

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

04/15/2025

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	45.81	34.18	40.10	37.12	37.37	37.20	40.52	44.52	48.73	50.72	51.15	68.21	65.77	73.43	52.51	50.60	50.50	52.61	56.43	50.87	53.35	51.44	49.41	47.67
24138	2.23	2.20	2.48	2.33	2.26	2.37	2.73	2.79	2.59	2.38	2.95	3.11	2.79	2.92	2.54	2.60	2.85	3.64	4.44	3.54	4.08	3.51	2.83	2.55
	-10.47	0.00	0.00	0.00	0.00	0.00	0.00	-6.58	-15.96	-21.58	-15.96	-32.43	-32.35	-35.48	-19.65	-17.85	-14.98	-7.93	-1.46	-7.06	0.00	-4.61	-10.62	-13.03
74TH STREET_GT_1	49.26	34.18	40.10	37.14	37.36	37.19	40.51	48.50	56.22	57.88	56.41	78.89	76.46	85.18	58.98	56.46	55.42	55.16	56.81	53.14	53.28	52.91	52.87	51.93
24260	2.20	2.18	2.49	2.34	2.26	2.37	2.72	2.76	2.56	2.37	2.91	3.01	2.73	2.88	2.48	2.53	2.79	3.56	4.33	3.47	4.00	3.45	2.77	2.48
	-13.95	0.00	0.00	0.00	0.00	0.00	-0.01	-10.59	-23.47	-28.75	-21.26	-43.20	-43.10	-47.27	-26.18	-23.78	-19.96	-10.56	-1.95	-9.41	-0.01	-6.14	-14.15	-17.35
74TH STREET_GT_2	49.26	34.18	40.10	37.14	37.36	37.19	40.51	48.50	56.22	57.88	56.41	78.89	76.46	85.18	58.98	56.46	55.42	55.16	56.81	53.14	53.28	52.91	52.87	51.93
24261	2.20	2.18	2.49	2.34	2.26	2.37	2.72	2.76	2.56	2.37	2.91	3.01	2.73	2.88	2.48	2.53	2.79	3.56	4.33	3.47	4.00	3.45	2.77	2.48
	-13.95	0.00	0.00	0.00	0.00	0.00	-0.01	-10.59	-23.47	-28.75	-21.26	-43.20	-43.10	-47.27	-26.18	-23.78	-19.96	-10.56	-1.95	-9.41	-0.01	-6.14	-14.15	-17.35
ADK HUDSON___FALLS	35.11	33.81	39.73	36.41	36.80	36.66	40.12	37.48	31.99	27.89	33.38	33.96	31.86	36.56	31.67	31.58	34.34	43.54	53.68	42.79	52.23	45.76	37.89	33.74
24011	2.00	1.81	2.11	1.61	1.70	1.83	2.34	2.33	1.82	1.14	1.14	1.28	1.23	1.52	1.35	1.43	1.67	2.50	3.15	2.52	2.96	2.43	1.94	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.36	34.00	39.94	36.57	37.01	36.91	40.39	37.74	32.24	28.03	33.44	34.01	31.91	36.63	31.77	31.63	34.50	43.88	54.02	43.04	52.52	45.96	38.07	33.90
23798	2.25	2.01	2.33	1.77	1.90	2.09	2.61	2.59	2.06	1.28	1.20	1.34	1.29	1.59	1.45	1.47	1.83	2.84	3.50	2.77	3.25	2.64	2.12	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.11	33.81	39.73	36.41	36.80	36.66	40.12	37.48	31.99	27.89	33.38	33.96	31.86	36.56	31.67	31.58	34.34	43.54	53.68	42.79	52.23	45.76	37.89	33.74
24028	2.00	1.81	2.11	1.61	1.70	1.83	2.34	2.33	1.82	1.14	1.14	1.28	1.23	1.52	1.35	1.43	1.67	2.50	3.15	2.52	2.96	2.43	1.94	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.45	33.21	39.00	36.05	36.38	36.09	39.25	36.54	31.44	27.90	33.68	34.04	31.88	36.47	31.65	31.54	34.12	42.90	52.78	41.99	51.18	45.04	37.50	33.45
23527	1.34	1.22	1.38	1.25	1.27	1.26	1.47	1.39	1.27	1.15	1.45	1.36	1.26	1.44	1.33	1.39	1.45	1.86	2.26	1.72	1.91	1.72	1.55	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.51	32.43	38.08	35.28	35.52	35.24	38.15	35.46	30.32	26.94	32.48	33.02	30.97	35.35	30.69	30.62	33.04	41.74	51.35	40.92	49.84	43.85	36.39	32.58
24190	0.40	0.44	0.47	0.48	0.41	0.41	0.37	0.31	0.15	0.18	0.24	0.34	0.34	0.32	0.37	0.47	0.70	0.82	0.66	0.57	0.53	0.44	0.48	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	33.34	32.12	37.74	34.87	35.27	34.98	37.86	35.13	29.99	26.57	32.08	32.52	30.45	34.97	30.14	29.78	32.38	40.66	50.00	39.93	49.09	43.23	35.95	31.98
355683	0.23	0.13	0.13	0.07	0.16	0.15	0.08	-0.01	-0.18	-0.19	-0.16	-0.16	-0.18	-0.06	-0.18	-0.37	-0.28	-0.38	-0.53	-0.34	-0.18	-0.10	0.00	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.03	32.92	38.70	35.87	36.13	35.85	38.86	36.06	30.90	27.18	32.55	33.19	31.06	35.74	31.14	31.08	33.28	42.35	52.19	41.61	50.76	44.65	37.05	33.12
323833	0.92	0.94	1.08	1.07	1.02	1.02	1.08	0.91	0.73	0.43	0.32	0.52	0.43	0.71	0.83	0.93	0.61	1.31	1.66	1.35	1.49	1.33	1.11	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.03	32.92	38.69	35.86	36.12	35.84	38.86	36.05	30.90	27.18	32.54	33.19	31.06	35.73	31.14	31.07	33.28	42.35	52.18	41.60	50.75	44.64	37.04	33.12
323834	0.92	0.93	1.08	1.06	1.02	1.01	1.08	0.90	0.73	0.42	0.31	0.51	0.43	0.70	0.82	0.92	0.61	1.30	1.65	1.33	1.48	1.31	1.09	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.51	32.43	38.08	35.28	35.52	35.24	38.15	35.46	30.32	26.94	32.48	33.02	30.97	35.35	30.69	30.62	33.04	41.74	51.35	40.92	49.84	43.85	36.39	32.58
23571	0.40	0.44	0.47	0.48	0.41	0.41	0.37	0.31	0.15	0.18	0.24	0.34	0.34	0.32	0.37	0.47	0.70	0.82	0.66	0.57	0.53	0.44	0.48	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.51 0.40 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.94 0.18 0.00	32.48 0.24 0.00	33.02 0.34 0.00	30.97 0.34 0.00	35.35 0.32 0.00	30.69 0.37 0.00	30.62 0.47 0.00	33.04 0.37 0.00	41.74 0.70 0.00	51.35 0.82 0.00	40.92 0.66 0.00	49.84 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.58 0.48 0.00
ALBANY___3 23573	33.51 0.40 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.94 0.18 0.00	32.48 0.24 0.00	33.02 0.34 0.00	30.97 0.34 0.00	35.35 0.32 0.00	30.69 0.37 0.00	30.62 0.47 0.00	33.04 0.37 0.00	41.74 0.70 0.00	51.35 0.82 0.00	40.92 0.66 0.00	49.84 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.58 0.48 0.00
ALBANY___4 23574	33.51 0.40 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.94 0.18 0.00	32.48 0.24 0.00	33.02 0.34 0.00	30.97 0.34 0.00	35.35 0.32 0.00	30.69 0.37 0.00	30.62 0.47 0.00	33.04 0.37 0.00	41.74 0.70 0.00	51.35 0.82 0.00	40.92 0.66 0.00	49.84 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.58 0.48 0.00
ALBANY___LFGE 323615	33.86 0.75 0.00	32.75 0.76 0.00	38.44 0.82 0.00	35.59 0.79 0.00	35.85 0.74 0.00	35.57 0.74 0.00	38.52 0.74 0.00	35.78 0.63 0.00	30.62 0.44 0.00	27.17 0.41 0.00	32.75 0.52 0.00	33.31 0.64 0.00	31.28 0.66 0.00	35.71 0.68 0.00	30.99 0.67 0.00	30.95 0.79 0.00	33.41 0.75 0.00	42.27 1.23 0.00	52.04 1.52 0.00	41.44 1.17 0.00	50.50 1.22 0.00	44.41 1.08 0.00	36.85 0.90 0.00	32.95 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	33.49 0.37 0.00	32.25 0.26 0.00	37.89 0.28 0.00	35.00 0.21 0.00	35.42 0.31 0.00	35.15 0.32 0.00	38.03 0.25 0.00	35.29 0.14 0.00	30.09 -0.09 0.00	26.66 -0.10 0.00	32.19 -0.05 0.00	32.62 -0.05 0.00	30.51 -0.11 0.00	35.04 0.01 0.00	30.19 -0.13 0.00	30.76 -0.31 -0.92	32.78 -0.21 -0.33	40.76 -0.28 0.00	50.20 -0.33 0.00	40.29 -0.17 -0.20	49.26 -0.01 0.00	43.27 -0.05 0.00	36.10 0.15 0.00	32.10 0.01 0.00
ALCOA_RYNLDS___DRP 24188	33.49 0.37 0.00	32.25 0.26 0.00	37.89 0.28 0.00	35.00 0.21 0.00	35.42 0.31 0.00	35.15 0.32 0.00	38.03 0.25 0.00	35.29 0.14 0.00	30.09 -0.09 0.00	26.66 -0.10 0.00	32.19 -0.05 0.00	32.62 -0.05 0.00	30.51 -0.11 0.00	35.04 0.01 0.00	30.19 -0.13 0.00	30.76 -0.31 -0.92	32.78 -0.21 -0.33	40.76 -0.28 0.00	50.20 -0.33 0.00	40.29 -0.17 -0.20	49.26 -0.01 0.00	43.27 -0.05 0.00	36.10 0.15 0.00	32.10 0.01 0.00
ALCOA___DSASP 323711	33.49 0.38 0.00	32.25 0.26 0.00	37.89 0.28 0.00	35.00 0.21 0.00	35.42 0.31 0.00	35.15 0.32 0.00	38.03 0.25 0.00	35.29 0.14 0.00	30.09 -0.09 0.00	26.66 -0.10 0.00	32.19 -0.05 0.00	32.62 -0.05 0.00	30.52 -0.11 0.00	35.04 0.01 0.00	30.19 -0.13 0.00	30.76 -0.31 -0.92	32.78 -0.21 -0.33	40.76 -0.28 0.00	50.20 -0.33 0.00	40.30 -0.17 -0.20	49.26 -0.01 0.00	43.27 -0.05 0.00	36.10 0.15 0.00	32.10 0.01 0.00
ALLEGHENY___COGEN 23514	32.38 -0.73 0.00	31.20 -0.79 0.00	36.80 -0.82 0.00	33.98 -0.81 0.00	34.59 -0.52 0.00	34.56 -0.27 0.00	37.75 -0.03 0.00	35.44 -1.15 -1.45	57.99 -2.16 -29.97	60.07 -2.92 -36.23	61.04 -3.48 -32.29	61.57 -3.36 -32.25	59.71 -2.82 -31.91	67.12 -1.01 -33.09	57.12 -0.82 -27.63	49.89 -0.73 -20.47	43.93 -0.87 -12.13	88.21 -0.31 -47.48	104.33 0.14 -53.66	54.74 0.14 -14.33	49.99 0.72 0.00	43.71 0.38 0.00	38.02 0.23 -1.84	35.58 -0.13 -3.62
ALTAMONT_115KV_TB 2 55880	33.81 0.70 0.00	32.70 0.71 0.00	38.44 0.83 0.00	35.59 0.79 0.00	35.83 0.72 0.00	35.55 0.72 0.00	38.56 0.78 0.00	35.90 0.75 0.00	30.86 0.69 0.00	27.38 0.63 0.00	32.92 0.68 0.00	33.42 0.74 0.00	31.32 0.69 0.00	35.77 0.74 0.00	31.00 0.69 0.00	30.93 0.78 0.00	33.44 0.77 0.00	42.10 1.06 0.00	51.88 1.35 0.00	41.34 1.07 0.00	50.42 1.15 0.00	44.36 1.03 0.00	36.79 0.85 0.00	32.88 0.79 0.00
ALTONA_WT_PWR 323606	33.61 0.50 0.00	32.17 0.18 0.00	37.75 0.13 0.00	34.80 0.01 0.00	35.24 0.13 0.00	35.02 0.19 0.00	37.64 -0.14 0.00	34.90 -0.25 0.00	29.54 -0.64 0.00	25.96 -0.80 0.00	31.17 -1.06 0.00	31.75 -0.93 0.00	29.84 -0.79 0.00	34.38 -0.65 0.00	29.48 -0.84 0.00	4.31 -1.31 24.53	22.83 -1.02 8.81	40.11 -0.94 0.00	49.47 -1.06 0.00	33.68 -1.26 5.33	48.25 -1.02 0.00	42.81 -0.51 0.00	35.49 -0.46 0.00	31.57 -0.52 0.00
AMERICAN_REF_FUEL 24010	29.96 -3.16 0.00	28.79 -3.19 0.00	33.90 -3.72 0.00	31.23 -3.57 0.00	31.85 -3.26 0.00	31.63 -3.20 0.00	34.28 -3.51 0.00	31.23 -3.55 0.38	19.75 -2.46 7.97	15.04 -1.97 9.74	21.43 -2.12 8.68	21.44 -2.38 8.86	19.59 -2.19 8.84	23.70 -2.20 9.14	20.98 -1.72 7.62	22.63 -1.87 5.65	26.84 -2.47 3.35	25.01 -3.07 12.95	32.06 -3.76 14.70	33.17 -3.22 3.88	45.70 -3.57 0.00	40.19 -3.13 0.00	32.94 -2.52 0.49	28.49 -2.64 0.96
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.65 -1.46 0.00	30.37 -1.61 0.00	35.97 -1.64 0.00	32.84 -1.96 0.00	33.12 -1.99 0.00	33.00 -1.83 0.00	35.86 -1.92 0.00	32.86 -1.93 0.36	21.50 -1.15 7.53	16.40 -1.23 9.13	23.07 -1.02 8.14	21.73 -2.14 8.81	19.45 -2.21 8.96	23.49 -2.39 9.15	20.80 -1.89 7.63	22.45 -2.03 5.66	19.81 -2.64 10.22	20.22 -3.21 17.61	32.40 -3.68 14.45	33.22 -3.27 3.78	46.96 -2.31 0.00	40.93 -2.40 0.00	33.66 -1.85 0.44	29.37 -1.86 0.86
ARTHUR KILL_GT_1 23520	53.09 2.22 -17.75	43.45 2.27 -9.19	40.07 2.45 0.00	37.09 2.29 0.00	37.33 2.22 0.00	37.17 2.34 0.00	40.44 2.65 -0.01	47.91 2.55 -10.21	53.64 2.25 -21.21	55.18 2.03 -26.40	53.59 2.55 -18.81	60.13 2.65 -24.81	83.58 2.42 -50.53	81.57 2.52 -44.02	60.24 2.14 -27.78	84.68 2.24 -52.29	107.83 2.48 -72.68	58.88 3.22 -14.62	55.15 4.00 -0.62	58.30 3.25 -14.78	53.34 3.87 -0.20	52.90 3.29 -6.28	52.78 2.64 -14.18	52.11 2.49 -17.52
ARTHUR_KILL_2 23512	53.01 2.14 -17.75	43.37 2.19 -9.19	39.96 2.35 0.00	37.00 2.20 0.00	37.25 2.14 0.00	37.07 2.25 0.00	40.32 2.54 -0.01	47.82 2.46 -10.21	53.55 2.16 -21.21	55.11 1.96 -26.40	53.52 2.47 -18.81	60.04 2.56 -24.81	83.49 2.34 -50.53	81.49 2.44 -44.02	60.18 2.08 -27.78	84.59 2.15 -52.29	107.75 2.40 -72.68	58.79 3.13 -14.62	55.03 3.89 -0.62	58.19 3.14 -14.78	53.21 3.73 -0.20	52.78 3.18 -6.28	52.68 2.55 -14.18	52.03 2.41 -17.52
ARTHUR_KILL_3 23513	47.25 1.84 -12.30	33.85 1.86 0.00	39.72 2.11 0.00	36.77 1.98 0.00	37.02 1.91 0.00	36.85 2.02 0.00	40.07 2.29 -0.01	46.22 2.38 -8.69	52.32 2.23 -19.91	54.15 2.03 -25.36	53.41 2.47 -18.70	59.57 2.57 -24.32	62.89 2.30 -29.97	73.24 2.39 -35.82	52.83 2.06 -20.44	53.26 2.13 -20.97	52.64 2.37 -17.60	53.38 3.03 -9.31	54.33 3.64 -0.16	51.53 2.96 -8.29	52.62 3.34 0.00	51.65 2.92 -5.41	50.78 2.35 -12.48	49.53 2.13 -15.30

ARTHUR_KILL_COGEN 323718	53.09 2.22 -17.75	43.45 2.27 -9.19	40.07 2.45 0.00	37.09 2.29 0.00	37.33 2.22 0.00	37.17 2.34 0.00	40.44 2.65 -0.01	47.91 2.55 -10.21	53.64 2.25 -21.21	55.18 2.03 -26.40	53.59 2.55 -18.81	60.13 2.65 -24.81	83.58 2.42 -50.53	81.57 2.52 -44.02	60.24 2.14 -27.78	84.68 2.24 -52.29	107.83 2.48 -72.68	58.88 3.22 -14.62	55.15 4.00 -0.62	58.30 3.25 -14.78	53.34 3.87 -0.20	52.90 3.29 -6.28	52.78 2.64 -14.18	52.11 2.49 -17.52
ASHOKAN____ 23654	34.55 1.44 0.00	33.42 1.42 0.00	39.23 1.61 0.00	36.33 1.53 0.00	36.57 1.47 0.00	36.36 1.53 0.00	39.58 1.79 0.00	36.97 1.82 0.00	31.83 1.66 0.00	28.23 1.47 0.00	33.66 1.43 0.00	34.33 1.65 0.00	32.11 1.48 0.00	36.54 1.51 0.00	31.77 1.45 0.00	31.61 1.46 0.00	34.21 1.55 0.00	43.34 2.29 0.00	53.42 2.89 0.00	42.81 2.54 0.00	52.21 2.94 0.00	45.85 2.53 0.00	37.93 1.98 0.00	33.82 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.54 2.13 -12.30	34.07 2.09 0.01	39.94 2.34 0.01	36.97 2.18 0.01	37.22 2.12 0.01	37.05 2.23 0.01	40.34 2.56 -0.01	46.42 2.58 -8.69	52.48 2.39 -19.92	54.30 2.18 -25.36	53.74 2.75 -18.75	73.64 2.87 -38.09	71.18 2.56 -38.00	79.62 2.63 -41.96	55.67 2.27 -23.08	53.43 2.31 -20.97	52.80 2.53 -17.60	53.59 3.23 -9.31	56.21 3.96 -1.72	51.75 3.19 -8.29	52.99 3.71 0.00	51.98 3.24 -5.41	51.05 2.63 -12.48	49.81 2.42 -15.30
ASTORIA_EAST_ENERGY_CC2 323582	47.54 2.13 -12.30	34.07 2.09 0.01	39.94 2.34 0.01	36.97 2.18 0.01	37.22 2.12 0.01	37.05 2.23 0.01	40.34 2.56 -0.01	46.42 2.58 -8.69	52.48 2.39 -19.92	54.30 2.18 -25.36	53.74 2.75 -18.75	73.64 2.87 -38.09	71.18 2.56 -38.00	79.62 2.63 -41.96	55.67 2.27 -23.08	53.43 2.31 -20.97	52.80 2.53 -17.60	53.59 3.23 -9.31	56.21 3.96 -1.72	51.75 3.19 -8.29	52.99 3.71 0.00	51.98 3.24 -5.41	51.05 2.63 -12.48	49.81 2.42 -15.30
ASTORIA_GT2_1 24094	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT2_2 24095	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT2_3 24096	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT2_4 24097	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT3_1 24098	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT3_2 24099	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT3_3 24100	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT3_4 24101	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT4_1 24102	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT4_2 24103	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT4_3 24104	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30

ASTORIA_GT4_4 24105	47.50 2.09 -12.30	34.08 2.09 0.00	39.95 2.34 0.00	36.97 2.18 0.00	37.23 2.12 0.00	37.06 2.23 0.00	40.34 2.55 -0.01	46.42 2.58 -8.69	52.49 2.39 -19.92	54.31 2.19 -25.36	53.74 2.75 -18.75	73.61 2.83 -38.09	71.18 2.55 -38.00	79.67 2.67 -41.96	55.66 2.27 -23.08	53.42 2.30 -20.97	52.80 2.54 -17.60	53.59 3.24 -9.31	56.21 3.97 -1.72	51.75 3.19 -8.29	52.99 3.71 -0.01	51.97 3.24 -5.41	51.03 2.61 -12.48	49.78 2.38 -15.30
ASTORIA_GT_1 23523	47.58 2.17 -12.30	34.11 2.13 0.01	39.98 2.38 0.01	37.01 2.22 0.01	37.27 2.17 0.01	37.11 2.28 0.01	40.41 2.62 -0.01	46.48 2.64 -8.69	52.53 2.44 -19.92	54.34 2.23 -25.36	53.80 2.81 -18.75	73.70 2.92 -38.09	71.23 2.61 -38.00	79.68 2.69 -41.96	55.72 2.33 -23.08	53.48 2.36 -20.97	52.86 2.59 -17.60	53.66 3.31 -9.31	56.29 4.04 -1.72	51.82 3.25 -8.29	53.08 3.80 0.00	52.04 3.31 -5.41	51.11 2.68 -12.48	49.84 2.45 -15.30
ASTORIA_GT_10 24110	49.16 2.10 -13.95	34.09 2.10 0.00	39.98 2.36 0.00	37.00 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.56 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.69 2.19 -28.75	56.21 2.72 -21.26	78.68 2.80 -43.20	76.25 2.52 -43.10	84.94 2.64 -47.27	58.76 2.26 -26.18	56.24 2.31 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.01 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.71 3.25 -6.14	52.71 2.61 -14.15	51.83 2.38 -17.35
ASTORIA_GT_11 24225	49.16 2.10 -13.95	34.09 2.10 0.00	39.98 2.36 0.00	37.00 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.56 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.69 2.19 -28.75	56.21 2.72 -21.26	78.68 2.80 -43.20	76.25 2.52 -43.10	84.94 2.64 -47.27	58.76 2.26 -26.18	56.24 2.31 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.01 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.71 3.25 -6.14	52.71 2.61 -14.15	51.83 2.38 -17.35
ASTORIA_GT_12 24226	49.16 2.10 -13.95	34.09 2.10 0.00	39.98 2.36 0.00	37.00 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.56 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.69 2.19 -28.75	56.21 2.72 -21.26	78.68 2.80 -43.20	76.25 2.52 -43.10	84.94 2.64 -47.27	58.76 2.26 -26.18	56.24 2.31 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.01 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.71 3.25 -6.14	52.71 2.61 -14.15	51.83 2.38 -17.35
ASTORIA_GT_13 24227	49.16 2.10 -13.95	34.09 2.10 0.00	39.98 2.36 0.00	37.00 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.56 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.69 2.19 -28.75	56.21 2.72 -21.26	78.68 2.80 -43.20	76.25 2.52 -43.10	84.94 2.64 -47.27	58.76 2.26 -26.18	56.24 2.31 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.01 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.71 3.25 -6.14	52.71 2.61 -14.15	51.83 2.38 -17.35
ASTORIA_GT_5 24106	47.55 2.14 -12.30	34.12 2.13 0.00	39.99 2.38 0.00	37.02 2.22 0.00	37.27 2.17 0.00	37.11 2.28 0.00	40.41 2.62 -0.01	46.48 2.64 -8.69	52.54 2.45 -19.92	54.35 2.24 -25.36	53.80 2.82 -18.75	73.67 2.90 -38.09	71.23 2.61 -38.00	79.73 2.74 -41.96	55.72 2.32 -23.08	53.48 2.35 -20.97	52.86 2.59 -17.60	53.66 3.31 -9.31	56.28 4.03 -1.72	51.82 3.25 -8.29	53.08 3.80 -0.01	52.04 3.31 -5.41	51.08 2.65 -12.48	49.82 2.43 -15.30
ASTORIA_GT_7 24107	47.55 2.14 -12.30	34.12 2.13 0.00	39.99 2.38 0.00	37.02 2.22 0.00	37.27 2.17 0.00	37.11 2.28 0.00	40.41 2.62 -0.01	46.48 2.64 -8.69	52.54 2.45 -19.92	54.35 2.24 -25.36	53.80 2.82 -18.75	73.67 2.90 -38.09	71.23 2.61 -38.00	79.73 2.74 -41.96	55.72 2.32 -23.08	53.48 2.35 -20.97	52.86 2.59 -17.60	53.66 3.31 -9.31	56.28 4.03 -1.72	51.82 3.25 -8.29	53.08 3.80 -0.01	52.04 3.31 -5.41	51.08 2.65 -12.48	49.82 2.43 -15.30
ASTORIA_GT_8 24108	47.55 2.14 -12.30	34.12 2.13 0.00	39.99 2.38 0.00	37.02 2.22 0.00	37.27 2.17 0.00	37.11 2.28 0.00	40.41 2.62 -0.01	46.48 2.64 -8.69	52.54 2.45 -19.92	54.35 2.24 -25.36	53.80 2.82 -18.75	73.67 2.90 -38.09	71.23 2.61 -38.00	79.73 2.74 -41.96	55.72 2.32 -23.08	53.48 2.35 -20.97	52.86 2.59 -17.60	53.66 3.31 -9.31	56.28 4.03 -1.72	51.82 3.25 -8.29	53.08 3.80 -0.01	52.04 3.31 -5.41	51.08 2.65 -12.48	49.82 2.43 -15.30
ASTORIA___2 24149	47.54 2.13 -12.30	34.07 2.09 0.01	39.94 2.34 0.01	36.97 2.18 0.01	37.22 2.12 0.01	37.05 2.23 0.01	40.34 2.56 -0.01	46.42 2.58 -8.69	52.48 2.39 -19.92	54.30 2.18 -25.36	53.74 2.75 -18.75	73.64 2.87 -38.09	71.18 2.56 -38.00	79.62 2.63 -41.96	55.67 2.27 -23.08	53.43 2.31 -20.97	52.80 2.53 -17.60	53.59 3.23 -9.31	56.21 3.96 -1.72	51.75 3.19 -8.29	52.99 3.71 0.00	51.98 3.24 -5.41	51.05 2.63 -12.48	49.81 2.42 -15.30
ASTORIA___3 23516	49.18 2.12 -13.95	34.09 2.10 0.00	39.97 2.36 0.00	37.01 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.57 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.68 2.17 -28.75	56.21 2.71 -21.26	78.69 2.81 -43.20	76.25 2.52 -43.10	84.93 2.63 -47.27	58.76 2.27 -26.18	56.25 2.32 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.00 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.72 3.25 -6.14	52.72 2.62 -14.15	51.85 2.40 -17.35
ASTORIA___4 23517	49.16 2.10 -13.95	34.09 2.10 0.00	39.98 2.36 0.00	37.00 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.56 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.69 2.19 -28.75	56.21 2.72 -21.26	78.68 2.80 -43.20	76.25 2.52 -43.10	84.94 2.64 -47.27	58.76 2.26 -26.18	56.24 2.31 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.01 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.71 3.25 -6.14	52.71 2.61 -14.15	51.83 2.38 -17.35
ASTORIA___5 23518	49.18 2.12 -13.95	34.09 2.10 0.00	39.97 2.36 0.00	37.01 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.57 -0.01	48.31 2.58 -10.59	56.04 2.39 -23.47	57.68 2.17 -28.75	56.21 2.71 -21.26	78.69 2.81 -43.20	76.24 2.52 -43.10	84.93 2.63 -47.27	58.76 2.27 -26.18	56.25 2.32 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.00 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.71 3.25 -6.14	52.72 2.62 -14.15	51.85 2.40 -17.35
AST_ENERGY_2_CC3 323677	47.42 2.01 -12.30	34.00 2.00 0.00	39.87 2.26 0.00	36.93 2.13 0.00	37.17 2.06 0.00	36.99 2.16 0.00	40.26 2.48 -0.01	46.37 2.54 -8.69	52.45 2.36 -19.91	54.29 2.18 -25.35	53.66 2.68 -18.74	73.55 2.78 -38.09	71.13 2.51 -38.00	79.33 2.62 -41.68	55.65 2.25 -23.08	53.42 2.30 -20.97	52.82 2.55 -17.60	53.61 3.26 -9.31	56.21 3.97 -1.72	51.75 3.18 -8.29	52.93 3.65 0.00	51.90 3.17 -5.41	50.97 2.55 -12.48	49.70 2.30 -15.30
AST_ENERGY_2_CC4 323678	47.42 2.01 -12.30	34.00 2.00 0.00	39.87 2.26 0.00	36.93 2.13 0.00	37.17 2.06 0.00	36.99 2.16 0.00	40.26 2.48 -0.01	46.37 2.54 -8.69	52.45 2.36 -19.91	54.29 2.18 -25.35	53.66 2.68 -18.74	73.55 2.78 -38.09	71.13 2.51 -38.00	79.33 2.62 -41.68	55.65 2.25 -23.08	53.42 2.30 -20.97	52.82 2.55 -17.60	53.61 3.26 -9.31	56.21 3.97 -1.72	51.75 3.18 -8.29	52.93 3.65 0.00	51.90 3.17 -5.41	50.97 2.55 -12.48	49.70 2.30 -15.30

ATHENS_STG_1 23668	33.88 0.77 0.00	32.80 0.81 0.00	38.56 0.94 0.00	35.71 0.91 0.00	35.91 0.81 0.00	35.62 0.79 0.00	38.72 0.94 0.00	36.12 0.97 0.00	31.13 0.95 0.00	27.69 0.94 0.00	33.31 1.08 0.00	33.81 1.14 0.00	31.66 1.04 0.00	36.07 1.04 0.00	31.27 0.94 0.00	31.15 1.00 0.00	33.74 1.08 0.00	42.40 1.36 0.00	52.19 1.66 0.00	41.56 1.30 0.00	50.65 1.38 0.00	44.57 1.25 0.00	36.95 1.00 0.00	33.05 0.96 0.00
ATHENS_STG_2 23670	33.88 0.77 0.00	32.80 0.81 0.00	38.56 0.94 0.00	35.71 0.91 0.00	35.91 0.81 0.00	35.62 0.79 0.00	38.72 0.94 0.00	36.12 0.97 0.00	31.13 0.95 0.00	27.69 0.94 0.00	33.31 1.08 0.00	33.81 1.14 0.00	31.66 1.04 0.00	36.07 1.04 0.00	31.27 0.94 0.00	31.15 1.00 0.00	33.74 1.08 0.00	42.40 1.36 0.00	52.19 1.66 0.00	41.56 1.30 0.00	50.65 1.38 0.00	44.57 1.25 0.00	36.95 1.00 0.00	33.05 0.96 0.00
ATHENS_STG_3 23677	33.88 0.77 0.00	32.80 0.81 0.00	38.56 0.94 0.00	35.71 0.91 0.00	35.91 0.81 0.00	35.62 0.79 0.00	38.72 0.94 0.00	36.12 0.97 0.00	31.13 0.95 0.00	27.69 0.94 0.00	33.31 1.08 0.00	33.81 1.14 0.00	31.66 1.04 0.00	36.07 1.04 0.00	31.27 0.94 0.00	31.15 1.00 0.00	33.74 1.08 0.00	42.40 1.36 0.00	52.19 1.66 0.00	41.56 1.30 0.00	50.65 1.38 0.00	44.57 1.25 0.00	36.95 1.00 0.00	33.05 0.96 0.00
AUBURN___LFGE 323710	33.04 -0.07 0.00	31.78 -0.21 0.00	37.47 -0.14 0.00	34.68 -0.11 0.00	35.02 -0.09 0.00	34.78 -0.04 0.00	37.85 0.07 0.00	35.01 -0.14 0.00	29.96 -0.22 0.00	26.52 -0.23 0.00	32.02 -0.21 0.00	32.32 -0.36 0.00	30.41 -0.21 0.00	34.87 -0.16 0.00	30.14 -0.18 0.00	29.98 -0.17 0.00	32.62 -0.04 0.00	41.05 0.00 0.00	50.75 0.23 0.00	40.42 0.16 0.00	49.56 0.28 0.00	43.46 0.14 0.00	35.89 -0.06 0.00	32.12 0.02 0.00
BABYLON_RES_REC 323704	34.40 1.82 0.53	33.69 1.70 0.00	39.39 1.78 0.00	36.63 1.83 0.00	36.86 1.75 0.00	36.91 2.08 0.00	40.05 2.27 0.00	37.10 2.56 0.62	31.43 2.41 1.16	27.81 2.15 1.10	34.58 3.16 0.82	34.41 3.39 1.66	31.93 2.96 1.65	36.22 3.00 1.81	31.70 2.38 1.01	31.42 2.18 0.91	34.51 2.61 0.76	43.95 3.31 0.40	54.33 3.88 0.07	43.03 3.12 0.36	52.81 3.54 0.00	46.30 3.21 0.23	37.82 2.42 0.54	33.79 2.36 0.67
BABYLON__69_KV_BK2 356345	34.67 2.09 0.53	33.96 1.96 0.00	39.69 2.07 0.00	36.93 2.13 0.00	37.18 2.07 0.00	37.27 2.45 0.00	40.45 2.67 0.00	37.48 2.95 0.62	31.75 2.73 1.16	28.08 2.43 1.10	34.93 3.51 0.82	34.78 3.76 1.66	32.26 3.30 1.65	36.59 3.37 1.81	32.02 2.70 1.01	31.71 2.47 0.91	34.84 2.94 0.76	44.40 3.76 0.40	54.92 4.47 0.07	43.46 3.56 0.36	53.40 4.12 0.00	46.84 3.75 0.23	38.25 2.84 0.54	34.10 2.67 0.67
BALL_HILL_WT_PWR 323825	31.65 -1.45 0.00	30.46 -1.53 0.00	36.01 -1.61 0.00	33.02 -1.78 0.00	33.39 -1.72 0.00	33.23 -1.59 0.00	36.12 -1.66 0.00	33.02 -1.69 0.44	19.85 -1.00 9.33	14.48 -0.97 11.30	21.38 -0.78 10.07	19.88 -1.69 11.10	17.52 -1.73 11.37	21.58 -1.84 11.62	19.14 -1.49 9.69	21.37 -1.60 7.18	24.67 -2.13 5.86	20.67 -2.63 17.74	29.10 -3.03 18.39	32.73 -2.72 4.82	47.50 -1.77 0.00	41.51 -1.82 0.00	34.00 -1.41 0.55	29.57 -1.46 1.07
BARON_WINDS___WT_PWR 323822	31.32 -1.79 0.00	30.15 -1.84 0.00	35.67 -1.94 0.00	32.98 -1.82 0.00	33.54 -1.57 0.00	33.39 -1.43 0.00	36.40 -1.38 0.00	31.07 -1.61 2.47	-22.63 -1.39 51.41	-37.05 -1.63 62.18	-25.03 -1.86 55.41	-24.75 -1.71 55.71	-26.09 -1.46 55.26	-23.78 -1.67 57.15	-18.84 -1.47 47.69	-6.60 -1.41 35.34	10.12 -1.58 20.96	-43.00 -2.02 82.03	-43.94 -2.22 92.24	13.76 -1.95 24.56	47.23 -2.04 0.00	41.33 -1.99 0.00	31.18 -1.64 3.13	24.41 -1.54 6.14
BARRETT_IC_1 23704	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_10 23701	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -25.56	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	57.00 2.39 -21.95	47.20 2.96 -3.20	53.75 3.30 0.07	42.64 2.73 0.36	52.27 2.99 0.00	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_11 23702	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -25.56	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	57.00 2.39 -21.95	47.20 2.96 -3.20	53.75 3.30 0.07	42.64 2.73 0.36	52.27 2.99 0.00	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_12 23703	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -25.56	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	57.00 2.39 -21.95	47.20 2.96 -3.20	53.75 3.30 0.07	42.64 2.73 0.36	52.27 2.99 0.00	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_2 23705	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_3 23706	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_4 23707	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67

BARRETT_IC_5 23708	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_6 23709	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_7 23710	34.26 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.54 1.88 1.10	45.70 2.75 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.63 2.40 -31.57	56.83 2.97 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.83 2.74 0.23	37.50 2.10 0.54	33.52 2.09 0.67
BARRETT_IC_8 23711	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT_IC_9 23700	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	58.73 2.55 -25.56	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	57.00 2.39 -21.95	47.20 2.96 -3.20	53.75 3.30 0.07	42.64 2.73 0.36	52.27 2.99 0.00	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT___1 23545	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	65.33 2.55 -32.16	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	66.62 2.39 -31.57	56.82 2.96 -12.82	53.75 3.30 0.07	42.64 2.73 0.36	52.28 2.99 -0.02	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BARRETT___2 23546	34.27 1.69 0.53	33.57 1.58 0.00	39.29 1.68 0.00	36.49 1.69 0.00	36.69 1.58 0.00	36.59 1.76 0.00	39.61 1.83 0.00	36.64 2.11 0.62	31.04 2.02 1.16	27.52 1.87 1.10	45.69 2.73 -10.71	58.73 2.89 -23.16	58.73 2.55 -25.56	58.73 2.57 -21.13	44.35 2.15 -11.89	36.41 2.13 -4.13	57.00 2.39 -21.95	47.20 2.96 -3.20	53.75 3.30 0.07	42.64 2.73 0.36	52.27 2.99 0.00	45.78 2.69 0.23	37.46 2.06 0.54	33.53 2.10 0.67
BATAVIA__115KV_TB1 55881	31.51 -1.60 0.00	30.27 -1.72 0.00	35.61 -2.00 0.00	32.83 -1.97 0.00	33.43 -1.67 0.00	33.28 -1.54 0.00	36.21 -1.57 0.00	33.20 -1.68 0.26	23.36 -1.29 5.52	18.76 -1.27 6.73	24.93 -1.30 6.00	25.16 -1.38 6.14	23.19 -1.30 6.13	27.44 -1.26 6.34	24.23 -0.80 5.28	25.55 -0.69 3.92	29.42 -0.93 2.32	30.99 -1.04 9.01	39.08 -1.24 10.20	36.50 -1.07 2.70	48.46 -0.81 0.00	42.46 -0.86 0.00	34.85 -0.76 0.34	30.36 -1.08 0.66
BAYONEEC___CTG1 323682	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG10 323750	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG2 323683	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG3 323684	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG4 323685	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG5 323686	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG6 323687	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30

BAYONEEC___CTG7 323688	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG8 323689	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BAYONEEC___CTG9 323749	47.38 1.97 -12.30	33.95 1.96 0.00	39.83 2.22 0.00	36.88 2.08 0.00	37.12 2.02 0.00	36.95 2.12 0.00	40.21 2.42 -0.01	46.32 2.48 -8.69	52.40 2.31 -19.91	54.24 2.13 -25.36	53.59 2.60 -18.75	73.49 2.71 -38.10	71.08 2.44 -38.01	79.26 2.55 -41.69	55.60 2.20 -23.08	53.37 2.24 -20.97	52.76 2.49 -17.60	53.54 3.19 -9.31	56.12 3.87 -1.72	51.67 3.11 -8.29	52.83 3.55 0.00	51.83 3.09 -5.41	50.92 2.49 -12.48	49.65 2.25 -15.30
BEACON___LESR 323632	33.98 0.87 0.00	32.84 0.85 0.00	38.53 0.92 0.00	35.72 0.92 0.00	35.99 0.88 0.00	35.76 0.93 0.00	38.78 1.00 0.00	36.07 0.92 0.00	30.82 0.64 0.00	27.30 0.54 0.00	33.02 0.79 0.00	33.60 0.91 0.00	31.47 0.85 0.00	35.94 0.91 0.00	31.16 0.84 0.00	31.14 0.98 0.00	33.47 0.80 0.00	42.56 1.52 0.00	52.53 2.01 0.00	41.69 1.42 0.00	50.90 1.63 0.00	44.70 1.37 0.00	37.05 1.10 0.00	33.12 1.02 0.00
BEAVER RIVER___HYD 24048	32.07 -1.05 0.00	30.93 -1.06 0.00	36.39 -1.22 0.00	33.62 -1.18 0.00	34.14 -0.97 0.00	34.25 -0.58 0.00	36.95 -0.83 0.00	34.38 -0.77 0.00	29.56 -0.61 0.00	25.90 -0.85 0.00	31.10 -1.14 0.00	31.12 -1.56 0.00	28.81 -1.82 0.00	32.66 -2.37 0.00	28.22 -2.10 0.00	29.82 -1.89 -1.55	31.29 -1.93 -0.56	39.40 -1.64 0.00	49.06 -1.47 0.00	39.58 -1.02 -0.34	48.15 -1.12 0.00	42.08 -1.24 0.00	34.85 -1.10 0.00	30.93 -1.17 0.00
BEEBEE_GT_13 23619	31.86 -1.26 0.00	30.68 -1.31 0.00	36.07 -1.54 0.00	33.31 -1.49 0.00	33.77 -1.34 0.00	33.57 -1.26 0.00	36.49 -1.29 0.00	33.77 -1.38 0.00	29.05 -1.13 0.00	25.78 -0.98 0.00	31.32 -0.91 0.00	31.70 -0.98 0.00	29.72 -0.90 0.00	34.23 -0.80 0.00	29.75 -0.57 0.00	29.58 -0.58 0.00	31.92 -0.75 0.00	40.03 -1.02 -0.01	49.39 -1.14 0.00	39.33 -0.94 0.00	48.54 -0.73 0.00	42.54 -0.78 0.00	35.24 -0.71 0.00	31.22 -0.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.35 2.48 -17.75	43.66 2.48 -9.19	40.36 2.75 0.00	37.35 2.55 0.00	37.61 2.50 0.00	37.45 2.62 0.00	40.77 2.99 -0.01	48.69 2.96 -10.59	56.33 2.68 -23.47	57.95 2.45 -28.75	56.53 3.04 -21.26	78.98 3.10 -43.20	92.82 2.81 -59.38	89.35 2.99 -51.33	63.29 2.55 -30.42	85.05 2.61 -52.29	108.25 2.90 -72.68	59.38 3.72 -14.62	57.26 4.56 -2.17	58.74 3.69 -14.78	53.86 4.38 -0.20	53.38 3.77 -6.28	53.15 3.02 -14.18	52.38 2.77 -17.52
BETHLEHEM___GRP 23843	33.51 0.40 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.94 0.18 0.00	32.48 0.24 0.00	33.02 0.34 0.00	30.97 0.34 0.00	35.35 0.32 0.00	30.69 0.37 0.00	30.62 0.47 0.00	33.04 0.37 0.00	41.74 0.70 0.00	51.35 0.82 0.00	40.92 0.66 0.00	49.84 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.58 0.48 0.00
BETHLEHEM___GS1 323560	33.53 0.42 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.93 0.18 0.00	32.47 0.23 0.00	33.01 0.33 0.00	30.97 0.34 0.00	35.35 0.31 0.00	30.69 0.37 0.00	30.61 0.46 0.00	33.03 0.37 0.00	41.73 0.69 0.00	51.35 0.82 0.00	40.92 0.65 0.00	49.85 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.57 0.48 0.00
BETHLEHEM___GS2 323561	33.53 0.42 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.93 0.18 0.00	32.47 0.23 0.00	33.01 0.33 0.00	30.97 0.34 0.00	35.35 0.31 0.00	30.69 0.37 0.00	30.61 0.46 0.00	33.03 0.37 0.00	41.73 0.69 0.00	51.35 0.82 0.00	40.92 0.65 0.00	49.85 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.57 0.48 0.00
BETHLEHEM___GS3 323562	33.53 0.42 0.00	32.43 0.44 0.00	38.08 0.47 0.00	35.28 0.48 0.00	35.52 0.41 0.00	35.24 0.41 0.00	38.15 0.37 0.00	35.46 0.31 0.00	30.32 0.15 0.00	26.93 0.18 0.00	32.47 0.23 0.00	33.01 0.33 0.00	30.97 0.34 0.00	35.35 0.31 0.00	30.69 0.37 0.00	30.61 0.46 0.00	33.03 0.37 0.00	41.73 0.69 0.00	51.35 0.82 0.00	40.92 0.65 0.00	49.85 0.57 0.00	43.85 0.53 0.00	36.39 0.44 0.00	32.57 0.48 0.00
BETHLEHEM___STEEL 23779	31.07 -2.04 0.00	29.84 -2.15 0.00	35.17 -2.44 0.00	32.38 -2.41 0.00	32.95 -2.16 0.00	32.73 -2.10 0.00	35.60 -2.18 0.00	32.38 -2.28 0.50	18.18 -1.55 10.45	12.73 -1.35 12.67	19.66 -1.29 11.29	19.52 -1.57 11.59	17.57 -1.48 11.57	21.66 -1.53 11.85	19.29 -1.14 9.88	21.62 -1.21 7.33	26.31 -1.67 4.68	21.64 -2.17 17.23	29.13 -2.59 18.81	33.05 -2.28 4.94	47.20 -2.07 0.00	41.37 -1.95 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21
BETHLHEM_115KV_TB1 79974	33.58 0.47 0.00	32.49 0.51 0.00	38.16 0.55 0.00	35.35 0.56 0.00	35.59 0.48 0.00	35.31 0.48 0.00	38.24 0.46 0.00	35.56 0.41 0.00	30.45 0.27 0.00	27.05 0.29 0.00	32.59 0.35 0.00	33.12 0.44 0.00	31.06 0.43 0.00	35.46 0.43 0.00	30.78 0.46 0.00	30.70 0.54 0.00	33.14 0.47 0.00	41.84 0.80 0.00	51.50 0.97 0.00	41.02 0.75 0.00	49.97 0.70 0.00	43.96 0.64 0.00	36.49 0.54 0.00	32.65 0.55 0.00
BETHPAGE_CC_5 323564	34.37 1.79 0.53	33.66 1.67 0.00	39.37 1.76 0.00	36.59 1.79 0.00	36.81 1.71 0.00	36.81 1.98 0.00	39.96 2.18 0.00	37.00 2.47 0.62	31.34 2.33 1.16	27.75 2.09 1.10	34.79 3.00 0.45	35.04 3.23 0.86	32.82 2.84 0.64	36.81 2.85 1.08	32.03 2.30 0.59	31.61 2.21 0.75	35.40 2.57 -0.17	44.11 3.15 0.08	54.14 3.69 0.07	42.89 2.99 0.36	52.62 3.34 0.00	46.12 3.03 0.23	37.71 2.31 0.54	33.73 2.30 0.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.19 -1.92 0.00	29.97 -2.02 0.00	35.32 -2.30 0.00	32.53 -2.27 0.00	33.10 -2.01 0.00	32.88 -1.95 0.00	35.78 -2.00 0.00	32.56 -2.12 0.47	18.90 -1.44 9.84	13.58 -1.25 11.93	20.43 -1.18 10.63	20.33 -1.45 10.90	18.36 -1.38 10.88	22.47 -1.42 11.14	19.98 -1.05 9.29	22.17 -1.10 6.88	27.01 -1.56 4.10	23.02 -2.02 16.00	30.47 -2.38 17.68	33.51 -2.12 4.64	47.35 -1.93 0.00	41.52 -1.80 0.00	33.88 -1.49 0.58	29.29 -1.67 1.14

BINGHAMTON___COGEN 23790	33.07 -0.04 0.00	31.97 -0.03 0.00	37.66 0.05 0.00	34.79 0.00 0.00	35.10 -0.01 0.00	34.79 -0.04 0.00	37.91 0.13 0.00	35.34 0.19 0.00	30.38 0.20 0.00	26.90 0.14 0.00	32.45 0.21 0.00	32.91 0.23 0.00	30.93 0.30 0.00	35.39 0.36 0.00	30.56 0.24 0.00	30.42 0.27 0.00	32.90 0.23 0.00	41.34 0.30 0.00	51.01 0.48 0.00	40.51 0.25 0.00	49.64 0.36 0.00	43.54 0.22 0.00	36.13 0.19 0.00	32.28 0.19 0.00
BIXINCNT_115KV_LOAD 355685	31.16 -1.95 0.00	30.14 -1.85 0.00	35.37 -2.25 0.00	32.83 -1.97 0.00	33.38 -1.73 0.00	33.18 -1.65 0.00	36.13 -1.65 0.00	32.76 -2.09 0.31	21.93 -1.78 6.46	17.53 -1.39 7.84	23.80 -1.44 6.99	23.95 -1.56 7.16	21.68 -1.81 7.14	25.60 -2.14 7.29	22.66 -1.58 6.08	24.24 -1.41 4.50	28.87 -1.85 1.95	28.50 -2.55 9.99	36.15 -2.87 11.51	34.77 -2.49 3.01	46.73 -2.55 0.00	41.28 -2.05 0.00	33.80 -1.77 0.38	29.84 -1.52 0.74
BLACK RIVER___HYD 24047	31.98 -1.13 0.00	30.85 -1.14 0.00	36.34 -1.28 0.00	33.49 -1.31 0.00	34.03 -1.08 0.00	34.20 -0.62 0.00	36.97 -0.81 0.00	34.33 -0.82 0.00	29.60 -0.57 0.00	25.91 -0.85 0.00	31.21 -1.02 0.00	30.75 -1.93 0.00	28.35 -2.27 0.00	32.23 -2.80 0.00	27.82 -2.50 0.00	29.11 -2.12 -1.07	30.70 -2.35 -0.39	39.33 -1.71 0.00	49.32 -1.21 0.00	39.63 -0.86 -0.23	48.36 -0.91 0.00	42.25 -1.07 0.00	34.91 -1.04 0.00	30.96 -1.14 0.00
BLACKRVR_115KV_TB2 79977	31.98 -1.13 0.00	30.85 -1.14 0.00	36.34 -1.28 0.00	33.49 -1.31 0.00	34.03 -1.08 0.00	34.20 -0.62 0.00	36.98 -0.81 0.00	34.33 -0.83 0.00	29.60 -0.57 0.00	25.91 -0.85 0.00	31.22 -1.02 0.00	30.75 -1.93 0.00	28.35 -2.27 0.00	32.23 -2.80 0.00	27.82 -2.50 0.00	29.11 -2.12 -1.07	30.70 -2.35 -0.39	39.33 -1.71 0.00	49.32 -1.21 0.00	39.63 -0.87 -0.23	48.36 -0.91 0.00	42.25 -1.08 0.00	34.91 -1.04 0.00	30.96 -1.14 0.00
BLISS_WT_PWR 323608	30.89 -2.22 0.00	29.97 -2.02 0.00	35.13 -2.48 0.00	32.69 -2.11 0.00	33.21 -1.89 0.00	33.03 -1.80 0.00	35.96 -1.82 0.00	32.50 -2.35 0.31	21.67 -2.05 6.46	17.38 -1.54 7.84	23.51 -1.73 6.99	23.66 -1.86 7.16	21.33 -2.16 7.14	25.18 -2.56 7.29	22.32 -1.93 6.08	23.93 -1.72 4.50	28.55 -2.17 1.95	28.07 -2.98 9.99	35.62 -3.40 11.51	34.40 -2.86 3.01	46.22 -3.05 0.00	40.95 -2.38 0.00	33.49 -2.09 0.38	29.64 -1.72 0.74
BLUESTONE___WT_PWR 323821	32.41 -0.70 0.00	31.97 -0.02 0.00	38.09 0.47 0.00	35.24 0.44 0.00	35.17 0.06 0.00	34.15 -0.68 0.00	38.11 0.33 0.00	36.35 1.20 0.00	31.08 0.90 0.00	27.17 0.42 0.00	32.23 -0.01 0.00	32.34 -0.34 0.00	30.37 -0.26 0.00	35.24 0.21 0.00	31.18 -0.18 -1.04	30.66 -0.31 -0.81	32.77 -0.37 -0.48	41.33 -1.60 -1.89	53.92 1.25 -2.14	40.74 -0.10 -0.57	47.84 -1.43 0.00	42.19 -1.13 0.00	34.47 -1.48 0.00	31.12 -0.97 0.00
BLUE_CIRC_CHEM_DRP 24182	33.85 0.74 0.00	32.76 0.77 0.00	38.50 0.89 0.00	35.68 0.88 0.00	35.93 0.82 0.00	35.63 0.81 0.00	38.63 0.85 0.00	35.88 0.73 0.00	30.79 0.62 0.00	27.17 0.41 0.00	32.60 0.36 0.00	33.16 0.49 0.00	31.07 0.44 0.00	35.62 0.59 0.00	31.02 0.70 0.00	30.94 0.78 0.00	33.28 0.61 0.00	42.15 1.11 0.00	51.90 1.37 0.00	41.34 1.07 0.00	50.41 1.14 0.00	44.37 1.04 0.00	36.82 0.87 0.00	32.93 0.83 0.00
BOC_GAS_DRP 24189	33.71 0.60 0.00	32.61 0.62 0.00	38.33 0.72 0.00	35.51 0.71 0.00	35.74 0.63 0.00	35.44 0.61 0.00	38.44 0.66 0.00	35.80 0.65 0.00	30.83 0.66 0.00	27.38 0.62 0.00	32.91 0.67 0.00	33.41 0.73 0.00	31.29 0.67 0.00	35.73 0.69 0.00	30.97 0.66 0.00	30.87 0.72 0.00	33.38 0.71 0.00	42.05 1.01 0.00	51.74 1.21 0.00	41.19 0.92 0.00	50.23 0.96 0.00	44.20 0.88 0.00	36.68 0.73 0.00	32.79 0.70 0.00
BOONVILLE_115KV_TB1 79983	33.02 -0.08 0.00	31.92 -0.07 0.00	37.54 -0.08 0.00	34.69 -0.10 0.00	35.12 0.01 0.00	35.06 0.23 0.00	38.01 0.23 0.00	35.40 0.25 0.00	30.36 0.19 0.00	26.73 -0.03 0.00	32.17 -0.07 0.00	32.55 -0.12 0.00	30.26 -0.36 0.00	34.39 -0.64 0.00	29.84 -0.48 0.00	30.40 -0.36 -0.61	32.59 -0.29 -0.22	41.11 0.07 0.00	50.88 0.35 0.00	40.73 0.34 -0.13	49.70 0.43 0.00	43.53 0.21 0.00	36.04 0.09 0.00	32.06 -0.03 0.00
BORALEX_4TH_BRANCH 23824	34.45 1.34 0.00	33.21 1.22 0.00	39.00 1.38 0.00	36.05 1.25 0.00	36.38 1.27 0.00	36.09 1.26 0.00	39.25 1.46 0.00	36.54 1.39 0.00	31.45 1.27 0.00	27.91 1.15 0.00	33.68 1.45 0.00	34.04 1.36 0.00	31.88 1.25 0.00	36.47 1.44 0.00	31.65 1.33 0.00	31.54 1.39 0.00	34.12 1.45 0.00	42.90 1.86 0.00	52.78 2.26 0.00	41.99 1.72 0.00	51.18 1.91 0.00	45.04 1.72 0.00	37.50 1.56 0.00	33.45 1.36 0.00
BOWLINE___1 23526	34.48 1.37 0.00	33.38 1.38 0.00	39.17 1.56 0.00	36.26 1.46 0.00	36.49 1.38 0.00	36.30 1.48 0.00	39.43 1.65 0.00	36.90 1.75 0.00	31.86 1.69 0.00	28.33 1.57 0.00	34.19 1.96 0.00	34.74 2.06 0.00	32.47 1.85 0.00	36.90 1.87 0.00	31.95 1.63 0.00	31.86 1.70 0.00	34.56 1.89 0.00	43.46 2.42 0.00	53.49 2.96 0.00	42.57 2.30 0.00	51.81 2.54 0.00	45.51 2.18 0.00	37.66 1.71 0.00	33.67 1.58 0.00
BOWLINE___2 23595	34.49 1.38 0.00	33.39 1.40 0.00	39.18 1.57 0.00	36.27 1.47 0.00	36.50 1.40 0.00	36.31 1.49 0.00	39.44 1.67 0.00	36.91 1.76 0.00	31.87 1.69 0.00	28.34 1.59 0.00	34.20 1.96 0.00	34.75 2.07 0.00	32.49 1.86 0.00	36.92 1.89 0.00	31.96 1.65 0.00	31.87 1.71 0.00	34.57 1.91 0.00	43.47 2.43 0.00	53.52 2.99 0.00	42.59 2.32 0.00	51.82 2.55 0.00	45.53 2.21 0.00	37.67 1.72 0.00	33.69 1.59 0.00
BRADY___115KV_TB2 356060	33.67 0.56 0.00	32.42 0.44 0.00	38.08 0.46 0.00	35.16 0.36 0.00	35.60 0.50 0.00	35.38 0.55 0.00	38.33 0.55 0.00	35.47 0.32 0.00	30.04 -0.14 0.00	26.69 -0.07 0.00	32.27 0.03 0.00	32.71 0.04 0.00	30.46 -0.16 0.00	34.91 -0.12 0.00	30.04 -0.28 0.00	31.75 -0.39 -1.99	33.06 -0.31 -0.71	40.63 -0.41 0.00	50.40 -0.13 0.00	40.81 0.12 -0.43	49.67 0.40 0.00	43.57 0.25 0.00	36.35 0.40 0.00	32.27 0.18 0.00
BRANSCOMB___SOLAR 323811	34.60 1.49 0.00	33.37 1.38 0.00	39.23 1.62 0.00	36.09 1.30 0.00	36.43 1.32 0.00	36.22 1.40 0.00	39.51 1.72 0.00	36.86 1.71 0.00	31.46 1.29 0.00	27.59 0.83 0.00	33.12 0.88 0.00	33.69 1.01 0.00	31.58 0.96 0.00	36.25 1.21 0.00	31.39 1.07 0.00	31.34 1.18 0.00	34.00 1.34 0.00	42.93 1.88 0.00	52.99 2.46 0.00	42.27 2.00 0.00	51.57 2.30 0.00	45.26 1.94 0.00	37.51 1.56 0.00	33.45 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.56 1.98 0.53	33.87 1.88 0.00	39.56 1.95 0.00	36.82 2.03 0.00	37.08 1.97 0.00	37.18 2.36 0.00	40.33 2.55 0.00	37.38 2.84 0.62	31.64 2.62 1.16	27.95 2.30 1.10	34.35 3.41 1.30	33.65 3.66 2.69	30.77 3.20 3.05	35.50 3.24 2.77	31.36 2.58 1.54	31.44 2.41 1.12	33.40 2.84 2.10	43.70 3.60 0.94	54.76 4.31 0.07	43.27 3.36 0.36	53.17 3.90 0.00	46.66 3.57 0.23	38.10 2.69 0.54	33.99 2.56 0.67



BRISTLHL_115KV_TB1 79998	32.29 -0.82 0.00	31.20 -0.79 0.00	36.68 -0.93 0.00	33.92 -0.87 0.00	34.23 -0.88 0.00	33.98 -0.84 0.00	36.88 -0.91 0.00	34.25 -0.90 0.00	29.43 -0.74 0.00	26.12 -0.63 0.00	31.49 -0.75 0.00	31.76 -0.92 0.00	29.84 -0.79 0.00	34.16 -0.87 0.00	29.62 -0.70 0.00	29.47 -0.69 0.00	31.91 -0.76 0.00	40.06 -0.98 0.00	49.46 -1.07 0.00	39.37 -0.89 0.00	48.19 -1.09 0.00	42.31 -1.01 0.00	35.06 -0.88 0.00	31.34 -0.76 0.00
BROOKHAVEN___DRP 24191	33.88 1.31 0.53	33.23 1.23 0.00	38.79 1.17 0.00	36.31 1.51 0.00	36.66 1.55 0.00	36.97 2.15 0.00	39.99 2.21 0.00	36.99 2.46 0.62	31.16 2.14 1.16	27.41 1.76 1.10	33.65 2.81 1.39	32.87 3.10 2.90	29.92 2.63 3.33	34.60 2.53 2.96	30.66 1.99 1.65	30.60 1.75 1.30	32.45 2.14 2.36	42.77 2.77 1.04	53.93 3.48 0.07	42.46 2.55 0.36	52.25 2.98 0.00	45.92 2.83 0.23	37.42 2.02 0.54	33.36 1.93 0.67
BROOKLYN_NAVY_YARD 23515	47.40 1.99 -12.30	33.97 1.98 0.00	39.85 2.24 0.00	36.89 2.10 0.00	37.13 2.03 0.00	36.96 2.13 0.00	40.23 2.45 -0.01	46.36 2.52 -8.69	52.45 2.36 -19.91	54.29 2.18 -25.36	53.65 2.66 -18.75	73.56 2.78 -38.10	71.15 2.52 -38.01	79.34 2.62 -41.69	55.66 2.25 -23.08	53.43 2.30 -20.97	52.83 2.56 -17.60	53.64 3.29 -9.31	56.22 3.97 -1.72	51.75 3.19 -8.29	52.96 3.68 0.00	51.91 3.18 -5.41	50.99 2.56 -12.48	49.69 2.29 -15.30
BROOKLYN___ARMY_DRP 323595	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
BROOKVLE_69_KV_TB1 55790	34.54 1.96 0.53	33.88 1.89 0.00	39.67 2.05 0.00	36.80 2.00 0.00	37.03 1.92 0.00	36.95 2.12 0.00	40.15 2.37 0.00	37.08 2.55 0.62	31.44 2.42 1.16	27.88 2.23 1.10	35.72 2.96 -0.53	37.01 3.11 -1.23	35.55 2.79 -2.14	38.75 2.86 -0.86	33.20 2.38 -0.49	32.20 2.37 0.33	38.17 2.72 -2.79	45.34 3.37 -0.93	54.45 3.99 0.07	43.14 3.24 0.36	52.94 3.67 0.00	46.38 3.29 0.23	37.97 2.57 0.54	33.81 2.38 0.67
BROOME_2_LFGE 323671	33.07 -0.05 0.00	31.97 -0.03 0.00	37.66 0.05 0.00	34.80 0.00 0.00	35.10 -0.01 0.00	34.79 -0.04 0.00	37.91 0.13 0.00	35.34 0.19 0.00	30.36 0.18 0.00	26.89 0.14 0.00	32.44 0.20 0.00	32.90 0.22 0.00	30.92 0.30 0.00	35.38 0.35 0.00	30.56 0.24 0.00	30.41 0.26 0.00	32.90 0.23 0.00	41.34 0.30 0.00	50.99 0.46 0.00	40.50 0.23 0.00	49.64 0.36 0.00	43.54 0.22 0.00	36.13 0.18 0.00	32.28 0.19 0.00
BROOME___LFGE 323600	33.07 -0.05 0.00	31.97 -0.03 0.00	37.66 0.05 0.00	34.80 0.00 0.00	35.10 -0.01 0.00	34.79 -0.04 0.00	37.91 0.13 0.00	35.34 0.19 0.00	30.36 0.18 0.00	26.89 0.14 0.00	32.44 0.20 0.00	32.90 0.22 0.00	30.92 0.30 0.00	35.38 0.35 0.00	30.56 0.24 0.00	30.41 0.26 0.00	32.90 0.23 0.00	41.34 0.30 0.00	50.99 0.46 0.00	40.50 0.23 0.00	49.64 0.36 0.00	43.54 0.22 0.00	36.13 0.18 0.00	32.28 0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	32.26 -0.85 0.00	31.08 -0.91 0.00	36.54 -1.08 0.00	33.75 -1.05 0.00	34.23 -0.88 0.00	34.20 -0.62 0.00	36.94 -0.85 0.00	34.32 -0.83 0.00	29.35 -0.83 0.00	25.84 -0.92 0.00	31.08 -1.16 0.00	31.28 -1.40 0.00	29.06 -1.57 0.00	33.11 -1.92 0.00	28.55 -1.77 0.00	31.21 -1.72 -2.78	31.95 -1.72 -1.00	39.35 -1.69 0.00	48.86 -1.67 0.00	39.70 -1.17 -0.60	48.00 -1.27 0.00	42.01 -1.31 0.00	34.92 -1.02 0.00	31.00 -1.10 0.00
BROWNSV1_27_KV_LOAD 356125	47.68 2.26 -12.30	34.23 2.24 0.00	40.14 2.53 0.00	37.16 2.36 0.00	37.41 2.31 0.00	37.24 2.41 0.00	40.56 2.77 -0.01	46.66 2.82 -8.69	52.70 2.61 -19.91	54.53 2.41 -25.36	53.94 2.95 -18.75	73.84 3.07 -38.10	71.40 2.77 -38.01	79.63 2.91 -41.69	55.91 2.51 -23.08	53.68 2.55 -20.97	53.09 2.82 -17.60	53.95 3.60 -9.31	56.62 4.37 -1.72	52.07 3.51 -8.29	53.34 4.06 0.00	52.26 3.53 -5.41	51.26 2.83 -12.48	49.94 2.54 -15.30
BURROWS___LYONSDAL 23803	32.69 -0.42 0.00	31.58 -0.41 0.00	37.13 -0.48 0.00	34.34 -0.46 0.00	34.79 -0.32 0.00	34.79 -0.04 0.00	37.65 -0.13 0.00	35.09 -0.07 0.00	30.12 -0.05 0.00	26.47 -0.28 0.00	31.81 -0.43 0.00	32.13 -0.55 0.00	29.84 -0.79 0.00	33.85 -1.18 0.00	29.36 -0.96 0.00	30.12 -0.83 -0.79	32.18 -0.77 -0.29	40.58 -0.47 0.00	50.27 -0.26 0.00	40.33 -0.11 -0.17	49.18 -0.10 0.00	43.04 -0.28 0.00	35.63 -0.32 0.00	31.68 -0.42 0.00
CAITHNESS_CC_1 323624	33.97 1.39 0.53	33.29 1.30 0.00	38.87 1.26 0.00	36.33 1.54 0.00	36.66 1.55 0.00	36.92 2.09 0.00	39.96 2.18 0.00	36.97 2.43 0.62	31.19 2.17 1.16	27.45 1.79 1.10	33.68 2.84 1.40	32.92 3.15 2.91	29.97 2.67 3.33	34.66 2.60 2.97	30.70 2.04 1.65	30.67 1.82 1.30	32.50 2.19 2.36	42.84 2.84 1.04	53.96 3.51 0.07	42.52 2.61 0.36	52.31 3.04 0.00	45.91 2.82 0.23	37.42 2.02 0.54	33.42 1.99 0.67
CALPINE BETH_PAGE_GT4 24209	34.29 1.72 0.53	33.60 1.61 0.00	39.30 1.69 0.00	36.51 1.72 0.00	36.74 1.63 0.00	36.73 1.90 0.00	39.87 2.09 0.00	36.91 2.38 0.62	31.28 2.26 1.16	27.70 2.05 1.10	35.13 2.92 0.03	35.81 3.11 -0.03	33.91 2.75 -0.53	37.54 2.76 0.26	32.42 2.23 0.13	31.72 2.14 0.57	36.41 2.49 -1.26	44.35 2.99 -0.32	53.93 3.48 0.07	42.73 2.82 0.36	52.42 3.15 0.00	45.98 2.89 0.23	37.62 2.22 0.54	33.65 2.22 0.67
CALPINE_BETH_PAGE_GT_4 323586	34.30 1.72 0.53	33.60 1.61 0.00	39.30 1.68 0.00	36.52 1.72 0.00	36.74 1.63 0.00	36.73 1.90 0.00	39.87 2.09 0.00	36.91 2.38 0.62	31.28 2.25 1.16	27.68 2.03 1.10	35.11 2.91 0.03	35.83 3.12 -0.03	33.91 2.76 -0.53	37.55 2.77 0.26	32.42 2.23 0.13	31.73 2.14 0.57	36.40 2.48 -1.26	44.34 2.98 -0.32	53.93 3.48 0.07	42.73 2.83 0.36	52.42 3.15 0.00	45.94 2.85 0.23	37.58 2.18 0.54	33.66 2.23 0.67
CALPINE_BP_GT1 23823	34.30 1.72 0.53	33.60 1.61 0.00	39.30 1.68 0.00	36.52 1.72 0.00	36.74 1.63 0.00	36.73 1.90 0.00	39.87 2.09 0.00	36.91 2.38 0.62	31.28 2.25 1.16	27.68 2.03 1.10	35.11 2.91 0.03	35.83 3.12 -0.03	33.91 2.76 -0.53	37.55 2.77 0.26	32.42 2.23 0.13	31.73 2.14 0.57	36.40 2.48 -1.26	44.34 2.98 -0.32	53.93 3.48 0.07	42.73 2.83 0.36	52.42 3.15 0.00	45.94 2.85 0.23	37.58 2.18 0.54	33.66 2.23 0.67
CALSPAN___DRP 24200	31.07 -2.04 0.00	29.84 -2.15 0.00	35.17 -2.44 0.00	32.38 -2.41 0.00	32.95 -2.16 0.00	32.73 -2.10 0.00	35.60 -2.18 0.00	32.38 -2.28 0.50	18.18 -1.55 10.45	12.73 -1.35 12.67	19.66 -1.29 11.29	19.52 -1.57 11.59	17.57 -1.48 11.57	21.66 -1.53 11.85	19.29 -1.14 9.88	21.62 -1.21 7.33	26.31 -1.67 4.68	21.64 -2.17 17.23	29.13 -2.59 18.81	33.05 -2.28 4.94	47.20 -2.07 0.00	41.37 -1.95 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21

CALVERTON___SOLAR 323806	33.82 1.24 0.53	33.16 1.17 0.00	38.72 1.11 0.00	36.30 1.50 0.00	36.66 1.56 0.00	37.04 2.22 0.00	40.06 2.28 0.00	37.03 2.50 0.62	31.13 2.11 1.16	27.35 1.70 1.10	33.60 2.76 1.39	32.87 3.10 2.90	29.89 2.60 3.33	34.55 2.48 2.96	30.60 1.93 1.65	30.52 1.66 1.29	32.36 2.05 2.35	42.69 2.69 1.04	53.89 3.44 0.07	42.42 2.51 0.36	52.23 2.96 0.00	45.85 2.76 0.23	37.33 1.93 0.54	33.30 1.87 0.67
CANDIGU_WT_PWR 323617	31.32 -1.79 0.00	30.15 -1.84 0.00	35.67 -1.94 0.00	32.98 -1.82 0.00	33.54 -1.57 0.00	33.39 -1.43 0.00	36.40 -1.38 0.00	31.07 -1.61 2.47	-22.63 -1.39 51.41	-37.05 -1.63 62.18	-25.03 -1.86 55.41	-24.75 -1.71 55.71	-26.09 -1.46 55.26	-23.78 -1.67 57.15	-18.84 -1.47 47.69	-6.60 -1.41 35.34	10.12 -1.58 20.96	-43.00 -2.02 82.03	-43.94 -2.22 92.24	13.76 -1.95 24.56	47.23 -2.04 0.00	41.33 -1.99 0.00	31.18 -1.64 3.13	24.41 -1.54 6.14
CARR STREET_E_SYR 24060	32.61 -0.50 0.00	31.51 -0.49 0.00	37.05 -0.57 0.00	34.26 -0.54 0.00	34.58 -0.53 0.00	34.31 -0.51 0.00	37.26 -0.52 0.00	34.65 -0.51 0.00	29.92 -0.25 0.00	26.49 -0.27 0.00	31.86 -0.37 0.00	32.24 -0.44 0.00	30.24 -0.39 0.00	34.80 -0.23 0.00	30.16 -0.16 0.00	30.03 -0.12 0.00	32.48 -0.18 0.00	40.86 -0.18 0.00	50.43 -0.10 0.00	39.83 -0.43 0.00	48.73 -0.54 0.00	42.77 -0.55 0.00	35.46 -0.48 0.00	31.69 -0.41 0.00
CARTHAGE___PAPER 23857	32.28 -0.83 0.00	31.14 -0.85 0.00	36.64 -0.98 0.00	33.81 -0.99 0.00	34.35 -0.76 0.00	34.51 -0.32 0.00	37.26 -0.52 0.00	34.62 -0.53 0.00	29.76 -0.42 0.00	26.05 -0.71 0.00	31.33 -0.90 0.00	31.14 -1.54 0.00	28.71 -1.91 0.00	32.60 -2.43 0.00	28.15 -2.17 0.00	29.55 -1.86 -1.26	31.14 -1.98 -0.45	39.64 -1.41 0.00	49.52 -1.01 0.00	39.88 -0.66 -0.27	48.62 -0.65 0.00	42.47 -0.85 0.00	35.13 -0.82 0.00	31.17 -0.93 0.00
CASSADAGA_WT_PWR 323784	31.82 -1.29 0.00	30.50 -1.49 0.00	36.20 -1.41 0.00	33.06 -1.74 0.00	33.33 -1.78 0.00	33.24 -1.59 0.00	36.15 -1.63 0.00	33.18 -1.63 0.33	22.25 -0.89 7.04	17.15 -1.08 8.53	23.83 -0.80 7.60	22.48 -1.97 8.23	20.14 -2.12 8.37	24.17 -2.33 8.54	21.56 -1.64 7.11	23.09 -1.78 5.29	18.44 -2.42 11.81	20.24 -2.90 17.90	33.88 -3.18 13.47	33.78 -2.97 3.52	47.13 -2.15 0.00	41.03 -2.29 0.00	33.81 -1.73 0.41	29.56 -1.74 0.80
CE_DUNWOOD___DRP 24194	35.11 1.71 -0.29	33.71 1.71 0.00	39.54 1.93 0.00	36.61 1.82 0.00	36.85 1.75 0.00	36.67 1.85 0.00	39.88 2.10 0.00	37.65 2.17 -0.33	32.84 2.04 -0.62	29.26 1.91 -0.59	35.02 2.34 -0.44	36.01 2.44 -0.89	33.71 2.20 -0.88	38.27 2.27 -0.97	32.82 1.96 -0.54	32.67 2.03 -0.49	35.32 2.25 -0.41	44.13 2.87 -0.22	54.07 3.51 -0.04	43.25 2.79 -0.19	52.44 3.17 0.00	46.19 2.74 -0.13	38.41 2.17 -0.29	34.42 1.97 -0.35
CE_MILLWOOD___DRP 24193	34.74 1.63 0.00	33.62 1.63 0.00	39.45 1.84 0.00	36.52 1.72 0.00	36.76 1.65 0.00	36.58 1.75 0.00	39.78 2.00 0.00	37.48 2.07 -0.27	32.45 1.95 -0.32	28.59 1.83 0.00	34.47 2.24 0.00	35.02 2.34 0.00	32.72 2.10 0.00	37.20 2.17 0.00	32.20 1.88 0.00	32.09 1.94 0.00	34.82 2.15 0.00	43.79 2.74 0.00	53.89 3.37 0.00	42.94 2.67 0.00	52.29 3.02 0.00	45.94 2.62 0.00	38.01 2.06 0.00	33.97 1.87 0.00
CE_NYC2_DRP 24202	49.18 2.11 -13.95	34.10 2.11 0.00	39.99 2.37 0.00	37.01 2.21 0.00	37.27 2.16 0.00	37.10 2.27 0.00	40.37 2.58 -0.01	48.35 2.61 -10.59	56.07 2.42 -23.47	57.72 2.21 -28.75	56.22 2.72 -21.26	78.68 2.80 -43.20	76.26 2.53 -43.10	84.95 2.65 -47.27	58.77 2.27 -26.18	56.26 2.33 -23.78	55.19 2.57 -19.96	54.89 3.29 -10.56	56.50 4.03 -1.95	52.91 3.23 -9.41	53.05 3.77 -0.01	52.73 3.27 -6.14	52.72 2.62 -14.15	51.84 2.39 -17.35
CE_NYC_DRP 24195	47.00 2.02 -11.87	34.01 2.01 0.00	39.89 2.28 0.00	36.94 2.14 0.00	37.18 2.08 0.00	37.01 2.18 0.00	40.28 2.50 -0.01	45.90 2.56 -8.19	51.55 2.39 -18.98	53.44 2.21 -24.47	53.04 2.71 -18.09	72.25 2.81 -36.77	69.85 2.54 -36.68	77.91 2.65 -40.23	54.88 2.29 -22.28	52.72 2.33 -20.24	52.24 2.59 -16.99	53.34 3.31 -8.99	56.21 4.02 -1.66	51.49 3.22 -8.01	52.97 3.70 0.00	51.74 3.19 -5.22	50.56 2.57 -12.04	49.18 2.32 -14.77
CHAFFEE___LFGE 323603	32.44 -0.67 0.00	31.36 -0.63 0.00	36.94 -0.67 0.00	34.09 -0.71 0.00	34.62 -0.48 0.00	34.29 -0.53 0.00	37.36 -0.42 0.00	34.61 -0.39 0.16	26.78 0.00 3.40	22.80 0.17 4.13	28.98 0.43 3.69	29.09 0.18 3.76	26.90 0.02 3.75	31.37 0.13 3.80	27.65 0.49 3.16	28.27 0.46 2.34	33.00 0.17 -0.17	36.79 0.18 4.44	45.06 0.44 5.92	38.42 -0.32 1.53	49.21 -0.06 0.00	42.96 -0.37 0.00	35.52 -0.24 0.19	31.47 -0.25 0.38
CHATEAUG_35_KV_LOAD 355732	33.46 0.35 0.00	31.99 0.00 0.00	37.56 -0.05 0.00	34.64 -0.15 0.00	35.11 0.00 0.00	34.88 0.06 0.00	37.52 -0.26 0.00	34.73 -0.42 0.00	29.32 -0.86 0.00	25.78 -0.97 0.00	31.03 -1.21 0.00	31.60 -1.08 0.00	29.69 -0.93 0.00	34.27 -0.76 0.00	29.32 -1.00 0.00	2.43 -1.38 26.35	22.13 -1.06 9.47	39.97 -1.07 0.00	49.24 -1.29 0.00	33.18 -1.36 5.72	48.18 -1.10 0.00	42.66 -0.66 0.00	35.35 -0.60 0.00	31.45 -0.65 0.00
CHATEAUG_WT_PWR 323614	33.44 0.33 0.00	32.01 0.01 0.00	37.57 -0.05 0.00	34.65 -0.14 0.00	35.10 -0.01 0.00	34.87 0.04 0.00	37.51 -0.27 0.00	34.74 -0.41 0.00	29.38 -0.80 0.00	25.85 -0.91 0.00	31.09 -1.14 0.00	31.65 -1.03 0.00	29.73 -0.90 0.00	34.28 -0.75 0.00	29.37 -0.95 0.00	4.34 -1.36 24.45	22.87 -1.01 8.78	40.05 -0.99 0.00	49.28 -1.24 0.00	33.57 -1.39 5.31	48.10 -1.17 0.00	42.61 -0.72 0.00	35.31 -0.64 0.00	31.43 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	33.46 0.35 0.00	31.99 0.00 0.00	37.56 -0.05 0.00	34.64 -0.15 0.00	35.11 0.00 0.00	34.88 0.06 0.00	37.52 -0.26 0.00	34.73 -0.42 0.00	29.32 -0.86 0.00	25.78 -0.97 0.00	31.03 -1.21 0.00	31.60 -1.08 0.00	29.69 -0.93 0.00	34.27 -0.76 0.00	29.32 -1.00 0.00	2.43 -1.38 26.35	22.13 -1.06 9.47	39.97 -1.07 0.00	49.24 -1.29 0.00	33.18 -1.36 5.72	48.18 -1.10 0.00	42.66 -0.66 0.00	35.35 -0.60 0.00	31.45 -0.65 0.00
CHAUTAUQUA___LFGE 323629	31.87 -1.23 0.00	30.65 -1.34 0.00	36.26 -1.35 0.00	33.20 -1.60 0.00	33.53 -1.57 0.00	33.39 -1.44 0.00	36.31 -1.47 0.00	33.26 -1.48 0.41	20.71 -0.82 8.65	15.41 -0.86 10.48	22.25 -0.64 9.34	20.86 -1.69 10.13	18.51 -1.80 10.32	22.59 -1.90 10.54	20.04 -1.49 8.79	22.02 -1.62 6.52	23.88 -2.15 6.64	21.46 -2.63 16.95	30.85 -3.00 16.68	33.20 -2.70 4.37	47.69 -1.59 0.00	41.60 -1.72 0.00	34.13 -1.31 0.51	29.75 -1.36 0.99
CHERRYST_13_KV_LD 356241	47.14 2.11 -11.92	34.09 2.10 0.00	39.99 2.37 0.00	37.04 2.24 0.00	37.28 2.18 0.00	37.11 2.29 0.00	40.39 2.61 -0.01	46.08 2.69 -8.24	51.75 2.50 -19.08	53.62 2.30 -24.56	53.22 2.83 -18.16	72.52 2.93 -36.90	70.09 2.65 -36.81	78.18 2.78 -40.37	55.08 2.41 -22.36	52.92 2.45 -20.31	52.42 2.70 -17.05	53.52 3.46 -9.02	56.38 4.19 -1.67	51.65 3.35 -8.03	53.13 3.85 0.00	51.88 3.32 -5.24	50.71 2.67 -12.09	49.32 2.40 -14.82

CHESTROR_138KV_BK263 355645	34.29 1.19 0.00	33.20 1.21 0.00	38.98 1.37 0.00	36.07 1.27 0.00	36.31 1.20 0.00	36.10 1.27 0.00	39.22 1.44 0.00	36.67 1.52 0.00	31.65 1.47 0.00	28.14 1.38 0.00	33.91 1.67 0.00	34.43 1.75 0.00	32.18 1.56 0.00	36.62 1.58 0.00	31.70 1.38 0.00	31.65 1.50 0.00	34.30 1.64 0.00	43.12 2.08 0.00	53.11 2.58 0.00	42.30 2.04 0.00	51.51 2.24 0.00	45.26 1.94 0.00	37.47 1.52 0.00	33.49 1.39 0.00
CH_MIDHUDSON___DRP 24192	34.65 1.54 0.00	33.53 1.54 0.00	39.36 1.74 0.00	36.43 1.63 0.00	36.67 1.56 0.00	36.46 1.64 0.00	39.69 1.91 0.00	37.09 1.94 0.00	32.02 1.85 0.00	28.50 1.75 0.00	34.32 2.09 0.00	34.84 2.17 0.00	32.54 1.92 0.00	37.01 1.98 0.00	32.08 1.76 0.00	31.99 1.84 0.00	34.69 2.03 0.00	43.64 2.60 0.00	53.75 3.22 0.00	42.85 2.59 0.00	52.19 2.92 0.00	45.85 2.53 0.00	37.94 1.99 0.00	33.87 1.78 0.00
CH_MISC_IPPS 23765	34.78 1.67 0.00	33.66 1.66 0.00	39.50 1.89 0.00	36.56 1.76 0.00	36.80 1.70 0.00	36.61 1.78 0.00	39.84 2.06 0.00	37.26 2.11 0.00	32.17 1.99 0.00	28.59 1.84 0.00	34.45 2.22 0.00	34.99 2.31 0.00	32.66 2.04 0.00	37.16 2.13 0.00	32.27 1.95 0.00	32.14 1.99 0.00	34.84 2.17 0.00	43.79 2.75 0.00	53.99 3.46 0.00	43.05 2.77 0.00	52.43 3.16 0.00	46.06 2.73 0.00	38.09 2.14 0.00	34.01 1.91 0.00
CH_RES_BVR_FALLS 23983	32.68 -0.43 0.00	31.56 -0.43 0.00	37.12 -0.49 0.00	34.35 -0.45 0.00	34.83 -0.27 0.00	34.50 -0.33 0.00	37.21 -0.57 0.00	34.68 -0.47 0.00	29.75 -0.43 0.00	26.22 -0.54 0.00	31.49 -0.75 0.00	31.80 -0.87 0.00	29.76 -0.86 0.00	34.31 -0.73 0.00	29.61 -0.71 0.00	29.30 -0.85 0.00	32.03 -0.63 0.00	40.26 -0.78 0.00	49.16 -1.37 0.00	39.30 -0.97 0.00	48.29 -0.98 0.00	42.45 -0.87 0.00	35.25 -0.70 0.00	31.40 -0.70 0.00
CH_RES_NIAGARA 23895	30.00 -3.11 0.00	28.79 -3.20 0.00	33.89 -3.72 0.00	31.22 -3.58 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.25 -3.53 0.00	31.22 -3.55 0.38	19.61 -2.66 7.91	14.97 -2.22 9.57	21.43 -2.28 8.53	21.53 -2.46 8.69	19.70 -2.25 8.67	23.71 -2.33 8.99	20.96 -1.85 7.50	22.59 -2.01 5.56	26.73 -2.64 3.30	24.77 -3.37 12.90	31.94 -4.01 14.57	33.02 -3.36 3.89	45.73 -3.54 0.00	40.16 -3.16 0.00	32.89 -2.57 0.49	28.38 -2.76 0.96
CH_RES_SYRACUSE 23985	32.81 -0.30 0.00	31.68 -0.31 0.00	37.27 -0.34 0.00	34.46 -0.34 0.00	34.78 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.29 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.53 -0.22 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.18 0.00	40.83 -0.21 0.00	50.39 -0.13 0.00	40.06 -0.21 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00
CLINTON_WT_PWR 323605	33.44 0.33 0.00	32.01 0.01 0.00	37.57 -0.05 0.00	34.65 -0.14 0.00	35.10 -0.01 0.00	34.87 0.04 0.00	37.51 -0.27 0.00	34.74 -0.41 0.00	29.38 -0.80 0.00	25.85 -0.91 0.00	31.09 -1.14 0.00	31.65 -1.03 0.00	29.73 -0.90 0.00	34.28 -0.75 0.00	29.37 -0.95 0.00	4.34 -1.36 24.45	22.87 -1.01 8.78	40.05 -0.99 0.00	49.28 -1.24 0.00	33.57 -1.39 5.31	48.10 -1.17 0.00	42.61 -0.72 0.00	35.31 -0.64 0.00	31.43 -0.67 0.00
CLINTON___LFGE 323618	33.81 0.70 0.00	32.35 0.36 0.00	37.95 0.34 0.00	34.99 0.19 0.00	35.44 0.33 0.00	35.25 0.42 0.00	37.93 0.15 0.00	35.18 0.03 0.00	29.71 -0.46 0.00	26.09 -0.67 0.00	31.32 -0.92 0.00	31.91 -0.77 0.00	30.06 -0.56 0.00	34.60 -0.44 0.00	29.70 -0.62 0.00	4.04 -1.16 24.96	22.83 -0.87 8.97	40.35 -0.69 0.00	49.73 -0.79 0.00	33.89 -0.96 5.42	48.69 -0.58 0.00	43.14 -0.18 0.00	35.77 -0.17 0.00	31.80 -0.29 0.00
COBBLENY_34_KV_TB1 80064	32.49 -0.62 0.00	31.36 -0.63 0.00	36.94 -0.67 0.00	34.07 -0.72 0.00	34.62 -0.48 0.00	34.30 -0.53 0.00	37.38 -0.40 0.00	34.61 -0.39 0.16	26.74 -0.04 3.40	22.71 0.08 4.13	28.94 0.39 3.69	29.10 0.19 3.76	26.91 0.03 3.75	31.34 0.10 3.80	27.61 0.46 3.16	28.25 0.44 2.34	32.97 0.14 -0.17	36.72 0.12 4.44	45.00 0.39 5.92	38.39 -0.35 1.53	49.20 -0.07 0.00	42.94 -0.38 0.00	35.51 -0.24 0.19	31.47 -0.25 0.38
COFFEEN___115KV_TB3 355620	32.17 -0.94 0.00	31.02 -0.97 0.00	36.54 -1.08 0.00	33.67 -1.13 0.00	34.20 -0.91 0.00	34.39 -0.44 0.00	37.22 -0.56 0.00	34.52 -0.63 0.00	29.76 -0.42 0.00	26.05 -0.71 0.00	31.44 -0.80 0.00	30.76 -1.91 0.00	28.37 -2.25 0.00	32.25 -2.78 0.00	27.84 -2.48 0.00	29.15 -2.04 -1.04	30.71 -2.33 -0.37	39.55 -1.49 0.00	49.73 -0.80 0.00	39.96 -0.54 -0.22	48.78 -0.49 0.00	42.60 -0.73 0.00	35.18 -0.77 0.00	31.18 -0.91 0.00
COLDSPRG_115KV_BK1 355956	32.69 -0.42 0.00	31.41 -0.58 0.00	37.12 -0.49 0.00	34.05 -0.74 0.00	34.51 -0.60 0.00	34.33 -0.49 0.00	37.44 -0.34 0.00	34.58 -0.36 0.21	25.78 0.09 4.49	21.30 -0.01 5.45	27.80 0.42 4.86	27.20 -0.26 5.21	24.91 -0.42 5.29	29.24 -0.43 5.37	25.82 -0.03 4.47	26.74 -0.10 3.31	34.80 -0.52 -2.65	35.72 -0.61 4.71	41.71 -0.42 8.40	37.24 -0.85 2.18	49.24 -0.03 0.00	42.92 -0.40 0.00	35.46 -0.23 0.26	31.23 -0.36 0.50
COLONIE_LFGE___ 323577	34.10 0.99 0.00	32.92 0.93 0.00	38.69 1.08 0.00	35.75 0.95 0.00	36.05 0.94 0.00	35.79 0.96 0.00	38.89 1.11 0.00	36.23 1.08 0.00	31.06 0.88 0.00	27.48 0.72 0.00	33.06 0.83 0.00	33.55 0.87 0.00	31.44 0.82 0.00	35.98 0.95 0.00	31.20 0.88 0.00	31.12 0.96 0.00	33.69 1.02 0.00	42.48 1.44 0.00	52.38 1.85 0.00	41.72 1.45 0.00	50.89 1.62 0.00	44.73 1.40 0.00	37.11 1.16 0.00	33.12 1.03 0.00
COOPERNY_115KV_TB1 80082	33.94 0.83 0.00	32.86 0.88 0.00	38.61 1.00 0.00	35.73 0.93 0.00	35.98 0.87 0.00	35.74 0.92 0.00	38.82 1.04 0.00	36.29 1.14 0.00	31.30 1.12 0.00	27.88 1.12 0.00	33.63 1.40 0.00	34.12 1.44 0.00	31.88 1.26 0.00	36.33 1.30 0.00	31.34 1.02 0.00	31.23 1.08 0.00	33.86 1.20 0.00	42.54 1.50 0.00	52.40 1.87 0.00	41.74 1.47 0.00	50.88 1.60 0.00	44.72 1.40 0.00	37.05 1.10 0.00	33.10 1.01 0.00
COPENHAGEN_WT_PWR 323753	31.60 -1.51 0.00	30.48 -1.51 0.00	35.90 -1.71 0.00	33.10 -1.70 0.00	33.65 -1.46 0.00	33.82 -1.00 0.00	36.50 -1.28 0.00	33.94 -1.21 0.00	29.34 -0.83 0.00	25.66 -1.10 0.00	30.85 -1.39 0.00	30.43 -2.25 0.00	28.08 -2.55 0.00	31.94 -3.09 0.00	27.57 -2.75 0.00	28.74 -2.40 -0.98	30.38 -2.64 -0.35	38.82 -2.22 0.00	48.62 -1.91 0.00	39.07 -1.41 -0.21	47.67 -1.60 0.00	41.66 -1.67 0.00	34.42 -1.53 0.00	30.56 -1.54 0.00
CORNELL_____ 23752	33.32 0.21 0.00	32.17 0.18 0.00	37.89 0.27 0.00	35.05 0.25 0.00	35.38 0.27 0.00	35.10 0.27 0.00	38.28 0.50 0.00	35.77 0.47 -0.15	33.45 0.25 -3.02	30.50 0.11 -3.64	35.47 0.01 -3.23	35.83 -0.11 -3.26	34.00 0.14 -3.24	38.79 0.39 -3.36	33.15 0.00 -2.83	32.23 -0.02 -2.10	34.16 0.25 -1.24	46.32 0.41 -4.87	56.99 0.95 -5.52	42.45 0.71 -1.48	50.19 0.92 0.00	44.00 0.68 0.00	36.57 0.44 -0.19	32.87 0.41 -0.37

CORONA V_69_KV_TB1 355595	34.54 1.96 0.53	33.84 1.84 0.00	39.59 1.98 0.00	36.75 1.96 0.00	36.97 1.86 0.00	36.89 2.07 0.00	40.01 2.23 0.00	37.01 2.47 0.62	31.38 2.36 1.16	27.83 2.18 1.10	41.35 3.02 -6.10	49.07 3.17 -13.22	52.10 2.83 -18.65	49.86 2.89 -11.94	39.43 2.38 -6.73	34.63 2.37 -2.11	54.04 2.71 -18.66	51.96 3.35 -7.57	54.32 3.87 0.07	43.09 3.18 0.36	52.85 3.57 -0.01	46.32 3.23 0.23	37.92 2.52 0.54	33.82 2.39 0.67
CORTLAND_115KV_TB3 80093	33.18 0.07 0.00	32.07 0.08 0.00	37.75 0.13 0.00	34.90 0.10 0.00	35.21 0.11 0.00	34.94 0.12 0.00	38.05 0.27 0.00	35.42 0.27 0.00	30.36 0.18 0.00	26.84 0.09 0.00	32.31 0.07 0.00	32.77 0.09 0.00	30.72 0.10 0.00	35.28 0.25 0.00	30.42 0.10 0.00	30.30 0.14 0.00	32.88 0.21 0.00	41.41 0.37 0.00	51.20 0.67 0.00	40.69 0.42 0.00	49.81 0.53 0.00	43.69 0.37 0.00	36.20 0.25 0.00	32.32 0.22 0.00
COXSACKIE__GT 23611	34.64 1.53 0.00	33.48 1.49 0.00	39.30 1.69 0.00	36.41 1.61 0.00	36.70 1.59 0.00	36.47 1.64 0.00	39.67 1.89 0.00	36.85 1.70 0.00	31.61 1.43 0.00	27.94 1.18 0.00	33.09 0.86 0.00	33.70 1.02 0.00	31.68 1.06 0.00	36.55 1.52 0.00	31.68 1.36 0.00	31.73 1.57 0.00	33.73 1.06 0.00	43.12 2.08 0.00	53.24 2.71 0.00	42.72 2.45 0.00	52.15 2.87 0.00	45.76 2.43 0.00	37.90 1.95 0.00	33.80 1.70 0.00
CPV_VALLEY__CC1 323721	34.07 0.96 0.00	32.98 0.99 0.00	38.72 1.11 0.00	35.84 1.04 0.00	36.07 0.97 0.00	35.86 1.03 0.00	38.96 1.18 0.00	36.41 1.27 0.00	31.41 1.24 0.00	27.93 1.17 0.00	33.66 1.42 0.00	34.19 1.51 0.00	31.97 1.35 0.00	36.39 1.36 0.00	31.50 1.18 0.00	31.41 1.25 0.00	34.05 1.39 0.00	42.79 1.76 0.00	52.67 2.14 0.00	41.95 1.69 0.00	51.09 1.82 0.00	44.90 1.57 0.00	37.19 1.24 0.00	33.25 1.15 0.00
CPV_VALLEY__CC2 323722	34.07 0.96 0.00	32.98 0.99 0.00	38.72 1.11 0.00	35.84 1.04 0.00	36.07 0.97 0.00	35.86 1.03 0.00	38.96 1.18 0.00	36.41 1.27 0.00	31.41 1.24 0.00	27.93 1.17 0.00	33.66 1.42 0.00	34.19 1.51 0.00	31.97 1.35 0.00	36.39 1.36 0.00	31.50 1.18 0.00	31.41 1.25 0.00	34.05 1.39 0.00	42.79 1.76 0.00	52.67 2.14 0.00	41.95 1.69 0.00	51.09 1.82 0.00	44.90 1.57 0.00	37.19 1.24 0.00	33.25 1.15 0.00
CRESCENT__HYD 24018	34.10 0.99 0.00	32.92 0.93 0.00	38.69 1.08 0.00	35.75 0.95 0.00	36.05 0.94 0.00	35.79 0.96 0.00	38.89 1.11 0.00	36.23 1.08 0.00	31.06 0.88 0.00	27.48 0.72 0.00	33.06 0.83 0.00	33.55 0.87 0.00	31.44 0.82 0.00	35.98 0.95 0.00	31.20 0.88 0.00	31.12 0.96 0.00	33.69 1.02 0.00	42.48 1.44 0.00	52.38 1.85 0.00	41.72 1.45 0.00	50.89 1.62 0.00	44.73 1.40 0.00	37.11 1.16 0.00	33.12 1.03 0.00
CRICKET__VALLEY_CC1 323756	34.43 1.32 0.00	33.30 1.31 0.00	39.09 1.47 0.00	36.16 1.37 0.00	36.41 1.31 0.00	36.21 1.38 0.00	39.40 1.62 0.00	36.80 1.64 0.00	31.80 1.63 0.00	28.35 1.59 0.00	34.11 1.87 0.00	34.59 1.92 0.00	32.31 1.69 0.00	36.73 1.70 0.00	31.80 1.48 0.00	31.74 1.58 0.00	34.46 1.79 0.00	43.36 2.32 0.00	53.40 2.87 0.00	42.58 2.31 0.00	51.83 2.56 0.00	45.51 2.18 0.00	37.67 1.73 0.00	33.64 1.55 0.00
CRICKET__VALLEY_CC2 323757	34.43 1.32 0.00	33.30 1.31 0.00	39.09 1.47 0.00	36.16 1.37 0.00	36.41 1.31 0.00	36.21 1.38 0.00	39.40 1.62 0.00	36.80 1.64 0.00	31.80 1.63 0.00	28.35 1.59 0.00	34.11 1.87 0.00	34.59 1.92 0.00	32.31 1.69 0.00	36.73 1.70 0.00	31.80 1.48 0.00	31.74 1.58 0.00	34.46 1.79 0.00	43.36 2.32 0.00	53.40 2.87 0.00	42.58 2.31 0.00	51.83 2.56 0.00	45.51 2.18 0.00	37.67 1.73 0.00	33.64 1.55 0.00
CRICKET__VALLEY_CC3 323758	34.43 1.32 0.00	33.30 1.31 0.00	39.09 1.47 0.00	36.16 1.37 0.00	36.41 1.31 0.00	36.21 1.38 0.00	39.40 1.62 0.00	36.80 1.64 0.00	31.80 1.63 0.00	28.35 1.59 0.00	34.11 1.87 0.00	34.59 1.92 0.00	32.31 1.69 0.00	36.73 1.70 0.00	31.80 1.48 0.00	31.74 1.58 0.00	34.46 1.79 0.00	43.36 2.32 0.00	53.40 2.87 0.00	42.58 2.31 0.00	51.83 2.56 0.00	45.51 2.18 0.00	37.67 1.73 0.00	33.64 1.55 0.00
CRUCIBLE_METL_DRP 24180	32.81 -0.30 0.00	31.69 -0.31 0.00	37.27 -0.34 0.00	34.45 -0.34 0.00	34.79 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.28 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.52 -0.23 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.19 0.00	40.82 -0.21 0.00	50.39 -0.13 0.00	40.05 -0.22 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00
DAHOWA__HYDRO 323763	34.71 1.60 0.00	33.46 1.47 0.00	39.33 1.72 0.00	36.14 1.34 0.00	36.50 1.39 0.00	36.31 1.48 0.00	39.64 1.86 0.00	37.00 1.85 0.00	31.58 1.41 0.00	27.65 0.89 0.00	33.16 0.92 0.00	33.73 1.05 0.00	31.63 1.00 0.00	36.30 1.27 0.00	31.44 1.12 0.00	31.37 1.21 0.00	34.07 1.41 0.00	43.06 2.02 0.00	53.13 2.60 0.00	42.37 2.11 0.00	51.70 2.42 0.00	45.35 2.03 0.00	37.58 1.63 0.00	33.50 1.41 0.00
DANC__LFGE 323619	31.89 -1.22 0.00	30.78 -1.21 0.00	36.22 -1.39 0.00	33.42 -1.38 0.00	33.87 -1.24 0.00	33.86 -0.97 0.00	36.63 -1.15 0.00	34.03 -1.12 0.00	29.36 -0.82 0.00	25.84 -0.91 0.00	31.13 -1.11 0.00	30.96 -1.71 0.00	28.76 -1.86 0.00	32.80 -2.23 0.00	28.36 -1.96 0.00	29.08 -1.73 -0.66	30.97 -1.93 -0.24	39.26 -1.78 0.00	48.93 -1.59 0.00	39.19 -1.22 -0.14	47.86 -1.41 0.00	41.93 -1.39 0.00	34.69 -1.26 0.00	30.87 -1.22 0.00
DANSKAMMER__1 23586	34.78 1.67 0.00	33.66 1.66 0.00	39.50 1.89 0.00	36.56 1.76 0.00	36.80 1.70 0.00	36.61 1.78 0.00	39.84 2.06 0.00	37.26 2.11 0.00	32.17 1.99 0.00	28.59 1.84 0.00	34.45 2.22 0.00	34.99 2.31 0.00	32.66 2.04 0.00	37.16 2.13 0.00	32.27 1.95 0.00	32.14 1.99 0.00	34.84 2.17 0.00	43.79 2.75 0.00	53.99 3.46 0.00	43.05 2.77 0.00	52.43 3.16 0.00	46.06 2.73 0.00	38.09 2.14 0.00	34.01 1.91 0.00
DANSKAMMER__2 23589	34.78 1.67 0.00	33.66 1.66 0.00	39.50 1.89 0.00	36.56 1.76 0.00	36.80 1.70 0.00	36.61 1.78 0.00	39.84 2.06 0.00	37.26 2.11 0.00	32.17 1.99 0.00	28.59 1.84 0.00	34.45 2.22 0.00	34.99 2.31 0.00	32.66 2.04 0.00	37.16 2.13 0.00	32.27 1.95 0.00	32.14 1.99 0.00	34.84 2.17 0.00	43.79 2.75 0.00	53.99 3.46 0.00	43.05 2.77 0.00	52.43 3.16 0.00	46.06 2.73 0.00	38.09 2.14 0.00	34.01 1.91 0.00
DANSKAMMER__3 23590	34.78 1.67 0.00	33.66 1.66 0.00	39.50 1.89 0.00	36.56 1.76 0.00	36.80 1.70 0.00	36.61 1.78 0.00	39.84 2.06 0.00	37.26 2.11 0.00	32.17 1.99 0.00	28.59 1.84 0.00	34.45 2.22 0.00	34.99 2.31 0.00	32.66 2.04 0.00	37.16 2.13 0.00	32.27 1.95 0.00	32.14 1.99 0.00	34.84 2.17 0.00	43.79 2.75 0.00	53.99 3.46 0.00	43.05 2.77 0.00	52.43 3.16 0.00	46.06 2.73 0.00	38.09 2.14 0.00	34.01 1.91 0.00

DANSKAMMER___4 23591	34.78 1.67 0.00	33.66 1.66 0.00	39.50 1.89 0.00	36.56 1.76 0.00	36.80 1.70 0.00	36.61 1.78 0.00	39.84 2.06 0.00	37.26 2.11 0.00	32.17 1.99 0.00	28.59 1.84 0.00	34.45 2.22 0.00	34.99 2.31 0.00	32.66 2.04 0.00	37.16 2.13 0.00	32.27 1.95 0.00	32.14 1.99 0.00	34.84 2.17 0.00	43.79 2.75 0.00	53.99 3.46 0.00	43.05 2.77 0.00	52.43 3.16 0.00	46.06 2.73 0.00	38.09 2.14 0.00	34.01 1.91 0.00
DANSKAMMER___DIESEL 23592	34.78 1.67 0.00	33.66 1.66 0.00	39.50 1.89 0.00	36.56 1.76 0.00	36.80 1.70 0.00	36.61 1.78 0.00	39.84 2.06 0.00	37.26 2.11 0.00	32.17 1.99 0.00	28.60 1.85 0.00	34.46 2.22 0.00	34.99 2.31 0.00	32.66 2.03 0.00	37.16 2.13 0.00	32.27 1.95 0.00	32.14 1.99 0.00	34.84 2.17 0.00	43.79 2.75 0.00	54.00 3.47 0.00	43.05 2.78 0.00	52.44 3.16 0.00	46.05 2.73 0.00	38.08 2.13 0.00	34.01 1.91 0.00
DARBY___SOLAR 323810	34.65 1.54 0.00	33.42 1.43 0.00	39.29 1.68 0.00	36.13 1.34 0.00	36.48 1.37 0.00	36.27 1.44 0.00	39.58 1.80 0.00	36.92 1.77 0.00	31.53 1.36 0.00	27.63 0.87 0.00	33.15 0.91 0.00	33.72 1.04 0.00	31.60 0.98 0.00	36.30 1.26 0.00	31.42 1.10 0.00	31.37 1.21 0.00	34.05 1.38 0.00	43.00 1.96 0.00	53.07 2.55 0.00	42.32 2.06 0.00	51.64 2.37 0.00	45.31 1.99 0.00	37.56 1.61 0.00	33.49 1.39 0.00
DASHVILLE___HYD 23610	34.50 1.39 0.00	33.40 1.41 0.00	39.22 1.60 0.00	36.31 1.51 0.00	36.53 1.42 0.00	36.31 1.49 0.00	39.49 1.72 0.00	36.93 1.78 0.00	31.88 1.70 0.00	28.38 1.63 0.00	34.14 1.91 0.00	34.70 2.03 0.00	32.41 1.78 0.00	36.82 1.78 0.00	31.89 1.57 0.00	31.82 1.67 0.00	34.54 1.87 0.00	43.42 2.38 0.00	53.47 2.95 0.00	42.64 2.37 0.00	51.96 2.69 0.00	45.64 2.32 0.00	37.78 1.83 0.00	33.74 1.64 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	33.46 0.89 0.53	32.87 0.88 0.00	38.46 0.84 0.00	36.41 1.61 0.00	36.68 1.57 0.00	37.53 2.70 0.00	40.62 2.83 0.00	37.16 2.62 0.62	30.88 1.86 1.16	27.14 1.48 1.10	33.48 2.64 1.39	32.93 3.15 2.90	29.85 2.54 3.32	34.21 2.13 2.96	30.37 1.70 1.65	30.19 1.35 1.31	32.00 1.69 2.35	42.21 2.20 1.04	53.45 3.00 0.07	42.09 2.18 0.36	52.18 2.91 0.00	45.95 2.87 0.23	37.22 1.81 0.54	32.95 1.52 0.67
DELAWARE___LFGE 323621	33.81 0.70 0.00	32.75 0.76 0.00	38.58 0.96 0.00	35.70 0.90 0.00	35.93 0.82 0.00	35.60 0.77 0.00	38.76 0.98 0.00	36.18 1.03 0.00	31.09 0.91 0.00	27.54 0.78 0.00	33.13 0.90 0.00	33.58 0.90 0.00	31.45 0.83 0.00	35.95 0.92 0.00	31.17 0.85 0.00	31.07 0.92 0.00	33.59 0.92 0.00	42.19 1.15 0.00	52.12 1.60 0.00	41.43 1.16 0.00	50.51 1.25 0.00	44.43 1.11 0.00	36.80 0.85 0.00	32.88 0.79 0.00
DERFIELD_115KV_TB7 355931	33.11 0.00 0.00	32.02 0.03 0.00	37.66 0.04 0.00	34.86 0.07 0.00	35.14 0.04 0.00	34.87 0.04 0.00	37.85 0.07 0.00	35.25 0.10 0.00	30.26 0.09 0.00	26.80 0.05 0.00	32.26 0.03 0.00	32.72 0.04 0.00	30.66 0.04 0.00	35.02 -0.02 0.00	30.35 0.03 0.00	30.23 0.08 0.00	32.73 0.07 0.00	41.15 0.11 0.00	50.65 0.12 0.00	40.41 0.14 0.00	49.38 0.11 0.00	43.41 0.08 0.00	36.00 0.05 0.00	32.16 0.06 0.00
DOGLEVILLE___HYD 23807	33.03 -0.07 0.00	32.06 0.07 0.00	37.78 0.16 0.00	35.15 0.36 0.00	35.31 0.21 0.00	34.87 0.05 0.00	38.25 0.47 0.00	35.64 0.49 0.00	29.77 -0.41 0.00	25.68 -1.08 0.00	30.60 -1.64 0.00	31.21 -1.47 0.00	30.39 -0.23 0.00	33.71 -1.32 0.00	30.03 -0.29 0.00	30.75 0.59 0.00	31.74 -0.93 0.00	40.54 -0.50 0.00	50.70 0.17 0.00	40.77 0.50 0.00	49.64 0.37 0.00	43.65 0.33 0.00	36.11 0.16 0.00	32.20 0.10 0.00
DUNKIRK___115KV_TB_200 55889	31.92 -1.19 0.00	30.66 -1.33 0.00	36.27 -1.34 0.00	33.21 -1.59 0.00	33.57 -1.54 0.00	33.41 -1.42 0.00	36.35 -1.43 0.00	33.28 -1.45 0.42	20.57 -0.80 8.81	15.22 -0.87 10.67	22.12 -0.60 9.51	20.75 -1.61 10.32	18.38 -1.75 10.50	22.40 -1.89 10.73	19.86 -1.51 8.95	21.91 -1.61 6.64	24.38 -2.14 6.14	21.52 -2.67 16.86	30.50 -3.04 16.99	33.12 -2.70 4.45	47.75 -1.52 0.00	41.66 -1.67 0.00	34.18 -1.26 0.51	29.77 -1.31 1.01
DUNKIRK___1 23563	31.92 -1.19 0.00	30.66 -1.33 0.00	36.27 -1.34 0.00	33.21 -1.59 0.00	33.57 -1.54 0.00	33.41 -1.42 0.00	36.35 -1.43 0.00	33.28 -1.45 0.42	20.57 -0.80 8.81	15.22 -0.87 10.67	22.12 -0.60 9.51	20.75 -1.61 10.32	18.38 -1.75 10.50	22.40 -1.89 10.73	19.86 -1.51 8.95	21.91 -1.61 6.64	24.38 -2.14 6.14	21.52 -2.67 16.86	30.50 -3.04 16.99	33.12 -2.70 4.45	47.75 -1.52 0.00	41.66 -1.67 0.00	34.18 -1.26 0.51	29.77 -1.31 1.01
DUNKIRK___2 23564	31.92 -1.19 0.00	30.66 -1.33 0.00	36.27 -1.34 0.00	33.21 -1.59 0.00	33.57 -1.54 0.00	33.41 -1.42 0.00	36.35 -1.43 0.00	33.28 -1.45 0.42	20.57 -0.80 8.81	15.22 -0.87 10.67	22.12 -0.60 9.51	20.75 -1.61 10.32	18.38 -1.75 10.50	22.40 -1.89 10.73	19.86 -1.51 8.95	21.91 -1.61 6.64	24.38 -2.14 6.14	21.52 -2.67 16.86	30.50 -3.04 16.99	33.12 -2.70 4.45	47.75 -1.52 0.00	41.66 -1.67 0.00	34.18 -1.26 0.51	29.77 -1.31 1.01
DUNKIRK___3 23565	31.78 -1.33 0.00	30.53 -1.46 0.00	36.09 -1.53 0.00	33.10 -1.70 0.00	33.49 -1.62 0.00	33.31 -1.51 0.00	36.24 -1.54 0.00	33.14 -1.57 0.44	19.92 -0.93 9.33	14.53 -0.92 11.30	21.47 -0.69 10.07	20.00 -1.58 11.10	17.58 -1.67 11.37	21.61 -1.80 11.62	19.20 -1.43 9.69	21.44 -1.53 7.18	24.76 -2.04 5.86	20.74 -2.56 17.74	29.20 -2.94 18.39	32.83 -2.62 4.82	47.67 -1.60 0.00	41.65 -1.68 0.00	34.11 -1.29 0.55	29.68 -1.35 1.07
DUNKIRK___4 23566	31.78 -1.33 0.00	30.53 -1.46 0.00	36.09 -1.53 0.00	33.10 -1.70 0.00	33.49 -1.62 0.00	33.31 -1.51 0.00	36.24 -1.54 0.00	33.14 -1.57 0.44	19.92 -0.93 9.33	14.53 -0.92 11.30	21.47 -0.69 10.07	20.00 -1.58 11.10	17.58 -1.67 11.37	21.61 -1.80 11.62	19.20 -1.43 9.69	21.44 -1.53 7.18	24.76 -2.04 5.86	20.74 -2.56 17.74	29.20 -2.94 18.39	32.83 -2.62 4.82	47.67 -1.60 0.00	41.65 -1.68 0.00	34.11 -1.29 0.55	29.68 -1.35 1.07
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.93 1.81 0.00	33.81 1.81 0.00	39.66 2.04 0.00	36.72 1.93 0.00	36.96 1.86 0.00	36.78 1.95 0.00	40.01 2.23 0.00	37.44 2.29 0.00	32.33 2.16 0.00	28.76 2.00 0.00	34.71 2.47 0.00	35.25 2.57 0.00	32.93 2.31 0.00	37.40 2.37 0.00	32.39 2.08 0.00	32.27 2.12 0.00	35.03 2.36 0.00	44.05 3.01 0.00	54.19 3.67 0.00	43.19 2.92 0.00	52.61 3.34 0.00	46.21 2.89 0.00	38.25 2.30 0.00	34.17 2.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.52 1.41 0.00	33.41 1.42 0.00	39.22 1.61 0.00	36.31 1.51 0.00	36.54 1.43 0.00	36.35 1.52 0.00	39.51 1.73 0.00	36.95 1.80 0.00	31.90 1.72 0.00	28.36 1.61 0.00	34.16 1.93 0.00	34.70 2.02 0.00	32.41 1.78 0.00	36.86 1.83 0.00	31.94 1.62 0.00	31.87 1.72 0.00	34.57 1.91 0.00	43.42 2.38 0.00	53.51 2.99 0.00	42.66 2.39 0.00	51.95 2.68 0.00	45.63 2.31 0.00	37.76 1.81 0.00	33.73 1.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.37 1.92 -0.34	33.93 1.94 0.00	39.76 2.15 0.00	36.83 2.03 0.00	37.07 1.97 0.00	36.90 2.08 0.00	40.18 2.39 -0.01	37.96 2.41 -0.40	33.15 2.24 -0.74	29.51 2.05 -0.70	35.34 2.59 -0.51	36.40 2.67 -1.06	39.84 2.40 -6.81	55.87 2.52 -18.32	36.38 2.11 -3.95	32.90 2.15 -0.60	51.19 2.38 -16.15	53.42 3.06 -9.31	56.01 3.77 -1.72	50.33 3.01 -7.05	52.79 3.51 -0.01	46.55 3.02 -0.21	38.72 2.42 -0.36	34.74 2.22 -0.43
E179THST_13_KV_LOAD 356214	35.51 2.06 -0.34	34.06 2.06 0.00	39.91 2.30 0.00	36.94 2.14 0.00	37.20 2.09 0.00	37.04 2.21 0.00	40.33 2.55 -0.01	38.11 2.56 -0.40	33.28 2.37 -0.74	29.63 2.17 -0.70	35.50 2.75 -0.51	36.56 2.82 -1.06	39.98 2.55 -6.81	56.04 2.69 -18.32	36.52 2.25 -3.95	33.05 2.30 -0.60	51.35 2.54 -16.15	53.62 3.27 -9.31	56.26 4.01 -1.72	50.52 3.20 -7.05	53.03 3.75 -0.01	46.77 3.23 -0.21	38.89 2.58 -0.36	34.88 2.35 -0.43
EAST HAMPTON___GT 23717	32.83 0.26 0.53	32.32 0.33 0.00	37.88 0.27 0.00	36.23 1.43 0.00	36.39 1.28 0.00	37.66 2.84 0.00	40.80 3.02 0.00	36.92 2.38 0.62	30.28 1.26 1.16	26.59 0.94 1.10	32.97 2.12 1.39	32.66 2.87 2.90	29.49 2.19 3.32	33.50 1.42 2.96	29.83 1.16 1.65	29.59 0.74 1.31	31.29 0.98 2.35	41.33 1.33 1.04	52.42 1.97 0.07	41.32 1.41 0.36	51.60 2.33 0.00	45.51 2.42 0.23	36.65 1.24 0.54	32.26 0.83 0.67
EAST RIVER___6 23660	47.27 2.10 -12.06	34.07 2.08 0.00	39.96 2.35 0.00	37.01 2.21 0.00	37.25 2.15 0.00	37.08 2.26 0.00	40.36 2.58 -0.01	46.19 2.63 -8.41	52.01 2.45 -19.38	53.86 2.26 -24.85	53.39 2.78 -18.37	72.91 2.90 -37.34	70.49 2.61 -37.25	78.62 2.74 -40.85	55.30 2.36 -22.62	53.11 2.41 -20.55	52.58 2.66 -17.25	53.57 3.41 -9.13	56.35 4.14 -1.69	51.70 3.31 -8.13	53.09 3.81 0.00	51.92 3.29 -5.30	50.83 2.65 -12.23	49.48 2.38 -15.00
EAST RIVER___7 23524	47.27 2.10 -12.06	34.07 2.08 0.00	39.96 2.35 0.00	37.01 2.21 0.00	37.25 2.15 0.00	37.08 2.26 0.00	40.36 2.58 -0.01	46.19 2.63 -8.41	52.01 2.45 -19.38	53.86 2.26 -24.85	53.39 2.78 -18.37	72.91 2.90 -37.34	70.49 2.61 -37.25	78.62 2.74 -40.85	55.30 2.36 -22.62	53.11 2.41 -20.55	52.58 2.66 -17.25	53.57 3.41 -9.13	56.35 4.14 -1.69	51.70 3.31 -8.13	53.09 3.81 0.00	51.92 3.29 -5.30	50.83 2.65 -12.23	49.48 2.38 -15.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.11 1.71 -0.29	33.71 1.71 0.00	39.54 1.93 0.00	36.61 1.82 0.00	36.85 1.75 0.00	36.67 1.85 0.00	39.88 2.10 0.00	37.65 2.17 -0.33	32.84 2.04 -0.62	29.26 1.91 -0.59	35.02 2.34 -0.44	36.01 2.44 -0.89	33.71 2.20 -0.88	38.27 2.27 -0.97	32.82 1.96 -0.54	32.67 2.03 -0.49	35.32 2.25 -0.41	44.13 2.87 -0.22	54.07 3.51 -0.04	43.25 2.79 -0.19	52.44 3.17 0.00	46.19 2.74 -0.13	38.41 2.17 -0.29	34.42 1.97 -0.35
EAST_HAMPTON___DIESEL 23722	32.73 0.15 0.53	32.23 0.24 0.00	37.78 0.16 0.00	36.18 1.38 0.00	36.32 1.21 0.00	37.66 2.83 0.00	40.79 3.01 0.00	36.85 2.32 0.62	30.17 1.15 1.16	26.50 0.85 1.10	32.87 2.03 1.39	32.59 2.81 2.90	29.42 2.11 3.32	33.37 1.30 2.96	29.74 1.07 1.65	29.49 0.64 1.31	31.17 0.86 2.35	41.19 1.19 1.04	52.25 1.79 0.07	41.16 1.26 0.36	51.48 2.21 0.00	45.42 2.33 0.23	36.54 1.14 0.54	32.15 0.72 0.67
EAST_POINT___SOLAR 323840	34.91 1.80 0.00	33.71 1.72 0.00	39.67 2.06 0.00	36.72 1.92 0.00	37.11 2.00 0.00	36.89 2.07 0.00	40.20 2.42 0.00	36.81 1.66 0.00	30.53 0.35 0.00	26.49 -0.27 0.00	32.19 -0.04 0.00	32.56 -0.11 0.00	31.28 0.66 0.00	34.94 -0.09 0.00	31.05 0.73 0.00	31.57 1.42 0.00	32.56 -0.11 0.00	42.77 1.73 0.00	53.05 2.53 0.00	42.87 2.60 0.00	52.63 3.36 0.00	46.23 2.91 0.00	38.23 2.28 0.00	34.01 1.91 0.00
EAST_PULASKI___ESR 323781	32.22 -0.89 0.00	31.12 -0.87 0.00	36.60 -1.02 0.00	33.78 -1.02 0.00	34.16 -0.95 0.00	33.98 -0.85 0.00	36.84 -0.94 0.00	34.21 -0.94 0.00	29.44 -0.74 0.00	26.07 -0.69 0.00	31.44 -0.80 0.00	31.52 -1.16 0.00	29.45 -1.17 0.00	33.68 -1.35 0.00	29.15 -1.17 0.00	29.09 -1.06 0.00	31.48 -1.19 0.00	39.75 -1.29 0.00	49.33 -1.20 0.00	39.32 -0.95 0.00	48.15 -1.12 0.00	42.28 -1.05 0.00	35.00 -0.95 0.00	31.24 -0.86 0.00
EAST_RIVER___1 323558	47.01 2.03 -11.87	34.01 2.01 0.00	39.90 2.28 0.00	36.94 2.14 0.00	37.18 2.08 0.00	37.01 2.18 0.00	40.28 2.50 -0.01	45.90 2.56 -8.19	51.55 2.39 -18.98	53.42 2.19 -24.47	53.03 2.70 -18.09	72.27 2.82 -36.77	69.85 2.54 -36.68	77.91 2.66 -40.23	54.88 2.29 -22.28	52.73 2.33 -20.24	52.24 2.59 -16.99	53.33 3.31 -8.99	56.21 4.02 -1.66	51.49 3.22 -8.01	52.97 3.69 0.00	51.74 3.19 -5.22	50.56 2.57 -12.04	49.18 2.32 -14.77
EAST_RIVER___2 323559	47.27 2.10 -12.06	34.07 2.08 0.00	39.96 2.35 0.00	37.01 2.21 0.00	37.25 2.15 0.00	37.08 2.26 0.00	40.36 2.58 -0.01	46.19 2.63 -8.41	52.01 2.45 -19.38	53.86 2.26 -24.85	53.39 2.78 -18.37	72.91 2.90 -37.34	70.49 2.61 -37.25	78.62 2.74 -40.85	55.30 2.36 -22.62	53.11 2.41 -20.55	52.58 2.66 -17.25	53.57 3.41 -9.13	56.35 4.14 -1.69	51.70 3.31 -8.13	53.09 3.81 0.00	51.92 3.29 -5.30	50.83 2.65 -12.23	49.48 2.38 -15.00
EAST___DELAWARE_HYD 23607	34.68 1.57 0.00	33.58 1.59 0.00	39.58 1.96 0.00	36.63 1.83 0.00	36.89 1.78 0.00	36.67 1.85 0.00	39.93 2.15 0.00	37.34 2.19 0.00	32.23 2.05 0.00	28.59 1.83 0.00	34.39 2.15 0.00	34.95 2.27 0.00	32.52 1.90 0.00	37.08 2.05 0.00	32.04 1.72 0.00	32.06 1.91 0.00	34.87 2.20 0.00	43.65 2.61 0.00	54.01 3.48 0.00	43.15 2.89 0.00	52.62 3.35 0.00	46.18 2.86 0.00	38.20 2.25 0.00	34.07 1.98 0.00
EIGHT_POINT___WT_PWR 323820	30.50 -2.61 0.00	29.54 -2.45 0.00	35.03 -2.58 0.00	32.36 -2.44 0.00	33.12 -1.99 0.00	33.22 -1.61 0.00	36.21 -1.57 0.00	34.47 -2.10 -1.41	57.55 -1.87 -29.25	59.65 -2.46 -35.35	60.90 -2.83 -31.50	61.59 -2.56 -31.48	59.68 -2.11 -31.16	64.72 -2.65 -32.33	55.20 -2.11 -26.99	47.87 -2.29 -20.00	42.40 -2.55 -12.29	84.52 -3.19 -46.67	99.47 -3.53 -52.47	51.35 -2.94 -14.02	46.20 -3.07 0.00	40.42 -2.90 0.00	35.72 -2.03 -1.80	33.61 -2.02 -3.54
ELBRIDGE_115KV_TB2 80188	32.67 -0.45 0.00	31.51 -0.48 0.00	37.10 -0.51 0.00	34.30 -0.49 0.00	34.63 -0.48 0.00	34.37 -0.45 0.00	37.34 -0.44 0.00	34.64 -0.51 0.00	29.72 -0.46 0.00	26.36 -0.40 0.00	31.78 -0.46 0.00	32.15 -0.53 0.00	30.20 -0.43 0.00	34.58 -0.45 0.00	29.91 -0.40 0.00	29.78 -0.38 0.00	32.27 -0.39 0.00	40.55 -0.50 0.00	50.03 -0.50 0.00	39.84 -0.43 0.00	48.80 -0.47 0.00	42.84 -0.49 0.00	35.48 -0.47 0.00	31.72 -0.37 0.00
ELEC_TRO_TEK 24086	34.36 1.78 0.53	33.66 1.67 0.00	39.40 1.79 0.00	36.58 1.79 0.00	36.80 1.69 0.00	36.74 1.91 0.00	39.86 2.08 0.00	36.87 2.34 0.62	31.26 2.24 1.16	27.70 2.05 1.10	36.96 2.83 -1.89	39.83 2.99 -4.17	39.49 2.65 -6.22	41.29 2.69 -3.57	34.57 2.23 -2.02	32.63 2.21 -0.27	41.93 2.53 -6.74	46.79 3.14 -2.61	54.09 3.63 0.07	42.88 2.98 0.36	52.55 3.28 0.00	46.09 3.00 0.23	37.74 2.33 0.54	33.66 2.23 0.67

ELLENBURG_WT_PWR 323604	33.44 0.33 0.00	32.01 0.01 0.00	37.57 -0.05 0.00	34.65 -0.14 0.00	35.10 -0.01 0.00	34.87 0.04 0.00	37.51 -0.27 0.00	34.74 -0.41 0.00	29.38 -0.80 0.00	25.85 -0.91 0.00	31.09 -1.14 0.00	31.65 -1.03 0.00	29.73 -0.90 0.00	34.28 -0.75 0.00	29.37 -0.95 0.00	4.34 -1.36 24.45	22.87 -1.01 8.78	40.05 -0.99 0.00	49.28 -1.24 0.00	33.57 -1.39 5.31	48.10 -1.17 0.00	42.61 -0.72 0.00	35.31 -0.64 0.00	31.43 -0.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.87 -2.24 0.00	29.66 -2.34 0.00	34.94 -2.67 0.00	32.18 -2.62 0.00	32.74 -2.36 0.00	32.53 -2.30 0.00	35.34 -2.44 0.00	32.11 -2.51 0.53	17.28 -1.69 11.21	11.73 -1.46 13.57	18.73 -1.41 12.10	18.59 -1.69 12.40	16.72 -1.59 12.31	20.87 -1.65 12.51	19.02 -1.31 9.99	21.36 -1.39 7.41	26.06 -1.88 4.72	21.18 -2.46 17.39	28.29 -2.88 19.36	32.64 -2.47 5.16	46.95 -2.32 0.00	41.17 -2.15 0.00	33.55 -1.76 0.64	28.89 -1.95 1.26
EMPIRE_CC_1 323656	34.14 1.03 0.00	32.98 1.00 0.00	38.75 1.13 0.00	35.89 1.09 0.00	36.16 1.05 0.00	35.86 1.03 0.00	38.63 0.85 0.00	35.78 0.63 0.00	30.62 0.45 0.00	27.16 0.40 0.00	32.73 0.49 0.00	33.27 0.59 0.00	31.23 0.60 0.00	35.66 0.63 0.00	30.95 0.63 0.00	30.90 0.75 0.00	33.40 0.74 0.00	42.62 1.58 0.00	52.45 1.93 0.00	41.75 1.48 0.00	50.89 1.62 0.00	44.76 1.43 0.00	37.18 1.23 0.00	33.22 1.12 0.00
EMPIRE_CC_2 323658	34.14 1.03 0.00	32.98 1.00 0.00	38.75 1.13 0.00	35.89 1.09 0.00	36.16 1.05 0.00	35.86 1.03 0.00	38.63 0.85 0.00	35.78 0.63 0.00	30.62 0.45 0.00	27.16 0.40 0.00	32.73 0.49 0.00	33.27 0.59 0.00	31.23 0.60 0.00	35.66 0.63 0.00	30.95 0.63 0.00	30.90 0.75 0.00	33.40 0.74 0.00	42.62 1.58 0.00	52.45 1.93 0.00	41.75 1.48 0.00	50.89 1.62 0.00	44.76 1.43 0.00	37.18 1.23 0.00	33.22 1.12 0.00
ENORWICH_115KV_TB1 80156	33.63 0.52 0.00	32.57 0.59 0.00	38.60 0.99 0.00	36.02 1.22 0.00	36.40 1.30 0.00	35.68 0.85 0.00	39.39 1.61 0.00	37.23 2.00 -0.07	33.15 1.49 -1.48	29.19 0.73 -1.71	33.90 0.17 -1.49	34.03 -0.17 -1.52	32.26 0.12 -1.52	37.39 0.78 -1.58	32.38 0.58 -1.48	31.69 0.43 -1.10	33.83 0.51 -0.65	43.89 0.29 -2.56	56.20 2.77 -2.90	42.31 1.26 -0.78	50.74 1.46 0.00	44.61 1.29 0.00	36.48 0.43 -0.10	32.92 0.63 -0.19
ERIE_ST_34_KV_TB1-2 80199	31.57 -1.54 0.00	30.33 -1.66 0.00	35.74 -1.88 0.00	32.91 -1.89 0.00	33.46 -1.65 0.00	33.24 -1.59 0.00	36.22 -1.62 0.00	33.09 -1.56 0.44	19.93 -1.03 9.21	14.68 -0.90 11.17	21.49 -0.79 9.96	21.44 -1.05 10.19	19.45 -1.01 10.16	23.61 -1.01 10.41	21.00 -0.63 8.68	23.06 -0.65 6.44	27.76 -1.08 3.83	24.75 -1.36 14.93	32.44 -1.52 16.56	34.40 -1.52 4.35	47.94 -1.33 0.00	41.97 -1.35 0.00	34.29 -1.11 0.54	29.70 -1.33 1.07
ERIE_WT_PWR 323693	31.01 -2.10 0.00	29.83 -2.17 0.00	35.16 -2.46 0.00	32.37 -2.42 0.00	32.94 -2.17 0.00	32.73 -2.10 0.00	35.57 -2.21 0.00	32.37 -2.29 0.50	18.23 -1.49 10.45	12.83 -1.26 12.67	19.69 -1.25 11.29	19.48 -1.61 11.59	17.55 -1.51 11.57	21.68 -1.50 11.85	19.32 -1.11 9.88	21.63 -1.20 7.33	26.33 -1.65 4.68	21.71 -2.10 17.23	29.20 -2.52 18.81	33.08 -2.25 4.94	47.19 -2.09 0.00	41.37 -1.96 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21
ESPRGFLD_115KV_TB1 80157	34.28 1.17 0.00	33.13 1.14 0.00	39.07 1.46 0.00	36.17 1.38 0.00	36.52 1.41 0.00	36.20 1.37 0.00	39.46 1.68 0.00	36.73 1.58 0.00	31.26 1.08 0.00	27.56 0.80 0.00	33.17 0.93 0.00	33.51 0.84 0.00	31.51 0.88 0.00	36.09 1.06 0.00	31.28 0.96 0.00	31.35 1.20 0.00	33.61 0.94 0.00	42.48 1.44 0.00	52.48 1.95 0.00	41.99 1.72 0.00	51.42 2.14 0.00	45.19 1.87 0.00	37.35 1.40 0.00	33.31 1.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.28 0.17 0.00	32.14 0.15 0.00	37.85 0.24 0.00	35.02 0.22 0.00	35.35 0.24 0.00	35.06 0.24 0.00	38.23 0.45 0.00	35.69 0.42 -0.12	32.92 0.23 -2.51	29.86 0.09 -3.02	34.91 0.00 -2.68	35.28 -0.10 -2.70	33.42 0.11 -2.69	38.16 0.34 -2.79	32.68 0.00 -2.36	31.89 -0.01 -1.75	33.91 0.21 -1.04	45.46 0.36 -4.06	55.98 0.86 -4.60	42.12 0.62 -1.23	50.09 0.82 0.00	43.92 0.59 0.00	36.47 0.37 -0.16	32.75 0.35 -0.31
ETNA____115KV_TB2 80207	33.28 0.17 0.00	32.14 0.15 0.00	37.85 0.24 0.00	35.02 0.22 0.00	35.35 0.24 0.00	35.06 0.24 0.00	38.23 0.45 0.00	35.69 0.42 -0.12	32.92 0.23 -2.51	29.86 0.09 -3.02	34.91 0.00 -2.68	35.28 -0.10 -2.70	33.42 0.11 -2.69	38.16 0.34 -2.79	32.68 0.00 -2.36	31.89 -0.01 -1.75	33.91 0.21 -1.04	45.46 0.36 -4.06	55.98 0.86 -4.60	42.12 0.62 -1.23	50.09 0.82 0.00	43.92 0.59 0.00	36.47 0.37 -0.16	32.75 0.35 -0.31
EUCLID____115KV_TB2 356179	32.47 -0.64 0.00	31.37 -0.63 0.00	36.89 -0.72 0.00	34.11 -0.69 0.00	34.42 -0.69 0.00	34.16 -0.67 0.00	37.07 -0.71 0.00	34.45 -0.69 0.00	29.67 -0.51 0.00	26.30 -0.45 0.00	31.68 -0.56 0.00	32.06 -0.62 0.00	30.08 -0.55 0.00	34.52 -0.51 0.00	29.90 -0.42 0.00	29.76 -0.40 0.00	32.19 -0.48 0.00	40.44 -0.60 0.00	49.90 -0.63 0.00	39.60 -0.67 0.00	48.47 -0.80 0.00	42.56 -0.76 0.00	35.29 -0.66 0.00	31.53 -0.56 0.00
E_CANADA_CAP_HY 24051	34.52 1.41 0.00	33.34 1.35 0.00	39.27 1.65 0.00	36.33 1.53 0.00	36.74 1.64 0.00	36.46 1.63 0.00	39.68 1.90 0.00	36.75 1.60 0.00	30.94 0.76 0.00	27.11 0.35 0.00	32.62 0.38 0.00	33.02 0.34 0.00	31.19 0.57 0.00	35.60 0.57 0.00	30.94 0.62 0.00	31.32 1.17 0.00	33.20 0.53 0.00	42.23 1.19 0.00	52.18 1.66 0.00	42.05 1.78 0.00	51.63 2.36 0.00	45.46 2.14 0.00	37.60 1.65 0.00	33.49 1.39 0.00
E_CANADA_MHWK_HY 24050	33.03 -0.07 0.00	32.06 0.07 0.00	37.78 0.16 0.00	35.15 0.36 0.00	35.31 0.21 0.00	34.87 0.05 0.00	38.25 0.47 0.00	35.64 0.49 0.00	29.77 -0.41 0.00	25.68 -1.08 0.00	30.60 -1.64 0.00	31.21 -1.47 0.00	30.39 -0.23 0.00	33.71 -1.32 0.00	30.03 -0.29 0.00	30.75 0.59 0.00	31.74 -0.93 0.00	40.54 -0.50 0.00	50.70 0.17 0.00	40.77 0.50 0.00	49.64 0.37 0.00	43.65 0.33 0.00	36.11 0.16 0.00	32.20 0.10 0.00
E_FISHKILL____LBMP 23776	34.54 1.43 0.00	33.43 1.44 0.00	39.24 1.62 0.00	36.32 1.53 0.00	36.56 1.45 0.00	36.35 1.52 0.00	39.53 1.75 0.00	36.96 1.81 0.00	31.91 1.73 0.00	28.40 1.64 0.00	34.22 1.98 0.00	34.74 2.06 0.00	32.46 1.84 0.00	36.92 1.89 0.00	31.97 1.65 0.00	31.87 1.72 0.00	34.57 1.91 0.00	43.48 2.44 0.00	53.52 3.00 0.00	42.65 2.38 0.00	51.93 2.66 0.00	45.64 2.32 0.00	37.78 1.84 0.00	33.76 1.66 0.00
FALCON____SEABRD_CC1 323796	33.84 0.73 0.00	32.39 0.40 0.00	38.00 0.39 0.00	35.03 0.23 0.00	35.47 0.36 0.00	35.26 0.43 0.00	37.92 0.14 0.00	35.16 0.02 0.00	29.75 -0.42 0.00	26.14 -0.62 0.00	31.36 -0.87 0.00	31.94 -0.74 0.00	30.05 -0.57 0.00	34.62 -0.41 0.00	29.71 -0.61 0.00	4.33 -1.14 24.69	22.95 -0.84 8.87	40.33 -0.71 0.00	49.75 -0.77 0.00	33.90 -1.01 5.36	48.58 -0.69 0.00	43.06 -0.26 0.00	35.75 -0.20 0.00	31.79 -0.30 0.00

FALCON___SEABRD_CC2 323797	33.84 0.73 0.00	32.39 0.40 0.00	38.00 0.39 0.00	35.03 0.23 0.00	35.47 0.36 0.00	35.26 0.43 0.00	37.92 0.14 0.00	35.16 0.02 0.00	29.75 -0.42 0.00	26.14 -0.62 0.00	31.36 -0.87 0.00	31.94 -0.74 0.00	30.05 -0.57 0.00	34.62 -0.41 0.00	29.71 -0.61 0.00	4.33 -1.14 24.69	22.95 -0.84 8.87	40.33 -0.71 0.00	49.75 -0.77 0.00	33.90 -1.01 5.36	48.58 -0.69 0.00	43.06 -0.26 0.00	35.75 -0.20 0.00	31.79 -0.30 0.00
FAR ROCKAWAY___4 23548	34.75 2.17 0.53	34.02 2.03 0.00	39.81 2.19 0.00	36.95 2.15 0.00	37.16 2.05 0.00	37.10 2.27 0.00	40.24 2.46 0.00	37.24 2.71 0.62	31.58 2.56 1.16	28.03 2.37 1.10	42.08 3.27 -6.57	50.36 3.43 -14.25	53.75 3.07 -20.05	51.06 3.14 -12.89	40.16 2.58 -7.26	35.03 2.56 -2.32	55.61 2.94 -20.00	52.78 3.62 -8.12	54.65 4.20 0.07	43.38 3.48 0.36	53.20 3.92 -0.01	46.62 3.53 0.23	38.15 2.75 0.54	34.03 2.60 0.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.45 2.04 -12.30	34.03 2.03 0.00	39.91 2.30 0.00	36.95 2.15 0.00	37.20 2.09 0.00	37.02 2.20 0.00	40.30 2.52 -0.01	46.41 2.57 -8.69	52.49 2.40 -19.91	54.32 2.21 -25.36	53.70 2.71 -18.75	73.59 2.81 -38.10	71.18 2.54 -38.01	79.37 2.65 -41.69	55.69 2.29 -23.08	53.46 2.33 -20.97	52.87 2.60 -17.60	53.68 3.32 -9.31	56.28 4.03 -1.72	51.79 3.23 -8.29	53.00 3.72 0.00	51.96 3.22 -5.41	51.01 2.58 -12.48	49.72 2.32 -15.30
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.45 2.04 -12.30	34.03 2.03 0.00	39.91 2.30 0.00	36.96 2.16 0.00	37.20 2.09 0.00	37.02 2.20 0.00	40.30 2.52 -0.01	46.41 2.57 -8.69	52.49 2.40 -19.91	54.32 2.21 -25.36	53.70 2.71 -18.75	73.59 2.81 -38.10	71.18 2.54 -38.01	79.37 2.65 -41.69	55.69 2.29 -23.08	53.46 2.33 -20.97	52.86 2.59 -17.60	53.66 3.31 -9.31	56.27 4.02 -1.72	51.79 3.22 -8.29	52.98 3.71 0.00	51.96 3.22 -5.41	51.01 2.58 -12.48	49.72 2.32 -15.30
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.43 2.01 -12.30	34.00 2.01 0.00	39.88 2.27 0.00	36.94 2.14 0.00	37.18 2.07 0.00	37.00 2.18 0.00	40.27 2.49 -0.01	46.39 2.55 -8.69	52.47 2.38 -19.91	54.31 2.20 -25.36	53.67 2.69 -18.75	73.58 2.80 -38.10	71.15 2.52 -38.01	79.35 2.63 -41.69	55.67 2.27 -23.08	53.45 2.32 -20.97	52.84 2.57 -17.60	53.65 3.30 -9.31	56.24 3.99 -1.72	51.77 3.21 -8.29	52.96 3.68 0.00	51.92 3.18 -5.41	50.99 2.56 -12.48	49.70 2.30 -15.30
FARRAGUT___LBMP 323566	47.41 2.00 -12.30	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.12 0.00	37.16 2.05 0.00	36.99 2.16 0.00	40.24 2.46 -0.01	46.35 2.51 -8.69	52.45 2.35 -19.91	54.28 2.17 -25.36	53.64 2.65 -18.75	73.54 2.76 -38.10	71.12 2.49 -38.01	79.31 2.60 -41.69	55.65 2.24 -23.08	53.41 2.29 -20.97	52.80 2.53 -17.60	53.61 3.26 -9.31	56.19 3.94 -1.72	51.73 3.17 -8.29	52.92 3.64 0.00	51.87 3.14 -5.41	50.96 2.53 -12.48	49.69 2.29 -15.30
FENNER___WINDPWR 24204	33.21 0.10 0.00	32.12 0.13 0.00	37.80 0.18 0.00	34.96 0.17 0.00	35.33 0.22 0.00	35.11 0.28 0.00	38.18 0.40 0.00	35.58 0.43 0.00	30.43 0.25 0.00	26.82 0.06 0.00	32.34 0.10 0.00	32.82 0.14 0.00	30.59 -0.04 0.00	35.02 -0.02 0.00	30.36 0.04 0.00	30.30 0.15 0.00	32.89 0.22 0.00	41.53 0.49 0.00	51.37 0.84 0.00	40.81 0.55 0.00	49.95 0.67 0.00	43.84 0.52 0.00	36.28 0.33 0.00	32.33 0.23 0.00
FIBERTEK___ENERGY 23856	32.81 -0.30 0.00	31.69 -0.31 0.00	37.27 -0.34 0.00	34.45 -0.34 0.00	34.79 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.28 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.52 -0.23 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.19 0.00	40.82 -0.21 0.00	50.39 -0.13 0.00	40.05 -0.22 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00
FITZPATRICK____ 23598	32.09 -1.02 0.00	31.00 -0.99 0.00	36.47 -1.14 0.00	33.72 -1.08 0.00	34.03 -1.08 0.00	33.75 -1.08 0.00	36.58 -1.20 0.00	33.99 -1.16 0.00	29.20 -0.98 0.00	25.90 -0.85 0.00	31.20 -1.04 0.00	31.59 -1.08 0.00	29.64 -0.98 0.00	33.91 -1.12 0.00	29.37 -0.95 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.67 -1.37 0.00	48.88 -1.64 0.00	38.94 -1.33 0.00	47.69 -1.59 0.00	41.89 -1.43 0.00	34.75 -1.20 0.00	31.08 -1.02 0.00
FLOWRFLD_69_KV_BK1 356044	34.30 1.72 0.53	33.60 1.61 0.00	39.23 1.62 0.00	36.60 1.80 0.00	36.89 1.78 0.00	37.06 2.23 0.00	40.15 2.37 0.00	37.20 2.66 0.62	31.45 2.43 1.16	27.75 2.09 1.10	34.06 3.19 1.37	33.29 3.45 2.84	30.37 2.99 3.25	35.11 2.99 2.91	31.05 2.35 1.62	31.16 2.14 1.13	32.93 2.55 2.28	43.33 3.30 1.01	54.45 4.00 0.07	42.97 3.06 0.36	52.85 3.58 0.00	46.39 3.30 0.23	37.85 2.45 0.54	33.75 2.32 0.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.84 1.73 0.00	33.71 1.72 0.00	39.57 1.96 0.00	36.62 1.83 0.00	36.87 1.76 0.00	36.68 1.85 0.00	39.93 2.15 0.00	37.33 2.18 0.00	32.23 2.06 0.00	28.66 1.91 0.00	34.53 2.29 0.00	35.06 2.38 0.00	32.72 2.10 0.00	37.24 2.20 0.00	32.33 2.01 0.00	32.21 2.06 0.00	34.90 2.24 0.00	43.89 2.85 0.00	54.12 3.59 0.00	43.14 2.88 0.00	52.55 3.28 0.00	46.15 2.83 0.00	38.18 2.23 0.00	34.07 1.98 0.00
FORT ORANGE____ 23900	33.83 0.72 0.00	32.72 0.73 0.00	38.42 0.80 0.00	35.59 0.79 0.00	35.85 0.74 0.00	35.57 0.74 0.00	38.53 0.75 0.00	35.80 0.65 0.00	30.62 0.45 0.00	27.06 0.30 0.00	32.60 0.36 0.00	33.15 0.47 0.00	31.09 0.47 0.00	35.50 0.47 0.00	30.94 0.62 0.00	30.90 0.75 0.00	33.28 0.62 0.00	42.16 1.12 0.00	51.89 1.36 0.00	41.39 1.12 0.00	50.45 1.18 0.00	44.36 1.04 0.00	36.81 0.86 0.00	32.92 0.82 0.00
FORT_DRUM_COGEN 23780	32.01 -1.11 0.00	30.86 -1.13 0.00	36.35 -1.27 0.00	33.51 -1.28 0.00	34.05 -1.06 0.00	34.22 -0.61 0.00	36.98 -0.80 0.00	34.34 -0.81 0.00	29.61 -0.57 0.00	25.92 -0.84 0.00	31.22 -1.01 0.00	30.79 -1.89 0.00	28.40 -2.23 0.00	32.28 -2.76 0.00	27.86 -2.46 0.00	29.17 -2.08 -1.11	30.76 -2.30 -0.40	39.35 -1.69 0.00	49.31 -1.22 0.00	39.64 -0.86 -0.24	48.36 -0.91 0.00	42.25 -1.08 0.00	34.91 -1.03 0.00	30.97 -1.13 0.00
FOX_HILLS___ESR 323835	53.11 2.24 -17.75	43.46 2.28 -9.19	40.11 2.49 0.00	37.13 2.33 0.00	37.37 2.26 0.00	37.21 2.38 0.00	40.49 2.70 -0.01	48.00 2.64 -10.21	53.76 2.37 -21.21	56.11 2.16 -27.20	56.14 2.70 -21.21	65.34 2.76 -29.90	84.48 2.51 -51.34	83.15 2.65 -45.46	60.34 2.24 -27.78	84.76 2.32 -52.29	107.94 2.59 -72.68	59.01 3.35 -14.62	55.26 4.12 -0.62	58.38 3.34 -14.78	53.43 3.95 -0.20	52.98 3.37 -6.28	52.82 2.69 -14.18	52.13 2.51 -17.52
FPL FAR_ROCK_GT1 24212	34.75 2.18 0.53	34.02 2.03 0.00	39.81 2.19 0.00	36.95 2.15 0.00	37.16 2.05 0.00	37.10 2.27 0.00	40.24 2.46 0.00	37.24 2.71 0.62	31.58 2.56 1.16	28.01 2.35 1.10	42.07 3.27 -6.57	50.36 3.44 -14.25	53.75 3.07 -20.05	51.06 3.14 -12.89	40.15 2.58 -7.26	35.03 2.56 -2.32	55.60 2.93 -20.00	52.78 3.62 -8.12	54.65 4.20 0.07	43.38 3.48 0.36	53.20 3.92 -0.01	46.57 3.48 0.23	38.10 2.70 0.54	34.04 2.61 0.67



FPL FAR_ROCK_GT2 23815	34.75 2.18 0.53	34.02 2.03 0.00	39.81 2.19 0.00	36.95 2.15 0.00	37.16 2.05 0.00	37.10 2.27 0.00	40.24 2.46 0.00	37.24 2.71 0.62	31.58 2.56 1.16	28.01 2.35 1.10	42.07 3.27 -6.57	50.36 3.44 -14.25	53.75 3.07 -20.05	51.06 3.14 -12.89	40.15 2.58 -7.26	35.03 2.56 -2.32	55.60 2.93 -20.00	52.78 3.62 -8.12	54.65 4.20 0.07	43.38 3.48 0.36	53.20 3.92 -0.01	46.57 3.48 0.23	38.10 2.70 0.54	34.04 2.61 0.67
FRANKLIN_FALL_HYD 24054	33.40 0.29 0.00	31.97 -0.02 0.00	37.53 -0.08 0.00	34.63 -0.17 0.00	35.10 -0.01 0.00	34.90 0.08 0.00	37.62 -0.16 0.00	34.86 -0.29 0.00	29.47 -0.71 0.00	25.94 -0.81 0.00	31.24 -0.99 0.00	31.80 -0.88 0.00	29.81 -0.82 0.00	34.40 -0.63 0.00	29.43 -0.89 0.00	46.45 -1.21 -17.51	38.06 -0.89 -6.29	40.03 -1.02 0.00	49.42 -1.11 0.00	43.06 -1.01 -3.80	48.58 -0.69 0.00	42.88 -0.45 0.00	35.56 -0.39 0.00	31.59 -0.50 0.00
FREEPORT_EQUS_GT1 23764	34.44 1.86 0.53	33.73 1.74 0.00	39.47 1.85 0.00	36.66 1.86 0.00	36.88 1.77 0.00	36.85 2.02 0.00	39.98 2.20 0.00	37.01 2.48 0.62	31.32 2.30 1.16	27.75 2.10 1.10	36.66 2.96 -1.46	39.06 3.15 -3.24	38.25 2.79 -4.83	40.55 2.81 -2.71	34.15 2.30 -1.54	32.46 2.23 -0.08	40.59 2.58 -5.35	46.22 3.24 -1.94	54.25 3.80 0.07	43.02 3.11 0.36	52.75 3.48 0.00	46.22 3.13 0.23	37.79 2.39 0.54	33.78 2.35 0.67
FREEPORT___CT2 23818	34.44 1.86 0.53	33.73 1.74 0.00	39.47 1.85 0.00	36.66 1.86 0.00	36.88 1.77 0.00	36.85 2.02 0.00	39.98 2.20 0.00	37.01 2.48 0.62	31.32 2.30 1.16	27.75 2.10 1.10	36.66 2.96 -1.46	39.06 3.15 -3.24	38.25 2.79 -4.83	40.55 2.81 -2.71	34.15 2.30 -1.54	32.46 2.23 -0.08	40.59 2.58 -5.35	46.22 3.24 -1.94	54.25 3.80 0.07	43.02 3.11 0.36	52.75 3.48 0.00	46.22 3.13 0.23	37.79 2.39 0.54	33.78 2.35 0.67
FRESHKLS_33_KV_LOAD 356253	53.06 2.20 -17.75	43.45 2.27 -9.19	40.07 2.45 0.00	37.09 2.29 0.00	37.33 2.22 0.00	37.17 2.34 0.00	40.43 2.65 -0.01	47.90 2.55 -10.21	53.65 2.26 -21.21	55.21 2.06 -26.40	53.62 2.58 -18.81	60.12 2.64 -24.81	83.58 2.42 -50.53	81.58 2.53 -44.02	60.24 2.14 -27.78	84.68 2.24 -52.29	107.86 2.51 -72.68	58.90 3.24 -14.62	55.16 4.02 -0.62	58.31 3.26 -14.78	53.34 3.87 -0.20	52.86 3.26 -6.28	52.73 2.59 -14.18	52.08 2.46 -17.52
FULTON COGEN____ 23766	32.29 -0.82 0.00	31.20 -0.79 0.00	36.68 -0.93 0.00	33.92 -0.87 0.00	34.23 -0.88 0.00	33.98 -0.84 0.00	36.88 -0.91 0.00	34.25 -0.90 0.00	29.43 -0.74 0.00	26.12 -0.63 0.00	31.49 -0.75 0.00	31.76 -0.92 0.00	29.84 -0.79 0.00	34.16 -0.87 0.00	29.62 -0.70 0.00	29.47 -0.69 0.00	31.91 -0.76 0.00	40.06 -0.98 0.00	49.46 -1.07 0.00	39.37 -0.89 0.00	48.19 -1.09 0.00	42.31 -1.01 0.00	35.06 -0.88 0.00	31.34 -0.76 0.00
FULTON___LFGE 323630	34.73 1.61 0.00	33.53 1.54 0.00	39.46 1.85 0.00	36.48 1.69 0.00	36.88 1.77 0.00	36.64 1.82 0.00	39.87 2.09 0.00	36.79 1.64 0.00	30.72 0.54 0.00	26.75 -0.01 0.00	32.24 0.00 0.00	32.78 0.10 0.00	31.25 0.63 0.00	35.41 0.37 0.00	30.95 0.64 0.00	31.53 1.38 0.00	33.19 0.53 0.00	42.37 1.33 0.00	52.51 1.98 0.00	42.53 2.26 0.00	52.16 2.89 0.00	45.83 2.51 0.00	37.92 1.97 0.00	33.76 1.67 0.00
G.F.CEMENT___DRP 24184	35.11 2.00 0.00	33.81 1.81 0.00	39.73 2.11 0.00	36.41 1.61 0.00	36.80 1.70 0.00	36.66 1.83 0.00	40.12 2.34 0.00	37.48 2.33 0.00	31.99 1.82 0.00	27.89 1.14 0.00	33.38 1.14 0.00	33.96 1.28 0.00	31.86 1.23 0.00	36.56 1.52 0.00	31.67 1.35 0.00	31.58 1.43 0.00	34.34 1.67 0.00	43.54 2.50 0.00	53.68 3.15 0.00	42.79 2.52 0.00	52.23 2.96 0.00	45.76 2.43 0.00	37.89 1.94 0.00	33.74 1.65 0.00
GARDENVILLE___LBMP 24039	31.00 -2.11 0.00	29.78 -2.22 0.00	35.10 -2.51 0.00	32.31 -2.48 0.00	32.87 -2.24 0.00	32.66 -2.17 0.00	35.51 -2.27 0.00	32.21 -2.37 0.57	16.55 -1.61 12.02	10.79 -1.41 14.56	17.90 -1.36 12.98	17.73 -1.65 13.31	15.78 -1.57 13.28	19.83 -1.62 13.58	17.78 -1.22 11.33	20.47 -1.29 8.40	25.52 -1.77 5.38	18.98 -2.28 19.79	26.29 -2.71 21.53	32.24 -2.38 5.65	47.07 -2.21 0.00	41.26 -2.06 0.00	33.57 -1.67 0.70	28.87 -1.85 1.38
GARDNVLA_35_KV_LD 355827	31.10 -2.01 0.00	29.87 -2.12 0.00	35.20 -2.41 0.00	32.41 -2.39 0.00	32.98 -2.13 0.00	32.77 -2.06 0.00	35.63 -2.15 0.00	32.44 -2.24 0.47	18.80 -1.51 9.87	13.47 -1.32 11.97	20.32 -1.25 10.66	20.21 -1.52 10.95	18.25 -1.44 10.94	22.36 -1.47 11.20	19.88 -1.10 9.34	22.06 -1.16 6.93	26.62 -1.62 4.42	22.64 -2.12 16.28	30.20 -2.52 17.80	33.38 -2.21 4.67	47.28 -2.00 0.00	41.44 -1.88 0.00	33.82 -1.55 0.58	29.20 -1.75 1.14
GELCKHM___115KV_LOAD 80723	32.59 -0.52 0.00	31.48 -0.51 0.00	37.03 -0.58 0.00	34.23 -0.57 0.00	34.55 -0.56 0.00	34.29 -0.54 0.00	37.22 -0.56 0.00	34.58 -0.57 0.00	29.74 -0.43 0.00	26.38 -0.38 0.00	31.78 -0.45 0.00	32.16 -0.52 0.00	30.18 -0.45 0.00	34.60 -0.43 0.00	29.96 -0.36 0.00	29.83 -0.32 0.00	32.29 -0.38 0.00	40.57 -0.48 0.00	50.05 -0.48 0.00	39.77 -0.50 0.00	48.68 -0.60 0.00	42.73 -0.59 0.00	35.42 -0.52 0.00	31.66 -0.44 0.00
GENERAL___MILLS 23808	31.07 -2.04 0.00	29.84 -2.15 0.00	35.17 -2.44 0.00	32.38 -2.41 0.00	32.95 -2.16 0.00	32.73 -2.10 0.00	35.60 -2.18 0.00	32.38 -2.28 0.50	18.18 -1.55 10.45	12.73 -1.35 12.67	19.66 -1.29 11.29	19.52 -1.57 11.59	17.57 -1.48 11.57	21.66 -1.53 11.85	19.29 -1.14 9.88	21.62 -1.21 7.33	26.31 -1.67 4.68	21.64 -2.17 17.23	29.13 -2.59 18.81	33.05 -2.28 4.94	47.20 -2.07 0.00	41.37 -1.95 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21
GE_PLASTICS___DRP 24183	33.74 0.63 0.00	32.64 0.65 0.00	38.36 0.74 0.00	35.53 0.73 0.00	35.77 0.66 0.00	35.48 0.65 0.00	38.46 0.68 0.00	35.78 0.63 0.00	30.74 0.56 0.00	27.28 0.53 0.00	32.81 0.57 0.00	33.33 0.65 0.00	31.23 0.61 0.00	35.67 0.64 0.00	30.95 0.63 0.00	30.86 0.71 0.00	33.32 0.66 0.00	42.07 1.03 0.00	51.76 1.23 0.00	41.24 0.97 0.00	50.27 1.00 0.00	44.23 0.91 0.00	36.70 0.75 0.00	32.82 0.73 0.00
GILBOA___1 23756	33.75 0.64 0.00	32.75 0.76 0.00	38.60 0.99 0.00	35.74 0.94 0.00	35.86 0.76 0.00	35.49 0.66 0.00	38.56 0.78 0.00	35.95 0.80 0.00	30.95 0.78 0.00	27.50 0.74 0.00	33.10 0.86 0.00	33.59 0.91 0.00	31.46 0.84 0.00	35.90 0.86 0.00	31.09 0.78 0.00	30.98 0.82 0.00	33.54 0.87 0.00	42.16 1.12 0.00	51.83 1.30 0.00	41.23 0.96 0.00	50.25 0.98 0.00	44.32 0.99 0.00	36.78 0.83 0.00	32.88 0.78 0.00
GILBOA___2 23757	33.75 0.64 0.00	32.75 0.76 0.00	38.60 0.99 0.00	35.74 0.94 0.00	35.86 0.76 0.00	35.49 0.66 0.00	38.56 0.78 0.00	35.95 0.80 0.00	30.95 0.78 0.00	27.50 0.74 0.00	33.10 0.86 0.00	33.59 0.91 0.00	31.46 0.84 0.00	35.90 0.86 0.00	31.09 0.78 0.00	30.98 0.82 0.00	33.54 0.87 0.00	42.16 1.12 0.00	51.83 1.30 0.00	41.23 0.96 0.00	50.25 0.98 0.00	44.32 0.99 0.00	36.78 0.83 0.00	32.88 0.78 0.00

GILBOA___3 23758	33.75 0.64 0.00	32.75 0.76 0.00	38.60 0.99 0.00	35.74 0.94 0.00	35.86 0.76 0.00	35.49 0.66 0.00	38.56 0.78 0.00	35.95 0.80 0.00	30.95 0.78 0.00	27.50 0.74 0.00	33.10 0.86 0.00	33.59 0.91 0.00	31.46 0.84 0.00	35.90 0.86 0.00	31.09 0.78 0.00	30.98 0.82 0.00	33.54 0.87 0.00	42.16 1.12 0.00	51.83 1.30 0.00	41.23 0.96 0.00	50.25 0.98 0.00	44.32 0.99 0.00	36.78 0.83 0.00	32.88 0.78 0.00
GILBOA___4 23759	33.75 0.64 0.00	32.75 0.76 0.00	38.60 0.99 0.00	35.74 0.94 0.00	35.86 0.76 0.00	35.49 0.66 0.00	38.56 0.78 0.00	35.95 0.80 0.00	30.95 0.78 0.00	27.50 0.74 0.00	33.10 0.86 0.00	33.59 0.91 0.00	31.46 0.84 0.00	35.90 0.86 0.00	31.09 0.78 0.00	30.98 0.82 0.00	33.54 0.87 0.00	42.16 1.12 0.00	51.83 1.30 0.00	41.23 0.96 0.00	50.25 0.98 0.00	44.32 0.99 0.00	36.78 0.83 0.00	32.88 0.78 0.00
GILBOA___ 23599	33.75 0.64 0.00	32.75 0.76 0.00	38.60 0.99 0.00	35.74 0.94 0.00	35.86 0.76 0.00	35.49 0.66 0.00	38.56 0.78 0.00	35.95 0.81 0.00	30.96 0.79 0.00	27.51 0.76 0.00	33.10 0.87 0.00	33.59 0.91 0.00	31.46 0.84 0.00	35.89 0.86 0.00	31.09 0.77 0.00	30.98 0.83 0.00	33.54 0.87 0.00	42.16 1.12 0.00	51.84 1.31 0.00	41.23 0.97 0.00	50.26 0.98 0.00	44.32 1.00 0.00	36.78 0.83 0.00	32.87 0.78 0.00
GINNA___ 23603	30.60 -2.51 0.00	29.51 -2.49 0.00	34.70 -2.92 0.00	32.06 -2.74 0.00	32.47 -2.64 0.00	32.30 -2.53 0.00	35.11 -2.67 0.00	32.52 -2.64 0.00	27.96 -2.22 0.00	24.83 -1.92 0.00	30.05 -2.19 0.00	30.41 -2.27 0.00	28.49 -2.13 0.00	32.81 -2.23 0.00	28.48 -1.83 0.00	28.36 -1.80 0.00	30.65 -2.01 0.00	38.47 -2.58 0.00	47.44 -3.09 0.00	37.79 -2.48 0.00	46.56 -2.71 0.00	40.79 -2.53 0.00	33.76 -2.19 0.00	29.97 -2.13 0.00
GLEN PARK___ 23778	32.08 -1.03 0.00	30.94 -1.05 0.00	36.45 -1.17 0.00	33.59 -1.21 0.00	34.12 -0.99 0.00	34.30 -0.52 0.00	37.12 -0.66 0.00	34.43 -0.72 0.00	29.69 -0.49 0.00	25.98 -0.77 0.00	31.35 -0.89 0.00	30.73 -1.96 0.00	28.33 -2.30 0.00	32.20 -2.83 0.00	27.80 -2.52 0.00	29.10 -2.10 -1.05	30.66 -2.38 -0.38	39.44 -1.60 0.00	49.57 -0.96 0.00	39.83 -0.67 -0.23	48.62 -0.65 0.00	42.47 -0.86 0.00	35.07 -0.88 0.00	31.09 -1.01 0.00
GLENDALE_27_KV_LOAD 356172	49.29 2.23 -13.95	34.22 2.23 0.00	40.10 2.49 0.00	37.11 2.32 0.00	37.38 2.27 0.00	37.21 2.39 0.00	40.50 2.72 -0.01	48.49 2.75 -10.59	56.21 2.55 -23.47	57.83 2.32 -28.75	56.35 2.86 -21.26	78.83 2.95 -43.20	76.39 2.67 -43.10	85.10 2.81 -47.27	58.90 2.41 -26.18	56.38 2.45 -23.78	55.35 2.72 -19.96	55.08 3.48 -10.56	56.74 4.26 -1.95	53.09 3.42 -9.41	53.28 4.00 -0.01	52.92 3.46 -6.14	52.87 2.77 -14.15	51.96 2.51 -17.35
GLENWOOD_IC_1_G5 23712	34.47 1.89 0.53	33.82 1.82 0.00	39.61 2.00 0.00	36.74 1.94 0.00	36.96 1.86 0.00	36.86 2.03 0.00	40.05 2.27 0.00	36.98 2.44 0.62	31.34 2.32 1.16	27.79 2.14 1.10	35.45 2.82 -0.39	36.56 2.95 -0.94	35.05 2.65 -1.77	38.33 2.71 -0.58	32.94 2.28 -0.34	32.04 2.27 0.39	37.72 2.59 -2.46	45.10 3.24 -0.82	54.30 3.85 0.07	43.01 3.11 0.36	52.78 3.50 0.00	46.21 3.12 0.23	37.85 2.45 0.54	33.70 2.27 0.67
GLENWOOD_IC_2_G1 23688	34.39 1.81 0.53	33.75 1.75 0.00	39.56 1.94 0.00	36.66 1.86 0.00	36.90 1.79 0.00	36.77 1.94 0.00	39.95 2.17 0.00	36.84 2.31 0.62	31.21 2.19 1.16	27.67 2.02 1.10	34.03 2.61 0.82	33.77 2.75 1.66	31.42 2.45 1.65	35.73 2.51 1.81	31.45 2.14 1.01	31.39 2.15 0.91	34.32 2.42 0.76	43.69 3.05 0.40	54.12 3.67 0.07	42.86 2.95 0.36	52.60 3.33 0.00	46.02 2.93 0.23	37.71 2.30 0.54	33.57 2.14 0.67
GLENWOOD_IC_3_G1 23689	34.39 1.81 0.53	33.75 1.75 0.00	39.56 1.94 0.00	36.66 1.86 0.00	36.90 1.79 0.00	36.77 1.94 0.00	39.95 2.17 0.00	36.84 2.31 0.62	31.21 2.19 1.16	27.67 2.02 1.10	34.03 2.61 0.82	33.77 2.75 1.66	31.42 2.45 1.65	35.73 2.51 1.81	31.45 2.14 1.01	31.39 2.15 0.91	34.32 2.42 0.76	43.69 3.05 0.40	54.12 3.67 0.07	42.86 2.95 0.36	52.60 3.33 0.00	46.02 2.93 0.23	37.71 2.30 0.54	33.57 2.14 0.67
GLENWOOD___4 23550	34.47 1.89 0.53	33.82 1.82 0.00	39.61 2.00 0.00	36.74 1.94 0.00	36.96 1.86 0.00	36.86 2.03 0.00	40.05 2.27 0.00	36.98 2.44 0.62	31.34 2.32 1.16	27.79 2.14 1.10	35.45 2.82 -0.39	36.56 2.95 -0.94	35.05 2.65 -1.77	38.33 2.71 -0.58	32.94 2.28 -0.34	32.04 2.27 0.39	37.72 2.59 -2.46	45.10 3.24 -0.82	54.30 3.85 0.07	43.01 3.11 0.36	52.78 3.50 0.00	46.21 3.12 0.23	37.85 2.45 0.54	33.70 2.27 0.67
GLENWOOD___5 23614	34.47 1.89 0.53	33.82 1.82 0.00	39.61 2.00 0.00	36.74 1.94 0.00	36.96 1.86 0.00	36.86 2.03 0.00	40.05 2.27 0.00	36.98 2.44 0.62	31.34 2.32 1.16	27.79 2.14 1.10	35.45 2.82 -0.39	36.56 2.95 -0.94	35.05 2.65 -1.77	38.33 2.71 -0.58	32.94 2.28 -0.34	32.04 2.27 0.39	37.72 2.59 -2.46	45.10 3.24 -0.82	54.30 3.85 0.07	43.01 3.11 0.36	52.78 3.50 0.00	46.21 3.12 0.23	37.85 2.45 0.54	33.70 2.27 0.67
GLOBAL GREEN_PORT_GT1 23814	33.27 0.69 0.53	32.70 0.71 0.00	38.29 0.67 0.00	36.41 1.61 0.00	36.64 1.53 0.00	37.68 2.85 0.00	40.80 3.02 0.00	37.15 2.62 0.62	30.70 1.68 1.16	26.97 1.32 1.10	33.35 2.51 1.39	32.93 3.15 2.90	29.80 2.50 3.32	34.00 1.93 2.96	30.21 1.54 1.65	30.01 1.17 1.31	31.77 1.46 2.35	41.94 1.93 1.04	53.15 2.70 0.07	41.88 1.98 0.36	52.10 2.83 0.00	45.88 2.79 0.23	37.04 1.63 0.54	32.73 1.30 0.67
GLOBE___DSASP 323697	29.91 -3.20 0.00	28.70 -3.28 0.00	33.79 -3.83 0.00	31.12 -3.68 0.00	31.70 -3.41 0.00	31.48 -3.34 0.00	34.15 -3.63 0.00	31.12 -3.65 0.38	19.61 -2.72 7.85	15.00 -2.27 9.49	21.43 -2.35 8.46	21.54 -2.52 8.62	19.71 -2.31 8.60	23.72 -2.40 8.92	20.97 -1.91 7.44	22.57 -2.07 5.51	26.68 -2.72 3.27	24.81 -3.44 12.79	31.95 -4.11 14.46	32.94 -3.46 3.87	45.59 -3.69 0.00	40.04 -3.28 0.00	32.79 -2.68 0.48	28.30 -2.84 0.95
GOETHSLN___LBMP 323567	47.25 1.84 -12.30	33.85 1.86 0.00	39.72 2.11 0.00	36.78 1.98 0.00	37.02 1.91 0.00	36.85 2.02 0.00	40.07 2.29 -0.01	46.22 2.38 -8.69	52.32 2.23 -19.91	54.16 2.04 -25.36	53.47 2.48 -18.75	73.35 2.57 -38.10	70.95 2.32 -38.01	79.11 2.39 -41.69	55.48 2.07 -23.08	53.26 2.13 -20.97	52.65 2.38 -17.60	53.40 3.04 -9.31	55.91 3.66 -1.72	51.52 2.96 -8.29	52.62 3.35 0.00	51.66 2.92 -5.41	50.77 2.35 -12.48	49.53 2.13 -15.30
GOLAH___69_KV_TB 1_2 80279	31.86 -1.25 0.00	30.67 -1.32 0.00	36.07 -1.54 0.00	33.29 -1.51 0.00	33.79 -1.32 0.00	33.60 -1.23 0.00	36.55 -1.23 0.06	33.76 -1.33 0.06	27.86 -1.10 1.22	24.27 -1.00 1.48	29.90 -1.01 1.33	30.22 -1.05 1.40	28.25 -0.96 1.41	32.70 -0.86 1.47	28.50 -0.60 1.22	28.66 -0.59 0.90	31.40 -0.72 0.53	38.05 -0.91 2.08	47.16 -1.00 2.37	38.79 -0.84 0.63	48.68 -0.59 0.00	42.67 -0.65 0.00	35.26 -0.62 0.08	31.12 -0.82 0.15

GOODYEAR_LAKE_HYD 323669	34.09 0.98 0.00	33.00 1.01 0.00	38.88 1.27 0.00	36.00 1.20 0.00	36.27 1.16 0.00	35.95 1.12 0.00	39.18 1.40 0.00	36.55 1.40 0.00	31.34 1.16 0.00	27.72 0.97 0.00	33.39 1.15 0.00	33.78 1.10 0.00	31.68 1.06 0.00	36.26 1.22 0.00	31.45 1.13 0.00	31.36 1.20 0.00	33.80 1.14 0.00	42.58 1.54 0.00	52.62 2.09 0.00	41.88 1.62 0.00	51.12 1.85 0.00	44.93 1.61 0.00	37.18 1.23 0.00	33.20 1.10 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.14 0.03 0.00	32.03 0.04 0.00	37.74 0.13 0.00	34.87 0.07 0.00	35.17 0.06 0.00	34.86 0.03 0.00	38.00 0.22 0.00	35.42 0.27 0.00	30.44 0.26 0.00	26.95 0.19 0.00	32.52 0.29 0.00	32.99 0.31 0.00	31.01 0.39 0.00	35.50 0.47 0.00	30.63 0.31 0.00	30.50 0.35 0.00	32.99 0.32 0.00	41.44 0.41 0.00	51.13 0.60 0.00	40.59 0.32 0.00	49.76 0.49 0.00	43.65 0.33 0.00	36.22 0.28 0.00	32.37 0.27 0.00
GOUDEY___7 23579	33.14 0.03 0.00	32.03 0.04 0.00	37.74 0.13 0.00	34.87 0.07 0.00	35.17 0.06 0.00	34.86 0.03 0.00	38.00 0.22 0.00	35.42 0.27 0.00	30.44 0.26 0.00	26.95 0.19 0.00	32.52 0.29 0.00	32.99 0.31 0.00	31.01 0.39 0.00	35.50 0.47 0.00	30.63 0.31 0.00	30.50 0.35 0.00	32.99 0.32 0.00	41.44 0.41 0.00	51.13 0.60 0.00	40.59 0.32 0.00	49.76 0.49 0.00	43.65 0.33 0.00	36.22 0.28 0.00	32.37 0.27 0.00
GOUDEY___8 23580	33.14 0.03 0.00	32.03 0.04 0.00	37.74 0.13 0.00	34.87 0.07 0.00	35.17 0.06 0.00	34.86 0.03 0.00	38.00 0.22 0.00	35.42 0.27 0.00	30.44 0.26 0.00	26.95 0.19 0.00	32.52 0.29 0.00	32.99 0.31 0.00	31.01 0.39 0.00	35.50 0.47 0.00	30.63 0.31 0.00	30.50 0.35 0.00	32.99 0.32 0.00	41.44 0.41 0.00	51.13 0.60 0.00	40.59 0.32 0.00	49.76 0.49 0.00	43.65 0.33 0.00	36.22 0.28 0.00	32.37 0.27 0.00
GOWANUS_GT1_1 24077	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_2 24078	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_3 24079	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_4 24080	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_5 24084	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_6 24111	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_7 24112	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT1_8 24113	53.18 2.32 -17.75	43.51 2.33 -9.19	40.20 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.60 2.81 -0.01	48.51 2.78 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.85 -21.26	78.79 2.91 -43.20	92.64 2.64 -59.38	89.14 2.78 -51.33	63.11 2.38 -30.42	84.88 2.44 -52.29	108.06 2.71 -72.68	59.14 3.47 -14.62	56.96 4.26 -2.17	58.50 3.46 -14.78	53.55 4.08 -0.20	53.11 3.51 -6.28	52.94 2.80 -14.18	52.21 2.59 -17.52
GOWANUS_GT2_1 24114	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT2_2 24115	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT2_3 24116	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52

GOWANUS_GT2_4 24117	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT2_5 24118	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT2_6 24119	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT2_7 24120	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT2_8 24121	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
GOWANUS_GT3_1 24122	53.21 2.35 -17.75	43.51 2.33 -9.19	40.19 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.59 2.81 -0.01	48.52 2.78 -10.59	56.16 2.51 -23.47	57.79 2.28 -28.75	56.33 2.84 -21.26	78.80 2.92 -43.20	92.65 2.64 -59.38	89.13 2.78 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.05 2.70 -72.68	59.12 3.46 -14.62	56.96 4.26 -2.17	58.49 3.45 -14.78	53.56 4.08 -0.20	53.13 3.53 -6.28	52.97 2.84 -14.18	52.23 2.61 -17.52
GOWANUS_GT3_2 24123	53.21 2.35 -17.75	43.51 2.33 -9.19	40.19 2.58 0.00	37.20 2.41 0.00	37.46 2.35 0.00	37.29 2.47 0.00	40.59 2.81 -0.01	48.52 2.78 -10.59	56.16 2.51 -23.47	57.79 2.28 -28.75	56.33 2.84 -21.26	78.80 2.92 -43.20	92.65 2.64 -59.38	89.13 2.78 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.05 2.70 -72.68	59.12 3.46 -14.62	56.96 4.26 -2.17	58.49 3.45 -14.78	53.56 4.08 -0.20	53.13 3.53 -6.28	52.97 2.84 -14.18	52.23 2.

GOWANUS_GT4_3 24132	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GOWANUS_GT4_4 24133	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GOWANUS_GT4_5 24134	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GOWANUS_GT4_6 24135	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GOWANUS_GT4_7 24136	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GOWANUS_GT4_8 24137	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GREENBSH_115KV_TB3 55895	33.68 0.57 0.00	32.57 0.59 0.00	38.25 0.64 0.00	35.44 0.64 0.00	35.69 0.58 0.00	35.41 0.59 0.00	38.32 0.54 0.00	35.61 0.46 0.00	30.47 0.30 0.00	27.05 0.29 0.00	32.59 0.36 0.00	33.14 0.46 0.00	31.08 0.45 0.00	35.49 0.46 0.00	30.81 0.49 0.00	30.74 0.59 0.00	33.18 0.51 0.00	41.98 0.94 0.00	51.66 1.13 0.00	41.15 0.89 0.00	50.15 0.87 0.00	44.11 0.79 0.00	36.61 0.67 0.00	32.75 0.65 0.00
GREENIDGE_115KV_TB5 80291	32.48 -0.63 0.00	31.32 -0.68 0.00	36.91 -0.71 0.00	34.10 -0.70 0.00	34.55 -0.56 0.00	34.38 -0.45 0.00	37.53 -0.25 0.00	35.38 -0.38 -0.61	42.41 -0.40 -12.63	41.44 -0.58 -15.27	45.25 -0.58 -13.60	45.68 -0.61 -13.61	43.72 -0.39 -13.48	48.51 -0.51 -13.99	41.54 -0.46 -11.68	38.36 -0.45 -8.66	37.40 -0.39 -5.13	60.32 -0.79 -20.08	72.45 -0.78 -22.70	45.86 -0.47 -6.07	49.19 -0.08 0.00	43.06 -0.26 0.00	36.48 -0.24 -0.78	33.31 -0.31 -1.53
GREENIDGE___3 23582	32.48 -0.63 0.00	31.32 -0.68 0.00	36.91 -0.71 0.00	34.10 -0.70 0.00	34.55 -0.56 0.00	34.38 -0.45 0.00	37.53 -0.25 0.00	35.38 -0.38 -0.61	42.41 -0.40 -12.63	41.44 -0.58 -15.27	45.25 -0.58 -13.60	45.68 -0.61 -13.61	43.72 -0.39 -13.48	48.51 -0.51 -13.99	41.54 -0.46 -11.68	38.36 -0.45 -8.66	37.40 -0.39 -5.13	60.32 -0.79 -20.08	72.45 -0.78 -22.70	45.86 -0.47 -6.07	49.19 -0.08 0.00	43.06 -0.26 0.00	36.48 -0.24 -0.78	33.31 -0.31 -1.53
GREENIDGE___4 23583	32.46 -0.65 0.00	31.32 -0.68 0.00	36.91 -0.71 0.00	34.10 -0.70 0.00	34.55 -0.55 0.00	34.38 -0.45 0.00	37.53 -0.26 0.00	35.38 -0.38 -0.61	42.40 -0.41 -12.63	41.46 -0.57 -15.27	45.25 -0.59 -13.60	45.66 -0.63 -13.61	43.72 -0.39 -13.48	48.54 -0.48 -13.99	41.54 -0.46 -11.68	38.35 -0.46 -8.66	37.41 -0.39 -5.13	60.33 -0.79 -20.08	72.45 -0.78 -22.70	45.86 -0.47 -6.07	49.19 -0.08 0.00	43.07 -0.26 0.00	36.48 -0.24 -0.78	33.31 -0.31 -1.53
GREENLWN_69_KV_BK 3 55738	33.97 1.39 0.53	33.31 1.32 0.00	38.94 1.33 0.00	36.19 1.39 0.00	36.37 1.27 0.00	36.37 1.54 0.00	39.44 1.66 0.00	36.54 2.01 0.62	30.95 1.93 1.16	27.41 1.75 1.10	33.67 2.73 1.30	32.92 2.94 2.69	30.16 2.59 3.05	34.80 2.54 2.77	30.78 2.01 1.54	30.94 1.90 1.12	32.76 2.19 2.10	42.80 2.70 0.94	53.56 3.11 0.07	42.36 2.46 0.36	51.99 2.72 0.00	45.65 2.56 0.23	37.36 1.95 0.54	33.36 1.93 0.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52
GRISSOM___SOLAR 323813	34.72 1.61 0.00	33.54 1.55 0.00	39.46 1.85 0.00	36.47 1.67 0.00	36.85 1.74 0.00	36.62 1.79 0.00	39.83 2.05 0.00	36.71 1.56 0.00	30.57 0.40 0.00	26.60 -0.16 0.00	32.09 -0.15 0.00	32.64 -0.04 0.00	31.24 0.62 0.00	35.33 0.29 0.00	30.91 0.59 0.00	31.53 1.38 0.00	33.15 0.49 0.00	42.33 1.29 0.00	52.45 1.93 0.00	42.54 2.28 0.00	52.16 2.89 0.00	45.82 2.49 0.00	37.91 1.96 0.00	33.77 1.67 0.00
GROVEVILLE___HYD 323602	34.84 1.73 0.00	33.71 1.72 0.00	39.57 1.96 0.00	36.62 1.83 0.00	36.87 1.76 0.00	36.68 1.85 0.00	39.93 2.15 0.00	37.33 2.18 0.00	32.23 2.06 0.00	28.66 1.91 0.00	34.53 2.29 0.00	35.06 2.38 0.00	32.72 2.10 0.00	37.24 2.20 0.00	32.33 2.01 0.00	32.21 2.06 0.00	34.90 2.24 0.00	43.89 2.85 0.00	54.12 3.59 0.00	43.14 2.88 0.00	52.55 3.28 0.00	46.15 2.83 0.00	38.18 2.23 0.00	34.07 1.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.81 -0.30 0.00	31.69 -0.31 0.00	37.27 -0.34 0.00	34.45 -0.34 0.00	34.79 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.28 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.52 -0.23 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.19 0.00	40.82 -0.21 0.00	50.39 -0.13 0.00	40.05 -0.22 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00

HAMLTNNY_34_KV_TB 80303	32.85 -0.26 0.00	31.70 -0.30 0.00	37.31 -0.31 0.00	34.49 -0.31 0.00	34.83 -0.28 0.00	34.59 -0.24 0.00	37.59 -0.19 0.00	34.86 -0.29 0.00	29.89 -0.29 0.00	26.52 -0.23 0.00	32.00 -0.23 0.00	32.33 -0.35 0.00	30.36 -0.27 0.00	34.80 -0.23 0.00	30.10 -0.22 0.00	29.97 -0.18 0.00	32.50 -0.16 0.00	40.82 -0.22 0.00	50.39 -0.13 0.00	40.14 -0.13 0.00	49.16 -0.11 0.00	43.14 -0.18 0.00	35.72 -0.23 0.00	31.92 -0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	32.26 -0.85 0.00	31.08 -0.91 0.00	36.54 -1.08 0.00	33.75 -1.05 0.00	34.23 -0.87 0.00	34.20 -0.63 0.00	36.94 -0.84 0.00	34.32 -0.83 0.00	29.35 -0.83 0.00	25.83 -0.92 0.00	31.08 -1.16 0.00	31.28 -1.40 0.00	29.06 -1.57 0.00	33.11 -1.92 0.00	28.54 -1.78 0.00	31.21 -1.72 -2.78	31.95 -1.71 -1.00	39.35 -1.69 0.00	48.86 -1.67 0.00	39.70 -1.18 -0.60	48.00 -1.27 0.00	42.01 -1.31 0.00	34.92 -1.03 0.00	31.00 -1.10 0.00
HARDSCRABBLE_WT_PWR 323673	32.94 -0.17 0.00	31.95 -0.04 0.00	37.68 0.07 0.00	35.07 0.27 0.00	35.25 0.15 0.00	34.78 -0.05 0.00	38.10 0.32 0.00	35.57 0.42 0.00	29.83 -0.34 0.00	25.80 -0.95 0.00	30.73 -1.51 0.00	31.27 -1.40 0.00	30.32 -0.31 0.00	33.77 -1.27 0.00	29.92 -0.39 0.00	30.61 0.46 0.00	31.80 -0.86 0.00	40.45 -0.59 0.00	50.43 -0.10 0.00	40.47 0.21 0.00	49.32 0.05 0.00	43.35 0.03 0.00	35.87 -0.08 0.00	31.99 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.56 1.45 0.00	33.46 1.47 0.00	39.27 1.65 0.00	36.33 1.54 0.00	36.57 1.46 0.00	36.38 1.56 0.00	39.54 1.76 0.00	37.00 1.85 0.00	31.94 1.76 0.00	28.39 1.64 0.00	34.22 1.98 0.00	34.76 2.08 0.00	32.48 1.86 0.00	36.97 1.94 0.00	32.01 1.69 0.00	31.96 1.81 0.00	34.63 1.97 0.00	43.53 2.49 0.00	53.65 3.12 0.00	42.71 2.45 0.00	52.00 2.73 0.00	45.67 2.35 0.00	37.77 1.82 0.00	33.76 1.66 0.00
HARSNRAD_115KV_TB1 81005	30.43 -2.68 0.00	29.22 -2.78 0.00	34.40 -3.22 0.00	31.67 -3.13 0.00	32.29 -2.82 0.00	32.09 -2.74 0.00	34.82 -2.96 0.00	31.74 -3.04 0.37	20.18 -2.20 7.79	15.39 -1.88 9.48	21.87 -1.92 8.45	21.95 -2.10 8.62	20.09 -1.94 8.60	24.18 -1.96 8.89	21.41 -1.50 7.41	23.06 -1.60 5.49	27.28 -2.13 3.26	25.68 -2.70 12.67	32.96 -3.25 14.31	33.74 -2.74 3.79	46.44 -2.83 0.00	40.79 -2.53 0.00	33.42 -2.05 0.48	28.91 -2.26 0.94
HARZA MOOSE___RIVER 24016	32.69 -0.42 0.00	31.58 -0.41 0.00	37.13 -0.48 0.00	34.34 -0.46 0.00	34.79 -0.32 0.00	34.79 -0.04 0.00	37.65 -0.13 0.00	35.09 -0.07 0.00	30.12 -0.05 0.00	26.47 -0.28 0.00	31.81 -0.43 0.00	32.13 -0.55 0.00	29.84 -0.79 0.00	33.85 -1.18 0.00	29.36 -0.96 0.00	30.12 -0.83 -0.79	32.18 -0.77 -0.29	40.58 -0.47 0.00	50.27 -0.26 0.00	40.33 -0.11 -0.17	49.18 -0.10 0.00	43.04 -0.28 0.00	35.63 -0.32 0.00	31.68 -0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.61 -0.50 0.00	31.50 -0.49 0.00	37.04 -0.57 0.00	34.25 -0.55 0.00	34.56 -0.55 0.00	34.30 -0.53 0.00	37.25 -0.53 0.00	34.63 -0.52 0.00	29.92 -0.25 0.00	26.47 -0.29 0.00	31.85 -0.39 0.00	32.22 -0.46 0.00	30.23 -0.39 0.00	34.81 -0.22 0.00	30.16 -0.16 0.00	30.03 -0.12 0.00	32.49 -0.17 0.00	40.87 -0.17 0.00	50.44 -0.09 0.00	39.81 -0.46 0.00	48.70 -0.57 0.00	42.76 -0.56 0.00	35.45 -0.50 0.00	31.68 -0.42 0.00
HELLGATE_13_KV_LD 55870	49.33 2.27 -13.95	34.25 2.26 0.00	40.14 2.53 0.00	37.16 2.37 0.00	37.43 2.32 0.00	37.26 2.44 0.00	40.56 2.77 -0.01	48.53 2.79 -10.59	56.23 2.58 -23.47	57.87 2.35 -28.75	56.41 2.92 -21.26	78.88 3.00 -43.20	76.44 2.71 -43.10	85.16 2.86 -47.27	58.95 2.45 -26.18	56.43 2.50 -23.78	55.37 2.74 -19.96	55.12 3.52 -10.56	56.79 4.31 -1.95	53.14 3.46 -9.41	53.33 4.06 -0.01	52.97 3.51 -6.14	52.92 2.82 -14.15	52.00 2.56 -17.35
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.33 2.27 -13.95	34.25 2.26 0.00	40.14 2.53 0.00	37.16 2.37 0.00	37.43 2.32 0.00	37.26 2.44 0.00	40.56 2.77 -0.01	48.53 2.79 -10.59	56.23 2.58 -23.47	57.87 2.35 -28.75	56.41 2.92 -21.26	78.88 3.00 -43.20	76.44 2.71 -43.10	85.16 2.86 -47.27	58.95 2.45 -26.18	56.43 2.50 -23.78	55.37 2.74 -19.96	55.12 3.52 -10.56	56.79 4.31 -1.95	53.14 3.46 -9.41	53.33 4.06 -0.01	52.97 3.51 -6.14	52.92 2.82 -14.15	52.00 2.56 -17.35
HEMPSTEAD____ 23647	34.28 1.71 0.53	33.60 1.61 0.00	39.33 1.72 0.00	36.51 1.71 0.00	36.73 1.63 0.00	36.68 1.85 0.00	39.82 2.05 0.00	36.83 2.30 0.62	31.20 2.18 1.16	27.65 1.99 1.10	35.75 2.77 -0.74	37.32 2.95 -1.70	35.95 2.61 -2.72	38.95 2.63 -1.28	33.21 2.15 -0.74	32.04 2.12 0.23	38.43 2.45 -3.32	45.17 3.04 -1.09	54.00 3.55 0.07	42.81 2.91 0.36	52.49 3.21 0.00	45.97 2.88 0.23	37.62 2.21 0.54	33.58 2.16 0.67
HEWLETT_69_KV_BK3 55828	34.61 2.04 0.53	33.90 1.91 0.00	39.66 2.05 0.00	36.82 2.02 0.00	37.03 1.93 0.00	36.96 2.13 0.00	40.08 2.30 0.00	37.09 2.56 0.62	31.46 2.44 1.16	27.89 2.24 1.10	41.93 3.12 -6.57	50.21 3.28 -14.25	53.60 2.93 -20.05	50.90 2.98 -12.89	40.03 2.46 -7.26	34.91 2.44 -2.32	55.46 2.79 -20.00	52.61 3.45 -8.12	54.43 3.98 0.07	43.20 3.29 0.36	52.97 3.69 -0.01	46.41 3.32 0.23	37.99 2.59 0.54	33.90 2.47 0.67
HICKLING___1 23621	32.63 -0.48 0.00	31.45 -0.55 0.00	37.13 -0.48 0.00	34.26 -0.53 0.00	34.70 -0.41 0.00	34.47 -0.35 0.00	37.68 -0.10 0.00	35.18 -0.16 -0.19	33.88 -0.15 -3.86	31.10 -0.31 -4.66	36.18 -0.20 -4.14	36.78 -0.12 -4.22	34.95 0.11 -4.21	39.46 0.05 -4.38	33.89 -0.09 -3.66	32.79 -0.07 -2.71	34.19 -0.08 -1.61	47.09 -0.24 -6.29	57.60 -0.07 -7.14	41.87 -0.31 -1.91	49.20 -0.07 0.00	43.04 -0.29 0.00	35.99 -0.20 -0.24	32.38 -0.18 -0.47
HICKLING___2 23622	32.63 -0.48 0.00	31.45 -0.55 0.00	37.13 -0.48 0.00	34.26 -0.53 0.00	34.70 -0.41 0.00	34.47 -0.35 0.00	37.68 -0.10 0.00	35.18 -0.16 -0.19	33.88 -0.15 -3.86	31.10 -0.31 -4.66	36.18 -0.20 -4.14	36.78 -0.12 -4.22	34.95 0.11 -4.21	39.46 0.05 -4.38	33.89 -0.09 -3.66	32.79 -0.07 -2.71	34.19 -0.08 -1.61	47.09 -0.24 -6.29	57.60 -0.07 -7.14	41.87 -0.31 -1.91	49.20 -0.07 0.00	43.04 -0.29 0.00	35.99 -0.20 -0.24	32.38 -0.18 -0.47
HIGH FALLS___HY 23754	34.83 1.72 0.00	33.72 1.73 0.00	39.62 2.00 0.00	36.65 1.86 0.00	36.89 1.78 0.00	36.70 1.87 0.00	39.97 2.19 0.00	37.42 2.27 0.00	32.34 2.16 0.00	28.68 1.92 0.00	34.44 2.21 0.00	35.04 2.36 0.00	32.58 1.95 0.00	37.06 2.03 0.00	32.07 1.75 0.00	32.06 1.90 0.00	35.00 2.33 0.00	43.72 2.68 0.00	54.08 3.55 0.00	43.21 2.95 0.00	52.68 3.41 0.00	46.26 2.93 0.00	38.25 2.31 0.00	34.13 2.03 0.00
HIGH_RIVER___SOLAR 323847	34.38 1.27 0.00	33.22 1.23 0.00	39.07 1.46 0.00	36.14 1.35 0.00	36.48 1.37 0.00	36.23 1.40 0.00	39.37 1.59 0.00	36.47 1.32 0.00	30.62 0.44 0.00	26.76 0.00 0.00	32.10 -0.14 0.00	32.73 0.05 0.00	30.98 0.36 0.00	35.50 0.47 0.00	30.75 0.43 0.00	31.21 1.05 0.00	33.05 0.38 0.00	41.96 0.92 0.00	52.17 1.64 0.00	42.08 1.81 0.00	51.53 2.26 0.00	45.29 1.97 0.00	37.50 1.55 0.00	33.43 1.33 0.00

HILLBURN___GT 23639	34.54 1.43 0.00	33.43 1.44 0.00	39.23 1.62 0.00	36.30 1.51 0.00	36.53 1.43 0.00	36.36 1.53 0.00	39.49 1.71 0.00	36.97 1.82 0.00	31.92 1.75 0.00	28.39 1.64 0.00	34.27 2.03 0.00	34.82 2.14 0.00	32.55 1.93 0.00	37.00 1.97 0.00	32.04 1.72 0.00	31.94 1.79 0.00	34.64 1.98 0.00	43.57 2.53 0.00	53.64 3.11 0.00	42.66 2.39 0.00	51.91 2.64 0.00	45.59 2.27 0.00	37.70 1.76 0.00	33.72 1.63 0.00
HILLSIDE_115KV_TB1 80332	32.68 -0.44 0.00	31.51 -0.48 0.00	37.20 -0.41 0.00	34.32 -0.48 0.00	34.69 -0.42 0.00	34.41 -0.42 0.00	37.61 -0.17 0.00	35.19 -0.12 -0.17	33.57 -0.08 -3.47	30.77 -0.17 -4.19	35.92 -0.04 -3.73	36.54 0.05 -3.81	34.67 0.24 -3.80	39.23 0.25 -3.95	33.63 0.01 -3.30	32.61 0.01 -2.45	34.10 -0.02 -1.45	46.56 -0.16 -5.68	56.91 -0.06 -6.45	41.66 -0.34 -1.73	49.13 -0.14 0.00	42.99 -0.34 0.00	35.95 -0.22 -0.22	32.37 -0.15 -0.42
HISHELDN_WT_PWR 323625	30.67 -2.43 0.00	29.52 -2.48 0.00	34.85 -2.76 0.00	32.13 -2.66 0.00	32.65 -2.46 0.00	32.45 -2.38 0.00	35.30 -2.48 0.00	31.27 -2.67 1.21	2.94 -2.03 25.20	-5.59 -1.85 30.49	2.95 -2.12 27.18	2.97 -2.24 27.47	1.19 -2.15 27.29	4.61 -2.27 28.15	5.01 -1.82 23.49	10.88 -1.87 17.41	20.03 -2.30 10.33	-2.24 -2.86 40.43	1.93 -3.35 45.25	25.40 -2.86 12.01	46.30 -2.97 0.00	40.60 -2.72 0.00	32.20 -2.23 1.52	26.88 -2.23 2.99
HOLTSVILLE_IC_1 23690	34.18 1.60 0.53	33.50 1.51 0.00	39.12 1.51 0.00	36.50 1.70 0.00	36.78 1.68 0.00	36.97 2.14 0.00	40.05 2.27 0.00	37.08 2.54 0.62	31.32 2.30 1.16	27.61 1.96 1.10	33.86 3.02 1.40	33.07 3.31 2.91	30.12 2.84 3.34	34.86 2.80 2.97	30.88 2.22 1.66	31.02 2.04 1.18	32.70 2.41 2.37	43.09 3.09 1.04	54.20 3.75 0.07	42.76 2.85 0.36	52.58 3.31 0.00	46.13 3.05 0.23	37.63 2.22 0.54	33.61 2.19 0.67
HOLTSVILLE_IC_10 23699	34.28 1.70 0.53	33.58 1.59 0.00	39.22 1.61 0.00	36.59 1.79 0.00	36.89 1.78 0.00	37.09 2.26 0.00	40.18 2.39 0.00	37.21 2.68 0.62	31.44 2.42 1.16	27.72 2.07 1.10	34.04 3.16 1.36	33.31 3.46 2.82	30.37 2.97 3.23	35.10 2.96 2.89	31.04 2.33 1.61	31.19 2.13 1.09	32.93 2.53 2.26	43.30 3.26 1.00	54.43 3.97 0.07	42.94 3.04 0.36	52.81 3.54 0.00	46.31 3.22 0.23	37.77 2.37 0.54	33.73 2.30 0.67
HOLTSVILLE_IC_2 23691	34.18 1.60 0.53	33.50 1.51 0.00	39.12 1.51 0.00	36.50 1.70 0.00	36.78 1.68 0.00	36.97 2.14 0.00	40.05 2.27 0.00	37.08 2.54 0.62	31.32 2.30 1.16	27.61 1.96 1.10	33.86 3.02 1.40	33.07 3.31 2.91	30.12 2.84 3.34	34.86 2.80 2.97	30.88 2.22 1.66	31.02 2.04 1.18	32.70 2.41 2.37	43.09 3.09 1.04	54.20 3.75 0.07	42.76 2.85 0.36	52.58 3.31 0.00	46.13 3.05 0.23	37.63 2.22 0.54	33.61 2.19 0.67
HOLTSVILLE_IC_3 23692	34.18 1.60 0.53	33.50 1.51 0.00	39.12 1.51 0.00	36.50 1.70 0.00	36.78 1.68 0.00	36.97 2.14 0.00	40.05 2.27 0.00	37.08 2.54 0.62	31.32 2.30 1.16	27.61 1.96 1.10	33.86 3.02 1.40	33.07 3.31 2.91	30.12 2.84 3.34	34.86 2.80 2.97	30.88 2.22 1.66	31.02 2.04 1.18	32.70 2.41 2.37	43.09 3.09 1.04	54.20 3.75 0.07	42.76 2.85 0.36	52.58 3.31 0.00	46.13 3.05 0.23	37.63 2.22 0.54	33.61 2.19 0.67
HOLTSVILLE_IC_4 23693	34.18 1.60 0.53	33.50 1.51 0.00	39.12 1.51 0.00	36.50 1.70 0.00	36.78 1.68 0.00	36.97 2.14 0.00	40.05 2.27 0.00	37.08 2.54 0.62	31.32 2.30 1.16	27.61 1.96 1.10	33.86 3.02 1.40	33.07 3.31 2.91	30.12 2.84 3.34	34.86 2.80 2.97	30.88 2.22 1.66	31.02 2.04 1.18	32.70 2.41 2.37	43.09 3.09 1.04	54.20 3.75 0.07	42.76 2.85 0.36	52.58 3.31 0.00	46.13 3.05 0.23	37.63 2.22 0.54	33.61 2.19 0.67
HOLTSVILLE_IC_5 23694	34.18 1.60 0.53	33.50 1.51 0.00	39.12 1.51 0.00	36.50 1.70 0.00	36.78 1.68 0.00	36.97 2.14 0.00	40.05 2.27 0.00	37.08 2.54 0.62	31.32 2.30 1.16	27.61 1.96 1.10	33.86 3.02 1.40	33.07 3.31 2.91	30.12 2.84 3.34	34.86 2.80 2.97	30.88 2.22 1.66	31.02 2.04 1.18	32.70 2.41 2.37	43.09 3.09 1.04	54.20 3.75 0.07	42.76 2.85 0.36	52.58 3.31 0.00	46.13 3.05 0.23	37.63 2.22 0.54	33.61 2.19 0.67
HOLTSVILLE_IC_6 23695	34.28 1.70 0.53	33.58 1.59 0.00	39.22 1.61 0.00	36.59 1.79 0.00	36.89 1.78 0.00	37.09 2.26 0.00	40.18 2.39 0.00	37.21 2.68 0.62	31.44 2.42 1.16	27.72 2.07 1.10	34.04 3.16 1.36	33.31 3.46 2.82	30.37 2.97 3.23	35.10 2.96 2.89	31.04 2.33 1.61	31.19 2.13 1.09	32.93 2.53 2.26	43.30 3.26 1.00	54.43 3.97 0.07	42.94 3.04 0.36	52.81 3.54 0.00	46.31 3.22 0.23	37.77 2.37 0.54	33.73 2.30 0.67
HOLTSVILLE_IC_7 23696	34.28 1.70 0.53	33.58 1.59 0.00	39.22 1.61 0.00	36.59 1.79 0.00	36.89 1.78 0.00	37.09 2.26 0.00	40.18 2.39 0.00	37.21 2.68 0.62	31.44 2.42 1.16	27.72 2.07 1.10	34.04 3.16 1.36	33.31 3.46 2.82	30.37 2.97 3.23	35.10 2.96 2.89	31.04 2.33 1.61	31.19 2.13 1.09	32.93 2.53 2.26	43.30 3.26 1.00	54.43 3.97 0.07	42.94 3.04 0.36	52.81 3.54 0.00	46.31 3.22 0.23	37.77 2.37 0.54	33.73 2.30 0.67
HOLTSVILLE_IC_8 23697	34.28 1.70 0.53	33.58 1.59 0.00	39.22 1.61 0.00	36.59 1.79 0.00	36.89 1.78 0.00	37.09 2.26 0.00	40.18 2.39 0.00	37.21 2.68 0.62	31.44 2.42 1.16	27.72 2.07 1.10	34.04 3.16 1.36	33.31 3.46 2.82	30.37 2.97 3.23	35.10 2.96 2.89	31.04 2.33 1.61	31.19 2.13 1.09	32.93 2.53 2.26	43.30 3.26 1.00	54.43 3.97 0.07	42.94 3.04 0.36	52.81 3.54 0.00	46.31 3.22 0.23	37.77 2.37 0.54	33.73 2.30 0.67
HOLTSVILLE_IC_9 23698	34.28 1.70 0.53	33.58 1.59 0.00	39.22 1.61 0.00	36.59 1.79 0.00	36.89 1.78 0.00	37.09 2.26 0.00	40.18 2.39 0.00	37.21 2.68 0.62	31.44 2.42 1.16	27.72 2.07 1.10	34.04 3.16 1.36	33.31 3.46 2.82	30.37 2.97 3.23	35.10 2.96 2.89	31.04 2.33 1.61	31.19 2.13 1.09	32.93 2.53 2.26	43.30 3.26 1.00	54.43 3.97 0.07	42.94 3.04 0.36	52.81 3.54 0.00	46.31 3.22 0.23	37.77 2.37 0.54	33.73 2.30 0.67
HOMER_HL_115KV_TB2 355744	32.59 -0.52 0.00	31.45 -0.54 0.00	37.07 -0.54 0.00	34.16 -0.63 0.00	34.68 -0.42 0.00	34.36 -0.47 0.00	37.39 -0.39 0.00	34.64 -0.40 0.10	27.84 -0.07 2.27	24.02 0.02 2.76	30.10 0.33 2.46	30.20 0.12 2.59	27.95 -0.07 2.60	32.39 -0.03 2.61	28.49 0.34 2.17	28.87 0.33 1.61	33.74 -0.03 -1.11	38.61 -0.02 2.41	46.77 0.23 3.99	38.79 -0.47 1.02	49.09 -0.19 0.00	42.88 -0.45 0.00	35.58 -0.25 0.12	31.59 -0.27 0.24
HOWARD_WT_PWR 323690	30.54 -2.57 0.00	29.57 -2.42 0.00	35.05 -2.56 0.00	32.36 -2.44 0.00	33.15 -1.95 0.00	33.28 -1.55 0.00	36.25 -1.53 0.00	34.41 -2.04 -1.29	55.17 -1.83 -26.82	56.72 -2.45 -32.42	58.31 -2.81 -28.88	58.96 -2.59 -28.87	57.12 -2.09 -28.57	62.01 -2.67 -29.65	52.99 -2.09 -24.76	46.20 -2.30 -18.35	41.36 -2.58 -11.27	80.62 -3.22 -42.80	95.08 -3.57 -48.12	50.17 -2.96 -12.86	46.21 -3.06 0.00	40.43 -2.89 0.00	35.56 -2.04 -1.65	33.29 -2.04 -3.24

HQ_GEN_CEDARS 23644	33.49 0.37 0.00	32.25 0.26 0.00	37.88 0.27 0.00	35.00 0.20 0.00	35.42 0.31 0.00	35.15 0.32 0.00	38.02 0.25 0.00	35.29 0.14 0.00	30.07 -0.11 0.00	26.65 -0.11 0.00	32.17 -0.06 0.00	32.60 -0.07 0.00	30.48 -0.14 0.00	35.00 -0.04 0.00	30.15 -0.17 0.00	31.16 -0.35 -1.36	32.90 -0.25 -0.49	40.73 -0.31 0.00	50.17 -0.36 0.00	40.38 -0.18 -0.29	49.21 -0.06 0.00	43.17 -0.15 0.00	36.10 0.15 0.00	32.09 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	33.49 0.38 0.00	32.25 0.26 0.00	37.89 0.27 0.00	35.00 0.20 0.00	35.42 0.31 0.00	35.15 0.32 0.00	38.03 0.25 0.00	35.29 0.14 0.00	30.07 -0.11 0.00	26.64 -0.11 0.00	32.17 -0.06 0.00	32.60 -0.07 0.00	30.48 -0.14 0.00	35.00 -0.04 0.00	30.15 -0.17 0.00	31.16 -0.35 -1.36	32.90 -0.25 -0.49	40.72 -0.32 0.00	50.17 -0.35 0.00	40.39 -0.18 -0.29	49.21 -0.06 0.00	43.17 -0.15 0.00	36.10 0.15 0.00	32.09 0.00 0.00
HQ_GEN_IMPORT 323601	33.20 0.09 0.00	32.01 0.02 0.00	36.41 0.00 1.21	34.78 -0.02 0.00	35.15 0.05 0.00	34.87 0.04 0.00	37.78 -0.01 0.00	35.09 -0.06 0.00	30.02 -0.16 0.00	26.59 -0.16 0.00	32.08 -0.15 0.00	32.52 -0.16 0.00	30.46 -0.16 0.00	34.94 -0.10 0.00	30.17 -0.15 0.00	29.88 -0.27 0.00	32.44 -0.22 0.00	40.75 -0.29 0.00	50.13 -0.40 0.00	39.98 -0.28 0.00	49.07 -0.20 0.00	43.19 -0.13 0.00	35.88 -0.06 0.00	31.97 -0.12 0.00
HQ_GEN_WHEEL 23651	33.20 0.09 0.00	32.01 0.02 0.00	36.41 0.00 1.21	34.78 -0.02 0.00	35.15 0.05 0.00	34.87 0.04 0.00	37.78 -0.01 0.00	35.09 -0.06 0.00	30.02 -0.16 0.00	26.59 -0.16 0.00	32.08 -0.15 0.00	32.52 -0.16 0.00	30.46 -0.16 0.00	34.94 -0.10 0.00	30.17 -0.15 0.00	29.88 -0.27 0.00	32.44 -0.22 0.00	40.75 -0.29 0.00	50.13 -0.40 0.00	39.98 -0.28 0.00	49.07 -0.20 0.00	43.19 -0.13 0.00	35.88 -0.06 0.00	31.97 -0.12 0.00
HUDSON_AVE_GT_3 23810	47.46 2.05 -12.30	34.03 2.04 0.00	39.92 2.31 0.00	36.96 2.17 0.00	37.21 2.10 0.00	37.04 2.21 0.00	40.30 2.52 -0.01	46.43 2.58 -8.69	52.50 2.41 -19.91	54.34 2.23 -25.36	53.71 2.73 -18.75	73.61 2.83 -38.10	71.19 2.55 -38.01	79.39 2.67 -41.69	55.71 2.30 -23.08	53.48 2.35 -20.97	52.87 2.60 -17.60	53.69 3.34 -9.31	56.29 4.04 -1.72	51.81 3.25 -8.29	53.02 3.74 0.00	51.97 3.23 -5.41	51.03 2.60 -12.48	49.75 2.35 -15.30
HUDSON_AVE_GT_4 23540	47.46 2.05 -12.30	34.03 2.04 0.00	39.92 2.31 0.00	36.96 2.17 0.00	37.21 2.10 0.00	37.04 2.21 0.00	40.30 2.52 -0.01	46.43 2.58 -8.69	52.50 2.41 -19.91	54.34 2.23 -25.36	53.71 2.73 -18.75	73.61 2.83 -38.10	71.19 2.55 -38.01	79.39 2.67 -41.69	55.71 2.30 -23.08	53.48 2.35 -20.97	52.87 2.60 -17.60	53.69 3.34 -9.31	56.29 4.04 -1.72	51.81 3.25 -8.29	53.02 3.74 0.00	51.97 3.23 -5.41	51.03 2.60 -12.48	49.75 2.35 -15.30
HUDSON_AVE_GT_5 23657	47.46 2.05 -12.30	34.03 2.04 0.00	39.92 2.31 0.00	36.96 2.17 0.00	37.21 2.10 0.00	37.04 2.21 0.00	40.30 2.52 -0.01	46.43 2.58 -8.69	52.50 2.41 -19.91	54.34 2.23 -25.36	53.71 2.73 -18.75	73.61 2.83 -38.10	71.19 2.55 -38.01	79.39 2.67 -41.69	55.71 2.30 -23.08	53.48 2.35 -20.97	52.87 2.60 -17.60	53.69 3.34 -9.31	56.29 4.04 -1.72	51.81 3.25 -8.29	53.02 3.74 0.00	51.97 3.23 -5.41	51.03 2.60 -12.48	49.75 2.35 -15.30
HUDSON_AVE_10 24168	47.40 1.99 -12.30	33.97 1.98 0.00	39.85 2.24 0.00	36.89 2.10 0.00	37.14 2.03 0.00	36.96 2.13 0.00	40.23 2.45 -0.01	46.37 2.52 -8.69	52.46 2.37 -19.91	54.30 2.19 -25.36	53.65 2.66 -18.75	73.56 2.78 -38.10	71.15 2.52 -38.01	79.33 2.61 -41.69	55.66 2.26 -23.08	53.43 2.30 -20.97	52.83 2.56 -17.60	53.65 3.30 -9.31	56.22 3.97 -1.72	51.75 3.19 -8.29	52.96 3.68 0.00	51.92 3.19 -5.41	51.00 2.56 -12.48	49.70 2.30 -15.30
HUDSON___115KV_TB 4 355613	34.18 1.07 0.00	33.05 1.05 0.00	38.81 1.19 0.00	35.96 1.16 0.00	36.22 1.11 0.00	35.96 1.13 0.00	39.01 1.23 0.00	36.27 1.12 0.00	31.10 0.93 0.00	27.76 1.01 0.00	33.03 0.79 0.00	33.66 0.99 0.00	31.55 0.93 0.00	36.23 1.20 0.00	31.26 0.94 0.00	31.27 1.12 0.00	33.48 0.82 0.00	42.61 1.57 0.00	52.39 1.87 0.00	41.94 1.68 0.00	51.18 1.91 0.00	44.97 1.65 0.00	37.28 1.34 0.00	33.30 1.21 0.00
HUNTER MOUNT___DRP 323613	34.26 1.15 0.00	33.12 1.13 0.00	38.90 1.28 0.00	36.04 1.25 0.00	36.32 1.21 0.00	36.06 1.23 0.00	39.15 1.37 0.00	36.39 1.24 0.00	31.19 1.02 0.00	27.70 0.94 0.00	32.95 0.72 0.00	33.57 0.89 0.00	31.50 0.88 0.00	36.20 1.17 0.00	31.32 1.00 0.00	31.34 1.19 0.00	33.49 0.82 0.00	42.66 1.61 0.00	52.56 2.03 0.00	42.08 1.82 0.00	51.37 2.09 0.00	45.12 1.80 0.00	37.40 1.46 0.00	33.39 1.30 0.00
HUNTINGTON_RES_REC 323705	34.07 1.49 0.53	33.40 1.41 0.00	39.01 1.40 0.00	36.33 1.53 0.00	36.55 1.44 0.00	36.63 1.81 0.00	39.72 1.94 0.00	36.79 2.26 0.62	31.13 2.11 1.16	27.51 1.86 1.10	33.78 2.90 1.36	33.02 3.17 2.83	30.15 2.75 3.23	34.84 2.70 2.89	30.83 2.12 1.61	30.95 1.94 1.14	32.69 2.28 2.26	42.95 2.92 1.00	53.90 3.45 0.07	42.60 2.69 0.36	52.33 3.06 0.00	45.90 2.81 0.23	37.49 2.09 0.54	33.50 2.07 0.67
HUNTLEY___63 23557	30.73 -2.38 0.00	29.48 -2.52 0.00	34.72 -2.89 0.00	31.97 -2.82 0.00	32.56 -2.55 0.00	32.37 -2.46 0.00	35.14 -2.64 0.00	32.04 -2.70 0.41	19.77 -1.91 8.50	14.84 -1.61 10.31	21.47 -1.57 9.19	21.48 -1.80 9.40	19.59 -1.66 9.38	23.72 -1.64 9.67	21.01 -1.24 8.06	22.83 -1.35 5.98	27.23 -1.89 3.55	24.82 -2.38 13.84	32.16 -2.85 15.51	33.71 -2.45 4.11	46.86 -2.41 0.00	41.12 -2.20 0.00	33.64 -1.79 0.51	29.05 -2.03 1.01
HUNTLEY___64 23558	30.73 -2.38 0.00	29.48 -2.52 0.00	34.72 -2.89 0.00	31.97 -2.82 0.00	32.56 -2.55 0.00	32.37 -2.46 0.00	35.14 -2.64 0.00	32.04 -2.70 0.41	19.77 -1.91 8.50	14.84 -1.61 10.31	21.47 -1.57 9.19	21.48 -1.80 9.40	19.59 -1.66 9.38	23.72 -1.64 9.67	21.01 -1.24 8.06	22.83 -1.35 5.98	27.23 -1.89 3.55	24.82 -2.38 13.84	32.16 -2.85 15.51	33.71 -2.45 4.11	46.86 -2.41 0.00	41.12 -2.20 0.00	33.64 -1.79 0.51	29.05 -2.03 1.01
HUNTLEY___65 23559	30.73 -2.38 0.00	29.48 -2.52 0.00	34.72 -2.89 0.00	31.97 -2.82 0.00	32.56 -2.55 0.00	32.37 -2.46 0.00	35.14 -2.64 0.00	32.04 -2.70 0.41	19.77 -1.91 8.50	14.84 -1.61 10.31	21.47 -1.57 9.19	21.48 -1.80 9.40	19.59 -1.66 9.38	23.72 -1.64 9.67	21.01 -1.24 8.06	22.83 -1.35 5.98	27.23 -1.89 3.55	24.82 -2.38 13.84	32.16 -2.85 15.51	33.71 -2.45 4.11	46.86 -2.41 0.00	41.12 -2.20 0.00	33.64 -1.79 0.51	29.05 -2.03 1.01
HUNTLEY___66 23560	30.73 -2.38 0.00	29.48 -2.52 0.00	34.72 -2.89 0.00	31.97 -2.82 0.00	32.56 -2.55 0.00	32.37 -2.46 0.00	35.14 -2.64 0.00	32.04 -2.70 0.41	19.77 -1.91 8.50	14.84 -1.61 10.31	21.47 -1.57 9.19	21.48 -1.80 9.40	19.59 -1.66 9.38	23.72 -1.64 9.67	21.01 -1.24 8.06	22.83 -1.35 5.98	27.23 -1.89 3.55	24.82 -2.38 13.84	32.16 -2.85 15.51	33.71 -2.45 4.11	46.86 -2.41 0.00	41.12 -2.20 0.00	33.64 -1.79 0.51	29.05 -2.03 1.01



HUNTLEY___67 23561	30.62 -2.49 0.00	29.42 -2.57 0.00	34.65 -2.96 0.00	31.90 -2.89 0.00	32.48 -2.63 0.00	32.26 -2.57 0.00	35.03 -2.75 0.00	31.84 -2.81 0.50	17.71 -1.90 10.57	12.33 -1.63 12.79	19.22 -1.61 11.40	19.13 -1.86 11.68	17.34 -1.76 11.52	21.57 -1.84 11.63	19.98 -1.53 8.80	22.01 -1.62 6.52	26.40 -2.16 4.11	22.97 -2.84 15.23	29.74 -3.29 17.49	32.78 -2.73 4.75	46.62 -2.66 0.00	40.90 -2.42 0.00	33.37 -1.98 0.59	28.76 -2.17 1.16
HUNTLEY___68 23562	30.62 -2.49 0.00	29.42 -2.57 0.00	34.65 -2.96 0.00	31.90 -2.89 0.00	32.48 -2.63 0.00	32.26 -2.57 0.00	35.03 -2.75 0.00	31.84 -2.81 0.50	17.71 -1.90 10.57	12.33 -1.63 12.79	19.22 -1.61 11.40	19.13 -1.86 11.68	17.34 -1.76 11.52	21.57 -1.84 11.63	19.98 -1.53 8.80	22.01 -1.62 6.52	26.40 -2.16 4.11	22.97 -2.84 15.23	29.74 -3.29 17.49	32.78 -2.73 4.75	46.62 -2.66 0.00	40.90 -2.42 0.00	33.37 -1.98 0.59	28.76 -2.17 1.16
HYLAND___LFG 323620	32.49 -0.62 0.00	31.29 -0.70 0.00	36.92 -0.70 0.00	34.09 -0.71 0.00	34.71 -0.40 0.00	34.69 -0.14 0.00	37.91 0.12 0.00	35.61 -0.99 -1.45	58.05 -2.10 -29.97	60.07 -2.92 -36.23	61.04 -3.48 -32.29	61.56 -3.36 -32.25	59.71 -2.83 -31.91	67.10 -1.03 -33.09	57.09 -0.86 -27.63	49.85 -0.78 -20.47	43.89 -0.91 -12.13	88.30 -0.22 -47.48	104.53 0.34 -53.66	54.94 0.34 -14.33	50.28 1.00 0.00	43.95 0.63 0.00	38.19 0.40 -1.84	35.72 0.01 -3.62
INDECK___CORINTH 23802	35.07 1.96 0.00	33.76 1.77 0.00	39.68 2.07 0.00	36.30 1.50 0.00	36.69 1.58 0.00	36.54 1.71 0.00	40.04 2.26 0.00	37.45 2.30 0.00	31.97 1.80 0.00	27.83 1.07 0.00	33.34 1.10 0.00	33.93 1.25 0.00	31.83 1.20 0.00	36.49 1.46 0.00	31.62 1.30 0.00	31.53 1.37 0.00	34.24 1.58 0.00	43.40 2.36 0.00	53.51 2.98 0.00	42.67 2.40 0.00	52.09 2.82 0.00	45.64 2.32 0.00	37.78 1.84 0.00	33.66 1.57 0.00
INDECK___ILION 23567	33.09 -0.02 0.00	32.10 0.11 0.00	37.84 0.23 0.00	35.20 0.41 0.00	35.38 0.28 0.00	34.93 0.10 0.00	38.30 0.52 0.00	35.73 0.58 0.00	29.92 -0.26 0.00	25.85 -0.91 0.00	30.79 -1.44 0.00	31.37 -1.31 0.00	30.48 -0.15 0.00	33.89 -1.14 0.00	30.10 -0.21 0.00	30.80 0.65 0.00	31.92 -0.75 0.00	40.69 -0.35 0.00	50.79 0.26 0.00	40.80 0.53 0.00	49.69 0.42 0.00	43.68 0.36 0.00	36.12 0.17 0.00	32.20 0.10 0.00
INDECK___OLEAN 23982	32.54 -0.57 0.00	31.45 -0.54 0.00	37.07 -0.54 0.00	34.18 -0.61 0.00	34.68 -0.43 0.00	34.36 -0.47 0.00	37.38 -0.40 0.00	34.65 -0.40 0.10	27.88 -0.02 2.27	24.10 0.11 2.76	30.13 0.36 2.46	30.19 0.11 2.59	27.94 -0.08 2.60	32.42 0.00 2.61	28.52 0.37 2.17	28.90 0.35 1.61	33.76 -0.01 -1.11	38.68 0.05 2.41	46.84 0.30 3.99	38.82 -0.43 1.02	49.09 -0.18 0.00	42.88 -0.44 0.00	35.58 -0.25 0.12	31.60 -0.25 0.24
INDECK___OSWEGO 23783	32.19 -0.92 0.00	31.11 -0.88 0.00	36.59 -1.03 0.00	33.82 -0.98 0.00	34.13 -0.98 0.00	33.88 -0.94 0.00	36.74 -1.04 0.00	34.13 -1.02 0.00	29.33 -0.85 0.00	26.02 -0.73 0.00	31.35 -0.88 0.00	31.66 -1.02 0.00	29.69 -0.93 0.00	33.95 -1.08 0.00	29.40 -0.92 0.00	29.28 -0.88 0.00	31.68 -0.99 0.00	39.79 -1.25 0.00	49.13 -1.40 0.00	39.16 -1.10 0.00	47.93 -1.34 0.00	42.10 -1.22 0.00	34.91 -1.04 0.00	31.21 -0.88 0.00
INDECK___YERKES 23781	30.71 -2.40 0.00	29.51 -2.49 0.00	34.76 -2.85 0.00	32.02 -2.77 0.00	32.59 -2.52 0.00	32.41 -2.42 0.00	35.16 -2.63 0.00	32.08 -2.67 0.41	19.87 -1.80 8.50	15.00 -1.45 10.31	21.57 -1.48 9.19	21.52 -1.76 9.40	19.61 -1.64 9.38	23.80 -1.56 9.67	21.09 -1.17 8.06	22.88 -1.29 5.98	27.30 -1.82 3.55	24.96 -2.24 13.84	32.30 -2.71 15.51	33.79 -2.37 4.11	46.91 -2.36 0.00	41.17 -2.15 0.00	33.68 -1.76 0.51	29.09 -2.00 1.01
INDIAN POINT_GT_1 24139	34.73 1.62 0.00	33.61 1.62 0.00	39.43 1.82 0.00	36.52 1.72 0.00	36.75 1.65 0.00	36.57 1.74 0.00	39.76 1.99 0.00	37.48 2.06 -0.27	32.45 1.95 -0.32	28.58 1.82 0.00	34.46 2.23 0.00	35.01 2.33 0.00	32.71 2.09 0.00	37.18 2.15 0.00	32.19 1.88 0.00	32.08 1.92 0.00	34.80 2.14 0.00	43.78 2.73 0.00	53.89 3.36 0.00	42.94 2.67 0.00	52.29 3.02 0.00	45.94 2.62 0.00	38.01 2.06 0.00	33.97 1.87 0.00
INDIAN POINT_GT_2 23659	34.73 1.62 0.00	33.61 1.62 0.00	39.43 1.82 0.00	36.52 1.72 0.00	36.75 1.65 0.00	36.57 1.74 0.00	39.76 1.99 0.00	37.48 2.06 -0.27	32.45 1.95 -0.32	28.58 1.82 0.00	34.46 2.23 0.00	35.01 2.33 0.00	32.71 2.09 0.00	37.18 2.15 0.00	32.19 1.88 0.00	32.08 1.92 0.00	34.80 2.14 0.00	43.78 2.73 0.00	53.89 3.36 0.00	42.94 2.67 0.00	52.29 3.02 0.00	45.94 2.62 0.00	38.01 2.06 0.00	33.97 1.87 0.00
INDIAN POINT_GT_3 24019	34.73 1.62 0.00	33.61 1.62 0.00	39.43 1.82 0.00	36.52 1.72 0.00	36.75 1.65 0.00	36.57 1.74 0.00	39.76 1.99 0.00	37.48 2.06 -0.27	32.45 1.95 -0.32	28.58 1.82 0.00	34.46 2.23 0.00	35.01 2.33 0.00	32.71 2.09 0.00	37.18 2.15 0.00	32.19 1.88 0.00	32.08 1.92 0.00	34.80 2.14 0.00	43.78 2.73 0.00	53.89 3.36 0.00	42.94 2.67 0.00	52.29 3.02 0.00	45.94 2.62 0.00	38.01 2.06 0.00	33.97 1.87 0.00
INDIAN POINT___2 23530	35.21 1.76 -0.34	33.74 1.75 0.00	39.59 1.97 0.00	36.66 1.86 0.00	36.90 1.79 0.00	36.71 1.89 0.00	39.93 2.15 0.00	37.76 2.22 -0.40	33.01 2.09 -0.74	29.40 1.94 -0.71	35.15 2.39 -0.52	36.25 2.51 -1.06	33.93 2.25 -1.06	38.51 2.32 -1.16	32.97 2.01 -0.64	32.80 2.06 -0.59	35.45 2.29 -0.49	44.22 2.92 -0.26	54.14 3.56 -0.05	43.34 2.84 -0.23	52.51 3.24 0.00	46.28 2.80 -0.15	38.53 2.23 -0.35	34.54 2.02 -0.43
INDIAN POINT___3 23531	34.62 1.51 0.00	33.51 1.52 0.00	39.32 1.71 0.00	36.40 1.61 0.00	36.64 1.53 0.00	36.45 1.62 0.00	39.62 1.84 0.00	37.30 1.92 -0.23	32.29 1.83 -0.28	28.48 1.72 0.00	34.34 2.10 0.00	34.88 2.20 0.00	32.61 1.98 0.00	37.06 2.03 0.00	32.08 1.77 0.00	31.98 1.82 0.00	34.70 2.04 0.00	43.64 2.60 0.00	53.71 3.18 0.00	42.77 2.50 0.00	52.06 2.79 0.00	45.73 2.41 0.00	37.84 1.90 0.00	33.83 1.73 0.00
INGHAM_C_115KV_TB7 356103	33.03 -0.07 0.00	32.06 0.07 0.00	37.78 0.16 0.00	35.15 0.36 0.00	35.31 0.21 0.00	34.87 0.04 0.00	38.25 0.47 0.00	35.64 0.49 0.00	29.77 -0.41 0.00	25.68 -1.08 0.00	30.60 -1.63 0.00	31.21 -1.47 0.00	30.39 -0.23 0.00	33.72 -1.32 0.00	30.03 -0.29 0.00	30.75 0.59 0.00	31.74 -0.93 0.00	40.54 -0.50 0.00	50.70 0.17 0.00	40.77 0.50 0.00	49.64 0.37 0.00	43.65 0.33 0.00	36.11 0.16 0.00	32.20 0.10 0.00
IP CORINTH___1 23988	35.07 1.96 0.00	33.76 1.77 0.00	39.68 2.07 0.00	36.30 1.51 0.00	36.69 1.58 0.00	36.54 1.71 0.00	40.04 2.26 0.00	37.45 2.30 0.00	31.98 1.80 0.00	27.83 1.08 0.00	33.34 1.10 0.00	33.93 1.25 0.00	31.83 1.20 0.00	36.49 1.46 0.00	31.62 1.30 0.00	31.53 1.37 0.00	34.24 1.58 0.00	43.40 2.36 0.00	53.51 2.98 0.00	42.67 2.40 0.00	52.09 2.82 0.00	45.64 2.32 0.00	37.79 1.84 0.00	33.66 1.57 0.00

IP___TICONDEROGA 23804	36.09 2.98 0.00	34.57 2.58 0.00	40.59 2.97 0.00	37.18 2.38 0.00	37.76 2.65 0.00	37.78 2.95 0.00	41.28 3.50 0.00	38.56 3.41 0.00	32.86 2.68 0.00	28.52 1.76 0.00	33.75 1.51 0.00	34.21 1.54 0.00	32.19 1.57 0.00	37.09 2.06 0.00	32.13 1.82 0.00	31.83 1.67 0.00	34.95 2.29 0.00	44.90 3.85 0.00	55.02 4.49 0.00	43.95 3.68 0.00	53.59 4.31 0.00	46.72 3.40 0.00	38.69 2.75 0.00	34.40 2.30 0.00
ISLIP_RES_REC 323679	34.38 1.80 0.53	33.67 1.68 0.00	39.31 1.70 0.00	36.70 1.90 0.00	36.99 1.88 0.00	37.20 2.37 0.00	40.31 2.53 0.00	37.35 2.82 0.62	31.57 2.55 1.16	27.85 2.19 1.10	34.23 3.32 1.33	33.53 3.61 2.76	30.58 3.10 3.15	35.33 3.13 2.84	31.19 2.45 1.58	31.30 2.24 1.09	33.13 2.65 2.19	43.51 3.44 0.97	54.66 4.20 0.07	43.12 3.21 0.36	53.02 3.75 0.00	46.50 3.41 0.23	37.90 2.50 0.54	33.83 2.40 0.67
JAMAICA__27_KV_LOAD 355505	47.46 2.05 -12.30	34.03 2.03 0.00	39.90 2.29 0.00	36.92 2.13 0.00	37.17 2.06 0.00	37.01 2.18 0.00	40.29 2.51 -0.01	46.47 2.64 -8.69	52.58 2.49 -19.91	54.40 2.29 -25.36	53.75 2.77 -18.75	73.72 2.94 -38.10	71.29 2.66 -38.01	79.47 2.75 -41.69	55.77 2.37 -23.08	53.54 2.42 -20.97	52.98 2.71 -17.60	53.83 3.47 -9.31	56.40 4.16 -1.72	51.94 3.38 -8.29	53.19 3.92 0.00	52.14 3.40 -5.41	51.17 2.74 -12.48	49.83 2.43 -15.30
JANIS___SOLAR 323808	33.48 0.37 0.00	32.37 0.38 0.00	38.22 0.61 0.00	35.50 0.70 0.00	35.87 0.76 0.00	35.40 0.58 0.00	38.83 1.05 0.00	36.40 1.15 -0.09	32.79 0.67 -1.94	29.22 0.16 -2.30	34.06 -0.20 -2.02	34.31 -0.42 -2.05	32.56 -0.11 -2.04	37.66 0.50 -2.13	32.31 0.11 -1.88	31.51 -0.04 -1.40	33.63 0.14 -0.83	44.65 0.38 -3.23	55.96 1.77 -3.66	42.36 1.11 -0.98	50.69 1.42 0.00	44.48 1.15 0.00	36.66 0.59 -0.12	32.96 0.62 -0.24
JARVIS____ 23743	33.11 0.00 0.00	32.02 0.03 0.00	37.66 0.04 0.00	34.86 0.07 0.00	35.14 0.04 0.00	34.87 0.04 0.00	37.85 0.07 0.00	35.25 0.10 0.00	30.26 0.09 0.00	26.80 0.05 0.00	32.26 0.03 0.00	32.72 0.05 0.00	30.66 0.04 0.00	35.02 -0.02 0.00	30.34 0.02 0.00	30.23 0.08 0.00	32.73 0.06 0.00	41.15 0.11 0.00	50.65 0.12 0.00	40.41 0.14 0.00	49.38 0.11 0.00	43.41 0.09 0.00	36.00 0.05 0.00	32.16 0.06 0.00
JENNISON___1 23625	33.02 -0.09 0.00	32.26 0.27 0.00	38.26 0.64 0.00	35.45 0.65 0.00	35.58 0.47 0.00	34.84 0.01 0.00	38.52 0.74 0.00	36.41 1.26 0.00	31.14 0.97 0.00	27.31 0.55 0.00	32.51 0.28 0.00	32.73 0.05 0.00	30.76 0.14 0.00	35.58 0.55 0.00	31.64 0.28 -1.04	31.11 0.14 -0.81	33.29 0.15 -0.48	42.37 -0.55 -1.89	54.54 1.87 -2.14	41.43 0.58 -0.57	49.16 -0.11 0.00	43.30 -0.02 0.00	35.43 -0.52 0.00	31.90 -0.20 0.00
JENNISON___2 23626	33.02 -0.09 0.00	32.26 0.27 0.00	38.26 0.64 0.00	35.45 0.65 0.00	35.58 0.47 0.00	34.84 0.01 0.00	38.52 0.74 0.00	36.41 1.26 0.00	31.14 0.97 0.00	27.31 0.55 0.00	32.51 0.28 0.00	32.73 0.05 0.00	30.76 0.14 0.00	35.58 0.55 0.00	31.64 0.28 -1.04	31.11 0.14 -0.81	33.29 0.15 -0.48	42.37 -0.55 -1.89	54.54 1.87 -2.14	41.43 0.58 -0.57	49.16 -0.11 0.00	43.30 -0.02 0.00	35.43 -0.52 0.00	31.90 -0.20 0.00
JERICHO_RISE_WT_PWR 323719	33.38 0.27 0.00	31.92 -0.07 0.00	37.48 -0.13 0.00	34.57 -0.23 0.00	35.03 -0.08 0.00	34.80 -0.02 0.00	37.41 -0.37 0.00	34.63 -0.52 0.00	29.29 -0.88 0.00	25.77 -0.99 0.00	31.02 -1.22 0.00	31.56 -1.12 0.00	29.65 -0.98 0.00	34.21 -0.82 0.00	29.29 -1.04 0.00	2.34 -1.43 26.39	22.11 -1.07 9.48	39.97 -1.07 0.00	49.14 -1.39 0.00	33.06 -1.48 5.73	48.01 -1.27 0.00	42.52 -0.80 0.00	35.23 -0.72 0.00	31.35 -0.74 0.00
KATONAH___115KV_46KV_TB4 355592	34.82 1.71 0.00	33.70 1.70 0.00	39.55 1.93 0.00	36.61 1.81 0.00	36.86 1.75 0.00	36.67 1.85 0.00	39.90 2.13 0.00	37.33 2.18 0.00	32.24 2.06 0.00	28.68 1.93 0.00	34.57 2.34 0.00	35.12 2.44 0.00	32.80 2.18 0.00	37.30 2.26 0.00	32.29 1.97 0.00	32.18 2.03 0.00	34.91 2.24 0.00	43.90 2.86 0.00	54.08 3.55 0.00	43.09 2.82 0.00	52.49 3.22 0.00	46.11 2.78 0.00	38.15 2.20 0.00	34.06 1.97 0.00
KCE_NY_1 323755	34.68 1.57 0.00	33.47 1.48 0.00	39.40 1.79 0.00	36.18 1.39 0.00	36.50 1.40 0.00	36.30 1.47 0.00	39.65 1.87 0.00	37.07 1.92 0.00	31.62 1.44 0.00	27.72 0.96 0.00	33.34 1.10 0.00	33.90 1.22 0.00	31.79 1.17 0.00	36.43 1.40 0.00	31.56 1.25 0.00	31.52 1.37 0.00	34.18 1.51 0.00	43.11 2.07 0.00	53.27 2.74 0.00	42.49 2.22 0.00	51.76 2.49 0.00	45.44 2.11 0.00	37.60 1.66 0.00	33.56 1.47 0.00
KCE_NY_6_ESR 323823	31.01 -2.10 0.00	29.83 -2.17 0.00	35.16 -2.46 0.00	32.37 -2.42 0.00	32.94 -2.17 0.00	32.73 -2.10 0.00	35.57 -2.21 0.00	32.37 -2.29 0.50	18.23 -1.49 10.45	12.83 -1.26 12.67	19.69 -1.25 11.29	19.48 -1.61 11.59	17.55 -1.51 11.57	21.68 -1.50 11.85	19.32 -1.11 9.88	21.63 -1.20 7.33	26.33 -1.65 4.68	21.71 -2.10 17.23	29.20 -2.52 18.81	33.08 -2.25 4.94	47.19 -2.09 0.00	41.37 -1.96 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21
KEDC_PORT_JEFF_GT2 24210	34.26 1.68 0.53	33.57 1.57 0.00	39.19 1.58 0.00	36.57 1.78 0.00	36.87 1.76 0.00	37.06 2.23 0.00	40.14 2.36 0.00	37.18 2.64 0.62	31.41 2.39 1.16	27.69 2.04 1.10	33.99 3.12 1.37	33.24 3.42 2.86	30.30 2.95 3.27	35.04 2.93 2.92	30.99 2.30 1.63	31.12 2.10 1.14	32.86 2.49 2.30	43.25 3.22 1.02	54.38 3.93 0.07	42.90 3.00 0.36	52.77 3.49 0.00	46.28 3.19 0.23	37.75 2.35 0.54	33.71 2.28 0.67
KEDC_PORT_JEFF_GT3 24211	34.26 1.68 0.53	33.57 1.57 0.00	39.19 1.58 0.00	36.57 1.78 0.00	36.87 1.76 0.00	37.06 2.23 0.00	40.14 2.36 0.00	37.18 2.64 0.62	31.41 2.39 1.16	27.69 2.04 1.10	33.99 3.12 1.37	33.24 3.42 2.86	30.30 2.95 3.27	35.04 2.93 2.92	30.99 2.30 1.63	31.12 2.10 1.14	32.86 2.49 2.30	43.25 3.22 1.02	54.38 3.93 0.07	42.90 3.00 0.36	52.77 3.49 0.00	46.28 3.19 0.23	37.75 2.35 0.54	33.71 2.28 0.67
KEDC_GLWD_GT4 24219	34.47 1.90 0.53	33.82 1.82 0.00	39.61 2.00 0.00	36.74 1.94 0.00	36.96 1.85 0.00	36.86 2.03 0.00	40.06 2.28 0.00	36.98 2.44 0.62	31.34 2.32 1.16	27.78 2.13 1.10	35.44 2.82 -0.39	36.58 2.97 -0.94	35.05 2.65 -1.77	38.33 2.71 -0.58	32.94 2.28 -0.34	32.05 2.28 0.39	37.71 2.59 -2.46	45.10 3.24 -0.82	54.30 3.85 0.07	43.01 3.11 0.36	52.78 3.50 0.00	46.18 3.10 0.23	37.83 2.43 0.54	33.71 2.28 0.67
KEDC_GLWD_GT5 24220	34.47 1.90 0.53	33.82 1.82 0.00	39.61 2.00 0.00	36.74 1.94 0.00	36.96 1.85 0.00	36.86 2.03 0.00	40.06 2.28 0.00	36.98 2.44 0.62	31.34 2.32 1.16	27.78 2.13 1.10	35.44 2.82 -0.39	36.58 2.97 -0.94	35.05 2.65 -1.77	38.33 2.71 -0.58	32.94 2.28 -0.34	32.05 2.28 0.39	37.71 2.59 -2.46	45.10 3.24 -0.82	54.30 3.85 0.07	43.01 3.11 0.36	52.78 3.50 0.00	46.18 3.10 0.23	37.83 2.43 0.54	33.71 2.28 0.67

KENSICO____ 23655	35.11 1.71 -0.29	33.71 1.71 0.00	39.54 1.93 0.00	36.61 1.82 0.00	36.85 1.75 0.00	36.67 1.85 0.00	39.88 2.10 0.00	37.65 2.17 -0.33	32.84 2.04 -0.62	29.26 1.91 -0.59	35.02 2.34 -0.44	36.01 2.44 -0.89	33.71 2.20 -0.88	38.27 2.27 -0.97	32.82 1.96 -0.54	32.67 2.03 -0.49	35.32 2.25 -0.41	44.13 2.87 -0.22	54.07 3.51 -0.04	43.25 2.79 -0.19	52.44 3.17 0.00	46.19 2.74 -0.13	38.41 2.17 -0.29	34.42 1.97 -0.35
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.83 1.72 0.00	33.72 1.73 0.00	39.62 2.00 0.00	36.66 1.86 0.00	36.90 1.79 0.00	36.71 1.88 0.00	39.97 2.19 0.00	37.39 2.24 0.00	32.29 2.11 0.00	28.65 1.89 0.00	34.42 2.18 0.00	35.02 2.34 0.00	32.55 1.93 0.00	37.08 2.05 0.00	32.04 1.73 0.00	32.06 1.90 0.00	34.94 2.27 0.00	43.69 2.65 0.00	54.05 3.52 0.00	43.19 2.93 0.00	52.67 3.39 0.00	46.25 2.92 0.00	38.24 2.29 0.00	34.12 2.03 0.00
KIAC_JFK_GT1 23816	47.27 1.86 -12.30	33.84 1.84 0.00	39.69 2.08 0.00	36.73 1.93 0.00	36.97 1.87 0.00	36.78 1.95 0.00	39.92 2.14 -0.01	46.12 2.28 -8.69	52.27 2.18 -19.91	54.15 2.03 -25.36	53.44 2.46 -18.75	73.39 2.62 -38.10	70.99 2.35 -38.01	79.12 2.41 -41.69	55.48 2.08 -23.08	53.24 2.12 -20.97	52.66 2.39 -17.60	53.43 3.08 -9.31	55.90 3.65 -1.72	51.54 2.98 -8.29	52.70 3.41 0.00	51.71 2.97 -5.41	50.82 2.39 -12.48	49.54 2.14 -15.30
KIAC_JFK_GT2 23817	47.27 1.86 -12.30	33.84 1.84 0.00	39.69 2.08 0.00	36.73 1.93 0.00	36.97 1.87 0.00	36.78 1.95 0.00	39.92 2.14 -0.01	46.12 2.28 -8.69	52.27 2.18 -19.91	54.15 2.03 -25.36	53.44 2.46 -18.75	73.39 2.62 -38.10	70.99 2.35 -38.01	79.12 2.41 -41.69	55.48 2.08 -23.08	53.24 2.12 -20.97	52.66 2.39 -17.60	53.43 3.08 -9.31	55.90 3.65 -1.72	51.54 2.98 -8.29	52.70 3.41 0.00	51.71 2.97 -5.41	50.82 2.39 -12.48	49.54 2.14 -15.30
KIAC_JFK____ 323774	47.25 1.84 -12.30	33.84 1.84 0.00	39.69 2.08 0.00	36.73 1.93 0.00	36.97 1.87 0.00	36.78 1.95 0.00	39.92 2.14 -0.01	46.12 2.28 -8.69	52.27 2.18 -19.91	54.14 2.02 -25.36	53.44 2.45 -18.75	73.36 2.58 -38.10	70.99 2.35 -38.01	79.16 2.45 -41.69	55.46 2.06 -23.08	53.23 2.10 -20.97	52.66 2.39 -17.60	53.42 3.07 -9.31	55.90 3.65 -1.72	51.54 2.97 -8.29	52.69 3.41 0.00	51.68 2.95 -5.41	50.78 2.35 -12.48	49.50 2.10 -15.30
KINTIGH____ 23543	31.11 -1.99 0.00	29.95 -2.05 0.00	35.24 -2.37 0.00	32.51 -2.29 0.00	33.01 -2.10 0.00	32.79 -2.04 0.00	35.59 -2.19 0.00	32.70 -2.25 0.20	24.24 -1.72 4.22	20.22 -1.44 5.10	26.27 -1.42 4.55	26.52 -1.52 4.64	24.60 -1.40 4.62	28.84 -1.38 4.82	25.24 -1.07 4.01	26.07 -1.11 2.98	29.44 -1.46 1.76	32.15 -1.99 6.91	40.33 -2.36 7.84	36.20 -1.96 2.11	47.42 -1.86 0.00	41.58 -1.74 0.00	34.24 -1.44 0.26	30.01 -1.57 0.52
KNTFSRNC_46_KV_46KV_LOAD 80397	33.81 0.70 0.00	32.35 0.36 0.00	37.95 0.33 0.00	34.99 0.19 0.00	35.43 0.33 0.00	35.25 0.42 0.00	37.92 0.14 0.00	35.18 0.03 0.00	29.71 -0.46 0.00	26.09 -0.66 0.00	31.32 -0.92 0.00	31.91 -0.77 0.00	30.07 -0.56 0.00	34.60 -0.43 0.00	29.70 -0.62 0.00	4.04 -1.16 24.96	22.84 -0.86 8.97	40.35 -0.69 0.00	49.73 -0.80 0.00	33.89 -0.96 5.42	48.70 -0.58 0.00	43.14 -0.19 0.00	35.77 -0.18 0.00	31.80 -0.29 0.00
LACHUTE__HYDRO 323717	36.09 2.98 0.00	34.57 2.58 0.00	40.59 2.97 0.00	37.18 2.38 0.00	37.76 2.65 0.00	37.78 2.95 0.00	41.28 3.50 0.00	38.56 3.41 0.00	32.86 2.68 0.00	28.52 1.77 0.00	33.75 1.51 0.00	34.21 1.53 0.00	32.19 1.57 0.00	37.09 2.06 0.00	32.13 1.81 0.00	31.82 1.67 0.00	34.95 2.29 0.00	44.90 3.86 0.00	55.02 4.49 0.00	43.95 3.68 0.00	53.59 4.31 0.00	46.72 3.40 0.00	38.70 2.75 0.00	34.40 2.30 0.00
LAWRNCV_115KV_TB1 80681	32.89 -0.22 0.00	31.66 -0.33 0.00	37.18 -0.43 0.00	34.34 -0.46 0.00	34.78 -0.33 0.00	34.58 -0.25 0.00	37.38 -0.40 0.00	34.66 -0.49 0.00	29.47 -0.70 0.00	26.10 -0.65 0.00	31.49 -0.74 0.00	31.91 -0.77 0.00	29.76 -0.86 0.00	34.13 -0.90 0.00	29.36 -0.96 0.00	32.48 -1.11 -3.43	32.88 -1.02 -1.23	39.83 -1.22 0.00	49.23 -1.30 0.00	40.13 -0.89 -0.75	48.39 -0.89 0.00	42.45 -0.88 0.00	35.45 -0.50 0.00	31.49 -0.61 0.00
LEDERLE____ 23769	34.68 1.57 0.00	33.58 1.58 0.00	39.39 1.78 0.00	36.45 1.66 0.00	36.69 1.58 0.00	36.51 1.69 0.00	39.67 1.89 0.00	37.14 1.99 0.00	32.08 1.91 0.00	28.54 1.79 0.00	34.44 2.21 0.00	34.98 2.30 0.00	32.71 2.08 0.00	37.18 2.15 0.00	32.20 1.89 0.00	32.10 1.95 0.00	34.81 2.15 0.00	43.78 2.74 0.00	53.91 3.39 0.00	42.89 2.62 0.00	52.19 2.92 0.00	45.83 2.51 0.00	37.90 1.96 0.00	33.87 1.78 0.00
LIGHTHSE_115KV_TB6 355974	32.17 -0.94 0.00	31.06 -0.93 0.00	36.54 -1.07 0.00	33.71 -1.09 0.00	34.10 -1.01 0.00	33.94 -0.89 0.00	36.78 -1.00 0.00	34.17 -0.98 0.00	29.41 -0.76 0.00	26.02 -0.73 0.00	31.39 -0.85 0.00	31.43 -1.25 0.00	29.33 -1.29 0.00	33.52 -1.51 0.00	29.01 -1.31 0.00	28.97 -1.18 0.00	31.33 -1.34 0.00	39.67 -1.37 0.00	49.26 -1.27 0.00	39.26 -1.01 0.00	48.09 -1.18 0.00	42.21 -1.11 0.00	34.94 -1.00 0.00	31.17 -0.93 0.00
LINDEN COGEN____ 23786	47.25 1.83 -12.30	33.84 1.85 0.00	39.71 2.10 0.00	36.77 1.97 0.00	37.02 1.91 0.00	36.84 2.01 0.00	40.07 2.29 -0.01	46.21 2.37 -8.69	52.30 2.21 -19.91	54.14 2.03 -25.36	53.46 2.47 -18.75	73.36 2.58 -38.10	70.94 2.31 -38.01	79.11 2.39 -41.69	55.47 2.06 -23.08	53.26 2.13 -20.97	52.64 2.37 -17.60	53.38 3.03 -9.31	55.90 3.65 -1.72	51.52 2.96 -8.29	52.62 3.34 0.00	51.64 2.91 -5.41	50.77 2.34 -12.48	49.52 2.12 -15.30
LINDHRST_69_KV_BK1 356055	34.57 2.00 0.53	33.86 1.87 0.00	39.58 1.97 0.00	36.81 2.01 0.00	37.05 1.94 0.00	37.10 2.27 0.00	40.27 2.49 0.00	37.30 2.77 0.62	31.63 2.61 1.16	27.98 2.33 1.10	34.94 3.34 0.63	34.97 3.56 1.26	32.50 3.14 1.26	36.77 3.18 1.45	32.08 2.56 0.80	31.71 2.39 0.83	35.03 2.83 0.46	44.20 3.56 0.40	54.65 4.20 0.07	43.28 3.37 0.36	53.14 3.87 0.00	46.62 3.53 0.23	38.08 2.68 0.54	33.97 2.54 0.67
LIPA_MISC_IPP 23656	33.88 1.31 0.53	33.23 1.23 0.00	38.79 1.17 0.00	36.31 1.51 0.00	36.66 1.55 0.00	36.97 2.15 0.00	39.99 2.21 0.00	36.99 2.46 0.62	31.16 2.14 1.16	27.41 1.76 1.10	33.65 2.81 1.39	32.87 3.10 2.90	29.92 2.63 3.33	34.60 2.53 2.96	30.66 1.99 1.65	30.60 1.75 1.30	32.45 2.14 2.36	42.77 2.77 1.04	53.93 3.48 0.07	42.46 2.55 0.36	52.25 2.98 0.00	45.92 2.83 0.23	37.42 2.02 0.54	33.36 1.93 0.67
LISF__SOLAR 323691	33.92 1.35 0.53	33.26 1.27 0.00	38.82 1.21 0.00	36.35 1.55 0.00	36.71 1.60 0.00	37.04 2.21 0.00	40.05 2.28 0.00	37.06 2.53 0.62	31.21 2.19 1.16	27.43 1.77 1.10	33.71 2.86 1.39	32.97 3.18 2.89	29.98 2.67 3.31	34.68 2.60 2.95	30.70 2.02 1.64	30.55 1.76 1.37	32.49 2.17 2.34	42.86 2.85 1.03	54.02 3.56 0.07	42.54 2.63 0.36	52.35 3.08 0.00	45.95 2.86 0.23	37.43 2.02 0.54	33.41 1.98 0.67

LITTLE FALLS___HYD 24013	33.03 -0.07 0.00	32.06 0.07 0.00	37.78 0.16 0.00	35.15 0.36 0.00	35.31 0.21 0.00	34.87 0.04 0.00	38.25 0.47 0.00	35.64 0.49 0.00	29.77 -0.41 0.00	25.68 -1.08 0.00	30.60 -1.63 0.00	31.21 -1.47 0.00	30.39 -0.23 0.00	33.72 -1.32 0.00	30.03 -0.29 0.00	30.75 0.59 0.00	31.74 -0.93 0.00	40.54 -0.50 0.00	50.70 0.17 0.00	40.77 0.50 0.00	49.64 0.37 0.00	43.65 0.33 0.00	36.11 0.16 0.00	32.20 0.10 0.00
LITTLRIV_115KV_TB1 356100	33.39 0.28 0.00	32.14 0.14 0.00	37.72 0.11 0.00	34.83 0.04 0.00	35.30 0.19 0.00	35.12 0.29 0.00	38.04 0.27 0.00	35.19 0.04 0.00	29.74 -0.44 0.00	26.44 -0.31 0.00	31.93 -0.31 0.00	32.40 -0.27 0.00	30.08 -0.54 0.00	34.42 -0.61 0.00	29.57 -0.75 0.00	33.07 -0.85 -3.77	33.28 -0.74 -1.36	40.14 -0.90 0.00	50.00 -0.53 0.00	40.90 -0.19 -0.82	49.31 0.03 0.00	43.21 -0.11 0.00	36.05 0.10 0.00	31.98 -0.12 0.00
LI_NEWBRDGE___DRP 323616	34.20 1.62 0.53	33.51 1.52 0.00	39.20 1.59 0.00	36.43 1.63 0.00	36.63 1.53 0.00	36.61 1.78 0.00	39.71 1.93 0.00	36.75 2.22 0.62	31.14 2.12 1.16	27.59 1.93 1.10	33.22 2.77 1.79	31.87 2.94 3.75	28.77 2.59 4.44	33.89 2.60 3.74	30.35 2.12 2.09	30.87 2.05 1.34	31.64 2.38 3.41	42.56 2.95 1.44	53.88 3.43 0.07	42.69 2.78 0.36	52.33 3.06 0.00	45.92 2.84 0.23	37.59 2.18 0.54	33.54 2.11 0.67
LOCKPORT_115KV_TB60_63_64 80432	30.44 -2.67 0.00	29.22 -2.78 0.00	34.40 -3.22 0.00	31.67 -3.13 0.00	32.29 -2.81 0.00	32.10 -2.72 0.00	34.83 -2.95 0.00	31.78 -3.03 0.34	20.74 -2.18 7.26	16.06 -1.85 8.84	22.48 -1.88 7.88	22.56 -2.07 8.05	20.69 -1.90 8.03	24.82 -1.91 8.30	21.94 -1.45 6.92	23.47 -1.55 5.13	27.54 -2.08 3.04	26.63 -2.61 11.81	34.01 -3.15 13.36	34.06 -2.68 3.53	46.48 -2.79 0.00	40.82 -2.50 0.00	33.47 -2.03 0.44	28.99 -2.23 0.87
LOCKPORT___CC1 323769	30.38 -2.73 0.00	29.22 -2.77 0.00	34.40 -3.22 0.00	31.69 -3.10 0.00	32.29 -2.82 0.00	32.09 -2.73 0.00	34.81 -2.97 0.00	31.75 -3.03 0.37	20.26 -2.12 7.79	15.54 -1.74 9.48	21.93 -1.85 8.45	21.95 -2.10 8.62	20.07 -1.95 8.60	24.22 -1.92 8.89	21.45 -1.46 7.41	23.10 -1.56 5.49	27.31 -2.10 3.26	25.77 -2.61 12.67	33.05 -3.17 14.31	33.78 -2.70 3.79	46.44 -2.84 0.00	40.80 -2.52 0.00	33.42 -2.05 0.48	28.91 -2.25 0.94
LOCKPORT___CC2 323770	30.38 -2.73 0.00	29.22 -2.77 0.00	34.40 -3.22 0.00	31.69 -3.10 0.00	32.29 -2.82 0.00	32.09 -2.73 0.00	34.81 -2.97 0.00	31.75 -3.03 0.37	20.26 -2.12 7.79	15.54 -1.74 9.48	21.93 -1.85 8.45	21.95 -2.10 8.62	20.07 -1.95 8.60	24.22 -1.92 8.89	21.45 -1.46 7.41	23.10 -1.56 5.49	27.31 -2.10 3.26	25.77 -2.61 12.67	33.05 -3.17 14.31	33.78 -2.70 3.79	46.44 -2.84 0.00	40.80 -2.52 0.00	33.42 -2.05 0.48	28.91 -2.25 0.94
LOCKPORT___CC3 323771	30.38 -2.73 0.00	29.22 -2.77 0.00	34.40 -3.22 0.00	31.69 -3.10 0.00	32.29 -2.82 0.00	32.09 -2.73 0.00	34.81 -2.97 0.00	31.75 -3.03 0.37	20.26 -2.12 7.79	15.54 -1.74 9.48	21.93 -1.85 8.45	21.95 -2.10 8.62	20.07 -1.95 8.60	24.22 -1.92 8.89	21.45 -1.46 7.41	23.10 -1.56 5.49	27.31 -2.10 3.26	25.77 -2.61 12.67	33.05 -3.17 14.31	33.78 -2.70 3.79	46.44 -2.84 0.00	40.80 -2.52 0.00	33.42 -2.05 0.48	28.91 -2.25 0.94
LONG_LAKE_PHOENIX 24014	32.29 -0.82 0.00	31.20 -0.79 0.00	36.68 -0.93 0.00	33.92 -0.87 0.00	34.23 -0.88 0.00	33.98 -0.84 0.00	36.88 -0.91 0.00	34.25 -0.90 0.00	29.43 -0.74 0.00	26.12 -0.63 0.00	31.49 -0.75 0.00	31.76 -0.92 0.00	29.84 -0.79 0.00	34.16 -0.87 0.00	29.62 -0.70 0.00	29.47 -0.69 0.00	31.91 -0.76 0.00	40.06 -0.98 0.00	49.46 -1.07 0.00	39.37 -0.89 0.00	48.19 -1.09 0.00	42.31 -1.01 0.00	35.06 -0.88 0.00	31.34 -0.76 0.00
LOVETT___3 23632	34.58 1.47 0.00	33.48 1.49 0.00	39.28 1.67 0.00	36.36 1.56 0.00	36.59 1.49 0.00	36.41 1.59 0.00	39.56 1.78 0.00	37.02 1.87 0.00	31.97 1.80 0.00	28.44 1.69 0.00	34.31 2.08 0.00	34.85 2.17 0.00	32.59 1.96 0.00	37.04 2.00 0.00	32.06 1.75 0.00	31.95 1.80 0.00	34.67 2.01 0.00	43.60 2.57 0.00	53.67 3.15 0.00	42.72 2.45 0.00	52.00 2.73 0.00	45.68 2.35 0.00	37.79 1.84 0.00	33.79 1.69 0.00
LOVETT___4 23642	34.58 1.47 0.00	33.48 1.49 0.00	39.28 1.67 0.00	36.36 1.56 0.00	36.59 1.49 0.00	36.41 1.59 0.00	39.56 1.78 0.00	37.02 1.87 0.00	31.97 1.80 0.00	28.44 1.69 0.00	34.31 2.08 0.00	34.85 2.17 0.00	32.59 1.96 0.00	37.04 2.00 0.00	32.06 1.75 0.00	31.95 1.80 0.00	34.67 2.01 0.00	43.60 2.57 0.00	53.67 3.15 0.00	42.72 2.45 0.00	52.00 2.73 0.00	45.68 2.35 0.00	37.79 1.84 0.00	33.79 1.69 0.00
LOVETT___5 23593	34.58 1.47 0.00	33.48 1.49 0.00	39.28 1.67 0.00	36.36 1.56 0.00	36.59 1.49 0.00	36.41 1.59 0.00	39.56 1.78 0.00	37.02 1.87 0.00	31.97 1.80 0.00	28.44 1.69 0.00	34.31 2.08 0.00	34.85 2.17 0.00	32.59 1.96 0.00	37.04 2.00 0.00	32.06 1.75 0.00	31.95 1.80 0.00	34.67 2.01 0.00	43.60 2.57 0.00	53.67 3.15 0.00	42.72 2.45 0.00	52.00 2.73 0.00	45.68 2.35 0.00	37.79 1.84 0.00	33.79 1.69 0.00
LOWER RAQUET___HYD 24057	32.70 -0.41 0.00	31.47 -0.52 0.00	36.95 -0.66 0.00	34.13 -0.67 0.00	34.57 -0.53 0.00	34.38 -0.44 0.00	37.18 -0.60 0.00	34.47 -0.68 0.00	29.28 -0.90 0.00	25.92 -0.84 0.00	31.27 -0.97 0.00	31.68 -1.00 0.00	29.53 -1.10 0.00	33.85 -1.18 0.00	29.11 -1.21 0.00	32.89 -1.36 -4.09	32.86 -1.28 -1.47	39.53 -1.51 0.00	48.92 -1.60 0.00	40.03 -1.12 -0.89	48.13 -1.14 0.00	42.22 -1.11 0.00	35.23 -0.71 0.00	31.28 -0.81 0.00
LOWER___HUDSON 24059	34.10 0.99 0.00	32.92 0.93 0.00	38.69 1.08 0.00	35.75 0.95 0.00	36.05 0.94 0.00	35.79 0.96 0.00	38.89 1.11 0.00	36.23 1.08 0.00	31.06 0.88 0.00	27.48 0.72 0.00	33.06 0.83 0.00	33.55 0.87 0.00	31.44 0.82 0.00	35.98 0.95 0.00	31.20 0.88 0.00	31.12 0.96 0.00	33.69 1.02 0.00	42.48 1.44 0.00	52.38 1.85 0.00	41.72 1.45 0.00	50.89 1.62 0.00	44.73 1.40 0.00	37.11 1.16 0.00	33.12 1.03 0.00
LOWVILLE_115KV_TB2 356335	32.11 -1.00 0.00	31.01 -0.98 0.00	36.48 -1.14 0.00	33.72 -1.08 0.00	34.26 -0.85 0.00	34.38 -0.45 0.00	37.07 -0.71 0.00	34.57 -0.58 0.00	29.75 -0.43 0.00	26.04 -0.72 0.00	31.18 -1.06 0.00	31.37 -1.30 0.00	29.07 -1.56 0.00	32.87 -2.16 0.00	28.45 -1.87 0.00	29.64 -1.69 -1.18	31.44 -1.65 -0.42	39.63 -1.41 0.00	49.21 -1.32 0.00	39.64 -0.88 -0.25	48.31 -0.96 0.00	42.20 -1.12 0.00	34.93 -1.02 0.00	31.02 -1.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.70 1.59 0.00	33.48 1.49 0.00	39.38 1.76 0.00	36.20 1.40 0.00	36.52 1.42 0.00	36.31 1.48 0.00	39.63 1.85 0.00	37.00 1.85 0.00	31.61 1.43 0.00	27.74 0.98 0.00	33.33 1.09 0.00	33.89 1.22 0.00	31.78 1.16 0.00	36.42 1.39 0.00	31.54 1.22 0.00	31.49 1.34 0.00	34.12 1.45 0.00	43.07 2.03 0.00	53.17 2.64 0.00	42.39 2.13 0.00	51.73 2.45 0.00	45.40 2.08 0.00	37.61 1.67 0.00	33.55 1.46 0.00

LUTHERNY_35_KV_BK2 355980	34.67 1.56 0.00	33.47 1.48 0.00	39.40 1.79 0.00	36.18 1.39 0.00	36.50 1.40 0.00	36.30 1.47 0.00	39.65 1.87 0.00	37.07 1.92 0.00	31.62 1.45 0.00	27.72 0.97 0.00	33.34 1.10 0.00	33.90 1.22 0.00	31.79 1.17 0.00	36.44 1.40 0.00	31.56 1.25 0.00	31.52 1.37 0.00	34.18 1.51 0.00	43.12 2.08 0.00	53.27 2.74 0.00	42.49 2.22 0.00	51.76 2.49 0.00	45.44 2.11 0.00	37.61 1.66 0.00	33.56 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	32.26 -0.85 0.00	31.08 -0.91 0.00	36.54 -1.08 0.00	33.75 -1.05 0.00	34.23 -0.88 0.00	34.20 -0.62 0.00	36.94 -0.85 0.00	34.32 -0.83 0.00	29.35 -0.83 0.00	25.84 -0.92 0.00	31.08 -1.16 0.00	31.28 -1.40 0.00	29.06 -1.57 0.00	33.11 -1.92 0.00	28.55 -1.77 0.00	31.21 -1.72 -2.78	31.95 -1.72 -1.00	39.35 -1.69 0.00	48.86 -1.67 0.00	39.70 -1.17 -0.60	48.00 -1.27 0.00	42.01 -1.31 0.00	34.92 -1.02 0.00	31.00 -1.10 0.00
LYONS_FALL_HYD 23570	32.69 -0.42 0.00	31.58 -0.41 0.00	37.13 -0.48 0.00	34.34 -0.46 0.00	34.79 -0.32 0.00	34.79 -0.04 0.00	37.65 -0.13 0.00	35.09 -0.06 0.00	30.12 -0.05 0.00	26.47 -0.28 0.00	31.81 -0.43 0.00	32.13 -0.55 0.00	29.84 -0.79 0.00	33.85 -1.18 0.00	29.36 -0.96 0.00	30.12 -0.83 -0.79	32.17 -0.78 -0.29	40.58 -0.46 0.00	50.27 -0.26 0.00	40.32 -0.12 -0.17	49.18 -0.10 0.00	43.04 -0.28 0.00	35.63 -0.32 0.00	31.68 -0.42 0.00
MADISON___COUNTY_LFGE 323628	33.52 0.41 0.00	32.41 0.42 0.00	38.11 0.49 0.00	35.22 0.43 0.00	35.59 0.49 0.00	35.40 0.57 0.00	38.52 0.74 0.00	35.86 0.71 0.00	30.65 0.47 0.00	27.03 0.27 0.00	32.67 0.43 0.00	33.15 0.48 0.00	30.82 0.20 0.00	35.22 0.19 0.00	30.58 0.26 0.00	30.57 0.42 0.00	33.14 0.47 0.00	41.92 0.88 0.00	51.90 1.37 0.00	41.29 1.02 0.00	50.49 1.22 0.00	44.29 0.96 0.00	36.66 0.71 0.00	32.64 0.55 0.00
MALONE___115KV_TB1 356076	33.40 0.29 0.00	31.97 -0.02 0.00	37.53 -0.08 0.00	34.63 -0.17 0.00	35.10 -0.01 0.00	34.90 0.08 0.00	37.62 -0.16 0.00	34.86 -0.29 0.00	29.47 -0.71 0.00	25.94 -0.81 0.00	31.24 -0.99 0.00	31.80 -0.88 0.00	29.81 -0.82 0.00	34.40 -0.63 0.00	29.43 -0.89 0.00	46.45 -1.21 -17.51	38.06 -0.89 -6.29	40.03 -1.02 0.00	49.42 -1.11 0.00	43.06 -1.01 -3.80	48.58 -0.69 0.00	42.88 -0.45 0.00	35.56 -0.39 0.00	31.59 -0.50 0.00
MAPLEWOD_115KV_TB3 80458	34.05 0.94 0.00	32.91 0.92 0.00	38.65 1.04 0.00	35.79 0.99 0.00	36.06 0.95 0.00	35.78 0.96 0.00	38.71 0.94 0.00	35.96 0.81 0.00	30.77 0.60 0.00	27.28 0.53 0.00	32.87 0.63 0.00	33.42 0.74 0.00	31.38 0.76 0.00	35.86 0.82 0.00	31.11 0.79 0.00	31.07 0.92 0.00	33.60 0.94 0.00	42.56 1.52 0.00	52.43 1.90 0.00	41.77 1.50 0.00	50.94 1.67 0.00	44.78 1.46 0.00	37.16 1.22 0.00	33.20 1.11 0.00
MAPLE_RIDGE_WT_1 323574	32.47 -0.64 0.00	31.39 -0.60 0.00	36.93 -0.68 0.00	34.19 -0.61 0.00	34.73 -0.38 0.00	34.37 -0.46 0.00	37.10 -0.68 0.00	34.62 -0.53 0.00	29.73 -0.45 0.00	26.17 -0.58 0.00	31.40 -0.84 0.00	31.69 -0.99 0.00	29.61 -1.01 0.00	34.09 -0.94 0.00	29.43 -0.89 0.00	29.16 -0.99 0.00	31.96 -0.70 0.00	40.18 -0.86 0.00	48.91 -1.62 0.00	39.14 -1.13 0.00	48.06 -1.21 0.00	42.20 -1.12 0.00	35.02 -0.93 0.00	31.21 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	32.47 -0.64 0.00	31.39 -0.60 0.00	36.93 -0.68 0.00	34.19 -0.61 0.00	34.73 -0.38 0.00	34.37 -0.46 0.00	37.10 -0.68 0.00	34.62 -0.53 0.00	29.73 -0.45 0.00	26.17 -0.58 0.00	31.40 -0.84 0.00	31.69 -0.99 0.00	29.61 -1.01 0.00	34.09 -0.94 0.00	29.43 -0.89 0.00	29.16 -0.99 0.00	31.96 -0.70 0.00	40.18 -0.86 0.00	48.91 -1.62 0.00	39.14 -1.13 0.00	48.06 -1.21 0.00	42.20 -1.12 0.00	35.02 -0.93 0.00	31.21 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	33.45 0.34 0.00	32.01 0.02 0.00	37.56 -0.05 0.00	34.65 -0.15 0.00	35.09 -0.01 0.00	34.87 0.04 0.00	37.49 -0.29 0.00	34.72 -0.43 0.00	29.40 -0.78 0.00	25.87 -0.89 0.00	31.11 -1.12 0.00	31.66 -1.02 0.00	29.74 -0.88 0.00	34.28 -0.75 0.00	29.38 -0.94 0.00	4.36 -1.33 24.46	22.86 -1.01 8.79	40.03 -1.01 0.00	49.29 -1.23 0.00	33.60 -1.35 5.31	48.10 -1.17 0.00	42.61 -0.71 0.00	35.32 -0.62 0.00	31.44 -0.66 0.00
MARSHVLE_115KV_TB1 80742	34.62 1.51 0.00	33.43 1.44 0.00	39.37 1.76 0.00	36.41 1.62 0.00	36.84 1.73 0.00	36.56 1.73 0.00	39.80 2.02 0.00	36.81 1.66 0.00	30.91 0.73 0.00	27.04 0.28 0.00	32.57 0.34 0.00	32.98 0.30 0.00	31.23 0.61 0.00	35.55 0.52 0.00	30.98 0.66 0.00	31.41 1.25 0.00	33.18 0.52 0.00	42.34 1.30 0.00	52.37 1.85 0.00	42.24 1.97 0.00	51.86 2.59 0.00	45.63 2.31 0.00	37.74 1.79 0.00	33.60 1.51 0.00
MARSH_HILL_WT_PWR 323713	30.50 -2.61 0.00	29.54 -2.45 0.00	35.03 -2.58 0.00	32.36 -2.44 0.00	33.12 -1.99 0.00	33.22 -1.61 0.00	36.21 -1.57 0.00	34.47 -2.10 -1.41	57.56 -1.87 -29.25	59.66 -2.46 -35.37	60.91 -2.83 -31.51	61.60 -2.56 -31.49	59.68 -2.11 -31.17	64.73 -2.65 -32.34	55.21 -2.11 -27.00	47.88 -2.29 -20.01	42.40 -2.55 -12.29	84.53 -3.19 -46.68	99.48 -3.53 -52.48	51.36 -2.94 -14.03	46.20 -3.07 0.00	40.42 -2.90 0.00	35.72 -2.03 -1.80	33.61 -2.02 -3.54
MCINTYRE_115KV_TB2 80467	33.81 0.70 0.00	32.55 0.56 0.00	38.20 0.59 0.00	35.28 0.48 0.00	35.75 0.64 0.00	35.54 0.72 0.00	38.56 0.77 0.00	35.61 0.46 0.00	30.02 -0.15 0.00	26.75 0.00 0.00	32.34 0.10 0.00	32.85 0.17 0.00	30.44 -0.18 0.00	34.83 -0.20 0.00	29.94 -0.38 0.00	32.97 -0.43 -3.26	33.45 -0.39 -1.17	40.54 -0.50 0.00	50.56 0.04 0.00	41.29 0.32 -0.71	49.97 0.69 0.00	43.79 0.47 0.00	36.52 0.57 0.00	32.40 0.30 0.00
MECO_____69_KV_BK1 80468	35.02 1.91 0.00	33.81 1.82 0.00	39.78 2.17 0.00	36.78 1.98 0.00	37.19 2.09 0.00	36.98 2.15 0.00	40.26 2.48 0.00	37.21 2.07 0.00	30.94 0.76 0.00	26.86 0.10 0.00	32.24 0.00 0.00	32.85 0.17 0.00	31.26 0.64 0.00	35.53 0.50 0.00	31.00 0.68 0.00	31.82 1.66 0.00	33.45 0.78 0.00	42.48 1.43 0.00	52.85 2.32 0.00	42.99 2.72 0.00	52.76 3.49 0.00	46.33 3.01 0.00	38.29 2.34 0.00	34.08 1.98 0.00
MENANDS___115KV_TB5 355628	33.90 0.79 0.00	32.78 0.79 0.00	38.50 0.88 0.00	35.65 0.86 0.00	35.91 0.80 0.00	35.63 0.81 0.00	38.53 0.75 0.00	35.78 0.63 0.00	30.63 0.45 0.00	27.17 0.42 0.00	32.74 0.51 0.00	33.30 0.63 0.00	31.25 0.62 0.00	35.68 0.65 0.00	30.97 0.65 0.00	30.93 0.78 0.00	33.48 0.82 0.00	42.46 1.42 0.00	52.26 1.73 0.00	41.61 1.34 0.00	50.71 1.44 0.00	44.60 1.28 0.00	37.02 1.07 0.00	33.08 0.99 0.00
MG INDUSTRY___DRP 24185	33.85 0.74 0.00	32.76 0.77 0.00	38.50 0.89 0.00	35.68 0.88 0.00	35.93 0.82 0.00	35.63 0.81 0.00	38.63 0.85 0.00	35.88 0.73 0.00	30.79 0.62 0.00	27.17 0.41 0.00	32.60 0.36 0.00	33.16 0.49 0.00	31.07 0.44 0.00	35.62 0.59 0.00	31.02 0.70 0.00	30.94 0.78 0.00	33.28 0.61 0.00	42.15 1.11 0.00	51.90 1.37 0.00	41.34 1.07 0.00	50.41 1.14 0.00	44.37 1.04 0.00	36.82 0.87 0.00	32.93 0.83 0.00

MID___OSWEGATCHIE_HYD 23849	32.26 -0.85 0.00	31.08 -0.91 0.00	36.54 -1.08 0.00	33.75 -1.05 0.00	34.23 -0.88 0.00	34.20 -0.62 0.00	36.94 -0.85 0.00	34.32 -0.83 0.00	29.35 -0.83 0.00	25.84 -0.92 0.00	31.08 -1.16 0.00	31.28 -1.40 0.00	29.06 -1.57 0.00	33.11 -1.92 0.00	28.55 -1.77 0.00	31.21 -1.72 -2.78	31.95 -1.72 -1.00	39.35 -1.69 0.00	48.86 -1.67 0.00	39.70 -1.17 -0.60	48.00 -1.27 0.00	42.01 -1.31 0.00	34.92 -1.02 0.00	31.00 -1.10 0.00
MID___RAQUETTE_HYD 23851	32.70 -0.41 0.00	31.47 -0.52 0.00	36.95 -0.66 0.00	34.13 -0.67 0.00	34.57 -0.53 0.00	34.38 -0.44 0.00	37.18 -0.60 0.00	34.47 -0.68 0.00	29.28 -0.90 0.00	25.92 -0.84 0.00	31.27 -0.97 0.00	31.68 -1.00 0.00	29.53 -1.10 0.00	33.85 -1.18 0.00	29.11 -1.21 0.00	32.89 -1.36 -4.09	32.86 -1.28 -1.47	39.53 -1.51 0.00	48.93 -1.59 0.00	40.03 -1.12 -0.89	48.13 -1.14 0.00	42.21 -1.11 0.00	35.23 -0.71 0.00	31.28 -0.81 0.00
MILLIKEN___1 23584	33.31 0.20 0.00	32.13 0.14 0.00	37.85 0.23 0.00	35.02 0.22 0.00	35.35 0.24 0.00	35.07 0.24 0.00	38.23 0.45 0.00	35.63 0.38 -0.10	32.49 0.19 -2.13	29.39 0.08 -2.55	34.53 0.02 -2.27	34.84 -0.12 -2.28	33.01 0.12 -2.27	37.72 0.33 -2.36	32.33 0.02 -2.00	31.64 0.01 -1.48	33.77 0.22 -0.88	44.83 0.36 -3.43	55.28 0.87 -3.88	41.96 0.65 -1.04	50.11 0.84 0.00	43.92 0.60 0.00	36.44 0.36 -0.13	32.72 0.36 -0.26
MILLIKEN___2 23585	33.31 0.20 0.00	32.13 0.14 0.00	37.85 0.23 0.00	35.02 0.22 0.00	35.35 0.24 0.00	35.07 0.24 0.00	38.23 0.45 0.00	35.63 0.38 -0.10	32.49 0.19 -2.13	29.39 0.08 -2.55	34.53 0.02 -2.27	34.84 -0.12 -2.28	33.01 0.12 -2.27	37.72 0.33 -2.36	32.33 0.02 -2.00	31.64 0.01 -1.48	33.77 0.22 -0.88	44.83 0.36 -3.43	55.28 0.87 -3.88	41.96 0.65 -1.04	50.11 0.84 0.00	43.92 0.60 0.00	36.44 0.36 -0.13	32.72 0.36 -0.26
MILLIKEN___DIESEL 23629	33.31 0.20 0.00	32.13 0.14 0.00	37.85 0.23 0.00	35.02 0.22 0.00	35.35 0.24 0.00	35.07 0.24 0.00	38.23 0.45 0.00	35.63 0.38 -0.10	32.49 0.19 -2.13	29.39 0.08 -2.55	34.53 0.02 -2.27	34.84 -0.12 -2.28	33.01 0.12 -2.27	37.72 0.33 -2.36	32.33 0.02 -2.00	31.64 0.01 -1.48	33.77 0.22 -0.88	44.83 0.36 -3.43	55.28 0.87 -3.88	41.96 0.65 -1.04	50.11 0.84 0.00	43.92 0.60 0.00	36.44 0.36 -0.13	32.72 0.36 -0.26
MILLSEAT___LFGE 323607	31.10 -2.01 0.00	29.92 -2.07 0.00	35.20 -2.42 0.00	32.46 -2.34 0.00	33.06 -2.05 0.00	32.90 -1.93 0.00	35.76 -2.03 0.00	32.75 -2.12 0.29	22.64 -1.51 6.03	18.07 -1.34 7.34	24.23 -1.46 6.55	24.36 -1.63 6.70	22.41 -1.53 6.68	26.67 -1.46 6.91	23.58 -0.98 5.76	24.95 -0.93 4.27	28.87 -1.26 2.53	29.78 -1.44 9.82	37.65 -1.76 11.12	35.79 -1.53 2.94	47.85 -1.43 0.00	41.96 -1.36 0.00	34.42 -1.16 0.37	29.93 -1.44 0.72
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.74 1.63 0.00	33.62 1.63 0.00	39.45 1.84 0.00	36.52 1.72 0.00	36.76 1.65 0.00	36.58 1.75 0.00	39.78 2.00 0.00	37.48 2.07 -0.27	32.45 1.95 -0.32	28.59 1.83 0.00	34.47 2.24 0.00	35.02 2.34 0.00	32.72 2.10 0.00	37.20 2.17 0.00	32.20 1.88 0.00	32.09 1.94 0.00	34.82 2.15 0.00	43.79 2.74 0.00	53.89 3.37 0.00	42.94 2.67 0.00	52.29 3.02 0.00	45.94 2.62 0.00	38.01 2.06 0.00	33.97 1.87 0.00
MILLWOOD_13_KV_LOAD 356217	34.77 1.66 0.00	33.66 1.66 0.00	39.49 1.87 0.00	36.56 1.76 0.00	36.79 1.69 0.00	36.62 1.79 0.00	39.82 2.04 0.00	37.53 2.11 -0.27	32.49 2.00 -0.32	28.62 1.86 0.00	34.51 2.28 0.00	35.05 2.38 0.00	32.76 2.14 0.00	37.24 2.21 0.00	32.24 1.92 0.00	32.12 1.97 0.00	34.86 2.19 0.00	43.83 2.79 0.00	53.96 3.43 0.00	43.01 2.74 0.00	52.37 3.10 0.00	45.99 2.67 0.00	38.06 2.11 0.00	34.01 1.91 0.00
MODEL_CITY_ENERGY 24167	30.07 -3.04 0.00	28.90 -3.09 0.00	34.02 -3.59 0.00	31.35 -3.45 0.00	31.95 -3.15 0.00	31.76 -3.07 0.00	34.42 -3.36 0.00	31.39 -3.41 0.36	20.20 -2.35 7.62	15.54 -1.89 9.32	21.89 -2.03 8.31	21.90 -2.30 8.48	20.05 -2.11 8.46	24.18 -2.11 8.75	21.40 -1.63 7.29	22.98 -1.77 5.41	27.11 -2.34 3.21	25.76 -2.89 12.39	32.91 -3.54 14.08	33.51 -3.04 3.71	45.90 -3.37 0.00	40.37 -2.96 0.00	33.11 -2.37 0.47	28.66 -2.52 0.92
MODERN_LFGE___ 323580	30.07 -3.04 0.00	28.90 -3.09 0.00	34.02 -3.59 0.00	31.35 -3.45 0.00	31.95 -3.15 0.00	31.76 -3.07 0.00	34.42 -3.36 0.00	31.39 -3.41 0.36	20.20 -2.35 7.62	15.54 -1.89 9.32	21.89 -2.03 8.31	21.90 -2.30 8.48	20.05 -2.11 8.46	24.18 -2.11 8.75	21.40 -1.63 7.29	22.98 -1.77 5.41	27.11 -2.34 3.21	25.76 -2.89 12.39	32.91 -3.54 14.08	33.51 -3.04 3.71	45.90 -3.37 0.00	40.37 -2.96 0.00	33.11 -2.37 0.47	28.66 -2.52 0.92
MOHAWK_PAPER___DRP 24187	34.05 0.94 0.00	32.91 0.92 0.00	38.65 1.04 0.00	35.79 0.99 0.00	36.06 0.95 0.00	35.78 0.96 0.00	38.71 0.94 0.00	35.96 0.81 0.00	30.77 0.60 0.00	27.28 0.53 0.00	32.87 0.63 0.00	33.42 0.74 0.00	31.38 0.76 0.00	35.86 0.82 0.00	31.11 0.79 0.00	31.07 0.92 0.00	33.60 0.94 0.00	42.56 1.52 0.00	52.43 1.90 0.00	41.77 1.50 0.00	50.94 1.67 0.00	44.78 1.46 0.00	37.16 1.22 0.00	33.20 1.11 0.00
MOHICAN___35_KV_115KV_LD 80490	35.11 2.00 0.00	33.81 1.81 0.00	39.73 2.11 0.00	36.41 1.61 0.00	36.80 1.70 0.00	36.66 1.83 0.00	40.12 2.34 0.00	37.48 2.33 0.00	31.99 1.82 0.00	27.89 1.14 0.00	33.38 1.14 0.00	33.96 1.28 0.00	31.86 1.23 0.00	36.56 1.52 0.00	31.67 1.35 0.00	31.58 1.43 0.00	34.34 1.67 0.00	43.54 2.50 0.00	53.68 3.15 0.00	42.79 2.52 0.00	52.23 2.96 0.00	45.76 2.43 0.00	37.89 1.94 0.00	33.74 1.65 0.00
MONGAUP___HYD 23641	34.58 1.47 0.00	33.45 1.46 0.00	39.26 1.65 0.00	36.33 1.54 0.00	36.57 1.47 0.00	36.38 1.55 0.00	39.17 1.39 0.00	36.14 0.99 0.00	31.49 1.32 0.00	28.08 1.33 0.00	34.06 1.83 0.00	34.68 2.00 0.00	32.20 1.57 0.00	36.77 1.73 0.00	31.74 1.42 0.00	32.14 1.98 0.00	34.68 2.02 0.00	43.33 2.29 0.00	53.74 3.22 0.00	43.18 2.91 0.00	52.71 3.43 0.00	46.27 2.95 0.00	38.29 2.34 0.00	34.16 2.07 0.00
MONTAUK___DIESEL 23721	32.82 0.25 0.53	32.32 0.33 0.00	37.88 0.27 0.00	36.23 1.44 0.00	36.39 1.28 0.00	37.66 2.84 0.00	40.80 3.02 0.00	36.92 2.38 0.62	30.28 1.26 1.16	26.61 0.96 1.10	32.99 2.15 1.39	32.65 2.87 2.90	29.49 2.19 3.32	33.50 1.42 2.96	29.85 1.17 1.65	29.59 0.75 1.31	31.31 0.99 2.35	41.35 1.34 1.04	52.43 1.97 0.07	41.32 1.41 0.36	51.60 2.33 0.00	45.56 2.47 0.23	36.70 1.30 0.54	32.26 0.83 0.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.87 -1.25 0.00	30.51 -1.48 0.00	36.20 -1.41 0.00	33.05 -1.75 0.00	33.33 -1.78 0.00	33.24 -1.59 0.00	36.16 -1.62 0.00	33.18 -1.63 0.33	22.24 -0.90 7.04	17.10 -1.12 8.53	23.83 -0.80 7.60	22.50 -1.95 8.23	20.14 -2.12 8.37	24.13 -2.36 8.54	21.53 -1.68 7.11	23.06 -1.80 5.29	18.41 -2.45 11.81	20.16 -2.98 17.90	33.80 -3.25 13.47	33.73 -3.01 3.52	47.13 -2.15 0.00	41.03 -2.30 0.00	33.81 -1.73 0.41	29.56 -1.73 0.80

MORRIS_RIDGE___SOLAR 323848	30.99 -2.12 0.00	29.84 -2.15 0.00	35.29 -2.33 0.00	32.58 -2.22 0.00	33.13 -1.98 0.00	32.98 -1.85 0.00	35.92 -1.86 0.00	30.91 -2.14 2.10	-15.26 -1.81 43.63	-27.99 -1.97 52.77	-17.08 -2.28 47.03	-16.79 -2.14 47.33	-18.33 -2.00 46.96	-15.71 -2.21 48.54	-12.03 -1.85 40.51	-1.69 -1.82 30.02	12.78 -2.07 17.81	-31.18 -2.54 69.68	-30.62 -2.86 78.29	16.99 -2.44 20.83	46.73 -2.55 0.00	40.93 -2.40 0.00	31.35 -1.94 2.65	25.01 -1.88 5.21
MORTIMER_115KV_TB3 55949	31.79 -1.32 0.00	30.62 -1.37 0.00	36.01 -1.60 0.00	33.24 -1.56 0.00	33.71 -1.40 0.00	33.50 -1.33 0.00	36.41 -1.37 0.00	33.71 -1.44 0.00	28.99 -1.19 0.00	25.72 -1.03 0.00	31.23 -1.00 0.00	31.62 -1.06 0.00	29.64 -0.98 0.00	34.14 -0.89 0.00	29.67 -0.65 0.00	29.50 -0.65 0.00	31.83 -0.84 0.00	39.93 -1.12 -0.01	49.26 -1.27 0.00	39.23 -1.04 0.00	48.42 -0.85 0.00	42.44 -0.88 0.00	35.15 -0.80 0.00	31.16 -0.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.40 1.98 -15.31	33.97 1.98 0.00	39.84 2.23 0.00	36.90 2.10 0.00	37.14 2.04 0.00	36.96 2.13 0.00	40.23 2.44 -0.01	49.81 2.50 -12.16	58.92 2.33 -26.42	60.47 2.15 -31.56	58.21 2.64 -23.34	82.84 2.74 -47.42	80.41 2.47 -47.31	89.49 2.57 -51.88	61.28 2.22 -28.73	58.53 2.27 -26.10	57.10 2.52 -21.91	55.85 3.22 -11.59	56.59 3.92 -2.14	53.73 3.14 -10.32	52.89 3.60 -0.01	53.19 3.13 -6.74	53.98 2.50 -15.54	53.40 2.26 -19.05
MUNSVILLE_WIND_PWR 323609	33.62 0.51 0.00	32.53 0.54 0.00	38.58 0.97 0.00	36.10 1.30 0.00	36.53 1.43 0.00	35.74 0.91 0.00	39.49 1.71 0.00	37.39 2.17 -0.07	33.32 1.67 -1.48	29.29 0.82 -1.71	33.86 0.14 -1.49	33.97 -0.23 -1.52	32.25 0.11 -1.52	37.31 0.70 -1.58	32.37 0.58 -1.48	31.73 0.47 -1.10	33.90 0.58 -0.65	43.88 0.28 -2.56	56.31 2.89 -2.90	42.24 1.20 -0.78	50.80 1.53 0.00	44.69 1.36 0.00	36.44 0.40 -0.10	32.93 0.64 -0.19
N SALMON___HYD 24042	33.40 0.29 0.00	31.97 -0.02 0.00	37.53 -0.08 0.00	34.63 -0.17 0.00	35.10 -0.01 0.00	34.90 0.08 0.00	37.62 -0.16 0.00	34.86 -0.29 0.00	29.46 -0.71 0.00	25.94 -0.82 0.00	31.24 -0.99 0.00	31.81 -0.87 0.00	29.81 -0.81 0.00	34.40 -0.63 0.00	29.43 -0.89 0.00	46.45 -1.22 -17.51	38.05 -0.90 -6.29	40.02 -1.02 0.00	49.42 -1.11 0.00	43.05 -1.02 -3.80	48.58 -0.69 0.00	42.87 -0.45 0.00	35.56 -0.39 0.00	31.59 -0.50 0.00
N.AKRON__115KV_KNAPP 355671	30.96 -2.14 0.00	29.73 -2.26 0.00	34.98 -2.63 0.00	32.23 -2.56 0.00	32.85 -2.26 0.00	32.68 -2.14 0.00	35.52 -2.26 0.00	32.48 -2.36 0.31	21.95 -1.71 6.51	17.29 -1.52 7.94	23.63 -1.53 7.08	23.75 -1.69 7.23	21.83 -1.57 7.22	26.03 -1.54 7.46	23.01 -1.08 6.22	24.46 -1.09 4.61	28.44 -1.49 2.73	28.62 -1.81 10.61	36.34 -2.18 12.01	35.22 -1.87 3.17	47.46 -1.81 0.00	41.65 -1.68 0.00	34.16 -1.39 0.40	29.66 -1.65 0.78
N.BELMOR_69_KV_BK1 55787	34.40 1.82 0.53	33.71 1.71 0.00	39.43 1.82 0.00	36.62 1.83 0.00	36.84 1.74 0.00	36.81 1.99 0.00	39.95 2.17 0.00	36.98 2.44 0.62	31.31 2.29 1.16	27.76 2.10 1.10	36.22 2.93 -1.05	38.14 3.10 -2.36	36.99 2.76 -3.61	39.72 2.78 -1.90	33.67 2.27 -1.08	32.26 2.21 0.10	39.39 2.57 -4.16	45.67 3.20 -1.43	54.19 3.74 0.07	42.97 3.06 0.36	52.71 3.43 0.00	46.21 3.12 0.23	37.81 2.40 0.54	33.74 2.31 0.67
N.E_GEN_SANDY PD 24062	34.33 1.22 0.00	33.18 1.18 0.00	37.75 1.34 1.21	36.05 1.26 0.00	36.32 1.22 0.00	36.06 1.24 0.00	39.23 1.45 0.00	37.23 1.46 -0.61	31.14 1.42 0.45	29.71 1.38 -1.58	33.85 1.62 0.00	34.31 1.63 0.00	31.96 1.46 0.12	36.57 1.54 0.00	31.70 1.38 0.00	31.59 1.44 0.00	34.24 1.58 0.00	44.27 2.00 -1.23	52.97 2.44 0.00	42.19 1.92 0.00	51.38 2.11 0.00	45.16 1.84 0.00	38.00 1.52 -0.53	33.36 1.36 0.10
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.63 1.52 0.00	33.53 1.54 0.00	39.35 1.74 0.00	36.42 1.62 0.00	36.65 1.54 0.00	36.47 1.64 0.00	39.62 1.84 0.00	37.09 1.94 0.00	32.03 1.85 0.00	28.49 1.73 0.00	34.38 2.14 0.00	34.92 2.24 0.00	32.65 2.02 0.00	37.11 2.08 0.00	32.13 1.81 0.00	32.02 1.87 0.00	34.74 2.08 0.00	43.69 2.65 0.00	53.79 3.27 0.00	42.81 2.54 0.00	52.10 2.83 0.00	45.76 2.43 0.00	37.84 1.89 0.00	33.83 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	47.55 2.14 -12.30	34.12 2.13 0.00	39.99 2.38 0.00	37.02 2.22 0.00	37.27 2.17 0.00	37.11 2.28 0.00	40.41 2.62 -0.01	46.48 2.64 -8.69	52.54 2.45 -19.92	54.35 2.24 -25.36	53.80 2.82 -18.75	73.67 2.90 -38.09	71.23 2.61 -38.00	79.73 2.74 -41.96	55.72 2.32 -23.08	53.48 2.35 -20.97	52.86 2.59 -17.60	53.66 3.31 -9.31	56.28 4.03 -1.72	51.82 3.25 -8.29	53.08 3.80 -0.01	52.04 3.31 -5.41	51.08 2.65 -12.48	49.82 2.43 -15.30
N.TROY___115KV_TB1 355778	34.10 0.99 0.00	32.92 0.94 0.00	38.70 1.08 0.00	35.76 0.96 0.00	36.05 0.94 0.00	35.79 0.96 0.00	38.90 1.12 0.00	36.23 1.08 0.00	31.06 0.89 0.00	27.48 0.72 0.00	33.07 0.83 0.00	33.55 0.88 0.00	31.44 0.82 0.00	35.98 0.95 0.00	31.19 0.87 0.00	31.12 0.96 0.00	33.69 1.03 0.00	42.49 1.44 0.00	52.38 1.85 0.00	41.72 1.45 0.00	50.89 1.62 0.00	44.73 1.41 0.00	37.11 1.16 0.00	33.12 1.03 0.00
NARROWS_GT1_1 24228	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT1_2 24229	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT1_3 24230	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT1_4 24231	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52

NARROWS_GT1_5 24232	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT1_6 24233	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT1_7 24234	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT1_8 24235	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_1 24236	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_2 24237	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_3 24238	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_4 24239	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_5 24240	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_6 24241	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_7 24242	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NARROWS_GT2_8 24243	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.26 1.15 0.00	33.12 1.13 0.00	38.90 1.28 0.00	36.04 1.25 0.00	36.32 1.21 0.00	36.06 1.23 0.00	39.15 1.37 0.00	36.39 1.24 0.00	31.19 1.02 0.00	27.70 0.94 0.00	32.95 0.72 0.00	33.57 0.89 0.00	31.50 0.88 0.00	36.20 1.17 0.00	31.32 1.00 0.00	31.34 1.19 0.00	33.49 0.82 0.00	42.66 1.61 0.00	52.56 2.03 0.00	42.08 1.82 0.00	51.37 2.09 0.00	45.12 1.80 0.00	37.40 1.46 0.00	33.39 1.30 0.00
NCHELSEA_115KV_TR2 355582	34.79 1.68 0.00	33.67 1.68 0.00	39.52 1.91 0.00	36.58 1.79 0.00	36.82 1.71 0.00	36.63 1.80 0.00	39.87 2.09 0.00	37.28 2.13 0.00	32.18 2.00 0.00	28.62 1.87 0.00	34.48 2.24 0.00	35.00 2.32 0.00	32.68 2.05 0.00	37.18 2.15 0.00	32.27 1.95 0.00	32.16 2.01 0.00	34.86 2.19 0.00	43.82 2.78 0.00	54.02 3.49 0.00	43.08 2.81 0.00	52.47 3.20 0.00	46.08 2.75 0.00	38.11 2.17 0.00	34.03 1.93 0.00
NEG CAPITAL___MECHNVIL 23645	34.69 1.58 0.00	33.47 1.48 0.00	39.34 1.73 0.00	36.23 1.43 0.00	36.54 1.43 0.00	36.33 1.51 0.00	39.63 1.85 0.00	36.96 1.81 0.00	31.61 1.43 0.00	27.78 1.03 0.00	33.41 1.17 0.00	33.97 1.29 0.00	31.84 1.22 0.00	36.49 1.46 0.00	31.62 1.30 0.00	31.55 1.40 0.00	34.16 1.50 0.00	43.13 2.09 0.00	53.24 2.72 0.00	42.48 2.22 0.00	51.80 2.53 0.00	45.48 2.15 0.00	37.67 1.73 0.00	33.60 1.50 0.00



NEG CENTRAL_HIGH_ACRES 23767	31.47 -1.64 0.00	30.35 -1.64 0.00	35.70 -1.91 0.00	32.98 -1.82 0.00	33.42 -1.69 0.00	33.22 -1.61 0.00	36.11 -1.67 0.00	33.46 -1.69 0.00	28.78 -1.40 0.00	25.56 -1.19 0.00	30.91 -1.32 0.00	31.24 -1.44 0.00	29.31 -1.32 0.00	33.73 -1.30 0.00	29.27 -1.05 0.00	29.12 -1.03 0.00	31.48 -1.18 0.00	39.52 -1.52 0.00	48.78 -1.74 0.00	38.85 -1.42 0.00	47.84 -1.43 0.00	41.92 -1.40 0.00	34.71 -1.24 0.00	30.82 -1.28 0.00
NEG CENTRAL____DRP 24199	32.69 -0.43 0.00	31.50 -0.49 0.00	37.12 -0.50 0.00	34.31 -0.49 0.00	34.69 -0.42 0.00	34.49 -0.34 0.00	37.58 -0.20 0.00	34.98 -0.31 -0.14	32.66 -0.34 -2.82	29.80 -0.36 -3.40	34.89 -0.37 -3.03	35.26 -0.43 -3.01	33.32 -0.28 -2.98	37.83 -0.30 -3.09	32.62 -0.28 -2.59	31.79 -0.28 -1.92	33.56 -0.24 -1.14	45.12 -0.37 -4.45	55.28 -0.27 -5.03	41.40 -0.21 -1.34	49.26 -0.01 0.00	43.17 -0.15 0.00	35.92 -0.20 -0.17	32.24 -0.20 -0.34
NEG CENTRAL____INDECK 23768	32.18 -0.93 0.00	31.00 -0.99 0.00	36.56 -1.05 0.00	33.77 -1.02 0.00	34.36 -0.74 0.00	34.31 -0.52 0.00	37.46 -0.32 0.00	35.55 -1.05 -1.45	58.72 -1.57 -30.11	61.16 -2.00 -36.40	62.33 -2.35 -32.44	62.87 -2.21 -32.40	60.81 -1.88 -32.06	67.31 -0.97 -33.25	57.32 -0.76 -27.76	50.06 -0.66 -20.57	44.07 -0.79 -12.19	88.25 -0.50 -47.71	104.18 -0.25 -53.91	54.45 -0.22 -14.40	49.47 0.20 0.00	43.28 -0.05 0.00	37.69 -0.11 -1.85	35.32 -0.41 -3.63
NEG CENTRAL____SENECA 23627	32.64 -0.47 0.00	31.46 -0.53 0.00	37.07 -0.54 0.00	34.25 -0.54 0.00	34.68 -0.43 0.00	34.49 -0.34 0.00	37.65 -0.13 0.00	35.11 -0.26 -0.22	34.34 -0.30 -4.46	31.75 -0.39 -5.39	36.67 -0.37 -4.80	37.05 -0.41 -4.78	35.10 -0.24 -4.72	39.67 -0.26 -4.90	34.16 -0.26 -4.10	32.93 -0.26 -3.04	34.26 -0.20 -1.80	47.68 -0.41 -7.04	58.20 -0.29 -7.96	42.21 -0.18 -2.12	49.40 0.13 0.00	43.26 -0.07 0.00	36.11 -0.11 -0.27	32.46 -0.18 -0.54
NEG CENTRAL____STATE_STREET 24147	33.04 -0.07 0.00	31.78 -0.21 0.00	37.47 -0.14 0.00	34.68 -0.11 0.00	35.02 -0.09 0.00	34.78 -0.04 0.00	37.85 0.07 0.00	35.01 -0.14 0.00	29.96 -0.22 0.00	26.52 -0.23 0.00	32.02 -0.21 0.00	32.32 -0.36 0.00	30.41 -0.21 0.00	34.87 -0.16 0.00	30.14 -0.18 0.00	29.98 -0.17 0.00	32.62 -0.04 0.00	41.05 0.00 0.00	50.75 0.23 0.00	40.42 0.16 0.00	49.56 0.28 0.00	43.46 0.14 0.00	35.89 -0.06 0.00	32.12 0.02 0.00
NEG MILLWOOD____DRP 24198	34.92 1.81 0.00	33.78 1.79 0.00	39.64 2.02 0.00	36.69 1.90 0.00	36.94 1.84 0.00	36.76 1.94 0.00	40.03 2.25 0.00	37.45 2.30 0.00	32.33 2.16 0.00	28.76 2.01 0.00	34.64 2.41 0.00	35.19 2.51 0.00	32.84 2.22 0.00	37.35 2.31 0.00	32.38 2.06 0.00	32.27 2.11 0.00	35.00 2.33 0.00	44.03 2.99 0.00	54.26 3.73 0.00	43.26 2.99 0.00	52.69 3.42 0.00	46.28 2.95 0.00	38.26 2.31 0.00	34.15 2.06 0.00
NEG NORTH_FLCN_SEA 23793	33.84 0.73 0.00	32.39 0.40 0.00	38.00 0.39 0.00	35.03 0.23 0.00	35.47 0.36 0.00	35.26 0.43 0.00	37.92 0.14 0.00	35.16 0.02 0.00	29.75 -0.42 0.00	26.14 -0.61 0.00	31.36 -0.87 0.00	31.94 -0.74 0.00	30.05 -0.57 0.00	34.62 -0.41 0.00	29.71 -0.61 0.00	4.33 -1.14 24.69	22.95 -0.84 8.87	40.33 -0.71 0.00	49.75 -0.77 0.00	33.90 -1.01 5.36	48.58 -0.69 0.00	43.06 -0.26 0.00	35.75 -0.20 0.00	31.79 -0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	33.46 0.35 0.00	31.99 0.00 0.00	37.56 -0.05 0.00	34.64 -0.15 0.00	35.11 0.00 0.00	34.88 0.06 0.00	37.52 -0.26 0.00	34.73 -0.42 0.00	29.32 -0.86 0.00	25.78 -0.97 0.00	31.03 -1.21 0.00	31.60 -1.08 0.00	29.69 -0.93 0.00	34.27 -0.76 0.00	29.32 -1.00 0.00	2.43 -1.38 26.35	22.13 -1.06 9.47	39.97 -1.07 0.00	49.24 -1.29 0.00	33.18 -1.36 5.72	48.18 -1.10 0.00	42.66 -0.66 0.00	35.35 -0.60 0.00	31.45 -0.65 0.00
NEG NORTH____ALICE_FALLS 23915	33.81 0.70 0.00	32.35 0.36 0.00	37.95 0.33 0.00	34.99 0.19 0.00	35.43 0.33 0.00	35.25 0.42 0.00	37.92 0.14 0.00	35.18 0.03 0.00	29.71 -0.46 0.00	26.09 -0.66 0.00	31.32 -0.92 0.00	31.91 -0.77 0.00	30.07 -0.56 0.00	34.60 -0.43 0.00	29.70 -0.62 0.00	4.04 -1.16 24.96	22.84 -0.86 8.97	40.35 -0.69 0.00	49.73 -0.80 0.00	33.89 -0.96 5.42	48.70 -0.58 0.00	43.14 -0.19 0.00	35.77 -0.18 0.00	31.80 -0.29 0.00
NEG NORTH____LWR_SARANAC 23913	33.81 0.70 0.00	32.35 0.36 0.00	37.95 0.33 0.00	34.99 0.19 0.00	35.43 0.33 0.00	35.25 0.42 0.00	37.92 0.14 0.00	35.18 0.03 0.00	29.71 -0.46 0.00	26.09 -0.66 0.00	31.32 -0.92 0.00	31.91 -0.77 0.00	30.07 -0.56 0.00	34.60 -0.43 0.00	29.70 -0.62 0.00	4.04 -1.16 24.96	22.84 -0.86 8.97	40.35 -0.69 0.00	49.73 -0.80 0.00	33.89 -0.96 5.42	48.70 -0.58 0.00	43.14 -0.19 0.00	35.77 -0.18 0.00	31.80 -0.29 0.00
NEG NORTH____PLATTSBURG 23628	33.81 0.70 0.00	32.35 0.36 0.00	37.95 0.34 0.00	34.99 0.19 0.00	35.44 0.33 0.00	35.25 0.42 0.00	37.93 0.15 0.00	35.18 0.03 0.00	29.71 -0.46 0.00	26.09 -0.67 0.00	31.32 -0.92 0.00	31.91 -0.77 0.00	30.06 -0.56 0.00	34.60 -0.44 0.00	29.70 -0.62 0.00	4.04 -1.16 24.96	22.83 -0.87 8.97	40.35 -0.69 0.00	49.73 -0.79 0.00	33.89 -0.96 5.42	48.69 -0.58 0.00	43.14 -0.18 0.00	35.77 -0.17 0.00	31.80 -0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	30.43 -2.68 0.00	29.22 -2.78 0.00	34.40 -3.22 0.00	31.67 -3.13 0.00	32.29 -2.82 0.00	32.09 -2.74 0.00	34.82 -2.96 0.00	31.74 -3.04 0.37	20.18 -2.20 7.79	15.39 -1.88 9.48	21.87 -1.92 8.45	21.95 -2.10 8.62	20.09 -1.94 8.60	24.18 -1.96 8.89	21.41 -1.50 7.41	23.06 -1.60 5.49	27.28 -2.13 3.26	25.68 -2.70 12.67	32.96 -3.25 14.31	33.74 -2.74 3.79	46.44 -2.83 0.00	40.79 -2.53 0.00	33.42 -2.05 0.48	28.91 -2.26 0.94
NEG WEST____LANCASTR 23811	31.79 -1.32 0.00	30.59 -1.40 0.00	36.04 -1.57 0.00	33.20 -1.60 0.00	33.74 -1.37 0.00	33.48 -1.35 0.00	36.45 -1.33 0.00	33.38 -1.39 0.39	21.11 -0.90 8.17	16.08 -0.77 9.91	22.73 -0.67 8.83	22.77 -0.92 8.99	20.76 -0.91 8.95	24.96 -0.90 9.16	22.14 -0.54 7.64	23.92 -0.57 5.66	28.29 -1.01 3.37	26.63 -1.26 13.15	34.65 -1.33 14.55	34.99 -1.46 3.82	47.95 -1.33 0.00	41.99 -1.33 0.00	34.40 -1.07 0.48	29.93 -1.22 0.94
NEG_PENN_ALLEGHNY 23528	33.08 -0.03 0.00	31.98 -0.02 0.00	37.68 0.06 0.00	34.81 0.01 0.00	35.11 0.00 0.00	34.81 -0.02 0.00	37.95 0.17 0.00	35.37 0.22 0.00	30.38 0.21 0.00	26.91 0.15 0.00	32.46 0.23 0.00	32.92 0.24 0.00	30.95 0.33 0.00	35.42 0.38 0.00	30.59 0.27 0.00	30.46 0.31 0.00	32.94 0.28 0.00	41.41 0.37 0.00	51.08 0.55 0.00	40.58 0.31 0.00	49.73 0.46 0.00	43.62 0.30 0.00	36.20 0.25 0.00	32.33 0.24 0.00
NEG____GEN_MONROE 24207	31.86 -1.25 0.00	30.67 -1.32 0.00	36.07 -1.54 0.00	33.29 -1.51 0.00	33.79 -1.32 0.00	33.60 -1.23 0.00	36.55 -1.23 0.00	33.76 -1.33 0.06	27.86 -1.10 1.22	24.27 -1.00 1.48	29.90 -1.01 1.33	30.22 -1.05 1.40	28.25 -0.96 1.41	32.70 -0.86 1.47	28.50 -0.60 1.22	28.66 -0.59 0.90	31.40 -0.72 0.53	38.05 -0.91 2.08	47.16 -1.00 2.37	38.79 -0.84 0.63	48.68 -0.59 0.00	42.67 -0.65 0.00	35.26 -0.62 0.08	31.12 -0.82 0.15

NEPA___ENERGY 23901	32.22 -0.89 0.00	30.99 -1.00 0.00	36.64 -0.97 0.00	33.62 -1.19 0.00	33.99 -1.12 0.00	33.75 -1.07 0.00	36.78 -1.00 0.00	33.78 -0.97 0.40	21.32 -0.48 8.37	16.12 -0.49 10.15	23.03 -0.16 9.04	26.76 -0.51 5.41	26.15 -0.52 3.96	30.43 -0.52 4.07	21.69 -0.97 7.65	21.44 -1.53 7.18	24.76 -2.04 5.86	20.74 -2.56 17.74	29.20 -2.94 18.39	32.83 -2.62 4.82	48.27 -1.00 0.00	42.15 -1.18 0.00	34.61 -0.85 0.49	30.29 -0.84 0.96
NEVERSink___HYD 23608	34.72 1.61 0.00	33.61 1.62 0.00	39.58 1.96 0.00	36.63 1.83 0.00	36.89 1.78 0.00	36.68 1.85 0.00	39.94 2.15 0.00	37.34 2.19 0.00	32.23 2.06 0.00	28.59 1.83 0.00	34.39 2.15 0.00	34.94 2.27 0.00	32.53 1.90 0.00	37.10 2.07 0.00	32.05 1.73 0.00	32.07 1.92 0.00	34.87 2.20 0.00	43.65 2.61 0.00	54.02 3.49 0.00	43.16 2.89 0.00	52.62 3.35 0.00	46.18 2.86 0.00	38.20 2.25 0.00	34.08 1.98 0.00
NEWKRMKL_115KV_TB1 55635	33.75 0.64 0.00	32.65 0.66 0.00	38.33 0.72 0.00	35.50 0.70 0.00	35.76 0.65 0.00	35.47 0.65 0.00	38.40 0.62 0.00	35.68 0.53 0.00	30.53 0.36 0.00	27.11 0.35 0.00	32.67 0.44 0.00	33.23 0.55 0.00	31.18 0.55 0.00	35.61 0.58 0.00	30.90 0.58 0.00	30.84 0.69 0.00	33.29 0.63 0.00	42.11 1.07 0.00	51.83 1.30 0.00	41.28 1.01 0.00	50.30 1.03 0.00	44.24 0.92 0.00	36.71 0.76 0.00	32.83 0.74 0.00
NEWTON___FALLS_HYD 23847	32.26 -0.85 0.00	31.08 -0.91 0.00	36.54 -1.08 0.00	33.75 -1.05 0.00	34.23 -0.88 0.00	34.20 -0.62 0.00	36.94 -0.85 0.00	34.32 -0.83 0.00	29.35 -0.83 0.00	25.84 -0.92 0.00	31.08 -1.16 0.00	31.28 -1.40 0.00	29.06 -1.57 0.00	33.11 -1.92 0.00	28.55 -1.77 0.00	31.21 -1.72 -2.78	31.95 -1.72 -1.00	39.35 -1.69 0.00	48.86 -1.67 0.00	39.70 -1.17 -0.60	48.00 -1.27 0.00	42.01 -1.31 0.00	34.92 -1.02 0.00	31.00 -1.10 0.00
NGRID_A1_DSASP 323792	29.95 -3.16 0.00	28.80 -3.19 0.00	33.89 -3.72 0.00	31.24 -3.56 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.23 -3.55 0.00	31.22 -3.55 0.38	19.70 -2.57 7.91	15.12 -2.07 9.57	21.49 -2.21 8.53	21.52 -2.46 8.69	19.69 -2.26 8.67	23.76 -2.28 8.99	21.02 -1.80 7.50	22.62 -1.97 5.56	26.77 -2.60 3.30	24.87 -3.27 12.90	32.03 -3.92 14.57	33.06 -3.32 3.89	45.73 -3.54 0.00	40.17 -3.15 0.00	32.89 -2.57 0.49	28.40 -2.74 0.96
NGRID_A2_DSASP 323793	29.95 -3.16 0.00	28.80 -3.19 0.00	33.89 -3.72 0.00	31.24 -3.56 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.23 -3.55 0.00	31.22 -3.55 0.38	19.70 -2.57 7.91	15.12 -2.07 9.57	21.49 -2.21 8.53	21.52 -2.46 8.69	19.69 -2.26 8.67	23.76 -2.28 8.99	21.02 -1.80 7.50	22.62 -1.97 5.56	26.77 -2.60 3.30	24.87 -3.27 12.90	32.03 -3.92 14.57	33.06 -3.32 3.89	45.73 -3.54 0.00	40.17 -3.15 0.00	32.89 -2.57 0.49	28.40 -2.74 0.96
NGRID_A4_DSASP 323807	29.95 -3.16 0.00	28.80 -3.19 0.00	33.89 -3.72 0.00	31.24 -3.56 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.23 -3.55 0.00	31.22 -3.55 0.38	19.70 -2.57 7.91	15.12 -2.07 9.57	21.49 -2.21 8.53	21.52 -2.46 8.69	19.69 -2.26 8.67	23.76 -2.28 8.99	21.02 -1.80 7.50	22.62 -1.97 5.56	26.77 -2.60 3.30	24.87 -3.27 12.90	32.03 -3.92 14.57	33.06 -3.32 3.89	45.73 -3.54 0.00	40.17 -3.15 0.00	32.89 -2.57 0.49	28.40 -2.74 0.96
NIAGARA_115E_LBMP 323715	29.88 -3.23 0.00	28.72 -3.27 0.00	33.81 -3.80 0.00	31.15 -3.64 0.00	31.77 -3.34 0.00	31.56 -3.26 0.00	34.19 -3.59 0.00	31.17 -3.62 0.37	19.89 -2.48 7.80	15.21 -1.99 9.55	21.57 -2.15 8.51	21.57 -2.41 8.69	19.74 -2.22 8.67	23.83 -2.24 8.97	21.10 -1.74 7.48	22.70 -1.91 5.54	26.86 -2.51 3.29	25.27 -3.09 12.68	32.29 -3.81 14.43	33.19 -3.28 3.80	45.57 -3.70 0.00	40.11 -3.22 0.00	32.89 -2.58 0.48	28.45 -2.70 0.94
NIAGARA_115W_LBMP 323714	29.85 -3.26 0.00	28.70 -3.28 0.00	33.79 -3.83 0.00	31.14 -3.66 0.00	31.70 -3.41 0.00	31.48 -3.34 0.00	34.12 -3.66 0.00	31.12 -3.65 0.38	19.70 -2.63 7.85	15.15 -2.12 9.49	21.50 -2.28 8.46	21.54 -2.52 8.62	19.70 -2.33 8.60	23.77 -2.35 8.92	21.02 -1.86 7.44	22.60 -2.04 5.51	26.71 -2.69 3.27	24.90 -3.34 12.79	32.04 -4.02 14.46	32.98 -3.42 3.87	45.58 -3.69 0.00	40.05 -3.27 0.00	32.79 -2.67 0.48	28.32 -2.83 0.95
NIAGARA_230_LBMP 323716	30.19 -2.92 0.00	29.06 -2.93 0.00	34.21 -3.41 0.00	31.53 -3.27 0.00	32.09 -3.02 0.00	31.85 -2.98 0.00	34.53 -3.25 0.00	31.51 -3.28 0.36	20.28 -2.43 7.47	15.77 -1.97 9.02	22.10 -2.10 8.04	22.16 -2.34 8.17	20.30 -2.17 8.15	24.38 -2.17 8.48	21.54 -1.70 7.08	23.10 -1.81 5.24	27.18 -2.38 3.10	25.75 -3.11 12.18	32.98 -3.73 13.82	33.46 -3.09 3.72	46.10 -3.18 0.00	40.48 -2.85 0.00	33.16 -2.32 0.47	28.69 -2.50 0.91
NIAGARA___115KV_198_GIBSON 55903	29.91 -3.20 0.00	28.70 -3.28 0.00	33.79 -3.83 0.00	31.12 -3.68 0.00	31.70 -3.41 0.00	31.48 -3.34 0.00	34.15 -3.63 0.00	31.12 -3.65 0.38	19.61 -2.72 7.85	15.00 -2.27 9.49	21.43 -2.35 8.46	21.54 -2.52 8.62	19.71 -2.31 8.60	23.72 -2.40 8.92	20.97 -1.91 7.44	22.57 -2.07 5.51	26.68 -2.72 3.27	24.81 -3.44 12.79	31.95 -4.11 14.46	32.94 -3.46 3.87	45.59 -3.69 0.00	40.04 -3.28 0.00	32.79 -2.68 0.48	28.30 -2.84 0.95
NIAGARA___ 23760	30.19 -2.92 0.00	29.06 -2.93 0.00	34.21 -3.41 0.00	31.53 -3.27 0.00	32.09 -3.02 0.00	31.85 -2.98 0.00	34.53 -3.25 0.00	31.51 -3.28 0.37	20.20 -2.43 7.55	15.64 -1.97 9.15	21.98 -2.10 8.16	22.03 -2.34 8.31	20.16 -2.17 8.30	24.25 -2.17 8.61	21.43 -1.70 7.19	23.02 -1.81 5.33	27.14 -2.38 3.15	25.63 -3.11 12.30	32.84 -3.73 13.96	33.43 -3.09 3.74	46.10 -3.18 0.00	40.48 -2.85 0.00	33.16 -2.32 0.47	28.68 -2.50 0.92
NINE_MILE_1 23575	32.09 -1.02 0.00	31.00 -0.99 0.00	36.46 -1.15 0.00	33.72 -1.08 0.00	34.03 -1.08 0.00	33.75 -1.08 0.00	36.58 -1.20 0.00	33.99 -1.16 0.00	29.19 -0.98 0.00	25.90 -0.85 0.00	31.19 -1.04 0.00	31.59 -1.09 0.00	29.64 -0.98 0.00	33.91 -1.12 0.00	29.37 -0.95 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.67 -1.38 0.00	48.88 -1.64 0.00	38.94 -1.33 0.00	47.68 -1.59 0.00	41.89 -1.43 0.00	34.75 -1.20 0.00	31.08 -1.02 0.00
NINE_MILE_2 23744	32.09 -1.02 0.00	31.00 -0.99 0.00	36.47 -1.14 0.00	33.72 -1.08 0.00	34.03 -1.08 0.00	33.75 -1.07 0.00	36.58 -1.20 0.00	33.99 -1.16 0.00	29.20 -0.98 0.00	25.90 -0.85 0.00	31.20 -1.04 0.00	31.59 -1.08 0.00	29.64 -0.98 0.00	33.91 -1.12 0.00	29.37 -0.95 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.67 -1.37 0.00	48.88 -1.64 0.00	38.94 -1.33 0.00	47.69 -1.59 0.00	41.90 -1.43 0.00	34.75 -1.20 0.00	31.08 -1.01 0.00
NM_CAPITAL___DRP 24208	33.83 0.72 0.00	32.72 0.73 0.00	38.42 0.80 0.00	35.58 0.79 0.00	35.84 0.73 0.00	35.56 0.73 0.00	38.46 0.68 0.00	35.71 0.56 0.00	30.56 0.39 0.00	27.13 0.37 0.00	32.69 0.46 0.00	33.25 0.57 0.00	31.20 0.57 0.00	35.63 0.60 0.00	30.92 0.60 0.00	30.84 0.69 0.00	33.23 0.57 0.00	42.08 1.04 0.00	51.80 1.27 0.00	41.24 0.97 0.00	50.25 0.98 0.00	44.20 0.88 0.00	36.69 0.74 0.00	32.82 0.73 0.00

NM_CENTRAL___DRP 24181	32.63 -0.48 0.00	31.52 -0.47 0.00	37.08 -0.54 0.00	34.28 -0.52 0.00	34.59 -0.52 0.00	34.33 -0.49 0.00	37.28 -0.50 0.00	34.66 -0.49 0.00	29.89 -0.28 0.00	26.47 -0.28 0.00	31.87 -0.37 0.00	32.26 -0.43 0.00	30.25 -0.38 0.00	34.77 -0.26 0.00	30.13 -0.19 0.00	30.00 -0.15 0.00	32.46 -0.21 0.00	40.82 -0.22 0.00	50.38 -0.14 0.00	39.85 -0.41 0.00	48.78 -0.50 0.00	42.81 -0.51 0.00	35.49 -0.46 0.00	31.71 -0.39 0.00
NM_FRONTIER___DRP 24179	29.91 -3.20 0.00	28.70 -3.28 0.00	33.79 -3.83 0.00	31.12 -3.68 0.00	31.70 -3.41 0.00	31.48 -3.34 0.00	34.15 -3.63 0.00	31.12 -3.65 0.38	19.61 -2.72 7.85	15.00 -2.27 9.49	21.43 -2.35 8.46	21.54 -2.52 8.62	19.71 -2.31 8.60	23.72 -2.40 8.92	20.97 -1.91 7.44	22.57 -2.07 5.51	26.68 -2.72 3.27	24.81 -3.44 12.79	31.95 -4.11 14.46	32.94 -3.46 3.87	45.59 -3.69 0.00	40.04 -3.28 0.00	32.79 -2.68 0.48	28.30 -2.84 0.95
NM_ST_REGIS___HYD 24053	32.90 -0.21 0.00	31.61 -0.38 0.00	37.11 -0.50 0.00	34.26 -0.53 0.00	34.72 -0.38 0.00	34.54 -0.29 0.00	37.31 -0.47 0.00	34.58 -0.57 0.00	29.32 -0.85 0.00	25.92 -0.84 0.00	31.25 -0.99 0.00	31.70 -0.98 0.00	29.60 -1.03 0.00	33.99 -1.05 0.00	29.18 -1.14 0.00	35.67 -1.34 -6.85	33.94 -1.19 -2.46	39.64 -1.40 0.00	49.05 -1.48 0.00	40.67 -1.09 -1.49	48.25 -1.02 0.00	42.39 -0.93 0.00	35.33 -0.62 0.00	31.36 -0.73 0.00
NORTHPORT___1 23551	34.38 1.80 0.53	33.73 1.73 0.00	39.39 1.77 0.00	36.65 1.85 0.00	36.87 1.76 0.00	36.91 2.08 0.00	40.00 2.22 0.00	37.08 2.55 0.62	31.39 2.37 1.16	27.70 2.05 1.10	33.90 3.13 1.47	33.04 3.43 3.07	30.06 2.98 3.54	34.87 2.95 3.12	30.98 2.40 1.74	31.24 2.28 1.20	32.71 2.61 2.56	43.12 3.20 1.12	54.32 3.87 0.07	42.87 2.96 0.36	52.69 3.42 0.00	46.23 3.14 0.23	37.76 2.35 0.54	33.76 2.33 0.67
NORTHPORT___2 23552	34.38 1.80 0.53	33.73 1.73 0.00	39.39 1.77 0.00	36.65 1.85 0.00	36.87 1.76 0.00	36.91 2.08 0.00	40.00 2.22 0.00	37.08 2.55 0.62	31.39 2.37 1.16	27.70 2.05 1.10	33.90 3.13 1.47	33.04 3.43 3.07	30.06 2.98 3.54	34.87 2.95 3.12	30.98 2.40 1.74	31.24 2.28 1.20	32.71 2.61 2.56	43.12 3.20 1.12	54.32 3.87 0.07	42.87 2.96 0.36	52.69 3.42 0.00	46.23 3.14 0.23	37.76 2.35 0.54	33.76 2.33 0.67
NORTHPORT___3 23553	33.83 1.25 0.53	33.18 1.19 0.00	38.78 1.17 0.00	36.05 1.26 0.00	36.22 1.12 0.00	36.20 1.38 0.00	39.26 1.48 0.00	36.36 1.83 0.62	30.79 1.77 1.16	27.26 1.61 1.10	33.35 2.60 1.49	32.42 2.83 3.10	29.50 2.47 3.59	34.28 2.39 3.14	30.46 1.89 1.75	30.71 1.76 1.21	32.08 2.02 2.60	42.37 2.46 1.13	53.29 2.84 0.07	42.13 2.22 0.36	51.70 2.43 0.00	45.36 2.28 0.23	37.13 1.73 0.54	33.20 1.77 0.67
NORTHPORT___4 23650	33.83 1.25 0.53	33.18 1.19 0.00	38.78 1.17 0.00	36.05 1.26 0.00	36.22 1.12 0.00	36.20 1.38 0.00	39.26 1.48 0.00	36.36 1.83 0.62	30.79 1.77 1.16	27.26 1.61 1.10	33.35 2.60 1.49	32.42 2.83 3.10	29.50 2.47 3.59	34.28 2.39 3.14	30.46 1.89 1.75	30.71 1.76 1.21	32.08 2.02 2.60	42.37 2.46 1.13	53.29 2.84 0.07	42.13 2.22 0.36	51.70 2.43 0.00	45.36 2.28 0.23	37.13 1.73 0.54	33.20 1.77 0.67
NORTHPORT___IC 23718	34.37 1.79 0.53	33.73 1.73 0.00	39.39 1.77 0.00	36.65 1.85 0.00	36.87 1.76 0.00	36.91 2.08 0.00	40.00 2.22 0.00	37.08 2.55 0.62	31.39 2.37 1.16	27.71 2.06 1.10	33.91 3.14 1.47	33.03 3.42 3.07	30.06 2.98 3.54	34.87 2.95 3.12	30.99 2.40 1.74	31.24 2.29 1.20	32.73 2.63 2.56	43.13 3.21 1.12	54.32 3.87 0.07	42.87 2.96 0.36	52.69 3.42 0.00	46.28 3.19 0.23	37.80 2.40 0.54	33.76 2.33 0.67
NORTH___COUNTRY_ESR 323785	33.38 0.27 0.00	31.92 -0.07 0.00	37.48 -0.13 0.00	34.57 -0.23 0.00	35.03 -0.08 0.00	34.80 -0.02 0.00	37.41 -0.37 0.00	34.63 -0.52 0.00	29.29 -0.88 0.00	25.77 -0.99 0.00	31.02 -1.22 0.00	31.56 -1.12 0.00	29.65 -0.98 0.00	34.21 -0.82 0.00	29.29 -1.04 0.00	2.34 -1.43 26.39	22.11 -1.07 9.48	39.97 -1.07 0.00	49.14 -1.39 0.00	33.06 -1.48 5.73	48.01 -1.27 0.00	42.52 -0.80 0.00	35.23 -0.72 0.00	31.35 -0.74 0.00
NPX_GEN_1385_PROXY 323591	34.62 2.04 0.53	33.95 1.96 0.00	39.43 1.81 0.00	36.65 1.85 0.00	36.86 1.75 0.00	36.93 2.10 0.00	39.96 2.18 0.00	37.33 2.80 0.62	31.58 2.56 1.16	27.60 1.95 1.10	33.89 3.13 1.47	33.26 3.65 3.07	30.15 3.07 3.54	34.80 2.88 3.12	31.09 2.50 1.74	31.45 2.49 1.20	32.81 2.70 2.56	42.94 3.01 1.12	54.56 4.11 0.07	42.57 2.66 0.36	52.68 3.41 0.00	46.37 3.28 0.23	37.65 2.25 0.54	33.69 2.26 0.67
NPX_GEN_CSC 323557	33.62 1.05 0.53	32.96 0.98 0.00	38.50 0.88 0.00	36.14 1.34 0.00	36.56 1.45 0.00	36.98 2.15 0.00	39.93 2.15 0.00	36.95 2.42 0.62	31.00 1.98 1.16	27.19 1.54 1.10	33.40 2.56 1.39	32.67 2.89 2.90	29.71 2.41 3.33	34.33 2.26 2.96	30.41 1.74 1.65	30.38 1.48 1.26	32.17 1.86 2.35	42.45 2.45 1.04	53.68 3.22 0.07	42.17 2.27 0.36	51.93 2.66 0.00	45.58 2.50 0.23	37.11 1.70 0.54	33.12 1.69 0.67
NSINS_S___GLNS_FALLS 23858	35.14 2.03 0.00	33.84 1.84 0.00	39.77 2.15 0.00	36.41 1.62 0.00	36.82 1.71 0.00	36.66 1.83 0.00	40.13 2.35 0.00	37.51 2.36 0.00	32.03 1.85 0.00	27.89 1.14 0.00	33.40 1.17 0.00	33.99 1.31 0.00	31.89 1.26 0.00	36.58 1.55 0.00	31.68 1.37 0.00	31.60 1.44 0.00	34.34 1.67 0.00	43.53 2.49 0.00	53.68 3.16 0.00	42.79 2.52 0.00	52.24 2.97 0.00	45.76 2.44 0.00	37.89 1.94 0.00	33.74 1.64 0.00
NUCOR_STEEL___DRP 24197	33.04 -0.07 0.00	31.77 -0.23 0.00	37.47 -0.15 0.00	34.68 -0.12 0.00	35.01 -0.10 0.00	34.78 -0.05 0.00	37.83 0.05 0.00	34.97 -0.18 0.00	29.93 -0.24 0.00	26.51 -0.24 0.00	32.01 -0.22 0.00	32.31 -0.37 0.00	30.39 -0.23 0.00	34.85 -0.18 0.00	30.12 -0.20 0.00	29.96 -0.19 0.00	32.61 -0.05 0.00	41.04 0.00 0.00	50.74 0.21 0.00	40.40 0.14 0.00	49.51 0.24 0.00	43.42 0.10 0.00	35.86 -0.09 0.00	32.11 0.01 0.00
NUMBER_THREE_WT_PWR 323818	32.02 -1.09 0.00	30.92 -1.07 0.00	36.37 -1.25 0.00	33.63 -1.17 0.00	34.16 -0.94 0.00	34.30 -0.53 0.00	36.97 -0.81 0.00	34.47 -0.68 0.00	29.69 -0.49 0.00	25.97 -0.78 0.00	31.10 -1.14 0.00	31.26 -1.42 0.00	28.98 -1.64 0.00	32.77 -2.27 0.00	28.34 -1.97 0.00	29.58 -1.79 -1.22	31.34 -1.77 -0.44	39.49 -1.55 0.00	49.05 -1.48 0.00	39.52 -1.02 -0.26	48.15 -1.12 0.00	42.06 -1.26 0.00	34.82 -1.13 0.00	30.92 -1.18 0.00
NYISO_LBMP_REFERENCE 24008	33.11 0.00 0.00	31.99 0.00 0.00	37.62 0.00 0.00	34.80 0.00 0.00	35.11 0.00 0.00	34.83 0.00 0.00	37.78 0.00 0.00	35.15 0.00 0.00	30.18 0.00 0.00	26.75 0.00 0.00	32.24 0.00 0.00	32.68 0.00 0.00	30.62 0.00 0.00	35.03 0.00 0.00	30.32 0.00 0.00	30.15 0.00 0.00	32.66 0.00 0.00	41.04 0.00 0.00	50.53 0.00 0.00	40.27 0.00 0.00	49.27 0.00 0.00	43.33 0.00 0.00	35.95 0.00 0.00	32.09 0.00 0.00

NYPA_BRENTWD____GT 24164	34.56 1.99 0.53	33.87 1.88 0.00	39.56 1.94 0.00	36.82 2.03 0.00	37.08 1.97 0.00	37.18 2.35 0.00	40.33 2.55 0.00	37.37 2.84 0.62	31.64 2.62 1.16	27.94 2.29 1.10	34.34 3.40 1.30	33.66 3.68 2.69	30.78 3.20 3.05	35.50 3.24 2.77	31.35 2.57 1.54	31.43 2.40 1.12	33.39 2.82 2.10	43.69 3.59 0.94	54.76 4.31 0.07	43.27 3.36 0.36	53.17 3.90 0.00	46.61 3.52 0.23	38.04 2.63 0.54	33.99 2.56 0.67
NYPA_GOWANUS____GT5 24156	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NYPA_GOWANUS____GT6 24157	53.22 2.36 -17.75	43.52 2.34 -9.19	40.20 2.58 0.00	37.21 2.41 0.00	37.46 2.36 0.00	37.30 2.47 0.00	40.59 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.80 2.29 -28.75	56.34 2.85 -21.26	78.81 2.93 -43.20	92.65 2.65 -59.38	89.14 2.78 -51.33	63.12 2.38 -30.42	84.89 2.44 -52.29	108.06 2.71 -72.68	59.15 3.49 -14.62	56.98 4.28 -2.17	58.51 3.46 -14.78	53.57 4.10 -0.20	53.15 3.54 -6.28	52.98 2.84 -14.18	52.24 2.63 -17.52
NYPA_HARLEM__RVR__GT1 24160	58.32 2.07 -23.13	34.02 2.04 0.01	39.89 2.28 0.01	36.92 2.13 0.01	37.18 2.08 0.01	37.01 2.19 0.01	40.30 2.51 -0.01	53.88 2.54 -16.20	61.02 2.34 -28.50	76.58 2.14 -47.68	70.21 2.71 -35.26	107.12 2.82 -71.62	99.37 2.51 -66.24	85.44 2.58 -47.82	70.15 2.22 -37.61	34.91 2.25 -2.51	51.42 2.47 -16.28	53.52 3.17 -9.31	56.13 3.88 -1.72	50.32 3.12 -6.94	52.92 3.64 0.00	56.62 3.18 -10.12	61.97 2.58 -23.44	60.85 2.35 -26.40
NYPA_HARLEM__RVR__GT2 24161	58.32 2.07 -23.13	34.02 2.04 0.01	39.89 2.28 0.01	36.92 2.13 0.01	37.18 2.08 0.01	37.01 2.19 0.01	40.30 2.51 -0.01	53.88 2.54 -16.20	61.02 2.34 -28.50	76.58 2.14 -47.68	70.21 2.71 -35.26	107.12 2.82 -71.62	99.37 2.51 -66.24	85.44 2.58 -47.82	70.15 2.22 -37.61	34.91 2.25 -2.51	51.42 2.47 -16.28	53.52 3.17 -9.31	56.13 3.88 -1.72	50.32 3.12 -6.94	52.92 3.64 0.00	56.62 3.18 -10.12	61.97 2.58 -23.44	60.85 2.35 -26.40
NYPA_KENT____GT 24152	50.60 2.24 -15.24	37.34 2.23 -3.12	40.10 2.49 0.00	37.11 2.31 0.00	37.37 2.26 0.00	37.20 2.38 0.00	40.48 2.70 -0.01	48.44 2.70 -10.59	56.10 2.45 -23.47	57.73 2.22 -28.75	56.26 2.77 -21.26	78.74 2.86 -43.20	66.92 2.57 -33.72	82.66 2.70 -44.93	56.37 2.32 -23.73	39.89 2.38 -7.36	24.88 2.62 10.40	52.63 3.37 -8.22	56.49 4.14 -1.83	49.91 3.33 -6.31	53.09 3.92 0.10	52.92 3.41 -6.18	52.86 2.75 -14.16	52.03 2.52 -17.41
NYPA_POUCH1____GT 24155	53.13 2.27 -17.75	43.46 2.28 -9.19	40.10 2.49 0.00	37.12 2.33 0.00	37.37 2.26 0.00	37.21 2.38 0.00	40.48 2.70 -0.01	48.00 2.64 -10.21	53.76 2.37 -21.21	56.09 2.14 -27.20	56.12 2.68 -21.21	65.35 2.77 -29.90	84.48 2.51 -51.34	83.14 2.64 -45.46	60.35 2.25 -27.78	84.77 2.32 -52.29	107.93 2.58 -72.68	58.99 3.33 -14.62	55.26 4.12 -0.62	58.38 3.33 -14.78	53.43 3.96 -0.20	53.00 3.39 -6.28	52.86 2.73 -14.18	52.16 2.54 -17.52
NYPA_VERNON____GT2 24162	49.38 2.14 -14.13	34.56 2.13 -0.44	39.99 2.38 0.00	37.03 2.23 0.00	37.28 2.17 0.00	37.11 2.28 0.00	40.39 2.60 -0.01	48.35 2.62 -10.59	56.07 2.42 -23.47	57.71 2.20 -28.75	56.21 2.72 -21.26	78.70 2.82 -43.20	73.82 2.54 -40.66	84.34 2.65 -46.66	58.14 2.28 -25.54	51.99 2.33 -19.51	47.30 2.57 -12.07	54.29 3.30 -9.95	56.48 4.04 -1.92	52.11 3.24 -8.60	53.04 3.79 0.02	52.75 3.28 -6.14	52.75 2.65 -14.15	51.88 2.42 -17.36
NYPA_VERNON____GT3 24163	49.38 2.14 -14.13	34.56 2.13 -0.44	39.99 2.38 0.00	37.03 2.23 0.00	37.28 2.17 0.00	37.11 2.28 0.00	40.39 2.60 -0.01	48.35 2.62 -10.59	56.07 2.42 -23.47	57.71 2.20 -28.75	56.21 2.72 -21.26	78.70 2.82 -43.20	73.82 2.54 -40.66	84.34 2.65 -46.66	58.14 2.28 -25.54	51.99 2.33 -19.51	47.30 2.57 -12.07	54.29 3.30 -9.95	56.48 4.04 -1.92	52.11 3.24 -8.60	53.04 3.79 0.02	52.75 3.28 -6.14	52.75 2.65 -14.15	51.88 2.42 -17.36
NYPA__ASTORIA_CC1 323568	49.18 2.12 -13.95	34.09 2.10 0.00	39.97 2.36 0.00	37.01 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.57 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.68 2.17 -28.75	56.21 2.71 -21.26	78.69 2.81 -43.20	76.25 2.52 -43.10	84.93 2.63 -47.27	58.76 2.27 -26.18	56.25 2.32 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.00 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.72 3.25 -6.14	52.72 2.62 -14.15	51.85 2.40 -17.35
NYPA__ASTORIA_CC2 323569	49.18 2.12 -13.95	34.09 2.10 0.00	39.97 2.36 0.00	37.01 2.21 0.00	37.26 2.15 0.00	37.08 2.26 0.00	40.35 2.57 -0.01	48.32 2.58 -10.59	56.04 2.39 -23.47	57.68 2.17 -28.75	56.21 2.71 -21.26	78.69 2.81 -43.20	76.25 2.52 -43.10	84.93 2.63 -47.27	58.76 2.27 -26.18	56.25 2.32 -23.78	55.18 2.56 -19.96	54.87 3.27 -10.56	56.48 4.00 -1.95	52.89 3.22 -9.41	53.03 3.75 -0.01	52.72 3.25 -6.14	52.72 2.62 -14.15	51.85 2.40 -17.35
NYPA__HOLTSVILL 23794	34.18 1.60 0.53	33.50 1.51 0.00	39.12 1.51 0.00	36.50 1.70 0.00	36.78 1.68 0.00	36.97 2.14 0.00	40.05 2.27 0.00	37.08 2.54 0.62	31.32 2.30 1.16	27.61 1.96 1.10	33.86 3.02 1.40	33.07 3.31 2.91	30.12 2.84 3.34	34.86 2.80 2.97	30.88 2.22 1.66	31.02 2.04 1.18	32.70 2.41 2.37	43.09 3.09 1.04	54.20 3.75 0.07	42.76 2.85 0.36	52.58 3.31 0.00	46.13 3.05 0.23	37.63 2.22 0.54	33.61 2.19 0.67
NYPA__HELLGATE_GT1 24158	36.65 2.07 -1.46	34.02 2.04 0.01	39.89 2.28 0.01	36.92 2.13 0.01	37.18 2.08 0.01	37.01 2.19 0.01	40.30 2.51 -0.01	38.86 2.54 -1.18	43.85 2.34 -11.33	31.91 2.14 -3.02	37.18 2.71 -2.23	40.04 2.82 -4.54	42.88 2.51 -9.74	73.70 2.58 -36.09	41.08 2.22 -8.53	71.87 2.27 -39.45	54.09 2.49 -18.93	53.52 3.17 -9.31	56.13 3.88 -1.72	50.56 3.12 -7.17	52.92 3.64 0.00	47.20 3.18 -0.70	40.02 2.58 -1.49	38.63 2.35 -4.18
NYPA__HELLGATE_GT2 24159	36.65 2.07 -1.46	34.02 2.04 0.01	39.89 2.28 0.01	36.92 2.13 0.01	37.18 2.08 0.01	37.01 2.19 0.01	40.30 2.51 -0.01	38.86 2.54 -1.18	43.85 2.34 -11.33	31.91 2.14 -3.02	37.18 2.71 -2.23	40.04 2.82 -4.54	42.88 2.51 -9.74	73.70 2.58 -36.09	41.08 2.22 -8.53	71.87 2.27 -39.45	54.09 2.49 -18.93	53.52 3.17 -9.31	56.13 3.88 -1.72	50.56 3.12 -7.17	52.92 3.64 0.00	47.20 3.18 -0.70	40.02 2.58 -1.49	38.63 2.35 -4.18
NYS_BARGE__HYD 23848	30.38 -2.72 0.00	29.22 -2.77 0.00	34.39 -3.22 0.00	31.69 -3.10 0.00	32.29 -2.81 0.00	32.10 -2.73 0.00	34.81 -2.97 0.00	31.79 -3.02 0.34	20.83 -2.09 7.26	16.21 -1.70 8.84	22.54 -1.81 7.88	22.56 -2.07 8.05	20.68 -1.91 8.03	24.87 -1.87 8.30	21.99 -1.41 6.92	23.50 -1.52 5.13	27.57 -2.05 3.04	26.73 -2.51 11.81	34.11 -3.06 13.36	34.11 -2.63 3.53	46.47 -2.80 0.00	40.83 -2.49 0.00	33.49 -2.02 0.44	29.01 -2.22 0.87

OAK ORCHARD___HYD 24046	31.77 -1.34 0.00	30.62 -1.37 0.00	36.01 -1.60 0.00	33.25 -1.55 0.00	33.71 -1.40 0.00	33.50 -1.33 0.00	36.40 -1.38 0.00	33.71 -1.44 0.00	29.03 -1.14 0.00	25.80 -0.96 0.00	31.27 -0.97 0.00	31.62 -1.06 0.00	29.63 -0.99 0.00	34.16 -0.87 0.00	29.69 -0.63 0.00	29.51 -0.64 0.00	31.85 -0.82 0.00	39.97 -1.08 -0.01	49.31 -1.22 0.00	39.25 -1.02 0.00	48.42 -0.85 0.00	42.44 -0.88 0.00	35.16 -0.79 0.00	31.16 -0.94 0.00
OAKDALE___35_KV_LOAD 356122	33.07 -0.05 0.00	31.96 -0.03 0.00	37.65 0.04 0.00	34.79 0.00 0.00	35.10 -0.01 0.00	34.78 -0.05 0.00	37.90 0.12 0.00	35.33 0.18 0.00	30.36 0.19 0.00	26.89 0.14 0.00	32.44 0.21 0.00	32.90 0.22 0.00	30.92 0.29 0.00	35.38 0.35 0.00	30.56 0.24 0.00	30.41 0.26 0.00	32.90 0.23 0.00	41.33 0.28 0.00	50.97 0.45 0.00	40.47 0.20 0.00	49.59 0.31 0.00	43.51 0.19 0.00	36.11 0.16 0.00	32.27 0.17 0.00
OCC_CHEM___DRP 24175	30.00 -3.11 0.00	28.79 -3.20 0.00	33.89 -3.72 0.00	31.22 -3.58 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.25 -3.53 0.00	31.22 -3.55 0.38	19.61 -2.66 7.91	14.97 -2.22 9.57	21.43 -2.28 8.53	21.53 -2.46 8.69	19.70 -2.25 8.67	23.71 -2.33 8.99	20.96 -1.85 7.50	22.59 -2.01 5.56	26.73 -2.64 3.30	24.77 -3.37 12.90	31.94 -4.01 14.57	33.02 -3.36 3.89	45.73 -3.54 0.00	40.16 -3.16 0.00	32.89 -2.57 0.49	28.38 -2.76 0.96
OH_GEN_PROXY 24063	30.28 -2.83 0.00	29.15 -2.84 0.00	34.32 -3.29 0.00	31.63 -3.16 0.00	32.18 -2.93 0.00	31.94 -2.88 0.00	34.64 -3.14 0.00	31.66 -3.15 0.33	20.97 -2.33 6.87	16.57 -1.89 8.30	22.84 -2.01 7.39	22.95 -2.23 7.50	21.09 -2.08 7.46	25.19 -2.07 7.77	22.22 -1.62 6.48	23.62 -1.73 4.80	27.56 -2.26 2.84	26.91 -2.97 11.16	34.32 -3.55 12.66	33.90 -2.97 3.40	46.27 -3.00 0.00	40.61 -2.71 0.00	33.29 -2.23 0.43	28.86 -2.39 0.84
OLIN_CORP_DRP 24177	30.01 -3.11 0.00	28.79 -3.19 0.00	33.90 -3.72 0.00	31.21 -3.59 0.00	31.84 -3.26 0.00	31.63 -3.20 0.00	34.28 -3.50 0.00	31.22 -3.55 0.38	19.66 -2.54 7.97	14.90 -2.12 9.74	21.37 -2.19 8.68	21.43 -2.38 8.86	19.60 -2.18 8.84	23.65 -2.25 9.14	20.93 -1.77 7.62	22.59 -1.91 5.65	26.80 -2.51 3.35	24.92 -3.17 12.95	31.96 -3.86 14.70	33.13 -3.32 3.88	45.70 -3.57 0.00	40.18 -3.15 0.00	32.94 -2.52 0.49	28.48 -2.65 0.96
OLIN_CORP_DSASP 323712	29.95 -3.16 0.00	28.80 -3.19 0.00	33.89 -3.72 0.00	31.24 -3.56 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.23 -3.55 0.00	31.22 -3.55 0.38	19.70 -2.57 7.91	15.12 -2.07 9.57	21.49 -2.21 8.53	21.52 -2.46 8.69	19.69 -2.26 8.67	23.76 -2.28 8.99	21.02 -1.80 7.50	22.62 -1.97 5.56	26.77 -2.60 3.30	24.87 -3.27 12.90	32.03 -3.92 14.57	33.06 -3.32 3.89	45.73 -3.54 0.00	40.17 -3.15 0.00	32.89 -2.57 0.49	28.40 -2.74 0.96
ONEIDA_HERK_LFGE 323681	33.04 -0.07 0.00	31.94 -0.05 0.00	37.56 -0.05 0.00	34.72 -0.07 0.00	35.14 0.03 0.00	35.07 0.24 0.00	38.02 0.24 0.00	35.41 0.26 0.00	30.38 0.20 0.00	26.75 -0.01 0.00	32.19 -0.05 0.00	32.58 -0.10 0.00	30.30 -0.33 0.00	34.44 -0.59 0.00	29.88 -0.44 0.00	30.42 -0.32 -0.58	32.61 -0.26 -0.21	41.13 0.09 0.00	50.90 0.38 0.00	40.74 0.35 -0.12	49.72 0.45 0.00	43.55 0.22 0.00	36.06 0.11 0.00	32.08 -0.01 0.00
ONEIDA___115KV_TB4 55905	33.52 0.41 0.00	32.41 0.42 0.00	38.11 0.49 0.00	35.22 0.43 0.00	35.59 0.49 0.00	35.40 0.57 0.00	38.52 0.74 0.00	35.86 0.71 0.00	30.65 0.47 0.00	27.03 0.27 0.00	32.67 0.43 0.00	33.15 0.48 0.00	30.82 0.20 0.00	35.22 0.19 0.00	30.58 0.26 0.00	30.57 0.42 0.00	33.14 0.47 0.00	41.92 0.88 0.00	51.90 1.37 0.00	41.29 1.02 0.00	50.49 1.22 0.00	44.29 0.96 0.00	36.66 0.71 0.00	32.64 0.55 0.00
ONONDAGA_REF_OCCRA 23987	32.83 -0.28 0.00	31.72 -0.28 0.00	37.30 -0.31 0.00	34.48 -0.31 0.00	34.80 -0.31 0.00	34.54 -0.28 0.00	37.53 -0.25 0.00	34.90 -0.25 0.00	30.08 -0.09 0.00	26.62 -0.14 0.00	32.03 -0.20 0.00	32.43 -0.25 0.00	30.42 -0.20 0.00	34.99 -0.04 0.00	30.29 -0.03 0.00	30.16 0.00 0.00	32.66 -0.01 0.00	41.10 0.06 0.00	50.75 0.22 0.00	40.14 -0.12 0.00	49.12 -0.15 0.00	43.11 -0.21 0.00	35.73 -0.21 0.00	31.92 -0.18 0.00
ONONDAGA___COGEN 23986	32.81 -0.30 0.00	31.69 -0.31 0.00	37.27 -0.34 0.00	34.45 -0.34 0.00	34.79 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.28 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.52 -0.23 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.19 0.00	40.82 -0.21 0.00	50.39 -0.13 0.00	40.05 -0.22 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00
ONTARIO___LFGE 23819	32.62 -0.49 0.00	31.46 -0.53 0.00	37.08 -0.54 0.00	34.26 -0.54 0.00	34.68 -0.43 0.00	34.49 -0.34 0.00	37.64 -0.14 0.00	35.11 -0.26 -0.22	34.34 -0.29 -4.46	31.76 -0.38 -5.39	36.66 -0.38 -4.80	37.05 -0.41 -4.78	35.10 -0.25 -4.72	39.69 -0.24 -4.90	34.16 -0.26 -4.10	32.93 -0.26 -3.04	34.26 -0.20 -1.80	47.69 -0.39 -7.04	58.19 -0.30 -7.96	42.21 -0.18 -2.12	49.41 0.14 0.00	43.26 -0.06 0.00	36.11 -0.11 -0.27	32.46 -0.18 -0.54
ORANGEVILLE_WT_PWR 323706	30.68 -2.43 0.00	29.52 -2.47 0.00	34.88 -2.73 0.00	32.18 -2.62 0.00	32.69 -2.41 0.00	32.50 -2.32 0.00	35.39 -2.40 0.00	31.06 -2.62 1.46	-2.37 -2.07 30.49	-12.07 -1.94 36.88	-2.91 -2.27 32.87	-2.81 -2.32 33.16	-4.53 -2.22 32.93	-1.37 -2.39 34.00	0.01 -1.94 28.37	7.15 -1.98 21.03	17.82 -2.36 12.48	-10.70 -2.92 48.82	-7.59 -3.39 54.73	22.83 -2.90 14.54	46.23 -3.05 0.00	40.53 -2.80 0.00	31.82 -2.28 1.85	26.23 -2.24 3.62
ORANGEVILLE___ESR 323794	30.68 -2.43 0.00	29.52 -2.47 0.00	34.88 -2.73 0.00	32.18 -2.62 0.00	32.69 -2.41 0.00	32.50 -2.32 0.00	35.39 -2.40 0.00	31.06 -2.62 1.46	-2.37 -2.07 30.49	-12.07 -1.94 36.88	-2.91 -2.27 32.87	-2.81 -2.32 33.16	-4.53 -2.22 32.93	-1.37 -2.39 34.00	0.01 -1.94 28.37	7.15 -1.98 21.03	17.82 -2.36 12.48	-10.70 -2.92 48.82	-7.59 -3.39 54.73	22.83 -2.90 14.54	46.23 -3.05 0.00	40.53 -2.80 0.00	31.82 -2.28 1.85	26.23 -2.24 3.62
OSWEGATCHIE___HYD 24044	32.26 -0.85 0.00	31.08 -0.91 0.00	36.54 -1.08 0.00	33.75 -1.05 0.00	34.23 -0.87 0.00	34.20 -0.63 0.00	36.94 -0.84 0.00	34.32 -0.83 0.00	29.35 -0.83 0.00	25.83 -0.92 0.00	31.08 -1.16 0.00	31.28 -1.40 0.00	29.06 -1.57 0.00	33.11 -1.92 0.00	28.54 -1.78 0.00	31.21 -1.72 -2.78	31.95 -1.71 -1.00	39.35 -1.69 0.00	48.86 -1.67 0.00	39.70 -1.18 -0.60	48.00 -1.27 0.00	42.01 -1.31 0.00	34.92 -1.03 0.00	31.00 -1.10 0.00
OSWEGO___5 23606	32.29 -0.82 0.00	31.19 -0.80 0.00	36.69 -0.92 0.00	33.92 -0.87 0.00	34.24 -0.87 0.00	33.97 -0.86 0.00	36.85 -0.93 0.00	34.23 -0.92 0.00	29.39 -0.79 0.00	26.08 -0.67 0.00	31.43 -0.81 0.00	31.81 -0.87 0.00	29.85 -0.78 0.00	34.17 -0.87 0.00	29.57 -0.74 0.00	29.43 -0.72 0.00	31.84 -0.82 0.00	39.98 -1.06 0.00	49.27 -1.25 0.00	39.25 -1.02 0.00	48.08 -1.20 0.00	42.23 -1.10 0.00	35.02 -0.92 0.00	31.30 -0.79 0.00

OSWEGO___6 23613	32.29 -0.82 0.00	31.19 -0.80 0.00	36.69 -0.92 0.00	33.92 -0.87 0.00	34.24 -0.87 0.00	33.97 -0.86 0.00	36.85 -0.93 0.00	34.23 -0.92 0.00	29.39 -0.79 0.00	26.08 -0.67 0.00	31.43 -0.81 0.00	31.81 -0.87 0.00	29.85 -0.78 0.00	34.17 -0.87 0.00	29.57 -0.74 0.00	29.43 -0.72 0.00	31.84 -0.82 0.00	39.98 -1.06 0.00	49.27 -1.25 0.00	39.25 -1.02 0.00	48.08 -1.20 0.00	42.23 -1.10 0.00	35.02 -0.92 0.00	31.30 -0.79 0.00
OUTOKUMPU-AB___DRP 24206	30.73 -2.38 0.00	29.48 -2.52 0.00	34.72 -2.89 0.00	31.97 -2.82 0.00	32.56 -2.55 0.00	32.37 -2.46 0.00	35.14 -2.64 0.00	32.04 -2.70 0.41	19.77 -1.91 8.50	14.84 -1.61 10.31	21.47 -1.57 9.19	21.48 -1.80 9.40	19.59 -1.66 9.38	23.72 -1.64 9.67	21.01 -1.24 8.06	22.83 -1.35 5.98	27.23 -1.89 3.55	24.82 -2.38 13.84	32.16 -2.85 15.51	33.71 -2.45 4.11	46.86 -2.41 0.00	41.12 -2.20 0.00	33.64 -1.79 0.51	29.05 -2.03 1.01
OXBOW___BTM 323836	30.28 -2.83 0.00	29.10 -2.90 0.00	34.26 -3.35 0.00	31.57 -3.23 0.00	32.14 -2.97 0.00	31.94 -2.89 0.00	34.65 -3.13 0.00	31.60 -3.16 0.39	19.74 -2.22 8.21	15.02 -1.80 9.94	21.48 -1.89 8.86	21.47 -2.16 9.05	19.60 -2.00 9.03	23.73 -1.97 9.34	21.01 -1.52 7.79	22.71 -1.67 5.77	26.99 -2.25 3.42	24.86 -2.80 13.38	32.10 -3.38 15.05	33.37 -2.89 4.00	46.26 -3.01 0.00	40.62 -2.71 0.00	33.24 -2.21 0.50	28.69 -2.42 0.98
OXBOW____ 24026	30.33 -2.79 0.00	29.09 -2.90 0.00	34.26 -3.35 0.00	31.55 -3.25 0.00	32.14 -2.97 0.00	31.94 -2.89 0.00	34.66 -3.12 0.00	31.59 -3.16 0.39	19.65 -2.31 8.21	14.87 -1.94 9.94	21.41 -1.96 8.86	21.47 -2.16 9.05	19.61 -1.98 9.03	23.68 -2.02 9.34	20.96 -1.57 7.79	22.68 -1.70 5.77	26.96 -2.28 3.42	24.77 -2.90 13.38	32.02 -3.46 15.05	33.33 -2.94 4.00	46.26 -3.02 0.00	40.61 -2.71 0.00	33.22 -2.22 0.50	28.69 -2.42 0.98
OXY_CHEM_DSASP 323612	30.00 -3.11 0.00	28.79 -3.20 0.00	33.89 -3.72 0.00	31.22 -3.58 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.25 -3.53 0.00	31.22 -3.55 0.38	19.61 -2.66 7.91	14.97 -2.22 9.57	21.43 -2.28 8.53	21.53 -2.46 8.69	19.70 -2.25 8.67	23.71 -2.33 8.99	20.96 -1.85 7.50	22.59 -2.01 5.56	26.73 -2.64 3.30	24.77 -3.37 12.90	31.94 -4.01 14.57	33.02 -3.89 3.89	45.73 -3.54 0.00	40.16 -3.16 0.00	32.89 -2.57 0.49	28.38 -2.76 0.96
OZONE_PARK_ESR 323760	47.69 2.28 -12.30	34.24 2.25 0.00	40.17 2.56 0.00	37.18 2.38 0.00	37.43 2.32 0.00	37.26 2.43 0.00	40.57 2.79 -0.01	46.67 2.83 -8.69	52.72 2.63 -19.91	54.54 2.42 -25.36	53.95 2.97 -18.75	73.87 3.09 -38.10	71.43 2.79 -38.01	79.64 2.92 -41.69	55.92 2.52 -23.08	53.68 2.56 -20.97	53.06 2.79 -17.60	53.93 3.58 -9.31	56.58 4.33 -1.72	52.04 3.48 -8.29	53.31 4.03 0.00	52.22 3.49 -5.41	51.24 2.81 -12.48	49.91 2.51 -15.30
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.00 -3.11 0.00	28.79 -3.20 0.00	33.89 -3.72 0.00	31.22 -3.58 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.25 -3.53 0.00	31.22 -3.55 0.38	19.61 -2.66 7.91	14.97 -2.22 9.57	21.43 -2.28 8.53	21.53 -2.46 8.69	19.70 -2.25 8.67	23.71 -2.33 8.99	20.96 -1.85 7.50	22.59 -2.01 5.56	26.73 -2.64 3.30	24.77 -3.37 12.90	31.94 -4.01 14.57	33.02 -3.36 3.89	45.73 -3.54 0.00	40.16 -3.16 0.00	32.89 -2.57 0.49	28.38 -2.76 0.96
PACKARD__115KV_DUPONT_184 80571	30.00 -3.11 0.00	28.79 -3.20 0.00	33.89 -3.72 0.00	31.22 -3.58 0.00	31.81 -3.30 0.00	31.59 -3.24 0.00	34.25 -3.53 0.00	31.22 -3.55 0.38	19.61 -2.66 7.91	14.97 -2.22 9.57	21.43 -2.28 8.53	21.53 -2.46 8.69	19.70 -2.25 8.67	23.71 -2.33 8.99	20.96 -1.85 7.50	22.59 -2.01 5.56	26.73 -2.64 3.30	24.77 -3.37 12.90	31.94 -4.01 14.57	33.02 -3.36 3.89	45.73 -3.54 0.00	40.16 -3.16 0.00	32.89 -2.57 0.49	28.38 -2.76 0.96
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.34 1.90 -0.34	33.90 1.91 0.00	39.73 2.12 0.00	36.79 2.00 0.00	37.05 1.94 0.00	36.88 2.05 0.00	40.14 2.36 -0.01	37.92 2.37 -0.40	33.12 2.21 -0.74	29.48 2.03 -0.70	35.31 2.56 -0.51	36.37 2.64 -1.06	39.82 2.38 -6.81	55.84 2.49 -18.32	36.35 2.08 -3.95	32.87 2.12 -0.60	51.17 2.36 -16.15	53.38 3.03 -9.31	55.97 3.72 -1.72	50.30 2.98 -7.05	52.75 3.47 -0.01	46.52 2.99 -0.21	38.70 2.39 -0.36	34.72 2.19 -0.43
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.35 1.90 -0.34	33.90 1.91 0.00	39.75 2.13 0.00	36.79 2.00 0.00	37.05 1.94 0.00	36.88 2.05 0.00	40.15 2.36 -0.01	37.92 2.37 -0.40	33.12 2.21 -0.74	29.49 2.03 -0.70	35.31 2.56 -0.51	36.37 2.64 -1.06	39.82 2.38 -6.81	55.84 2.49 -18.32	36.36 2.09 -3.95	32.87 2.12 -0.60	51.51 2.70 -16.15	53.79 3.43 -9.31	56.47 4.22 -1.72	50.71 3.39 -7.05	53.24 3.96 -0.01	47.04 3.51 -0.21	39.14 2.84 -0.36	35.14 2.61 -0.43
PATROON__115KV_TB1 80586	33.86 0.75 0.00	32.75 0.76 0.00	38.43 0.82 0.00	35.60 0.80 0.00	35.85 0.74 0.00	35.57 0.74 0.00	38.52 0.74 0.00	35.78 0.63 0.00	30.62 0.45 0.00	27.18 0.43 0.00	32.76 0.53 0.00	33.32 0.65 0.00	31.28 0.65 0.00	35.72 0.69 0.00	30.99 0.67 0.00	30.95 0.80 0.00	33.42 0.75 0.00	42.28 1.24 0.00	52.04 1.51 0.00	41.44 1.17 0.00	50.49 1.22 0.00	44.41 1.09 0.00	36.85 0.90 0.00	32.95 0.85 0.00
PATTRSNVILLE___SOLAR 323815	34.56 1.45 0.00	33.39 1.40 0.00	39.28 1.66 0.00	36.32 1.52 0.00	36.69 1.58 0.00	36.45 1.62 0.00	39.63 1.85 0.00	36.66 1.51 0.00	30.58 0.40 0.00	26.68 -0.07 0.00	32.02 -0.22 0.00	32.65 -0.02 0.00	30.99 0.36 0.00	35.50 0.47 0.00	30.75 0.43 0.00	31.33 1.18 0.00	33.04 0.38 0.00	41.95 0.91 0.00	52.23 1.71 0.00	42.30 2.03 0.00	51.87 2.60 0.00	45.57 2.25 0.00	37.71 1.76 0.00	33.60 1.51 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.60 -1.51 0.00	30.36 -1.63 0.00	35.79 -1.82 0.00	32.96 -1.84 0.00	33.52 -1.59 0.00	33.29 -1.54 0.00	36.23 -1.55 0.00	33.10 -1.62 0.43	20.17 -1.04 8.96	14.97 -0.91 10.88	21.73 -0.81 9.69	21.70 -1.07 9.91	19.71 -1.04 9.88	23.88 -1.04 10.12	21.22 -0.66 8.44	23.22 -0.68 6.25	27.83 -1.11 3.72	25.12 -1.41 14.51	32.87 -1.57 16.09	34.46 -1.58 4.22	47.85 -1.42 0.00	41.92 -1.40 0.00	34.28 -1.14 0.53	29.72 -1.33 1.04
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.92 1.81 0.00	33.78 1.79 0.00	39.64 2.02 0.00	36.69 1.90 0.00	36.94 1.84 0.00	36.76 1.94 0.00	40.03 2.25 0.00	37.45 2.30 0.00	32.33 2.16 0.00	28.76 2.01 0.00	34.64 2.41 0.00	35.19 2.51 0.00	32.84 2.22 0.00	37.35 2.31 0.00	32.38 2.06 0.00	32.27 2.11 0.00	35.00 2.33 0.00	44.03 2.99 0.00	54.26 3.73 0.00	43.26 2.99 0.00	52.69 3.42 0.00	46.28 2.95 0.00	38.26 2.31 0.00	34.15 2.06 0.00
PEEKSKILL____ 23653	34.74 1.63 0.00	33.61 1.62 0.00	39.43 1.82 0.00	36.51 1.71 0.00	36.75 1.65 0.00	36.57 1.74 0.00	39.76 1.99 0.00	37.48 2.06 -0.27	32.45 1.95 -0.32	28.57 1.81 0.00	34.47 2.23 0.00	35.02 2.35 0.00	32.71 2.09 0.00	37.19 2.16 0.00	32.19 1.88 0.00	32.08 1.92 0.00	34.80 2.13 0.00	43.77 2.73 0.00	53.88 3.36 0.00	42.94 2.67 0.00	52.29 3.02 0.00	45.94 2.62 0.00	38.01 2.06 0.00	33.97 1.87 0.00

PGE MADISON___WINDPWR 24146	33.62 0.51 0.00	32.53 0.54 0.00	38.58 0.97 0.00	36.10 1.30 0.00	36.53 1.43 0.00	35.74 0.91 0.00	39.49 1.71 0.00	37.39 2.17 -0.07	33.32 1.67 -1.48	29.29 0.82 -1.71	33.86 0.14 -1.49	33.97 -0.23 -1.52	32.25 0.11 -1.52	37.31 0.70 -1.58	32.37 0.58 -1.48	31.73 0.47 -1.10	33.90 0.58 -0.65	43.88 0.28 -2.56	56.31 2.89 -2.90	42.24 1.20 -0.78	50.80 1.53 0.00	44.69 1.36 0.00	36.44 0.40 -0.10	32.93 0.64 -0.19
PIERCEFIELD___HYD 23852	32.70 -0.41 0.00	31.47 -0.52 0.00	36.95 -0.66 0.00	34.13 -0.67 0.00	34.57 -0.53 0.00	34.38 -0.44 0.00	37.18 -0.60 0.00	34.47 -0.68 0.00	29.28 -0.90 0.00	25.92 -0.84 0.00	31.27 -0.97 0.00	31.68 -1.00 0.00	29.53 -1.10 0.00	33.85 -1.18 0.00	29.11 -1.21 0.00	32.89 -1.36 -4.09	32.86 -1.28 -1.47	39.53 -1.51 0.00	48.93 -1.59 0.00	40.03 -1.12 -0.89	48.13 -1.14 0.00	42.21 -1.11 0.00	35.23 -0.71 0.00	31.28 -0.81 0.00
PINELAWN_CC_1 323563	34.40 1.82 0.53	33.69 1.70 0.00	39.39 1.78 0.00	36.63 1.83 0.00	36.86 1.75 0.00	36.91 2.08 0.00	40.05 2.27 0.00	37.10 2.56 0.62	31.43 2.41 1.16	27.81 2.15 1.10	34.58 3.16 0.82	34.41 3.39 1.66	31.93 2.96 1.65	36.22 3.00 1.81	31.70 2.38 1.01	31.42 2.18 0.91	34.51 2.61 0.76	43.95 3.31 0.40	54.33 3.88 0.07	43.03 3.12 0.36	52.81 3.54 0.00	46.30 3.21 0.23	37.82 2.42 0.54	33.79 2.36 0.67
PJM_GEN_HTP_PROXY 323702	37.97 1.95 -2.90	33.93 1.94 0.00	38.59 2.19 1.21	36.86 2.07 0.00	37.11 2.00 0.00	36.92 2.09 0.00	40.18 2.39 0.00	44.18 2.45 -6.58	42.68 2.30 -10.21	34.84 2.12 -5.96	39.25 2.61 -4.41	44.38 2.72 -8.98	42.04 2.45 -8.97	47.41 2.55 -9.83	37.96 2.19 -5.45	37.34 2.24 -4.95	39.31 2.49 -4.16	46.43 3.19 -2.20	54.82 3.88 -0.41	45.34 3.12 -1.96	52.85 3.58 0.00	47.68 3.08 -1.27	41.36 2.49 -2.93	37.94 2.25 -3.60
PJM_GEN_KEystone 24065	34.02 0.04 -0.86	32.05 0.06 0.00	36.49 0.09 1.21	34.81 0.02 0.00	35.14 0.04 0.00	34.90 0.08 0.00	37.93 0.14 0.00	35.91 0.24 -0.52	30.04 0.43 0.57	26.64 0.48 0.59	32.17 0.73 0.80	34.12 0.73 -0.72	32.08 0.67 -0.79	36.70 0.68 -0.99	30.96 0.64 0.00	31.08 0.66 -0.27	33.81 0.62 -0.52	39.64 0.73 2.13	48.48 0.95 3.00	37.85 0.51 2.93	49.92 0.64 0.00	44.15 0.45 -0.38	37.06 0.36 -0.76	33.25 0.31 -0.84
PJM_GEN_NEPTUNE_PROXY 323594	34.19 1.61 0.53	33.49 1.50 0.00	37.97 1.56 1.21	36.40 1.61 0.00	36.62 1.51 0.00	36.58 1.76 0.00	39.69 1.91 0.00	36.73 2.19 0.62	31.13 2.10 1.16	27.55 1.90 1.10	33.19 2.74 1.79	31.87 2.93 3.75	28.76 2.58 4.44	33.87 2.58 3.74	30.33 2.11 2.09	30.86 2.05 1.34	31.61 2.35 3.41	42.52 2.92 1.44	53.85 3.40 0.07	42.67 2.76 0.36	52.31 3.04 0.00	45.86 2.77 0.23	37.52 2.12 0.54	33.52 2.09 0.67
PJM_GEN_VFT_PROXY 323633	47.25 1.83 -12.30	33.84 1.85 0.00	38.50 2.10 1.21	36.77 1.97 0.00	37.02 1.91 0.00	36.84 2.01 0.00	40.07 2.29 -0.01	46.21 2.37 -8.69	52.30 2.21 -19.91	54.14 2.03 -25.36	53.46 2.47 -18.75	73.36 2.58 -38.10	70.94 2.31 -38.01	79.11 2.39 -41.69	55.47 2.06 -23.08	53.26 2.13 -20.97	52.64 2.37 -17.60	53.38 3.03 -9.31	55.90 3.65 -1.72	51.52 2.96 -8.29	52.62 3.34 0.00	51.64 2.91 -5.41	50.77 2.34 -12.48	49.52 2.12 -15.30
PLATSBURG_115KV_PMLD1 355749	33.82 0.71 0.00	32.37 0.38 0.00	37.97 0.36 0.00	35.01 0.21 0.00	35.45 0.34 0.00	35.24 0.41 0.00	37.89 0.11 0.00	35.14 -0.01 0.00	29.73 -0.44 0.00	26.13 -0.63 0.00	31.34 -0.90 0.00	31.91 -0.77 0.00	30.04 -0.59 0.00	34.60 -0.43 0.00	29.68 -0.64 0.00	4.32 -1.15 24.69	22.94 -0.86 8.87	40.31 -0.73 0.00	49.72 -0.81 0.00	33.87 -1.03 5.36	48.54 -0.73 0.00	43.03 -0.29 0.00	35.72 -0.23 0.00	31.77 -0.33 0.00
PLEASANTVLY___LBMP 24000	34.51 1.40 0.00	33.40 1.41 0.00	39.20 1.59 0.00	36.29 1.49 0.00	36.53 1.42 0.00	36.31 1.49 0.00	39.50 1.72 0.00	36.92 1.77 0.00	31.88 1.70 0.00	28.38 1.62 0.00	34.18 1.94 0.00	34.69 2.01 0.00	32.42 1.80 0.00	36.87 1.84 0.00	31.93 1.62 0.00	31.84 1.68 0.00	34.54 1.87 0.00	43.44 2.40 0.00	53.47 2.94 0.00	42.61 2.34 0.00	51.88 2.61 0.00	45.60 2.27 0.00	37.75 1.80 0.00	33.72 1.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.42 1.68 0.38	33.68 1.69 0.00	39.52 1.91 0.00	36.59 1.79 0.00	36.83 1.72 0.00	36.65 1.82 0.00	39.87 2.09 0.00	36.87 2.15 0.43	31.40 2.03 0.81	27.88 1.89 0.77	33.98 2.32 0.57	33.93 2.41 1.16	31.63 2.16 1.16	35.99 2.23 1.27	31.57 1.95 0.70	31.51 2.00 0.64	34.36 2.23 0.53	43.58 2.82 0.28	53.95 3.47 0.05	42.78 2.76 0.25	52.42 3.14 0.00	45.87 2.71 0.16	37.73 2.16 0.38	33.57 1.94 0.46
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.42 1.68 0.38	33.68 1.69 0.00	39.52 1.91 0.00	36.59 1.79 0.00	36.83 1.72 0.00	36.65 1.82 0.00	39.87 2.09 0.00	36.87 2.15 0.43	31.40 2.03 0.81	27.88 1.89 0.77	33.98 2.32 0.57	33.93 2.41 1.16	31.63 2.16 1.16	35.99 2.23 1.27	31.57 1.95 0.70	31.51 2.00 0.64	34.36 2.23 0.53	43.58 2.82 0.28	53.95 3.47 0.05	42.78 2.76 0.25	52.42 3.14 0.00	45.87 2.71 0.16	37.73 2.16 0.38	33.57 1.94 0.46
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.72 1.61 0.00	33.59 1.59 0.00	39.43 1.81 0.00	36.49 1.70 0.00	36.74 1.63 0.00	36.53 1.71 0.00	39.78 2.00 0.00	37.19 2.04 0.00	32.10 1.92 0.00	28.56 1.80 0.00	34.36 2.13 0.00	34.90 2.23 0.00	32.57 1.94 0.00	37.06 2.03 0.00	32.13 1.81 0.00	32.05 1.90 0.00	34.76 2.10 0.00	43.74 2.70 0.00	53.89 3.36 0.00	43.00 2.73 0.00	52.37 3.10 0.00	45.99 2.67 0.00	38.04 2.10 0.00	33.95 1.86 0.00
POLETTI___ 23519	47.42 2.01 -12.30	33.99 2.00 0.00	39.87 2.26 0.00	36.93 2.13 0.00	37.17 2.06 0.00	36.99 2.16 0.00	40.26 2.48 -0.01	46.37 2.54 -8.69	52.45 2.37 -19.91	54.29 2.18 -25.35	53.66 2.68 -18.74	73.54 2.77 -38.09	71.13 2.51 -38.00	79.33 2.62 -41.68	55.66 2.26 -23.08	53.42 2.30 -20.97	52.82 2.56 -17.60	53.62 3.27 -9.31	56.22 3.97 -1.72	51.75 3.19 -8.29	52.93 3.65 0.00	51.91 3.18 -5.41	50.97 2.54 -12.48	49.69 2.29 -15.30
POMONA___ESR 323819	34.64 1.53 0.00	33.53 1.54 0.00	39.35 1.74 0.00	36.42 1.62 0.00	36.65 1.54 0.00	36.47 1.64 0.00	39.62 1.84 0.00	37.08 1.94 0.00	32.02 1.84 0.00	28.48 1.72 0.00	34.38 2.14 0.00	34.93 2.25 0.00	32.65 2.02 0.00	37.11 2.08 0.00	32.14 1.82 0.00	32.03 1.88 0.00	34.74 2.08 0.00	43.69 2.65 0.00	53.79 3.26 0.00	42.81 2.54 0.00	52.10 2.82 0.00	45.75 2.43 0.00	37.85 1.90 0.00	33.83 1.74 0.00
PORT_JEFF_3 23555	34.26 1.68 0.53	33.57 1.57 0.00	39.20 1.58 0.00	36.57 1.78 0.00	36.87 1.76 0.00	37.05 2.22 0.00	40.14 2.36 0.00	37.17 2.64 0.62	31.41 2.39 1.16	27.69 2.04 1.10	33.96 3.12 1.39	33.20 3.41 2.89	30.25 2.94 3.31	35.00 2.92 2.95	30.97 2.30 1.65	31.09 2.10 1.16	32.82 2.49 2.34	43.23 3.22 1.03	54.37 3.91 0.07	42.90 2.99 0.36	52.76 3.49 0.00	46.27 3.18 0.23	37.74 2.34 0.54	33.70 2.27 0.67

PORT_JEFF_4 23616	34.26 1.68 0.53	33.57 1.57 0.00	39.20 1.58 0.00	36.57 1.78 0.00	36.87 1.76 0.00	37.05 2.22 0.00	40.14 2.36 0.00	37.17 2.64 0.62	31.41 2.39 1.16	27.69 2.04 1.10	33.96 3.12 1.39	33.20 3.41 2.89	30.25 2.94 3.31	35.00 2.92 2.95	30.97 2.30 1.65	31.09 2.10 1.16	32.82 2.49 2.34	43.23 3.22 1.03	54.37 3.91 0.07	42.90 2.99 0.36	52.76 3.49 0.00	46.27 3.18 0.23	37.74 2.34 0.54	33.70 2.27 0.67
PORT_JEFF_IC 23713	34.24 1.67 0.53	33.57 1.58 0.00	39.19 1.58 0.00	36.57 1.77 0.00	36.87 1.76 0.00	37.06 2.23 0.00	40.14 2.36 0.00	37.18 2.64 0.62	31.41 2.39 1.16	27.70 2.05 1.10	34.01 3.14 1.37	33.23 3.41 2.86	30.30 2.94 3.27	35.04 2.93 2.92	31.00 2.31 1.63	31.12 2.10 1.14	32.88 2.51 2.30	43.25 3.23 1.02	54.38 3.93 0.07	42.91 3.00 0.36	52.77 3.49 0.00	46.33 3.24 0.23	37.80 2.40 0.54	33.70 2.27 0.67
PPL PILGRIM_ST_GT1 24216	34.56 1.99 0.53	33.87 1.88 0.00	39.56 1.94 0.00	36.82 2.03 0.00	37.08 1.97 0.00	37.18 2.35 0.00	40.33 2.55 0.00	37.37 2.84 0.62	31.64 2.62 1.16	27.94 2.29 1.10	34.34 3.40 1.30	33.66 3.68 2.69	30.78 3.20 3.05	35.50 3.24 2.77	31.35 2.57 1.54	31.43 2.40 1.12	33.39 2.82 2.10	43.69 3.59 0.94	54.76 4.31 0.07	43.27 3.36 0.36	53.17 3.90 0.00	46.61 3.52 0.23	38.04 2.63 0.54	33.99 2.56 0.67
PPL PILGRIM_ST_GT2 24217	34.56 1.99 0.53	33.87 1.88 0.00	39.56 1.94 0.00	36.82 2.03 0.00	37.08 1.97 0.00	37.18 2.35 0.00	40.33 2.55 0.00	37.37 2.84 0.62	31.64 2.62 1.16	27.94 2.29 1.10	34.34 3.40 1.30	33.66 3.68 2.69	30.78 3.20 3.05	35.50 3.24 2.77	31.35 2.57 1.54	31.43 2.40 1.12	33.39 2.82 2.10	43.69 3.59 0.94	54.76 4.31 0.07	43.27 3.36 0.36	53.17 3.90 0.00	46.61 3.52 0.23	38.04 2.63 0.54	33.99 2.56 0.67
PPL_SHRM_GT3 24213	33.67 1.09 0.53	33.01 1.01 0.00	38.53 0.92 0.00	36.17 1.37 0.00	36.58 1.47 0.00	37.00 2.17 0.00	39.96 2.18 0.00	36.98 2.45 0.62	31.04 2.02 1.16	27.23 1.58 1.10	33.45 2.60 1.38	32.73 2.93 2.88	29.77 2.45 3.30	34.40 2.31 2.94	30.45 1.77 1.64	30.45 1.51 1.21	32.22 1.89 2.33	42.51 2.49 1.03	53.73 3.27 0.07	42.22 2.32 0.36	51.99 2.71 0.00	45.64 2.55 0.23	37.16 1.75 0.54	33.16 1.73 0.67
PPL_SHRM_GT4 24214	33.67 1.09 0.53	33.01 1.01 0.00	38.53 0.92 0.00	36.17 1.37 0.00	36.58 1.47 0.00	37.00 2.17 0.00	39.96 2.18 0.00	36.98 2.45 0.62	31.04 2.02 1.16	27.23 1.58 1.10	33.45 2.60 1.38	32.73 2.93 2.88	29.77 2.45 3.30	34.40 2.31 2.94	30.45 1.77 1.64	30.45 1.51 1.21	32.22 1.89 2.33	42.51 2.49 1.03	53.73 3.27 0.07	42.22 2.32 0.36	51.99 2.71 0.00	45.64 2.55 0.23	37.16 1.75 0.54	33.16 1.73 0.67
PROJECT___ORANGE 1 24174	32.65 -0.46 0.00	31.54 -0.46 0.00	37.08 -0.53 0.00	34.29 -0.51 0.00	34.61 -0.50 0.00	34.35 -0.48 0.00	37.29 -0.49 0.00	34.67 -0.48 0.00	29.93 -0.25 0.00	26.50 -0.26 0.00	31.90 -0.34 0.00	32.28 -0.40 0.00	30.28 -0.35 0.00	34.83 -0.20 0.00	30.18 -0.14 0.00	30.05 -0.10 0.00	32.50 -0.16 0.00	40.89 -0.15 0.00	50.45 -0.07 0.00	39.87 -0.39 0.00	48.79 -0.49 0.00	42.82 -0.50 0.00	35.50 -0.45 0.00	31.72 -0.38 0.00
PROJECT___ORANGE 2 24166	32.65 -0.46 0.00	31.54 -0.46 0.00	37.08 -0.53 0.00	34.29 -0.51 0.00	34.61 -0.50 0.00	34.35 -0.48 0.00	37.29 -0.49 0.00	34.67 -0.48 0.00	29.93 -0.25 0.00	26.50 -0.26 0.00	31.90 -0.34 0.00	32.28 -0.40 0.00	30.28 -0.35 0.00	34.83 -0.20 0.00	30.18 -0.14 0.00	30.05 -0.10 0.00	32.50 -0.16 0.00	40.89 -0.15 0.00	50.45 -0.07 0.00	39.87 -0.39 0.00	48.79 -0.49 0.00	42.82 -0.50 0.00	35.50 -0.45 0.00	31.72 -0.38 0.00
PUCKETT___SOLAR 323809	33.15 0.05 0.00	32.15 0.16 0.00	37.97 0.35 0.00	35.11 0.31 0.00	35.36 0.25 0.00	34.92 0.09 0.00	38.24 0.46 0.00	35.79 0.64 0.00	30.62 0.45 0.00	27.00 0.24 0.00	32.34 0.10 0.00	32.80 0.13 0.00	30.83 0.21 0.00	35.42 0.39 0.00	30.44 0.12 0.00	30.23 0.07 0.00	32.68 0.02 0.00	41.32 0.28 0.00	51.04 0.51 0.00	40.54 0.27 0.00	49.67 0.40 0.00	43.58 0.25 0.00	36.16 0.21 0.00	32.31 0.21 0.00
PYRITES___HYD 24023	33.59 0.48 0.00	32.34 0.35 0.00	37.97 0.35 0.00	35.04 0.25 0.00	35.52 0.41 0.00	35.34 0.51 0.00	38.32 0.54 0.00	35.41 0.26 0.00	29.89 -0.28 0.00	26.61 -0.15 0.00	32.12 -0.11 0.00	32.64 -0.04 0.00	30.24 -0.39 0.00	34.56 -0.47 0.00	29.69 -0.63 0.00	33.13 -0.69 -3.68	33.40 -0.59 -1.32	40.32 -0.72 0.00	50.33 -0.20 0.00	41.16 0.10 -0.80	49.66 0.39 0.00	43.52 0.19 0.00	36.30 0.35 0.00	32.20 0.10 0.00
QUAKERRD_115KV_BK1 80622	31.38 -1.73 0.00	30.24 -1.75 0.00	35.56 -2.05 0.00	32.84 -1.95 0.00	33.27 -1.83 0.00	33.07 -1.76 0.00	35.94 -1.84 0.00	33.29 -1.86 0.00	28.62 -1.56 0.00	25.39 -1.37 0.00	30.77 -1.47 0.00	31.15 -1.53 0.00	29.21 -1.42 0.00	33.59 -1.44 0.00	29.16 -1.16 0.00	29.00 -1.15 0.00	31.34 -1.33 0.00	39.30 -1.74 0.00	48.48 -2.05 0.00	38.62 -1.65 0.00	47.60 -1.68 0.00	41.73 -1.60 0.00	34.56 -1.39 0.00	30.68 -1.41 0.00
QUEENSBRY_115KV_TB8 356137	35.21 2.10 0.00	33.88 1.89 0.00	39.82 2.21 0.00	36.44 1.64 0.00	36.85 1.74 0.00	36.72 1.90 0.00	40.22 2.44 0.00	37.61 2.46 0.00	32.12 1.94 0.00	27.94 1.19 0.00	33.42 1.18 0.00	34.01 1.33 0.00	31.91 1.28 0.00	36.60 1.57 0.00	31.72 1.40 0.00	31.61 1.46 0.00	34.38 1.72 0.00	43.64 2.60 0.00	53.79 3.26 0.00	42.87 2.60 0.00	52.34 3.07 0.00	45.83 2.51 0.00	37.95 2.00 0.00	33.79 1.70 0.00
RAMAPO___LBMP 323565	34.40 1.29 0.00	33.31 1.32 0.00	39.10 1.48 0.00	36.19 1.39 0.00	36.42 1.31 0.00	36.23 1.40 0.00	39.34 1.56 0.00	36.82 1.67 0.00	31.79 1.62 0.00	28.28 1.53 0.00	34.11 1.88 0.00	34.65 1.97 0.00	32.40 1.78 0.00	36.83 1.80 0.00	31.89 1.57 0.00	31.80 1.64 0.00	34.50 1.83 0.00	43.38 2.34 0.00	53.39 2.86 0.00	42.48 2.21 0.00	51.68 2.41 0.00	45.40 2.08 0.00	37.56 1.61 0.00	33.59 1.50 0.00
RANKINE____ 23646	31.07 -2.04 0.00	29.84 -2.15 0.00	35.17 -2.44 0.00	32.38 -2.41 0.00	32.95 -2.16 0.00	32.73 -2.10 0.00	35.60 -2.18 0.00	32.38 -2.28 0.50	18.18 -1.55 10.45	12.73 -1.35 12.67	19.66 -1.29 11.29	19.52 -1.57 11.59	17.57 -1.48 11.57	21.66 -1.53 11.85	19.29 -1.14 9.88	21.62 -1.21 7.33	26.31 -1.67 4.68	21.64 -2.17 17.23	29.13 -2.59 18.81	33.05 -2.28 4.94	47.20 -2.07 0.00	41.37 -1.95 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21
RAVENSWOOD_GT2_1 24244	49.06 2.00 -13.95	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.12 0.00	37.16 2.05 0.00	36.99 2.16 0.00	40.24 2.46 -0.01	48.25 2.52 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.72 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.83 3.24 -10.56	56.41 3.93 -1.95	52.83 3.15 -9.41	52.92 3.64 -0.01	52.60 3.14 -6.14	52.63 2.53 -14.15	51.73 2.28 -17.35



RAVENSWOOD_GT2_2 24245	49.06 2.00 -13.95	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.12 0.00	37.16 2.05 0.00	36.99 2.16 0.00	40.24 2.46 -0.01	48.25 2.52 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.72 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.83 3.24 -10.56	56.41 3.93 -1.95	52.83 3.15 -9.41	52.92 3.64 -0.01	52.60 3.14 -6.14	52.63 2.53 -14.15	51.73 2.28 -17.35
RAVENSWOOD_GT2_3 24246	49.07 2.01 -13.95	34.00 2.01 0.00	39.88 2.26 0.00	36.93 2.13 0.00	37.18 2.07 0.00	36.99 2.17 0.00	40.27 2.48 -0.01	48.27 2.53 -10.59	56.01 2.36 -23.47	57.68 2.17 -28.75	56.16 2.67 -21.26	78.65 2.77 -43.20	76.22 2.50 -43.10	84.91 2.61 -47.27	58.74 2.24 -26.18	56.23 2.30 -23.78	55.17 2.55 -19.96	54.86 3.26 -10.56	56.45 3.97 -1.95	52.85 3.18 -9.41	52.93 3.65 -0.01	52.63 3.17 -6.14	52.63 2.53 -14.15	51.74 2.29 -17.35
RAVENSWOOD_GT2_4 24247	49.07 2.01 -13.95	34.00 2.01 0.00	39.88 2.26 0.00	36.93 2.13 0.00	37.18 2.07 0.00	36.99 2.17 0.00	40.27 2.48 -0.01	48.27 2.53 -10.59	56.01 2.36 -23.47	57.68 2.17 -28.75	56.16 2.67 -21.26	78.65 2.77 -43.20	76.22 2.50 -43.10	84.91 2.61 -47.27	58.74 2.24 -26.18	56.23 2.30 -23.78	55.17 2.55 -19.96	54.86 3.26 -10.56	56.45 3.97 -1.95	52.85 3.18 -9.41	52.93 3.65 -0.01	52.63 3.17 -6.14	52.63 2.53 -14.15	51.74 2.29 -17.35
RAVENSWOOD_GT3_1 24248	49.07 2.00 -13.95	33.99 1.99 0.00	39.87 2.26 0.00	36.91 2.12 0.00	37.16 2.05 0.00	36.99 2.16 0.00	40.24 2.46 -0.01	48.25 2.52 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.72 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.41 3.93 -1.95	52.83 3.16 -9.41	52.92 3.64 -0.01	52.60 3.14 -6.14	52.63 2.53 -14.15	51.73 2.28 -17.35
RAVENSWOOD_GT3_2 24249	49.07 2.00 -13.95	33.99 1.99 0.00	39.87 2.26 0.00	36.91 2.12 0.00	37.16 2.05 0.00	36.99 2.16 0.00	40.24 2.46 -0.01	48.25 2.52 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.72 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.41 3.93 -1.95	52.83 3.16 -9.41	52.92 3.64 -0.01	52.60 3.14 -6.14	52.63 2.53 -14.15	51.73 2.28 -17.35
RAVENSWOOD_GT3_3 24250	49.11 2.04 -13.95	34.03 2.04 0.00	39.91 2.30 0.00	36.96 2.17 0.00	37.21 2.10 0.00	37.03 2.20 0.00	40.30 2.52 -0.01	48.30 2.57 -10.59	56.04 2.39 -23.47	57.72 2.21 -28.75	56.20 2.71 -21.26	78.69 2.81 -43.20	76.26 2.53 -43.10	84.95 2.65 -47.27	58.78 2.29 -26.18	56.26 2.33 -23.78	55.21 2.59 -19.96	54.90 3.30 -10.56	56.50 4.02 -1.95	52.90 3.22 -9.41	53.00 3.72 -0.01	52.68 3.22 -6.14	52.67 2.57 -14.15	51.77 2.32 -17.35
RAVENSWOOD_GT3_4 24251	49.11 2.04 -13.95	34.03 2.04 0.00	39.91 2.30 0.00	36.96 2.17 0.00	37.21 2.10 0.00	37.03 2.20 0.00	40.30 2.52 -0.01	48.30 2.57 -10.59	56.04 2.39 -23.47	57.72 2.21 -28.75	56.20 2.71 -21.26	78.69 2.81 -43.20	76.26 2.53 -43.10	84.95 2.65 -47.27	58.78 2.29 -26.18	56.26 2.33 -23.78	55.21 2.59 -19.96	54.90 3.30 -10.56	56.50 4.02 -1.95	52.90 3.22 -9.41	53.00 3.72 -0.01	52.68 3.22 -6.14	52.67 2.57 -14.15	51.77 2.32 -17.35
RAVENSWOOD_GT_1 23729	49.37 2.12 -14.13	34.57 2.13 -0.44	39.99 2.38 0.00	37.02 2.23 0.00	37.28 2.17 0.00	37.11 2.28 0.00	40.38 2.60 -0.01	48.35 2.61 -10.59	56.07 2.43 -23.47	57.72 2.21 -28.75	56.22 2.72 -21.26	78.68 2.80 -43.20	73.82 2.53 -40.66	84.35 2.66 -46.66	58.13 2.27 -25.54	51.99 2.33 -19.51	47.30 2.57 -12.07	54.30 3.31 -9.95	56.48 4.04 -1.92	52.11 3.25 -8.60	53.04 3.79 0.02	52.74 3.28 -6.14	52.73 2.63 -14.15	51.86 2.40 -17.36
RAVENSWOOD_GT_10 24258	49.06 1.99 -13.95	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.11 0.00	37.16 2.05 0.00	36.98 2.16 0.00	40.24 2.46 -0.01	48.24 2.51 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.73 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.41 3.93 -1.95	52.82 3.15 -9.41	52.91 3.63 -0.01	52.60 3.14 -6.14	52.62 2.52 -14.15	51.72 2.28 -17.35
RAVENSWOOD_GT_11 24259	49.06 1.99 -13.95	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.11 0.00	37.16 2.05 0.00	36.98 2.16 0.00	40.24 2.46 -0.01	48.24 2.51 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.73 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.41 3.93 -1.95	52.82 3.15 -9.41	52.91 3.63 -0.01	52.60 3.14 -6.14	52.62 2.52 -14.15	51.72 2.28 -17.35
RAVENSWOOD_GT_4 24252	49.17 1.98 -14.09	34.30 1.98 -0.34	39.84 2.23 0.00	36.90 2.10 0.00	37.14 2.04 0.00	36.96 2.13 0.00	40.23 2.44 -0.01	48.24 2.50 -10.59	55.98 2.33 -23.47	57.66 2.15 -28.75	56.14 2.64 -21.26	78.62 2.74 -43.20	74.34 2.47 -41.24	84.42 2.58 -46.80	58.24 2.23 -25.69	52.95 2.27 -20.53	49.14 2.52 -13.95	54.36 3.23 -10.10	56.38 3.93 -1.93	52.21 3.15 -8.79	52.86 3.60 0.01	52.60 3.13 -6.14	52.60 2.50 -14.15	51.71 2.26 -17.36
RAVENSWOOD_GT_5 24254	49.17 1.98 -14.09	34.30 1.98 -0.34	39.84 2.23 0.00	36.90 2.10 0.00	37.14 2.04 0.00	36.96 2.13 0.00	40.23 2.44 -0.01	48.24 2.50 -10.59	55.98 2.33 -23.47	57.66 2.15 -28.75	56.14 2.64 -21.26	78.62 2.74 -43.20	74.34 2.47 -41.24	84.42 2.58 -46.80	58.24 2.23 -25.69	52.95 2.27 -20.53	49.14 2.52 -13.95	54.36 3.23 -10.10	56.38 3.93 -1.93	52.21 3.15 -8.79	52.86 3.60 0.01	52.60 3.13 -6.14	52.60 2.50 -14.15	51.71 2.26 -17.36
RAVENSWOOD_GT_6 24253	49.17 1.98 -14.09	34.30 1.98 -0.34	39.84 2.23 0.00	36.90 2.10 0.00	37.14 2.04 0.00	36.96 2.13 0.00	40.23 2.44 -0.01	48.24 2.50 -10.59	55.98 2.33 -23.47	57.66 2.15 -28.75	56.14 2.64 -21.26	78.62 2.74 -43.20	74.34 2.47 -41.24	84.42 2.58 -46.80	58.24 2.23 -25.69	52.95 2.27 -20.53	49.14 2.52 -13.95	54.36 3.23 -10.10	56.38 3.93 -1.93	52.21 3.15 -8.79	52.86 3.60 0.01	52.60 3.13 -6.14	52.60 2.50 -14.15	51.71 2.26 -17.36
RAVENSWOOD_GT_7 24255	49.17 1.98 -14.09	34.30 1.98 -0.34	39.84 2.23 0.00	36.90 2.10 0.00	37.14 2.04 0.00	36.96 2.13 0.00	40.23 2.44 -0.01	48.24 2.50 -10.59	55.98 2.33 -23.47	57.66 2.15 -28.75	56.14 2.64 -21.26	78.62 2.74 -43.20	74.34 2.47 -41.24	84.42 2.58 -46.80	58.24 2.23 -25.69	52.95 2.27 -20.53	49.14 2.52 -13.95	54.36 3.23 -10.10	56.38 3.93 -1.93	52.21 3.15 -8.79	52.86 3.60 0.01	52.60 3.13 -6.14	52.60 2.50 -14.15	51.71 2.26 -17.36
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.06 1.99 -13.95	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.11 0.00	37.16 2.05 0.00	36.98 2.16 0.00	40.24 2.46 -0.01	48.24 2.51 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.73 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.41 3.93 -1.95	52.82 3.15 -9.41	52.91 3.63 -0.01	52.60 3.14 -6.14	52.62 2.52 -14.15	51.72 2.28 -17.35

RAVENSWOOD_GT_9 24257	49.06 1.99 -13.95	33.98 1.99 0.00	39.87 2.26 0.00	36.91 2.11 0.00	37.16 2.05 0.00	36.98 2.16 0.00	40.24 2.46 -0.01	48.24 2.51 -10.59	55.99 2.34 -23.47	57.67 2.16 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.21 2.48 -43.10	84.89 2.59 -47.27	58.73 2.23 -26.18	56.21 2.27 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.41 3.93 -1.95	52.82 3.15 -9.41	52.91 3.63 -0.01	52.60 3.14 -6.14	52.62 2.52 -14.15	51.72 2.28 -17.35
RAVENSWOOD___1 23533	49.19 2.13 -13.95	34.11 2.12 0.00	39.99 2.37 0.00	37.01 2.21 0.00	37.28 2.17 0.00	37.10 2.27 0.00	40.37 2.58 -0.01	48.35 2.61 -10.59	56.07 2.42 -23.47	57.70 2.19 -28.75	56.21 2.72 -21.26	78.69 2.81 -43.20	76.25 2.53 -43.10	84.94 2.64 -47.27	58.77 2.28 -26.18	56.26 2.32 -23.78	55.19 2.57 -19.96	54.89 3.29 -10.56	56.51 4.03 -1.95	52.91 3.23 -9.41	53.05 3.77 -0.01	52.73 3.27 -6.14	52.74 2.63 -14.15	51.86 2.41 -17.35
RAVENSWOOD___2 23534	49.13 2.07 -13.95	34.04 2.05 0.00	39.91 2.30 0.00	36.94 2.15 0.00	37.20 2.09 0.00	37.03 2.20 0.00	40.29 2.51 -0.01	48.28 2.54 -10.59	56.01 2.36 -23.47	57.65 2.14 -28.75	56.15 2.65 -21.26	78.63 2.75 -43.20	76.19 2.47 -43.10	84.86 2.56 -47.27	58.71 2.22 -26.18	56.20 2.27 -23.78	55.13 2.50 -19.96	54.82 3.21 -10.56	56.42 3.94 -1.95	52.83 3.15 -9.41	52.96 3.68 -0.01	52.64 3.18 -6.14	52.66 2.56 -14.15	51.79 2.34 -17.35
RAVENSWOOD___3 23535	49.07 2.01 -13.95	33.99 2.00 0.00	39.87 2.26 0.00	36.91 2.12 0.00	37.16 2.05 0.00	36.99 2.16 0.00	40.25 2.47 -0.01	48.25 2.52 -10.59	55.99 2.34 -23.47	57.66 2.15 -28.75	56.14 2.65 -21.26	78.64 2.76 -43.20	76.21 2.49 -43.10	84.89 2.59 -47.27	58.73 2.24 -26.18	56.21 2.28 -23.78	55.16 2.53 -19.96	54.84 3.24 -10.56	56.42 3.94 -1.95	52.83 3.16 -9.41	52.92 3.64 -0.01	52.60 3.14 -6.14	52.63 2.53 -14.15	51.74 2.29 -17.35
RAVENSWOOD___4 23820	49.00 2.12 -13.77	33.65 2.10 0.44	39.97 2.36 0.00	37.01 2.21 0.00	37.26 2.15 0.00	37.09 2.26 0.00	40.36 2.58 -0.01	48.34 2.60 -10.59	56.05 2.40 -23.47	57.70 2.19 -28.75	56.21 2.72 -21.26	78.69 2.81 -43.20	78.65 2.52 -45.50	85.53 2.63 -47.86	59.39 2.27 -26.80	60.46 2.32 -27.98	62.96 2.56 -27.73	55.49 3.29 -11.16	56.52 4.01 -1.98	53.69 3.23 -10.20	53.07 3.76 -0.04	52.71 3.26 -6.13	52.72 2.62 -14.15	51.83 2.39 -17.34
RCPI_TRUST___DRP 24196	37.98 1.94 -2.93	33.93 1.94 0.00	39.80 2.19 0.00	36.87 2.07 0.00	37.11 2.00 0.00	36.92 2.09 0.00	40.18 2.40 0.00	44.18 2.45 -6.58	42.70 2.30 -10.22	34.89 2.13 -6.01	39.29 2.61 -4.44	44.44 2.71 -9.05	42.11 2.45 -9.03	47.49 2.55 -9.91	38.00 2.19 -5.49	37.38 2.24 -4.99	39.35 2.49 -4.19	46.46 3.20 -2.22	54.82 3.89 -0.41	45.35 3.11 -1.97	52.85 3.58 0.00	47.70 3.09 -1.28	41.39 2.48 -2.96	37.96 2.24 -3.63
RED___ROCHESTER 323720	31.96 -1.15 0.00	30.80 -1.19 0.00	36.22 -1.39 0.00	33.45 -1.35 0.00	33.90 -1.21 0.00	33.71 -1.12 0.00	36.66 -1.13 0.00	33.90 -1.25 0.00	29.20 -0.98 0.00	25.94 -0.82 0.00	31.50 -0.74 0.00	31.85 -0.82 0.00	29.85 -0.77 0.00	34.43 -0.61 0.00	29.92 -0.40 0.00	29.75 -0.40 0.00	32.12 -0.55 0.00	40.33 -0.72 -0.01	49.74 -0.79 0.00	39.60 -0.66 0.00	48.84 -0.43 0.00	42.81 -0.51 0.00	35.44 -0.51 0.00	31.39 -0.70 0.00
REGAN___SOLAR 323812	34.91 1.80 0.00	33.71 1.72 0.00	39.65 2.04 0.00	36.66 1.86 0.00	37.05 1.94 0.00	36.84 2.01 0.00	40.07 2.29 0.00	36.99 1.84 0.00	30.62 0.44 0.00	26.51 -0.25 0.00	31.90 -0.33 0.00	32.50 -0.18 0.00	31.16 0.54 0.00	35.21 0.17 0.00	30.83 0.51 0.00	31.67 1.51 0.00	33.14 0.48 0.00	42.26 1.22 0.00	52.51 1.98 0.00	42.83 2.56 0.00	52.54 3.26 0.00	46.13 2.81 0.00	38.14 2.19 0.00	33.96 1.87 0.00
RENSSELAER___COGEN 23796	33.68 0.58 0.00	32.57 0.59 0.00	38.25 0.64 0.00	35.43 0.64 0.00	35.69 0.58 0.00	35.41 0.58 0.00	38.32 0.54 0.00	35.61 0.46 0.00	30.47 0.30 0.00	27.04 0.29 0.00	32.59 0.36 0.00	33.12 0.45 0.00	31.08 0.45 0.00	35.47 0.44 0.00	30.81 0.49 0.00	30.74 0.59 0.00	33.18 0.51 0.00	41.97 0.93 0.00	51.65 1.13 0.00	41.15 0.88 0.00	50.15 0.87 0.00	44.11 0.78 0.00	36.61 0.66 0.00	32.76 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.20 3.09 0.00	34.68 2.69 0.00	40.72 3.11 0.00	37.31 2.52 0.00	37.90 2.79 0.00	37.94 3.11 0.00	41.47 3.69 0.00	38.75 3.60 0.00	33.03 2.86 0.00	28.66 1.91 0.00	33.92 1.68 0.00	34.39 1.71 0.00	32.38 1.76 0.00	37.31 2.28 0.00	32.31 2.00 0.00	31.99 1.84 0.00	35.13 2.46 0.00	45.17 4.13 0.00	55.38 4.85 0.00	44.24 3.97 0.00	53.93 4.66 0.00	46.99 3.67 0.00	38.91 2.96 0.00	34.57 2.48 0.00
REVERE_CPFR_DRP 24186	33.73 0.62 0.00	32.60 0.61 0.00	38.32 0.71 0.00	35.39 0.59 0.00	35.79 0.68 0.00	35.67 0.84 0.00	38.80 1.02 0.00	36.13 0.98 0.00	30.87 0.69 0.00	27.19 0.43 0.00	32.88 0.65 0.00	33.36 0.69 0.00	30.91 0.29 0.00	35.22 0.18 0.00	30.61 0.29 0.00	30.61 0.45 0.00	33.26 0.59 0.00	42.24 1.20 0.00	52.34 1.81 0.00	41.66 1.39 0.00	50.94 1.67 0.00	44.63 1.31 0.00	36.92 0.98 0.00	32.83 0.74 0.00
REYNOLDS_115KV_TB3 80639	33.96 0.85 0.00	32.83 0.84 0.00	38.55 0.94 0.00	35.71 0.91 0.00	35.97 0.86 0.00	35.68 0.86 0.00	38.54 0.76 0.00	35.78 0.63 0.00	30.62 0.45 0.00	27.16 0.41 0.00	32.74 0.50 0.00	33.28 0.61 0.00	31.23 0.60 0.00	35.67 0.64 0.00	30.95 0.63 0.00	30.90 0.75 0.00	33.38 0.72 0.00	42.40 1.36 0.00	52.18 1.65 0.00	41.53 1.26 0.00	50.61 1.34 0.00	44.52 1.20 0.00	36.96 1.02 0.00	33.04 0.95 0.00
RIVERBAY____ 323610	35.35 1.90 -0.34	33.90 1.91 0.00	39.75 2.13 0.00	36.79 2.00 0.00	37.05 1.94 0.00	36.88 2.05 0.00	40.15 2.36 -0.01	37.92 2.37 -0.40	33.12 2.21 -0.74	29.49 2.03 -0.70	35.31 2.56 -0.51	36.37 2.64 -1.06	39.82 2.38 -6.81	55.84 2.49 -18.32	36.36 2.09 -3.95	32.87 2.12 -0.60	51.51 2.70 -16.15	53.79 3.43 -9.31	56.47 4.22 -1.72	50.71 3.39 -7.05	53.24 3.96 -0.01	47.04 3.51 -0.21	39.14 2.84 -0.36	35.14 2.61 -0.43
RIVERSDE_115KV_TB3 55908	33.83 0.72 0.00	32.72 0.73 0.00	38.42 0.80 0.00	35.58 0.79 0.00	35.84 0.73 0.00	35.56 0.73 0.00	38.46 0.68 0.00	35.71 0.56 0.00	30.56 0.39 0.00	27.13 0.37 0.00	32.69 0.46 0.00	33.25 0.57 0.00	31.20 0.57 0.00	35.63 0.60 0.00	30.92 0.60 0.00	30.84 0.69 0.00	33.23 0.57 0.00	42.08 1.04 0.00	51.80 1.27 0.00	41.24 0.97 0.00	50.25 0.98 0.00	44.20 0.88 0.00	36.69 0.74 0.00	32.82 0.73 0.00
ROARING___BROOK_WT_PWR 323790	32.47 -0.64 0.00	31.39 -0.60 0.00	36.93 -0.68 0.00	34.19 -0.61 0.00	34.73 -0.38 0.00	34.37 -0.46 0.00	37.10 -0.68 0.00	34.62 -0.53 0.00	29.73 -0.45 0.00	26.17 -0.58 0.00	31.40 -0.84 0.00	31.69 -0.99 0.00	29.61 -1.01 0.00	34.09 -0.94 0.00	29.43 -0.89 0.00	29.16 -0.99 0.00	31.96 -0.70 0.00	40.18 -0.86 0.00	48.91 -1.62 0.00	39.14 -1.13 0.00	48.06 -1.21 0.00	42.20 -1.12 0.00	35.02 -0.93 0.00	31.21 -0.88 0.00

ROCHESRG_115KV_T4 355643	31.71 -1.40 0.00	30.55 -1.44 0.00	35.92 -1.69 0.00	33.17 -1.63 0.00	33.63 -1.48 0.00	33.41 -1.41 0.00	36.31 -1.47 0.00	33.55 -1.54 0.06	27.72 -1.25 1.20	24.22 -1.09 1.46	29.87 -1.07 1.30	30.19 -1.12 1.37	28.20 -1.05 1.38	32.62 -0.97 1.43	28.39 -0.73 1.19	28.53 -0.74 0.88	31.20 -0.94 0.52	37.73 -1.26 2.05	46.74 -1.46 2.33	38.45 -1.19 0.62	48.23 -1.04 0.00	42.28 -1.04 0.00	34.95 -0.92 0.07	30.91 -1.04 0.15
ROCHESTER_9_IC 23652	31.86 -1.26 0.00	30.68 -1.31 0.00	36.07 -1.54 0.00	33.31 -1.49 0.00	33.77 -1.34 0.00	33.57 -1.26 0.00	36.49 -1.29 0.00	33.77 -1.38 0.00	29.05 -1.13 0.00	25.78 -0.98 0.00	31.32 -0.91 0.00	31.70 -0.98 0.00	29.72 -0.90 0.00	34.23 -0.80 0.00	29.75 -0.57 0.00	29.58 -0.58 0.00	31.92 -0.75 0.00	40.03 -1.02 -0.01	49.39 -1.14 0.00	39.33 -0.94 0.00	48.54 -0.73 0.00	42.54 -0.78 0.00	35.24 -0.71 0.00	31.22 -0.87 0.00
ROCKVIEW_13_KV_LD 356306	35.02 1.91 0.00	33.88 1.88 0.00	39.74 2.13 0.00	36.80 2.00 0.00	37.04 1.93 0.00	36.87 2.04 0.00	40.11 2.33 0.00	37.54 2.39 0.00	32.43 2.25 0.00	28.84 2.09 0.00	34.80 2.56 0.00	35.35 2.67 0.00	33.02 2.39 0.00	37.50 2.47 0.00	32.48 2.16 0.00	32.36 2.21 0.00	35.12 2.46 0.00	44.17 3.13 0.00	54.35 3.82 0.00	43.32 3.05 0.00	52.76 3.49 0.00	46.35 3.03 0.00	38.36 2.41 0.00	34.26 2.16 0.00
ROME____115KV_TB2 80656	33.73 0.62 0.00	32.60 0.61 0.00	38.32 0.71 0.00	35.39 0.59 0.00	35.79 0.68 0.00	35.67 0.84 0.00	38.80 1.02 0.00	36.13 0.98 0.00	30.87 0.69 0.00	27.19 0.43 0.00	32.88 0.65 0.00	33.36 0.69 0.00	30.91 0.29 0.00	35.22 0.18 0.00	30.61 0.29 0.00	30.61 0.45 0.00	33.26 0.59 0.00	42.24 1.20 0.00	52.34 1.81 0.00	41.66 1.39 0.00	50.94 1.67 0.00	44.63 1.31 0.00	36.92 0.98 0.00	32.83 0.74 0.00
ROSETON___1 23587	34.44 1.33 0.00	33.33 1.34 0.00	39.13 1.52 0.00	36.22 1.42 0.00	36.46 1.35 0.00	36.25 1.42 0.00	39.40 1.62 0.00	36.83 1.68 0.00	31.79 1.61 0.00	28.27 1.52 0.00	34.08 1.84 0.00	34.61 1.93 0.00	32.35 1.73 0.00	36.79 1.76 0.00	31.86 1.54 0.00	31.76 1.61 0.00	34.45 1.78 0.00	43.32 2.27 0.00	53.32 2.79 0.00	42.49 2.22 0.00	51.73 2.46 0.00	45.46 2.14 0.00	37.65 1.70 0.00	33.64 1.55 0.00
ROSETON___2 23588	34.44 1.33 0.00	33.33 1.34 0.00	39.13 1.52 0.00	36.22 1.42 0.00	36.46 1.35 0.00	36.25 1.42 0.00	39.40 1.62 0.00	36.83 1.68 0.00	31.79 1.61 0.00	28.27 1.52 0.00	34.08 1.84 0.00	34.61 1.93 0.00	32.35 1.73 0.00	36.79 1.76 0.00	31.86 1.54 0.00	31.76 1.61 0.00	34.45 1.78 0.00	43.32 2.27 0.00	53.32 2.79 0.00	42.49 2.22 0.00	51.73 2.46 0.00	45.46 2.14 0.00	37.65 1.70 0.00	33.64 1.55 0.00
ROTRRDAM_115KV_TB3 80664	33.95 0.84 0.00	32.82 0.84 0.00	38.60 0.99 0.00	35.69 0.90 0.00	35.97 0.86 0.00	35.70 0.87 0.00	38.74 0.96 0.00	36.04 0.88 0.00	30.89 0.71 0.00	27.39 0.63 0.00	32.95 0.71 0.00	33.46 0.78 0.00	31.39 0.76 0.00	35.88 0.85 0.00	31.06 0.74 0.00	31.02 0.87 0.00	33.53 0.86 0.00	42.23 1.19 0.00	52.09 1.56 0.00	41.54 1.27 0.00	50.74 1.47 0.00	44.60 1.28 0.00	36.97 1.03 0.00	33.01 0.92 0.00
RUSSELL___1 23602	31.99 -1.12 0.00	30.80 -1.19 0.00	36.22 -1.40 0.00	33.43 -1.37 0.00	33.90 -1.20 0.00	33.70 -1.12 0.00	36.66 -1.12 0.00	33.90 -1.25 0.00	29.16 -1.02 0.00	25.87 -0.89 0.00	31.46 -0.78 0.00	31.86 -0.82 0.00	29.86 -0.77 0.00	34.41 -0.63 0.00	29.90 -0.42 0.00	29.74 -0.41 0.00	32.10 -0.57 0.00	40.28 -0.77 -0.01	49.70 -0.82 0.00	39.58 -0.70 0.00	48.84 -0.43 0.00	42.80 -0.52 0.00	35.43 -0.52 0.00	31.39 -0.71 0.00
RUSSELL___2 23532	31.99 -1.12 0.00	30.80 -1.19 0.00	36.22 -1.40 0.00	33.43 -1.37 0.00	33.90 -1.20 0.00	33.70 -1.12 0.00	36.66 -1.12 0.00	33.90 -1.25 0.00	29.16 -1.02 0.00	25.87 -0.89 0.00	31.46 -0.78 0.00	31.86 -0.82 0.00	29.86 -0.77 0.00	34.41 -0.63 0.00	29.90 -0.42 0.00	29.74 -0.41 0.00	32.10 -0.57 0.00	40.28 -0.77 -0.01	49.70 -0.82 0.00	39.58 -0.70 0.00	48.84 -0.43 0.00	42.80 -0.52 0.00	35.43 -0.52 0.00	31.39 -0.71 0.00
RUSSELL___3 23549	31.99 -1.12 0.00	30.80 -1.19 0.00	36.22 -1.40 0.00	33.43 -1.37 0.00	33.90 -1.20 0.00	33.70 -1.12 0.00	36.66 -1.12 0.00	33.90 -1.25 0.00	29.16 -1.02 0.00	25.87 -0.89 0.00	31.46 -0.78 0.00	31.86 -0.82 0.00	29.86 -0.77 0.00	34.41 -0.63 0.00	29.90 -0.42 0.00	29.74 -0.41 0.00	32.10 -0.57 0.00	40.28 -0.77 -0.01	49.70 -0.82 0.00	39.58 -0.70 0.00	48.84 -0.43 0.00	42.80 -0.52 0.00	35.43 -0.52 0.00	31.39 -0.71 0.00
RUSSELL___4 23556	31.99 -1.12 0.00	30.80 -1.19 0.00	36.22 -1.40 0.00	33.43 -1.37 0.00	33.90 -1.20 0.00	33.70 -1.12 0.00	36.66 -1.12 0.00	33.90 -1.25 0.00	29.16 -1.02 0.00	25.87 -0.89 0.00	31.46 -0.78 0.00	31.86 -0.82 0.00	29.86 -0.77 0.00	34.41 -0.63 0.00	29.90 -0.42 0.00	29.74 -0.41 0.00	32.10 -0.57 0.00	40.28 -0.77 -0.01	49.70 -0.82 0.00	39.58 -0.70 0.00	48.84 -0.43 0.00	42.80 -0.52 0.00	35.43 -0.52 0.00	31.39 -0.71 0.00
RUSSELL___STATION 23914	31.99 -1.12 0.00	30.80 -1.19 0.00	36.22 -1.40 0.00	33.43 -1.37 0.00	33.90 -1.20 0.00	33.70 -1.12 0.00	36.66 -1.12 0.00	33.90 -1.25 0.00	29.16 -1.02 0.00	25.87 -0.89 0.00	31.46 -0.78 0.00	31.86 -0.82 0.00	29.86 -0.77 0.00	34.41 -0.63 0.00	29.90 -0.42 0.00	29.74 -0.41 0.00	32.10 -0.57 0.00	40.28 -0.77 -0.01	49.70 -0.82 0.00	39.58 -0.70 0.00	48.84 -0.43 0.00	42.80 -0.52 0.00	35.43 -0.52 0.00	31.39 -0.71 0.00
S SALMON___HYD 24043	32.17 -0.94 0.00	31.06 -0.93 0.00	36.54 -1.07 0.00	33.71 -1.09 0.00	34.10 -1.01 0.00	33.94 -0.88 0.00	36.79 -0.99 0.00	34.17 -0.98 0.00	29.41 -0.76 0.00	26.03 -0.72 0.00	31.40 -0.84 0.00	31.43 -1.25 0.00	29.33 -1.29 0.00	33.52 -1.51 0.00	29.01 -1.31 0.00	28.97 -1.18 0.00	31.32 -1.34 0.00	39.67 -1.37 0.00	49.26 -1.27 0.00	39.26 -1.01 0.00	48.09 -1.18 0.00	42.21 -1.11 0.00	34.95 -1.00 0.00	31.16 -0.94 0.00
S.PERRY__115KV_TB1 80734	32.21 -0.90 0.00	31.00 -0.99 0.00	36.57 -1.04 0.00	33.77 -1.03 0.00	34.36 -0.75 0.00	34.31 -0.52 0.00	37.47 -0.31 0.00	35.55 -1.05 -1.45	58.69 -1.59 -30.11	61.11 -2.05 -36.40	62.31 -2.37 -32.44	62.87 -2.20 -32.40	60.81 -1.87 -32.06	67.29 -0.99 -33.25	57.30 -0.77 -27.76	50.05 -0.68 -20.57	44.06 -0.80 -12.19	88.22 -0.53 -47.71	104.14 -0.29 -53.91	54.43 -0.24 -14.40	49.47 0.20 0.00	43.27 -0.06 0.00	37.69 -0.11 -1.85	35.31 -0.42 -3.63
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.70 -2.41 0.00	29.48 -2.51 0.00	34.73 -2.89 0.00	31.98 -2.82 0.00	32.55 -2.55 0.00	32.34 -2.49 0.00	35.11 -2.67 0.00	31.95 -2.74 0.46	17.79 -1.81 10.57	12.40 -1.57 12.79	19.30 -1.53 11.40	19.23 -1.77 11.68	17.35 -1.67 11.61	21.56 -1.73 11.74	19.48 -1.34 9.50	21.66 -1.42 7.08	26.47 -2.00 4.20	23.09 -2.73 15.22	29.91 -3.14 17.47	32.91 -2.61 4.76	46.77 -2.50 0.00	41.03 -2.29 0.00	33.48 -1.88 0.59	28.85 -2.09 1.16

SAWYER___23_KV_LOAD 55526	30.70 -2.41 0.00	29.48 -2.51 0.00	34.73 -2.89 0.00	31.98 -2.82 0.00	32.55 -2.55 0.00	32.34 -2.49 0.00	35.11 -2.67 0.00	31.95 -2.74 0.46	17.79 -1.81 10.57	12.40 -1.57 12.79	19.30 -1.53 11.40	19.23 -1.77 11.68	17.35 -1.67 11.61	21.56 -1.73 11.74	19.48 -1.34 9.50	21.66 -1.42 7.08	26.47 -2.00 4.20	23.09 -2.73 15.22	29.91 -3.14 17.47	32.91 -2.61 4.76	46.77 -2.50 0.00	41.03 -2.29 0.00	33.48 -1.88 0.59	28.85 -2.09 1.16
SELKIRK___I 23801	33.85 0.74 0.00	32.76 0.77 0.00	38.50 0.89 0.00	35.67 0.87 0.00	35.93 0.82 0.00	35.64 0.81 0.00	38.63 0.85 0.00	35.88 0.73 0.00	30.79 0.61 0.00	27.16 0.40 0.00	32.59 0.36 0.00	33.16 0.48 0.00	31.07 0.45 0.00	35.62 0.59 0.00	31.02 0.70 0.00	30.93 0.78 0.00	33.27 0.61 0.00	42.14 1.10 0.00	51.90 1.37 0.00	41.34 1.07 0.00	50.41 1.14 0.00	44.36 1.04 0.00	36.82 0.87 0.00	32.92 0.83 0.00
SELKIRK___II 23799	33.74 0.63 0.00	32.64 0.65 0.00	38.36 0.74 0.00	35.52 0.73 0.00	35.77 0.66 0.00	35.48 0.65 0.00	38.46 0.68 0.00	35.78 0.63 0.00	30.74 0.56 0.00	27.28 0.52 0.00	32.80 0.57 0.00	33.32 0.64 0.00	31.23 0.61 0.00	35.66 0.63 0.00	30.95 0.63 0.00	30.86 0.71 0.00	33.32 0.66 0.00	42.07 1.03 0.00	51.76 1.23 0.00	41.24 0.97 0.00	50.27 1.00 0.00	44.23 0.91 0.00	36.70 0.75 0.00	32.82 0.72 0.00
SENECA OSWGO___HYD 24041	32.29 -0.82 0.00	31.20 -0.79 0.00	36.69 -0.92 0.00	33.92 -0.87 0.00	34.23 -0.88 0.00	33.98 -0.84 0.00	36.88 -0.90 0.00	34.26 -0.90 0.00	29.44 -0.74 0.00	26.13 -0.62 0.00	31.50 -0.74 0.00	31.75 -0.93 0.00	29.83 -0.79 0.00	34.16 -0.87 0.00	29.62 -0.70 0.00	29.47 -0.68 0.00	31.91 -0.76 0.00	40.06 -0.98 0.00	49.46 -1.07 0.00	39.37 -0.89 0.00	48.19 -1.09 0.00	42.31 -1.01 0.00	35.07 -0.88 0.00	31.34 -0.76 0.00
SENECA___115KV_TB3 355854	31.12 -1.99 0.00	29.89 -2.10 0.00	35.23 -2.39 0.00	32.43 -2.37 0.00	32.99 -2.12 0.00	32.79 -2.04 0.00	35.66 -2.12 0.00	32.44 -2.22 0.50	18.23 -1.50 10.45	12.78 -1.31 12.67	19.71 -1.23 11.29	19.57 -1.51 11.59	17.62 -1.44 11.57	21.73 -1.46 11.85	19.35 -1.09 9.88	21.67 -1.16 7.33	26.37 -1.61 4.68	21.71 -2.10 17.23	29.22 -2.50 18.81	33.13 -2.19 4.94	47.29 -1.99 0.00	41.45 -1.88 0.00	33.80 -1.53 0.61	29.16 -1.73 1.21
SENECA___ENERGY 23797	32.45 -0.66 0.00	31.29 -0.71 0.00	36.87 -0.74 0.00	34.08 -0.72 0.00	34.46 -0.65 0.00	34.25 -0.57 0.00	37.31 -0.47 0.00	34.71 -0.54 -0.10	31.74 -0.50 -2.06	28.79 -0.45 -2.49	33.87 -0.57 -2.21	34.30 -0.57 -2.20	32.37 -0.43 -2.17	36.84 -0.45 -2.25	31.78 -0.43 -1.89	31.14 -0.42 -1.40	33.10 -0.40 -0.83	43.73 -0.56 -3.25	53.65 -0.55 -3.67	40.79 -0.45 -0.98	48.96 -0.31 0.00	42.92 -0.40 0.00	35.65 -0.42 -0.13	31.95 -0.39 -0.25
SHOEMAKER___GT 23640	34.23 1.12 0.00	33.12 1.13 0.00	38.91 1.29 0.00	36.01 1.21 0.00	36.24 1.13 0.00	36.03 1.21 0.00	39.14 1.36 0.00	36.55 1.40 0.00	31.53 1.35 0.00	28.02 1.26 0.00	33.75 1.51 0.00	34.28 1.60 0.00	32.02 1.39 0.00	36.46 1.43 0.00	31.55 1.24 0.00	31.57 1.41 0.00	34.16 1.50 0.00	42.91 1.87 0.00	52.90 2.38 0.00	42.20 1.94 0.00	51.43 2.15 0.00	45.18 1.85 0.00	37.41 1.46 0.00	33.43 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	34.22 1.11 0.00	33.12 1.12 0.00	38.89 1.28 0.00	35.99 1.20 0.00	36.23 1.12 0.00	36.01 1.19 0.00	39.12 1.34 0.00	36.55 1.40 0.00	31.54 1.36 0.00	28.03 1.28 0.00	33.76 1.52 0.00	34.29 1.61 0.00	32.04 1.41 0.00	36.48 1.45 0.00	31.57 1.25 0.00	31.55 1.40 0.00	34.17 1.51 0.00	42.93 1.89 0.00	52.91 2.38 0.00	42.18 1.92 0.00	51.39 2.11 0.00	45.16 1.84 0.00	37.39 1.44 0.00	33.41 1.31 0.00
SHOREHAM_IC_1 23715	33.67 1.09 0.53	33.01 1.01 0.00	38.53 0.92 0.00	36.17 1.37 0.00	36.58 1.47 0.00	37.00 2.17 0.00	39.96 2.18 0.00	36.98 2.45 0.62	31.04 2.02 1.16	27.23 1.58 1.10	33.45 2.60 1.38	32.73 2.93 2.88	29.77 2.45 3.30	34.40 2.31 2.94	30.45 1.77 1.64	30.45 1.51 1.21	32.22 1.89 2.33	42.51 2.49 1.03	53.73 3.27 0.07	42.22 2.32 0.36	51.99 2.71 0.00	45.64 2.55 0.23	37.16 1.75 0.54	33.16 1.73 0.67
SHOREHAM_IC_2 23716	33.67 1.09 0.53	33.01 1.01 0.00	38.53 0.92 0.00	36.17 1.37 0.00	36.58 1.47 0.00	37.00 2.17 0.00	39.96 2.18 0.00	36.98 2.45 0.62	31.04 2.02 1.16	27.23 1.58 1.10	33.45 2.60 1.38	32.73 2.93 2.88	29.77 2.45 3.30	34.40 2.31 2.94	30.45 1.77 1.64	30.45 1.51 1.21	32.22 1.89 2.33	42.51 2.49 1.03	53.73 3.27 0.07	42.22 2.32 0.36	51.99 2.71 0.00	45.64 2.55 0.23	37.16 1.75 0.54	33.16 1.73 0.67
SISSONVILLE____ 23735	32.70 -0.41 0.00	31.47 -0.52 0.00	36.95 -0.66 0.00	34.13 -0.67 0.00	34.57 -0.53 0.00	34.38 -0.44 0.00	37.18 -0.60 0.00	34.47 -0.68 0.00	29.28 -0.90 0.00	25.92 -0.84 0.00	31.27 -0.97 0.00	31.68 -1.00 0.00	29.53 -1.10 0.00	33.85 -1.18 0.00	29.11 -1.21 0.00	32.89 -1.36 -4.09	32.86 -1.28 -1.47	39.53 -1.51 0.00	48.93 -1.59 0.00	40.03 -1.12 -0.89	48.13 -1.14 0.00	42.21 -1.11 0.00	35.23 -0.71 0.00	31.28 -0.81 0.00
SITHE_IND_GS1 24169	32.12 -0.99 0.00	31.03 -0.96 0.00	36.49 -1.12 0.00	33.75 -1.05 0.00	34.05 -1.05 0.00	33.78 -1.05 0.00	36.60 -1.18 0.00	34.00 -1.15 0.00	29.20 -0.98 0.00	25.91 -0.85 0.00	31.20 -1.04 0.00	31.60 -1.08 0.00	29.65 -0.98 0.00	33.92 -1.11 0.00	29.38 -0.94 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.66 -1.39 0.00	48.86 -1.67 0.00	38.93 -1.34 0.00	47.67 -1.60 0.00	41.88 -1.44 0.00	34.75 -1.20 0.00	31.09 -1.01 0.00
SITHE_IND_GS2 24170	32.12 -0.99 0.00	31.03 -0.96 0.00	36.49 -1.12 0.00	33.75 -1.05 0.00	34.05 -1.05 0.00	33.78 -1.05 0.00	36.60 -1.18 0.00	34.00 -1.15 0.00	29.20 -0.98 0.00	25.91 -0.85 0.00	31.20 -1.04 0.00	31.60 -1.08 0.00	29.65 -0.98 0.00	33.92 -1.11 0.00	29.38 -0.94 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.66 -1.39 0.00	48.86 -1.67 0.00	38.93 -1.34 0.00	47.67 -1.60 0.00	41.88 -1.44 0.00	34.75 -1.20 0.00	31.09 -1.01 0.00
SITHE_IND_GS3 24171	32.12 -0.99 0.00	31.03 -0.96 0.00	36.49 -1.12 0.00	33.75 -1.05 0.00	34.05 -1.05 0.00	33.78 -1.05 0.00	36.60 -1.18 0.00	34.00 -1.15 0.00	29.20 -0.98 0.00	25.91 -0.85 0.00	31.20 -1.04 0.00	31.60 -1.08 0.00	29.65 -0.98 0.00	33.92 -1.11 0.00	29.38 -0.94 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.66 -1.39 0.00	48.86 -1.67 0.00	38.93 -1.34 0.00	47.67 -1.60 0.00	41.88 -1.44 0.00	34.75 -1.20 0.00	31.09 -1.01 0.00
SITHE_IND_GS4 24172	32.12 -0.99 0.00	31.03 -0.96 0.00	36.49 -1.12 0.00	33.75 -1.05 0.00	34.05 -1.05 0.00	33.78 -1.05 0.00	36.60 -1.18 0.00	34.00 -1.15 0.00	29.20 -0.98 0.00	25.91 -0.85 0.00	31.20 -1.04 0.00	31.60 -1.08 0.00	29.65 -0.98 0.00	33.92 -1.11 0.00	29.38 -0.94 0.00	29.22 -0.93 0.00	31.61 -1.05 0.00	39.66 -1.39 0.00	48.86 -1.67 0.00	38.93 -1.34 0.00	47.67 -1.60 0.00	41.88 -1.44 0.00	34.75 -1.20 0.00	31.09 -1.01 0.00

SITHE___BATAVIA 24024	31.53 -1.58 0.00	30.33 -1.66 0.00	35.68 -1.94 0.00	32.92 -1.88 0.00	33.49 -1.62 0.00	33.34 -1.48 0.00	36.27 -1.51 0.00	33.30 -1.61 0.24	23.88 -1.17 5.13	19.41 -1.10 6.25	25.47 -1.20 5.57	25.65 -1.33 5.70	23.67 -1.25 5.69	28.00 -1.15 5.89	24.68 -0.73 4.91	25.89 -0.62 3.64	29.66 -0.84 2.16	31.78 -0.89 8.37	39.97 -1.07 9.48	36.80 -0.96 2.51	48.56 -0.71 0.00	42.56 -0.77 0.00	34.94 -0.69 0.31	30.47 -1.01 0.62
SITHE___INDEPEND 23800	32.12 -0.99 0.00	31.03 -0.96 0.00	36.49 -1.13 0.00	33.75 -1.05 0.00	34.05 -1.05 0.00	33.78 -1.05 0.00	36.60 -1.18 0.00	34.00 -1.16 0.00	29.20 -0.98 0.00	25.90 -0.85 0.00	31.20 -1.04 0.00	31.60 -1.07 0.00	29.65 -0.97 0.00	33.92 -1.11 0.00	29.38 -0.94 0.00	29.23 -0.93 0.00	31.61 -1.05 0.00	39.65 -1.40 0.00	48.85 -1.68 0.00	38.93 -1.34 0.00	47.66 -1.61 0.00	41.87 -1.45 0.00	34.75 -1.20 0.00	31.09 -1.01 0.00
SITHE___MASSENA 23902	33.49 0.38 0.00	32.25 0.26 0.00	37.89 0.28 0.00	35.00 0.21 0.00	35.42 0.32 0.00	35.15 0.32 0.00	38.03 0.25 0.00	35.29 0.14 0.00	30.08 -0.09 0.00	26.66 -0.10 0.00	32.19 -0.05 0.00	32.62 -0.05 0.00	30.52 -0.11 0.00	35.04 0.01 0.00	30.18 -0.14 0.00	30.80 -0.32 -0.96	32.80 -0.21 -0.35	40.76 -0.28 0.00	50.20 -0.33 0.00	40.31 -0.17 -0.21	49.26 -0.01 0.00	43.27 -0.06 0.00	36.10 0.15 0.00	32.10 0.01 0.00
SITHE___OGDNSBRG 24021	33.76 0.66 0.00	32.51 0.52 0.00	38.17 0.56 0.00	35.24 0.45 0.00	35.70 0.60 0.00	35.50 0.67 0.00	38.48 0.71 0.00	35.57 0.42 0.00	30.03 -0.14 0.00	26.73 -0.02 0.00	32.32 0.09 0.00	32.81 0.13 0.00	30.45 -0.17 0.00	34.86 -0.17 0.00	29.97 -0.35 0.00	32.61 -0.42 -2.87	33.33 -0.36 -1.03	40.57 -0.47 0.00	50.51 -0.02 0.00	41.15 0.26 -0.62	49.88 0.60 0.00	43.72 0.40 0.00	36.47 0.53 0.00	32.36 0.27 0.00
SITHE___STERLING 23777	33.52 0.41 0.00	32.40 0.42 0.00	38.11 0.49 0.00	35.22 0.43 0.00	35.59 0.49 0.00	35.39 0.57 0.00	38.52 0.74 0.00	35.86 0.71 0.00	30.65 0.47 0.00	27.03 0.27 0.00	32.67 0.43 0.00	33.15 0.47 0.00	30.83 0.20 0.00	35.22 0.18 0.00	30.58 0.26 0.00	30.57 0.41 0.00	33.14 0.47 0.00	41.92 0.88 0.00	51.90 1.38 0.00	41.29 1.02 0.00	50.50 1.23 0.00	44.29 0.96 0.00	36.66 0.71 0.00	32.64 0.55 0.00
SLEIGHT__34_KV_TB1 80719	32.09 -1.03 0.00	30.91 -1.08 0.00	36.36 -1.25 0.00	33.61 -1.19 0.00	34.03 -1.08 0.00	33.83 -1.00 0.00	36.81 -0.97 0.00	34.08 -1.07 0.00	29.24 -0.94 0.00	25.94 -0.82 0.00	31.33 -0.91 0.00	31.72 -0.96 0.00	29.78 -0.85 0.00	34.22 -0.82 0.00	29.69 -0.63 0.00	29.49 -0.66 0.00	32.00 -0.67 0.00	40.21 -0.83 0.00	49.64 -0.88 0.00	39.56 -0.71 0.00	48.67 -0.60 0.00	42.64 -0.69 0.00	35.26 -0.69 0.00	31.37 -0.73 0.00
SOUTH CAIRO___GT 23612	34.56 1.45 0.00	33.41 1.42 0.00	39.23 1.62 0.00	36.34 1.54 0.00	36.62 1.51 0.00	36.39 1.57 0.00	39.56 1.78 0.00	36.76 1.61 0.00	31.51 1.33 0.00	27.87 1.11 0.00	33.03 0.80 0.00	33.65 0.97 0.00	31.61 0.99 0.00	36.42 1.39 0.00	31.59 1.27 0.00	31.61 1.46 0.00	33.62 0.96 0.00	42.95 1.90 0.00	53.06 2.53 0.00	42.57 2.31 0.00	52.00 2.73 0.00	45.65 2.33 0.00	37.81 1.86 0.00	33.73 1.64 0.00
SOUTH HAMPTN___IC 23720	33.62 1.05 0.53	33.00 1.01 0.00	38.59 0.98 0.00	36.41 1.61 0.00	36.73 1.62 0.00	37.42 2.59 0.00	40.48 2.69 0.00	37.18 2.65 0.62	31.00 1.98 1.16	27.24 1.59 1.10	33.56 2.71 1.39	32.97 3.19 2.90	29.91 2.61 3.32	34.38 2.30 2.96	30.49 1.82 1.65	30.35 1.50 1.31	32.16 1.85 2.35	42.43 2.42 1.04	53.68 3.23 0.07	42.26 2.36 0.36	52.28 3.01 0.00	45.95 2.86 0.23	37.28 1.87 0.54	33.11 1.68 0.67
SOUTHDOW_115KV_TB1 355954	32.59 -0.52 0.00	31.24 -0.76 0.00	36.97 -0.65 0.00	33.85 -0.94 0.00	34.28 -0.83 0.00	34.14 -0.68 0.00	37.24 -0.54 0.00	34.35 -0.55 0.25	24.75 -0.02 5.40	20.02 -0.18 6.56	26.65 0.26 5.85	25.77 -0.61 6.30	23.46 -0.77 6.40	27.71 -0.81 6.51	24.52 -0.38 5.43	25.65 -0.49 4.01	35.00 -0.95 -3.29	34.22 -1.15 5.67	39.23 -1.07 10.23	36.30 -1.30 2.66	48.94 -0.33 0.00	42.64 -0.68 0.00	35.18 -0.46 0.31	30.88 -0.61 0.61
SOUTHOLD_69_KV_BK 2 55809	33.26 0.69 0.53	32.71 0.72 0.00	38.29 0.67 0.00	36.41 1.61 0.00	36.64 1.53 0.00	37.68 2.86 0.00	40.80 3.02 0.00	37.15 2.62 0.62	30.71 1.68 1.16	26.99 1.34 1.10	33.37 2.53 1.39	32.92 3.13 2.90	29.80 2.50 3.32	34.00 1.93 2.96	30.22 1.55 1.65	30.01 1.17 1.31	31.80 1.48 2.35	41.95 1.94 1.04	53.15 2.70 0.07	41.88 1.97 0.36	52.10 2.83 0.00	45.93 2.84 0.23	37.09 1.69 0.54	32.73 1.30 0.67
SOUTHOLD___IC 23719	33.27 0.69 0.53	32.70 0.71 0.00	38.29 0.67 0.00	36.41 1.61 0.00	36.64 1.53 0.00	37.68 2.85 0.00	40.80 3.02 0.00	37.15 2.62 0.62	30.70 1.68 1.16	26.97 1.32 1.10	33.35 2.51 1.39	32.93 3.15 2.90	29.80 2.50 3.32	34.00 1.93 2.96	30.21 1.54 1.65	30.01 1.17 1.31	31.77 1.46 2.35	41.94 1.93 1.04	53.15 2.70 0.07	41.88 1.98 0.36	52.10 2.83 0.00	45.88 2.79 0.23	37.04 1.63 0.54	32.73 1.30 0.67
SOUTH_FORK_WT_PWR 323839	32.73 0.15 0.53	32.23 0.24 0.00	37.78 0.16 0.00	36.18 1.38 0.00	36.32 1.21 0.00	37.66 2.83 0.00	40.79 3.01 0.00	36.85 2.32 0.62	30.17 1.15 1.16	26.50 0.85 1.10	32.87 2.03 1.39	32.59 2.81 2.90	29.42 2.11 3.32	33.37 1.30 2.96	29.74 1.07 1.65	29.49 0.64 1.31	31.17 0.86 2.35	41.19 1.19 1.04	52.25 1.79 0.07	41.16 1.26 0.36	51.48 2.21 0.00	45.42 2.33 0.23	36.54 1.14 0.54	32.15 0.72 0.67
SPIERFLS_115KV_TB 1 80737	35.07 1.96 0.00	33.76 1.77 0.00	39.68 2.07 0.00	36.30 1.51 0.00	36.69 1.58 0.00	36.54 1.71 0.00	40.04 2.26 0.00	37.45 2.30 0.00	31.98 1.80 0.00	27.83 1.08 0.00	33.34 1.10 0.00	33.93 1.25 0.00	31.83 1.20 0.00	36.49 1.46 0.00	31.62 1.30 0.00	31.53 1.37 0.00	34.24 1.58 0.00	43.40 2.36 0.00	53.51 2.98 0.00	42.67 2.40 0.00	52.09 2.82 0.00	45.64 2.32 0.00	37.79 1.84 0.00	33.66 1.57 0.00
ST LAWRENCE____ 23600	33.14 0.03 0.00	31.93 -0.06 0.00	37.51 -0.11 0.00	34.66 -0.13 0.00	35.06 -0.05 0.00	34.77 -0.06 0.00	37.64 -0.14 0.00	34.94 -0.21 0.00	29.83 -0.34 0.00	26.42 -0.34 0.00	31.89 -0.35 0.00	32.32 -0.36 0.00	30.26 -0.36 0.00	34.76 -0.28 0.00	29.97 -0.35 0.00	29.63 -0.53 0.00	32.22 -0.45 0.00	40.44 -0.60 0.00	49.73 -0.80 0.00	39.69 -0.58 0.00	48.79 -0.48 0.00	42.97 -0.36 0.00	35.72 -0.23 0.00	31.79 -0.30 0.00
STATE_CA_115KV_115_LB 55624	33.86 0.75 0.00	32.75 0.76 0.00	38.45 0.83 0.00	35.60 0.80 0.00	35.85 0.74 0.00	35.57 0.74 0.00	38.52 0.74 0.00	35.78 0.63 0.00	30.62 0.45 0.00	27.18 0.43 0.00	32.77 0.53 0.00	33.33 0.65 0.00	31.28 0.65 0.00	35.73 0.69 0.00	31.00 0.68 0.00	30.95 0.80 0.00	33.42 0.76 0.00	42.28 1.24 0.00	52.05 1.52 0.00	41.44 1.17 0.00	50.50 1.23 0.00	44.42 1.10 0.00	36.85 0.91 0.00	32.95 0.86 0.00

STATE_ST_34_KV_LOAD 55959	33.04 -0.07 0.00	31.78 -0.21 0.00	37.47 -0.14 0.00	34.68 -0.11 0.00	35.02 -0.09 0.00	34.78 -0.04 0.00	37.85 0.07 0.00	35.01 -0.14 0.00	29.96 -0.22 0.00	26.52 -0.23 0.00	32.02 -0.21 0.00	32.32 -0.36 0.00	30.41 -0.21 0.00	34.87 -0.16 0.00	30.14 -0.18 0.00	29.98 -0.17 0.00	32.62 -0.04 0.00	41.05 0.00 0.00	50.75 0.23 0.00	40.42 0.16 0.00	49.56 0.28 0.00	43.46 0.14 0.00	35.89 -0.06 0.00	32.12 0.02 0.00
STATION 5_MISC_HYD 23604	31.83 -1.29 0.00	30.68 -1.31 0.00	36.08 -1.53 0.00	33.32 -1.48 0.00	33.77 -1.34 0.00	33.56 -1.26 0.00	36.48 -1.30 0.00	33.77 -1.38 0.00	29.10 -1.08 0.00	25.85 -0.90 0.00	31.35 -0.89 0.00	31.71 -0.97 0.00	29.72 -0.91 0.00	34.26 -0.78 0.00	29.77 -0.55 0.00	29.60 -0.56 0.00	31.93 -0.73 0.00	40.09 -0.96 -0.01	49.43 -1.10 0.00	39.35 -0.91 0.00	48.54 -0.73 0.00	42.55 -0.77 0.00	35.23 -0.71 0.00	31.23 -0.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.25 -0.86 0.00	31.08 -0.91 0.00	36.59 -1.03 0.00	33.79 -1.00 0.00	34.23 -0.88 0.00	34.03 -0.80 0.00	37.07 -0.71 0.00	34.35 -0.80 0.00	29.47 -0.70 0.00	26.10 -0.65 0.00	31.58 -0.66 0.00	31.97 -0.71 0.00	29.99 -0.63 0.00	34.45 -0.58 0.00	29.86 -0.46 0.00	29.71 -0.45 0.00	32.18 -0.48 0.00	40.36 -0.68 0.00	49.82 -0.71 0.00	39.72 -0.55 0.00	48.92 -0.36 0.00	42.84 -0.48 0.00	35.47 -0.47 0.00	31.54 -0.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.74 -1.37 0.00	30.57 -1.42 0.00	35.96 -1.66 0.00	33.20 -1.60 0.00	33.65 -1.46 0.00	33.45 -1.38 0.00	36.37 -1.41 0.00	33.67 -1.48 0.00	28.96 -1.22 0.00	25.71 -1.05 0.00	31.19 -1.04 0.00	31.58 -1.09 0.00	29.60 -1.02 0.00	34.09 -0.94 0.00	29.61 -0.71 0.00	29.45 -0.71 0.00	31.78 -0.88 0.00	39.88 -1.17 0.00	49.17 -1.36 0.00	39.17 -1.10 0.00	48.32 -0.95 0.00	42.34 -0.98 0.00	35.07 -0.88 0.00	31.10 -1.00 0.00
STA_56___34_KV_BUS2 355983	31.74 -1.37 0.00	30.57 -1.42 0.00	35.96 -1.66 0.00	33.20 -1.60 0.00	33.65 -1.46 0.00	33.45 -1.38 0.00	36.37 -1.41 0.00	33.67 -1.48 0.00	28.96 -1.22 0.00	25.71 -1.05 0.00	31.19 -1.04 0.00	31.58 -1.09 0.00	29.60 -1.02 0.00	34.09 -0.94 0.00	29.61 -0.71 0.00	29.45 -0.71 0.00	31.78 -0.88 0.00	39.88 -1.17 0.00	49.17 -1.36 0.00	39.17 -1.10 0.00	48.32 -0.95 0.00	42.34 -0.98 0.00	35.07 -0.88 0.00	31.10 -1.00 0.00
STA_67___115KV_BK2 355882	31.79 -1.32 0.00	30.62 -1.37 0.00	36.02 -1.60 0.00	33.24 -1.55 0.00	33.71 -1.40 0.00	33.50 -1.33 0.00	36.41 -1.37 0.00	33.71 -1.44 0.00	29.00 -1.18 0.00	25.74 -1.02 0.00	31.25 -0.99 0.00	31.64 -1.04 0.00	29.66 -0.97 0.00	34.16 -0.88 0.00	29.68 -0.64 0.00	29.50 -0.65 0.00	31.83 -0.83 0.00	39.93 -1.12 -0.01	49.25 -1.28 0.00	39.22 -1.22 0.00	48.40 -0.87 0.00	42.44 -0.89 0.00	35.15 -0.80 0.00	31.16 -0.94 0.00
STA_7___115KV_9TRANS 80674	31.99 -1.12 0.00	30.80 -1.19 0.00	36.22 -1.40 0.00	33.43 -1.37 0.00	33.90 -1.20 0.00	33.70 -1.12 0.00	36.66 -1.12 0.00	33.90 -1.25 0.00	29.16 -1.02 0.00	25.87 -0.89 0.00	31.46 -0.78 0.00	31.86 -0.82 0.00	29.86 -0.77 0.00	34.41 -0.63 0.00	29.90 -0.42 0.00	29.74 -0.41 0.00	32.10 -0.57 0.00	40.28 -0.77 -0.01	49.70 -0.82 0.00	39.58 -0.70 0.00	48.84 -0.43 0.00	42.80 -0.52 0.00	35.43 -0.52 0.00	31.39 -0.71 0.00
STA_82___115KV_TB1 80780	31.79 -1.32 0.00	30.61 -1.37 0.00	36.01 -1.61 0.00	33.24 -1.56 0.00	33.71 -1.40 0.00	33.50 -1.33 0.00	36.41 -1.37 0.00	33.71 -1.44 0.00	28.99 -1.19 0.00	25.72 -1.03 0.00	31.23 -1.00 0.00	31.62 -1.06 0.00	29.64 -0.98 0.00	34.13 -0.90 0.00	29.67 -0.65 0.00	29.50 -0.66 0.00	31.83 -0.84 0.00	39.93 -1.12 -0.01	49.25 -1.28 0.00	39.22 -1.04 0.00	48.40 -0.87 0.00	42.44 -0.89 0.00	35.14 -0.80 0.00	31.15 -0.94 0.00
STEEL___WIND 323596	31.01 -2.10 0.00	29.83 -2.17 0.00	35.16 -2.46 0.00	32.37 -2.42 0.00	32.94 -2.17 0.00	32.73 -2.10 0.00	35.57 -2.21 0.00	32.37 -2.29 0.50	18.23 -1.49 10.45	12.83 -1.26 12.67	19.69 -1.25 11.29	19.48 -1.61 11.59	17.55 -1.51 11.57	21.68 -1.50 11.85	19.32 -1.11 9.88	21.63 -1.20 7.33	26.33 -1.65 4.68	21.71 -2.10 17.23	29.20 -2.52 18.81	33.08 -2.25 4.94	47.19 -2.09 0.00	41.37 -1.96 0.00	33.74 -1.59 0.61	29.10 -1.79 1.21
STEPHTWN_115KV_BK_2 55603	33.97 0.86 0.00	32.84 0.85 0.00	38.53 0.91 0.00	35.72 0.93 0.00	35.99 0.88 0.00	35.76 0.94 0.00	38.77 0.99 0.00	36.07 0.92 0.00	30.82 0.64 0.00	27.31 0.55 0.00	33.03 0.80 0.00	33.61 0.93 0.00	31.47 0.84 0.00	35.96 0.92 0.00	31.17 0.85 0.00	31.14 0.98 0.00	33.47 0.81 0.00	42.57 1.53 0.00	52.54 2.01 0.00	41.69 1.42 0.00	50.90 1.63 0.00	44.70 1.38 0.00	37.05 1.10 0.00	33.11 1.02 0.00
STEUBEN_REC_LFGE 323667	30.94 -2.17 0.00	29.91 -2.08 0.00	35.42 -2.20 0.00	32.69 -2.10 0.00	33.47 -1.64 0.00	33.55 -1.28 0.00	36.58 -1.21 0.00	34.41 -1.68 -0.94	48.16 -1.52 -19.50	48.23 -2.10 -23.57	50.90 -2.33 -21.00	51.52 -2.17 -21.01	49.71 -1.72 -20.80	54.34 -2.28 -21.59	46.65 -1.70 -18.03	41.64 -1.88 -13.36	38.76 -2.11 -8.20	69.55 -2.66 -31.17	82.71 -2.87 -35.05	47.24 -2.40 -9.37	46.88 -2.39 0.00	41.01 -2.31 0.00	35.55 -1.60 -1.20	32.79 -1.67 -2.36
STILLWATER___SOLAR 323814	34.65 1.54 0.00	33.43 1.44 0.00	39.30 1.69 0.00	36.15 1.35 0.00	36.47 1.37 0.00	36.26 1.43 0.00	39.57 1.79 0.00	36.92 1.77 0.00	31.53 1.36 0.00	27.67 0.91 0.00	33.24 1.00 0.00	33.81 1.14 0.00	31.70 1.08 0.00	36.35 1.32 0.00	31.48 1.16 0.00	31.43 1.28 0.00	34.07 1.40 0.00	43.00 1.96 0.00	53.08 2.56 0.00	42.33 2.06 0.00	51.64 2.37 0.00	45.33 2.01 0.00	37.56 1.61 0.00	33.51 1.41 0.00
STONY___BROOK 24151	34.29 1.72 0.53	33.60 1.60 0.00	39.23 1.62 0.00	36.60 1.80 0.00	36.89 1.78 0.00	37.06 2.23 0.00	40.15 2.37 0.00	37.19 2.66 0.62	31.44 2.41 1.16	27.72 2.07 1.10	34.04 3.17 1.37	33.29 3.46 2.85	30.34 2.98 3.26	35.10 2.98 2.91	31.04 2.34 1.62	31.15 2.13 1.13	32.91 2.53 2.29	43.31 3.28 1.01	54.43 3.98 0.07	42.96 3.05 0.36	52.83 3.56 0.00	46.34 3.25 0.23	37.79 2.38 0.54	33.74 2.31 0.67
STURGEON_POOL_HYD 23609	34.56 1.45 0.00	33.46 1.47 0.00	39.29 1.67 0.00	36.37 1.57 0.00	36.59 1.48 0.00	36.37 1.54 0.00	39.57 1.79 0.00	37.01 1.86 0.00	31.97 1.79 0.00	28.46 1.71 0.00	34.27 2.03 0.00	34.81 2.13 0.00	32.50 1.87 0.00	36.91 1.87 0.00	31.97 1.65 0.00	31.89 1.73 0.00	34.65 1.99 0.00	43.52 2.48 0.00	53.59 3.06 0.00	42.74 2.47 0.00	52.06 2.79 0.00	45.74 2.42 0.00	37.85 1.90 0.00	33.80 1.71 0.00
ST_LAW_115_BK7_LBMP 345037	33.15 0.04 0.00	31.93 -0.06 0.00	37.52 -0.10 0.00	34.67 -0.12 0.00	35.07 -0.04 0.00	34.78 -0.05 0.00	37.64 -0.14 0.00	34.93 -0.21 0.00	29.81 -0.36 0.00	26.41 -0.35 0.00	31.88 -0.36 0.00	32.31 -0.37 0.00	30.25 -0.37 0.00	34.74 -0.29 0.00	29.95 -0.37 0.00	29.59 -0.56 0.00	32.19 -0.48 0.00	40.41 -0.64 0.00	49.68 -0.84 0.00	39.67 -0.59 0.00	48.78 -0.50 0.00	42.95 -0.38 0.00	35.72 -0.23 0.00	31.79 -0.30 0.00

ST_LAW_115_BK8_LBMP 345038	33.15 0.04 0.00	31.93 -0.06 0.00	37.52 -0.10 0.00	34.67 -0.12 0.00	35.07 -0.04 0.00	34.78 -0.05 0.00	37.64 -0.14 0.00	34.93 -0.21 0.00	29.81 -0.36 0.00	26.41 -0.35 0.00	31.88 -0.36 0.00	32.31 -0.37 0.00	30.25 -0.37 0.00	34.74 -0.29 0.00	29.95 -0.37 0.00	29.59 -0.56 0.00	32.19 -0.48 0.00	40.41 -0.64 0.00	49.68 -0.84 0.00	39.67 -0.59 0.00	48.78 -0.50 0.00	42.95 -0.38 0.00	35.72 -0.23 0.00	31.79 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	33.14 0.03 0.00	31.93 -0.06 0.00	37.51 -0.11 0.00	34.66 -0.13 0.00	35.06 -0.05 0.00	34.77 -0.06 0.00	37.64 -0.14 0.00	34.94 -0.21 0.00	29.83 -0.34 0.00	26.42 -0.34 0.00	31.89 -0.35 0.00	32.32 -0.36 0.00	30.26 -0.36 0.00	34.76 -0.28 0.00	29.97 -0.35 0.00	29.63 -0.53 0.00	32.22 -0.45 0.00	40.44 -0.60 0.00	49.73 -0.80 0.00	39.69 -0.58 0.00	48.79 -0.48 0.00	42.97 -0.36 0.00	35.72 -0.23 0.00	31.79 -0.30 0.00
ST_LAW_230_BK6_LBMP 345036	33.14 0.03 0.00	31.93 -0.06 0.00	37.51 -0.11 0.00	34.66 -0.13 0.00	35.06 -0.05 0.00	34.77 -0.06 0.00	37.64 -0.14 0.00	34.94 -0.21 0.00	29.83 -0.34 0.00	26.42 -0.34 0.00	31.89 -0.35 0.00	32.32 -0.36 0.00	30.26 -0.36 0.00	34.76 -0.28 0.00	29.97 -0.35 0.00	29.63 -0.53 0.00	32.22 -0.45 0.00	40.44 -0.60 0.00	49.73 -0.80 0.00	39.69 -0.58 0.00	48.79 -0.48 0.00	42.97 -0.36 0.00	35.72 -0.23 0.00	31.79 -0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.34 1.23 0.00	33.24 1.25 0.00	39.04 1.42 0.00	36.13 1.33 0.00	36.36 1.25 0.00	36.16 1.33 0.00	39.28 1.51 0.00	36.74 1.59 0.00	31.71 1.53 0.00	28.20 1.44 0.00	33.97 1.74 0.00	34.51 1.83 0.00	32.26 1.63 0.00	36.71 1.67 0.00	31.78 1.46 0.00	31.71 1.55 0.00	34.38 1.71 0.00	43.20 2.16 0.00	53.22 2.69 0.00	42.38 2.11 0.00	51.58 2.31 0.00	45.33 2.00 0.00	37.52 1.57 0.00	33.53 1.44 0.00
SWANROAD_115KV_TB1 355699	30.03 -3.08 0.00	28.81 -3.18 0.00	33.92 -3.69 0.00	31.24 -3.56 0.00	31.87 -3.23 0.00	31.68 -3.15 0.00	34.33 -3.45 0.00	31.28 -3.51 0.36	20.02 -2.49 7.67	15.30 -2.08 9.37	21.73 -2.15 8.36	21.80 -2.34 8.53	19.97 -2.14 8.51	24.04 -2.20 8.80	21.26 -1.73 7.34	22.86 -1.86 5.44	26.99 -2.45 3.23	25.52 -3.06 12.45	32.62 -3.74 14.16	33.35 -3.19 3.73	45.75 -3.52 0.00	40.24 -3.09 0.00	33.01 -2.47 0.47	28.57 -2.60 0.93
SYNERGY___BIOGAS 323694	31.58 -1.53 0.00	30.32 -1.67 0.00	35.68 -1.93 0.00	32.90 -1.90 0.00	33.48 -1.62 0.00	33.34 -1.49 0.00	36.28 -1.50 0.00	33.29 -1.61 0.24	23.81 -1.24 5.13	19.29 -1.22 6.25	25.41 -1.25 5.57	25.65 -1.33 5.70	23.68 -1.25 5.69	27.96 -1.19 5.89	24.64 -0.77 4.91	25.86 -0.66 3.64	29.63 -0.88 2.16	31.70 -0.96 8.37	39.90 -1.14 9.48	36.76 -1.00 2.51	48.55 -0.72 0.00	42.55 -0.78 0.00	34.94 -0.69 0.31	30.46 -1.02 0.62
SYRACUSE___ENERGY_ST1 323597	32.81 -0.30 0.00	31.69 -0.31 0.00	37.27 -0.34 0.00	34.45 -0.34 0.00	34.79 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.28 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.52 -0.23 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.19 0.00	40.82 -0.21 0.00	50.39 -0.13 0.00	40.05 -0.22 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	32.81 -0.30 0.00	31.69 -0.31 0.00	37.27 -0.34 0.00	34.45 -0.34 0.00	34.79 -0.32 0.00	34.52 -0.30 0.00	37.50 -0.28 0.00	34.81 -0.34 0.00	29.90 -0.27 0.00	26.52 -0.23 0.00	31.98 -0.26 0.00	32.35 -0.33 0.00	30.36 -0.26 0.00	34.80 -0.23 0.00	30.12 -0.20 0.00	29.98 -0.17 0.00	32.48 -0.19 0.00	40.82 -0.21 0.00	50.39 -0.13 0.00	40.05 -0.22 0.00	49.03 -0.24 0.00	43.04 -0.29 0.00	35.66 -0.29 0.00	31.87 -0.23 0.00
SYRACUSE___POWER 24017	32.80 -0.31 0.00	31.69 -0.30 0.00	37.27 -0.35 0.00	34.45 -0.35 0.00	34.77 -0.34 0.00	34.51 -0.32 0.00	37.49 -0.29 0.00	34.86 -0.29 0.00	30.05 -0.13 0.00	26.59 -0.16 0.00	32.00 -0.23 0.00	32.40 -0.28 0.00	30.39 -0.23 0.00	34.96 -0.07 0.00	30.27 -0.05 0.00	30.14 -0.02 0.00	32.62 -0.04 0.00	41.06 0.02 0.00	50.70 0.17 0.00	40.09 -0.18 0.00	49.05 -0.22 0.00	43.05 -0.27 0.00	35.69 -0.26 0.00	31.88 -0.22 0.00
TALLMAN___138KV_BK151 55660	34.53 1.42 0.00	33.43 1.44 0.00	39.24 1.63 0.00	36.32 1.52 0.00	36.54 1.43 0.00	36.36 1.54 0.00	39.49 1.71 0.00	36.97 1.82 0.00	31.92 1.75 0.00	28.40 1.65 0.00	34.28 2.04 0.00	34.81 2.13 0.00	32.56 1.93 0.00	37.00 1.97 0.00	32.04 1.72 0.00	31.94 1.79 0.00	34.64 1.98 0.00	43.58 2.54 0.00	53.64 3.11 0.00	42.66 2.39 0.00	51.91 2.63 0.00	45.59 2.27 0.00	37.70 1.76 0.00	33.72 1.63 0.00
TEALLAVE_115KV_TB7 355573	32.63 -0.48 0.00	31.52 -0.47 0.00	37.08 -0.54 0.00	34.28 -0.52 0.00	34.59 -0.52 0.00	34.33 -0.49 0.00	37.28 -0.50 0.00	34.66 -0.49 0.00	29.89 -0.28 0.00	26.47 -0.28 0.00	31.87 -0.37 0.00	32.26 -0.43 0.00	30.25 -0.38 0.00	34.77 -0.26 0.00	30.13 -0.19 0.00	30.00 -0.15 0.00	32.46 -0.21 0.00	40.82 -0.22 0.00	50.38 -0.14 0.00	39.85 -0.41 0.00	48.78 -0.50 0.00	42.81 -0.51 0.00	35.49 -0.46 0.00	31.71 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	30.84 -2.27 0.00	29.62 -2.37 0.00	34.86 -2.76 0.00	32.11 -2.68 0.00	32.73 -2.38 0.00	32.55 -2.28 0.00	35.35 -2.43 0.00	32.33 -2.52 0.30	21.96 -1.82 6.39	17.38 -1.59 7.79	23.71 -1.58 6.94	23.82 -1.77 7.10	21.91 -1.64 7.08	26.14 -1.57 7.32	23.06 -1.15 6.10	24.42 -1.21 4.52	28.33 -1.65 2.68	28.61 -2.03 10.41	36.31 -2.43 11.78	35.07 -2.08 3.11	47.21 -2.07 0.00	41.42 -1.90 0.00	33.99 -1.57 0.39	29.53 -1.80 0.77
TEMPLE___115KV_TB 2 55572	32.65 -0.46 0.00	31.54 -0.46 0.00	37.08 -0.53 0.00	34.29 -0.51 0.00	34.61 -0.50 0.00	34.35 -0.48 0.00	37.29 -0.49 0.00	34.67 -0.48 0.00	29.93 -0.25 0.00	26.50 -0.26 0.00	31.90 -0.34 0.00	32.28 -0.40 0.00	30.28 -0.35 0.00	34.83 -0.20 0.00	30.18 -0.14 0.00	30.05 -0.10 0.00	32.50 -0.16 0.00	40.89 -0.15 0.00	50.45 -0.07 0.00	39.87 -0.39 0.00	48.79 -0.49 0.00	42.82 -0.50 0.00	35.50 -0.45 0.00	31.72 -0.38 0.00
TIANA____69_KV_BK 1 55817	33.73 1.16 0.53	33.10 1.10 0.00	38.67 1.06 0.00	36.41 1.61 0.00	36.75 1.64 0.00	37.33 2.50 0.00	40.38 2.60 0.00	37.19 2.66 0.62	31.11 2.09 1.16	27.35 1.70 1.10	33.65 2.81 1.39	32.97 3.19 2.90	29.95 2.65 3.32	34.51 2.44 2.96	30.58 1.91 1.65	30.46 1.62 1.31	32.31 1.99 2.35	42.61 2.60 1.04	53.87 3.42 0.07	42.40 2.50 0.36	52.35 3.08 0.00	46.03 2.95 0.23	37.41 2.01 0.54	33.23 1.80 0.67
TILDEN___115KV_TB1 80814	32.80 -0.31 0.00	31.69 -0.30 0.00	37.27 -0.35 0.00	34.45 -0.35 0.00	34.77 -0.34 0.00	34.51 -0.32 0.00	37.49 -0.29 0.00	34.86 -0.29 0.00	30.05 -0.13 0.00	26.59 -0.16 0.00	32.00 -0.23 0.00	32.40 -0.28 0.00	30.39 -0.23 0.00	34.96 -0.07 0.00	30.27 -0.05 0.00	30.14 -0.02 0.00	32.62 -0.04 0.00	41.06 0.02 0.00	50.70 0.17 0.00	40.09 -0.18 0.00	49.05 -0.22 0.00	43.05 -0.27 0.00	35.69 -0.26 0.00	31.88 -0.22 0.00

TRIGEN___CC 323695	34.36 1.78 0.53	33.66 1.67 0.00	39.40 1.79 0.00	36.58 1.79 0.00	36.80 1.69 0.00	36.74 1.91 0.00	39.86 2.08 0.00	36.87 2.34 0.62	31.26 2.24 1.16	27.70 2.05 1.10	36.96 2.83 -1.89	39.83 2.99 -4.17	39.49 2.65 -6.22	41.29 2.69 -3.57	34.57 2.23 -2.02	32.63 2.21 -0.27	41.93 2.53 -6.74	46.79 3.14 -2.61	54.09 3.63 0.07	42.88 2.98 0.36	52.55 3.28 0.00	46.09 3.00 0.23	37.74 2.33 0.54	33.66 2.23 0.67
TRINITY___115KV___4 BK 55933	33.73 0.62 0.00	32.62 0.63 0.00	38.31 0.69 0.00	35.49 0.69 0.00	35.73 0.62 0.00	35.46 0.63 0.00	38.36 0.58 0.00	35.64 0.49 0.00	30.49 0.31 0.00	27.06 0.31 0.00	32.63 0.39 0.00	33.18 0.50 0.00	31.13 0.50 0.00	35.54 0.51 0.00	30.85 0.53 0.00	30.77 0.62 0.00	33.18 0.52 0.00	41.98 0.94 0.00	51.66 1.13 0.00	41.15 0.89 0.00	50.12 0.85 0.00	44.10 0.77 0.00	36.60 0.65 0.00	32.74 0.65 0.00
UNION___PROCESSING_DRP 323587	31.79 -1.32 0.00	30.62 -1.37 0.00	36.01 -1.60 0.00	33.24 -1.56 0.00	33.71 -1.40 0.00	33.50 -1.33 0.00	36.41 -1.37 0.00	33.71 -1.44 0.00	28.99 -1.19 0.00	25.72 -1.03 0.00	31.23 -1.00 0.00	31.62 -1.06 0.00	29.64 -0.98 0.00	34.14 -0.89 0.00	29.67 -0.65 0.00	29.50 -0.65 0.00	31.83 -0.84 0.00	39.93 -1.12 -0.01	49.26 -1.27 0.00	39.23 -1.04 0.00	48.42 -0.85 0.00	42.44 -0.88 0.00	35.15 -0.80 0.00	31.16 -0.94 0.00
UPPER HUDSON___HYD 24058	35.07 1.96 0.00	33.76 1.77 0.00	39.68 2.07 0.00	36.30 1.50 0.00	36.69 1.58 0.00	36.54 1.71 0.00	40.04 2.26 0.00	37.45 2.30 0.00	31.97 1.80 0.00	27.83 1.07 0.00	33.34 1.10 0.00	33.93 1.25 0.00	31.83 1.20 0.00	36.49 1.46 0.00	31.62 1.30 0.00	31.53 1.37 0.00	34.24 1.58 0.00	43.40 2.36 0.00	53.51 2.98 0.00	42.67 2.40 0.00	52.09 2.82 0.00	45.64 2.32 0.00	37.78 1.84 0.00	33.66 1.57 0.00
UPPER RAQUET___HYD 24056	32.70 -0.41 0.00	31.47 -0.52 0.00	36.95 -0.66 0.00	34.13 -0.67 0.00	34.57 -0.53 0.00	34.38 -0.44 0.00	37.18 -0.60 0.00	34.47 -0.68 0.00	29.28 -0.90 0.00	25.92 -0.84 0.00	31.27 -0.97 0.00	31.68 -1.00 0.00	29.53 -1.10 0.00	33.85 -1.18 0.00	29.11 -1.21 0.00	32.89 -1.36 -4.09	32.86 -1.28 -1.47	39.53 -1.51 0.00	48.92 -1.60 0.00	40.03 -1.12 -0.89	48.13 -1.14 0.00	42.22 -1.11 0.00	35.23 -0.71 0.00	31.28 -0.81 0.00
VALLEY44_115KV_TB2 355964	32.62 -0.49 0.00	31.47 -0.52 0.00	37.09 -0.52 0.00	34.19 -0.60 0.00	34.72 -0.39 0.00	34.38 -0.45 0.00	37.42 -0.36 0.00	34.63 -0.36 0.16	26.75 -0.02 3.40	22.71 0.08 4.13	28.94 0.39 3.69	29.11 0.20 3.76	26.92 0.05 3.75	31.36 0.12 3.80	27.61 0.45 3.16	28.26 0.45 2.34	32.94 0.11 -0.17	36.71 0.11 4.44	45.01 0.39 5.92	38.39 -0.35 1.53	49.17 -0.10 0.00	42.95 -0.37 0.00	35.56 -0.20 0.19	31.51 -0.21 0.38
VALLEY___115KV_TB 1-4 80826	33.02 -0.09 0.00	32.01 0.02 0.00	37.72 0.10 0.00	35.05 0.25 0.00	35.27 0.16 0.00	34.84 0.01 0.00	38.10 0.32 0.00	35.54 0.39 0.00	29.98 -0.19 0.00	26.10 -0.66 0.00	31.19 -1.05 0.00	31.72 -0.95 0.00	30.49 -0.14 0.00	34.14 -0.89 0.00	30.12 -0.20 0.00	30.57 0.42 0.00	32.11 -0.55 0.00	40.74 -0.30 0.00	50.61 0.08 0.00	40.54 0.28 0.00	49.44 0.17 0.00	43.47 0.14 0.00	35.97 0.02 0.00	32.09 -0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.29 1.19 0.00	33.24 1.24 0.00	39.13 1.51 0.00	36.22 1.42 0.00	36.47 1.37 0.00	36.15 1.33 0.00	39.40 1.62 0.00	36.72 1.57 0.00	31.57 1.40 0.00	27.99 1.23 0.00	33.68 1.45 0.00	34.12 1.44 0.00	31.91 1.29 0.00	36.53 1.50 0.00	31.72 1.40 0.00	31.57 1.41 0.00	34.13 1.47 0.00	42.92 1.88 0.00	53.04 2.52 0.00	42.19 1.92 0.00	51.47 2.20 0.00	45.27 1.94 0.00	37.49 1.54 0.00	33.49 1.39 0.00
VISCHER___FERRY HYD 24020	34.10 0.99 0.00	32.92 0.93 0.00	38.69 1.08 0.00	35.75 0.95 0.00	36.05 0.94 0.00	35.79 0.96 0.00	38.89 1.11 0.00	36.23 1.08 0.00	31.06 0.88 0.00	27.48 0.72 0.00	33.06 0.83 0.00	33.55 0.87 0.00	31.44 0.82 0.00	35.98 0.95 0.00	31.20 0.88 0.00	31.12 0.96 0.00	33.69 1.02 0.00	42.48 1.44 0.00	52.38 1.85 0.00	41.72 1.45 0.00	50.89 1.62 0.00	44.73 1.40 0.00	37.11 1.16 0.00	33.12 1.03 0.00
V_A_10_SYNC_DSASP 323832	31.08 -2.03 0.00	29.95 -2.04 0.00	35.24 -2.37 0.00	32.52 -2.27 0.00	33.01 -2.10 0.00	32.79 -2.04 0.00	35.58 -2.20 0.00	32.70 -2.24 0.20	24.29 -1.66 4.22	20.33 -1.33 5.10	26.32 -1.37 4.55	26.52 -1.53 4.64	24.59 -1.41 4.62	28.87 -1.35 4.82	25.27 -1.03 4.01	26.08 -1.10 2.98	29.47 -1.43 1.76	32.21 -1.92 6.91	40.39 -2.30 7.84	36.23 -1.92 2.11	47.42 -1.86 0.00	41.59 -1.74 0.00	34.25 -1.44 0.26	30.01 -1.57 0.52
V_CMM_10_SYNC_DSASP 323787	33.30 0.19 0.00	32.09 0.10 0.00	37.70 0.09 0.00	34.83 0.04 0.00	35.24 0.13 0.00	34.95 0.12 0.00	37.82 0.04 0.00	35.10 -0.06 0.00	29.96 -0.21 0.00	26.54 -0.21 0.00	32.04 -0.19 0.00	32.48 -0.20 0.00	30.41 -0.22 0.00	34.92 -0.11 0.00	30.10 -0.21 0.00	29.74 -0.41 0.00	32.35 -0.31 0.00	40.61 -0.43 0.00	49.95 -0.58 0.00	39.88 -0.39 0.00	49.04 -0.23 0.00	43.17 -0.16 0.00	35.91 -0.04 0.00	31.94 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	33.82 0.71 0.00	32.37 0.38 0.00	37.97 0.36 0.00	35.01 0.22 0.00	35.45 0.34 0.00	35.24 0.42 0.00	37.89 0.11 0.00	35.14 -0.01 0.00	29.73 -0.44 0.00	26.13 -0.63 0.00	31.34 -0.90 0.00	31.91 -0.77 0.00	30.04 -0.59 0.00	34.60 -0.43 0.00	29.68 -0.64 0.00	4.31 -1.16 24.69	22.93 -0.86 8.87	40.31 -0.73 0.00	49.72 -0.81 0.00	33.87 -1.04 5.36	48.54 -0.73 0.00	43.03 -0.29 0.00	35.72 -0.23 0.00	31.77 -0.33 0.00
V_D_10_SYNC_DSASP 323841	33.49 0.38 0.00	32.25 0.26 0.00	37.89 0.28 0.00	35.00 0.21 0.00	35.42 0.31 0.00	35.15 0.32 0.00	38.03 0.25 0.00	35.29 0.14 0.00	30.09 -0.09 0.00	26.66 -0.10 0.00	32.19 -0.05 0.00	32.62 -0.05 0.00	30.52 -0.11 0.00	35.04 0.01 0.00	30.19 -0.13 0.00	30.76 -0.31 -0.92	32.78 -0.21 -0.33	40.76 -0.28 0.00	50.20 -0.33 0.00	40.30 -0.17 -0.20	49.26 -0.01 0.00	43.27 -0.05 0.00	36.10 0.15 0.00	32.10 0.01 0.00
V_E_10_SYNC_DSASP 323830	33.62 0.51 0.00	32.53 0.54 0.00	38.58 0.97 0.00	36.10 1.30 0.00	36.53 1.43 0.00	35.74 0.91 0.00	39.49 1.71 0.00	37.39 2.17 -0.07	33.32 1.67 -1.48	29.29 0.82 -1.71	33.86 0.14 -1.49	33.97 -0.23 -1.52	32.25 0.11 -1.52	37.31 0.70 -1.58	32.37 0.58 -1.48	31.73 0.47 -1.10	33.90 0.58 -0.65	43.88 0.28 -2.56	56.31 2.89 -2.90	42.24 1.20 -0.78	50.80 1.53 0.00	44.69 1.36 0.00	36.44 0.40 -0.10	32.93 0.64 -0.19
V_F_30_NSYNC___DSASP 323816	34.70 1.59 0.00	33.48 1.49 0.00	39.38 1.76 0.00	36.20 1.40 0.00	36.52 1.42 0.00	36.31 1.48 0.00	39.63 1.85 0.00	37.00 1.85 0.00	31.61 1.43 0.00	27.73 0.97 0.00	33.33 1.09 0.00	33.89 1.21 0.00	31.79 1.17 0.00	36.42 1.39 0.00	31.54 1.22 0.00	31.49 1.34 0.00	34.12 1.46 0.00	43.07 2.03 0.00	53.17 2.65 0.00	42.39 2.12 0.00	51.73 2.45 0.00	45.40 2.08 0.00	37.61 1.67 0.00	33.55 1.46 0.00



V_F_30_SYNC_DSASP 323786	33.86 0.75 0.00	32.75 0.76 0.00	38.43 0.82 0.00	35.60 0.80 0.00	35.85 0.74 0.00	35.57 0.74 0.00	38.52 0.74 0.00	35.78 0.63 0.00	30.62 0.45 0.00	27.18 0.43 0.00	32.76 0.53 0.00	33.32 0.65 0.00	31.28 0.65 0.00	35.72 0.69 0.00	30.99 0.67 0.00	30.95 0.80 0.00	33.42 0.75 0.00	42.28 1.24 0.00	52.04 1.51 0.00	41.44 1.17 0.00	50.49 1.22 0.00	44.41 1.09 0.00	36.85 0.90 0.00	32.95 0.85 0.00
V_XM_10_SYNC_DSASP 323789	33.82 0.71 0.00	32.37 0.38 0.00	37.97 0.36 0.00	35.01 0.22 0.00	35.45 0.34 0.00	35.24 0.42 0.00	37.89 0.11 0.00	35.14 -0.01 0.00	29.73 -0.44 0.00	26.13 -0.63 0.00	31.34 -0.90 0.00	31.91 -0.77 0.00	30.04 -0.59 0.00	34.60 -0.43 0.00	29.68 -0.64 0.00	4.31 -1.16 24.69	22.93 -0.86 8.87	40.31 -0.73 0.00	49.72 -0.81 0.00	33.87 -1.04 5.36	48.54 -0.73 0.00	43.03 -0.29 0.00	35.72 -0.23 0.00	31.77 -0.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.66 1.55 0.00	33.55 1.56 0.00	39.36 1.75 0.00	36.43 1.63 0.00	36.67 1.56 0.00	36.49 1.66 0.00	39.65 1.87 0.00	37.12 1.97 0.00	32.06 1.88 0.00	28.52 1.76 0.00	34.41 2.18 0.00	34.95 2.27 0.00	32.67 2.05 0.00	37.14 2.11 0.00	32.16 1.84 0.00	32.06 1.91 0.00	34.77 2.11 0.00	43.74 2.70 0.00	53.85 3.32 0.00	42.85 2.58 0.00	52.14 2.87 0.00	45.79 2.47 0.00	37.87 1.92 0.00	33.85 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.59 2.01 -10.47	34.00 2.00 0.00	39.88 2.27 0.00	36.93 2.13 0.00	37.18 2.07 0.00	36.99 2.17 0.00	40.26 2.48 0.00	44.27 2.54 -6.58	48.51 2.38 -15.96	50.54 2.20 -21.58	50.90 2.71 -15.96	67.92 2.81 -32.43	65.52 2.54 -32.35	73.16 2.65 -35.48	52.25 2.28 -19.65	50.33 2.33 -17.85	50.24 2.59 -14.98	52.29 3.32 -7.93	56.03 4.04 -1.46	50.55 3.22 -7.06	52.98 3.71 0.00	51.12 3.19 -4.61	49.14 2.57 -10.62	47.44 2.32 -13.03
W50THST__13_KV_LOAD 356117	45.80 2.21 -10.47	34.19 2.20 0.00	40.10 2.48 0.00	37.13 2.33 0.00	37.37 2.27 0.00	37.20 2.38 0.00	40.52 2.74 0.00	44.53 2.79 -6.58	48.74 2.61 -15.96	50.74 2.40 -21.58	51.16 2.96 -15.96	68.21 3.10 -32.43	65.77 2.80 -32.35	73.44 2.92 -35.48	52.51 2.54 -19.65	50.61 2.60 -17.85	50.51 2.86 -14.98	52.63 3.66 -7.93	56.44 4.44 -1.46	50.87 3.54 -7.06	53.35 4.07 0.00	51.42 3.49 -4.61	49.39 2.82 -10.62	47.66 2.54 -13.03
WADING RIVER_IC_1 23522	33.60 1.03 0.53	32.94 0.95 0.00	38.47 0.86 0.00	36.13 1.33 0.00	36.55 1.44 0.00	36.98 2.15 0.00	39.93 2.15 0.00	36.95 2.41 0.62	30.98 1.96 1.16	27.18 1.53 1.10	33.39 2.55 1.39	32.66 2.88 2.90	29.69 2.39 3.33	34.32 2.25 2.96	30.39 1.72 1.65	30.36 1.47 1.26	32.14 1.84 2.36	42.44 2.44 1.04	53.64 3.19 0.07	42.15 2.24 0.36	51.90 2.63 0.00	45.56 2.47 0.23	37.09 1.69 0.54	33.10 1.67 0.67
WADING RIVER_IC_2 23547	33.60 1.03 0.53	32.94 0.95 0.00	38.47 0.86 0.00	36.13 1.33 0.00	36.55 1.44 0.00	36.98 2.15 0.00	39.93 2.15 0.00	36.95 2.41 0.62	30.98 1.96 1.16	27.18 1.53 1.10	33.39 2.55 1.39	32.66 2.88 2.90	29.69 2.39 3.33	34.32 2.25 2.96	30.39 1.72 1.65	30.36 1.47 1.26	32.14 1.84 2.36	42.44 2.44 1.04	53.64 3.19 0.07	42.15 2.24 0.36	51.90 2.63 0.00	45.56 2.47 0.23	37.09 1.69 0.54	33.10 1.67 0.67
WADING RIVER_IC_3 23601	33.60 1.03 0.53	32.94 0.95 0.00	38.47 0.86 0.00	36.13 1.33 0.00	36.55 1.44 0.00	36.98 2.15 0.00	39.93 2.15 0.00	36.95 2.41 0.62	30.98 1.96 1.16	27.18 1.53 1.10	33.39 2.55 1.39	32.66 2.88 2.90	29.69 2.39 3.33	34.32 2.25 2.96	30.39 1.72 1.65	30.36 1.47 1.26	32.14 1.84 2.36	42.44 2.44 1.04	53.64 3.19 0.07	42.15 2.24 0.36	51.90 2.63 0.00	45.56 2.47 0.23	37.09 1.69 0.54	33.10 1.67 0.67
WALDENNY_12_KV_BK2 80841	31.10 -2.01 0.00	29.86 -2.13 0.00	35.19 -2.43 0.00	32.39 -2.41 0.00	32.97 -2.14 0.00	32.76 -2.06 0.00	35.65 -2.14 0.00	32.42 -2.25 0.48	18.52 -1.51 10.14	13.14 -1.30 12.31	20.04 -1.23 10.97	19.95 -1.48 11.25	18.00 -1.39 11.23	22.12 -1.41 11.51	19.68 -1.04 9.60	21.92 -1.12 7.12	26.55 -1.58 4.54	22.28 -2.04 16.72	29.78 -2.44 18.30	33.32 -2.15 4.81	47.28 -1.99 0.00	41.46 -1.86 0.00	33.82 -1.53 0.60	29.18 -1.74 1.18
WALDEN__HYDRO 24148	34.53 1.42 0.00	33.43 1.43 0.00	39.24 1.63 0.00	36.31 1.51 0.00	36.56 1.45 0.00	36.36 1.53 0.00	39.53 1.75 0.00	36.97 1.82 0.00	31.91 1.74 0.00	28.37 1.62 0.00	34.17 1.93 0.00	34.71 2.03 0.00	32.41 1.79 0.00	36.86 1.83 0.00	31.94 1.62 0.00	31.89 1.73 0.00	34.59 1.93 0.00	43.42 2.38 0.00	53.53 3.01 0.00	42.68 2.42 0.00	51.99 2.71 0.00	45.67 2.35 0.00	37.79 1.84 0.00	33.75 1.65 0.00
WARRENSBURG____ 23737	35.07 1.96 0.00	33.76 1.77 0.00	39.68 2.07 0.00	36.30 1.51 0.00	36.69 1.58 0.00	36.54 1.71 0.00	40.04 2.26 0.00	37.45 2.30 0.00	31.98 1.80 0.00	27.83 1.08 0.00	33.34 1.10 0.00	33.93 1.25 0.00	31.83 1.20 0.00	36.49 1.46 0.00	31.62 1.30 0.00	31.53 1.37 0.00	34.24 1.58 0.00	43.40 2.36 0.00	53.51 2.98 0.00	42.67 2.40 0.00	52.09 2.82 0.00	45.64 2.32 0.00	37.79 1.84 0.00	33.66 1.57 0.00
WATERSIDE____6 8 9 23538	48.98 2.10 -13.77	33.65 2.10 0.44	39.98 2.36 0.00	37.01 2.21 0.00	37.26 2.15 0.00	37.09 2.26 0.00	40.37 2.58 -0.01	48.34 2.60 -10.59	56.06 2.41 -23.47	57.72 2.21 -28.75	56.22 2.72 -21.26	78.68 2.80 -43.20	78.65 2.53 -45.50	85.54 2.64 -47.86	59.39 2.27 -26.80	60.45 2.32 -27.98	62.96 2.56 -27.73	55.49 3.29 -11.16	56.52 4.01 -1.98	53.70 3.23 -10.20	53.07 3.76 -0.04	52.71 3.25 -6.13	52.71 2.61 -14.15	51.82 2.38 -17.34
WATKINRD_115KV_LN8_ILLION 55919	33.09 -0.02 0.00	32.10 0.11 0.00	37.84 0.23 0.00	35.20 0.41 0.00	35.38 0.28 0.00	34.93 0.10 0.00	38.30 0.52 0.00	35.73 0.58 0.00	29.92 -0.26 0.00	25.85 -0.91 0.00	30.79 -1.44 0.00	31.37 -1.31 0.00	30.48 -0.15 0.00	33.89 -1.14 0.00	30.10 -0.21 0.00	30.80 0.65 0.00	31.92 -0.75 0.00	40.69 -0.35 0.00	50.79 0.26 0.00	40.80 0.53 0.00	49.69 0.42 0.00	43.68 0.36 0.00	36.12 0.17 0.00	32.20 0.10 0.00
WATSON__69_KV_BK 1 55734	34.64 2.07 0.53	33.94 1.95 0.00	39.66 2.04 0.00	36.94 2.14 0.00	37.21 2.10 0.00	37.34 2.51 0.00	40.50 2.72 0.00	37.54 3.00 0.62	31.78 2.76 1.16	28.08 2.43 1.10	34.60 3.56 1.20	34.02 3.82 2.48	31.19 3.34 2.77	35.87 3.41 2.57	31.60 2.71 1.43	31.58 2.49 1.06	33.79 2.96 1.83	44.00 3.80 0.84	55.01 4.55 0.07	43.48 3.57 0.36	53.46 4.18 0.00	46.90 3.81 0.23	38.27 2.87 0.54	34.11 2.68 0.67
WDELAWARE__HYD 323627	34.68 1.57 0.00	33.57 1.58 0.00	39.58 1.96 0.00	36.63 1.83 0.00	36.89 1.78 0.00	36.67 1.85 0.00	39.93 2.15 0.00	37.34 2.19 0.00	32.23 2.05 0.00	28.59 1.83 0.00	34.39 2.15 0.00	34.95 2.27 0.00	32.52 1.90 0.00	37.08 2.05 0.00	32.04 1.72 0.00	32.06 1.91 0.00	34.87 2.20 0.00	43.65 2.61 0.00	54.01 3.48 0.00	43.15 2.89 0.00	52.62 3.35 0.00	46.18 2.86 0.00	38.20 2.25 0.00	34.07 1.97 0.00

WEST BABYLON___IC 23714	34.62 2.05 0.53	33.92 1.93 0.00	39.65 2.04 0.00	36.88 2.08 0.00	37.12 2.01 0.00	37.21 2.38 0.00	40.38 2.60 0.00	37.41 2.88 0.62	31.70 2.68 1.16	28.04 2.39 1.10	34.88 3.45 0.82	34.71 3.69 1.66	32.21 3.24 1.65	36.53 3.16 1.81	31.96 2.64 1.01	31.68 2.43 0.91	34.79 2.90 0.76	44.32 3.69 0.40	54.82 4.37 0.07	43.39 3.49 0.36	53.30 4.02 0.00	46.76 3.67 0.23	38.19 2.78 0.54	34.05 2.62 0.67
WEST CANADA___HYD 24049	33.11 0.00 0.00	32.02 0.03 0.00	37.66 0.04 0.00	34.86 0.07 0.00	35.14 0.04 0.00	34.87 0.04 0.00	37.85 0.07 0.00	35.25 0.10 0.00	30.26 0.09 0.00	26.80 0.05 0.00	32.26 0.03 0.00	32.72 0.05 0.00	30.66 0.04 0.00	35.02 -0.02 0.00	30.34 0.02 0.00	30.23 0.08 0.00	32.73 0.06 0.00	41.15 0.11 0.00	50.65 0.12 0.00	40.41 0.14 0.00	49.38 0.11 0.00	43.41 0.09 0.00	36.00 0.05 0.00	32.16 0.06 0.00
WESTERN_NY_WIND 24143	31.51 -1.60 0.00	30.27 -1.72 0.00	35.61 -2.00 0.00	32.83 -1.97 0.00	33.43 -1.67 0.00	33.28 -1.54 0.00	36.21 -1.57 0.00	33.20 -1.68 0.26	23.36 -1.29 5.52	18.76 -1.27 6.73	24.93 -1.30 6.00	25.16 -1.38 6.14	23.19 -1.30 6.13	27.44 -1.26 6.34	24.23 -0.80 5.28	25.55 -0.69 3.92	29.42 -0.93 2.32	30.99 -1.04 9.01	39.08 -1.24 10.20	36.50 -1.07 2.70	48.46 -0.81 0.00	42.46 -0.86 0.00	34.85 -0.76 0.34	30.36 -1.08 0.66
WESTOVER___LESR 323668	33.14 0.03 0.00	32.03 0.04 0.00	37.74 0.13 0.00	34.87 0.07 0.00	35.17 0.06 0.00	34.86 0.03 0.00	38.00 0.22 0.00	35.42 0.27 0.00	30.44 0.26 0.00	26.95 0.19 0.00	32.52 0.29 0.00	32.99 0.31 0.00	31.01 0.39 0.00	35.50 0.47 0.00	30.63 0.31 0.00	30.50 0.35 0.00	32.99 0.32 0.00	41.44 0.41 0.00	51.13 0.60 0.00	40.59 0.32 0.00	49.76 0.49 0.00	43.65 0.33 0.00	36.22 0.28 0.00	32.37 0.27 0.00
WETHRSFD_WT_PWR 323626	30.70 -2.41 0.00	29.55 -2.44 0.00	34.91 -2.70 0.00	32.20 -2.60 0.00	32.72 -2.39 0.00	32.53 -2.29 0.00	35.42 -2.36 0.00	31.02 -2.59 1.53	-3.76 -2.06 31.88	-13.78 -1.97 38.57	-4.44 -2.30 34.37	-4.31 -2.33 34.67	-6.02 -2.23 34.42	-2.91 -2.40 35.54	-1.30 -1.96 29.66	6.19 -1.99 21.98	17.25 -2.37 13.04	-12.90 -2.92 51.03	-10.07 -3.37 57.22	22.18 -2.88 15.20	46.23 -3.04 0.00	40.53 -2.79 0.00	31.74 -2.28 1.93	26.08 -2.22 3.79
WHAVSTOR_138KV_BK127 55557	34.60 1.49 0.00	33.50 1.51 0.00	39.32 1.71 0.00	36.39 1.59 0.00	36.62 1.51 0.00	36.44 1.61 0.00	39.59 1.81 0.00	37.05 1.91 0.00	32.00 1.82 0.00	28.46 1.71 0.00	34.34 2.11 0.00	34.88 2.21 0.00	32.61 1.99 0.00	37.07 2.04 0.00	32.10 1.78 0.00	31.98 1.83 0.00	34.70 2.04 0.00	43.64 2.60 0.00	53.72 3.20 0.00	42.76 2.49 0.00	52.05 2.77 0.00	45.72 2.39 0.00	37.81 1.86 0.00	33.81 1.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.60 1.49 0.00	33.50 1.51 0.00	39.32 1.71 0.00	36.39 1.59 0.00	36.62 1.51 0.00	36.44 1.61 0.00	39.59 1.81 0.00	37.05 1.91 0.00	32.00 1.82 0.00	28.46 1.71 0.00	34.34 2.11 0.00	34.88 2.21 0.00	32.61 1.99 0.00	37.07 2.04 0.00	32.10 1.78 0.00	31.98 1.83 0.00	34.70 2.04 0.00	43.64 2.60 0.00	53.72 3.20 0.00	42.76 2.49 0.00	52.05 2.77 0.00	45.72 2.39 0.00	37.81 1.86 0.00	33.81 1.72 0.00
WHITEHAL_115KV_TB1 80871	35.78 2.67 0.00	34.29 2.30 0.00	40.25 2.63 0.00	36.82 2.03 0.00	37.38 2.27 0.00	37.38 2.55 0.00	40.82 3.03 0.00	38.10 2.96 0.00	32.63 2.46 0.00	28.38 1.62 0.00	33.53 1.30 0.00	33.99 1.31 0.00	31.92 1.30 0.00	36.72 1.69 0.00	31.88 1.56 0.00	31.59 1.44 0.00	34.75 2.08 0.00	44.49 3.44 0.00	54.55 4.02 0.00	43.36 3.09 0.00	52.86 3.59 0.00	46.13 2.81 0.00	38.25 2.30 0.00	34.05 1.96 0.00
WHITEPLN_13_KV_LOAD 356215	35.37 1.98 -0.29	33.95 1.96 0.00	39.82 2.21 0.00	36.87 2.07 0.00	37.12 2.01 0.00	36.95 2.13 0.00	40.23 2.45 0.00	37.99 2.51 -0.33	33.16 2.36 -0.62	29.54 2.19 -0.59	35.37 2.69 -0.44	36.36 2.80 -0.89	34.02 2.52 -0.88	38.63 2.62 -0.97	33.12 2.27 -0.54	32.99 2.35 -0.49	35.67 2.60 -0.41	44.55 3.30 -0.22	54.61 4.04 -0.04	43.67 3.21 -0.19	52.95 3.68 0.00	46.60 3.15 -0.13	38.73 2.49 -0.29	34.68 2.24 -0.35
WM_FLOYD_69_KV_BK2 356380	33.99 1.42 0.53	33.32 1.33 0.00	38.89 1.28 0.00	36.41 1.61 0.00	36.77 1.66 0.00	37.11 2.28 0.00	40.14 2.36 0.00	37.13 2.60 0.62	31.29 2.27 1.16	27.52 1.87 1.10	33.82 3.25 1.38	33.05 3.25 2.88	30.07 2.74 3.30	34.78 2.70 2.94	30.79 2.12 1.64	30.57 1.84 1.42	32.60 2.26 2.33	42.97 2.96 1.03	54.16 3.70 0.07	42.65 2.74 0.36	52.50 3.23 0.00	46.11 3.03 0.23	37.58 2.17 0.54	33.48 2.05 0.67
WOODARD___115KV_TB2 355635	32.59 -0.52 0.00	31.48 -0.51 0.00	37.03 -0.59 0.00	34.23 -0.57 0.00	34.55 -0.56 0.00	34.28 -0.54 0.00	37.22 -0.56 0.00	34.59 -0.56 0.00	29.78 -0.40 0.00	26.40 -0.35 0.00	31.81 -0.43 0.00	32.18 -0.50 0.00	30.19 -0.43 0.00	34.64 -0.39 0.00	30.00 -0.32 0.00	29.87 -0.28 0.00	32.32 -0.34 0.00	40.63 -0.41 0.00	50.14 -0.39 0.00	39.78 -0.49 0.00	48.68 -0.59 0.00	42.73 -0.59 0.00	35.43 -0.52 0.00	31.66 -0.44 0.00
YORK___WARBASSE 23770	53.20 2.34 -17.75	43.52 2.34 -9.19	40.20 2.59 0.00	37.21 2.41 0.00	37.47 2.36 0.00	37.30 2.47 0.00	40.60 2.81 -0.01	48.52 2.79 -10.59	56.17 2.52 -23.47	57.81 2.30 -28.75	56.35 2.86 -21.26	78.80 2.92 -43.20	92.65 2.65 -59.38	89.15 2.80 -51.33	63.12 2.38 -30.42	84.88 2.44 -52.29	108.07 2.72 -72.68	59.15 3.49 -14.62	56.99 4.29 -2.17	58.51 3.47 -14.78	53.57 4.10 -0.20	53.13 3.53 -6.28	52.96 2.82 -14.18	52.22 2.60 -17.52