00	33.22 1.28 0.00	33.89 1.87 0.00	34.70 2.04 0.00	35.58 2.88 0.00	40.01 3.63 0.00	47.21 4.59 0.00	58.29 5.28 0.00	50.17 4.58 0.00	48.54 4.45 0.00	45.05 3.88 0.00	41.76 3.64 0.00
ISLIP_RES_REC 323679	36.61 1.55 0.00	37.56 1.71 0.00	36.58 1.86 0.00	37.33 2.03 0.00	38.26 2.11 0.00	41.69 2.79 0.00	58.31 4.04 0.00	80.19 5.33 0.00	85.91 5.64 0.00	38.68 2.29 0.00	33.73 1.75 0.00	30.12 1.26 0.00	28.29 1.08 0.00	33.06 1.12 0.00	33.17 1.15 0.00	35.84 1.60 -1.58	34.68 1.98 0.00	38.63 2.25 0.00	45.68 3.05 0.00	56.49 3.48 0.00	47.84 2.25 0.00	46.59 2.50 0.00	43.17 2.00 0.00	39.74 1.62 0.00
JAMAICA__27_KV_LOAD 355505	36.49 1.44 0.00	37.21 1.36 0.00	36.16 1.44 0.00	36.78 1.48 0.00	37.57 1.43 0.00	40.59 1.70 0.02	56.59 2.32 0.01	78.13 3.27 0.00	83.69 3.42 0.00	37.99 1.61 0.00	33.40 1.42 0.00	30.19 1.33 0.00	28.37 1.16 0.00	33.17 1.23 0.00	33.24 1.22 0.00	34.09 1.42 0.00	34.27 1.57 0.00	38.25 1.86 0.00	44.89 2.27 0.00	55.93 2.93 0.00	47.99 2.40 0.00	46.69 2.59 0.00	43.46 2.29 0.00	40.11 1.99 0.00
JANIS___SOLAR 323808	40.35 0.65 -4.64	36.92 0.50 -0.57	37.05 0.50 -1.83	37.88 0.48 -2.10	38.94 0.56 -2.23	41.73 0.61 -2.21	57.62 0.94 -2.40	84.14 1.20 -8.08	84.87 1.26 -3.35	38.79 0.47 -1.94	33.89 0.44 -1.47	30.78 0.23 -1.69	28.81 0.11 -1.49	32.22 0.28 0.00	33.03 0.45 -0.55	34.83 0.54 -1.62	34.92 0.27 -1.95	38.79 0.23 -2.18	45.68 0.59 -2.46	56.78 0.89 -2.89	48.04 0.68 -1.77	45.01 0.53 -0.39	41.65 0.48 0.00	38.59 0.47 0.00
JARVIS____ 23743	35.08 0.02 0.00	35.82 -0.03 0.00	34.68 -0.04 0.00	35.27 -0.04 0.00	36.12 -0.02 0.00	38.91 0.00 0.00	54.28 0.01 0.00	74.87 0.01 0.00	80.25 -0.02 0.00	36.31 -0.07 0.00	31.89 -0.09 0.00	28.77 -0.09 0.00	27.14 -0.07 0.00	31.91 -0.03 0.00	31.99 -0.03 0.00	32.63 -0.03 0.00	32.70 0.00 0.00	36.42 0.04 0.00	42.67 0.04 0.00	53.06 0.05 0.00	45.66 0.07 0.00	44.14 0.05 0.00	41.16 0.00 0.00	38.09 -0.04 0.00
JENNISON___1 23625	36.14 0.48 -0.61	35.80 -0.06 0.00	34.59 -0.13 0.00	35.09 -0.21 0.00	36.28 0.13 0.00	39.12 0.21 0.00	54.41 0.13 0.00	75.99 0.18 -0.96	80.49 0.22 0.00	36.48 0.10 0.00	32.15 0.17 0.00	28.91 0.06 0.00	27.21 0.00 0.00	31.95 0.01 0.00	31.92 -0.11 0.00	32.63 -0.03 0.00	32.34 -0.36 0.00	36.02 -0.36 0.00	42.37 -0.26 0.00	52.65 -0.36 0.00	45.17 -0.42 0.00	43.62 -0.48 0.00	40.67 -0.50 0.00	37.63 -0.49 0.00
JENNISON___2 23626	36.14 0.48 -0.61	35.80 -0.06 0.00	34.59 -0.13 0.00	35.09 -0.21 0.00	36.28 0.13 0.00	39.12 0.21 0.00	54.41 0.13 0.00	75.99 0.18 -0.96	80.49 0.22 0.00	36.48 0.10 0.00	32.15 0.17 0.00	28.91 0.06 0.00	27.21 0.00 0.00	31.95 0.01 0.00	31.92 -0.11 0.00	32.63 -0.03 0.00	32.34 -0.36 0.00	36.02 -0.36 0.00	42.37 -0.26 0.00	52.65 -0.36 0.00	45.17 -0.42 0.00	43.62 -0.48 0.00	40.67 -0.50 0.00	37.63 -0.49 0.00
JERICHO_RISE_WT_PWR 323719	34.50 -0.55 0.00	35.37 -0.47 0.00	34.17 -0.55 0.00	34.84 -0.47 0.00	35.60 -0.55 0.00	38.12 -0.79 0.00	53.02 -1.26 0.00	73.81 -1.05 0.00	79.65 -0.62 0.00	36.22 -0.16 0.00	31.92 -0.06 0.00	28.60 -0.26 0.00	26.68 -0.53 0.00	31.08 -0.86 0.00	-14.22 -0.96 45.29	31.83 -0.84 0.00	31.79 -0.91 0.00	29.06 -1.25 6.08	-27.92 -1.55 69.00	-28.41 -1.87 79.54	-25.72 -1.58 69.73	-25.15 -1.39 67.85	-26.68 -1.04 66.81	-23.75 -0.92 60.95
KATONAH___115KV_46KV_TB4 355592	36.58 1.53 0.00	37.43 1.58 0.00	36.31 1.60 0.00	36.95 1.65 0.00	37.85 1.70 0.00	40.90 2.00 0.00	57.08 2.81 0.00	78.77 3.91 0.00	84.35 4.08 0.00	38.15 1.77 0.00	33.45 1.47 0.00	30.17 1.31 0.00	28.38 1.17 0.00	33.21 1.27 0.00	33.34 1.31 0.00	34.15 1.48 0.00	34.33 1.63 0.00	38.31 1.93 0.00	45.11 2.49 0.00	56.08 3.07 0.00	48.13 2.54 0.00	46.51 2.41 0.00	43.12 1.95 0.00	39.77 1.65 0.00
KCE_NY_1 323755	36.44 1.39 0.00	37.31 1.46 0.00	36.11 1.40 0.00	36.76 1.46 0.00	37.62 1.48 0.00	40.59 1.69 0.00	56.78 2.51 0.00	78.38 3.52 0.00	83.82 3.55 0.00	37.56 1.18 0.00	32.80 0.82 0.00	29.52 0.66 0.00	27.80 0.59 0.00	32.82 0.88 0.00	33.20 1.17 0.00	33.71 1.04 0.00	34.07 1.37 0.00	38.12 1.74 0.00	44.71 2.08 0.00	55.51 2.51 0.00	47.79 2.20 0.00	46.16 2.07 0.00	42.96 1.80 0.00	39.74 1.62 0.00
KCE_NY_6_ESR 323823	26.80 -2.82 5.44	31.55 -2.86 1.44	27.47 -2.61 4.63	27.30 -2.70 5.30	27.69 -2.82 5.64	30.09 -3.22 5.59	44.04 -4.18 6.06	57.82 -6.51 10.53	65.21 -6.61 8.46	29.07 -2.43 4.89	26.57 -1.71 3.71	23.25 -1.33 4.28	22.67 -0.78 3.77	31.09 -0.86 0.00	29.57 -1.07 1.39	27.35 -1.22 4.10	26.12 -1.65 4.93	28.92 -1.96 5.51	33.86 -2.54 6.22	42.58 -3.13 7.29	38.44 -2.67 4.48	40.54 -2.56 0.99	39.49 -1.68 0.00	36.83 -1.29 0.00
KEDC_PORT_JEFF_GT2 24210	36.45 1.40 0.00	37.39 1.55 0.00	36.41 1.69 0.00	37.15 1.85 0.00	38.08 1.93 0.00	41.47 2.57 0.00	57.99 3.71 0.00	79.76 4.90 0.00	85.45 5.18 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.03 1.17 0.00	28.21 1.00 0.00	32.97 1.03 0.00	33.09 1.06 0.00	35.61 1.48 -1.47	34.52 1.82 0.00	38.47 2.08 0.00	45.50 2.87 0.00	56.28 3.28 0.00	47.72 2.13 0.00	46.50 2.40 0.00	43.08 1.91 0.00	39.65 1.53 0.00
KEDC_PORT_JEFF_GT3 24211	36.45 1.40 0.00	37.39 1.55 0.00	36.41 1.69 0.00	37.15 1.85 0.00	38.08 1.93 0.00	41.47 2.57 0.00	57.99 3.71 0.00	79.76 4.90 0.00	85.45 5.18 0.00	38.50 2.12 0.00	33.60 1.62 0.00	30.03 1.17 0.00	28.21 1.00 0.00	32.97 1.03 0.00	33.09 1.06 0.00	35.61 1.48 -1.47	34.52 1.82 0.00	38.47 2.08 0.00	45.50 2.87 0.00	56.28 3.28 0.00	47.72 2.13 0.00	46.50 2.40 0.00	43.08 1.91 0.00	39.65 1.53 0.00
KEDC_GLWD_GT4 24219	36.74 1.68 0.00	37.61 1.76 0.00	36.53 1.81 0.00	37.19 1.89 0.00	38.10 1.96 0.00	41.30 2.40 0.00	57.62 3.35 0.00	79.31 4.45 0.00	84.99 4.72 0.00	38.44 2.06 0.00	33.68 1.70 0.00	30.27 1.41 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.38 1.36 0.00	40.95 1.77 -6.52	34.56 1.86 0.00	38.52 2.14 0.00	45.49 2.86 0.00	56.37 3.36 0.00	48.15 2.55 0.00	46.73 2.64 0.00	43.33 2.16 0.00	39.94 1.82 0.00
KEDC_GLWD_GT5 24220	36.74 1.68 0.00	37.61 1.76 0.00	36.53 1.81 0.00	37.19 1.89 0.00	38.10 1.96 0.00	41.30 2.40 0.00	57.62 3.35 0.00	79.31 4.45 0.00	84.99 4.72 0.00	38.44 2.06 0.00	33.68 1.70 0.00	30.27 1.41 0.00	28.49 1.28 0.00	33.32 1.38 0.00	33.38 1.36 0.00	40.95 1.77 -6.52	34.56 1.86 0.00	38.52 2.14 0.00	45.49 2.86 0.00	56.37 3.36 0.00	48.15 2.55 0.00	46.73 2.64 0.00	43.33 2.16 0.00	39.94 1.82 0.00

KENSICO____ 23655	36.39 1.34 0.00	37.24 1.39 0.00	36.14 1.42 0.00	36.76 1.47 0.00	37.65 1.51 0.00	40.69 1.79 0.00	56.74 2.47 0.00	78.28 3.42 0.00	83.82 3.54 0.00	37.93 1.55 0.00	33.28 1.30 0.00	30.02 1.17 0.00	28.26 1.05 0.00	33.07 1.13 0.00	33.17 1.15 0.00	34.00 1.34 0.00	34.17 1.47 0.00	38.13 1.74 0.00	44.90 2.27 0.00	55.80 2.80 0.00	47.86 2.27 0.00	46.27 2.18 0.00	42.89 1.72 0.00	39.57 1.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.67 1.61 0.00	37.48 1.63 0.00	36.36 1.64 0.00	36.98 1.68 0.00	37.91 1.77 0.00	40.95 2.04 0.00	57.16 2.88 0.00	78.89 4.03 0.00	84.45 4.18 0.00	38.15 1.77 0.00	33.27 1.28 0.00	29.99 1.13 0.00	28.17 0.96 0.00	33.07 1.13 0.00	33.15 1.12 0.00	34.02 1.35 0.00	34.11 1.41 0.00	38.21 1.83 0.00	45.16 2.53 0.00	56.23 3.22 0.00	48.27 2.68 0.00	46.63 2.53 0.00	43.25 2.08 0.00	39.90 1.78 0.00
KIAC_JFK_GT1 23816	36.29 1.23 0.00	37.00 1.15 0.00	35.96 1.24 0.00	36.57 1.27 0.00	37.37 1.22 0.00	40.39 1.50 0.02	56.28 2.02 0.01	77.68 2.82 0.00	83.20 2.93 0.00	37.78 1.39 0.00	33.22 1.24 0.00	30.02 1.17 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.06 1.03 0.00	33.90 1.23 0.00	34.08 1.38 0.00	38.03 1.65 0.00	44.61 1.99 0.00	55.57 2.56 0.00	47.68 2.09 0.00	46.41 2.32 0.00	43.20 2.03 0.00	39.87 1.75 0.00
KIAC_JFK_GT2 23817	36.29 1.23 0.00	37.00 1.15 0.00	35.96 1.24 0.00	36.57 1.27 0.00	37.37 1.22 0.00	40.39 1.50 0.02	56.28 2.02 0.01	77.68 2.82 0.00	83.20 2.93 0.00	37.78 1.39 0.00	33.22 1.24 0.00	30.02 1.17 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.06 1.03 0.00	33.90 1.23 0.00	34.08 1.38 0.00	38.03 1.65 0.00	44.61 1.99 0.00	55.57 2.56 0.00	47.68 2.09 0.00	46.41 2.32 0.00	43.20 2.03 0.00	39.87 1.75 0.00
KIAC_JFK____ 323774	36.27 1.22 0.00	37.00 1.15 0.00	35.94 1.23 0.00	36.57 1.27 0.00	37.36 1.22 0.00	40.38 1.49 0.02	56.27 2.00 0.01	77.64 2.78 0.00	83.19 2.92 0.00	37.77 1.39 0.00	33.21 1.23 0.00	30.02 1.16 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.06 1.04 0.00	33.90 1.23 0.00	34.06 1.36 0.00	38.00 1.61 0.00	44.61 1.99 0.00	55.56 2.55 0.00	47.68 2.09 0.00	46.41 2.32 0.00	43.20 2.04 0.00	39.87 1.75 0.00
KINTIGH____ 23543	27.36 -2.94 4.76	31.56 -2.98 1.31	27.73 -2.77 4.22	27.60 -2.87 4.83	28.00 -3.01 5.13	30.37 -3.45 5.08	44.20 -4.57 5.51	58.67 -6.91 9.28	65.58 -7.00 7.70	29.28 -2.65 4.45	26.61 -2.00 3.37	23.38 -1.58 3.89	22.72 -1.07 3.43	30.65 -1.30 0.00	29.39 -1.37 1.26	27.44 -1.49 3.73	26.30 -1.91 4.49	29.10 -2.27 5.01	34.11 -2.86 5.66	42.81 -3.56 6.64	38.48 -3.04 4.08	40.18 -3.01 0.90	38.88 -2.28 0.00	36.20 -1.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.42 -0.64 0.00	35.34 -0.51 0.00	34.21 -0.51 0.00	34.92 -0.39 0.00	35.77 -0.38 0.00	38.34 -0.57 0.00	53.09 -1.18 0.00	74.39 -0.47 0.00	80.41 0.14 0.00	36.41 0.02 0.00	32.11 0.13 0.00	28.70 -0.16 0.00	26.62 -0.59 0.00	31.00 -0.94 0.00	-12.08 -0.90 43.21	31.92 -0.75 0.00	31.93 -0.77 0.00	29.48 -1.11 5.80	-24.09 -0.89 65.83	-24.04 -1.15 75.90	-22.06 -1.12 66.53	-21.51 -0.85 64.74	-23.21 -0.63 63.75	-20.86 -0.83 58.15
LACHUTE__HYDRO 323717	37.13 2.08 0.00	38.10 2.25 0.00	36.88 2.16 0.00	37.55 2.25 0.00	38.56 2.42 0.00	41.50 2.60 0.00	58.44 4.16 0.00	82.03 7.18 0.00	88.03 7.76 0.00	38.77 2.39 0.00	33.30 1.32 0.00	29.69 0.83 0.00	27.85 0.64 0.00	33.22 1.28 0.00	33.90 1.87 0.00	34.70 2.03 0.00	35.58 2.88 0.00	40.01 3.63 0.00	47.21 4.59 0.00	58.29 5.29 0.00	50.17 4.58 0.00	48.54 4.45 0.00	45.05 3.88 0.00	41.75 3.63 0.00
LAWRNCV_115KV_TB1 80681	35.05 -0.01 0.00	35.77 -0.08 0.00	34.49 -0.23 0.00	34.98 -0.33 0.00	35.79 -0.35 0.00	38.47 -0.44 0.00	53.62 -0.66 0.00	74.11 -0.75 0.00	79.44 -0.83 0.00	36.08 -0.30 0.00	31.70 -0.28 0.00	28.59 -0.27 0.00	26.84 -0.37 0.00	31.32 -0.62 0.00	36.85 -0.65 -5.47	32.06 -0.61 0.00	32.00 -0.70 0.00	36.29 -0.83 -0.73	49.97 -0.99 -8.33	61.52 -1.09 -9.60	53.15 -0.86 -8.42	51.66 -0.63 -8.19	48.94 -0.29 -8.06	45.22 -0.25 -7.36
LEDERLE____ 23769	36.32 1.26 0.00	37.11 1.26 0.00	36.01 1.29 0.00	36.64 1.34 0.00	37.57 1.43 0.00	40.70 1.80 0.00	56.79 2.52 0.00	78.35 3.49 0.00	83.85 3.58 0.00	37.90 1.52 0.00	33.25 1.27 0.00	30.01 1.16 0.00	28.25 1.04 0.00	33.10 1.16 0.00	33.20 1.17 0.00	33.99 1.32 0.00	34.17 1.48 0.00	38.13 1.75 0.00	44.82 2.20 0.00	55.72 2.71 0.00	47.80 2.21 0.00	46.19 2.10 0.00	42.80 1.63 0.00	39.46 1.34 0.00
LIGHTHSE_115KV_TB6 355974	34.38 -0.67 0.00	35.06 -0.79 0.00	33.80 -0.92 0.00	34.25 -1.05 0.00	35.09 -1.06 0.00	37.73 -1.18 0.00	52.75 -1.53 0.00	72.77 -2.09 0.00	77.93 -2.34 0.00	35.34 -1.04 0.00	31.06 -0.92 0.00	28.06 -0.79 0.00	26.60 -0.61 0.00	31.44 -0.50 0.00	31.39 -0.63 0.00	32.01 -0.66 0.00	31.96 -0.74 0.00	35.47 -0.91 0.00	41.58 -1.05 0.00	51.97 -1.04 0.00	44.81 -0.78 0.00	43.21 -0.88 0.00	40.33 -0.84 0.00	37.35 -0.77 0.00
LINDEN COGEN____ 23786	36.27 1.21 0.00	37.09 1.24 0.00	36.00 1.28 0.00	36.61 1.31 0.00	37.51 1.37 0.00	40.56 1.65 0.00	56.54 2.26 0.00	77.99 3.13 0.00	83.41 3.14 0.00	37.82 1.44 0.00	33.22 1.23 0.00	30.02 1.16 0.00	28.25 1.04 0.00	33.01 1.07 0.00	33.12 1.09 0.00	33.94 1.28 0.00	34.09 1.40 0.00	38.04 1.66 0.00	44.81 2.18 0.00	55.70 2.70 0.00	47.77 2.18 0.00	46.19 2.10 0.00	42.80 1.63 0.00	39.46 1.34 0.00
LINDHRST_69_KV_BK1 356055	36.78 1.73 0.00	37.72 1.87 0.00	36.62 1.90 0.00	37.30 2.00 0.00	38.22 2.08 0.00	41.51 2.61 0.00	57.97 3.69 0.00	79.72 4.86 0.00	85.46 5.19 0.00	38.57 2.19 0.00	33.73 1.75 0.00	30.23 1.38 0.00	28.44 1.23 0.00	33.26 1.32 0.00	33.36 1.33 0.00	37.98 1.73 -3.59	34.68 1.98 0.00	38.61 2.23 0.00	45.64 3.01 0.00	56.59 3.58 0.00	48.19 2.60 0.00	46.84 2.74 0.00	43.41 2.24 0.00	39.99 1.87 0.00
LIPA_MISC_IPP 23656	36.09 1.03 0.00	37.07 1.22 0.00	36.13 1.41 0.00	36.91 1.61 0.00	37.84 1.69 0.00	41.31 2.40 0.00	57.83 3.55 0.00	79.54 4.68 0.00	85.13 4.86 0.00	38.30 1.92 0.00	33.43 1.45 0.00	29.81 0.96 0.00	27.98 0.77 0.00	32.71 0.78 0.00	32.82 0.79 0.00	35.31 1.24 -1.40	34.33 1.63 0.00	38.25 1.87 0.00	45.23 2.60 0.00	55.84 2.84 0.00	47.08 1.49 0.00	45.87 1.77 0.00	42.49 1.33 0.00	39.12 1.00 0.00
LISF__SOLAR 323691	36.13 1.07 0.00	37.10 1.25 0.00	36.16 1.44 0.00	36.95 1.65 0.00	37.89 1.74 0.00	41.36 2.46 0.00	57.94 3.66 0.00	79.67 4.81 0.00	85.25 4.98 0.00	38.33 1.95 0.00	33.43 1.45 0.00	29.81 0.95 0.00	27.97 0.76 0.00	32.71 0.77 0.00	32.80 0.77 0.00	35.34 1.25 -1.42	34.34 1.64 0.00	38.27 1.88 0.00	45.31 2.68 0.00	55.94 2.93 0.00	47.13 1.54 0.00	45.93 1.84 0.00	42.55 1.38 0.00	39.16 1.04 0.00

LITTLE FALLS___HYD 24013	34.97 -0.09 0.00	35.79 -0.07 0.00	34.63 -0.09 0.00	35.21 -0.09 0.00	36.12 -0.03 0.00	39.00 0.09 0.00	54.56 0.28 0.00	75.31 0.45 0.00	79.93 -0.34 0.00	35.28 -1.10 0.00	30.78 -1.20 0.00	27.73 -1.13 0.00	26.04 -1.17 0.00	31.17 -0.77 0.00	31.50 -0.52 0.00	31.82 -0.85 0.00	32.37 -0.33 0.00	36.37 -0.01 0.00	42.69 0.07 0.00	53.07 0.07 0.00	45.65 0.06 0.00	44.11 0.01 0.00	40.90 -0.27 0.00	37.73 -0.39 0.00
LITTLRIV_115KV_TB1 356100	35.59 0.54 0.00	36.33 0.48 0.00	35.03 0.31 0.00	35.52 0.22 0.00	36.36 0.22 0.00	39.07 0.17 0.00	54.52 0.24 0.00	75.30 0.44 0.00	80.51 0.24 0.00	36.36 -0.03 0.00	31.86 -0.12 0.00	28.85 0.00 0.00	27.16 -0.05 0.00	31.61 -0.33 0.00	37.78 -0.27 -6.02	32.58 -0.09 0.00	32.53 -0.17 0.00	36.96 -0.23 -0.81	51.58 -0.21 -9.16	63.44 -0.13 -10.56	54.81 -0.04 -9.26	53.25 0.14 -9.01	50.46 0.43 -8.87	46.61 0.40 -8.09
LI_NEWBRDGE___DRP 323616	36.40 1.35 0.00	37.29 1.44 0.00	36.22 1.51 0.00	36.90 1.59 0.00	37.80 1.66 0.00	40.99 2.09 0.00	57.16 2.89 0.00	78.68 3.82 0.00	84.30 4.03 0.00	38.12 1.74 0.00	33.40 1.42 0.00	29.99 1.14 0.00	28.22 1.01 0.00	33.01 1.07 0.00	33.09 1.06 0.00	34.10 1.43 0.00	34.27 1.57 0.00	38.19 1.81 0.00	45.06 2.43 0.00	55.84 2.83 0.00	47.66 2.07 0.00	46.26 2.17 0.00	42.90 1.74 0.00	39.56 1.44 0.00
LOCKPORT_115KV_TB60_63_64 80432	24.64 -3.53 6.89	30.28 -3.60 1.97	24.98 -3.40 6.34	24.52 -3.52 7.25	24.78 -3.65 7.71	27.12 -4.15 7.64	40.50 -5.49 8.28	52.97 -8.35 13.54	60.17 -8.54 11.57	26.45 -3.25 6.69	24.40 -2.51 5.07	21.03 -1.98 5.85	20.69 -1.37 5.15	30.34 -1.61 0.00	28.42 -1.71 1.90	25.09 -1.97 5.61	23.47 -2.49 6.75	25.97 -2.88 7.53	30.56 -3.56 8.51	38.61 -4.42 9.98	35.76 -3.71 6.13	39.12 -3.62 1.35	38.52 -2.64 0.00	35.88 -2.24 0.00
LOCKPORT___CC1 323769	23.46 -3.51 8.08	29.88 -3.61 2.36	23.75 -3.38 7.59	23.15 -3.47 8.69	23.34 -3.57 9.23	25.68 -4.08 9.15	38.90 -5.46 9.92	50.59 -8.32 15.95	57.96 -8.46 13.85	25.17 -3.20 8.01	23.41 -2.49 6.07	19.87 -1.98 7.00	19.64 -1.41 6.17	30.28 -1.66 0.00	27.99 -1.76 2.27	23.98 -1.97 6.71	22.19 -2.43 8.08	24.56 -2.81 9.02	28.89 -3.54 10.19	36.67 -4.39 11.95	34.55 -3.71 7.34	38.82 -3.66 1.62	38.49 -2.68 0.00	35.83 -2.29 0.00
LOCKPORT___CC2 323770	23.46 -3.51 8.08	29.88 -3.61 2.36	23.75 -3.38 7.59	23.15 -3.47 8.69	23.34 -3.57 9.23	25.68 -4.08 9.15	38.90 -5.46 9.92	50.59 -8.32 15.95	57.96 -8.46 13.85	25.17 -3.20 8.01	23.41 -2.49 6.07	19.87 -1.98 7.00	19.64 -1.41 6.17	30.28 -1.66 0.00	27.99 -1.76 2.27	23.98 -1.97 6.71	22.19 -2.43 8.08	24.56 -2.81 9.02	28.89 -3.54 10.19	36.67 -4.39 11.95	34.55 -3.71 7.34	38.82 -3.66 1.62	38.49 -2.68 0.00	35.83 -2.29 0.00
LOCKPORT___CC3 323771	23.46 -3.51 8.08	29.88 -3.61 2.36	23.75 -3.38 7.59	23.15 -3.47 8.69	23.34 -3.57 9.23	25.68 -4.08 9.15	38.90 -5.46 9.92	50.59 -8.32 15.95	57.96 -8.46 13.85	25.17 -3.20 8.01	23.41 -2.49 6.07	19.87 -1.98 7.00	19.64 -1.41 6.17	30.28 -1.66 0.00	27.99 -1.76 2.27	23.98 -1.97 6.71	22.19 -2.43 8.08	24.56 -2.81 9.02	28.89 -3.54 10.19	36.67 -4.39 11.95	34.55 -3.71 7.34	38.82 -3.66 1.62	38.49 -2.68 0.00	35.83 -2.29 0.00
LONG_LAKE_PHOENIX 24014	34.24 -0.81 0.00	35.01 -0.84 0.00	33.93 -0.79 0.00	34.48 -0.82 0.00	35.30 -0.85 0.00	37.97 -0.94 0.00	53.05 -1.23 0.00	73.11 -1.75 0.00	78.42 -1.85 0.00	35.58 -0.80 0.00	31.35 -0.63 0.00	28.34 -0.52 0.00	26.72 -0.49 0.00	31.45 -0.49 0.00	31.55 -0.47 0.00	32.19 -0.48 0.00	32.13 -0.57 0.00	35.64 -0.75 0.00	41.70 -0.93 0.00	51.97 -1.03 0.00	44.69 -0.90 0.00	43.13 -0.96 0.00	40.26 -0.91 0.00	37.30 -0.82 0.00
LOVETT___3 23632	36.15 1.09 0.00	36.96 1.11 0.00	35.87 1.15 0.00	36.50 1.20 0.00	37.41 1.27 0.00	40.42 1.51 0.00	56.37 2.09 0.00	77.76 2.90 0.00	83.22 2.94 0.00	37.63 1.25 0.00	33.01 1.03 0.00	29.79 0.93 0.00	28.04 0.83 0.00	32.82 0.88 0.00	32.93 0.90 0.00	33.74 1.07 0.00	33.91 1.21 0.00	37.85 1.47 0.00	44.59 1.96 0.00	55.43 2.43 0.00	47.54 1.95 0.00	45.95 1.85 0.00	42.59 1.42 0.00	39.27 1.15 0.00
LOVETT___4 23642	36.15 1.09 0.00	36.96 1.11 0.00	35.87 1.15 0.00	36.50 1.20 0.00	37.41 1.27 0.00	40.42 1.51 0.00	56.37 2.09 0.00	77.76 2.90 0.00	83.22 2.94 0.00	37.63 1.25 0.00	33.01 1.03 0.00	29.79 0.93 0.00	28.04 0.83 0.00	32.82 0.88 0.00	32.93 0.90 0.00	33.74 1.07 0.00	33.91 1.21 0.00	37.85 1.47 0.00	44.59 1.96 0.00	55.43 2.43 0.00	47.54 1.95 0.00	45.95 1.85 0.00	42.59 1.42 0.00	39.27 1.15 0.00
LOVETT___5 23593	36.15 1.09 0.00	36.96 1.11 0.00	35.87 1.15 0.00	36.50 1.20 0.00	37.41 1.27 0.00	40.42 1.51 0.00	56.37 2.09 0.00	77.76 2.90 0.00	83.22 2.94 0.00	37.63 1.25 0.00	33.01 1.03 0.00	29.79 0.93 0.00	28.04 0.83 0.00	32.82 0.88 0.00	32.93 0.90 0.00	33.74 1.07 0.00	33.91 1.21 0.00	37.85 1.47 0.00	44.59 1.96 0.00	55.43 2.43 0.00	47.54 1.95 0.00	45.95 1.85 0.00	42.59 1.42 0.00	39.27 1.15 0.00
LOWER RAQUET___HYD 24057	34.92 -0.13 0.00	35.65 -0.21 0.00	34.35 -0.37 0.00	34.82 -0.48 0.00	35.64 -0.50 0.00	38.30 -0.61 0.00	53.39 -0.88 0.00	73.81 -1.05 0.00	79.12 -1.15 0.00	35.90 -0.48 0.00	31.53 -0.45 0.00	28.44 -0.41 0.00	26.67 -0.54 0.00	31.13 -0.81 0.00	37.72 -0.84 -6.53	31.89 -0.77 0.00	31.84 -0.86 0.00	36.25 -1.01 -0.88	51.37 -1.19 -9.94	63.12 -1.34 -11.46	54.60 -1.04 -10.05	53.08 -0.79 -9.78	50.34 -0.45 -9.63	46.49 -0.40 -8.78
LOWER___HUDSON 24059	35.97 0.91 0.00	36.83 0.98 0.00	35.65 0.94 0.00	36.28 0.98 0.00	37.15 1.01 0.00	40.02 1.12 0.00	55.85 1.58 0.00	77.12 2.26 0.00	82.56 2.29 0.00	37.13 0.75 0.00	32.51 0.52 0.00	29.28 0.42 0.00	27.54 0.33 0.00	32.36 0.42 0.00	32.61 0.58 0.00	33.26 0.59 0.00	33.50 0.80 0.00	37.44 1.06 0.00	43.97 1.34 0.00	54.50 1.49 0.00	46.92 1.33 0.00	45.39 1.29 0.00	42.24 1.07 0.00	39.06 0.94 0.00
LOWVILLE_115KV_TB2 356335	35.11 0.05 0.00	35.67 -0.18 0.00	33.99 -0.73 0.00	34.17 -1.13 0.00	35.08 -1.07 0.00	37.71 -1.20 0.00	52.65 -1.62 0.00	72.91 -1.95 0.00	77.98 -2.29 0.00	35.29 -1.09 0.00	30.92 -1.07 0.00	27.88 -0.98 0.00	26.59 -0.62 0.00	31.57 -0.37 0.00	33.04 -0.86 -1.87	31.73 -0.93 0.00	31.83 -0.87 0.00	35.76 -0.87 -0.25	44.29 -1.18 -2.84	55.32 -0.96 -3.28	48.07 -0.39 -2.87	46.28 -0.61 -2.79	43.47 -0.45 -2.75	40.17 -0.47 -2.51
LUTHERFT_115KV_GLOB_FND_222 355753	36.46 1.40 0.00	37.31 1.46 0.00	36.13 1.41 0.00	36.77 1.47 0.00	37.65 1.51 0.00	40.59 1.69 0.00	56.72 2.44 0.00	78.36 3.50 0.00	83.81 3.54 0.00	37.57 1.19 0.00	32.80 0.82 0.00	29.53 0.68 0.00	27.81 0.60 0.00	32.79 0.85 0.00	33.17 1.14 0.00	33.73 1.06 0.00	34.04 1.34 0.00	38.10 1.72 0.00	44.67 2.05 0.00	55.46 2.45 0.00	47.74 2.15 0.00	46.14 2.04 0.00	42.92 1.75 0.00	39.70 1.58 0.00

LUTHERNY_35_KV_BK2 355980	36.45 1.39 0.00	37.31 1.46 0.00	36.11 1.40 0.00	36.76 1.46 0.00	37.63 1.48 0.00	40.60 1.69 0.00	56.79 2.51 0.00	78.38 3.52 0.00	83.82 3.55 0.00	37.56 1.18 0.00	32.80 0.82 0.00	29.52 0.67 0.00	27.81 0.60 0.00	32.82 0.88 0.00	33.20 1.17 0.00	33.71 1.05 0.00	34.08 1.38 0.00	38.12 1.74 0.00	44.71 2.08 0.00	55.52 2.51 0.00	47.78 2.19 0.00	46.16 2.07 0.00	42.96 1.80 0.00	39.74 1.62 0.00
LWR___OSWEGATCHIE_HYD 23850	34.66 -0.39 0.00	35.29 -0.56 0.00	33.82 -0.89 0.00	34.15 -1.15 0.00	35.01 -1.14 0.00	37.61 -1.29 0.00	52.52 -1.76 0.00	72.67 -2.20 0.00	77.77 -2.50 0.00	35.25 -1.14 0.00	30.91 -1.07 0.00	27.87 -0.98 0.00	26.38 -0.83 0.00	31.05 -0.89 0.00	35.34 -1.12 -4.43	31.53 -1.14 0.00	31.54 -1.16 0.00	35.71 -1.27 -0.59	47.84 -1.53 -6.75	59.20 -1.58 -7.78	51.30 -1.11 -6.82	49.66 -1.07 -6.64	46.89 -0.81 -6.54	43.30 -0.78 -5.96
LYONS_FALL_HYD 23570	35.33 0.27 0.00	35.94 0.09 0.00	34.47 -0.25 0.00	34.81 -0.49 0.00	35.71 -0.44 0.00	38.41 -0.49 0.00	53.67 -0.61 0.00	74.20 -0.66 0.00	79.42 -0.85 0.00	35.93 -0.46 0.00	31.52 -0.47 0.00	28.41 -0.44 0.00	27.02 -0.19 0.00	31.94 0.00 0.00	32.99 -0.28 -1.24	32.37 -0.30 0.00	32.46 -0.24 0.00	36.34 -0.21 -0.17	44.17 -0.34 -1.89	55.07 -0.11 -2.18	47.68 0.18 -1.91	45.95 0.00 -1.85	43.04 0.05 -1.83	39.77 -0.02 -1.67
MADISON___COUNTY_LFGE 323628	35.55 0.49 0.00	36.27 0.42 0.00	35.09 0.37 0.00	35.65 0.34 0.00	36.53 0.39 0.00	39.34 0.44 0.00	55.03 0.75 0.00	75.95 1.09 0.00	81.30 1.02 0.00	36.79 0.41 0.00	32.35 0.37 0.00	29.12 0.27 0.00	27.60 0.39 0.00	32.41 0.47 0.00	32.56 0.53 0.00	33.24 0.57 0.00	33.35 0.65 0.00	37.07 0.68 0.00	43.39 0.77 0.00	54.08 1.07 0.00	46.54 0.95 0.00	44.90 0.81 0.00	41.86 0.69 0.00	38.73 0.61 0.00
MALONE___115KV_TB1 356076	34.98 -0.08 0.00	35.82 -0.03 0.00	34.55 -0.17 0.00	35.17 -0.13 0.00	35.95 -0.20 0.00	38.57 -0.34 0.00	53.70 -0.58 0.00	74.71 -0.15 0.00	80.46 0.19 0.00	36.53 0.15 0.00	32.11 0.13 0.00	28.78 -0.08 0.00	26.92 -0.29 0.00	31.36 -0.58 0.00	59.48 -0.60 -28.06	32.16 -0.51 0.00	32.17 -0.53 0.00	39.40 -0.74 -3.76	84.42 -0.91 -42.70	101.23 -1.01 -49.23	87.96 -0.79 -43.16	85.49 -0.61 -42.00	82.22 -0.30 -41.35	75.54 -0.30 -37.72
MAPLEWOD_115KV_TB3 80458	35.90 0.85 0.00	36.72 0.87 0.00	35.57 0.86 0.00	36.20 0.90 0.00	37.07 0.92 0.00	39.94 1.03 0.00	55.69 1.41 0.00	76.89 2.03 0.00	82.26 1.99 0.00	37.07 0.69 0.00	32.48 0.50 0.00	29.27 0.41 0.00	27.56 0.35 0.00	32.38 0.44 0.00	32.66 0.63 0.00	33.30 0.63 0.00	33.48 0.78 0.00	37.42 1.03 0.00	43.91 1.29 0.00	54.48 1.48 0.00	46.87 1.27 0.00	45.33 1.24 0.00	42.16 1.00 0.00	39.00 0.88 0.00
MAPLE_RIDGE_WT_1 323574	34.57 -0.49 0.00	35.01 -0.85 0.00	33.65 -1.07 0.00	34.23 -1.07 0.00	35.09 -1.05 0.00	37.72 -1.19 0.00	52.62 -1.65 0.00	72.69 -2.17 0.00	78.24 -2.03 0.00	35.65 -0.73 0.00	31.35 -0.63 0.00	28.20 -0.66 0.00	26.66 -0.54 0.00	31.47 -0.47 0.00	31.31 -0.72 0.00	31.72 -0.95 0.00	31.60 -1.10 0.00	35.17 -1.22 0.00	41.24 -1.38 0.00	51.59 -1.41 0.00	44.65 -0.94 0.00	43.28 -0.81 0.00	40.47 -0.70 0.00	37.54 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	34.57 -0.49 0.00	35.01 -0.85 0.00	33.65 -1.07 0.00	34.23 -1.07 0.00	35.09 -1.05 0.00	37.72 -1.19 0.00	52.62 -1.65 0.00	72.69 -2.17 0.00	78.24 -2.03 0.00	35.65 -0.73 0.00	31.35 -0.63 0.00	28.20 -0.66 0.00	26.66 -0.54 0.00	31.47 -0.47 0.00	31.31 -0.72 0.00	31.72 -0.95 0.00	31.60 -1.10 0.00	35.17 -1.22 0.00	41.24 -1.38 0.00	51.59 -1.41 0.00	44.65 -0.94 0.00	43.28 -0.81 0.00	40.47 -0.70 0.00	37.54 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	33.54 -1.51 0.00	34.55 -1.30 0.00	33.50 -1.22 0.00	34.27 -1.03 0.00	35.18 -0.96 0.00	37.62 -1.28 0.00	51.95 -2.33 0.00	73.16 -1.70 0.00	79.36 -0.91 0.00	36.01 -0.37 0.00	31.79 -0.19 0.00	28.36 -0.50 0.00	26.12 -1.09 0.00	30.39 -1.56 0.00	-12.30 -1.51 42.82	31.25 -1.42 0.00	31.26 -1.44 0.00	28.71 -1.93 5.75	-23.78 -1.17 65.24	-23.78 -1.57 75.21	-22.11 -1.77 65.93	-21.46 -1.40 64.16	-23.08 -1.08 63.18	-21.00 -1.49 57.63
MARSHVLE_115KV_TB1 80742	36.78 1.72 0.00	37.59 1.74 0.00	36.33 1.61 0.00	36.90 1.60 0.00	37.77 1.63 0.00	40.61 1.71 0.00	56.76 2.49 0.00	78.13 3.27 0.00	83.27 3.00 0.00	37.29 0.91 0.00	32.75 0.77 0.00	29.60 0.74 0.00	28.10 0.89 0.00	33.38 1.44 0.00	33.47 1.44 0.00	33.75 1.08 0.00	34.08 1.38 0.00	37.99 1.61 0.00	44.51 1.88 0.00	55.52 2.52 0.00	47.77 2.18 0.00	46.11 2.02 0.00	43.14 1.97 0.00	39.95 1.83 0.00
MARSH_HILL_WT_PWR 323713	52.51 -4.05 -21.50	40.01 -3.95 -8.11	57.11 -3.70 -26.09	61.37 -3.80 -29.87	64.47 -3.43 -31.75	66.62 -3.75 -31.46	83.21 -5.17 -34.10	112.34 -7.45 -44.93	120.24 -7.65 -47.62	60.55 -3.37 -27.53	49.60 -3.27 -20.88	49.85 -3.08 -24.07	45.54 -2.88 -21.20	28.77 -3.17 0.00	36.54 -3.31 -7.82	52.39 -3.37 -23.09	57.00 -3.48 -27.78	63.69 -3.70 -31.01	73.27 -4.41 -35.05	88.88 -5.19 -41.07	66.41 -4.42 -25.23	45.52 -4.15 -5.57	38.20 -2.97 0.00	35.77 -2.35 0.00
MCINTYRE_115KV_TB2 80467	36.02 0.96 0.00	36.77 0.92 0.00	35.47 0.76 0.00	35.99 0.69 0.00	36.84 0.69 0.00	39.59 0.69 0.00	55.25 0.97 0.00	76.25 1.39 0.00	81.45 1.18 0.00	36.72 0.33 0.00	32.19 0.20 0.00	29.17 0.31 0.00	27.54 0.33 0.00	31.98 0.03 0.00	37.41 0.19 -5.19	33.04 0.36 0.00	32.98 0.28 0.00	37.33 0.25 -0.70	50.91 0.39 -7.90	62.72 0.61 -9.11	54.14 0.56 -7.99	52.57 0.71 -7.77	49.78 0.96 -7.65	46.00 0.90 -6.98
MECO_____69_KV_BK1 80468	37.10 2.05 0.00	37.91 2.06 0.00	36.67 1.95 0.00	37.27 1.97 0.00	38.16 2.01 0.00	41.08 2.18 0.00	57.43 3.16 0.00	79.12 4.26 0.00	83.72 3.45 0.00	37.03 0.64 0.00	32.31 0.33 0.00	29.22 0.36 0.00	27.66 0.45 0.00	33.12 1.18 0.00	33.63 1.60 0.00	33.66 0.99 0.00	34.44 1.74 0.00	38.53 2.15 0.00	45.27 2.64 0.00	56.48 3.48 0.00	48.59 3.00 0.00	46.90 2.81 0.00	43.75 2.58 0.00	40.45 2.33 0.00
MENANDS___115KV_TB5 355628	35.74 0.69 0.00	36.58 0.73 0.00	35.43 0.71 0.00	36.05 0.75 0.00	36.91 0.77 0.00	39.78 0.88 0.00	55.44 1.17 0.00	76.54 1.68 0.00	81.90 1.63 0.00	36.96 0.57 0.00	32.40 0.42 0.00	29.21 0.35 0.00	27.50 0.29 0.00	32.30 0.36 0.00	32.52 0.49 0.00	33.18 0.51 0.00	33.38 0.68 0.00	37.25 0.86 0.00	43.71 1.08 0.00	54.21 1.21 0.00	46.63 1.04 0.00	45.10 1.01 0.00	41.95 0.79 0.00	38.81 0.69 0.00
MG INDUSTRY___DRP 24185	35.81 0.76 0.00	36.64 0.79 0.00	35.50 0.78 0.00	36.12 0.81 0.00	36.99 0.84 0.00	39.84 0.94 0.00	55.57 1.30 0.00	76.63 1.77 0.00	81.78 1.51 0.00	36.81 0.43 0.00	32.23 0.25 0.00	29.09 0.23 0.00	27.41 0.21 0.00	32.28 0.34 0.00	32.57 0.54 0.00	33.08 0.41 0.00	33.35 0.65 0.00	37.28 0.90 0.00	43.75 1.12 0.00	54.32 1.32 0.00	46.73 1.13 0.00	45.18 1.09 0.00	42.06 0.89 0.00	38.92 0.80 0.00

MID___OSWEGATCHIE_HYD 23849	34.66 -0.39 0.00	35.29 -0.56 0.00	33.82 -0.89 0.00	34.15 -1.15 0.00	35.01 -1.14 0.00	37.61 -1.29 0.00	52.52 -1.76 0.00	72.67 -2.20 0.00	77.77 -2.50 0.00	35.25 -1.14 0.00	30.91 -1.07 0.00	27.87 -0.98 0.00	26.38 -0.83 0.00	31.05 -0.89 0.00	35.34 -1.12 -4.43	31.53 -1.14 0.00	31.54 -1.16 0.00	35.71 -1.27 -0.59	47.84 -1.53 -6.75	59.20 -1.58 -7.78	51.30 -1.11 -6.82	49.66 -1.07 -6.64	46.89 -0.81 -6.54	43.30 -0.78 -5.96
MID___RAQUETTE_HYD 23851	34.92 -0.14 0.00	35.64 -0.20 0.00	34.35 -0.37 0.00	34.83 -0.48 0.00	35.64 -0.50 0.00	38.30 -0.61 0.00	53.40 -0.88 0.00	73.81 -1.05 0.00	79.12 -1.16 0.00	35.91 -0.48 0.00	31.53 -0.45 0.00	28.44 -0.41 0.00	26.67 -0.54 0.00	31.13 -0.81 0.00	37.73 -0.83 -6.53	31.89 -0.77 0.00	31.84 -0.86 0.00	36.25 -1.00 -0.88	51.38 -1.19 -9.94	63.14 -1.32 -11.46	54.60 -1.04 -10.05	53.09 -0.79 -9.78	50.35 -0.45 -9.63	46.49 -0.41 -8.78
MILLIKEN___1 23584	40.40 0.01 -5.33	36.46 0.00 -0.60	36.73 0.07 -1.94	37.59 0.07 -2.23	38.60 0.09 -2.37	41.27 0.02 -2.35	56.97 0.15 -2.54	84.25 0.18 -9.21	84.12 0.30 -3.55	38.56 0.12 -2.05	33.74 0.20 -1.56	30.81 0.16 -1.80	28.77 -0.02 -1.58	32.16 0.22 0.00	32.90 0.29 -0.58	34.74 0.35 -1.72	35.07 0.30 -2.07	39.00 0.30 -2.31	45.66 0.41 -2.61	56.58 0.51 -3.06	47.86 0.39 -1.88	44.80 0.29 -0.42	41.44 0.27 0.00	38.41 0.29 0.00
MILLIKEN___2 23585	40.40 0.01 -5.33	36.46 0.00 -0.60	36.73 0.07 -1.94	37.59 0.07 -2.23	38.60 0.09 -2.37	41.27 0.02 -2.35	56.97 0.15 -2.54	84.25 0.18 -9.21	84.12 0.30 -3.55	38.56 0.12 -2.05	33.74 0.20 -1.56	30.81 0.16 -1.80	28.77 -0.02 -1.58	32.16 0.22 0.00	32.90 0.29 -0.58	34.74 0.35 -1.72	35.07 0.30 -2.07	39.00 0.30 -2.31	45.66 0.41 -2.61	56.58 0.51 -3.06	47.86 0.39 -1.88	44.80 0.29 -0.42	41.44 0.27 0.00	38.41 0.29 0.00
MILLIKEN___DIESEL 23629	40.40 0.01 -5.33	36.46 0.00 -0.60	36.73 0.07 -1.94	37.59 0.07 -2.23	38.60 0.09 -2.37	41.27 0.02 -2.35	56.97 0.15 -2.54	84.25 0.18 -9.21	84.12 0.30 -3.55	38.56 0.12 -2.05	33.74 0.20 -1.56	30.81 0.16 -1.80	28.77 -0.02 -1.58	32.16 0.22 0.00	32.90 0.29 -0.58	34.74 0.35 -1.72	35.07 0.30 -2.07	39.00 0.30 -2.31	45.66 0.41 -2.61	56.58 0.51 -3.06	47.86 0.39 -1.88	44.80 0.29 -0.42	41.44 0.27 0.00	38.41 0.29 0.00
MILLSEAT___LFGE 323607	26.77 -2.61 5.67	31.57 -2.69 1.59	27.10 -2.51 5.10	26.86 -2.60 5.84	27.24 -2.69 6.21	29.67 -3.08 6.15	43.61 -3.99 6.67	57.61 -6.16 11.09	64.82 -6.14 9.32	28.69 -2.31 5.39	26.02 -1.87 4.09	22.78 -1.37 4.71	22.37 -0.69 4.15	31.11 -0.83 0.00	29.55 -0.95 1.53	26.99 -1.16 4.52	25.65 -1.61 5.43	28.46 -1.86 6.07	33.44 -2.33 6.86	42.22 -2.74 8.04	38.37 -2.28 4.94	40.65 -2.35 1.09	39.60 -1.57 0.00	36.77 -1.35 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.28 1.22 0.00	37.12 1.27 0.00	36.01 1.29 0.00	36.64 1.34 0.00	37.54 1.39 0.00	40.56 1.65 0.00	56.57 2.30 0.00	78.04 3.18 0.00	83.54 3.27 0.00	37.78 1.39 0.00	33.15 1.17 0.00	29.91 1.05 0.00	28.14 0.93 0.00	32.95 1.01 0.00	33.06 1.03 0.00	33.87 1.20 0.00	34.04 1.34 0.00	37.99 1.61 0.00	44.75 2.12 0.00	55.61 2.60 0.00	47.71 2.12 0.00	46.12 2.02 0.00	42.75 1.58 0.00	39.43 1.31 0.00
MILLWOOD_13_KV_LOAD 356217	36.32 1.26 0.00	37.15 1.30 0.00	36.05 1.33 0.00	36.68 1.38 0.00	37.58 1.44 0.00	40.61 1.71 0.00	56.63 2.36 0.00	78.14 3.28 0.00	83.63 3.36 0.00	37.82 1.44 0.00	33.18 1.20 0.00	29.94 1.08 0.00	28.17 0.96 0.00	32.98 1.04 0.00	33.09 1.06 0.00	33.91 1.24 0.00	34.07 1.38 0.00	38.04 1.66 0.00	44.80 2.18 0.00	55.69 2.69 0.00	47.77 2.18 0.00	46.17 2.08 0.00	42.80 1.63 0.00	39.48 1.37 0.00
MODEL_CITY_ENERGY 24167	24.60 -3.79 6.66	30.07 -3.89 1.89	24.98 -3.67 6.07	24.59 -3.77 6.95	24.86 -3.90 7.39	27.17 -4.42 7.32	40.41 -5.93 7.93	52.79 -9.00 13.06	60.02 -9.17 11.08	26.49 -3.49 6.40	24.42 -2.70 4.86	21.07 -2.18 5.60	20.69 -1.59 4.93	30.07 -1.87 0.00	28.24 -1.97 1.82	25.10 -2.20 5.37	23.56 -2.68 6.46	26.07 -3.10 7.21	30.58 -3.90 8.15	38.60 -4.85 9.55	35.62 -4.11 5.87	38.77 -4.03 1.30	38.16 -3.01 0.00	35.52 -2.60 0.00
MODERN_LFGE___ 323580	24.60 -3.79 6.66	30.07 -3.89 1.89	24.98 -3.67 6.07	24.59 -3.77 6.95	24.86 -3.90 7.39	27.17 -4.42 7.32	40.41 -5.93 7.93	52.79 -9.00 13.06	60.02 -9.17 11.08	26.49 -3.49 6.40	24.42 -2.70 4.86	21.07 -2.18 5.60	20.69 -1.59 4.93	30.07 -1.87 0.00	28.24 -1.97 1.82	25.10 -2.20 5.37	23.56 -2.68 6.46	26.07 -3.10 7.21	30.58 -3.90 8.15	38.60 -4.85 9.55	35.62 -4.11 5.87	38.77 -4.03 1.30	38.16 -3.01 0.00	35.52 -2.60 0.00
MOHAWK_PAPER___DRP 24187	35.90 0.85 0.00	36.72 0.87 0.00	35.57 0.86 0.00	36.20 0.90 0.00	37.07 0.92 0.00	39.94 1.03 0.00	55.69 1.41 0.00	76.89 2.03 0.00	82.26 1.99 0.00	37.07 0.69 0.00	32.48 0.50 0.00	29.27 0.41 0.00	27.56 0.35 0.00	32.38 0.44 0.00	32.66 0.63 0.00	33.30 0.63 0.00	33.48 0.78 0.00	37.42 1.03 0.00	43.91 1.29 0.00	54.48 1.48 0.00	46.87 1.27 0.00	45.33 1.24 0.00	42.16 1.00 0.00	39.00 0.88 0.00
MOHICAN___35_KV_115KV_LD 80490	36.71 1.65 0.00	37.57 1.73 0.00	36.38 1.67 0.00	37.03 1.74 0.00	37.95 1.81 0.00	40.91 2.00 0.00	57.47 3.19 0.00	80.32 5.46 0.00	85.94 5.67 0.00	38.09 1.71 0.00	32.93 0.94 0.00	29.55 0.70 0.00	27.80 0.59 0.00	33.09 1.15 0.00	33.73 1.71 0.00	34.37 1.71 0.00	34.87 2.17 0.00	39.33 2.95 0.00	46.19 3.56 0.00	57.35 4.34 0.00	49.40 3.81 0.00	47.69 3.59 0.00	44.30 3.14 0.00	41.04 2.92 0.00
MONGAUP___HYD 23641	36.47 1.41 0.00	37.27 1.42 0.00	36.13 1.41 0.00	36.75 1.45 0.00	37.67 1.52 0.00	40.67 1.76 0.00	56.60 2.33 0.00	77.37 2.51 0.00	83.75 3.48 0.00	37.63 1.25 0.00	32.81 0.83 0.00	29.62 0.77 0.00	27.72 0.51 0.00	32.67 0.73 0.00	32.61 0.59 0.00	33.61 0.94 0.00	33.56 0.86 0.00	37.86 1.48 0.00	44.44 1.82 0.00	55.48 2.48 0.00	47.38 1.79 0.00	46.07 1.98 0.00	42.77 1.60 0.00	39.69 1.57 0.00
MONTAUK___DIESEL 23721	35.03 -0.03 0.00	36.61 0.76 0.00	35.58 0.86 0.00	36.24 0.94 0.00	37.08 0.94 0.00	41.28 2.38 0.00	57.85 3.58 0.00	80.04 5.18 0.00	84.32 4.05 0.00	37.54 1.16 0.00	32.55 0.57 0.00	28.92 0.06 0.00	27.49 0.29 0.00	32.42 0.49 0.00	32.53 0.51 0.00	35.11 1.04 -1.40	34.18 1.48 0.00	38.24 1.86 0.00	45.30 2.68 0.00	55.10 2.10 0.00	45.75 0.16 0.00	44.58 0.49 0.00	41.24 0.08 0.00	37.90 -0.21 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.79 -3.92 3.35	31.18 -3.99 0.68	29.11 -3.41 2.19	29.37 -3.42 2.51	30.09 -3.38 2.67	32.66 -3.60 2.65	46.96 -4.45 2.87	61.81 -6.86 6.19	68.79 -7.47 4.00	31.21 -2.86 2.31	27.99 -2.24 1.76	24.96 -1.87 2.02	24.41 -1.02 1.78	30.91 -1.03 0.00	29.62 -1.75 0.66	28.65 -2.07 1.94	28.16 -2.20 2.33	31.38 -2.40 2.61	37.14 -2.54 2.95	46.75 -2.81 3.45	41.13 -2.34 2.12	41.64 -1.99 0.47	40.56 -0.61 0.00	37.96 -0.15 0.00

MORRIS_RIDGE___SOLAR 323848	-20.28 -3.52 51.82	15.65 -3.57 16.63	-22.07 -3.31 53.48	-29.28 -3.36 61.22	-32.14 -3.21 65.08	-29.15 -3.57 64.49	-20.53 -4.91 69.90	-36.49 -7.07 104.28	-24.76 -7.42 97.60	-23.40 -3.34 56.44	-13.82 -3.00 42.81	-23.14 -2.64 49.35	-18.66 -2.41 43.46	29.47 -2.47 0.00	13.31 -2.69 16.02	-17.42 -2.76 47.33	-27.04 -2.81 56.94	-30.21 -3.04 63.55	-32.90 -3.68 71.85	-35.60 -4.40 84.19	-9.94 -3.81 51.72	29.01 -3.66 11.42	38.41 -2.76 0.00	35.88 -2.24 0.00
MORTIMER_115KV_TB3 55949	32.53 -1.85 0.68	33.96 -1.89 0.00	32.97 -1.75 0.00	33.48 -1.82 0.00	34.23 -1.91 0.00	36.72 -2.18 0.00	51.45 -2.82 0.00	69.53 -4.27 1.06	76.04 -4.23 0.00	34.80 -1.58 0.00	30.77 -1.22 0.00	27.95 -0.90 0.00	26.73 -0.48 0.00	31.38 -0.56 0.00	31.41 -0.62 0.00	31.94 -0.73 0.00	31.65 -1.05 0.00	35.12 -1.26 0.00	41.05 -1.57 0.00	51.10 -1.90 0.00	44.00 -1.60 0.00	42.43 -1.67 0.00	39.93 -1.24 0.00	37.08 -1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.51 1.45 0.00	37.35 1.51 0.00	36.25 1.54 0.00	36.88 1.58 0.00	37.76 1.62 0.00	40.82 1.92 0.00	56.92 2.64 0.00	78.50 3.64 0.00	84.07 3.80 0.00	38.08 1.70 0.00	33.44 1.46 0.00	30.18 1.33 0.00	28.42 1.21 0.00	33.23 1.29 0.00	33.34 1.31 0.00	34.17 1.50 0.00	34.33 1.63 0.00	38.30 1.92 0.00	45.09 2.46 0.00	56.03 3.02 0.00	48.06 2.46 0.00	46.48 2.39 0.00	43.08 1.91 0.00	39.74 1.62 0.00
MUNSVILLE_WIND_PWR 323609	39.57 1.40 -3.11	37.44 1.14 -0.45	37.21 1.05 -1.44	37.94 0.99 -1.65	39.00 1.11 -1.76	41.94 1.30 -1.74	58.00 1.84 -1.88	82.63 2.27 -5.50	85.26 2.36 -2.63	38.88 0.97 -1.52	34.02 0.88 -1.15	30.95 0.76 -1.33	28.87 0.49 -1.17	32.93 0.98 0.00	33.27 0.81 -0.43	34.56 0.61 -1.28	34.37 0.14 -1.54	38.42 0.32 -1.71	45.26 0.70 -1.94	56.11 0.84 -2.27	47.58 0.59 -1.39	44.86 0.46 -0.31	41.55 0.38 0.00	38.47 0.36 0.00
N SALMON___HYD 24042	34.98 -0.08 0.00	35.82 -0.03 0.00	34.55 -0.17 0.00	35.17 -0.13 0.00	35.95 -0.20 0.00	38.56 -0.34 0.00	53.70 -0.57 0.00	74.71 -0.15 0.00	80.46 0.19 0.00	36.53 0.15 0.00	32.11 0.13 0.00	28.78 -0.08 0.00	26.92 -0.29 0.00	31.36 -0.58 -28.06	59.46 -0.62 0.00	32.15 -0.51 0.00	32.17 -0.53 0.00	39.40 -0.75 -3.76	84.40 -0.93 -42.70	101.20 -1.04 -49.23	87.94 -0.81 -43.16	85.46 -0.63 -42.00	82.19 -0.33 -41.35	75.53 -0.32 -37.72
N.AKRON__115KV_KNAPP 355671	26.27 -2.73 6.05	31.34 -2.80 1.71	26.60 -2.63 5.49	26.29 -2.73 6.28	26.64 -2.82 6.68	29.06 -3.23 6.62	42.93 -4.17 7.17	56.58 -6.42 11.86	63.79 -6.46 10.02	28.16 -2.43 5.79	25.65 -1.94 4.40	22.38 -1.41 5.07	22.00 -0.75 4.46	31.05 -0.89 0.00	29.38 -1.01 1.65	26.55 -1.26 4.86	25.11 -1.75 5.85	27.83 -2.03 6.52	32.75 -2.50 7.38	41.38 -2.99 8.64	37.79 -2.49 5.31	40.42 -2.50 1.17	39.47 -1.69 0.00	36.70 -1.42 0.00
N.BELMOR_69_KV_BK1 55787	36.65 1.59 0.00	37.54 1.69 0.00	36.46 1.74 0.00	37.12 1.82 0.00	38.03 1.88 0.00	41.25 2.35 0.00	57.54 3.26 0.00	79.19 4.33 0.00	84.81 4.54 0.00	38.38 1.99 0.00	33.60 1.62 0.00	30.16 1.30 0.00	28.38 1.17 0.00	33.19 1.25 0.00	33.25 1.22 -8.41	42.74 1.66 0.00	34.50 1.80 0.00	38.43 2.05 0.00	45.40 2.77 0.00	56.26 3.25 0.00	48.02 2.43 0.00	46.63 2.54 0.00	43.23 2.06 0.00	39.86 1.74 0.00
N.E_GEN_SANDY PD 24062	36.11 1.06 0.00	36.99 1.14 0.00	35.85 1.13 0.00	36.49 1.19 0.00	37.36 1.22 0.00	40.26 1.35 0.00	56.14 1.87 0.00	77.57 2.71 0.00	83.86 2.81 -0.78	37.42 1.04 0.00	31.87 0.79 0.90	29.53 0.67 0.00	27.76 0.55 0.00	32.40 0.60 0.14	32.70 0.67 0.00	33.20 0.75 0.21	33.90 0.97 -0.23	37.08 1.19 0.49	44.22 1.60 0.00	54.19 1.80 0.61	50.40 1.57 -3.24	45.62 1.52 0.00	42.39 1.22 0.00	39.17 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.20 1.15 0.00	37.01 1.16 0.00	35.91 1.19 0.00	36.54 1.24 0.00	37.47 1.32 0.00	40.49 1.59 0.00	56.49 2.22 0.00	77.91 3.06 0.00	83.38 3.11 0.00	37.69 1.31 0.00	33.06 1.08 0.00	29.84 0.98 0.00	28.08 0.87 0.00	32.90 0.96 0.00	32.99 0.96 0.00	33.80 1.13 0.00	33.97 1.27 0.00	37.93 1.54 0.00	44.66 2.04 0.00	55.51 2.51 0.00	47.62 2.03 0.00	46.02 1.93 0.00	42.64 1.47 0.00	39.34 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	36.52 1.47 0.00	37.35 1.50 -0.01	36.29 1.56 -0.01	36.90 1.59 0.00	37.74 1.59 0.00	40.75 1.84 0.00	56.81 2.53 0.00	78.40 3.53 -0.01	83.96 3.70 0.00	38.13 1.74 0.00	33.51 1.53 0.00	30.26 1.40 -0.01	28.51 1.29 -0.01	33.34 1.39 0.00	33.45 1.42 -0.01	34.31 1.64 0.00	34.41 1.72 0.00	38.37 1.98 0.00	45.14 2.52 0.00	56.11 3.10 0.00	48.12 2.53 -0.01	46.43 2.33 -0.01	43.09 1.92 -0.01	39.73 1.61 -0.01
N.TROY___115KV_TB1 355778	35.97 0.91 0.00	36.83 0.98 0.00	35.66 0.94 0.00	36.28 0.98 0.00	37.16 1.01 0.00	40.03 1.13 0.00	55.85 1.58 0.00	77.12 2.26 0.00	82.57 2.30 0.00	37.14 0.76 0.00	32.51 0.53 0.00	29.28 0.42 0.00	27.54 0.33 0.00	32.36 0.41 0.00	32.61 0.58 0.00	33.27 0.60 0.00	33.51 0.81 0.00	37.45 1.07 0.00	43.97 1.34 0.00	54.49 1.49 0.00	46.93 1.34 0.00	45.38 1.29 0.00	42.23 1.06 0.00	39.06 0.94 0.00
NARROWS_GT1_1 24228	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT1_2 24229	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT1_3 24230	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT1_4 24231	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25

NARROWS_GT1_5 24232	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT1_6 24233	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT1_7 24234	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT1_8 24235	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_1 24236	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_2 24237	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_3 24238	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_4 24239	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_5 24240	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_6 24241	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_7 24242	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NARROWS_GT2_8 24243	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.53 1.47 0.00	37.36 1.51 0.00	36.19 1.47 0.00	36.82 1.52 0.00	37.70 1.55 0.00	40.65 1.75 0.00	56.74 2.47 0.00	78.39 3.53 0.00	83.69 3.42 0.00	37.53 1.15 0.00	32.67 0.69 0.00	29.41 0.56 0.00	27.71 0.50 0.00	32.59 0.66 0.00	32.99 0.96 0.00	33.64 0.97 0.00	33.76 1.06 0.00	37.99 1.61 0.00	44.78 2.15 0.00	55.60 2.59 0.00	47.83 2.24 0.00	46.20 2.11 0.00	42.99 1.82 0.00	39.74 1.62 0.00
NCHELSEA_115KV_TR2 355582	36.56 1.51 0.00	37.41 1.56 0.00	36.28 1.56 0.00	36.92 1.62 0.00	37.82 1.67 0.00	40.84 1.93 0.00	56.99 2.71 0.00	78.67 3.81 0.00	84.22 3.95 0.00	38.04 1.66 0.00	33.32 1.34 0.00	30.05 1.19 0.00	28.25 1.04 0.00	33.12 1.18 0.00	33.25 1.22 0.00	34.02 1.36 0.00	34.25 1.55 0.00	38.24 1.85 0.00	45.05 2.43 0.00	56.04 3.03 0.00	48.10 2.51 0.00	46.48 2.38 0.00	43.09 1.93 0.00	39.76 1.64 0.00
NEG CAPITAL___MECHNVIL 23645	36.50 1.44 0.00	37.35 1.50 0.00	36.16 1.45 0.00	36.81 1.51 0.00	37.69 1.55 0.00	40.63 1.72 0.00	56.75 2.48 0.00	78.41 3.55 0.00	83.87 3.60 0.00	37.61 1.23 0.00	32.87 0.88 0.00	29.59 0.73 0.00	27.86 0.65 0.00	32.84 0.90 0.00	33.22 1.19 0.00	33.78 1.11 0.00	34.08 1.38 0.00	38.13 1.75 0.00	44.75 2.12 0.00	55.51 2.50 0.00	47.79 2.20 0.00	46.19 2.10 0.00	42.96 1.80 0.00	39.73 1.62 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.52 -2.05 0.48	33.74 -2.11 0.00	32.76 -1.96 0.00	33.30 -2.00 0.00	34.08 -2.06 0.00	36.57 -2.34 0.00	51.22 -3.06 0.00	69.59 -4.51 0.76	75.73 -4.54 0.00	34.61 -1.77 0.00	30.58 -1.40 0.00	27.66 -1.19 0.00	26.38 -0.83 0.00	31.01 -0.93 0.00	31.07 -0.96 0.00	31.64 -1.03 0.00	31.40 -1.29 0.00	34.89 -1.49 0.00	40.80 -1.83 0.00	50.76 -2.24 0.00	43.68 -1.91 0.00	42.10 -2.00 0.00	39.52 -1.64 0.00	36.66 -1.46 0.00
NEG CENTRAL___DRP 24199	35.71 -0.86 -1.53	35.73 -0.87 -0.76	36.40 -0.75 -2.44	37.33 -0.76 -2.79	38.37 -0.74 -2.96	40.94 -0.91 -2.94	56.28 -1.17 -3.18	76.54 -1.76 -3.44	83.02 -1.69 -4.45	38.33 -0.62 -2.57	33.46 -0.48 -1.95	30.64 -0.47 -2.25	28.77 -0.42 -1.98	31.70 -0.25 0.00	32.51 -0.25 -0.73	34.53 -0.29 -2.16	34.90 -0.40 -2.59	38.87 -0.41 -2.90	45.37 -0.53 -3.27	56.14 -0.70 -3.84	47.35 -0.60 -2.36	43.98 -0.63 -0.52	40.70 -0.47 0.00	37.78 -0.34 0.00
NEG CENTRAL___INDECK 23768	56.15 -1.62 -22.71	42.34 -1.66 -8.15	59.41 -1.51 -26.20	63.74 -1.55 -30.00	66.53 -1.50 -31.89	68.84 -1.66 -31.60	86.45 -2.07 -34.25	118.68 -3.07 -46.89	125.03 -3.06 -47.82	62.50 -1.54 -27.65	51.38 -1.58 -20.97	51.85 -1.18 -24.18	47.58 -0.92 -21.29	31.16 -0.78 0.00	38.94 -0.94 -7.85	54.83 -1.03 -23.19	59.47 -1.13 -27.90	66.31 -1.21 -31.14	76.59 -1.24 -35.20	93.08 -1.18 -41.25	69.99 -0.94 -25.34	48.69 -1.00 -5.60	40.60 -0.56 0.00	37.74 -0.38 0.00
NEG CENTRAL___SENECA 23627	36.16 -1.09 -2.19	35.93 -1.13 -1.21	37.62 -0.98 -3.88	38.76 -0.98 -4.44	39.91 -0.96 -4.72	42.44 -1.14 -4.68	57.84 -1.50 -5.07	77.71 -2.24 -5.10	85.16 -2.19 -7.07	39.69 -0.79 -4.09	34.46 -0.62 -3.10	31.81 -0.63 -3.58	29.82 -0.54 -3.15	31.58 -0.36 0.00	32.81 -0.38 -1.16	35.67 -0.42 -3.43	36.27 -0.55 -4.13	40.46 -0.53 -4.61	47.14 -0.69 -5.21	58.23 -0.88 -6.10	48.59 -0.75 -3.75	44.14 -0.78 -0.83	40.63 -0.54 0.00	37.75 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	35.11 -0.37 -0.42	35.56 -0.28 0.00	34.53 -0.19 0.00	35.12 -0.18 0.00	35.98 -0.16 0.00	38.53 -0.38 0.00	53.84 -0.44 0.00	74.86 -0.67 -0.66	79.80 -0.47 0.00	36.20 -0.18 0.00	31.96 -0.03 0.00	28.77 -0.08 0.00	27.11 -0.10 0.00	32.06 0.12 0.00	32.17 0.14 0.00	32.75 0.08 0.00	32.76 0.06 0.00	36.42 0.03 0.00	42.65 0.03 0.00	52.87 -0.14 0.00	45.46 -0.13 0.00	43.91 -0.18 0.00	41.08 -0.09 0.00	38.11 -0.01 0.00
NEG MILLWOOD___DRP 24198	36.68 1.62 0.00	37.53 1.68 0.00	36.40 1.68 0.00	37.05 1.74 0.00	37.94 1.80 0.00	40.99 2.09 0.00	57.22 2.94 0.00	78.99 4.13 0.00	84.58 4.31 0.00	38.24 1.86 0.00	33.50 1.52 0.00	30.21 1.35 0.00	28.40 1.19 0.00	33.26 1.32 0.00	33.39 1.36 0.00	34.18 1.51 0.00	34.40 1.70 0.00	38.39 2.00 0.00	45.23 2.60 0.00	56.25 3.25 0.00	48.28 2.68 0.00	46.64 2.55 0.00	43.24 2.08 0.00	39.89 1.77 0.00
NEG NORTH_FLCN_SEA 23793	34.09 -0.97 0.00	35.03 -0.82 0.00	33.95 -0.76 0.00	34.66 -0.64 0.00	35.52 -0.62 0.00	38.08 -0.82 0.00	52.67 -1.61 0.00	73.91 -0.95 0.00	79.95 -0.32 0.00	36.21 -0.17 0.00	31.95 -0.03 0.00	28.56 -0.30 0.00	26.45 -0.76 0.00	30.80 -1.14 0.00	-11.94 -1.14 42.83	31.69 -0.97 0.00	31.69 -1.00 0.00	29.24 -1.40 5.75	-23.76 -1.14 65.25	-23.69 -1.46 75.23	-21.79 -1.44 65.94	-21.23 -1.15 64.17	-22.96 -0.94 63.19	-20.70 -1.18 57.64
NEG NORTH_KES_CHATEGAY 23792	34.54 -0.52 0.00	35.42 -0.43 0.00	34.22 -0.50 0.00	34.89 -0.41 0.00	35.62 -0.53 0.00	38.18 -0.73 0.00	53.08 -1.19 0.00	73.94 -0.92 0.00	79.74 -0.53 0.00	36.23 -0.15 0.00	31.93 -0.05 0.00	28.60 -0.26 0.00	26.68 -0.53 0.00	31.08 -0.86 0.00	-14.16 -0.95 45.23	31.83 -0.84 0.00	31.82 -0.88 0.00	29.13 -1.18 6.07	-27.70 -1.42 68.92	-28.09 -1.64 79.45	-25.45 -1.40 69.65	-24.90 -1.22 67.77	-26.47 -0.91 66.73	-23.60 -0.85 60.88
NEG NORTH___ALICE_FALLS 23915	34.42 -0.64 0.00	35.34 -0.51 0.00	34.21 -0.51 0.00	34.92 -0.39 0.00	35.77 -0.38 0.00	38.34 -0.57 0.00	53.09 -1.18 0.00	74.39 -0.47 0.00	80.41 0.14 0.00	36.41 0.02 0.00	32.11 0.13 0.00	28.70 -0.16 0.00	26.62 -0.59 0.00	31.00 -0.94 0.00	-12.08 -0.90 43.21	31.92 -0.75 0.00	31.93 -0.77 0.00	29.48 -1.11 5.80	-24.09 -0.89 65.83	-24.04 -1.15 75.90	-22.06 -1.12 66.53	-21.51 -0.85 64.74	-23.21 -0.63 63.75	-20.86 -0.83 58.15
NEG NORTH___LWR_SARANAC 23913	34.42 -0.64 0.00	35.34 -0.51 0.00	34.21 -0.51 0.00	34.92 -0.39 0.00	35.77 -0.38 0.00	38.34 -0.57 0.00	53.09 -1.18 0.00	74.39 -0.47 0.00	80.41 0.14 0.00	36.41 0.02 0.00	32.11 0.13 0.00	28.70 -0.16 0.00	26.62 -0.59 0.00	31.00 -0.94 0.00	-12.08 -0.90 43.21	31.92 -0.75 0.00	31.93 -0.77 0.00	29.48 -1.11 5.80	-24.09 -0.89 65.83	-24.04 -1.15 75.90	-22.06 -1.12 66.53	-21.51 -0.85 64.74	-23.21 -0.63 63.75	-20.86 -0.83 58.15
NEG NORTH___PLATTSBURG 23628	34.42 -0.64 0.00	35.33 -0.51 0.00	34.21 -0.51 0.00	34.92 -0.39 0.00	35.77 -0.38 0.00	38.33 -0.57 0.00	53.09 -1.18 0.00	74.39 -0.47 0.00	80.41 0.14 0.00	36.41 0.02 0.00	32.10 0.12 0.00	28.70 -0.16 0.00	26.62 -0.59 0.00	31.00 -0.94 0.00	-12.10 -0.92 43.21	31.92 -0.75 0.00	31.93 -0.77 0.00	29.47 -1.11 5.80	-24.15 -0.94 65.83	-24.13 -1.23 75.90	-22.11 -1.17 66.53	-21.56 -0.91 64.74	-23.27 -0.69 63.75	-20.89 -0.86 58.15
NEG WEST_LEA_LOCKPORT 23791	23.42 -3.55 8.08	29.85 -3.64 2.36	23.71 -3.42 7.59	23.08 -3.54 8.69	23.26 -3.65 9.23	25.60 -4.15 9.15	38.81 -5.54 9.92	50.52 -8.39 15.95	57.87 -8.56 13.85	25.10 -3.27 8.01	23.36 -2.55 6.07	19.84 -2.02 7.00	19.63 -1.42 6.17	30.28 -1.66 0.00	27.98 -1.77 2.27	23.94 -2.02 6.71	22.11 -2.52 8.08	24.45 -2.92 9.02	28.83 -3.60 10.19	36.57 -4.49 11.95	34.48 -3.78 7.34	38.80 -3.68 1.62	38.47 -2.70 0.00	35.84 -2.28 0.00
NEG WEST___LANCASTER 23811	28.21 -2.42 4.43	32.43 -2.36 1.07	29.11 -2.18 3.43	29.06 -2.32 3.93	29.52 -2.45 4.17	31.94 -2.83 4.14	46.19 -3.60 4.48	60.91 -5.53 8.42	68.42 -5.60 6.26	30.66 -2.11 3.62	27.75 -1.49 2.74	24.55 -1.15 3.16	23.78 -0.65 2.79	31.42 -0.52 0.00	30.22 -0.78 1.03	28.67 -0.96 3.03	27.67 -1.38 3.65	30.66 -1.65 4.07	35.85 -2.17 4.61	44.95 -2.66 5.40	40.00 -2.27 3.32	41.23 -2.14 0.73	39.83 -1.34 0.00	37.17 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	33.91 -0.59 0.55	35.22 -0.63 0.00	34.19 -0.52 0.00	34.76 -0.54 0.00	35.62 -0.53 0.00	38.32 -0.59 0.00	53.57 -0.71 0.00	72.92 -1.07 0.86	79.25 -1.02 0.00	35.89 -0.49 0.00	31.64 -0.34 0.00	28.61 -0.25 0.00	27.01 -0.20 0.00	31.74 -0.20 0.00	31.78 -0.25 0.00	32.50 -0.16 0.00	32.51 -0.19 0.00	36.19 -0.20 0.00	42.31 -0.32 0.00	52.65 -0.35 0.00	45.20 -0.39 0.00	43.63 -0.46 0.00	40.74 -0.43 0.00	37.80 -0.32 0.00
NEG___GEN_MONROE 24207	31.41 -1.78 1.86	33.64 -1.82 0.39	31.77 -1.69 1.26	32.10 -1.76 1.44	32.77 -1.85 1.53	35.25 -2.14 1.52	49.92 -2.71 1.65	67.27 -4.13 3.46	73.90 -4.08 2.30	33.56 -1.50 1.33	29.77 -1.20 1.00	26.81 -0.88 1.16	25.83 -0.36 1.02	31.55 -0.39 0.00	31.18 -0.48 0.38	30.93 -0.63 1.11	30.41 -0.95 1.34	33.74 -1.15 1.49	39.52 -1.42 1.69	49.38 -1.65 1.98	42.99 -1.39 1.22	42.37 -1.46 0.27	40.16 -1.01 0.00	37.28 -0.84 0.00

NEPA__ENERGY 23901	27.83 -2.88 4.35	31.88 -2.94 1.03	28.86 -2.54 3.32	28.94 -2.56 3.80	29.57 -2.53 4.04	32.07 -2.83 4.00	46.35 -3.58 4.34	61.07 -5.54 8.25	68.53 -5.68 6.06	30.46 -2.42 3.50	27.48 -1.84 2.66	24.37 -1.42 3.06	23.64 -0.87 2.70	30.96 -0.98 0.00	29.68 -1.36 0.99	28.29 -1.44 2.94	27.54 -1.62 3.53	30.62 -1.82 3.95	35.87 -2.30 4.46	45.08 -2.70 5.23	39.99 -2.38 3.21	41.11 -2.28 0.71	39.58 -1.58 0.00	36.99 -1.13 0.00
NEVERSINK__HYD 23608	36.50 1.45 0.00	37.31 1.46 0.00	36.17 1.45 0.00	36.80 1.50 0.00	37.74 1.59 0.00	40.74 1.83 0.00	56.86 2.58 0.00	78.44 3.58 0.00	84.00 3.73 0.00	37.93 1.55 0.00	33.11 1.13 0.00	29.88 1.03 0.00	28.07 0.86 0.00	33.01 1.07 0.00	33.08 1.05 0.00	33.87 1.20 0.00	33.98 1.29 0.00	38.06 1.68 0.00	44.96 2.33 0.00	55.94 2.93 0.00	48.02 2.43 0.00	46.40 2.30 0.00	43.04 1.88 0.00	39.72 1.61 0.00
NEWKRMKL_115KV_TB1 55635	35.67 0.61 0.00	36.49 0.64 0.00	35.35 0.64 0.00	35.97 0.67 0.00	36.83 0.69 0.00	39.69 0.79 0.00	55.35 1.08 0.00	76.39 1.54 0.00	81.73 1.46 0.00	36.89 0.50 0.00	32.34 0.36 0.00	29.17 0.31 0.00	27.47 0.26 0.00	32.28 0.34 0.00	32.50 0.47 0.00	33.14 0.47 0.00	33.34 0.64 0.00	37.19 0.81 0.00	43.64 1.02 0.00	54.15 1.15 0.00	46.57 0.98 0.00	45.03 0.94 0.00	41.88 0.72 0.00	38.74 0.62 0.00
NEWTON__FALLS_HYD 23847	34.66 -0.39 0.00	35.29 -0.56 0.00	33.82 -0.89 0.00	34.15 -1.15 0.00	35.01 -1.14 0.00	37.61 -1.29 0.00	52.52 -1.76 0.00	72.67 -2.20 0.00	77.77 -2.50 0.00	35.25 -1.14 0.00	30.91 -1.07 0.00	27.87 -0.98 0.00	26.38 -0.83 0.00	31.05 -0.89 0.00	35.34 -1.12 -4.43	31.53 -1.14 0.00	31.54 -1.16 0.00	35.71 -1.27 -0.59	47.84 -1.53 -6.75	59.20 -1.58 -7.78	51.30 -1.11 -6.82	49.66 -1.07 -6.64	46.89 -0.81 -6.54	43.30 -0.78 -5.96
NGRID_A1_DSASP 323792	24.67 -3.83 6.56	30.08 -3.92 1.85	25.08 -3.68 5.95	24.71 -3.78 6.81	24.97 -3.93 7.24	27.24 -4.48 7.18	40.47 -6.02 7.78	52.83 -9.18 12.85	60.07 -9.33 10.86	26.60 -3.50 6.28	24.54 -2.67 4.76	21.20 -2.16 5.49	20.79 -1.58 4.84	30.06 -1.88 0.00	28.26 -1.98 1.78	25.23 -2.17 5.27	23.70 -2.66 6.34	26.21 -3.10 7.07	30.69 -3.94 8.00	38.66 -4.97 9.37	35.63 -4.21 5.76	38.69 -4.13 1.27	38.04 -3.12 0.00	35.44 -2.69 0.00
NGRID_A2_DSASP 323793	24.67 -3.83 6.56	30.08 -3.92 1.85	25.08 -3.68 5.95	24.71 -3.78 6.81	24.97 -3.93 7.24	27.24 -4.48 7.18	40.47 -6.02 7.78	52.83 -9.18 12.85	60.07 -9.33 10.86	26.60 -3.50 6.28	24.54 -2.67 4.76	21.20 -2.16 5.49	20.79 -1.58 4.84	30.06 -1.88 0.00	28.26 -1.98 1.78	25.23 -2.17 5.27	23.70 -2.66 6.34	26.21 -3.10 7.07	30.69 -3.94 8.00	38.66 -4.97 9.37	35.63 -4.21 5.76	38.69 -4.13 1.27	38.04 -3.12 0.00	35.44 -2.69 0.00
NGRID_A4_DSASP 323807	24.67 -3.83 6.56	30.08 -3.92 1.85	25.08 -3.68 5.95	24.71 -3.78 6.81	24.97 -3.93 7.24	27.24 -4.48 7.18	40.47 -6.02 7.78	52.83 -9.18 12.85	60.07 -9.33 10.86	26.60 -3.50 6.28	24.54 -2.67 4.76	21.20 -2.16 5.49	20.79 -1.58 4.84	30.06 -1.88 0.00	28.26 -1.98 1.78	25.23 -2.17 5.27	23.70 -2.66 6.34	26.21 -3.10 7.07	30.69 -3.94 8.00	38.66 -4.97 9.37	35.63 -4.21 5.76	38.69 -4.13 1.27	38.04 -3.12 0.00	35.44 -2.69 0.00
NIAGARA_115E_LBMP 323715	24.54 -3.97 6.55	29.94 -4.07 1.85	24.94 -3.84 5.94	24.55 -3.95 6.80	24.83 -4.09 7.23	27.10 -4.64 7.16	40.30 -6.21 7.76	52.58 -9.45 12.83	59.81 -9.62 10.84	26.44 -3.67 6.27	24.38 -2.85 4.75	21.06 -2.32 5.48	20.66 -1.72 4.83	29.91 -2.03 0.00	28.13 -2.12 1.78	25.06 -2.36 5.25	23.53 -2.85 6.32	26.03 -3.30 7.06	30.52 -4.13 7.98	38.50 -5.15 9.35	35.47 -4.38 5.74	38.54 -4.28 1.27	37.94 -3.23 0.00	35.31 -2.81 0.00
NIAGARA_115W_LBMP 323714	24.55 -3.92 6.59	29.98 -4.01 1.86	24.95 -3.78 5.99	24.57 -3.88 6.86	24.82 -4.03 7.29	27.10 -4.58 7.22	40.27 -6.18 7.83	52.56 -9.38 12.91	59.79 -9.55 10.93	26.45 -3.61 6.32	24.42 -2.77 4.79	21.08 -2.25 5.53	20.68 -1.66 4.87	29.97 -1.98 0.00	28.15 -2.08 1.80	25.09 -2.27 5.30	23.56 -2.76 6.37	26.06 -3.21 7.12	30.51 -4.07 8.05	38.45 -5.13 9.43	35.46 -4.34 5.79	38.55 -4.26 1.28	37.92 -3.24 0.00	35.32 -2.80 0.00
NIAGARA_230_LBMP 323716	24.74 -3.54 6.77	30.30 -3.62 1.93	25.14 -3.37 6.21	24.72 -3.47 7.11	24.97 -3.62 7.56	27.28 -4.14 7.49	40.62 -5.54 8.11	53.11 -8.45 13.30	60.36 -8.58 11.33	26.62 -3.21 6.55	24.56 -2.45 4.97	21.17 -1.96 5.73	20.77 -1.39 5.05	30.24 -1.70 0.00	28.39 -1.78 1.86	25.25 -1.92 5.49	23.70 -2.39 6.61	26.20 -2.80 7.38	30.69 -3.59 8.34	38.72 -4.51 9.77	35.76 -3.82 6.00	38.97 -3.80 1.33	38.32 -2.85 0.00	35.69 -2.43 0.00
NIAGARA__115KV_198_GIBSON 55903	24.51 -3.96 6.59	29.94 -4.05 1.86	24.91 -3.82 5.99	24.49 -3.95 6.86	24.73 -4.12 7.29	27.01 -4.67 7.22	40.21 -6.24 7.83	52.48 -9.46 12.91	59.67 -9.67 10.93	26.38 -3.68 6.32	24.37 -2.82 4.79	21.04 -2.28 5.53	20.66 -1.68 4.87	29.97 -1.98 0.00	28.14 -2.09 1.80	25.05 -2.32 5.30	23.48 -2.84 6.37	25.94 -3.32 7.12	30.44 -4.14 8.05	38.34 -5.24 9.43	35.38 -4.42 5.79	38.53 -4.28 1.28	37.91 -3.26 0.00	35.33 -2.79 0.00
NIAGARA____ 23760	24.94 -3.54 6.58	30.37 -3.62 1.87	25.36 -3.37 5.99	24.98 -3.47 6.85	25.24 -3.62 7.28	27.54 -4.14 7.23	40.84 -5.54 7.89	53.34 -8.45 13.07	60.58 -8.58 11.11	26.77 -3.21 6.40	24.68 -2.45 4.85	21.31 -1.96 5.59	20.90 -1.39 4.92	30.24 -1.70 0.00	28.43 -1.78 1.82	25.38 -1.92 5.36	23.86 -2.39 6.45	26.36 -2.80 7.21	30.87 -3.59 8.16	38.91 -4.51 9.58	35.88 -3.82 5.88	39.00 -3.80 1.30	38.32 -2.85 0.00	35.69 -2.43 0.00
NINE_MILE_1 23575	33.98 -1.08 0.00	34.77 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.03 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.68 -1.59 0.00	72.62 -2.25 0.00	77.91 -2.36 0.00	35.36 -1.03 0.00	31.13 -0.85 0.00	28.12 -0.73 0.00	26.56 -0.65 0.00	31.21 -0.73 0.00	31.30 -0.73 0.00	31.92 -0.75 0.00	31.89 -0.81 0.00	35.38 -1.00 0.00	41.35 -1.28 0.00	51.43 -1.57 0.00	44.24 -1.35 0.00	42.74 -1.36 0.00	39.92 -1.25 0.00	37.01 -1.11 0.00
NINE_MILE_2 23744	33.98 -1.08 0.00	34.77 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.04 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.67 -1.60 0.00	72.62 -2.25 0.00	77.90 -2.37 0.00	35.36 -1.03 0.00	31.13 -0.85 0.00	28.12 -0.74 0.00	26.56 -0.65 0.00	31.21 -0.73 0.00	31.29 -0.73 0.00	31.92 -0.75 0.00	31.88 -0.82 0.00	35.38 -1.00 0.00	41.35 -1.28 0.00	51.43 -1.57 0.00	44.23 -1.36 0.00	42.73 -1.36 0.00	39.92 -1.25 0.00	37.00 -1.12 0.00
NM_CAPITAL__DRP 24208	35.69 0.63 0.00	36.52 0.67 0.00	35.38 0.66 0.00	36.00 0.70 0.00	36.86 0.72 0.00	39.72 0.81 0.00	55.36 1.09 0.00	76.44 1.58 0.00	81.80 1.53 0.00	36.91 0.53 0.00	32.36 0.38 0.00	29.18 0.32 0.00	27.47 0.26 0.00	32.26 0.32 0.00	32.48 0.45 0.00	33.14 0.47 0.00	33.32 0.63 0.00	37.19 0.81 0.00	43.64 1.01 0.00	54.12 1.12 0.00	46.56 0.97 0.00	45.03 0.94 0.00	41.90 0.73 0.00	38.75 0.63 0.00

NM_CENTRAL___DRP 24181	34.48 -0.58 0.00	35.26 -0.59 0.00	34.19 -0.53 0.00	34.76 -0.54 0.00	35.59 -0.55 0.00	38.28 -0.62 0.00	53.48 -0.79 0.00	73.71 -1.15 0.00	79.08 -1.19 0.00	35.90 -0.49 0.00	31.62 -0.36 0.00	28.57 -0.28 0.00	26.98 -0.22 0.00	31.72 -0.22 0.00	31.84 -0.19 0.00	32.50 -0.17 0.00	32.46 -0.24 0.00	36.05 -0.33 0.00	42.15 -0.47 0.00	52.45 -0.56 0.00	45.12 -0.48 0.00	43.54 -0.55 0.00	40.66 -0.51 0.00	37.66 -0.45 0.00
NM_FRONTIER___DRP 24179	24.51 -3.96 6.59	29.94 -4.05 1.86	24.91 -3.82 5.99	24.49 -3.95 6.86	24.73 -4.12 7.29	27.01 -4.67 7.22	40.21 -6.24 7.83	52.48 -9.46 12.91	59.67 -9.67 10.93	26.38 -3.68 6.32	24.37 -2.82 4.79	21.04 -2.28 5.53	20.66 -1.68 4.87	29.97 -1.98 0.00	28.14 -2.09 1.80	25.05 -2.32 5.30	23.48 -2.84 6.37	25.94 -3.32 7.12	30.44 -4.14 8.05	38.34 -5.24 9.43	35.38 -4.42 5.79	38.53 -4.28 1.28	37.91 -3.26 0.00	35.33 -2.79 0.00
NM_ST_REGIS___HYD 24053	34.95 -0.11 0.00	35.70 -0.15 0.00	34.41 -0.31 0.00	34.93 -0.37 0.00	35.73 -0.41 0.00	38.37 -0.53 0.00	53.48 -0.80 0.00	74.08 -0.78 0.00	79.52 -0.75 0.00	36.09 -0.30 0.00	31.70 -0.28 0.00	28.54 -0.31 0.00	26.75 -0.46 0.00	31.18 -0.76 0.00	42.21 -0.78 -10.96	31.97 -0.70 0.00	31.93 -0.77 0.00	36.92 -0.93 -1.47	58.21 -1.11 -16.69	71.01 -1.23 -19.24	61.49 -0.97 -16.86	59.78 -0.72 -16.41	56.94 -0.39 -16.16	52.49 -0.36 -14.74
NORTHPORT___1 23551	36.40 1.34 0.00	37.37 1.53 0.00	36.33 1.61 0.00	37.03 1.73 0.00	37.95 1.80 0.00	41.24 2.34 0.00	57.47 3.20 0.00	78.93 4.07 0.00	84.78 4.51 0.00	38.23 1.85 0.00	33.49 1.51 0.00	29.97 1.11 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.07 1.05 0.00	35.24 1.41 -1.16	34.31 1.61 0.00	38.21 1.83 0.00	45.11 2.48 0.00	55.79 2.79 0.00	47.46 1.87 0.00	46.23 2.14 0.00	42.90 1.73 0.00	39.55 1.43 0.00
NORTHPORT___2 23552	36.40 1.34 0.00	37.37 1.53 0.00	36.33 1.61 0.00	37.03 1.73 0.00	37.95 1.80 0.00	41.24 2.34 0.00	57.47 3.20 0.00	78.93 4.07 0.00	84.78 4.51 0.00	38.23 1.85 0.00	33.49 1.51 0.00	29.97 1.11 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.07 1.05 0.00	35.24 1.41 -1.16	34.31 1.61 0.00	38.21 1.83 0.00	45.11 2.48 0.00	55.79 2.79 0.00	47.46 1.87 0.00	46.23 2.14 0.00	42.90 1.73 0.00	39.55 1.43 0.00
NORTHPORT___3 23553	36.31 1.25 0.00	37.23 1.38 0.00	36.20 1.48 0.00	36.89 1.60 0.00	37.80 1.66 0.00	41.01 2.10 0.00	57.13 2.86 0.00	78.49 3.63 0.00	84.13 3.87 0.00	38.10 1.72 0.00	33.38 1.40 0.00	29.92 1.07 0.00	28.14 0.93 0.00	32.90 0.96 0.00	33.00 0.97 0.00	35.16 1.34 -1.14	34.18 1.48 0.00	38.02 1.63 0.00	44.87 2.24 0.00	55.50 2.50 0.00	47.26 1.67 0.00	46.03 1.94 0.00	42.75 1.58 0.00	39.44 1.32 0.00
NORTHPORT___4 23650	36.31 1.25 0.00	37.23 1.38 0.00	36.20 1.48 0.00	36.89 1.60 0.00	37.80 1.66 0.00	41.01 2.10 0.00	57.13 2.86 0.00	78.49 3.63 0.00	84.13 3.87 0.00	38.10 1.72 0.00	33.38 1.40 0.00	29.92 1.07 0.00	28.14 0.93 0.00	32.90 0.96 0.00	33.00 0.97 0.00	35.16 1.34 -1.14	34.18 1.48 0.00	38.02 1.63 0.00	44.87 2.24 0.00	55.50 2.50 0.00	47.26 1.67 0.00	46.03 1.94 0.00	42.75 1.58 0.00	39.44 1.32 0.00
NORTHPORT___IC 23718	36.40 1.35 0.00	37.38 1.53 0.00	36.34 1.62 0.00	37.03 1.73 0.00	37.95 1.81 0.00	41.25 2.34 0.00	57.47 3.20 0.00	78.94 4.08 0.00	84.79 4.52 0.00	38.24 1.86 0.00	33.49 1.51 0.00	29.97 1.12 0.00	28.21 1.00 0.00	32.98 1.04 0.00	33.07 1.05 0.00	35.25 1.42 -1.16	34.33 1.63 0.00	38.23 1.84 0.00	45.10 2.47 0.00	55.80 2.79 0.00	47.47 1.88 0.00	46.22 2.13 0.00	42.89 1.72 0.00	39.55 1.43 0.00
NORTH___COUNTRY_ESR 323785	34.50 -0.55 0.00	35.37 -0.47 0.00	34.17 -0.55 0.00	34.84 -0.47 0.00	35.60 -0.55 0.00	38.12 -0.79 0.00	53.02 -1.26 0.00	73.81 -1.05 0.00	79.65 -0.62 0.00	36.22 -0.16 0.00	31.92 -0.06 0.00	28.60 -0.26 0.00	26.68 -0.53 0.00	31.08 -0.86 0.00	-14.22 -0.96 45.29	31.83 -0.84 0.00	31.79 -0.91 0.00	29.06 -1.25 6.08	-27.92 -1.55 69.00	-28.41 -1.87 79.54	-25.72 -1.58 69.73	-25.15 -1.39 67.85	-26.68 -1.04 66.81	-23.75 -0.92 60.95
NPX_GEN_1385_PROXY 323591	36.23 1.18 0.00	37.32 1.47 0.00	36.27 1.55 0.00	36.97 1.67 0.00	37.90 1.76 0.00	41.23 2.32 0.00	57.07 2.80 0.00	77.99 3.13 0.00	84.78 4.51 0.00	36.79 1.38 0.97	33.13 1.15 0.00	29.44 0.59 0.00	27.90 0.69 0.00	32.56 0.61 0.00	32.69 0.66 0.00	34.63 0.80 -1.16	33.70 1.00 0.00	37.61 1.23 0.00	44.44 1.82 0.00	54.90 1.89 0.00	46.57 0.98 0.00	45.69 1.60 0.00	42.39 1.22 0.00	39.15 1.04 0.00
NPX_GEN_CSC 323557	35.89 0.84 0.00	36.88 1.03 0.00	36.01 1.29 0.00	36.84 1.54 0.00	37.78 1.64 0.00	41.30 2.40 0.00	57.91 3.64 0.00	79.66 4.80 0.00	85.23 4.96 0.00	37.36 1.95 0.97	33.45 1.47 0.00	29.78 0.93 0.00	27.90 0.70 0.00	32.62 0.68 0.00	32.73 0.70 0.00	35.22 1.15 -1.40	34.25 1.55 0.00	38.18 1.79 0.00	45.18 2.55 0.00	55.74 2.74 0.00	46.75 1.16 0.00	45.56 1.47 0.00	42.19 1.03 0.00	38.84 0.72 0.00
NSINS_S___GLNS_FALLS 23858	36.76 1.70 0.00	37.62 1.77 0.00	36.42 1.70 0.00	37.08 1.78 0.00	37.99 1.85 0.00	40.96 2.05 0.00	57.50 3.23 0.00	80.25 5.39 0.00	85.83 5.55 0.00	38.10 1.72 0.00	32.98 0.99 0.00	29.61 0.76 0.00	27.86 0.65 0.00	33.13 1.20 0.00	33.75 1.72 0.00	34.37 1.71 0.00	34.85 2.15 0.00	39.31 2.93 0.00	46.26 3.63 0.00	57.49 4.49 0.00	49.54 3.95 0.00	47.82 3.72 0.00	44.43 3.26 0.00	41.17 3.05 0.00
NUCOR_STEEL___DRP 24197	35.16 -0.38 -0.48	35.58 -0.27 0.00	34.55 -0.17 0.00	35.15 -0.16 0.00	36.00 -0.14 0.00	38.53 -0.38 0.00	53.84 -0.44 0.00	74.96 -0.66 -0.76	79.83 -0.44 0.00	36.20 -0.18 0.00	31.97 -0.01 0.00	28.78 -0.07 0.00	27.13 -0.08 0.00	32.07 0.13 0.00	32.19 0.16 0.00	32.76 0.09 0.00	32.77 0.07 0.00	36.42 0.04 0.00	42.66 0.03 0.00	52.85 -0.16 0.00	45.44 -0.15 0.00	43.91 -0.19 0.00	41.07 -0.10 0.00	38.09 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	35.05 0.00 0.00	35.59 -0.26 0.00	33.90 -0.82 0.00	34.07 -1.23 0.00	34.99 -1.16 0.00	37.59 -1.32 0.00	52.50 -1.78 0.00	72.70 -2.16 0.00	77.77 -2.50 0.00	35.19 -1.19 0.00	30.84 -1.14 0.00	27.81 -1.04 0.00	26.52 -0.68 0.00	31.52 -0.42 0.00	33.04 -0.92 -1.93	31.64 -1.03 0.00	31.73 -0.97 0.00	35.67 -0.97 -0.26	44.26 -1.31 -2.94	55.28 -1.11 -3.39	48.05 -0.52 -2.97	46.26 -0.72 -2.89	43.48 -0.54 -2.85	40.15 -0.56 -2.60
NYISO_LBMP_REFERENCE 24008	35.06 0.00 0.00	35.85 0.00 0.00	34.72 0.00 0.00	35.30 0.00 0.00	36.15 0.00 0.00	38.91 0.00 0.00	54.27 0.00 0.00	74.86 0.00 0.00	80.27 0.00 0.00	36.38 0.00 0.00	31.98 0.00 0.00	28.86 0.00 0.00	27.21 0.00 0.00	31.94 0.00 0.00	32.03 0.00 0.00	32.67 0.00 0.00	32.70 0.00 0.00	36.38 0.00 0.00	42.63 0.00 0.00	53.01 0.00 0.00	45.59 0.00 0.00	44.09 0.00 0.00	41.17 0.00 0.00	38.12 0.00 0.00

NYPA_BRENTWD____GT 24164	36.69 1.63 0.00	37.63 1.78 0.00	36.58 1.87 0.00	37.30 1.99 0.00	38.22 2.08 0.00	41.56 2.65 0.00	58.02 3.75 0.00	79.76 4.90 0.00	85.54 5.27 0.00	38.56 2.18 0.00	33.70 1.72 0.00	30.14 1.29 0.00	28.37 1.16 0.00	33.16 1.22 0.00	33.29 1.26 0.00	35.97 1.63 -1.67	34.62 1.92 0.00	38.56 2.17 0.00	45.59 2.97 0.00	56.47 3.46 0.00	48.00 2.41 0.00	46.69 2.59 0.00	43.29 2.12 0.00	39.88 1.76 0.00
NYPA_GOWANUS____GT5 24156	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NYPA_GOWANUS____GT6 24157	57.35 1.79 -20.50	56.52 1.87 -18.80	55.39 1.89 -18.79	55.38 1.92 -18.15	55.38 1.97 -17.26	55.40 2.30 -14.20	61.54 3.13 -4.14	79.08 4.22 -0.01	91.17 4.45 -6.45	56.69 2.09 -18.22	56.40 1.81 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.69 -21.08	54.77 1.70 -21.04	63.32 1.89 -28.76	55.07 1.99 -20.39	58.98 2.29 -20.30	56.26 2.93 -10.71	67.32 3.63 -10.68	61.29 2.99 -12.70	60.69 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25
NYPA_HARLEM__RVR__GT1 24160	36.45 1.40 0.00	37.29 1.44 0.00	36.23 1.51 -0.01	36.80 1.50 0.00	37.69 1.54 0.00	40.69 1.79 0.01	56.73 2.46 0.00	78.31 3.44 -0.01	83.82 3.56 0.00	38.07 1.68 0.00	33.45 1.46 0.00	30.21 1.35 -0.01	28.46 1.25 -0.01	33.28 1.33 0.00	33.39 1.36 -0.01	34.24 1.57 0.00	34.33 1.63 0.00	38.25 1.87 0.00	45.06 2.43 0.00	56.02 3.02 0.00	48.06 2.46 -0.01	46.40 2.31 0.00	43.06 1.89 -0.01	39.72 1.59 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.45 1.40 0.00	37.29 1.44 0.00	36.23 1.51 -0.01	36.80 1.50 0.00	37.69 1.54 0.00	40.69 1.79 0.01	56.73 2.46 0.00	78.31 3.44 -0.01	83.82 3.56 0.00	38.07 1.68 0.00	33.45 1.46 0.00	30.21 1.35 -0.01	28.46 1.25 -0.01	33.28 1.33 0.00	33.39 1.36 -0.01	34.24 1.57 0.00	34.33 1.63 0.00	38.25 1.87 0.00	45.06 2.43 0.00	56.02 3.02 0.00	48.06 2.46 -0.01	46.40 2.31 0.00	43.06 1.89 -0.01	39.72 1.59 -0.01
NYPA_KENT____GT 24152	49.14 1.70 -12.38	48.93 1.77 -11.32	47.82 1.79 -11.31	48.05 1.82 -10.92	48.40 1.88 -10.39	49.64 2.19 -8.54	59.75 2.98 -2.49	78.93 4.07 -0.01	88.41 4.26 -3.88	49.33 1.98 -10.97	47.41 1.73 -13.70	45.54 1.59 -15.10	44.25 1.46 -15.58	46.22 1.59 -12.69	46.30 1.61 -12.67	51.77 1.80 -17.31	46.87 1.90 -12.27	50.80 2.20 -12.22	51.88 2.81 -6.44	62.90 3.47 -6.43	56.10 2.86 -7.65	55.11 2.78 -8.24	51.60 2.29 -8.14	49.87 1.97 -9.78
NYPA_POUCH1____GT 24155	57.28 1.73 -20.50	56.47 1.81 -18.80	55.34 1.83 -18.79	55.33 1.88 -18.15	55.34 1.94 -17.26	55.34 2.24 -14.20	61.43 3.03 -4.14	78.84 3.98 -0.01	90.91 4.19 -6.45	56.59 1.99 -18.22	56.32 1.73 -22.60	55.05 1.59 -24.60	54.56 1.46 -25.88	54.62 1.60 -21.08	54.69 1.61 -21.04	63.23 1.80 -28.76	54.98 1.90 -20.39	58.87 2.18 -20.30	56.12 2.79 -10.71	67.14 3.46 -10.68	61.15 2.86 -12.70	60.55 2.77 -13.69	56.99 2.30 -13.53	56.36 2.00 -16.25
NYPA_VERNON____GT2 24162	40.93 1.61 -4.26	41.35 1.67 -3.83	40.25 1.70 -3.83	40.73 1.73 -3.70	41.43 1.77 -3.51	43.88 2.08 -2.89	57.96 2.84 -0.84	78.80 3.93 -0.01	85.66 4.07 -1.31	41.99 1.89 -3.71	38.41 1.64 -4.79	35.95 1.51 -5.59	33.86 1.38 -5.27	37.73 1.49 -4.30	37.84 1.52 -4.29	40.24 1.71 -5.86	38.65 1.80 -4.15	42.61 2.09 -4.13	47.50 2.69 -2.18	58.50 3.32 -2.18	50.92 2.74 -2.59	49.53 2.65 -2.79	46.10 2.17 -2.76	43.29 1.86 -3.31
NYPA_VERNON____GT3 24163	40.93 1.61 -4.26	41.35 1.67 -3.83	40.25 1.70 -3.83	40.73 1.73 -3.70	41.43 1.77 -3.51	43.88 2.08 -2.89	57.96 2.84 -0.84	78.80 3.93 -0.01	85.66 4.07 -1.31	41.99 1.89 -3.71	38.41 1.64 -4.79	35.95 1.51 -5.59	33.86 1.38 -5.27	37.73 1.49 -4.30	37.84 1.52 -4.29	40.24 1.71 -5.86	38.65 1.80 -4.15	42.61 2.09 -4.13	47.50 2.69 -2.18	58.50 3.32 -2.18	50.92 2.74 -2.59	49.53 2.65 -2.79	46.10 2.17 -2.76	43.29 1.86 -3.31
NYPA__ASTORIA_CC1 323568	36.72 1.58 -0.09	37.48 1.62 -0.01	36.39 1.66 -0.01	36.99 1.69 0.00	37.88 1.74 0.00	40.94 2.04 0.00	57.07 2.79 0.00	78.73 3.87 -0.01	84.28 4.01 0.00	38.24 1.85 0.00	33.90 1.61 -0.31	31.23 1.48 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.47 1.77 0.00	38.43 2.05 0.00	45.27 2.65 0.00	56.28 3.27 0.00	48.30 2.70 -0.01	46.71 2.61 -0.01	43.31 2.14 -0.01	39.95 1.83 -0.01
NYPA__ASTORIA_CC2 323569	36.72 1.58 -0.09	37.48 1.62 -0.01	36.39 1.66 -0.01	36.99 1.69 0.00	37.88 1.74 0.00	40.94 2.04 0.00	57.07 2.79 0.00	78.73 3.87 -0.01	84.28 4.01 0.00	38.24 1.85 0.00	33.90 1.61 -0.31	31.23 1.48 -0.90	28.57 1.35 -0.01	33.41 1.46 0.00	33.52 1.49 -0.01	34.35 1.68 0.00	34.47 1.77 0.00	38.43 2.05 0.00	45.27 2.65 0.00	56.28 3.27 0.00	48.30 2.70 -0.01	46.71 2.61 -0.01	43.31 2.14 -0.01	39.95 1.83 -0.01
NYPA__HOLTSVILL 23794	36.27 1.22 0.00	37.22 1.38 0.00	36.25 1.53 0.00	36.99 1.69 0.00	37.92 1.78 0.00	41.31 2.41 0.00	57.77 3.50 0.00	79.45 4.59 0.00	85.11 4.83 0.00	38.33 1.95 0.00	33.49 1.51 0.00	29.91 1.06 0.00	28.11 0.90 0.00	32.86 0.92 0.00	32.96 0.94 0.00	35.40 1.36 -1.38	34.37 1.67 0.00	38.30 1.92 0.00	45.28 2.66 0.00	55.99 2.99 0.00	47.45 1.86 0.00	46.21 2.12 0.00	42.82 1.66 0.00	39.45 1.33 0.00
NYPA__HELLGATE_GT1 24158	36.45 1.40 0.00	37.29 1.44 0.00	36.23 1.51 -0.01	36.80 1.50 0.00	37.69 1.54 0.00	40.69 1.79 0.01	56.73 2.46 0.00	78.31 3.44 -0.01	83.82 3.56 0.00	38.07 1.68 0.00	33.45 1.46 0.00	30.21 1.35 -0.01	28.46 1.25 -0.01	33.28 1.33 0.00	33.39 1.36 -0.01	34.24 1.57 0.00	34.33 1.63 0.00	38.25 1.87 0.00	45.06 2.43 0.00	56.02 3.02 0.00	48.06 2.46 -0.01	46.40 2.31 0.00	43.06 1.89 -0.01	39.72 1.59 -0.01
NYPA__HELLGATE_GT2 24159	36.45 1.40 0.00	37.29 1.44 0.00	36.23 1.51 -0.01	36.80 1.50 0.00	37.69 1.54 0.00	40.69 1.79 0.01	56.73 2.46 0.00	78.31 3.44 -0.01	83.82 3.56 0.00	38.07 1.68 0.00	33.45 1.46 0.00	30.21 1.35 -0.01	28.46 1.25 -0.01	33.28 1.33 0.00	33.39 1.36 -0.01	34.24 1.57 0.00	34.33 1.63 0.00	38.25 1.87 0.00	45.06 2.43 0.00	56.02 3.02 0.00	48.06 2.46 -0.01	46.40 2.31 0.00	43.06 1.89 -0.01	39.72 1.59 -0.01
NYS_BARGE__HYD 23848	24.69 -3.48 6.89	30.30 -3.58 1.97	25.02 -3.37 6.34	24.59 -3.46 7.25	24.87 -3.56 7.71	27.20 -4.06 7.64	40.58 -5.41 8.28	53.05 -8.27 13.54	60.31 -8.39 11.57	26.52 -3.18 6.69	24.45 -2.46 5.07	21.06 -1.95 5.85	20.70 -1.36 5.15	30.34 -1.60 0.00	28.42 -1.71 1.90	25.13 -1.93 5.61	23.55 -2.40 6.75	26.08 -2.77 7.53	30.62 -3.49 8.51	38.71 -4.31 9.98	35.82 -3.64 6.13	39.14 -3.60 1.35	38.55 -2.62 0.00	35.87 -2.25 0.00

OAK ORCHARD___HYD 24046	32.56 -1.82 0.68	33.97 -1.88 0.00	32.98 -1.73 0.00	33.51 -1.79 0.00	34.28 -1.87 0.00	36.77 -2.14 0.00	51.51 -2.77 0.00	69.59 -4.20 1.06	76.09 -4.18 0.00	34.84 -1.54 0.00	30.79 -1.19 0.00	27.96 -0.89 0.00	26.73 -0.47 0.00	31.38 -0.56 0.00	31.41 -0.62 0.00	31.97 -0.70 0.00	31.70 -1.00 0.00	35.19 -1.20 0.00	41.10 -1.53 0.00	51.16 -1.84 0.00	44.03 -1.55 0.00	42.45 -1.65 0.00	39.95 -1.22 0.00	37.08 -1.05 0.00
OAKDALE___35_KV_LOAD 356122	33.70 -0.62 0.73	35.19 -0.66 0.00	34.17 -0.55 0.00	34.74 -0.57 0.00	35.59 -0.55 0.00	38.28 -0.62 0.00	53.52 -0.76 0.00	72.55 -1.15 1.15	79.13 -1.14 0.00	35.85 -0.53 0.00	31.60 -0.38 0.00	28.57 -0.28 0.00	26.99 -0.22 0.00	31.72 -0.22 0.00	31.76 -0.27 0.00	32.46 -0.20 0.00	32.47 -0.23 0.00	36.13 -0.26 0.00	42.25 -0.38 0.00	52.56 -0.44 0.00	45.13 -0.46 0.00	43.58 -0.51 0.00	40.69 -0.48 0.00	37.76 -0.36 0.00
OCC_CHEM___DRP 24175	24.63 -3.87 6.56	30.06 -3.94 1.85	25.04 -3.72 5.95	24.64 -3.85 6.81	24.89 -4.02 7.24	27.17 -4.56 7.18	40.40 -6.09 7.78	52.76 -9.26 12.85	59.97 -9.44 10.86	26.53 -3.57 6.28	24.49 -2.73 4.76	21.17 -2.19 5.49	20.78 -1.59 4.84	30.05 -1.89 0.00	28.25 -1.99 1.78	25.18 -2.22 5.27	23.62 -2.74 6.34	26.10 -3.21 7.07	30.62 -4.02 8.00	38.56 -5.08 9.37	35.55 -4.28 5.76	38.66 -4.16 1.27	38.02 -3.15 0.00	35.44 -2.68 0.00
OH_GEN_PROXY 24063	25.49 -3.47 6.10	30.60 -3.54 1.71	25.93 -3.29 5.49	25.63 -3.39 6.28	25.92 -3.54 6.68	28.23 -4.05 6.62	41.71 -5.39 7.18	54.73 -8.20 11.93	61.95 -8.30 10.02	26.49 -3.12 6.77	25.22 -2.37 4.40	21.89 -1.89 5.07	21.41 -1.34 4.46	30.31 -1.63 0.00	28.67 -1.71 1.65	25.97 -1.84 4.86	24.56 -2.30 5.85	27.16 -2.70 6.52	31.79 -3.46 7.38	40.03 -4.33 8.64	36.60 -3.69 5.31	39.27 -3.65 1.17	38.41 -2.76 0.00	35.78 -2.34 0.00
OLIN_CORP_DRP 24177	24.69 -3.92 6.44	30.04 -4.00 1.81	25.11 -3.80 5.82	24.72 -3.92 6.66	24.99 -4.08 7.08	27.28 -4.61 7.01	40.51 -6.16 7.60	52.94 -9.31 12.61	60.11 -9.54 10.62	26.60 -3.65 6.14	24.52 -2.81 4.65	21.21 -2.28 5.37	20.82 -1.66 4.73	29.98 -1.96 0.00	28.24 -2.05 1.74	25.20 -2.32 5.15	23.67 -2.84 6.19	26.16 -3.31 6.91	30.73 -4.09 7.82	38.72 -5.13 9.16	35.64 -4.32 5.62	38.65 -4.20 1.24	38.01 -3.16 0.00	35.41 -2.70 0.00
OLIN_CORP_DSASP 323712	24.67 -3.83 6.56	30.08 -3.92 1.85	25.08 -3.68 5.95	24.71 -3.78 6.81	24.97 -3.93 7.24	27.24 -4.48 7.18	40.47 -6.02 7.78	52.83 -9.18 12.85	60.07 -9.33 10.86	26.60 -3.50 6.28	24.54 -2.67 4.76	21.20 -2.16 5.49	20.79 -1.58 4.84	30.06 -1.88 0.00	28.26 -1.98 1.78	25.23 -2.17 5.27	23.70 -2.66 6.34	26.21 -3.10 7.07	30.69 -3.94 8.00	38.66 -4.97 9.37	35.63 -4.21 5.76	38.69 -4.13 1.27	38.04 -3.12 0.00	35.44 -2.69 0.00
ONEIDA_HERK_LFGE 323681	35.47 0.42 0.00	36.14 0.29 0.00	34.76 0.04 0.00	35.19 -0.11 0.00	36.09 -0.06 0.00	38.82 -0.08 0.00	54.25 -0.02 0.00	74.98 0.12 0.00	80.25 -0.02 0.00	36.31 -0.07 0.00	31.86 -0.12 0.00	28.72 -0.13 0.00	27.28 0.07 0.00	32.16 0.22 0.00	32.98 0.06 -0.89	32.73 0.06 0.00	32.82 0.12 0.00	36.68 0.18 -0.12	44.11 0.13 -1.36	54.96 0.40 -1.56	47.49 0.52 -1.37	45.79 0.36 -1.33	42.82 0.34 -1.31	39.58 0.26 -1.20
ONEIDA___115KV_TB4 55905	35.55 0.49 0.00	36.27 0.42 0.00	35.09 0.37 0.00	35.65 0.34 0.00	36.53 0.39 0.00	39.34 0.44 0.00	55.03 0.75 0.00	75.95 1.09 0.00	81.30 1.02 0.00	36.79 0.41 0.00	32.35 0.37 0.00	29.12 0.27 0.00	27.60 0.39 0.00	32.41 0.47 0.00	32.56 0.53 0.00	33.24 0.57 0.00	33.35 0.65 0.00	37.07 0.68 0.00	43.39 0.77 0.00	54.08 1.07 0.00	46.54 0.95 0.00	44.90 0.81 0.00	41.86 0.69 0.00	38.73 0.61 0.00
ONONDAGA_REF_OCCRA 23987	35.01 -0.39 -0.34	35.44 -0.41 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.79 -0.35 0.00	38.50 -0.41 0.00	53.79 -0.49 0.00	74.69 -0.71 -0.53	79.54 -0.73 0.00	36.09 -0.29 0.00	31.79 -0.19 0.00	28.73 -0.12 0.00	27.11 -0.10 0.00	31.86 -0.08 0.00	32.00 -0.02 0.00	32.68 0.01 0.00	32.65 -0.05 0.00	36.28 -0.11 0.00	42.43 -0.20 0.00	52.81 -0.19 0.00	45.39 -0.20 0.00	43.82 -0.27 0.00	40.91 -0.26 0.00	37.89 -0.23 0.00
ONONDAGA___COGEN 23986	34.62 -0.44 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.48 -0.43 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.49 -0.78 0.00	36.07 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.14 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.64 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.72 -0.28 0.00	45.34 -0.26 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.85 -0.27 0.00
ONTARIO___LFGE 23819	36.17 -1.08 -2.19	35.94 -1.12 -1.21	37.63 -0.97 -3.88	38.77 -0.97 -4.44	39.91 -0.95 -4.72	42.46 -1.12 -4.68	57.87 -1.48 -5.07	77.72 -2.24 -5.10	85.21 -2.14 -7.07	39.70 -0.77 -4.09	34.46 -0.62 -3.10	31.81 -0.62 -3.58	29.83 -0.53 -3.15	31.58 -0.36 0.00	32.81 -0.38 -1.16	35.69 -0.41 -3.43	36.29 -0.54 -4.13	40.48 -0.51 -4.61	47.14 -0.69 -5.21	58.23 -0.88 -6.10	48.59 -0.75 -3.75	44.13 -0.79 -0.83	40.63 -0.54 0.00	37.74 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	-9.80 -3.85 41.00	18.78 -3.96 13.10	-11.09 -3.68 42.13	-16.62 -3.69 48.23	-18.64 -3.52 51.27	-15.87 -3.97 50.81	-6.34 -5.55 55.06	-15.63 -8.05 82.44	-5.05 -8.43 76.89	-11.74 -3.66 44.46	-4.91 -3.17 33.72	-12.78 -2.76 38.88	-9.46 -2.43 34.24	29.35 -2.59 0.00	16.64 -2.77 12.62	-7.54 -2.92 37.29	-15.20 -3.05 44.85	-17.03 -3.35 50.07	-18.06 -4.09 56.60	-18.24 -4.92 66.33	0.60 -4.25 40.74	31.00 -4.09 9.00	38.15 -3.02 0.00	35.63 -2.49 0.00
ORANGEVILLE___ESR 323794	-9.80 -3.85 41.00	18.78 -3.96 13.10	-11.09 -3.68 42.13	-16.62 -3.69 48.23	-18.64 -3.52 51.27	-15.87 -3.97 50.81	-6.34 -5.55 55.06	-15.63 -8.05 82.44	-5.05 -8.43 76.89	-11.74 -3.66 44.46	-4.91 -3.17 33.72	-12.78 -2.76 38.88	-9.46 -2.43 34.24	29.35 -2.59 0.00	16.64 -2.77 12.62	-7.54 -2.92 37.29	-15.20 -3.05 44.85	-17.03 -3.35 50.07	-18.06 -4.09 56.60	-18.24 -4.92 66.33	0.60 -4.25 40.74	31.00 -4.09 9.00	38.15 -3.02 0.00	35.63 -2.49 0.00
OSWEGATCHIE___HYD 24044	34.66 -0.39 0.00	35.29 -0.56 0.00	33.82 -0.90 0.00	34.15 -1.15 0.00	35.00 -1.14 0.00	37.61 -1.29 0.00	52.52 -1.76 0.00	72.66 -2.20 0.00	77.77 -2.51 0.00	35.24 -1.14 0.00	30.91 -1.07 0.00	27.87 -0.98 0.00	26.38 -0.83 0.00	31.05 -0.89 0.00	35.34 -1.12 -4.43	31.53 -1.14 0.00	31.54 -1.16 0.00	35.71 -1.27 -0.59	47.84 -1.53 -6.75	59.20 -1.58 -7.78	51.30 -1.11 -6.82	49.66 -1.07 -6.64	46.88 -0.82 -6.54	43.30 -0.78 -5.96
OSWEGO___5 23606	34.16 -0.90 0.00	34.95 -0.90 0.00	33.88 -0.84 0.00	34.44 -0.86 0.00	35.26 -0.88 0.00	37.93 -0.97 0.00	52.95 -1.33 0.00	72.99 -1.87 0.00	78.31 -1.96 0.00	35.54 -0.84 0.00	31.29 -0.69 0.00	28.27 -0.59 0.00	26.69 -0.52 0.00	31.38 -0.57 0.00	31.48 -0.55 0.00	32.10 -0.57 0.00	32.07 -0.63 0.00	35.59 -0.79 0.00	41.61 -1.01 0.00	51.75 -1.25 0.00	44.52 -1.07 0.00	43.00 -1.09 0.00	40.17 -1.00 0.00	37.23 -0.89 0.00

OSWEGO___6 23613	34.16 -0.90 0.00	34.95 -0.90 0.00	33.88 -0.84 0.00	34.44 -0.86 0.00	35.26 -0.88 0.00	37.93 -0.97 0.00	52.95 -1.33 0.00	72.99 -1.87 0.00	78.31 -1.96 0.00	35.54 -0.84 0.00	31.29 -0.69 0.00	28.27 -0.59 0.00	26.69 -0.52 0.00	31.38 -0.57 0.00	31.48 -0.55 0.00	32.10 -0.57 0.00	32.07 -0.63 0.00	35.59 -0.79 0.00	41.61 -1.01 0.00	51.75 -1.25 0.00	44.52 -1.07 0.00	43.00 -1.09 0.00	40.17 -1.00 0.00	37.23 -0.89 0.00
OUTOKUMPU-AB___DRP 24206	25.54 -3.21 6.31	30.80 -3.29 1.76	25.97 -3.09 5.66	25.62 -3.21 6.48	25.92 -3.33 6.89	28.27 -3.81 6.83	41.87 -5.01 7.40	54.86 -7.66 12.34	62.17 -7.77 10.33	27.52 -2.89 5.97	25.31 -2.14 4.53	21.96 -1.67 5.22	21.53 -1.08 4.60	30.68 -1.27 0.00	28.93 -1.40 1.70	26.02 -1.64 5.01	24.53 -2.15 6.03	27.14 -2.52 6.73	31.88 -3.14 7.60	40.18 -3.92 8.91	36.82 -3.29 5.47	39.69 -3.20 1.21	38.91 -2.26 0.00	36.25 -1.87 0.00
OXBOW___BTM 323836	25.08 -3.54 6.43	30.40 -3.65 1.81	25.50 -3.41 5.80	25.14 -3.51 6.64	25.43 -3.65 7.06	27.75 -4.16 7.00	41.13 -5.55 7.59	53.79 -8.48 12.59	61.08 -8.60 10.59	27.05 -3.21 6.13	24.92 -2.42 4.65	21.57 -1.93 5.36	21.13 -1.36 4.72	30.32 -1.62 0.00	28.56 -1.73 1.74	25.60 -1.93 5.14	24.11 -2.41 6.18	26.69 -2.80 6.90	31.27 -3.56 7.80	39.40 -4.46 9.14	36.20 -3.78 5.61	39.13 -3.72 1.24	38.42 -2.74 0.00	35.78 -2.34 0.00
OXBOW____ 24026	25.04 -3.59 6.43	30.37 -3.67 1.81	25.46 -3.46 5.80	25.08 -3.58 6.64	25.35 -3.73 7.06	27.66 -4.24 7.00	41.06 -5.63 7.59	53.70 -8.57 12.59	60.97 -8.71 10.59	26.97 -2.47 6.13	24.86 -2.47 4.65	21.53 -1.97 5.36	21.12 -1.37 4.72	30.32 -1.62 0.00	28.55 -1.74 1.74	25.55 -1.98 5.14	24.03 -2.49 6.18	26.57 -2.92 6.90	31.20 -3.62 7.80	39.31 -4.56 9.14	36.13 -3.85 5.61	39.11 -3.74 1.24	38.41 -2.76 0.00	35.79 -2.33 0.00
OXY_CHEM_DSASP 323612	24.63 -3.87 6.56	30.06 -3.94 1.85	25.04 -3.72 5.95	24.64 -3.85 6.81	24.89 -4.02 7.24	27.17 -4.56 7.18	40.40 -6.09 7.78	52.76 -9.26 12.85	59.97 -9.44 10.86	26.53 -3.57 6.28	24.49 -2.73 4.76	21.17 -2.19 5.49	20.78 -1.59 4.84	30.05 -1.89 0.00	28.25 -1.99 1.78	25.18 -2.22 5.27	23.62 -2.74 6.34	26.10 -3.21 7.07	30.62 -4.02 8.00	38.56 -5.08 9.37	35.55 -4.28 5.76	38.66 -4.16 1.27	38.02 -3.15 0.00	35.44 -2.68 0.00
OZONE_PARK_ESR 323760	36.78 1.73 0.00	37.64 1.79 0.00	36.51 1.79 0.00	37.13 1.83 0.00	38.01 1.86 0.00	41.12 2.21 0.00	57.32 3.04 0.00	79.08 4.22 0.00	84.68 4.40 0.00	38.38 2.00 0.00	33.71 1.73 0.00	30.43 1.58 0.00	28.65 1.44 0.00	33.49 1.55 0.00	33.60 1.57 0.00	34.46 1.79 0.00	34.61 1.91 0.00	38.61 2.23 0.00	45.46 2.84 0.00	56.51 3.50 0.00	48.47 2.88 0.00	46.89 2.79 0.00	43.46 2.29 0.00	40.08 1.96 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.63 -3.87 6.56	30.06 -3.94 1.85	25.04 -3.72 5.95	24.64 -3.85 6.81	24.89 -4.02 7.24	27.17 -4.56 7.18	40.40 -6.09 7.78	52.76 -9.26 12.85	59.97 -9.44 10.86	26.53 -3.57 6.28	24.49 -2.73 4.76	21.17 -2.19 5.49	20.78 -1.59 4.84	30.05 -1.89 0.00	28.25 -1.99 1.78	25.18 -2.22 5.27	23.62 -2.74 6.34	26.10 -3.21 7.07	30.62 -4.02 8.00	38.56 -5.08 9.37	35.55 -4.28 5.76	38.66 -4.16 1.27	38.02 -3.15 0.00	35.44 -2.68 0.00
PACKARD___115KV_DUPONT_184 80571	24.63 -3.87 6.56	30.06 -3.94 1.85	25.04 -3.72 5.95	24.64 -3.85 6.81	24.89 -4.02 7.24	27.17 -4.56 7.18	40.40 -6.09 7.78	52.76 -9.26 12.85	59.97 -9.44 10.86	26.53 -3.57 6.28	24.49 -2.73 4.76	21.17 -2.19 5.49	20.78 -1.59 4.84	30.05 -1.89 0.00	28.25 -1.99 1.78	25.18 -2.22 5.27	23.62 -2.74 6.34	26.10 -3.21 7.07	30.62 -4.02 8.00	38.56 -5.08 9.37	35.55 -4.28 5.76	38.66 -4.16 1.27	38.02 -3.15 0.00	35.44 -2.68 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.48 1.42 0.00	37.31 1.46 -0.01	36.23 1.50 -0.01	36.84 1.53 0.00	37.71 1.57 0.00	40.75 1.84 0.00	56.81 2.54 0.00	78.40 3.54 -0.01	83.93 3.66 0.00	38.07 1.69 0.00	33.44 1.46 0.00	30.18 1.32 -0.01	28.42 1.20 -0.01	33.23 1.29 0.00	33.35 1.32 -0.01	34.19 1.51 0.00	34.32 1.62 0.00	38.28 1.90 0.00	45.06 2.43 0.00	56.02 3.01 0.00	48.05 2.45 -0.01	46.47 2.37 -0.01	43.10 1.93 -0.01	39.77 1.65 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.53 1.47 0.00	37.42 1.57 -0.01	36.36 1.64 -0.01	37.00 1.70 0.00	37.88 1.73 0.00	40.96 2.05 0.00	57.15 2.87 0.00	78.80 3.93 -0.01	84.33 4.05 0.00	38.20 1.81 0.00	33.52 1.54 0.00	30.22 1.36 -0.01	28.42 1.21 -0.01	33.24 1.29 0.00	33.35 1.32 -0.01	34.19 1.51 0.00	34.32 1.62 0.00	38.29 1.91 0.00	45.08 2.45 0.00	56.04 3.03 0.00	48.08 2.48 -0.01	46.52 2.42 -0.01	43.15 1.98 -0.01	39.89 1.76 -0.01
PATROON___115KV_TB1 80586	35.75 0.70 0.00	36.58 0.73 0.00	35.43 0.71 0.00	36.05 0.75 0.00	36.91 0.77 0.00	39.79 0.88 0.00	55.48 1.20 0.00	76.57 1.71 0.00	81.90 1.63 0.00	36.97 0.58 0.00	32.41 0.43 0.00	29.22 0.37 0.00	27.53 0.32 0.00	32.35 0.41 0.00	32.59 0.56 0.00	33.21 0.54 0.00	33.42 0.72 0.00	37.29 0.91 0.00	43.76 1.13 0.00	54.29 1.28 0.00	46.69 1.10 0.00	45.15 1.06 0.00	42.00 0.83 0.00	38.83 0.71 0.00
PATTRSNVILLE___SOLAR 323815	36.13 1.07 0.00	36.95 1.10 0.00	35.78 1.06 0.00	36.38 1.08 0.00	37.26 1.12 0.00	40.13 1.23 0.00	56.04 1.77 0.00	77.27 2.41 0.00	82.28 2.01 0.00	36.84 0.46 0.00	32.20 0.22 0.00	29.06 0.20 0.00	27.42 0.21 0.00	32.50 0.56 0.00	32.83 0.80 0.00	33.25 0.58 0.00	33.62 0.92 0.00	37.57 1.18 0.00	44.11 1.49 0.00	54.86 1.85 0.00	47.19 1.60 0.00	45.60 1.51 0.00	42.49 1.32 0.00	39.30 1.18 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.53 -2.52 5.00	32.08 -2.49 1.28	28.30 -2.31 4.11	28.16 -2.44 4.71	28.57 -2.58 5.00	30.99 -2.96 4.96	45.12 -3.78 5.37	59.42 -5.83 9.62	66.88 -5.89 7.50	29.87 -2.18 4.34	27.16 -1.53 3.29	23.90 -1.16 3.79	23.23 -0.63 3.34	31.36 -0.59 0.00	29.98 -0.81 1.23	28.03 -1.00 3.64	26.88 -1.45 4.38	29.75 -1.75 4.89	34.85 -2.25 5.52	43.78 -2.76 6.47	39.28 -2.33 3.98	41.01 -2.21 0.88	39.77 -1.39 0.00	37.10 -1.02 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.68 1.62 0.00	37.53 1.68 0.00	36.40 1.68 0.00	37.05 1.74 0.00	37.94 1.80 0.00	40.99 2.09 0.00	57.22 2.94 0.00	78.99 4.13 0.00	84.58 4.31 0.00	38.24 1.86 0.00	33.50 1.52 0.00	30.21 1.35 0.00	28.40 1.19 0.00	33.26 1.32 0.00	33.39 1.36 0.00	34.18 1.51 0.00	34.40 1.70 0.00	38.39 2.00 0.00	45.23 2.60 0.00	56.25 3.25 0.00	48.28 2.68 0.00	46.64 2.55 0.00	43.24 2.08 0.00	39.89 1.77 0.00
PEEKSKILL____ 23653	36.19 1.13 0.00	37.01 1.16 0.00	35.91 1.19 0.00	36.53 1.23 0.00	37.44 1.30 0.00	40.44 1.53 0.00	56.40 2.13 0.00	77.81 2.95 0.00	83.29 3.02 0.00	37.65 1.27 0.00	33.03 1.05 0.00	29.80 0.94 0.00	28.05 0.84 0.00	32.85 0.90 0.00	32.95 0.92 0.00	33.76 1.09 0.00	33.93 1.23 0.00	37.86 1.48 0.00	44.62 1.99 0.00	55.47 2.46 0.00	47.57 1.98 0.00	46.00 1.91 0.00	42.63 1.46 0.00	39.32 1.20 0.00

PGE MADISON___WINDPWR 24146	39.57 1.40 -3.11	37.44 1.14 -0.45	37.21 1.05 -1.44	37.94 0.99 -1.65	39.00 1.11 -1.76	41.94 1.30 -1.74	58.00 1.84 -1.88	82.63 2.27 -5.50	85.26 2.36 -2.63	38.88 0.97 -1.52	34.02 0.88 -1.15	30.95 0.76 -1.33	28.87 0.49 -1.17	32.93 0.98 0.00	33.27 0.81 -0.43	34.56 0.61 -1.28	34.37 0.14 -1.54	38.42 0.32 -1.71	45.26 0.70 -1.94	56.11 0.84 -2.27	47.58 0.59 -1.39	44.86 0.46 -0.31	41.55 0.38 0.00	38.47 0.36 0.00
PIERCEFIELD___HYD 23852	34.92 -0.14 0.00	35.64 -0.20 0.00	34.35 -0.37 0.00	34.83 -0.48 0.00	35.64 -0.50 0.00	38.30 -0.61 0.00	53.40 -0.88 0.00	73.81 -1.05 0.00	79.12 -1.16 0.00	35.91 -0.48 0.00	31.53 -0.45 0.00	28.44 -0.41 0.00	26.67 -0.54 0.00	31.13 -0.81 0.00	37.73 -0.83 -6.53	31.89 -0.77 0.00	31.84 -0.86 0.00	36.25 -1.00 -0.88	51.38 -1.19 -9.94	63.14 -1.32 -11.46	54.60 -1.04 -10.05	53.09 -0.79 -9.78	50.35 -0.45 -9.63	46.49 -0.41 -8.78
PINELAWN_CC_1 323563	36.59 1.53 0.00	37.50 1.66 0.00	36.45 1.73 0.00	37.13 1.83 0.00	38.05 1.90 0.00	41.31 2.41 0.00	57.67 3.40 0.00	79.33 4.47 0.00	85.01 4.74 0.00	38.38 2.00 0.00	33.57 1.59 0.00	30.05 1.20 0.00	28.29 1.08 0.00	33.07 1.13 0.00	33.18 1.15 0.00	37.24 1.52 -3.06	34.47 1.77 0.00	38.37 1.99 0.00	45.40 2.77 0.00	56.26 3.25 0.00	47.90 2.31 0.00	46.58 2.49 0.00	43.19 2.02 0.00	39.79 1.67 0.00
PJM_GEN_HTP_PROXY 323702	36.46 1.40 0.00	37.32 1.48 0.00	36.22 1.50 0.00	36.85 1.55 0.00	37.72 1.58 0.00	40.81 1.90 0.00	56.86 2.58 0.00	78.45 3.59 0.00	84.79 3.73 -0.78	38.07 1.68 0.00	32.03 1.45 1.40	30.18 1.33 0.00	28.41 1.20 0.00	33.23 1.29 0.00	33.33 1.30 0.00	34.20 1.50 -0.04	34.31 1.61 0.00	37.78 1.89 0.49	45.07 2.45 0.00	56.00 3.00 0.00	48.04 2.45 0.00	46.46 2.36 0.00	43.05 1.89 0.00	39.71 1.59 0.00
PJM_GEN_KEystone 24065	33.64 -0.77 0.64	35.07 -0.78 0.00	34.09 -0.63 0.00	34.67 -0.63 0.00	35.51 -0.63 0.00	38.21 -0.70 0.00	53.39 -0.88 0.00	72.42 -1.43 1.01	79.57 -1.48 -0.78	35.74 -0.65 0.00	30.14 -0.45 1.40	28.55 -0.30 0.00	27.06 -0.15 0.00	31.74 -0.20 0.00	31.74 -0.28 0.00	32.52 -0.19 -0.04	32.49 -0.21 0.00	35.70 -0.20 0.49	42.37 -0.25 0.00	52.73 -0.28 0.00	45.22 -0.37 0.00	43.69 -0.41 0.00	40.76 -0.41 0.00	37.78 -0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.37 1.31 0.00	37.27 1.42 0.00	36.20 1.48 0.00	36.86 1.56 0.00	37.77 1.63 0.00	40.96 2.05 0.00	57.11 2.84 0.00	78.60 3.74 0.00	85.00 3.95 -0.78	38.09 1.71 0.00	31.98 1.40 1.40	29.97 1.12 0.00	28.20 0.99 0.00	32.99 1.05 0.00	33.07 1.04 0.00	34.11 1.40 -0.04	34.24 1.54 0.00	37.65 1.76 0.49	45.02 2.40 0.00	55.79 2.79 0.00	47.63 2.04 0.00	46.24 2.15 0.00	42.89 1.72 0.00	39.55 1.43 0.00
PJM_GEN_VFT_PROXY 323633	36.27 1.21 0.00	37.09 1.24 0.00	36.00 1.28 0.00	36.61 1.31 0.00	37.51 1.37 0.00	40.56 1.65 0.00	56.54 2.26 0.00	77.99 3.13 0.00	84.19 3.14 -0.78	37.82 1.44 0.00	31.82 1.23 1.40	30.02 1.16 0.00	28.25 1.04 0.00	33.01 1.07 0.00	33.12 1.09 0.00	33.98 1.28 -0.04	34.09 1.40 0.00	37.55 1.66 0.49	44.81 2.18 0.00	55.70 2.70 0.00	47.77 2.18 0.00	46.19 2.10 0.00	42.80 1.63 0.00	39.46 1.34 0.00
PLATSBURG_115KV_PMLD1 355749	34.14 -0.92 0.00	35.07 -0.78 0.00	34.00 -0.72 0.00	34.70 -0.60 0.00	35.58 -0.56 0.00	38.14 -0.76 0.00	52.73 -1.55 0.00	74.00 -0.86 0.00	80.05 -0.22 0.00	36.27 -0.12 0.00	32.00 0.02 0.00	28.59 -0.26 0.00	26.49 -0.72 0.00	30.85 -1.09 0.00	-11.88 -1.09 42.82	31.75 -0.92 0.00	31.73 -0.97 0.00	29.28 -1.36 5.75	-23.68 -1.06 65.24	-23.60 -1.39 75.21	-21.72 -1.38 65.93	-21.16 -1.10 64.16	-22.88 -0.87 63.18	-20.61 -1.10 57.63
PLEASANTVLY___LBMP 24000	36.21 1.16 0.00	37.06 1.21 0.00	35.95 1.23 0.00	36.58 1.28 0.00	37.47 1.32 0.00	40.45 1.54 0.00	56.41 2.14 0.00	77.86 3.01 0.00	83.36 3.09 0.00	37.68 1.30 0.00	33.03 1.05 0.00	29.80 0.94 0.00	28.04 0.83 0.00	32.85 0.91 0.00	32.95 0.92 0.00	33.74 1.07 0.00	33.94 1.24 0.00	37.85 1.47 0.00	44.57 1.95 0.00	55.37 2.37 0.00	47.55 1.96 0.00	45.95 1.86 0.00	42.63 1.46 0.00	39.35 1.23 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.42 1.36 0.00	37.26 1.41 0.00	36.15 1.43 0.00	36.77 1.47 0.00	37.66 1.52 0.00	40.68 1.78 0.00	56.74 2.47 0.00	78.29 3.43 0.00	83.83 3.56 0.00	37.95 1.57 0.00	33.28 1.30 0.00	30.03 1.17 0.00	28.26 1.06 0.00	33.08 1.14 0.00	33.18 1.16 0.00	34.00 1.34 0.00	34.17 1.47 0.00	38.13 1.75 0.00	44.89 2.27 0.00	55.81 2.80 0.00	47.89 2.30 0.00	46.27 2.18 0.00	42.92 1.75 0.00	39.61 1.49 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.42 1.36 0.00	37.26 1.41 0.00	36.15 1.43 0.00	36.77 1.47 0.00	37.66 1.52 0.00	40.68 1.78 0.00	56.74 2.47 0.00	78.29 3.43 0.00	83.83 3.56 0.00	37.95 1.57 0.00	33.28 1.30 0.00	30.03 1.17 0.00	28.26 1.06 0.00	33.08 1.14 0.00	33.18 1.16 0.00	34.00 1.34 0.00	34.17 1.47 0.00	38.13 1.75 0.00	44.89 2.27 0.00	55.81 2.80 0.00	47.89 2.30 0.00	46.27 2.18 0.00	42.92 1.75 0.00	39.61 1.49 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.51 1.45 0.00	37.36 1.51 0.00	36.23 1.52 0.00	36.87 1.57 0.00	37.76 1.62 0.00	40.77 1.86 0.00	56.89 2.62 0.00	78.56 3.70 0.00	84.09 3.82 0.00	37.99 1.60 0.00	33.25 1.27 0.00	29.97 1.12 0.00	28.19 0.98 0.00	33.03 1.09 0.00	33.18 1.15 0.00	33.96 1.29 0.00	34.17 1.47 0.00	38.14 1.76 0.00	44.96 2.33 0.00	55.93 2.93 0.00	48.02 2.42 0.00	46.40 2.30 0.00	43.03 1.86 0.00	39.70 1.58 0.00
POLETTI___ 23519	36.48 1.42 0.00	37.32 1.46 0.00	36.22 1.50 0.00	36.85 1.55 0.00	37.69 1.54 0.00	40.76 1.85 0.00	56.80 2.53 0.00	78.35 3.49 0.00	83.87 3.60 0.00	38.04 1.66 0.00	33.43 1.45 0.00	30.20 1.34 0.00	28.42 1.21 0.00	33.23 1.29 0.00	33.33 1.31 0.00	34.17 1.50 0.00	34.34 1.64 0.00	38.30 1.92 0.00	45.04 2.42 0.00	55.98 2.97 0.00	48.01 2.42 0.00	46.41 2.31 0.00	42.96 1.80 0.00	39.66 1.54 0.00
POMONA___ESR 323819	36.19 1.14 0.00	37.00 1.14 0.00	35.91 1.19 0.00	36.53 1.23 0.00	37.46 1.32 0.00	40.47 1.57 0.00	56.48 2.21 0.00	77.91 3.05 0.00	83.37 3.10 0.00	37.68 1.30 0.00	33.06 1.08 0.00	29.83 0.98 0.00	28.08 0.87 0.00	32.90 0.96 0.00	32.99 0.96 0.00	33.79 1.13 0.00	33.97 1.27 0.00	37.91 1.53 0.00	44.65 2.03 0.00	55.51 2.50 0.00	47.62 2.03 0.00	46.02 1.93 0.00	42.65 1.48 0.00	39.34 1.22 0.00
PORT_JEFF_3 23555	36.49 1.43 0.00	37.42 1.57 0.00	36.43 1.71 0.00	37.18 1.88 0.00	38.11 1.97 0.00	41.50 2.59 0.00	58.04 3.77 0.00	79.82 4.96 0.00	85.52 5.25 0.00	38.54 2.15 0.00	33.63 1.65 0.00	30.05 1.20 0.00	28.23 1.02 0.00	32.99 1.05 0.00	33.11 1.08 0.00	35.64 1.51 -1.47	34.55 1.85 0.00	38.50 2.12 0.00	45.54 2.91 0.00	56.34 3.33 0.00	47.79 2.20 0.00	46.54 2.45 0.00	43.12 1.95 0.00	39.69 1.57 0.00

PORT_JEFF_4 23616	36.37 1.31 0.00	37.31 1.46 0.00	36.34 1.62 0.00	37.09 1.78 0.00	38.01 1.86 0.00	41.42 2.51 0.00	57.91 3.64 0.00	79.65 4.79 0.00	85.30 5.03 0.00	38.43 2.05 0.00	33.55 1.57 0.00	29.97 1.12 0.00	28.16 0.95 0.00	32.92 0.98 0.00	33.03 1.00 0.00	35.49 1.43 -1.40	34.45 1.75 0.00	38.39 2.01 0.00	45.41 2.78 0.00	56.17 3.16 0.00	47.61 2.02 0.00	46.37 2.27 0.00	42.96 1.79 0.00	39.57 1.45 0.00
PORT_JEFF_IC 23713	36.46 1.41 0.00	37.40 1.56 0.00	36.42 1.70 0.00	37.16 1.86 0.00	38.09 1.95 0.00	41.49 2.58 0.00	58.00 3.73 0.00	79.78 4.92 0.00	85.49 5.22 0.00	38.51 2.13 0.00	33.61 1.63 0.00	30.03 1.17 0.00	28.21 1.00 0.00	32.97 1.03 0.00	33.09 1.06 0.00	35.62 1.49 -1.47	34.54 1.84 0.00	38.49 2.10 0.00	45.50 2.88 0.00	56.29 3.29 0.00	47.72 2.13 0.00	46.49 2.40 0.00	43.07 1.91 0.00	39.64 1.53 0.00
PPL PILGRIM_ST_GT1 24216	36.69 1.63 0.00	37.63 1.78 0.00	36.58 1.87 0.00	37.30 1.99 0.00	38.22 2.08 0.00	41.56 2.65 0.00	58.02 3.75 0.00	79.76 4.90 0.00	85.54 5.27 0.00	38.56 2.18 0.00	33.70 1.72 0.00	30.14 1.29 0.00	28.37 1.16 0.00	33.16 1.22 0.00	33.29 1.26 0.00	35.97 1.63 -1.67	34.62 1.92 0.00	38.56 2.17 0.00	45.59 2.97 0.00	56.47 3.46 0.00	48.00 2.41 0.00	46.69 2.59 0.00	43.29 2.12 0.00	39.88 1.76 0.00
PPL PILGRIM_ST_GT2 24217	36.69 1.63 0.00	37.63 1.78 0.00	36.58 1.87 0.00	37.30 1.99 0.00	38.22 2.08 0.00	41.56 2.65 0.00	58.02 3.75 0.00	79.76 4.90 0.00	85.54 5.27 0.00	38.56 2.18 0.00	33.70 1.72 0.00	30.14 1.29 0.00	28.37 1.16 0.00	33.16 1.22 0.00	33.29 1.26 0.00	35.97 1.63 -1.67	34.62 1.92 0.00	38.56 2.17 0.00	45.59 2.97 0.00	56.47 3.46 0.00	48.00 2.41 0.00	46.69 2.59 0.00	43.29 2.12 0.00	39.88 1.76 0.00
PPL_SHRM_GT3 24213	35.86 0.80 0.00	36.85 1.00 0.00	35.99 1.28 0.00	36.83 1.53 0.00	37.77 1.63 0.00	41.33 2.42 0.00	57.97 3.70 0.00	79.75 4.89 0.00	85.31 5.04 0.00	38.34 1.96 0.00	33.43 1.45 0.00	29.76 0.90 0.00	27.86 0.65 0.00	32.59 0.65 0.00	32.68 0.65 0.00	35.22 1.12 -1.43	34.25 1.55 0.00	38.17 1.78 0.00	45.19 2.56 0.00	55.77 2.76 0.00	46.77 1.18 0.00	45.60 1.50 0.00	42.22 1.06 0.00	38.87 0.74 0.00
PPL_SHRM_GT4 24214	35.86 0.80 0.00	36.85 1.00 0.00	35.99 1.28 0.00	36.83 1.53 0.00	37.77 1.63 0.00	41.33 2.42 0.00	57.97 3.70 0.00	79.75 4.89 0.00	85.31 5.04 0.00	38.34 1.96 0.00	33.43 1.45 0.00	29.76 0.90 0.00	27.86 0.65 0.00	32.59 0.65 0.00	32.68 0.65 0.00	35.22 1.12 -1.43	34.25 1.55 0.00	38.17 1.78 0.00	45.19 2.56 0.00	55.77 2.76 0.00	46.77 1.18 0.00	45.60 1.50 0.00	42.22 1.06 0.00	38.87 0.74 0.00
PROJECT___ORANGE 1 24174	34.50 -0.56 0.00	35.27 -0.57 0.00	34.20 -0.52 0.00	34.78 -0.52 0.00	35.61 -0.54 0.00	38.29 -0.61 0.00	53.51 -0.77 0.00	73.73 -1.13 0.00	79.10 -1.17 0.00	35.91 -0.47 0.00	31.63 -0.35 0.00	28.59 -0.27 0.00	27.00 -0.21 0.00	31.73 -0.21 0.00	31.86 -0.17 0.00	32.52 -0.15 0.00	32.48 -0.22 0.00	36.07 -0.31 0.00	42.18 -0.45 0.00	52.49 -0.52 0.00	45.12 -0.48 0.00	43.57 -0.52 0.00	40.67 -0.50 0.00	37.68 -0.43 0.00
PROJECT___ORANGE 2 24166	34.50 -0.56 0.00	35.27 -0.57 0.00	34.20 -0.52 0.00	34.78 -0.52 0.00	35.61 -0.54 0.00	38.29 -0.61 0.00	53.51 -0.77 0.00	73.73 -1.13 0.00	79.10 -1.17 0.00	35.91 -0.47 0.00	31.63 -0.35 0.00	28.59 -0.27 0.00	27.00 -0.21 0.00	31.73 -0.21 0.00	31.86 -0.17 0.00	32.52 -0.15 0.00	32.48 -0.22 0.00	36.07 -0.31 0.00	42.18 -0.45 0.00	52.49 -0.52 0.00	45.12 -0.48 0.00	43.57 -0.52 0.00	40.67 -0.50 0.00	37.68 -0.43 0.00
PUCKETT___SOLAR 323809	34.93 -0.13 0.00	35.52 -0.33 0.00	34.44 -0.28 0.00	35.00 -0.30 0.00	35.95 -0.19 0.00	38.72 -0.19 0.00	54.05 -0.23 0.00	74.45 -0.41 0.00	79.89 -0.38 0.00	36.16 -0.22 0.00	31.86 -0.12 0.00	28.67 -0.19 0.00	27.05 -0.16 0.00	31.66 -0.28 0.00	31.84 -0.19 0.00	32.61 -0.06 0.00	32.53 -0.17 0.00	36.17 -0.21 0.00	42.46 -0.17 0.00	52.85 -0.16 0.00	45.36 -0.23 0.00	43.78 -0.32 0.00	40.88 -0.29 0.00	37.88 -0.24 0.00
PYRITES___HYD 24023	35.81 0.75 0.00	36.55 0.70 0.00	35.25 0.53 0.00	35.75 0.45 0.00	36.59 0.44 0.00	39.33 0.43 0.00	54.88 0.61 0.00	75.77 0.91 0.00	80.98 0.71 0.00	36.50 0.12 0.00	31.98 0.00 0.00	28.99 0.13 0.00	27.31 0.10 0.00	31.75 -0.19 0.00	37.82 -0.07 -5.87	32.80 0.14 0.00	32.75 0.05 0.00	37.19 0.02 -0.79	51.66 0.10 -8.93	63.55 0.24 -10.29	54.90 0.28 -9.02	53.32 0.44 -8.78	50.51 0.70 -8.65	46.66 0.66 -7.89
QUAKERRD_115KV_BK1 80622	32.26 -2.21 0.59	33.59 -2.26 0.00	32.61 -2.11 0.00	33.13 -2.17 0.00	33.90 -2.25 0.00	36.37 -2.53 0.00	50.94 -3.33 0.00	69.04 -4.89 0.93	75.28 -4.99 0.00	34.42 -1.96 0.00	30.41 -1.57 0.00	27.55 -1.30 0.00	26.29 -0.92 0.00	30.88 -1.07 0.00	30.92 -1.10 0.00	31.46 -1.21 0.00	31.22 -1.48 0.00	34.67 -1.72 0.00	40.54 -2.09 0.00	50.44 -2.57 0.00	43.40 -2.19 0.00	41.87 -2.23 0.00	39.33 -1.83 0.00	36.50 -1.62 0.00
QUEENSBRY_115KV_TB8 356137	36.77 1.71 0.00	37.62 1.77 0.00	36.42 1.70 0.00	37.08 1.78 0.00	38.00 1.86 0.00	40.96 2.06 0.00	57.49 3.22 0.00	80.17 5.31 0.00	85.81 5.54 0.00	38.13 1.75 0.00	32.99 1.01 0.00	29.61 0.75 0.00	27.85 0.64 0.00	33.09 1.15 0.00	33.69 1.66 0.00	34.33 1.66 0.00	34.81 2.11 0.00	39.19 2.81 0.00	45.96 3.33 0.00	57.01 4.01 0.00	49.09 3.50 0.00	47.41 3.32 0.00	44.04 2.88 0.00	40.80 2.68 0.00
RAMAPO___LBMP 323565	36.04 0.98 0.00	36.83 0.98 0.00	35.74 1.03 0.00	36.38 1.08 0.00	37.31 1.16 0.00	40.29 1.39 0.00	56.20 1.93 0.00	77.52 2.66 0.00	82.96 2.69 0.00	37.48 1.10 0.00	32.89 0.91 0.00	29.67 0.82 0.00	27.94 0.73 0.00	32.71 0.77 0.00	32.81 0.78 0.00	33.61 0.94 0.00	33.78 1.08 0.00	37.72 1.34 0.00	44.45 1.83 0.00	55.27 2.27 0.00	47.40 1.81 0.00	45.80 1.71 0.00	42.45 1.28 0.00	39.15 1.03 0.00
RANKINE____ 23646	26.78 -2.84 5.44	31.54 -2.87 1.44	27.45 -2.64 4.63	27.25 -2.75 5.30	27.63 -2.87 5.64	30.03 -3.29 5.59	43.97 -4.25 6.06	57.76 -6.58 10.53	65.14 -6.67 8.46	29.04 -2.46 4.89	26.52 -1.75 3.71	23.23 -1.35 4.28	22.66 -0.78 3.77	31.07 -0.87 0.00	29.58 -1.06 1.39	27.31 -1.26 4.10	26.05 -1.72 4.93	28.83 -2.04 5.51	33.81 -2.59 6.22	42.52 -3.20 7.29	38.42 -2.69 4.48	40.53 -2.58 0.99	39.46 -1.70 0.00	36.81 -1.31 0.00
RAVENSWOOD_GT2_1 24244	36.51 1.46 0.00	37.36 1.52 0.00	36.25 1.54 0.00	36.89 1.59 0.00	37.76 1.62 0.00	40.84 1.93 0.00	56.92 2.64 0.00	78.51 3.65 0.00	84.05 3.78 0.00	38.09 1.71 0.00	33.46 1.48 0.00	30.21 1.35 0.00	28.43 1.22 0.00	33.25 1.31 0.00	33.36 1.33 0.00	34.19 1.52 0.00	34.35 1.65 0.00	38.31 1.93 0.00	45.09 2.47 0.00	56.05 3.04 0.00	48.09 2.49 0.00	46.50 2.40 0.00	43.10 1.93 0.00	39.76 1.64 0.00

RAVENSWOOD_GT2_2 24245	36.51 1.46 0.00	37.36 1.52 0.00	36.25 1.54 0.00	36.89 1.59 0.00	37.76 1.62 0.00	40.84 1.93 0.00	56.92 2.64 0.00	78.51 3.65 0.00	84.05 3.78 0.00	38.09 1.71 0.00	33.46 1.48 0.00	30.21 1.35 0.00	28.43 1.22 0.00	33.25 1.31 0.00	33.36 1.33 0.00	34.19 1.52 0.00	34.35 1.65 0.00	38.31 1.93 0.00	45.09 2.47 0.00	56.05 3.04 0.00	48.09 2.49 0.00	46.50 2.40 0.00	43.10 1.93 0.00	39.76 1.64 0.00
RAVENSWOOD_GT2_3 24246	36.52 1.47 0.00	37.37 1.52 0.00	36.27 1.55 0.00	36.90 1.60 0.00	37.77 1.63 0.00	40.84 1.94 0.00	56.94 2.66 0.00	78.54 3.68 0.00	84.09 3.82 0.00	38.11 1.72 0.00	33.47 1.49 0.00	30.22 1.36 0.00	28.44 1.24 0.00	33.26 1.32 0.00	33.37 1.34 0.00	34.21 1.54 0.00	34.37 1.67 0.00	38.34 1.96 0.00	45.13 2.50 0.00	56.08 3.07 0.00	48.09 2.50 0.00	46.51 2.42 0.00	43.12 1.95 0.00	39.78 1.66 0.00
RAVENSWOOD_GT2_4 24247	36.52 1.47 0.00	37.37 1.52 0.00	36.27 1.55 0.00	36.90 1.60 0.00	37.77 1.63 0.00	40.84 1.94 0.00	56.94 2.66 0.00	78.54 3.68 0.00	84.09 3.82 0.00	38.11 1.72 0.00	33.47 1.49 0.00	30.22 1.36 0.00	28.44 1.24 0.00	33.26 1.32 0.00	33.37 1.34 0.00	34.21 1.54 0.00	34.37 1.67 0.00	38.34 1.96 0.00	45.13 2.50 0.00	56.08 3.07 0.00	48.09 2.50 0.00	46.51 2.42 0.00	43.12 1.95 0.00	39.78 1.66 0.00
RAVENSWOOD_GT3_1 24248	36.51 1.46 0.00	37.36 1.52 0.00	36.25 1.54 0.00	36.89 1.59 0.00	37.76 1.62 0.00	40.84 1.93 0.00	56.92 2.64 0.00	78.51 3.65 0.00	84.05 3.78 0.00	38.10 1.71 0.00	33.46 1.48 0.00	30.21 1.35 0.00	28.43 1.22 0.00	33.25 1.31 0.00	33.36 1.33 0.00	34.19 1.52 0.00	34.35 1.65 0.00	38.31 1.93 0.00	45.09 2.47 0.00	56.05 3.04 0.00	48.09 2.49 0.00	46.50 2.40 0.00	43.10 1.93 0.00	39.76 1.64 0.00
RAVENSWOOD_GT3_2 24249	36.51 1.46 0.00	37.36 1.52 0.00	36.25 1.54 0.00	36.89 1.59 0.00	37.76 1.62 0.00	40.84 1.93 0.00	56.92 2.64 0.00	78.51 3.65 0.00	84.05 3.78 0.00	38.10 1.71 0.00	33.46 1.48 0.00	30.21 1.35 0.00	28.43 1.22 0.00	33.25 1.31 0.00	33.36 1.33 0.00	34.19 1.52 0.00	34.35 1.65 0.00	38.31 1.93 0.00	45.09 2.47 0.00	56.05 3.04 0.00	48.09 2.49 0.00	46.50 2.40 0.00	43.10 1.93 0.00	39.76 1.64 0.00
RAVENSWOOD_GT3_3 24250	36.56 1.50 0.00	37.41 1.56 0.00	36.29 1.58 0.00	36.93 1.63 0.00	37.81 1.66 0.00	40.88 1.98 0.00	56.99 2.71 0.00	78.61 3.75 0.00	84.17 3.90 0.00	38.15 1.76 0.00	33.51 1.52 0.00	30.25 1.39 0.00	28.47 1.26 0.00	33.30 1.35 0.00	33.40 1.38 0.00	34.24 1.57 0.00	34.40 1.70 0.00	38.38 1.99 0.00	45.17 2.54 0.00	56.14 3.13 0.00	48.14 2.55 0.00	46.56 2.46 0.00	43.16 1.99 0.00	39.81 1.69 0.00
RAVENSWOOD_GT3_4 24251	36.56 1.50 0.00	37.41 1.56 0.00	36.29 1.58 0.00	36.93 1.63 0.00	37.81 1.66 0.00	40.88 1.98 0.00	56.99 2.71 0.00	78.61 3.75 0.00	84.17 3.90 0.00	38.15 1.76 0.00	33.51 1.52 0.00	30.25 1.39 0.00	28.47 1.26 0.00	33.30 1.35 0.00	33.40 1.38 0.00	34.24 1.57 0.00	34.40 1.70 0.00	38.38 1.99 0.00	45.17 2.54 0.00	56.14 3.13 0.00	48.14 2.55 0.00	46.56 2.46 0.00	43.16 1.99 0.00	39.81 1.69 0.00
RAVENSWOOD_GT_1 23729	40.94 1.61 -4.26	41.36 1.68 -3.83	40.26 1.70 -3.83	40.74 1.74 -3.70	41.44 1.78 -3.51	43.89 2.09 -2.89	57.98 2.87 -0.84	78.81 3.95 -0.01	85.68 4.10 -1.31	41.99 1.89 -3.71	38.42 1.65 -4.79	35.96 1.51 -5.59	33.87 1.38 -5.27	37.73 1.49 -4.30	37.83 1.52 -4.29	40.24 1.71 -5.86	38.67 1.82 -4.15	42.64 2.12 -4.13	47.50 2.69 -2.18	58.51 3.33 -2.18	50.93 2.74 -2.59	49.53 2.64 -2.79	46.09 2.17 -2.76	43.29 1.85 -3.31
RAVENSWOOD_GT_10 24258	36.98 1.45 -0.47	37.80 1.51 -0.44	36.70 1.54 -0.44	37.31 1.58 -0.42	38.17 1.62 -0.41	41.16 1.93 -0.33	57.01 2.64 -0.10	78.50 3.64 0.00	84.19 3.77 -0.15	38.52 1.71 -0.43	34.00 1.47 -0.55	30.82 1.35 -0.62	29.04 1.22 -0.61	33.74 1.30 -0.49	33.84 1.32 -0.49	34.86 1.51 -0.67	34.82 1.64 -0.48	38.79 1.93 -0.48	45.34 2.47 -0.25	56.29 3.04 -0.25	48.37 2.49 -0.30	46.80 2.39 -0.32	43.41 1.92 -0.32	40.13 1.63 -0.38
RAVENSWOOD_GT_11 24259	36.98 1.45 -0.47	37.80 1.51 -0.44	36.70 1.54 -0.44	37.31 1.58 -0.42	38.17 1.62 -0.41	41.16 1.93 -0.33	57.01 2.64 -0.10	78.50 3.64 0.00	84.19 3.77 -0.15	38.52 1.71 -0.43	34.00 1.47 -0.55	30.82 1.35 -0.62	29.04 1.22 -0.61	33.74 1.30 -0.49	33.84 1.32 -0.49	34.86 1.51 -0.67	34.82 1.64 -0.48	38.79 1.93 -0.48	45.34 2.47 -0.25	56.29 3.04 -0.25	48.37 2.49 -0.30	46.80 2.39 -0.32	43.41 1.92 -0.32	40.13 1.63 -0.38
RAVENSWOOD_GT_4 24252	39.60 1.44 -3.11	40.25 1.49 -2.91	39.15 1.52 -2.91	39.68 1.56 -2.81	40.42 1.60 -2.68	43.01 1.91 -2.20	57.53 2.61 -0.64	78.47 3.61 0.00	85.02 3.75 -1.00	40.89 1.69 -2.82	37.08 1.45 -3.64	34.28 1.33 -4.10	32.41 1.20 -4.01	36.49 1.28 -3.27	36.59 1.30 -3.26	38.62 1.50 -4.46	37.49 1.63 -3.16	41.44 1.92 -3.15	46.74 2.45 -1.66	57.67 3.01 -1.65	50.01 2.45 -1.96	48.58 2.37 -2.12	45.15 1.89 -2.09	42.24 1.61 -2.52
RAVENSWOOD_GT_5 24254	39.60 1.44 -3.11	40.25 1.49 -2.91	39.15 1.52 -2.91	39.68 1.56 -2.81	40.42 1.60 -2.68	43.01 1.91 -2.20	57.53 2.61 -0.64	78.47 3.61 0.00	85.02 3.75 -1.00	40.89 1.69 -2.82	37.08 1.45 -3.64	34.28 1.33 -4.10	32.41 1.20 -4.01	36.49 1.28 -3.27	36.59 1.30 -3.26	38.62 1.50 -4.46	37.49 1.63 -3.16	41.44 1.92 -3.15	46.74 2.45 -1.66	57.67 3.01 -1.65	50.01 2.45 -1.96	48.58 2.37 -2.12	45.15 1.89 -2.09	42.24 1.61 -2.52
RAVENSWOOD_GT_6 24253	39.60 1.44 -3.11	40.25 1.49 -2.91	39.15 1.52 -2.91	39.68 1.56 -2.81	40.42 1.60 -2.68	43.01 1.91 -2.20	57.53 2.61 -0.64	78.47 3.61 0.00	85.02 3.75 -1.00	40.89 1.69 -2.82	37.08 1.45 -3.64	34.28 1.33 -4.10	32.41 1.20 -4.01	36.49 1.28 -3.27	36.59 1.30 -3.26	38.62 1.50 -4.46	37.49 1.63 -3.16	41.44 1.92 -3.15	46.74 2.45 -1.66	57.67 3.01 -1.65	50.01 2.45 -1.96	48.58 2.37 -2.12	45.15 1.89 -2.09	42.24 1.61 -2.52
RAVENSWOOD_GT_7 24255	39.60 1.44 -3.11	40.25 1.49 -2.91	39.15 1.52 -2.91	39.68 1.56 -2.81	40.42 1.60 -2.68	43.01 1.91 -2.20	57.53 2.61 -0.64	78.47 3.61 0.00	85.02 3.75 -1.00	40.89 1.69 -2.82	37.08 1.45 -3.64	34.28 1.33 -4.10	32.41 1.20 -4.01	36.49 1.28 -3.27	36.59 1.30 -3.26	38.62 1.50 -4.46	37.49 1.63 -3.16	41.44 1.92 -3.15	46.74 2.45 -1.66	57.67 3.01 -1.65	50.01 2.45 -1.96	48.58 2.37 -2.12	45.15 1.89 -2.09	42.24 1.61 -2.52
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.98 1.45 -0.47	37.80 1.51 -0.44	36.70 1.54 -0.44	37.31 1.58 -0.42	38.17 1.62 -0.41	41.16 1.93 -0.33	57.01 2.64 -0.10	78.50 3.64 0.00	84.19 3.77 -0.15	38.52 1.71 -0.43	34.00 1.47 -0.55	30.82 1.35 -0.62	29.04 1.22 -0.61	33.74 1.30 -0.49	33.84 1.32 -0.49	34.86 1.51 -0.67	34.82 1.64 -0.48	38.79 1.93 -0.48	45.34 2.47 -0.25	56.29 3.04 -0.25	48.37 2.49 -0.30	46.80 2.39 -0.32	43.41 1.92 -0.32	40.13 1.63 -0.38

RAVENSWOOD_GT_9 24257	36.98 1.45 -0.47	37.80 1.51 -0.44	36.70 1.54 -0.44	37.31 1.58 -0.42	38.17 1.62 -0.41	41.16 1.93 -0.33	57.01 2.64 -0.10	78.50 3.64 0.00	84.19 3.77 -0.15	38.52 1.71 -0.43	34.00 1.47 -0.55	30.82 1.35 -0.62	29.04 1.22 -0.61	33.74 1.30 -0.49	33.84 1.32 -0.49	34.86 1.51 -0.67	34.82 1.64 -0.48	38.79 1.93 -0.48	45.34 2.47 -0.25	56.29 3.04 -0.25	48.37 2.49 -0.30	46.80 2.39 -0.32	43.41 1.92 -0.32	40.13 1.63 -0.38
RAVENSWOOD___1 23533	32.59 1.55 4.02	33.69 1.60 3.76	32.59 1.63 3.76	33.33 1.67 3.64	34.40 1.72 3.46	38.07 2.02 2.85	56.21 2.76 0.83	78.67 3.80 -0.01	82.91 3.93 1.29	34.55 1.82 3.65	29.46 1.58 4.10	26.60 1.46 3.72	23.36 1.33 5.18	29.16 1.44 4.23	29.27 1.46 4.22	28.55 1.64 5.76	30.35 1.74 4.09	34.33 2.02 4.07	43.09 2.61 2.15	54.12 3.25 2.14	45.72 2.68 2.54	43.94 2.59 2.74	40.57 2.11 2.71	36.66 1.80 3.25
RAVENSWOOD___2 23534	32.59 1.55 4.02	33.69 1.60 3.76	32.59 1.63 3.76	33.33 1.67 3.64	34.40 1.72 3.46	38.07 2.02 2.85	56.21 2.76 0.83	78.67 3.80 -0.01	82.91 3.93 1.29	34.55 1.82 3.65	29.46 1.58 4.10	26.60 1.46 3.72	23.36 1.33 5.18	29.16 1.44 4.23	29.27 1.46 4.22	28.55 1.64 5.76	30.35 1.74 4.09	34.33 2.02 4.07	43.09 2.61 2.15	54.12 3.25 2.14	45.72 2.68 2.54	43.94 2.59 2.74	40.57 2.11 2.71	36.66 1.80 3.25
RAVENSWOOD___3 23535	36.51 1.45 0.00	37.35 1.51 0.00	36.25 1.53 0.00	36.88 1.58 0.00	37.76 1.62 0.00	40.83 1.92 0.00	56.90 2.63 0.00	78.50 3.64 0.00	84.04 3.78 0.00	38.08 1.70 0.00	33.45 1.47 0.00	30.21 1.35 0.00	28.43 1.22 0.00	33.25 1.31 0.00	33.36 1.33 0.00	34.19 1.52 0.00	34.33 1.63 0.00	38.30 1.92 0.00	45.10 2.48 0.00	56.04 3.04 0.00	48.09 2.49 0.00	46.51 2.42 0.00	43.11 1.94 0.00	39.76 1.64 0.00
RAVENSWOOD___4 23820	32.59 1.55 4.02	33.69 1.60 3.76	32.59 1.63 3.76	33.33 1.67 3.64	34.40 1.72 3.46	38.07 2.02 2.85	56.21 2.76 0.83	78.67 3.80 -0.01	82.91 3.93 1.29	34.55 1.82 3.65	29.46 1.58 4.10	26.60 1.46 3.72	23.36 1.33 5.18	29.16 1.44 4.23	29.27 1.46 4.22	28.55 1.64 5.76	30.35 1.74 4.09	34.33 2.02 4.07	43.09 2.61 2.15	54.12 3.25 2.14	45.72 2.68 2.54	43.94 2.59 2.74	40.57 2.11 2.71	36.66 1.80 3.25
RCPI_TRUST___DRP 24196	36.50 1.45 0.00	37.38 1.53 0.00	36.43 1.71 0.00	37.06 1.75 0.00	37.76 1.62 0.00	40.85 1.94 0.00	56.92 2.65 0.00	78.53 3.67 0.00	84.10 3.83 0.00	38.11 1.73 0.00	33.47 1.49 0.00	30.23 1.37 0.00	28.45 1.24 0.00	33.27 1.33 0.00	33.38 1.35 0.00	34.21 1.54 0.00	34.37 1.67 0.00	38.34 1.96 0.00	45.13 2.50 0.00	56.06 3.06 0.00	48.09 2.49 0.00	46.48 2.39 0.00	43.09 1.92 0.00	39.74 1.62 0.00
RED___ROCHESTER 323720	32.78 -1.61 0.67	34.19 -1.66 0.00	33.19 -1.53 0.00	33.72 -1.58 0.00	34.49 -1.66 0.00	36.99 -1.91 0.00	51.84 -2.44 0.00	70.08 -3.73 1.05	76.62 -3.65 0.00	35.08 -1.30 0.00	31.01 -0.97 0.00	28.17 -0.69 0.00	26.93 -0.27 0.00	31.61 -0.34 0.00	31.64 -0.39 0.00	32.20 -0.47 0.00	31.91 -0.79 0.00	35.45 -0.93 0.00	41.43 -1.20 0.00	51.59 -1.41 0.00	44.41 -1.19 0.00	42.79 -1.30 0.00	40.25 -0.92 0.00	37.35 -0.77 0.00
REGAN___SOLAR 323812	36.98 1.92 0.00	37.78 1.94 0.00	36.55 1.83 0.00	37.15 1.85 0.00	38.04 1.90 0.00	40.96 2.06 0.00	57.27 2.99 0.00	78.82 3.96 0.00	83.06 2.79 0.00	36.44 0.06 0.00	31.78 -0.20 0.00	28.79 -0.06 0.00	27.29 0.08 0.00	32.88 0.94 0.00	33.36 1.33 0.00	33.22 0.56 0.00	34.28 1.58 0.00	38.38 1.99 0.00	45.12 2.49 0.00	56.28 3.27 0.00	48.40 2.81 0.00	46.75 2.65 0.00	43.58 2.41 0.00	40.29 2.17 0.00
RENSSELAER___COGEN 23796	35.58 0.52 0.00	36.41 0.56 0.00	35.27 0.55 0.00	35.89 0.59 0.00	36.75 0.61 0.00	39.60 0.70 0.00	55.21 0.93 0.00	76.21 1.35 0.00	81.56 1.29 0.00	36.80 0.42 0.00	32.26 0.28 0.00	29.11 0.25 0.00	27.40 0.20 0.00	32.18 0.24 0.00	32.39 0.36 0.00	33.03 0.37 0.00	33.22 0.52 0.00	37.07 0.69 0.00	43.53 0.90 0.00	54.00 0.99 0.00	46.44 0.85 0.00	44.92 0.82 0.00	41.79 0.62 0.00	38.64 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.30 2.24 0.00	38.27 2.42 0.00	37.04 2.33 0.00	37.71 2.41 0.00	38.73 2.59 0.00	41.69 2.79 0.00	58.75 4.48 0.00	82.50 7.64 0.00	88.47 8.20 0.00	38.98 2.59 0.00	33.48 1.50 0.00	29.83 0.98 0.00	27.97 0.77 0.00	33.39 1.45 0.00	34.06 2.03 0.00	34.86 2.20 0.00	35.74 3.05 0.00	40.22 3.84 0.00	47.45 4.82 0.00	58.61 5.61 0.00	50.45 4.86 0.00	48.85 4.75 0.00	45.33 4.17 0.00	42.01 3.89 0.00
REVERE_CPFR_DRP 24186	35.89 0.83 0.00	36.60 0.75 0.00	35.32 0.61 0.00	35.83 0.53 0.00	36.75 0.60 0.00	39.56 0.65 0.00	55.34 1.06 0.00	76.40 1.54 0.00	81.76 1.49 0.00	37.00 0.62 0.00	32.52 0.53 0.00	29.28 0.42 0.00	27.83 0.62 0.00	32.69 0.75 0.00	32.77 0.74 0.00	33.48 0.81 0.00	33.61 0.91 0.00	37.36 0.97 0.00	43.70 1.08 0.00	54.52 1.52 0.00	46.97 1.38 0.00	45.29 1.20 0.00	42.23 1.06 0.00	39.04 0.93 0.00
REYNOLDS_115KV_TB3 80639	35.74 0.69 0.00	36.58 0.73 0.00	35.44 0.72 0.00	36.06 0.76 0.00	36.93 0.78 0.00	39.79 0.88 0.00	55.44 1.16 0.00	76.53 1.67 0.00	81.90 1.63 0.00	36.96 0.57 0.00	32.41 0.42 0.00	29.21 0.35 0.00	27.48 0.27 0.00	32.28 0.34 0.00	32.49 0.46 0.00	33.15 0.48 0.00	33.36 0.66 0.00	37.22 0.84 0.00	43.68 1.06 0.00	54.16 1.15 0.00	46.59 1.00 0.00	45.07 0.97 0.00	41.94 0.77 0.00	38.80 0.68 0.00
RIVERBAY____ 323610	36.53 1.47 0.00	37.42 1.57 -0.01	36.36 1.64 -0.01	37.00 1.70 0.00	37.88 1.73 0.00	40.96 2.05 0.00	57.15 2.87 0.00	78.80 3.93 -0.01	84.33 4.05 0.00	38.20 1.81 0.00	33.52 1.54 0.00	30.22 1.36 -0.01	28.42 1.21 -0.01	33.24 1.29 0.00	33.35 1.32 -0.01	34.19 1.51 0.00	34.32 1.62 0.00	38.29 1.91 0.00	45.08 2.45 0.00	56.04 3.03 0.00	48.08 2.48 -0.01	46.52 2.42 -0.01	43.15 1.98 -0.01	39.89 1.76 -0.01
RIVERSDE_115KV_TB3 55908	35.69 0.63 0.00	36.52 0.67 0.00	35.38 0.66 0.00	36.00 0.70 0.00	36.86 0.72 0.00	39.72 0.81 0.00	55.36 1.09 0.00	76.44 1.58 0.00	81.80 1.53 0.00	36.91 0.53 0.00	32.36 0.38 0.00	29.18 0.32 0.00	27.47 0.26 0.00	32.26 0.32 0.00	32.48 0.45 0.00	33.14 0.47 0.00	33.32 0.63 0.00	37.19 0.81 0.00	43.64 1.01 0.00	54.12 1.12 0.00	46.56 0.97 0.00	45.03 0.94 0.00	41.90 0.73 0.00	38.75 0.63 0.00
ROARING___BROOK_WT_PWR 323790	34.57 -0.49 0.00	35.01 -0.85 0.00	33.65 -1.07 0.00	34.23 -1.07 0.00	35.09 -1.05 0.00	37.72 -1.19 0.00	52.62 -1.65 0.00	72.69 -2.17 0.00	78.24 -2.03 0.00	35.65 -0.73 0.00	31.35 -0.63 0.00	28.20 -0.66 0.00	26.66 -0.54 0.00	31.47 -0.47 0.00	31.31 -0.72 0.00	31.72 -0.95 0.00	31.60 -1.10 0.00	35.17 -1.22 0.00	41.24 -1.38 0.00	51.59 -1.41 0.00	44.65 -0.94 0.00	43.28 -0.81 0.00	40.47 -0.70 0.00	37.54 -0.58 0.00

ROCHESRG_115KV_T4 355643	31.24 -1.95 1.86	33.45 -2.00 0.40	31.57 -1.85 1.30	31.90 -1.92 1.48	32.55 -2.02 1.58	35.04 -2.30 1.56	49.59 -2.99 1.69	66.88 -4.49 3.49	73.39 -4.52 2.36	33.32 -1.70 1.37	29.64 -1.31 1.04	26.67 -0.99 1.20	25.57 -0.58 1.05	31.25 -0.69 0.00	30.89 -0.74 0.39	30.68 -0.84 1.15	30.15 -1.17 1.38	33.45 -1.39 1.54	39.15 -1.74 1.74	48.85 -2.12 2.04	42.54 -1.79 1.25	41.97 -1.84 0.28	39.77 -1.40 0.00	36.94 -1.18 0.00
ROCHESTER_9_IC 23652	32.60 -1.79 0.67	34.02 -1.83 0.00	33.02 -1.70 0.00	33.54 -1.76 0.00	34.29 -1.85 0.00	36.78 -2.13 0.00	51.55 -2.73 0.00	69.69 -4.12 1.05	76.20 -4.08 0.00	34.87 -1.52 0.00	30.83 -1.15 0.00	28.01 -0.84 0.00	26.79 -0.42 0.00	31.44 -0.50 0.00	31.47 -0.56 0.00	32.00 -0.67 0.00	31.70 -1.00 0.00	35.20 -1.19 0.00	41.14 -1.48 0.00	51.22 -1.79 0.00	44.09 -1.51 0.00	42.52 -1.58 0.00	40.01 -1.16 0.00	37.15 -0.97 0.00
ROCKVIEW_13_KV_LD 356306	36.56 1.50 0.00	37.41 1.56 0.00	36.29 1.57 0.00	36.92 1.62 0.00	37.81 1.66 0.00	40.87 1.96 0.00	57.00 2.72 0.00	78.63 3.77 0.00	84.21 3.94 0.00	38.13 1.74 0.00	33.46 1.48 0.00	30.19 1.33 0.00	28.42 1.21 0.00	33.25 1.31 0.00	33.36 1.33 0.00	34.20 1.53 0.00	34.36 1.66 0.00	38.34 1.96 0.00	45.15 2.52 0.00	56.10 3.09 0.00	48.13 2.54 0.00	46.50 2.40 0.00	43.10 1.93 0.00	39.74 1.62 0.00
ROME____115KV_TB2 80656	35.89 0.83 0.00	36.60 0.75 0.00	35.32 0.61 0.00	35.83 0.53 0.00	36.75 0.60 0.00	39.56 0.65 0.00	55.34 1.06 0.00	76.40 1.54 0.00	81.76 1.49 0.00	37.00 0.62 0.00	32.52 0.53 0.00	29.28 0.42 0.00	27.83 0.62 0.00	32.69 0.75 0.00	32.77 0.74 0.00	33.48 0.81 0.00	33.61 0.91 0.00	37.36 0.97 0.00	43.70 1.08 0.00	54.52 1.52 0.00	46.97 1.38 0.00	45.29 1.20 0.00	42.23 1.06 0.00	39.04 0.93 0.00
ROSETON___1 23587	36.13 1.08 0.00	36.96 1.11 0.00	35.86 1.14 0.00	36.49 1.19 0.00	37.38 1.24 0.00	40.35 1.45 0.00	56.28 2.00 0.00	77.66 2.80 0.00	83.13 2.86 0.00	37.59 1.21 0.00	32.96 0.98 0.00	29.74 0.88 0.00	27.99 0.78 0.00	32.79 0.85 0.00	32.90 0.87 0.00	33.68 1.01 0.00	33.84 1.14 0.00	37.77 1.38 0.00	44.48 1.85 0.00	55.27 2.26 0.00	47.45 1.86 0.00	45.87 1.78 0.00	42.55 1.38 0.00	39.27 1.15 0.00
ROSETON___2 23588	36.13 1.08 0.00	36.96 1.11 0.00	35.86 1.14 0.00	36.49 1.19 0.00	37.38 1.24 0.00	40.35 1.45 0.00	56.28 2.00 0.00	77.66 2.80 0.00	83.13 2.86 0.00	37.59 1.21 0.00	32.96 0.98 0.00	29.74 0.88 0.00	27.99 0.78 0.00	32.79 0.85 0.00	32.90 0.87 0.00	33.68 1.01 0.00	33.84 1.14 0.00	37.77 1.38 0.00	44.48 1.85 0.00	55.27 2.26 0.00	47.45 1.86 0.00	45.87 1.78 0.00	42.55 1.38 0.00	39.27 1.15 0.00
ROTRRDAM_115KV_TB3 80664	35.86 0.81 0.00	36.70 0.85 0.00	35.55 0.83 0.00	36.16 0.86 0.00	37.04 0.90 0.00	39.91 1.00 0.00	55.70 1.43 0.00	76.90 2.04 0.00	82.26 1.99 0.00	37.03 0.65 0.00	32.42 0.44 0.00	29.22 0.37 0.00	27.54 0.34 0.00	32.46 0.51 0.00	32.67 0.64 0.00	33.26 0.59 0.00	33.49 0.79 0.00	37.39 1.01 0.00	43.87 1.25 0.00	54.51 1.51 0.00	46.88 1.29 0.00	45.31 1.22 0.00	42.19 1.02 0.00	39.03 0.91 0.00
RUSSELL___1 23602	32.75 -1.64 0.67	34.18 -1.68 0.00	33.17 -1.54 0.00	33.68 -1.62 0.00	34.44 -1.70 0.00	36.95 -1.96 0.00	51.79 -2.48 0.00	70.03 -3.78 1.05	76.56 -3.71 0.00	35.04 -1.34 0.00	30.98 -1.00 0.00	28.15 -0.71 0.00	26.93 -0.28 0.00	31.61 -0.33 0.00	31.64 -0.39 0.00	32.17 -0.50 0.00	31.86 -0.84 0.00	35.38 -1.00 0.00	41.40 -1.23 0.00	51.53 -1.48 0.00	44.36 -1.23 0.00	42.78 -1.32 0.00	40.24 -0.93 0.00	37.35 -0.77 0.00
RUSSELL___2 23532	32.75 -1.64 0.67	34.18 -1.68 0.00	33.17 -1.54 0.00	33.68 -1.62 0.00	34.44 -1.70 0.00	36.95 -1.96 0.00	51.79 -2.48 0.00	70.03 -3.78 1.05	76.56 -3.71 0.00	35.04 -1.34 0.00	30.98 -1.00 0.00	28.15 -0.71 0.00	26.93 -0.28 0.00	31.61 -0.33 0.00	31.64 -0.39 0.00	32.17 -0.50 0.00	31.86 -0.84 0.00	35.38 -1.00 0.00	41.40 -1.23 0.00	51.53 -1.48 0.00	44.36 -1.23 0.00	42.78 -1.32 0.00	40.24 -0.93 0.00	37.35 -0.77 0.00
RUSSELL___3 23549	32.75 -1.64 0.67	34.18 -1.68 0.00	33.17 -1.54 0.00	33.68 -1.62 0.00	34.44 -1.70 0.00	36.95 -1.96 0.00	51.79 -2.48 0.00	70.03 -3.78 1.05	76.56 -3.71 0.00	35.04 -1.34 0.00	30.98 -1.00 0.00	28.15 -0.71 0.00	26.93 -0.28 0.00	31.61 -0.33 0.00	31.64 -0.39 0.00	32.17 -0.50 0.00	31.86 -0.84 0.00	35.38 -1.00 0.00	41.40 -1.23 0.00	51.53 -1.48 0.00	44.36 -1.23 0.00	42.78 -1.32 0.00	40.24 -0.93 0.00	37.35 -0.77 0.00
RUSSELL___4 23556	32.75 -1.64 0.67	34.18 -1.68 0.00	33.17 -1.54 0.00	33.68 -1.62 0.00	34.44 -1.70 0.00	36.95 -1.96 0.00	51.79 -2.48 0.00	70.03 -3.78 1.05	76.56 -3.71 0.00	35.04 -1.34 0.00	30.98 -1.00 0.00	28.15 -0.71 0.00	26.93 -0.28 0.00	31.61 -0.33 0.00	31.64 -0.39 0.00	32.17 -0.50 0.00	31.86 -0.84 0.00	35.38 -1.00 0.00	41.40 -1.23 0.00	51.53 -1.48 0.00	44.36 -1.23 0.00	42.78 -1.32 0.00	40.24 -0.93 0.00	37.35 -0.77 0.00
RUSSELL___STATION 23914	32.75 -1.64 0.67	34.18 -1.68 0.00	33.17 -1.54 0.00	33.68 -1.62 0.00	34.44 -1.70 0.00	36.95 -1.96 0.00	51.79 -2.48 0.00	70.03 -3.78 1.05	76.56 -3.71 0.00	35.04 -1.34 0.00	30.98 -1.00 0.00	28.15 -0.71 0.00	26.93 -0.28 0.00	31.61 -0.33 0.00	31.64 -0.39 0.00	32.17 -0.50 0.00	31.86 -0.84 0.00	35.38 -1.00 0.00	41.40 -1.23 0.00	51.53 -1.48 0.00	44.36 -1.23 0.00	42.78 -1.32 0.00	40.24 -0.93 0.00	37.35 -0.77 0.00
S SALMON___HYD 24043	34.39 -0.67 0.00	35.07 -0.78 0.00	33.81 -0.91 0.00	34.25 -1.05 0.00	35.08 -1.06 0.00	37.74 -1.17 0.00	52.76 -1.52 0.00	72.78 -2.08 0.00	77.94 -2.34 0.00	35.34 -1.04 0.00	31.07 -0.91 0.00	28.06 -0.79 0.00	26.61 -0.60 0.00	31.44 -0.50 0.00	31.39 -0.63 0.00	32.01 -0.66 0.00	31.97 -0.73 0.00	35.48 -0.90 0.00	41.58 -1.05 0.00	51.98 -1.03 0.00	44.82 -0.78 0.00	43.21 -0.88 0.00	40.33 -0.84 0.00	37.36 -0.76 0.00
S.PERRY___115KV_TB1 80734	56.13 -1.64 -22.71	42.33 -1.67 -8.15	59.40 -1.52 -26.20	63.71 -1.58 -30.00	66.50 -1.53 -31.89	68.80 -1.71 -31.60	86.41 -2.11 -34.25	118.64 -3.11 -46.89	124.95 -3.14 -47.82	62.46 -1.58 -27.65	51.36 -1.60 -20.97	51.83 -1.20 -24.18	47.58 -0.93 -21.29	31.17 -0.78 0.00	38.93 -0.95 -7.85	54.81 -1.05 -23.19	59.42 -1.17 -27.90	66.25 -1.27 -31.14	76.56 -1.26 -35.20	93.03 -1.23 -41.25	69.96 -0.98 -25.34	48.67 -1.02 -5.60	40.59 -0.58 0.00	37.75 -0.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.77 -3.18 6.10	30.93 -3.23 1.69	26.30 -3.00 5.42	25.98 -3.11 6.20	26.30 -3.25 6.60	28.65 -3.72 6.54	42.32 -4.87 7.09	55.47 -7.48 11.91	62.79 -7.59 9.89	27.85 -2.81 5.72	25.56 -2.08 4.34	22.23 -1.62 5.00	21.77 -1.04 4.41	30.71 -1.23 0.00	29.03 -1.37 1.62	26.31 -1.56 4.80	24.87 -2.06 5.77	27.52 -2.42 6.44	32.32 -3.03 7.28	40.68 -3.79 8.53	37.15 -3.20 5.24	39.82 -3.12 1.16	38.97 -2.20 0.00	36.33 -1.79 0.00

SAWYER___23_KV_LOAD 55526	25.77 -3.18 6.10	30.93 -3.23 1.69	26.30 -3.00 5.42	25.98 -3.11 6.20	26.30 -3.25 6.60	28.65 -3.72 6.54	42.32 -4.87 7.09	55.47 -7.48 11.91	62.79 -7.59 9.89	27.85 -2.81 5.72	25.56 -2.08 4.34	22.23 -1.62 5.00	21.77 -1.04 4.41	30.71 -1.23 0.00	29.03 -1.37 1.62	26.31 -1.56 4.80	24.87 -2.06 5.77	27.52 -2.42 6.44	32.32 -3.03 7.28	40.68 -3.79 8.53	37.15 -3.20 5.24	39.82 -3.12 1.16	38.97 -2.20 0.00	36.33 -1.79 0.00
SELKIRK___I 23801	35.80 0.74 0.00	36.64 0.79 0.00	35.50 0.78 0.00	36.12 0.82 0.00	36.98 0.83 0.00	39.84 0.94 0.00	55.57 1.29 0.00	76.61 1.75 0.00	81.77 1.50 0.00	36.81 0.43 0.00	32.22 0.24 0.00	29.09 0.23 0.00	27.41 0.20 0.00	32.28 0.34 0.00	32.57 0.54 0.00	33.08 0.41 0.00	33.35 0.65 0.00	37.27 0.89 0.00	43.75 1.12 0.00	54.32 1.31 0.00	46.73 1.13 0.00	45.18 1.09 0.00	42.06 0.89 0.00	38.91 0.80 0.00
SELKIRK___II 23799	35.64 0.59 0.00	36.47 0.62 0.00	35.34 0.63 0.00	35.96 0.65 0.00	36.82 0.68 0.00	39.68 0.77 0.00	55.31 1.04 0.00	76.35 1.49 0.00	81.71 1.44 0.00	36.88 0.50 0.00	32.34 0.35 0.00	29.17 0.31 0.00	27.48 0.26 0.00	32.27 0.33 0.00	32.45 0.42 0.00	33.10 0.43 0.00	33.27 0.57 0.00	37.12 0.74 0.00	43.60 0.98 0.00	54.12 1.12 0.00	46.54 0.95 0.00	45.01 0.91 0.00	41.87 0.71 0.00	38.73 0.61 0.00
SENECA OSWGO___HYD 24041	34.25 -0.81 0.00	35.02 -0.82 0.00	33.94 -0.78 0.00	34.48 -0.82 0.00	35.29 -0.85 0.00	37.97 -0.93 0.00	53.05 -1.23 0.00	73.13 -1.73 0.00	78.43 -1.84 0.00	35.59 -0.79 0.00	31.35 -0.63 0.00	28.34 -0.51 0.00	26.72 -0.49 0.00	31.45 -0.49 0.00	31.56 -0.47 0.00	32.19 -0.48 0.00	32.13 -0.57 0.00	35.65 -0.74 0.00	41.71 -0.91 0.00	51.98 -1.02 0.00	44.70 -0.90 0.00	43.13 -0.96 0.00	40.26 -0.91 0.00	37.31 -0.81 0.00
SENECA___115KV_TB3 355854	26.83 -2.79 5.44	31.59 -2.81 1.44	27.49 -2.59 4.63	27.29 -2.71 5.30	27.69 -2.82 5.64	30.09 -3.22 5.59	44.05 -4.17 6.06	57.87 -6.46 10.53	65.26 -6.55 8.46	29.09 -2.41 4.89	26.56 -1.71 3.71	23.28 -1.30 4.28	22.70 -0.74 3.77	31.13 -0.82 0.00	29.64 -1.00 1.39	27.37 -1.20 4.10	26.10 -1.67 4.93	28.89 -1.98 5.51	33.89 -2.51 6.22	42.60 -3.11 7.29	38.50 -2.61 4.48	40.59 -2.51 0.99	39.53 -1.64 0.00	36.87 -1.26 0.00
SENECA___ENERGY 23797	35.42 -1.07 -1.43	35.33 -1.07 -0.55	35.54 -0.95 -1.78	36.38 -0.96 -2.03	37.36 -0.95 -2.16	39.89 -1.16 -2.14	55.06 -1.53 -2.32	75.63 -2.24 -3.01	81.35 -2.16 -3.24	37.42 -0.83 -1.87	32.76 -0.64 -1.42	29.87 -0.62 -1.64	28.16 -0.49 -1.44	31.57 -0.37 0.00	32.16 -0.40 -0.53	33.78 -0.45 -1.57	34.04 -0.55 -1.89	37.91 -0.58 -2.11	44.26 -0.75 -2.38	54.80 -1.00 -2.79	46.45 -0.85 -1.72	43.57 -0.90 -0.38	40.47 -0.69 0.00	37.56 -0.56 0.00
SHOEMAKER___GT 23640	35.96 0.90 0.00	36.77 0.92 0.00	35.66 0.94 0.00	36.27 0.97 0.00	37.18 1.04 0.00	40.13 1.23 0.00	55.96 1.68 0.00	77.18 2.32 0.00	82.66 2.39 0.00	37.33 0.94 0.00	32.69 0.71 0.00	29.50 0.65 0.00	27.73 0.52 0.00	32.58 0.64 0.00	32.63 0.60 0.00	33.45 0.78 0.00	33.56 0.86 0.00	37.54 1.15 0.00	44.18 1.55 0.00	54.96 1.96 0.00	47.16 1.57 0.00	45.62 1.53 0.00	42.35 1.18 0.00	39.11 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	35.94 0.89 0.00	36.75 0.90 0.00	35.65 0.93 0.00	36.27 0.96 0.00	37.17 1.02 0.00	40.11 1.21 0.00	55.94 1.67 0.00	77.17 2.31 0.00	82.63 2.36 0.00	37.33 0.94 0.00	32.71 0.73 0.00	29.52 0.66 0.00	27.76 0.55 0.00	32.58 0.64 0.00	32.65 0.63 0.00	33.46 0.79 0.00	33.58 0.88 0.00	37.55 1.16 0.00	44.18 1.55 0.00	54.95 1.94 0.00	47.16 1.57 0.00	45.60 1.51 0.00	42.32 1.15 0.00	39.08 0.96 0.00
SHOREHAM_IC_1 23715	35.86 0.80 0.00	36.85 1.00 0.00	35.99 1.28 0.00	36.83 1.53 0.00	37.77 1.63 0.00	41.33 2.42 0.00	57.97 3.70 0.00	79.75 4.89 0.00	85.31 5.04 0.00	38.34 1.96 0.00	33.43 1.45 0.00	29.76 0.90 0.00	27.86 0.65 0.00	32.59 0.65 0.00	32.68 0.65 0.00	35.22 1.12 -1.43	34.25 1.55 0.00	38.17 1.78 0.00	45.19 2.56 0.00	55.77 2.76 0.00	46.77 1.18 0.00	45.60 1.50 0.00	42.22 1.06 0.00	38.87 0.74 0.00
SHOREHAM_IC_2 23716	35.86 0.80 0.00	36.85 1.00 0.00	35.99 1.28 0.00	36.83 1.53 0.00	37.77 1.63 0.00	41.33 2.42 0.00	57.97 3.70 0.00	79.75 4.89 0.00	85.31 5.04 0.00	38.34 1.96 0.00	33.43 1.45 0.00	29.76 0.90 0.00	27.86 0.65 0.00	32.59 0.65 0.00	32.68 0.65 0.00	35.22 1.12 -1.43	34.25 1.55 0.00	38.17 1.78 0.00	45.19 2.56 0.00	55.77 2.76 0.00	46.77 1.18 0.00	45.60 1.50 0.00	42.22 1.06 0.00	38.87 0.74 0.00
SISSONVILLE____ 23735	34.92 -0.14 0.00	35.64 -0.20 0.00	34.35 -0.37 0.00	34.83 -0.48 0.00	35.64 -0.50 0.00	38.30 -0.61 0.00	53.40 -0.88 0.00	73.81 -1.05 0.00	79.12 -1.16 0.00	35.91 -0.48 0.00	31.53 -0.45 0.00	28.44 -0.41 0.00	26.67 -0.54 0.00	31.13 -0.81 0.00	37.73 -0.83 -6.53	31.89 -0.77 0.00	31.84 -0.86 0.00	36.25 -1.00 -0.88	51.38 -1.19 -9.94	63.14 -1.32 -11.46	54.60 -1.04 -10.05	53.09 -0.79 -9.78	50.35 -0.45 -9.63	46.49 -0.41 -8.78
SITHE_IND_GS1 24169	33.98 -1.08 0.00	34.78 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.03 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.68 -1.60 0.00	72.62 -2.25 0.00	77.91 -2.36 0.00	35.36 -1.02 0.00	31.14 -0.84 0.00	28.13 -0.72 0.00	26.57 -0.64 0.00	31.22 -0.72 0.00	31.32 -0.71 0.00	31.93 -0.74 0.00	31.89 -0.81 0.00	35.37 -1.01 0.00	41.32 -1.31 0.00	51.38 -1.63 0.00	44.20 -1.39 0.00	42.69 -1.40 0.00	39.88 -1.28 0.00	36.98 -1.14 0.00
SITHE_IND_GS2 24170	33.98 -1.08 0.00	34.78 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.03 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.68 -1.60 0.00	72.62 -2.25 0.00	77.91 -2.36 0.00	35.36 -1.02 0.00	31.14 -0.84 0.00	28.13 -0.72 0.00	26.57 -0.64 0.00	31.22 -0.72 0.00	31.32 -0.71 0.00	31.93 -0.74 0.00	31.89 -0.81 0.00	35.37 -1.01 0.00	41.32 -1.31 0.00	51.38 -1.63 0.00	44.20 -1.39 0.00	42.69 -1.40 0.00	39.88 -1.28 0.00	36.98 -1.14 0.00
SITHE_IND_GS3 24171	33.98 -1.08 0.00	34.78 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.03 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.68 -1.60 0.00	72.62 -2.25 0.00	77.91 -2.36 0.00	35.36 -1.02 0.00	31.14 -0.84 0.00	28.13 -0.72 0.00	26.57 -0.64 0.00	31.22 -0.72 0.00	31.32 -0.71 0.00	31.93 -0.74 0.00	31.89 -0.81 0.00	35.37 -1.01 0.00	41.32 -1.31 0.00	51.38 -1.63 0.00	44.20 -1.39 0.00	42.69 -1.40 0.00	39.88 -1.28 0.00	36.98 -1.14 0.00
SITHE_IND_GS4 24172	33.98 -1.08 0.00	34.78 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.03 0.00	35.08 -1.07 0.00	37.74 -1.17 0.00	52.68 -1.60 0.00	72.62 -2.25 0.00	77.91 -2.36 0.00	35.36 -1.02 0.00	31.14 -0.84 0.00	28.13 -0.72 0.00	26.57 -0.64 0.00	31.22 -0.72 0.00	31.32 -0.71 0.00	31.93 -0.74 0.00	31.89 -0.81 0.00	35.37 -1.01 0.00	41.32 -1.31 0.00	51.38 -1.63 0.00	44.20 -1.39 0.00	42.69 -1.40 0.00	39.88 -1.28 0.00	36.98 -1.14 0.00

SITHE___BATAVIA 24024	28.09 -2.10 4.87	32.32 -2.19 1.34	28.40 -2.03 4.29	28.29 -2.10 4.91	28.74 -2.18 5.22	31.22 -2.51 5.17	45.48 -3.19 5.61	60.39 -4.99 9.48	67.55 -4.89 7.83	30.04 -1.81 4.53	27.03 -1.52 3.44	23.86 -1.04 3.96	23.39 -0.33 3.49	31.54 -0.41 0.00	30.22 -0.52 1.28	28.14 -0.73 3.80	26.99 -1.15 4.57	29.93 -1.35 5.10	35.19 -1.68 5.76	44.37 -1.88 6.76	39.88 -1.56 4.15	41.50 -1.67 0.92	40.16 -1.01 0.00	37.27 -0.85 0.00
SITHE___INDEPEND 23800	33.98 -1.08 0.00	34.77 -1.07 0.00	33.71 -1.01 0.00	34.27 -1.03 0.00	35.08 -1.06 0.00	37.73 -1.17 0.00	52.67 -1.60 0.00	72.61 -2.25 0.00	77.90 -2.37 0.00	35.35 -1.03 0.00	31.13 -0.85 0.00	28.13 -0.73 0.00	26.56 -0.64 0.00	31.22 -0.72 0.00	31.31 -0.71 0.00	31.93 -0.74 0.00	31.89 -0.81 0.00	35.36 -1.02 0.00	41.31 -1.31 0.00	51.38 -1.63 0.00	44.20 -1.39 0.00	42.69 -1.40 0.00	39.88 -1.28 0.00	36.98 -1.14 0.00
SITHE___MASSENA 23902	35.45 0.39 0.00	36.22 0.37 0.00	34.98 0.26 0.00	35.53 0.22 0.00	36.35 0.21 0.00	39.06 0.16 0.00	54.46 0.18 0.00	75.16 0.30 0.00	80.66 0.39 0.00	36.69 0.31 0.00	32.29 0.31 0.00	29.11 0.26 0.00	27.40 0.19 0.00	31.98 0.04 0.00	33.53 0.00 -1.51	32.66 -0.01 0.00	32.58 -0.12 0.00	36.38 -0.21 -0.20	44.64 -0.28 -2.29	55.36 -0.29 -2.64	47.69 -0.22 -2.32	46.27 -0.08 -2.26	43.60 0.21 -2.22	40.40 0.25 -2.02
SITHE___OGDNSBRG 24021	35.93 0.88 0.00	36.69 0.84 0.00	35.41 0.69 0.00	35.92 0.62 0.00	36.77 0.62 0.00	39.52 0.62 0.00	55.13 0.86 0.00	76.09 1.23 0.00	81.32 1.05 0.00	36.71 0.33 0.00	32.19 0.21 0.00	29.15 0.30 0.00	27.51 0.30 0.00	31.98 0.03 0.00	36.77 0.17 -4.58	32.99 0.32 0.00	32.92 0.22 0.00	37.20 0.20 -0.61	49.90 0.30 -6.97	61.53 0.49 -8.04	53.10 0.46 -7.05	51.55 0.60 -6.86	48.77 0.86 -6.75	45.09 0.82 -6.16
SITHE___STERLING 23777	35.54 0.49 0.00	36.27 0.42 0.00	35.09 0.37 0.00	35.65 0.34 0.00	36.53 0.39 0.00	39.34 0.44 0.00	55.03 0.75 0.00	75.95 1.09 0.00	81.30 1.03 0.00	36.79 0.41 0.00	32.35 0.36 0.00	29.12 0.27 0.00	27.60 0.39 0.00	32.41 0.47 0.00	32.56 0.53 0.00	33.24 0.57 0.00	33.35 0.65 0.00	37.07 0.68 0.00	43.40 0.77 0.00	54.08 1.07 0.00	46.55 0.95 0.00	44.90 0.81 0.00	41.86 0.69 0.00	38.73 0.61 0.00
SLEIGHT__34_KV_TB1 80719	33.28 -1.43 0.35	34.39 -1.46 0.00	33.39 -1.33 0.00	33.95 -1.35 0.00	34.74 -1.40 0.00	37.27 -1.64 0.00	52.19 -2.09 0.00	71.23 -3.08 0.55	77.23 -3.04 0.00	35.27 -1.11 0.00	31.14 -0.84 0.00	28.10 -0.76 0.00	26.74 -0.47 0.00	31.51 -0.43 0.00	31.55 -0.48 0.00	32.10 -0.56 0.00	31.96 -0.74 0.00	35.48 -0.90 0.00	41.54 -1.09 0.00	51.66 -1.35 0.00	44.46 -1.13 0.00	42.90 -1.20 0.00	40.21 -0.96 0.00	37.31 -0.81 0.00
SOUTH CAIRO___GT 23612	36.96 1.91 0.00	37.79 1.94 0.00	36.59 1.87 0.00	37.23 1.93 0.00	38.13 1.98 0.00	41.12 2.22 0.00	57.44 3.16 0.00	79.39 4.53 0.00	84.70 4.44 0.00	37.89 1.51 0.00	32.85 0.87 0.00	29.55 0.69 0.00	27.83 0.62 0.00	32.75 0.81 0.00	33.21 1.18 0.00	33.85 1.18 0.00	33.91 1.21 0.00	38.42 2.03 0.00	45.39 2.76 0.00	56.35 3.34 0.00	48.48 2.89 0.00	46.80 2.70 0.00	43.54 2.38 0.00	40.25 2.13 0.00
SOUTH HAMPTN___IC 23720	35.88 0.82 0.00	37.02 1.17 0.00	36.08 1.36 0.00	36.86 1.56 0.00	37.78 1.64 0.00	41.47 2.57 0.00	58.14 3.86 0.00	80.08 5.22 0.00	85.32 5.05 0.00	38.25 1.87 0.00	33.32 1.34 0.00	29.65 0.80 0.00	27.90 0.69 0.00	32.68 0.74 0.00	32.79 0.76 0.00	35.33 1.25 -1.40	34.36 1.66 0.00	38.35 1.97 0.00	45.43 2.80 0.00	55.86 2.86 0.00	46.81 1.22 0.00	45.62 1.52 0.00	42.24 1.08 0.00	38.87 0.75 0.00
SOUTHDOW_115KV_TB1 355954	31.02 -2.67 1.37	33.16 -2.69 0.00	32.44 -2.28 0.00	33.02 -2.28 0.00	33.85 -2.29 0.00	36.39 -2.51 0.00	51.27 -3.01 0.00	67.95 -4.76 2.16	75.25 -5.02 0.00	34.54 -1.84 0.00	30.70 -1.28 0.00	27.88 -0.97 0.00	26.94 -0.27 0.00	31.75 -0.19 0.00	31.29 -0.74 0.00	31.72 -0.95 0.00	31.57 -1.13 0.00	35.16 -1.22 0.00	41.26 -1.36 0.00	51.56 -1.44 0.00	44.36 -1.24 0.00	43.05 -1.05 0.00	41.13 -0.04 0.00	38.42 0.30 0.00
SOUTHOLD_69_KV_BK 2 55809	35.52 0.46 0.00	36.93 1.08 0.00	35.92 1.20 0.00	36.63 1.32 0.00	37.51 1.37 0.00	41.54 2.64 0.00	58.23 3.96 0.00	80.42 5.57 0.00	85.09 4.81 0.00	37.97 1.58 0.00	32.96 0.98 0.00	29.30 0.44 0.00	27.74 0.54 0.00	32.63 0.69 0.00	32.74 0.71 0.00	35.32 1.25 -1.40	34.39 1.69 0.00	38.46 2.07 0.00	45.54 2.92 0.00	55.65 2.65 0.00	46.38 0.79 0.00	45.20 1.11 0.00	41.82 0.66 0.00	38.45 0.33 0.00
SOUTHOLD___IC 23719	35.51 0.45 0.00	36.92 1.07 0.00	35.91 1.19 0.00	36.62 1.32 0.00	37.51 1.37 0.00	41.53 2.63 0.00	58.21 3.94 0.00	80.40 5.54 0.00	85.05 4.78 0.00	37.95 1.57 0.00	32.95 0.97 0.00	29.29 0.44 0.00	27.74 0.53 0.00	32.63 0.69 0.00	32.74 0.71 0.00	35.32 1.25 -1.40	34.38 1.68 0.00	38.44 2.05 0.00	45.54 2.92 0.00	55.65 2.64 0.00	46.37 0.78 0.00	45.21 1.11 0.00	41.83 0.66 0.00	38.45 0.33 0.00
SOUTH_FORK_WT_PWR 323839	34.91 -0.15 0.00	36.53 0.68 0.00	35.48 0.76 0.00	36.14 0.83 0.00	36.97 0.83 0.00	41.21 2.30 0.00	57.73 3.46 0.00	79.91 5.06 0.00	84.07 3.80 0.00	37.43 1.05 0.00	32.44 0.46 0.00	28.81 -0.04 0.00	27.43 0.22 0.00	32.36 0.43 0.00	32.48 0.46 0.00	35.06 0.98 -1.40	34.11 1.41 0.00	38.17 1.79 0.00	45.25 2.62 0.00	54.95 1.95 0.00	45.58 -0.01 0.00	44.44 0.35 0.00	41.10 -0.06 0.00	37.78 -0.34 0.00
SPIERFLS_115KV_TB 1 80737	36.66 1.61 0.00	37.51 1.66 0.00	36.31 1.60 0.00	36.97 1.67 0.00	37.88 1.74 0.00	40.84 1.93 0.00	57.28 3.01 0.00	79.74 4.88 0.00	85.34 5.06 0.00	37.98 1.60 0.00	32.92 0.93 0.00	29.57 0.71 0.00	27.82 0.61 0.00	33.02 1.09 0.00	33.58 1.55 0.00	34.19 1.52 0.00	34.63 1.93 0.00	38.96 2.57 0.00	45.62 3.00 0.00	56.63 3.63 0.00	48.78 3.19 0.00	47.10 3.01 0.00	43.76 2.60 0.00	40.55 2.43 0.00
ST LAWRENCE____ 23600	35.13 0.08 0.00	35.91 0.06 0.00	34.70 -0.01 0.00	35.27 -0.04 0.00	36.09 -0.06 0.00	38.79 -0.12 0.00	54.05 -0.23 0.00	74.60 -0.26 0.00	80.12 -0.15 0.00	36.46 0.08 0.00	32.10 0.12 0.00	28.93 0.07 0.00	27.23 0.02 0.00	31.80 -0.14 0.00	31.83 -0.19 0.00	32.45 -0.22 0.00	32.36 -0.34 0.00	35.94 -0.44 0.00	42.05 -0.57 0.00	52.35 -0.66 0.00	45.05 -0.54 0.00	43.68 -0.41 0.00	41.04 -0.13 0.00	38.04 -0.08 0.00
STATE_CA_115KV_115_LB 55624	35.76 0.70 0.00	36.58 0.73 0.00	35.43 0.71 0.00	36.05 0.75 0.00	36.92 0.77 0.00	39.79 0.88 0.00	55.48 1.20 0.00	76.57 1.71 0.00	81.90 1.63 0.00	36.97 0.59 0.00	32.41 0.43 0.00	29.22 0.37 0.00	27.53 0.32 0.00	32.36 0.42 0.00	32.59 0.56 0.00	33.21 0.54 0.00	33.42 0.72 0.00	37.29 0.91 0.00	43.76 1.13 0.00	54.29 1.28 0.00	46.69 1.10 0.00	45.15 1.06 0.00	42.00 0.83 0.00	38.83 0.71 0.00

STATE_ST_34_KV_LOAD 55959	35.11 -0.37 -0.42	35.56 -0.28 0.00	34.53 -0.19 0.00	35.12 -0.18 0.00	35.98 -0.16 0.00	38.53 -0.38 0.00	53.84 -0.44 0.00	74.86 -0.67 -0.66	79.80 -0.47 0.00	36.20 -0.18 0.00	31.96 -0.03 0.00	28.77 -0.08 0.00	27.11 -0.10 0.00	32.06 0.12 0.00	32.17 0.14 0.00	32.75 0.08 0.00	32.76 0.06 0.00	36.42 0.03 0.00	42.65 0.03 0.00	52.87 -0.14 0.00	45.46 -0.13 0.00	43.91 -0.18 0.00	41.08 -0.09 0.00	38.11 -0.01 0.00
STATION 5_MISC_HYD 23604	32.62 -1.77 0.67	34.04 -1.81 0.00	33.05 -1.67 0.00	33.58 -1.72 0.00	34.34 -1.81 0.00	36.83 -2.08 0.00	51.59 -2.68 0.00	69.74 -4.06 1.05	76.25 -4.03 0.00	34.91 -1.47 0.00	30.85 -1.13 0.00	28.02 -0.83 0.00	26.79 -0.42 0.00	31.44 -0.50 0.00	31.48 -0.55 0.00	32.04 -0.63 0.00	31.75 -0.95 0.00	35.26 -1.13 0.00	41.18 -1.44 0.00	51.28 -1.73 0.00	44.13 -1.46 0.00	42.54 -1.56 0.00	40.03 -1.14 0.00	37.15 -0.97 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.54 -0.99 0.52	34.83 -1.01 0.00	33.81 -0.90 0.00	34.38 -0.92 0.00	35.20 -0.94 0.00	37.78 -1.12 0.00	52.90 -1.37 0.00	71.93 -2.11 0.82	78.27 -2.01 0.00	35.71 -0.67 0.00	31.48 -0.50 0.00	28.43 -0.42 0.00	27.03 -0.18 0.00	31.84 -0.10 0.00	31.89 -0.13 0.00	32.47 -0.20 0.00	32.33 -0.37 0.00	35.97 -0.41 0.00	42.10 -0.53 0.00	52.34 -0.67 0.00	45.03 -0.56 0.00	43.45 -0.64 0.00	40.73 -0.44 0.00	37.78 -0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.53 -1.88 0.65	33.94 -1.91 0.00	32.94 -1.78 0.00	33.45 -1.85 0.00	34.22 -1.93 0.00	36.70 -2.21 0.00	51.43 -2.85 0.00	69.57 -4.27 1.03	76.02 -4.25 0.00	34.79 -1.59 0.00	30.75 -1.23 0.00	27.91 -0.95 0.00	26.67 -0.54 0.00	31.32 -0.62 0.00	31.35 -0.67 0.00	31.90 -0.77 0.00	31.62 -1.08 0.00	35.09 -1.29 0.00	41.04 -1.59 0.00	51.07 -1.93 0.00	43.95 -1.64 0.00	42.39 -1.70 0.00	39.87 -1.30 0.00	37.01 -1.11 0.00
STA_56___34_KV_BUS2 355983	32.53 -1.88 0.65	33.94 -1.91 0.00	32.94 -1.78 0.00	33.45 -1.85 0.00	34.22 -1.93 0.00	36.70 -2.21 0.00	51.43 -2.85 0.00	69.57 -4.27 1.03	76.02 -4.25 0.00	34.79 -1.59 0.00	30.75 -1.23 0.00	27.91 -0.95 0.00	26.67 -0.54 0.00	31.32 -0.62 0.00	31.35 -0.67 0.00	31.90 -0.77 0.00	31.62 -1.08 0.00	35.09 -1.29 0.00	41.04 -1.59 0.00	51.07 -1.93 0.00	43.95 -1.64 0.00	42.39 -1.70 0.00	39.87 -1.30 0.00	37.01 -1.11 0.00
STA_67___115KV_BK2 355882	32.53 -1.86 0.67	33.95 -1.90 0.00	32.97 -1.75 0.00	33.48 -1.83 0.00	34.22 -1.92 0.00	36.71 -2.20 0.00	51.44 -2.83 0.00	69.54 -4.27 1.05	76.00 -4.27 0.00	34.79 -1.59 0.00	30.77 -1.22 0.00	27.94 -0.91 0.00	26.72 -0.49 0.00	31.36 -0.58 0.00	31.39 -0.64 0.00	31.94 -0.73 0.00	31.64 -1.06 0.00	35.11 -1.27 0.00	41.05 -1.58 0.00	51.08 -1.92 0.00	43.98 -1.62 0.00	42.42 -1.68 0.00	39.92 -1.25 0.00	37.06 -1.06 0.00
STA_7___115KV_9TRANS 80674	32.75 -1.64 0.67	34.18 -1.68 0.00	33.17 -1.54 0.00	33.68 -1.62 0.00	34.44 -1.70 0.00	36.95 -1.96 0.00	51.79 -2.48 0.00	70.03 -3.78 1.05	76.56 -3.71 0.00	35.04 -1.34 0.00	30.98 -1.00 0.00	28.15 -0.71 0.00	26.93 -0.28 0.00	31.61 -0.33 0.00	31.64 -0.39 0.00	32.17 -0.50 0.00	31.86 -0.84 0.00	35.38 -1.00 0.00	41.40 -1.23 0.00	51.53 -1.48 0.00	44.36 -1.23 0.00	42.78 -1.32 0.00	40.24 -0.93 0.00	37.35 -0.77 0.00
STA_82___115KV_TB1 80780	32.52 -1.86 0.68	33.96 -1.89 0.00	32.97 -1.75 0.00	33.48 -1.83 0.00	34.23 -1.92 0.00	36.71 -2.19 0.00	51.45 -2.82 0.00	69.53 -4.27 1.06	76.04 -4.23 0.00	34.80 -1.59 0.00	30.76 -1.22 0.00	27.94 -0.91 0.00	26.73 -0.48 0.00	31.37 -0.57 0.00	31.40 -0.63 0.00	31.94 -0.73 0.00	31.64 -1.06 0.00	35.12 -1.26 0.00	41.05 -1.57 0.00	51.09 -1.91 0.00	43.98 -1.61 0.00	42.42 -1.67 0.00	39.92 -1.25 0.00	37.07 -1.05 0.00
STEEL___WIND 323596	26.80 -2.82 5.44	31.55 -2.86 1.44	27.47 -2.61 4.63	27.30 -2.70 5.30	27.69 -2.82 5.64	30.09 -3.22 5.59	44.04 -4.18 6.06	57.82 -6.51 10.53	65.21 -6.61 8.46	29.07 -2.43 4.89	26.57 -1.71 3.71	23.25 -1.33 4.28	22.67 -0.78 3.77	31.09 -0.86 0.00	29.57 -1.07 1.39	27.35 -1.22 4.10	26.12 -1.65 4.93	28.92 -1.96 5.51	33.86 -2.54 6.22	42.58 -3.13 7.29	38.44 -2.67 4.48	40.54 -2.56 0.99	39.49 -1.68 0.00	36.83 -1.29 0.00
STEPHTWN_115KV_BK_2 55603	35.93 0.87 0.00	36.82 0.97 0.00	35.62 0.90 0.00	36.26 0.96 0.00	37.10 0.96 0.00	40.05 1.14 0.00	55.98 1.71 0.00	77.17 2.31 0.00	82.54 2.27 0.00	37.16 0.78 0.00	32.55 0.57 0.00	29.30 0.45 0.00	27.64 0.43 0.00	32.52 0.58 0.00	32.70 0.67 0.00	33.32 0.65 0.00	33.61 0.91 0.00	37.49 1.11 0.00	44.14 1.51 0.00	54.79 1.79 0.00	47.06 1.47 0.00	45.56 1.46 0.00	42.33 1.16 0.00	39.12 1.00 0.00
STEUBEN_REC_LFGE 323667	43.87 -3.60 -12.41	37.76 -3.51 -5.42	48.88 -3.27 -17.42	51.92 -3.33 -19.95	54.32 -3.03 -21.21	56.57 -3.35 -21.02	72.45 -4.60 -22.78	95.17 -6.63 -26.94	105.25 -6.82 -31.80	51.87 -2.91 -18.39	43.15 -2.78 -13.95	42.28 -2.65 -16.08	38.98 -2.39 -14.16	29.33 -2.61 0.00	34.50 -2.74 -5.22	45.28 -2.81 -15.42	48.29 -2.96 -18.55	53.94 -3.16 -20.71	62.30 -3.74 -23.41	76.07 -4.37 -27.44	58.72 -3.72 -16.85	44.33 -3.49 -3.72	38.77 -2.39 0.00	36.26 -1.86 0.00
STILLWATER___SOLAR 323814	36.41 1.35 0.00	37.26 1.41 0.00	36.08 1.36 0.00	36.72 1.42 0.00	37.61 1.47 0.00	40.53 1.63 0.00	56.60 2.33 0.00	78.13 3.27 0.00	83.58 3.31 0.00	37.47 1.09 0.00	32.73 0.75 0.00	29.47 0.61 0.00	27.73 0.52 0.00	32.67 0.73 0.00	33.07 1.04 0.00	33.63 0.96 0.00	33.92 1.22 0.00	37.98 1.60 0.00	44.55 1.93 0.00	55.30 2.29 0.00	47.61 2.02 0.00	46.01 1.92 0.00	42.81 1.64 0.00	39.60 1.48 0.00
STONY___BROOK 24151	36.45 1.40 0.00	37.39 1.54 0.00	36.40 1.68 0.00	37.14 1.84 0.00	38.07 1.93 0.00	41.46 2.55 0.00	57.94 3.67 0.00	79.70 4.84 0.00	85.38 5.11 0.00	38.49 2.11 0.00	33.59 1.61 0.00	30.02 1.17 0.00	28.20 0.99 0.00	32.96 1.02 0.00	33.09 1.06 0.00	35.62 1.48 -1.47	34.52 1.82 0.00	38.45 2.07 0.00	45.50 2.87 0.00	56.28 3.27 0.00	47.72 2.13 0.00	46.53 2.44 0.00	43.11 1.94 0.00	39.67 1.56 0.00
STURGEON_POOL_HYD 23609	36.37 1.32 0.00	37.21 1.36 0.00	36.10 1.38 0.00	36.73 1.42 0.00	37.63 1.48 0.00	40.63 1.73 0.00	56.69 2.41 0.00	78.25 3.39 0.00	83.83 3.56 0.00	37.92 1.54 0.00	33.20 1.22 0.00	29.93 1.08 0.00	28.15 0.95 0.00	32.98 1.04 0.00	33.06 1.03 0.00	33.90 1.23 0.00	34.05 1.35 0.00	37.99 1.60 0.00	44.79 2.16 0.00	55.73 2.72 0.00	47.83 2.24 0.00	46.22 2.13 0.00	42.87 1.71 0.00	39.56 1.44 0.00
ST_LAW_115_BK7_LBMP 345037	35.16 0.10 0.00	35.93 0.08 0.00	34.72 0.01 0.00	35.28 -0.02 0.00	36.10 -0.04 0.00	38.79 -0.11 0.00	54.07 -0.20 0.00	74.62 -0.24 0.00	80.12 -0.15 0.00	36.47 0.09 0.00	32.10 0.12 0.00	28.93 0.08 0.00	27.23 0.02 0.00	31.79 -0.15 0.00	31.83 -0.20 0.00	32.44 -0.23 0.00	32.35 -0.35 0.00	35.92 -0.46 0.00	42.04 -0.58 0.00	52.32 -0.68 0.00	45.03 -0.56 0.00	43.68 -0.42 0.00	41.05 -0.12 0.00	38.05 -0.07 0.00

ST_LAW_115_BK8_LBMP 345038	35.16 0.10 0.00	35.93 0.08 0.00	34.72 0.01 0.00	35.28 -0.02 0.00	36.10 -0.04 0.00	38.79 -0.11 0.00	54.07 -0.20 0.00	74.62 -0.24 0.00	80.12 -0.15 0.00	36.47 0.09 0.00	32.10 0.12 0.00	28.93 0.08 0.00	27.23 0.02 0.00	31.79 -0.15 0.00	31.83 -0.20 0.00	32.44 -0.23 0.00	32.35 -0.35 0.00	35.92 -0.46 0.00	42.04 -0.58 0.00	52.32 -0.68 0.00	45.03 -0.56 0.00	43.68 -0.42 0.00	41.05 -0.12 0.00	38.05 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	35.13 0.08 0.00	35.91 0.06 0.00	34.70 -0.01 0.00	35.27 -0.04 0.00	36.09 -0.06 0.00	38.79 -0.12 0.00	54.05 -0.23 0.00	74.60 -0.26 0.00	80.12 -0.15 0.00	36.46 0.08 0.00	32.10 0.12 0.00	28.93 0.07 0.00	27.23 0.02 0.00	31.80 -0.14 0.00	31.83 -0.19 0.00	32.45 -0.22 0.00	32.36 -0.34 0.00	35.94 -0.44 0.00	42.05 -0.57 0.00	52.35 -0.66 0.00	45.05 -0.54 0.00	43.68 -0.41 0.00	41.04 -0.13 0.00	38.04 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	35.13 0.08 0.00	35.91 0.06 0.00	34.70 -0.01 0.00	35.27 -0.04 0.00	36.09 -0.06 0.00	38.79 -0.12 0.00	54.05 -0.23 0.00	74.60 -0.26 0.00	80.12 -0.15 0.00	36.46 0.08 0.00	32.10 0.12 0.00	28.93 0.07 0.00	27.23 0.02 0.00	31.80 -0.14 0.00	31.83 -0.19 0.00	32.45 -0.22 0.00	32.36 -0.34 0.00	35.94 -0.44 0.00	42.05 -0.57 0.00	52.35 -0.66 0.00	45.05 -0.54 0.00	43.68 -0.41 0.00	41.04 -0.13 0.00	38.04 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.04 0.98 0.00	36.85 1.00 0.00	35.76 1.04 0.00	36.38 1.08 0.00	37.29 1.15 0.00	40.26 1.36 0.00	56.16 1.88 0.00	77.47 2.60 0.00	82.92 2.65 0.00	37.47 1.08 0.00	32.85 0.86 0.00	29.64 0.79 0.00	27.90 0.69 0.00	32.71 0.77 0.00	32.80 0.77 0.00	33.58 0.91 0.00	33.75 1.05 0.00	37.69 1.31 0.00	44.38 1.75 0.00	55.19 2.19 0.00	47.36 1.76 0.00	45.78 1.68 0.00	42.45 1.28 0.00	39.17 1.05 0.00
SWANROAD_115KV_TB1 355699	24.50 -3.92 6.64	29.97 -4.00 1.88	24.88 -3.80 6.04	24.47 -3.92 6.91	24.72 -4.08 7.35	27.01 -4.61 7.28	40.23 -6.15 7.89	52.55 -9.30 13.01	59.73 -9.52 11.02	26.36 -3.65 6.37	24.33 -2.82 4.83	21.00 -2.28 5.57	20.63 -1.67 4.91	30.00 -1.94 0.00	28.17 -2.05 1.81	24.99 -2.33 5.34	23.42 -2.85 6.43	25.89 -3.31 7.18	30.43 -4.08 8.11	38.40 -5.10 9.51	35.45 -4.30 5.84	38.63 -4.18 1.29	38.04 -3.13 0.00	35.43 -2.69 0.00
SYNERGY___BIOGAS 323694	28.09 -2.10 4.87	32.32 -2.19 1.34	28.40 -2.03 4.29	28.29 -2.10 4.91	28.74 -2.18 5.22	31.22 -2.51 5.17	45.48 -3.19 5.61	60.39 -4.99 9.48	67.55 -4.89 7.83	30.04 -1.81 4.53	27.03 -1.52 3.44	23.86 -1.04 3.96	23.39 -0.33 3.49	31.54 -0.41 0.00	30.22 -0.52 1.28	28.14 -0.73 3.80	26.99 -1.15 4.57	29.93 -1.35 5.10	35.19 -1.68 5.76	44.37 -1.88 6.76	39.88 -1.56 4.15	41.50 -1.67 0.92	40.16 -1.01 0.00	37.27 -0.85 0.00
SYRACUSE___ENERGY_ST1 323597	34.62 -0.44 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.48 -0.43 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.49 -0.78 0.00	36.07 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.14 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.64 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.72 -0.28 0.00	45.34 -0.26 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.85 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	34.62 -0.44 0.00	35.42 -0.43 0.00	34.38 -0.34 0.00	34.96 -0.34 0.00	35.80 -0.34 0.00	38.48 -0.43 0.00	53.76 -0.51 0.00	74.08 -0.78 0.00	79.49 -0.78 0.00	36.07 -0.31 0.00	31.79 -0.19 0.00	28.72 -0.14 0.00	27.08 -0.13 0.00	31.88 -0.06 0.00	32.00 -0.03 0.00	32.64 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.72 -0.28 0.00	45.34 -0.26 0.00	43.75 -0.34 0.00	40.85 -0.32 0.00	37.85 -0.27 0.00
SYRACUSE___POWER 24017	34.93 -0.42 -0.29	35.42 -0.43 0.00	34.35 -0.37 0.00	34.92 -0.38 0.00	35.76 -0.38 0.00	38.47 -0.44 0.00	53.74 -0.53 0.00	74.53 -0.78 -0.45	79.47 -0.80 0.00	36.06 -0.33 0.00	31.77 -0.22 0.00	28.70 -0.15 0.00	27.09 -0.12 0.00	31.83 -0.11 0.00	31.98 -0.04 0.00	32.65 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.75 -0.26 0.00	45.34 -0.25 0.00	43.78 -0.31 0.00	40.86 -0.31 0.00	37.85 -0.27 0.00
TALLMAN___138KV_BK151 55660	36.14 1.08 0.00	36.93 1.08 0.00	35.84 1.12 0.00	36.47 1.17 0.00	37.40 1.26 0.00	40.41 1.51 0.00	56.39 2.11 0.00	77.77 2.91 0.00	83.21 2.94 0.00	37.61 1.23 0.00	33.00 1.02 0.00	29.78 0.93 0.00	28.04 0.83 0.00	32.84 0.90 0.00	32.93 0.90 0.00	33.73 1.07 0.00	33.91 1.21 0.00	37.85 1.47 0.00	44.58 1.96 0.00	55.43 2.43 0.00	47.54 1.95 0.00	45.94 1.84 0.00	42.57 1.40 0.00	39.25 1.13 0.00
TEALLAVE_115KV_TB7 355573	34.48 -0.58 0.00	35.26 -0.59 0.00	34.19 -0.53 0.00	34.76 -0.54 0.00	35.59 -0.55 0.00	38.28 -0.62 0.00	53.48 -0.79 0.00	73.71 -1.15 0.00	79.08 -1.19 0.00	35.90 -0.49 0.00	31.62 -0.36 0.00	28.57 -0.28 0.00	26.98 -0.22 0.00	31.72 -0.22 0.00	31.84 -0.19 0.00	32.50 -0.17 0.00	32.46 -0.24 0.00	36.05 -0.33 0.00	42.15 -0.47 0.00	52.45 -0.56 0.00	45.12 -0.48 0.00	43.54 -0.55 0.00	40.66 -0.51 0.00	37.66 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	25.96 -2.99 6.11	31.07 -3.05 1.73	26.30 -2.87 5.55	25.98 -2.97 6.35	26.33 -3.07 6.75	28.71 -3.50 6.69	42.45 -4.58 7.25	55.89 -7.00 11.97	63.07 -7.08 10.12	27.86 -2.67 5.85	25.45 -2.09 4.44	22.16 -1.58 5.12	21.74 -0.96 4.51	30.80 -1.14 0.00	29.11 -1.26 1.66	26.27 -1.49 4.91	24.81 -1.98 5.90	27.49 -2.30 6.59	32.35 -2.83 7.45	40.81 -3.46 8.73	37.33 -2.90 5.36	40.03 -2.88 1.19	39.14 -2.03 0.00	36.41 -1.71 0.00
TEMPLE___115KV_TB 2 55572	34.50 -0.56 0.00	35.27 -0.57 0.00	34.20 -0.52 0.00	34.78 -0.52 0.00	35.61 -0.54 0.00	38.29 -0.61 0.00	53.51 -0.77 0.00	73.73 -1.13 0.00	79.10 -1.17 0.00	35.91 -0.47 0.00	31.63 -0.35 0.00	28.59 -0.27 0.00	27.00 -0.21 0.00	31.73 -0.21 0.00	31.86 -0.17 0.00	32.52 -0.15 0.00	32.48 -0.22 0.00	36.07 -0.31 0.00	42.18 -0.45 0.00	52.49 -0.52 0.00	45.12 -0.48 0.00	43.57 -0.52 0.00	40.67 -0.50 0.00	37.68 -0.43 0.00
TIANA____69_KV_BK 1 55817	36.01 0.95 0.00	37.08 1.23 0.00	36.15 1.43 0.00	36.94 1.64 0.00	37.87 1.73 0.00	41.49 2.59 0.00	58.17 3.90 0.00	80.07 5.21 0.00	85.49 5.22 0.00	38.36 1.97 0.00	33.43 1.44 0.00	29.76 0.91 0.00	27.97 0.76 0.00	32.72 0.78 0.00	32.82 0.79 0.00	35.35 1.28 -1.40	34.39 1.70 0.00	38.38 2.00 0.00	45.41 2.78 0.00	55.97 2.96 0.00	46.98 1.39 0.00	45.77 1.68 0.00	42.38 1.21 0.00	39.01 0.89 0.00
TILDEN___115KV_TB1 80814	34.93 -0.42 -0.29	35.42 -0.43 0.00	34.35 -0.37 0.00	34.92 -0.38 0.00	35.76 -0.38 0.00	38.47 -0.44 0.00	53.74 -0.53 0.00	74.53 -0.78 -0.45	79.47 -0.80 0.00	36.06 -0.33 0.00	31.77 -0.22 0.00	28.70 -0.15 0.00	27.09 -0.12 0.00	31.83 -0.11 0.00	31.98 -0.04 0.00	32.65 -0.02 0.00	32.62 -0.08 0.00	36.24 -0.14 0.00	42.39 -0.24 0.00	52.75 -0.26 0.00	45.34 -0.25 0.00	43.78 -0.31 0.00	40.86 -0.31 0.00	37.85 -0.27 0.00

TRIGEN__CC 323695	36.58 1.53 0.00	37.47 1.62 0.00	36.39 1.67 0.00	37.04 1.74 0.00	37.95 1.80 0.00	41.14 2.23 0.00	57.36 3.09 0.00	78.96 4.10 0.00	84.61 4.34 0.00	38.28 1.90 0.00	33.55 1.57 0.00	30.15 1.30 0.00	28.38 1.17 0.00	33.19 1.25 0.00	33.26 1.24 0.00	45.10 1.61 -10.83	34.43 1.73 0.00	38.38 1.99 0.00	45.27 2.65 0.00	56.12 3.11 0.00	47.95 2.36 0.00	46.51 2.41 0.00	43.13 1.97 0.00	39.78 1.66 0.00
TRINITY__115KV__ 4 BK 55933	35.62 0.57 0.00	36.45 0.60 0.00	35.31 0.59 0.00	35.93 0.63 0.00	36.79 0.65 0.00	39.65 0.74 0.00	55.26 0.99 0.00	76.29 1.43 0.00	81.64 1.37 0.00	36.85 0.46 0.00	32.30 0.32 0.00	29.14 0.28 0.00	27.43 0.22 0.00	32.21 0.27 0.00	32.43 0.40 0.00	33.08 0.41 0.00	33.28 0.58 0.00	37.13 0.74 0.00	43.57 0.94 0.00	54.04 1.04 0.00	46.49 0.90 0.00	44.95 0.85 0.00	41.82 0.65 0.00	38.68 0.56 0.00
UNION__PROCESSING_DRP 323587	32.53 -1.85 0.68	33.96 -1.89 0.00	32.97 -1.75 0.00	33.48 -1.82 0.00	34.23 -1.91 0.00	36.72 -2.18 0.00	51.45 -2.82 0.00	69.53 -4.27 1.06	76.04 -4.23 0.00	34.80 -1.58 0.00	30.77 -1.22 0.00	27.95 -0.90 0.00	26.73 -0.48 0.00	31.38 -0.56 0.00	31.41 -0.62 0.00	31.94 -0.73 0.00	31.65 -1.05 0.00	35.12 -1.26 0.00	41.05 -1.57 0.00	51.10 -1.90 0.00	44.00 -1.60 0.00	42.43 -1.67 0.00	39.93 -1.24 0.00	37.08 -1.04 0.00
UPPER HUDSON__HYD 24058	36.66 1.60 0.00	37.51 1.66 0.00	36.32 1.60 0.00	36.97 1.67 0.00	37.88 1.74 0.00	40.83 1.93 0.00	57.27 3.00 0.00	79.74 4.88 0.00	85.34 5.06 0.00	37.98 1.59 0.00	32.91 0.93 0.00	29.56 0.71 0.00	27.82 0.61 0.00	33.02 1.08 0.00	33.58 1.55 0.00	34.19 1.53 0.00	34.63 1.93 0.00	38.95 2.57 0.00	45.62 3.00 0.00	56.64 3.63 0.00	48.78 3.19 0.00	47.11 3.01 0.00	43.77 2.60 0.00	40.55 2.43 0.00
UPPER RAQUET__HYD 24056	34.92 -0.13 0.00	35.65 -0.21 0.00	34.35 -0.37 0.00	34.82 -0.48 0.00	35.64 -0.50 0.00	38.30 -0.61 0.00	53.39 -0.88 0.00	73.81 -1.05 0.00	79.12 -1.15 0.00	35.90 -0.48 0.00	31.53 -0.45 0.00	28.44 -0.41 0.00	26.67 -0.54 0.00	31.13 -0.81 0.00	37.72 -0.84 -6.53	31.89 -0.77 0.00	31.84 -0.86 0.00	36.25 -1.01 -0.88	51.37 -1.19 -9.94	63.12 -1.34 -11.46	54.60 -1.04 -10.05	53.08 -0.79 -9.78	50.34 -0.45 -9.63	46.49 -0.40 -8.78
VALLEY44_115KV_TB2 355964	31.54 -2.05 1.47	33.93 -1.92 0.00	33.01 -1.71 0.00	33.52 -1.78 0.00	34.13 -2.01 0.00	36.47 -2.44 0.00	51.10 -3.18 0.00	67.89 -4.66 2.31	75.47 -4.80 0.00	34.36 -2.03 0.00	30.61 -1.37 0.00	27.84 -1.01 0.00	26.67 -0.53 0.00	31.66 -0.28 0.00	31.39 -0.64 0.00	31.99 -0.68 0.00	31.81 -0.89 0.00	35.29 -1.09 0.00	40.96 -1.67 0.00	51.13 -1.88 0.00	43.83 -1.76 0.00	42.39 -1.71 0.00	40.01 -1.16 0.00	37.37 -0.75 0.00
VALLEY__115KV_TB 1-4 80826	35.06 0.01 0.00	35.86 0.01 0.00	34.69 -0.03 0.00	35.26 -0.04 0.00	36.14 -0.01 0.00	38.96 0.06 0.00	54.47 0.20 0.00	75.23 0.36 0.00	80.17 -0.10 0.00	35.76 -0.62 0.00	31.28 -0.70 0.00	28.18 -0.68 0.00	26.50 -0.70 0.00	31.45 -0.49 0.00	31.78 -0.25 0.00	32.20 -0.46 0.00	32.40 -0.30 0.00	36.28 -0.11 0.00	42.55 -0.08 0.00	52.88 -0.13 0.00	45.51 -0.08 0.00	43.99 -0.11 0.00	40.88 -0.29 0.00	37.77 -0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.57 1.51 0.00	37.39 1.54 0.00	36.26 1.54 0.00	36.85 1.55 0.00	37.81 1.67 0.00	40.74 1.83 0.00	56.95 2.67 0.00	78.55 3.69 0.00	84.13 3.85 0.00	38.06 1.68 0.00	33.38 1.40 0.00	30.10 1.25 0.00	28.44 1.23 0.00	33.34 1.40 0.00	33.35 1.32 0.00	34.11 1.44 0.00	34.16 1.46 0.00	38.08 1.70 0.00	44.78 2.15 0.00	55.70 2.69 0.00	47.84 2.25 0.00	46.23 2.14 0.00	43.08 1.91 0.00	39.89 1.77 0.00
VISCHER__FERRY HYD 24020	35.97 0.91 0.00	36.83 0.98 0.00	35.65 0.94 0.00	36.28 0.98 0.00	37.15 1.01 0.00	40.02 1.12 0.00	55.85 1.58 0.00	77.12 2.26 0.00	82.56 2.29 0.00	37.13 0.75 0.00	32.51 0.52 0.00	29.28 0.42 0.00	27.54 0.33 0.00	32.36 0.42 0.00	32.61 0.58 0.00	33.26 0.59 0.00	33.50 0.80 0.00	37.44 1.06 0.00	43.97 1.34 0.00	54.50 1.49 0.00	46.92 1.33 0.00	45.39 1.29 0.00	42.24 1.07 0.00	39.06 0.94 0.00
V_A_10_SYNC_DSASP 323832	27.40 -2.90 4.76	31.58 -2.96 1.31	27.77 -2.74 4.22	27.66 -2.81 4.83	28.07 -2.94 5.13	30.44 -3.38 5.08	44.26 -4.50 5.51	58.74 -6.84 9.28	65.66 -6.92 7.70	29.34 -2.60 4.45	26.65 -1.96 3.37	23.41 -1.55 3.89	22.73 -1.05 3.43	30.65 -1.29 0.00	29.40 -1.36 1.26	27.48 -1.46 3.73	26.37 -1.85 4.49	29.19 -2.18 5.01	34.16 -2.80 5.66	42.88 -3.48 6.64	38.54 -2.97 4.08	40.20 -2.99 0.90	38.90 -2.27 0.00	36.20 -1.93 0.00
V_CMM_10_SYNC_DSASP 323787	35.34 0.28 0.00	36.11 0.26 0.00	34.89 0.17 0.00	35.45 0.14 0.00	36.27 0.12 0.00	38.98 0.08 0.00	54.32 0.04 0.00	74.98 0.12 0.00	80.49 0.22 0.00	36.64 0.26 0.00	32.26 0.28 0.00	29.07 0.22 0.00	27.36 0.15 0.00	31.96 0.02 0.00	31.99 -0.03 0.00	32.60 -0.07 0.00	32.51 -0.19 0.00	36.10 -0.28 0.00	42.26 -0.37 0.00	52.59 -0.41 0.00	45.25 -0.34 0.00	43.90 -0.20 0.00	41.26 0.09 0.00	38.25 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	34.14 -0.92 0.00	35.07 -0.78 0.00	34.00 -0.72 0.00	34.70 -0.60 0.00	35.58 -0.56 0.00	38.14 -0.77 0.00	52.73 -1.55 0.00	74.00 -0.86 0.00	80.05 -0.22 0.00	36.27 -0.12 0.00	32.00 0.02 0.00	28.59 -0.26 0.00	26.48 -0.72 0.00	30.85 -1.09 0.00	-11.90 -1.11 42.82	31.75 -0.92 0.00	31.73 -0.97 0.00	29.28 -1.36 5.75	-23.73 -1.12 65.24	-23.69 -1.48 75.21	-21.79 -1.45 65.93	-21.21 -1.15 64.16	-22.95 -0.94 63.18	-20.65 -1.14 57.63
V_D_10_SYNC_DSASP 323841	35.46 0.40 0.00	36.22 0.37 0.00	34.98 0.26 0.00	35.53 0.23 0.00	36.35 0.21 0.00	39.07 0.16 0.00	54.46 0.18 0.00	75.16 0.30 0.00	80.66 0.39 0.00	36.70 0.31 0.00	32.29 0.31 0.00	29.12 0.26 0.00	27.40 0.19 0.00	31.98 0.04 0.00	33.46 0.00 -1.43	32.66 -0.01 0.00	32.58 -0.12 0.00	36.37 -0.21 -0.19	44.53 -0.28 -2.18	55.24 -0.28 -2.51	47.57 -0.22 -2.21	46.17 -0.07 -2.15	43.50 0.22 -2.11	40.30 0.25 -1.93
V_E_10_SYNC_DSASP 323830	39.57 1.40 -3.11	37.44 1.14 -0.45	37.21 1.05 -1.44	37.94 0.99 -1.65	39.00 1.11 -1.76	41.94 1.30 -1.74	58.00 1.84 -1.88	82.63 2.27 -5.50	85.26 2.36 -2.63	38.88 0.97 -1.52	34.02 0.88 -1.15	30.95 0.76 -1.33	28.87 0.49 -1.17	32.93 0.98 0.00	33.27 0.81 -0.43	34.56 0.61 -1.28	34.37 0.14 -1.54	38.42 0.32 -1.71	45.26 0.70 -1.94	56.11 0.84 -2.27	47.58 0.59 -1.39	44.86 0.46 -0.31	41.55 0.38 0.00	38.47 0.36 0.00
V_F_30_NSYNC__DSASP 323816	36.46 1.40 0.00	37.31 1.46 0.00	36.13 1.41 0.00	36.77 1.47 0.00	37.66 1.51 0.00	40.58 1.68 0.00	56.71 2.44 0.00	78.36 3.50 0.00	83.81 3.54 0.00	37.57 1.18 0.00	32.80 0.82 0.00	29.53 0.67 0.00	27.80 0.59 0.00	32.79 0.85 0.00	33.17 1.14 0.00	33.72 1.06 0.00	34.04 1.34 0.00	38.10 1.72 0.00	44.67 2.05 0.00	55.46 2.45 0.00	47.74 2.15 0.00	46.14 2.04 0.00	42.92 1.75 0.00	39.70 1.58 0.00

V_F_30_SYNC_DSASP 323786	35.75 0.70 0.00	36.58 0.73 0.00	35.43 0.71 0.00	36.05 0.75 0.00	36.91 0.77 0.00	39.79 0.88 0.00	55.48 1.20 0.00	76.57 1.71 0.00	81.90 1.63 0.00	36.97 0.58 0.00	32.41 0.43 0.00	29.22 0.37 0.00	27.53 0.32 0.00	32.35 0.41 0.00	32.59 0.56 0.00	33.21 0.54 0.00	33.42 0.72 0.00	37.29 0.91 0.00	43.76 1.13 0.00	54.29 1.28 0.00	46.69 1.10 0.00	45.15 1.06 0.00	42.00 0.83 0.00	38.83 0.71 0.00
V_XM_10_SYNC_DSASP 323789	34.14 -0.92 0.00	35.07 -0.78 0.00	34.00 -0.72 0.00	34.70 -0.60 0.00	35.58 -0.56 0.00	38.14 -0.77 0.00	52.73 -1.55 0.00	74.00 -0.86 0.00	80.05 -0.22 0.00	36.27 -0.12 0.00	32.00 0.02 0.00	28.59 -0.26 0.00	26.48 -0.72 0.00	30.85 -1.09 0.00	-11.90 -1.11 42.82	31.75 -0.92 0.00	31.73 -0.97 0.00	29.28 -1.36 5.75	-23.73 -1.12 65.24	-23.69 -1.48 75.21	-21.79 -1.45 65.93	-21.21 -1.15 64.16	-22.95 -0.94 63.18	-20.65 -1.14 57.63
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.28 1.22 0.00	37.08 1.23 0.00	35.98 1.26 0.00	36.61 1.31 0.00	37.56 1.41 0.00	40.76 1.85 0.00	56.88 2.60 0.00	78.47 3.61 0.00	83.97 3.70 0.00	37.96 1.57 0.00	33.29 1.31 0.00	30.05 1.19 0.00	28.28 1.07 0.00	33.15 1.21 0.00	33.24 1.21 0.00	34.04 1.37 0.00	34.22 1.52 0.00	38.16 1.78 0.00	44.78 2.15 0.00	55.66 2.65 0.00	47.74 2.15 0.00	46.15 2.05 0.00	42.76 1.59 0.00	39.42 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.51 1.45 0.00	37.38 1.53 0.00	36.28 1.56 0.00	36.91 1.60 0.00	37.77 1.63 0.00	40.86 1.95 0.00	56.94 2.66 0.00	78.55 3.70 0.00	84.11 3.84 0.00	38.12 1.74 0.00	33.49 1.51 0.00	30.24 1.38 0.00	28.46 1.25 0.00	33.28 1.34 0.00	33.39 1.37 0.00	34.22 1.55 0.00	34.38 1.68 0.00	38.35 1.97 0.00	45.14 2.51 0.00	56.08 3.07 0.00	48.09 2.50 0.00	46.50 2.41 0.00	43.10 1.93 0.00	39.75 1.63 0.00
W50THST__13_KV_LOAD 356117	36.70 1.65 0.00	37.54 1.69 0.00	36.48 1.76 0.00	37.11 1.81 0.00	37.93 1.79 0.00	41.04 2.13 0.00	57.21 2.93 0.00	78.92 4.06 0.00	84.57 4.31 0.00	38.34 1.96 0.00	33.69 1.71 0.00	30.44 1.58 0.00	28.66 1.45 0.00	33.51 1.56 0.00	33.61 1.59 0.00	34.44 1.78 0.00	34.60 1.90 0.00	38.60 2.22 0.00	45.40 2.77 0.00	56.35 3.34 0.00	48.31 2.72 0.00	46.71 2.62 0.00	43.29 2.13 0.00	39.93 1.81 0.00
WADING RIVER_IC_1 23522	36.74 1.68 0.00	37.57 1.72 0.00	36.55 1.84 0.00	37.30 2.00 0.00	38.25 2.11 0.00	41.65 2.75 0.00	58.29 4.02 0.00	80.16 5.30 0.00	85.84 5.57 0.00	38.71 2.32 0.00	33.78 1.79 0.00	30.19 1.33 0.00	28.35 1.14 0.00	33.16 1.22 0.00	33.20 1.17 0.00	35.68 1.63 -1.38	34.68 1.98 0.00	38.68 2.29 0.00	45.34 2.71 0.00	55.73 2.73 0.00	46.72 1.13 0.00	45.53 1.44 0.00	42.16 0.99 0.00	38.81 0.70 0.00
WADING RIVER_IC_2 23547	36.74 1.68 0.00	37.57 1.72 0.00	36.55 1.84 0.00	37.30 2.00 0.00	38.25 2.11 0.00	41.65 2.75 0.00	58.29 4.02 0.00	80.16 5.30 0.00	85.84 5.57 0.00	38.71 2.32 0.00	33.78 1.79 0.00	30.19 1.33 0.00	28.35 1.14 0.00	33.16 1.22 0.00	33.20 1.17 0.00	35.68 1.63 -1.38	34.68 1.98 0.00	38.68 2.29 0.00	45.34 2.71 0.00	55.73 2.73 0.00	46.72 1.13 0.00	45.53 1.44 0.00	42.16 0.99 0.00	38.81 0.70 0.00
WADING RIVER_IC_3 23601	36.74 1.68 0.00	37.57 1.72 0.00	36.55 1.84 0.00	37.30 2.00 0.00	38.25 2.11 0.00	41.65 2.75 0.00	58.29 4.02 0.00	80.16 5.30 0.00	85.84 5.57 0.00	38.71 2.32 0.00	33.78 1.79 0.00	30.19 1.33 0.00	28.35 1.14 0.00	33.16 1.22 0.00	33.20 1.17 0.00	35.68 1.63 -1.38	34.68 1.98 0.00	38.68 2.29 0.00	45.34 2.71 0.00	55.73 2.73 0.00	46.72 1.13 0.00	45.53 1.44 0.00	42.16 0.99 0.00	38.81 0.70 0.00
WALDENNY_12_KV_BK2 80841	26.66 -2.83 5.56	31.50 -2.87 1.49	27.28 -2.66 4.78	27.06 -2.77 5.47	27.43 -2.89 5.82	29.84 -3.30 5.77	43.75 -4.28 6.25	57.46 -6.61 10.79	64.86 -6.68 8.72	28.89 -2.45 5.05	26.42 -1.74 3.83	23.12 -1.32 4.41	22.56 -0.76 3.89	31.09 -0.85 0.00	29.56 -1.03 1.43	27.19 -1.24 4.23	25.89 -1.72 5.09	28.66 -2.04 5.68	33.65 -2.56 6.42	42.29 -3.18 7.53	38.29 -2.68 4.62	40.50 -2.58 1.02	39.46 -1.71 0.00	36.79 -1.33 0.00
WALDEN__HYDRO 24148	36.28 1.22 0.00	37.09 1.24 0.00	35.98 1.26 0.00	36.60 1.30 0.00	37.52 1.37 0.00	40.50 1.60 0.00	56.51 2.24 0.00	77.99 3.13 0.00	83.48 3.21 0.00	37.72 1.34 0.00	33.03 1.05 0.00	29.79 0.93 0.00	28.02 0.81 0.00	32.84 0.90 0.00	32.95 0.92 0.00	33.77 1.10 0.00	33.94 1.24 0.00	37.92 1.54 0.00	44.66 2.03 0.00	55.59 2.58 0.00	47.69 2.10 0.00	46.08 1.99 0.00	42.75 1.58 0.00	39.44 1.32 0.00
WARRENSBURG____ 23737	36.66 1.61 0.00	37.51 1.66 0.00	36.31 1.60 0.00	36.97 1.67 0.00	37.88 1.74 0.00	40.84 1.93 0.00	57.28 3.01 0.00	79.74 4.88 0.00	85.34 5.06 0.00	37.98 1.60 0.00	32.92 0.93 0.00	29.57 0.71 0.00	27.82 0.61 0.00	33.02 1.09 0.00	33.58 1.55 0.00	34.19 1.52 0.00	34.63 1.93 0.00	38.96 2.57 0.00	45.62 3.00 0.00	56.63 3.63 0.00	48.78 3.19 0.00	47.10 3.01 0.00	43.76 2.60 0.00	40.55 2.43 0.00
WATERSIDE____6 8 9 23538	32.59 1.56 4.02	33.70 1.62 3.76	32.60 1.64 3.76	33.35 1.69 3.64	34.40 1.72 3.46	38.09 2.03 2.85	56.22 2.77 0.83	78.69 3.82 -0.01	82.95 3.97 1.29	34.55 1.82 3.65	29.47 1.59 4.10	26.60 1.47 3.72	23.36 1.33 5.18	29.16 1.44 4.23	29.27 1.46 4.22	28.55 1.65 5.76	30.37 1.76 4.09	34.36 2.05 4.07	43.09 2.61 2.15	54.12 3.25 2.14	45.72 2.67 2.54	43.93 2.58 2.74	40.56 2.10 2.71	36.66 1.80 3.25
WATKINRD_115KV_LN8_ILLION 55919	35.11 0.05 0.00	35.88 0.03 0.00	34.74 0.02 0.00	35.32 0.02 0.00	36.19 0.04 0.00	39.01 0.10 0.00	54.50 0.22 0.00	75.22 0.36 0.00	80.29 0.02 0.00	36.01 -0.38 0.00	31.54 -0.45 0.00	28.44 -0.42 0.00	26.79 -0.42 0.00	31.69 -0.25 0.00	31.90 -0.13 0.00	32.41 -0.26 0.00	32.61 -0.09 0.00	36.45 0.07 0.00	42.73 0.10 0.00	53.13 0.12 0.00	45.71 0.12 0.00	44.18 0.08 0.00	41.10 -0.06 0.00	37.99 -0.12 0.00
WATSON____69_KV_BK 1 55734	36.82 1.76 0.00	37.78 1.93 0.00	36.73 2.01 0.00	37.45 2.15 0.00	38.38 2.23 0.00	41.75 2.85 0.00	58.35 4.08 0.00	80.22 5.36 0.00	86.00 5.72 0.00	38.74 2.35 0.00	33.83 1.85 0.00	30.24 1.39 0.00	28.44 1.23 0.00	33.22 1.28 0.00	33.38 1.35 0.00	36.37 1.74 -1.96	34.79 2.09 0.00	38.74 2.35 0.00	45.84 3.21 0.00	56.77 3.77 0.00	48.24 2.65 0.00	46.93 2.83 0.00	43.49 2.32 0.00	40.06 1.94 0.00
WDELAWARE__HYD 323627	36.43 1.38 0.00	37.23 1.38 0.00	36.11 1.39 0.00	36.74 1.43 0.00	37.66 1.52 0.00	40.66 1.75 0.00	56.75 2.48 0.00	78.31 3.45 0.00	83.84 3.57 0.00	37.87 1.48 0.00	33.05 1.07 0.00	29.82 0.96 0.00	28.01 0.80 0.00	32.94 1.00 0.00	33.01 0.98 0.00	33.79 1.12 0.00	33.91 1.22 0.00	37.99 1.60 0.00	44.86 2.24 0.00	55.83 2.83 0.00	47.93 2.34 0.00	46.31 2.21 0.00	42.96 1.79 0.00	39.64 1.52 0.00

WEST BABYLON___IC 23714	36.82 1.77 0.00	37.75 1.90 0.00	36.68 1.96 0.00	37.38 2.08 0.00	38.30 2.15 0.00	41.62 2.71 0.00	58.13 3.86 0.00	79.95 5.09 0.00	85.70 5.43 0.00	38.65 2.27 0.00	33.79 1.81 0.00	30.25 1.39 0.00	28.45 1.25 0.00	33.26 1.32 0.00	33.38 1.36 0.00	37.58 1.74 -3.17	34.74 2.04 0.00	38.68 2.30 0.00	45.75 3.12 0.00	56.71 3.71 0.00	48.25 2.65 0.00	46.91 2.81 0.00	43.48 2.31 0.00	40.05 1.93 0.00
WEST CANADA___HYD 24049	35.08 0.02 0.00	35.82 -0.03 0.00	34.68 -0.04 0.00	35.27 -0.04 0.00	36.12 -0.02 0.00	38.91 0.00 0.00	54.28 0.01 0.00	74.87 0.01 0.00	80.25 -0.02 0.00	36.31 -0.07 0.00	31.89 -0.09 0.00	28.77 -0.09 0.00	27.14 -0.07 0.00	31.91 -0.03 0.00	31.99 -0.03 0.00	32.63 -0.03 0.00	32.70 0.00 0.00	36.42 0.04 0.00	42.67 0.04 0.00	53.06 0.05 0.00	45.66 0.07 0.00	44.14 0.05 0.00	41.16 0.00 0.00	38.09 -0.04 0.00
WESTERN_NY_WIND 24143	27.68 -2.21 5.17	32.14 -2.28 1.43	28.00 -2.12 4.60	27.82 -2.22 5.26	28.24 -2.31 5.60	30.70 -2.65 5.54	44.92 -3.34 6.01	59.57 -5.19 10.09	66.74 -5.14 8.39	29.59 -1.94 4.85	26.69 -1.61 3.68	23.51 -1.11 4.24	23.09 -0.38 3.74	31.47 -0.47 0.00	30.08 -0.57 1.38	27.78 -0.82 4.07	26.53 -1.28 4.90	29.40 -1.52 5.47	34.64 -1.81 6.18	43.69 -2.08 7.24	39.43 -1.72 4.45	41.34 -1.77 0.98	40.08 -1.09 0.00	37.22 -0.90 0.00
WESTOVER___LESR 323668	33.86 -0.61 0.60	35.20 -0.64 0.00	34.20 -0.52 0.00	34.76 -0.54 0.00	35.62 -0.52 0.00	38.31 -0.59 0.00	53.56 -0.72 0.00	72.82 -1.10 0.94	79.24 -1.03 0.00	35.88 -0.51 0.00	31.63 -0.36 0.00	28.60 -0.26 0.00	27.01 -0.20 0.00	31.75 -0.19 0.00	31.78 -0.24 0.00	32.50 -0.17 0.00	32.50 -0.20 0.00	36.17 -0.22 0.00	42.28 -0.34 0.00	52.62 -0.39 0.00	45.17 -0.42 0.00	43.61 -0.48 0.00	40.73 -0.44 0.00	37.80 -0.32 0.00
WETHRSFD_WT_PWR 323626	-10.93 -3.84 42.15	18.43 -3.95 13.47	-12.26 -3.65 43.33	-17.98 -3.68 49.60	-20.10 -3.51 52.74	-17.30 -3.95 52.26	-7.86 -5.50 56.63	-17.88 -7.99 84.75	-7.17 -8.36 79.09	-13.00 -3.66 45.73	-5.88 -3.18 34.69	-13.90 -2.77 39.99	-10.45 -2.44 35.22	29.34 -2.60 0.00	16.26 -2.79 12.98	-8.61 -2.93 38.35	-16.49 -3.06 46.13	-18.46 -3.35 51.49	-19.66 -4.07 58.22	-20.12 -4.91 68.22	-0.56 -4.25 41.90	30.76 -4.08 9.25	38.16 -3.01 0.00	35.64 -2.48 0.00
WHAVSTOR_138KV_BK127 55557	36.15 1.09 0.00	36.95 1.10 0.00	35.86 1.14 0.00	36.48 1.18 0.00	37.41 1.26 0.00	40.41 1.51 0.00	56.37 2.09 0.00	77.76 2.90 0.00	83.21 2.94 0.00	37.62 1.24 0.00	33.00 1.02 0.00	29.78 0.93 0.00	28.03 0.82 0.00	32.82 0.88 0.00	32.92 0.90 0.00	33.73 1.07 0.00	33.91 1.21 0.00	37.85 1.47 0.00	44.58 1.95 0.00	55.42 2.42 0.00	47.53 1.94 0.00	45.93 1.84 0.00	42.58 1.41 0.00	39.27 1.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.15 1.09 0.00	36.95 1.10 0.00	35.86 1.14 0.00	36.48 1.18 0.00	37.41 1.26 0.00	40.41 1.51 0.00	56.37 2.09 0.00	77.76 2.90 0.00	83.21 2.94 0.00	37.62 1.24 0.00	33.00 1.02 0.00	29.78 0.93 0.00	28.03 0.82 0.00	32.82 0.88 0.00	32.92 0.90 0.00	33.73 1.07 0.00	33.91 1.21 0.00	37.85 1.47 0.00	44.58 1.95 0.00	55.42 2.42 0.00	47.53 1.94 0.00	45.93 1.84 0.00	42.58 1.41 0.00	39.27 1.14 0.00
WHITEHAL_115KV_TB1 80871	36.83 1.77 0.00	37.76 1.91 0.00	36.53 1.81 0.00	37.21 1.91 0.00	38.18 2.04 0.00	41.10 2.19 0.00	57.76 3.48 0.00	81.10 6.24 0.00	87.30 7.03 0.00	38.53 2.14 0.00	33.08 1.10 0.00	29.48 0.63 0.00	27.67 0.47 0.00	32.98 1.04 0.00	33.64 1.61 0.00	34.48 1.81 0.00	35.31 2.61 0.00	39.69 3.30 0.00	46.78 4.15 0.00	57.69 4.68 0.00	49.63 4.04 0.00	47.99 3.89 0.00	44.54 3.37 0.00	41.30 3.18 0.00
WHITEPLN_13_KV_LOAD 356215	36.70 1.64 0.00	37.54 1.69 0.00	36.43 1.71 0.00	37.05 1.75 0.00	37.95 1.81 0.00	41.02 2.11 0.00	57.23 2.95 0.00	78.96 4.10 0.00	84.56 4.29 0.00	38.25 1.87 0.00	33.57 1.58 0.00	30.26 1.41 0.00	28.48 1.27 0.00	33.32 1.38 0.00	33.45 1.42 0.00	34.30 1.64 0.00	34.46 1.76 0.00	38.45 2.07 0.00	45.31 2.69 0.00	56.33 3.32 0.00	48.31 2.72 0.00	46.70 2.61 0.00	43.28 2.12 0.00	39.90 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	36.20 1.15 0.00	37.18 1.33 0.00	36.24 1.52 0.00	37.03 1.72 0.00	37.95 1.81 0.00	41.44 2.54 0.00	58.04 3.77 0.00	79.82 4.96 0.00	85.43 5.16 0.00	38.40 2.01 0.00	33.49 1.50 0.00	29.85 1.00 0.00	28.01 0.80 0.00	32.75 0.81 0.00	32.83 0.81 0.00	35.41 1.31 -1.43	34.42 1.72 0.00	38.35 1.97 0.00	45.39 2.76 0.00	56.06 3.06 0.00	47.25 1.66 0.00	46.03 1.94 0.00	42.63 1.47 0.00	39.26 1.14 0.00
WOODARD___115KV_TB2 355635	34.47 -0.59 0.00	35.25 -0.60 0.00	34.18 -0.54 0.00	34.75 -0.55 0.00	35.58 -0.56 0.00	38.27 -0.63 0.00	53.47 -0.81 0.00	73.67 -1.19 0.00	79.07 -1.20 0.00	35.88 -0.50 0.00	31.60 -0.38 0.00	28.56 -0.30 0.00	26.95 -0.26 0.00	31.70 -0.24 0.00	31.81 -0.22 0.00	32.47 -0.20 0.00	32.42 -0.28 0.00	36.01 -0.37 0.00	42.10 -0.52 0.00	52.40 -0.61 0.00	45.06 -0.53 0.00	43.50 -0.59 0.00	40.60 -0.57 0.00	37.63 -0.50 0.00
YORK___WARBASSE 23770	57.36 1.80 -20.50	56.53 1.88 -18.80	55.40 1.90 -18.79	55.39 1.94 -18.15	55.39 1.99 -17.26	55.41 2.31 -14.20	61.55 3.15 -4.14	79.10 4.23 -0.01	91.18 4.46 -6.45	56.70 2.09 -18.22	56.41 1.82 -22.60	55.13 1.67 -24.60	54.63 1.54 -25.88	54.71 1.68 -21.08	54.77 1.70 -21.04	63.33 1.90 -28.76	55.10 2.01 -20.39	59.01 2.32 -20.30	56.26 2.93 -10.71	67.32 3.64 -10.68	61.30 3.01 -12.70	60.68 2.90 -13.69	57.11 2.41 -13.53	56.45 2.08 -16.25