

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/01/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	35.94	32.03	30.59	30.52	30.57	36.59	50.13	64.38	55.27	46.52	44.93	42.95	41.63	41.24	39.81	39.18	42.08	55.79	72.05	60.87	48.86	43.69	41.08	37.95
24138	2.26	1.93	1.76	1.73	1.73	2.17	3.82	4.66	4.23	3.72	3.66	3.61	3.53	3.25	3.03	2.90	3.12	3.65	4.35	3.94	3.50	3.40	3.46	2.94
	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	-3.20	-1.39	-1.38	-4.84	-5.93	-6.02	-6.11	-14.15	-24.63	-17.16	-7.33	-2.50	0.00	0.00
74TH STREET_GT_1	36.04	32.08	30.65	30.58	30.71	36.59	50.18	64.44	55.23	46.48	45.05	42.99	41.69	41.19	39.76	39.09	42.17	55.87	72.14	60.99	48.94	43.81	41.16	38.05
24260	2.36	1.99	1.82	1.79	1.87	2.17	3.87	4.72	4.19	3.68	3.77	3.68	3.60	3.32	3.12	2.96	3.22	3.72	4.44	4.06	3.58	3.51	3.54	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	-3.20	-1.35	-1.36	-4.73	-5.79	-5.87	-6.11	-14.15	-24.64	-17.16	-7.33	-2.50	0.00	0.00
74TH STREET_GT_2	36.04	32.08	30.65	30.58	30.71	36.59	50.18	64.44	55.23	46.48	45.05	42.99	41.69	41.19	39.76	39.09	42.17	55.87	72.14	60.99	48.94	43.81	41.16	38.05
24261	2.36	1.99	1.82	1.79	1.87	2.17	3.87	4.72	4.19	3.68	3.77	3.68	3.60	3.32	3.12	2.96	3.22	3.72	4.44	4.06	3.58	3.51	3.54	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	-3.20	-1.35	-1.36	-4.73	-5.79	-5.87	-6.11	-14.15	-24.64	-17.16	-7.33	-2.50	0.00	0.00
ADK HUDSON___FALLS	34.90	31.15	29.81	29.80	29.82	35.66	49.13	63.24	54.15	45.49	44.68	41.90	39.77	40.63	39.63	39.43	42.24	58.19	77.08	63.98	49.61	43.17	39.62	36.72
24011	1.21	1.05	0.98	1.01	0.98	1.24	2.77	3.52	3.11	2.70	2.40	2.16	2.02	1.69	1.42	1.45	1.61	2.17	2.63	2.35	2.24	2.19	1.99	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00	-4.21	-1.78	-1.02	-5.79	-7.36	-7.72	-7.78	-18.03	-31.39	-21.87	-9.33	-3.19	0.00	0.00
ADK RESOURCE___RCVRY	35.06	31.33	29.96	29.94	29.96	35.87	49.50	63.78	54.61	45.92	45.03	42.19	40.02	40.83	39.74	39.56	42.44	58.50	77.44	64.31	49.88	43.43	39.88	36.93
23798	1.38	1.23	1.12	1.15	1.12	1.45	3.14	4.06	3.57	3.12	2.74	2.47	2.28	1.92	1.57	1.63	1.81	2.47	2.97	2.66	2.51	2.46	2.26	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00	-4.21	-1.77	-1.02	-5.76	-7.31	-7.68	-7.79	-18.04	-31.40	-21.88	-9.34	-3.19	0.00	0.00
ADK S GLENS___FALLS	34.90	31.15	29.81	29.80	29.82	35.66	49.13	63.24	54.15	45.49	44.68	41.90	39.77	40.63	39.63	39.43	42.24	58.19	77.08	63.98	49.61	43.17	39.62	36.72
24028	1.21	1.05	0.98	1.01	0.98	1.24	2.77	3.52	3.11	2.70	2.40	2.16	2.02	1.69	1.42	1.45	1.61	2.17	2.63	2.35	2.24	2.19	1.99	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00	-4.21	-1.78	-1.02	-5.79	-7.36	-7.72	-7.78	-18.03	-31.39	-21.87	-9.33	-3.19	0.00	0.00
ADK_NYS___DAM	35.50	31.81	30.36	30.29	30.34	36.38	50.09	63.60	54.61	45.92	44.85	42.45	40.39	41.05	40.09	39.81	42.69	58.03	76.09	63.56	49.63	43.43	40.11	37.32
23527	1.82	1.71	1.53	1.50	1.50	1.96	3.73	3.88	3.57	3.12	2.78	2.81	2.65	2.39	2.25	2.24	2.43	2.85	3.10	2.94	2.70	2.61	2.48	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	-4.00	-1.68	-1.01	-5.51	-6.98	-7.32	-7.42	-17.18	-29.92	-20.84	-8.90	-3.04	0.00	0.00
AIR_PRODUCTS___DRP	33.99	30.37	29.06	28.99	29.04	34.63	47.60	60.80	52.11	43.82	43.13	40.62	38.65	39.54	38.67	38.43	41.14	56.34	74.42	61.86	47.99	41.73	38.45	35.71
24190	0.30	0.27	0.23	0.20	0.20	0.21	1.24	1.07	1.07	1.03	0.99	0.95	0.92	0.80	0.71	0.73	0.79	0.95	1.08	0.99	0.95	0.87	0.83	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	-4.06	-1.72	-1.00	-5.59	-7.10	-7.45	-7.51	-17.39	-30.28	-21.10	-9.01	-3.07	0.00	0.00
AKWESSNE_115KV_BK	33.18	29.65	28.37	28.36	28.38	33.94	45.17	59.06	50.58	42.28	37.31	37.24	36.14	32.59	30.30	29.74	32.29	37.20	41.86	38.70	37.23	37.22	36.95	34.41
355683	-0.51	-0.45	-0.46	-0.43	-0.46	-0.48	-0.92	-0.66	-0.46	-0.51	-0.76	-0.72	-0.59	-0.56	-0.56	-0.51	-0.56	-0.80	-1.21	-1.07	-0.80	-0.57	-0.68	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.99	30.37	29.06	28.99	29.04	34.63	47.60	60.80	52.11	43.82	43.13	40.62	38.65	39.54	38.67	38.43	41.14	56.34	74.42	61.86	47.99	41.73	38.45	35.71
23571	0.30	0.27	0.23	0.20	0.20	0.21	1.24	1.07	1.07	1.03	0.99	0.95	0.92	0.80	0.71	0.73	0.79	0.95	1.08	0.99	0.95	0.87	0.83	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	-4.06	-1.72	-1.00	-5.59	-7.10	-7.45	-7.51	-17.39	-30.28	-21.10	-9.01	-3.07	0.00	0.00
ALBANY___2	33.99	30.37	29.06	28.99	29.04	34.63	47.60	60.80	52.11	43.82	43.13	40.62	38.65	39.54	38.67	38.43	41.14	56.34	74.42	61.86	47.99	41.73	38.45	35.71
23572	0.30	0.27	0.23	0.20	0.20	0.21	1.24	1.07	1.07	1.03	0.99	0.95	0.92	0.80	0.71	0.73	0.79	0.95	1.08	0.99	0.95	0.87	0.83	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	-4.06	-1.72	-1.00	-5.59	-7.10	-7.45	-7.51	-17.39	-30.28	-21.10	-9.01	-3.07	0.00	0.00
ALBANY___3	33.99	30.37	29.06	28.99	29.04	34.63	47.60	60.80	52.11	43.82	43.13	40.62	38.65	39.54	38.67	38.43	41.14	56.34	74.42	61.86	47.99	41.73	38.45	35.71
23573	0.30	0.27	0.23	0.20	0.20	0.21	1.24	1.07	1.07	1.03	0.99	0.95	0.92	0.80	0.71	0.73	0.79	0.95	1.08	0.99	0.95	0.87	0.83	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	-4.06	-1.72	-1.00	-5.59	-7.10	-7.45	-7.51	-17.39	-30.28	-21.10	-9.01	-3.07	0.00	0.00

ALBANY___4 23574	33.99 0.30 0.00	30.37 0.27 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.63 0.21 0.00	47.60 1.24 -0.26	60.80 1.07 0.00	52.11 1.07 0.00	43.82 1.03 0.00	43.13 0.99 -4.06	40.62 0.95 -1.72	38.65 0.92 -1.00	39.54 0.80 -5.59	38.67 0.71 -7.10	38.43 0.73 -7.45	41.14 0.79 -7.51	56.34 0.95 -17.39	74.42 1.08 -30.28	61.86 0.99 -21.10	47.99 0.95 -9.01	41.73 0.87 -3.07	38.45 0.83 0.00	35.71 0.70 0.00
ALBANY___LFGE 323615	34.46 0.78 0.00	30.79 0.69 0.00	29.44 0.61 0.00	29.40 0.61 0.00	29.41 0.58 0.00	35.14 0.72 0.00	48.25 1.89 -0.26	61.75 2.03 0.00	52.93 1.89 0.00	44.55 1.76 0.00	43.78 1.60 -4.11	41.20 1.52 -1.72	39.16 1.43 -1.00	40.03 1.26 -5.62	39.13 1.14 -7.14	38.89 1.15 -7.49	41.69 1.25 -7.59	57.11 1.52 -17.59	75.41 1.72 -30.62	62.70 1.59 -21.33	48.62 1.48 -9.11	42.30 1.40 -3.11	38.98 1.35 0.00	36.16 1.15 0.00
ALCOA_PA_115KV_PL-6C 55860	33.41 -0.27 0.00	29.86 -0.24 0.00	28.57 -0.26 0.00	28.53 -0.26 0.00	28.55 -0.29 0.00	34.11 -0.31 0.00	45.45 -0.65 0.00	59.36 -0.36 0.00	50.89 -0.15 0.00	42.54 -0.26 0.00	37.58 -0.49 0.00	37.43 -0.53 0.00	36.25 -0.48 0.00	32.69 -0.46 0.00	30.39 -0.46 0.00	29.80 -0.45 0.00	32.39 -0.46 0.00	37.35 -0.65 0.00	42.03 -1.03 0.00	38.90 -0.87 0.00	37.39 -0.65 0.00	37.41 -0.38 0.00	37.13 -0.49 0.00	34.62 -0.39 0.00
ALCOA_RYNLDS___DRP 24188	33.41 -0.27 0.00	29.86 -0.24 0.00	28.57 -0.26 0.00	28.53 -0.26 0.00	28.55 -0.29 0.00	34.11 -0.31 0.00	45.45 -0.65 0.00	59.36 -0.36 0.00	50.89 -0.15 0.00	42.54 -0.26 0.00	37.58 -0.49 0.00	37.43 -0.53 0.00	36.25 -0.48 0.00	32.69 -0.46 0.00	30.39 -0.46 0.00	29.80 -0.45 0.00	32.39 -0.46 0.00	37.35 -0.65 0.00	42.03 -1.03 0.00	38.90 -0.87 0.00	37.39 -0.65 0.00	37.41 -0.38 0.00	37.13 -0.49 0.00	34.62 -0.39 0.00
ALCOA___DSASP 323711	33.41 -0.27 0.00	29.80 -0.30 0.00	28.57 -0.26 0.00	28.53 -0.26 0.00	28.55 -0.29 0.00	34.11 -0.31 0.00	45.45 -0.65 0.00	59.36 -0.36 0.00	50.89 -0.15 0.00	42.63 -0.17 0.00	37.54 -0.53 0.00	37.43 -0.53 0.00	36.25 -0.48 0.00	32.66 -0.50 0.00	30.39 -0.46 0.00	29.80 -0.45 0.00	32.39 -0.46 0.00	37.35 -0.65 0.00	42.03 -1.03 0.00	38.89 -0.88 0.00	37.42 -0.61 0.00	37.41 -0.38 0.00	37.13 -0.49 0.00	34.62 -0.38 0.00
ALLEGHENY___COGEN 23514	35.27 1.58 0.00	31.69 1.59 0.00	30.36 1.53 0.00	30.29 1.50 0.00	30.34 1.50 0.00	36.17 1.75 0.00	47.03 0.87 -0.06	61.57 1.85 0.00	51.14 0.10 0.00	42.63 -0.17 0.00	39.52 0.53 -0.91	38.43 0.08 -0.39	36.55 -0.37 -0.19	34.18 -0.23 -1.25	32.18 -0.28 -1.61	31.77 -0.18 -1.70	34.70 0.13 -1.72	43.05 1.06 -3.99	52.33 2.32 -6.95	46.75 2.15 -4.84	41.01 0.91 -2.07	38.99 0.49 -0.71	38.75 1.13 0.00	36.82 1.82 0.00
ALTAMONT_115KV_TB 2 55880	34.69 1.01 0.00	30.97 0.87 0.00	29.67 0.84 0.00	29.63 0.83 0.00	29.64 0.81 0.00	35.35 0.93 0.00	48.34 1.98 -0.26	61.87 2.15 0.00	52.93 1.89 0.00	44.46 1.67 0.00	43.74 1.60 -4.06	41.23 1.56 -1.72	39.19 1.47 -1.00	40.07 1.33 -5.59	39.19 1.23 -7.10	38.94 1.24 -7.45	41.68 1.35 -7.49	56.95 1.60 -17.35	75.17 1.89 -30.21	62.53 1.71 -21.05	48.62 1.60 -8.99	42.37 1.51 -3.07	39.09 1.47 0.00	36.30 1.30 0.00
ALTONA_WT_PWR 323606	34.15 0.47 0.00	30.28 0.18 0.00	29.01 0.17 0.00	29.08 0.29 0.00	29.21 0.37 0.00	35.00 0.58 0.00	46.05 -0.05 0.00	60.08 0.36 0.00	51.14 0.10 0.00	43.22 0.43 0.00	38.34 0.27 0.00	38.15 0.19 0.00	36.99 0.26 0.00	33.35 0.20 0.00	31.01 0.16 0.00	30.44 0.18 0.00	33.11 0.26 0.00	38.30 0.30 0.00	42.55 -0.51 0.00	39.73 -0.04 0.00	38.30 0.27 0.00	38.25 0.46 0.00	37.85 0.23 0.00	35.18 0.18 0.00
AMERICAN_REF_FUEL 24010	32.70 -0.98 0.00	29.50 -0.60 0.00	28.40 -0.43 0.00	28.33 -0.46 0.00	28.26 -0.58 0.00	33.66 -0.76 0.00	43.94 -2.21 -0.06	55.84 -3.88 0.00	46.80 -4.24 0.00	39.37 -3.43 0.00	37.36 -1.56 -0.85	36.58 -1.75 -0.36	34.88 -2.02 -0.18	32.59 -1.73 -1.16	30.65 -1.70 -1.49	30.11 -1.72 -1.58	32.70 -1.74 -1.60	39.80 -1.90 -3.70	48.22 -1.29 -6.45	42.99 -1.27 -4.49	37.97 -1.98 -1.92	35.65 -2.80 -0.65	36.04 -1.58 0.00	33.75 -1.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.79 1.11 0.00	31.39 1.29 0.00	30.13 1.30 0.00	30.00 1.21 0.00	30.02 1.18 0.00	35.76 1.34 0.00	47.03 0.87 -0.06	60.56 0.84 0.00	50.58 -0.46 0.00	41.77 -1.03 -0.90	39.44 0.46 -0.39	38.54 0.19 -0.19	36.66 -0.26 -0.19	34.26 -0.13 -1.24	32.14 -0.31 -1.59	31.58 -0.36 -1.68	34.32 -0.23 -1.71	42.06 0.11 -3.95	51.24 1.29 -6.88	45.72 1.15 -4.80	40.35 0.27 -2.05	37.81 -0.68 -0.70	38.49 0.87 0.00	35.95 0.95 0.00
ARTHUR_KILL_GT_1 23520	36.52 2.83 -0.01	32.54 2.44 -0.01	31.06 2.22 -0.01	30.99 2.19 -0.01	31.10 2.25 -0.01	37.25 2.82 -0.01	49.63 3.32 -0.21	63.71 4.00 0.01	54.55 3.52 0.01	46.00 3.21 0.01	44.82 3.54 -3.20	42.84 3.49 -1.39	41.75 3.64 -1.38	41.44 3.45 -4.84	40.13 3.33 -5.94	39.52 3.24 -6.03	42.25 3.28 -6.12	55.56 3.42 -14.14	71.65 3.96 -24.63	60.51 3.58 -17.15	48.43 3.08 -7.32	43.97 3.66 -2.51	41.62 3.99 -0.01	38.51 3.50 -0.01
ARTHUR_KILL_2 23512	36.42 2.73 -0.01	32.48 2.38 -0.01	31.00 2.16 -0.01	30.93 2.13 -0.01	31.01 2.16 -0.01	37.15 2.72 -0.01	49.49 3.18 -0.21	63.54 3.83 0.01	54.40 3.37 0.01	45.91 3.12 0.01	44.71 3.43 -3.20	42.72 3.38 -1.39	41.64 3.53 -1.38	41.38 3.38 -4.84	40.04 3.24 -5.94	39.43 3.15 -6.03	42.12 3.15 -6.12	55.41 3.27 -14.14	71.48 3.79 -24.63	60.35 3.42 -17.15	48.32 2.97 -7.32	43.85 3.55 -2.51	41.51 3.88 -0.01	38.41 3.39 -0.01
ARTHUR_KILL_3 23513	35.67 1.99 0.00	31.75 1.65 0.00	30.36 1.53 0.00	30.26 1.47 0.00	30.31 1.47 0.00	36.28 1.86 0.00	49.67 3.36 -0.21	63.72 4.00 0.00	54.72 3.68 0.00	46.05 3.25 0.00	44.55 3.27 -3.20	42.57 3.22 -1.39	41.27 3.16 -1.38	40.91 2.92 -4.84	39.53 2.75 -5.93	38.91 2.63 -6.02	41.78 2.83 -6.11	55.37 3.23 -14.15	71.58 3.88 -24.63	60.47 3.54 -17.16	48.48 3.12 -7.33	43.35 3.06 -2.50	40.74 3.12 0.00	37.63 2.63 0.00
ARTHUR_KILL_COGEN 323718	36.52 2.83 -0.01	32.54 2.44 -0.01	31.06 2.22 -0.01	30.99 2.19 -0.01	31.10 2.25 -0.01	37.25 2.82 -0.01	49.63 3.32 -0.21	63.71 4.00 0.01	54.55 3.52 0.01	46.00 3.21 0.01	44.82 3.54 -3.20	42.84 3.49 -1.39	41.75 3.64 -1.38	41.44 3.45 -4.84	40.13 3.33 -5.94	39.52 3.24 -6.03	42.25 3.28 -6.12	55.56 3.42 -14.14	71.65 3.96 -24.63	60.51 3.58 -17.15	48.43 3.08 -7.32	43.97 3.66 -2.51	41.62 3.99 -0.01	38.51 3.50 -0.01
ASHOKAN____ 23654	35.43 1.75 0.00	31.57 1.47 0.00	30.16 1.33 0.00	30.12 1.33 0.00	30.08 1.24 0.00	35.69 1.27 0.00	49.24 2.91 -0.23	62.82 3.10 0.00	53.90 2.86 0.00	43.27 0.47 0.00	42.11 0.46 -3.58	39.75 0.27 -1.52	37.72 0.26 -0.74	38.23 0.20 -4.88	37.26 0.16 -6.25	37.02 0.15 -6.61	39.78 0.23 -6.71	54.22 0.68 -15.54	71.02 0.91 -27.05	59.29 0.68 -18.84	46.76 0.69 -8.04	41.03 0.49 -2.75	39.58 1.96 0.00	36.69 1.68 0.00

ASTORIA_EAST_ENERGY_CC1 323581	35.78 2.09 -0.01	31.91 1.81 -0.01	30.60 1.76 -0.01	30.53 1.73 -0.01	30.49 1.64 -0.01	36.56 2.13 -0.01	49.49 3.18 -0.21	63.66 3.94 0.00	54.51 3.47 0.01	46.00 3.21 0.01	44.58 3.31 -3.20	42.60 3.26 -1.38	41.42 3.31 -1.38	41.01 3.02 -4.84	39.63 2.84 -5.94	38.98 2.69 -6.03	41.95 2.99 -6.12	55.64 3.49 -14.15	71.49 3.79 -24.64	60.35 3.42 -17.16	48.32 2.97 -7.32	43.66 3.36 -2.51	40.94 3.31 -0.01	37.82 2.80 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.78 2.09 -0.01	31.91 1.81 -0.01	30.60 1.76 -0.01	30.53 1.73 -0.01	30.49 1.64 -0.01	36.56 2.13 -0.01	49.49 3.18 -0.21	63.66 3.94 0.00	54.51 3.47 0.01	46.00 3.21 0.01	44.58 3.31 -3.20	42.60 3.26 -1.38	41.42 3.31 -1.38	41.01 3.02 -4.84	39.63 2.84 -5.94	38.98 2.69 -6.03	41.95 2.99 -6.12	55.64 3.49 -14.15	71.49 3.79 -24.64	60.35 3.42 -17.16	48.32 2.97 -7.32	43.66 3.36 -2.51	40.94 3.31 -0.01	37.82 2.80 -0.01
ASTORIA_GT2_1 24094	35.80 2.12 0.00	31.90 1.81 0.00	30.59 1.76 0.00	30.55 1.76 0.00	30.63 1.79 0.00	36.48 2.07 0.00	49.44 3.13 -0.21	63.48 3.76 0.00	54.41 3.37 0.00	45.83 3.04 0.00	44.63 3.35 -3.20	42.61 3.30 -1.35	41.43 3.34 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.94 2.99 -6.11	55.64 3.50 -14.15	71.53 3.83 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	40.97 3.35 0.00	37.84 2.84 0.00
ASTORIA_GT2_2 24095	35.80 2.12 0.00	31.90 1.81 0.00	30.59 1.76 0.00	30.55 1.76 0.00	30.63 1.79 0.00	36.48 2.07 0.00	49.44 3.13 -0.21	63.48 3.76 0.00	54.41 3.37 0.00	45.83 3.04 0.00	44.63 3.35 -3.20	42.61 3.30 -1.35	41.43 3.34 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.94 2.99 -6.11	55.64 3.50 -14.15	71.53 3.83 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	40.97 3.35 0.00	37.84 2.84 0.00
ASTORIA_GT2_3 24096	35.80 2.12 0.00	31.90 1.81 0.00	30.59 1.76 0.00	30.55 1.76 0.00	30.63 1.79 0.00	36.48 2.07 0.00	49.44 3.13 -0.21	63.48 3.76 0.00	54.41 3.37 0.00	45.83 3.04 0.00	44.63 3.35 -3.20	42.61 3.30 -1.35	41.43 3.34 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.94 2.99 -6.11	55.64 3.50 -14.15	71.53 3.83 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	40.97 3.35 0.00	37.84 2.84 0.00
ASTORIA_GT2_4 24097	35.80 2.12 0.00	31.90 1.81 0.00	30.59 1.76 0.00	30.55 1.76 0.00	30.63 1.79 0.00	36.48 2.07 0.00	49.44 3.13 -0.21	63.48 3.76 0.00	54.41 3.37 0.00	45.83 3.04 0.00	44.63 3.35 -3.20	42.61 3.30 -1.35	41.43 3.34 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.94 2.99 -6.11	55.64 3.50 -14.15	71.53 3.83 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	40.97 3.35 0.00	37.84 2.84 0.00
ASTORIA_GT3_1 24098	35.80 2.12 0.00	31.90 1.81 0.00	30.59 1.76 0.00	30.55 1.76 0.00	30.63 1.79 0.00	36.48 2.07 0.00	49.44 3.13 -0.21	63.48 3.76 0.00	54.41 3.37 0.00	45.83 3.04 0.00	44.63 3.35 -3.20	42.61 3.30 -1.35	41.43 3.34 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.94 2.99 -6.11	55.64 3.50 -14.15	71.53 3.83 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	40.97 3.35 0.00	37.84 2.84 0.00
ASTORIA_GT3_2 24099	35.80 2.12 0.00	31.90 1.81 0.00	30.59 1.76 0.00	30.55 1.76 0.00																				

ASTORIA_GT_10 24110	35.94 2.26 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.65 1.82 0.00	36.52 2.10 0.00	49.67 3.37 -0.21	63.66 3.94 0.00	54.61 3.57 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.03 3.15 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.95 2.94 0.00
ASTORIA_GT_11 24225	35.94 2.26 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.65 1.82 0.00	36.52 2.10 0.00	49.67 3.37 -0.21	63.66 3.94 0.00	54.61 3.57 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.03 3.15 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.95 2.94 0.00
ASTORIA_GT_12 24226	35.94 2.26 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.65 1.82 0.00	36.52 2.10 0.00	49.67 3.37 -0.21	63.66 3.94 0.00	54.61 3.57 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.03 3.15 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.95 2.94 0.00
ASTORIA_GT_13 24227	35.94 2.26 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.65 1.82 0.00	36.52 2.10 0.00	49.67 3.37 -0.21	63.66 3.94 0.00	54.61 3.57 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.03 3.15 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.95 2.94 0.00
ASTORIA_GT_5 24106	35.88 2.19 -0.01	32.00 1.90 -0.01	30.66 1.82 -0.01	30.58 1.79 -0.01	30.55 1.70 -0.01	36.66 2.24 -0.01	49.63 3.32 -0.21	63.78 4.06 0.00	54.66 3.62 0.01	46.13 3.34 0.01	44.70 3.43 -3.20	42.72 3.38 -1.38	41.53 3.42 -1.38	41.11 3.12 -4.84	39.73 2.93 -5.94	39.07 2.78 -6.03	42.02 3.06 -6.12	55.76 3.61 -14.15	71.62 3.92 -24.64	60.43 3.50 -17.16	48.40 3.04 -7.32	43.74 3.44 -2.51	41.02 3.39 -0.01	37.92 2.90 -0.01
ASTORIA_GT_7 24107	35.88 2.19 -0.01	32.00 1.90 -0.01	30.66 1.82 -0.01	30.58 1.79 -0.01	30.55 1.70 -0.01	36.66 2.24 -0.01	49.63 3.32 -0.21	63.78 4.06 0.00	54.66 3.62 0.01	46.13 3.34 0.01	44.70 3.43 -3.20	42.72 3.38 -1.38	41.53 3.42 -1.38	41.11 3.12 -4.84	39.73 2.93 -5.94	39.07 2.78 -6.03	42.02 3.06 -6.12	55.76 3.61 -14.15	71.62 3.92 -24.64	60.43 3.50 -17.16	48.40 3.04 -7.32	43.74 3.44 -2.51	41.02 3.39 -0.01	37.92 2.90 -0.01
ASTORIA_GT_8 24108	35.87 2.19 0.00	31.96 1.87 0.00	30.65 1.82 0.00	30.58 1.79 0.00	30.68 1.85 0.00	36.55 2.13 0.00	49.54 3.23 -0.21	63.60 3.88 0.00	54.51 3.47 0.00	45.92 3.12 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.51 3.42 -1.36	40.99 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	42.01 3.05 -6.11	55.76 3.61 -14.15	71.62 3.92 -24.64	60.43 3.50 -17.16	48.40 3.04 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.91 2.91 0.00
ASTORIA___2 24149	35.81 2.12 -0.01	31.94 1.84 -0.01	30.60 1.76 -0.01	30.56 1.76 -0.01	30.52 1.67 -0.01	36.60 2.17 -0.01	49.53 3.23 -0.21	63.66 3.94 0.00	54.55 3.52 0.01	46.04 3.25 0.01	44.58 3.31 -3.20	42.64 3.30 -1.38	41.46 3.34 -1.38	41.04 3.05 -4.84	39.67 2.87 -5.94	39.01 2.72 -6.03	41.95 2.99 -6.12	55.68 3.53 -14.15	71.53 3.83 -24.64	60.35 3.42 -17.16	48.32 2.97 -7.32	43.66 3.36 -2.51	40.94 3.31 -0.01	37.85 2.83 -0.01
ASTORIA___3 23516	35.95 2.26 -0.01	32.03 1.93 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.58 1.73 -0.01	36.63 2.20 -0.01	49.72 3.41 -0.21	63.78 4.06 0.00	54.82 3.78 0.00	46.22 3.42 0.00	44.74 3.46 -3.20	42.80 3.45 -1.39	41.57 3.45 -1.38	41.15 3.15 -4.84	39.76 2.96 -5.94	39.10 2.81 -6.03	42.05 3.09 -6.12	55.64 3.49 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.52 3.16 -7.33	43.70 3.40 -2.51	41.05 3.42 -0.01	37.95 2.94 -0.01
ASTORIA___4 23517	35.94 2.26 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.65 1.82 0.00	36.52 2.10 0.00	49.67 3.37 -0.21	63.66 3.94 0.00	54.61 3.57 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.03 3.15 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.95 2.94 0.00
ASTORIA___5 23518	35.95 2.26 -0.01	32.03 1.93 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.58 1.73 -0.01	36.63 2.20 -0.01	49.72 3.41 -0.21	63.78 4.06 0.00	54.76 3.72 0.00	46.22 3.42 0.00	44.74 3.46 -3.20	42.80 3.45 -1.39	41.57 3.45 -1.38	41.15 3.15 -4.84	39.76 2.96 -5.94	39.10 2.81 -6.03	42.05 3.09 -6.12	55.64 3.49 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.52 3.16 -7.33	43.70 3.40 -2.51	41.05 3.42 -0.01	37.95 2.94 -0.01
AST_ENERGY_2_CC3 323677	35.81 2.12 0.00	31.90 1.81 0.00	30.50 1.67 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.87 3.83 0.00	46.22 3.42 0.00	44.71 3.43 -3.20	42.69 3.34 -1.39	41.41 3.31 -1.38	41.01 3.02 -4.84	39.63 2.84 -5.93	39.00 2.72 -6.02	41.91 2.96 -6.11	55.53 3.38 -14.15	71.75 4.05 -24.63	60.59 3.66 -17.16	48.59 3.23 -7.33	43.50 3.21 -2.50	40.89 3.27 0.00	37.77 2.76 0.00
AST_ENERGY_2_CC4 323678	35.81 2.12 0.00	31.90 1.81 0.00	30.50 1.67 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.87 3.83 0.00	46.22 3.42 0.00	44.71 3.43 -3.20	42.69 3.34 -1.39	41.41 3.31 -1.38	41.01 3.02 -4.84	39.63 2.84 -5.93	39.00 2.72 -6.02	41.91 2.96 -6.11	55.53 3.38 -14.15	71.75 4.05 -24.63	60.59 3.66 -17.16	48.59 3.23 -7.33	43.50 3.21 -2.50	40.89 3.27 0.00	37.77 2.76 0.00
ATHENS_STG_1 23668	34.83 1.15 0.00	31.09 0.99 0.00	29.78 0.95 0.00	29.71 0.92 0.00	29.76 0.92 0.00	35.45 1.03 0.00	48.45 2.12 -0.23	61.99 2.27 0.00	53.18 2.14 0.00	44.72 1.93 0.00	43.46 1.90 -3.48	41.27 1.78 -1.53	39.40 1.73 -0.94	39.72 1.56 -5.01	38.68 1.48 -6.34	38.31 1.42 -6.63	41.12 1.54 -6.73	55.36 1.79 -15.58	72.34 2.15 -27.13	60.65 1.99 -18.90	47.89 1.79 -8.07	42.25 1.70 -2.75	39.32 1.69 0.00	36.44 1.44 0.00
ATHENS_STG_2 23670	34.83 1.15 0.00	31.09 0.99 0.00	29.78 0.95 0.00	29.71 0.92 0.00	29.76 0.92 0.00	35.45 1.03 0.00	48.45 2.12 -0.23	61.99 2.27 0.00	53.18 2.14 0.00	44.72 1.93 0.00	43.46 1.90 -3.48	41.27 1.78 -1.53	39.40 1.73 -0.94	39.72 1.56 -5.01	38.68 1.48 -6.34	38.31 1.42 -6.63	41.12 1.54 -6.73	55.36 1.79 -15.58	72.34 2.15 -27.13	60.65 1.99 -18.90	47.89 1.79 -8.07	42.25 1.70 -2.75	39.32 1.69 0.00	36.44 1.44 0.00

ATHENS_STG_3 23677	34.83 1.15 0.00	31.09 0.99 0.00	29.78 0.95 0.00	29.71 0.92 0.00	29.76 0.92 0.00	35.45 1.03 0.00	48.45 2.12 -0.23	61.99 2.27 0.00	53.18 2.14 0.00	44.72 1.93 0.00	43.46 1.90 -3.48	41.27 1.78 -1.53	39.40 1.73 -0.94	39.72 1.56 -5.01	38.68 1.48 -6.34	38.31 1.42 -6.63	41.12 1.54 -6.73	55.36 1.79 -15.58	72.34 2.15 -27.13	60.65 1.99 -18.90	47.89 1.79 -8.07	42.25 1.70 -2.75	39.32 1.69 0.00	36.44 1.44 0.00
AUBURN___LFGE 323710	34.49 0.81 0.00	30.88 0.78 0.00	29.61 0.78 0.00	29.57 0.78 0.00	29.64 0.81 0.00	35.35 0.93 0.00	47.30 1.15 -0.05	63.60 3.88 0.00	54.05 3.01 0.00	45.45 2.65 0.00	41.29 2.40 -0.81	39.71 1.40 -0.34	38.03 1.14 -0.17	35.21 0.96 -1.10	33.10 0.83 -1.41	32.44 0.70 -1.49	35.13 0.79 -1.50	42.88 1.41 -3.47	51.14 2.02 -6.05	45.81 1.83 -4.21	41.24 1.41 -1.80	39.39 0.98 -0.61	38.83 1.20 0.00	36.06 1.05 0.00
BABYLON_RES_REC 323704	36.45 2.76 0.00	32.38 2.29 0.00	30.79 1.96 0.00	30.75 1.96 0.00	30.80 1.96 0.00	37.48 3.06 0.00	51.11 4.79 -0.21	65.40 5.68 0.00	56.30 5.26 0.00	47.29 4.49 0.00	45.58 4.30 -3.20	43.56 4.21 -1.39	42.30 4.19 -1.39	41.91 3.91 -4.85	41.55 3.76 -6.93	42.98 3.66 -9.06	47.13 3.94 -10.34	63.02 4.63 -20.39	79.66 5.51 -31.09	67.58 5.05 -22.76	51.11 4.49 -8.59	46.06 4.42 -3.85	43.20 4.44 -1.14	38.75 3.75 0.00
BABYLON__69_KV_BK2 356345	36.78 3.10 0.00	32.66 2.56 0.00	31.02 2.19 0.00	30.98 2.19 0.00	31.12 2.28 0.00	37.21 2.79 0.00	51.89 5.58 -0.21	66.17 6.45 0.00	56.40 5.36 0.00	47.76 4.96 0.00	46.11 4.84 -3.20	44.06 4.74 -1.35	42.80 4.70 -1.37	42.29 4.41 -4.73	41.86 4.23 -6.78	43.36 4.21 -8.91	47.72 4.53 -10.34	63.66 5.28 -20.38	80.39 6.24 -31.08	68.25 5.73 -22.75	51.83 5.21 -8.59	46.70 5.06 -3.84	43.79 5.04 -1.13	39.21 4.20 0.00
BALL_HILL_WT_PWR 323825	34.15 0.47 0.00	30.79 0.69 0.00	29.55 0.72 0.00	29.45 0.66 0.00	29.50 0.66 0.00	35.11 0.69 0.00	46.11 -0.05 -0.06	59.18 -0.54 0.00	49.56 -1.48 0.00	41.04 -1.76 0.00	38.77 -0.19 -0.89	37.92 -0.42 -0.38	36.14 -0.77 -0.18	33.78 -0.60 -1.23	31.75 -0.68 -1.57	31.19 -0.73 -1.66	33.90 -0.63 -1.68	41.52 -0.38 -3.90	50.41 0.56 -6.79	44.98 0.48 -4.73	39.67 -0.38 -2.02	37.20 -1.29 -0.69	37.85 0.23 0.00	35.39 0.39 0.00
BARON_WINDS___WT_PWR 323822	34.39 0.71 0.00	30.94 0.84 0.00	29.70 0.86 0.00	29.60 0.81 0.00	29.67 0.84 0.00	35.35 0.93 0.00	46.86 0.69 -0.07	60.32 0.60 0.00	50.84 -0.20 0.00	42.11 -0.69 0.00	39.40 0.27 -1.06	38.38 -0.04 -0.45	36.58 -0.37 -0.22	34.34 -0.27 -1.46	32.38 -0.34 -1.87	31.87 -0.36 -1.97	34.62 -0.23 -2.00	42.90 0.27 -4.63	52.34 1.20 -8.07	46.50 1.11 -5.62	40.93 0.49 -2.40	38.31 -0.30 -0.82	38.30 0.68 0.00	35.74 0.74 0.00
BARRETT_IC_1 23704	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_10 23701	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_11 23702	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_12 23703	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_2 23705	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_3 23706	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_4 23707	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_5 23708	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_6 23709	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00

BARRETT_IC_7 23710	36.01 2.32 0.00	32.02 1.93 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.60 1.76 0.00	36.55 2.13 0.00	50.13 3.83 -0.21	64.26 4.54 0.00	54.97 3.93 0.00	46.39 3.59 0.00	44.86 3.58 -3.20	42.77 3.45 -1.35	41.55 3.45 -1.37	41.13 3.25 -4.73	40.72 3.09 -6.77	42.09 2.93 -8.90	46.26 3.09 -10.33	62.02 3.65 -20.38	78.49 4.35 -31.08	66.49 3.98 -22.75	50.19 3.58 -8.58	45.18 3.55 -3.83	42.36 3.61 -1.13	38.09 3.08 0.00
BARRETT_IC_8 23711	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT_IC_9 23700	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT___1 23545	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BARRETT___2 23546	36.01 2.32 0.00	32.05 1.96 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.51 1.67 0.00	36.83 2.41 0.00	50.09 3.78 -0.21	64.20 4.48 0.00	55.17 4.13 0.00	46.52 3.72 0.00	44.85 3.58 -3.20	42.80 3.45 -1.39	41.56 3.45 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.25 2.93 -9.06	46.31 3.12 -10.34	62.03 3.65 -20.39	78.50 4.35 -31.08	66.50 3.98 -22.76	50.24 3.62 -8.59	45.19 3.55 -3.84	42.40 3.65 -1.13	38.09 3.08 0.00
BATAVIA__115KV_TB1 55881	33.95 0.27 0.00	30.61 0.51 0.00	29.35 0.52 0.00	29.19 0.40 0.00	29.33 0.49 0.00	35.00 0.59 0.00	46.06 -0.09 -0.05	59.18 -0.54 0.00	49.82 -1.22 0.00	42.54 -0.26 0.00	39.04 0.15 -0.81	38.26 -0.04 -0.34	36.45 -0.44 -0.17	33.92 -0.33 -1.10	31.87 -0.40 -1.41	31.32 -0.42 -1.49	34.06 -0.33 -1.54	41.56 0.00 -3.57	50.14 0.86 -6.21	44.85 0.76 -4.33	39.69 -0.19 -1.85	37.52 -0.91 -0.63	37.70 0.08 0.00	35.04 0.04 0.00
BAYONEEC___CTG1 323682	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG10 323750	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG2 323683	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG3 323684	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG4 323685	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG5 323686	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG6 323687	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG7 323688	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BAYONEEC___CTG8 323689	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00

BAYONEEC___CTG9 323749	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.03 2.75 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.63	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.93 3.31 0.00	37.81 2.80 0.00
BEACON___LESR 323632	34.66 0.98 0.00	30.97 0.87 0.00	29.64 0.81 0.00	29.60 0.81 0.00	29.62 0.78 0.00	35.38 0.96 0.00	48.66 2.30 -0.26	62.23 2.51 0.00	53.44 2.40 0.00	44.89 2.10 0.00	44.00 1.87 -4.06	41.41 1.75 -1.70	39.38 1.65 -1.00	40.13 1.42 -5.55	39.17 1.27 -7.05	38.95 1.30 -7.40	41.73 1.38 -7.50	57.16 1.79 -17.38	75.38 2.07 -30.25	62.71 1.87 -21.07	48.82 1.79 -9.00	42.52 1.66 -3.07	39.24 1.62 0.00	36.41 1.40 0.00
BEAVER RIVER___HYD 24048	34.19 0.51 0.00	30.49 0.39 0.00	29.18 0.35 0.00	29.14 0.35 0.00	29.15 0.32 0.00	34.94 0.52 0.00	46.85 0.74 -0.02	60.91 1.19 0.00	52.11 1.07 0.00	43.48 0.68 0.00	38.90 0.57 -0.26	38.49 0.42 -0.11	36.67 -0.11 -0.05	33.24 -0.27 -0.35	31.06 -0.25 -0.45	30.70 -0.03 -0.48	33.27 -0.07 -0.49	39.61 0.49 -1.13	45.88 0.86 -1.96	41.89 0.75 -1.36	39.60 0.99 -0.58	38.59 0.60 -0.20	38.11 0.49 0.00	35.43 0.42 0.00
BEEBEE_GT_13 23619	33.65 -0.03 0.00	30.22 0.12 0.00	28.95 0.12 0.00	28.88 0.09 0.00	28.95 0.12 0.00	34.56 0.14 0.00	45.82 -0.32 -0.05	58.94 -0.78 0.00	49.92 -1.12 0.00	42.45 -0.34 0.00	39.06 0.23 -0.76	38.39 0.11 -0.32	36.70 -0.18 -0.15	34.01 -0.17 -1.03	31.96 -0.22 -1.32	31.40 -0.24 -1.39	34.12 -0.16 -1.44	41.43 0.11 -3.32	49.58 0.73 -5.79	44.40 0.60 -4.03	39.64 -0.11 -1.72	37.77 -0.60 -0.59	37.47 -0.15 0.00	34.83 -0.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.31 2.63 0.00	32.33 2.23 0.00	30.88 2.05 0.00	30.81 2.02 0.00	30.91 2.08 0.00	36.86 2.44 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	55.07 4.03 0.00	46.39 3.59 0.00	45.12 3.85 -3.20	43.11 3.80 -1.35	41.91 3.82 -1.36	41.43 3.55 -4.73	39.98 3.33 -5.79	39.33 3.21 -5.87	42.37 3.42 -6.11	55.98 3.84 -14.15	72.14 4.44 -24.64	60.95 4.02 -17.16	48.86 3.50 -7.33	44.11 3.82 -2.50	41.46 3.84 0.00	38.37 3.36 0.00
BETHLEHEM___GRP 23843	33.99 0.30 0.00	30.37 0.27 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.63 0.21 0.00	47.60 1.24 -0.26	60.80 1.07 0.00	52.11 1.07 0.00	43.82 1.03 0.00	43.13 0.99 -4.06	40.62 0.95 -1.72	38.65 0.92 -1.00	39.54 0.80 -5.59	38.67 0.71 -7.10	38.43 0.73 -7.45	41.14 0.79 -7.51	56.34 0.95 -17.39	74.42 1.08 -30.28	61.86 0.99 -21.10	47.99 0.95 -9.01	41.73 0.87 -3.07	38.45 0.83 0.00	35.71 0.70 0.00
BETHLEHEM___GS1 323560	33.99 0.30 0.00	30.37 0.27 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	47.60 1.25 -0.26	60.85 1.13 0.00	52.16 1.12 0.00	43.91 1.11 0.00	43.17 1.03 -4.06	40.61 0.95 -1.71	38.64 0.92 -1.00	39.51 0.79 -5.56	38.62 0.71 -7.06	38.38 0.72 -7.40	41.14 0.79 -7.51	56.34 0.95 -17.39	74.42 1.08 -30.28	61.86 0.99 -21.10	47.95 0.91 -9.01	41.74 0.87 -3.07	38.45 0.83 0.00	35.71 0.70 0.00
BETHLEHEM___GS2 323561	33.99 0.30 0.00	30.37 0.27 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	47.60 1.25 -0.26	60.85 1.13 0.00	52.16 1.12 0.00	43.91 1.11 0.00	43.17 1.03 -4.06	40.61 0.95 -1.71	38.64 0.92 -1.00	39.51 0.79 -5.56	38.62 0.71 -7.06	38.38 0.72 -7.40	41.14 0.79 -7.51	56.34 0.95 -17.39	74.42 1.08 -30.28	61.86 0.99 -21.10	47.95 0.91 -9.01	41.74 0.87 -3.07	38.45 0.83 0.00	35.71 0.70 0.00
BETHLEHEM___GS3 323562	33.99 0.30 0.00	30.37 0.27 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	47.60 1.25 -0.26	60.85 1.13 0.00	52.16 1.12 0.00	43.91 1.11 0.00	43.17 1.03 -4.06	40.61 0.95 -1.71	38.64 0.92 -1.00	39.51 0.79 -5.56	38.62 0.71 -7.06	38.38 0.72 -7.40	41.14 0.79 -7.51	56.34 0.95 -17.39	74.42 1.08 -30.28	61.86 0.99 -21.10	47.95 0.91 -9.01	41.74 0.87 -3.07	38.45 0.83 0.00	35.71 0.70 0.00
BETHLEHEM___STEEL 23779	33.95 0.27 0.00	30.58 0.48 0.00	29.35 0.52 0.00	29.25 0.46 0.00	29.36 0.52 0.00	35.07 0.65 0.00	45.65 -0.51 -0.06	58.47 -1.25 0.00	49.15 -1.89 0.00	42.15 -0.64 0.00	38.46 -0.49 -0.88	37.65 -0.68 -0.37	35.88 -1.03 -0.18	33.51 -0.83 -1.19	31.48 -0.89 -1.52	30.95 -0.91 -1.61	33.65 -0.85 -1.66	41.15 -0.68 -3.84	49.92 0.17 -6.68	44.55 0.12 -4.66	39.22 -0.80 -1.99	36.92 -1.55 -0.68	37.59 -0.04 0.00	35.11 0.11 0.00
BETHLHEM_115KV_TB1 79974	34.15 0.47 0.00	30.52 0.42 0.00	29.21 0.37 0.00	29.14 0.35 0.00	29.18 0.35 0.00	34.80 0.38 0.00	47.74 1.38 -0.26	61.03 1.31 0.00	52.32 1.28 0.00	43.99 1.20 0.00	43.28 1.14 -4.06	40.77 1.10 -1.72	38.76 1.03 -1.00	39.67 0.93 -5.59	38.82 0.86 -7.10	38.55 0.85 -7.45	41.27 0.92 -7.50	56.47 1.10 -17.38	74.56 1.25 -30.25	62.00 1.15 -21.07	48.13 1.10 -9.00	41.88 1.02 -3.07	38.60 0.98 0.00	35.85 0.84 0.00
BETHPAGE_CC_5 323564	36.28 2.59 0.00	32.27 2.17 0.00	30.74 1.90 0.00	30.66 1.87 0.00	30.71 1.87 0.00	37.21 2.79 0.00	50.60 4.29 -0.21	64.79 5.07 0.00	55.79 4.75 0.00	46.99 4.20 0.00	45.24 3.96 -3.20	43.26 3.91 -1.39	42.01 3.89 -1.39	41.65 3.65 -4.85	41.24 3.46 -6.93	42.67 3.36 -9.06	46.74 3.55 -10.34	62.49 4.10 -20.39	79.01 4.86 -31.09	66.98 4.45 -22.76	50.62 3.99 -8.59	45.60 3.97 -3.85	42.82 4.06 -1.14	38.54 3.53 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.05 0.37 0.00	30.67 0.57 0.00	29.44 0.61 0.00	29.34 0.55 0.00	29.44 0.61 0.00	35.18 0.76 0.00	45.79 -0.37 -0.06	58.76 -0.96 0.00	49.36 -1.68 0.00	42.28 -0.51 0.00	38.46 -0.49 -0.88	37.65 -0.68 -0.37	35.84 -1.07 -0.18	33.52 -0.83 -1.19	31.49 -0.89 -1.53	30.93 -0.94 -1.62	33.66 -0.85 -1.67	41.18 -0.68 -3.86	50.00 0.22 -6.73	44.61 0.16 -4.69	39.27 -0.76 -2.00	36.92 -1.55 -0.68	37.74 0.11 0.00	35.22 0.21 0.00
BINGHAMTON___COGEN 23790	34.52 0.84 0.00	30.91 0.81 0.00	29.67 0.84 0.00	29.60 0.81 0.00	29.67 0.84 0.00	35.38 0.96 0.00	47.52 1.34 -0.09	61.33 1.61 0.00	52.11 1.07 0.00	43.87 1.07 0.00	40.52 1.07 -1.38	39.41 0.87 -0.58	37.71 0.70 -0.28	35.65 0.63 -1.86	33.80 0.56 -2.39	33.29 0.51 -2.53	36.11 0.66 -2.60	45.09 1.06 -6.03	55.24 1.68 -10.50	48.59 1.51 -7.31	42.30 1.14 -3.12	39.61 0.76 -1.07	38.71 1.09 0.00	35.95 0.95 0.00
BIXINCNT_115KV_LOAD 355685	34.42 0.74 0.00	30.97 0.87 0.00	29.78 0.95 0.00	29.68 0.89 0.00	29.79 0.95 0.00	35.66 1.24 0.00	46.48 0.32 -0.06	59.84 0.12 0.00	50.02 -1.02 0.00	42.62 -0.17 0.00	38.26 -0.72 -0.91	37.39 -0.95 -0.38	35.52 -1.40 -0.19	33.25 -1.13 -1.23	31.26 -1.17 -1.57	30.59 -1.33 -1.66	33.38 -1.18 -1.71	41.13 -0.84 -3.97	50.41 0.43 -6.92	45.03 0.44 -4.82	39.60 -0.49 -2.06	37.17 -1.32 -0.70	38.19 0.56 0.00	35.64 0.63 0.00

BLACK RIVER___HYD 24047	34.49 0.81 0.00	30.76 0.66 0.00	29.44 0.61 0.00	29.42 0.63 0.00	29.44 0.61 0.00	35.31 0.89 0.00	47.37 1.25 -0.02	61.45 1.73 0.00	52.37 1.32 0.00	43.61 0.81 0.00	39.28 0.84 -0.37	38.76 0.64 -0.16	36.88 0.07 -0.08	33.62 -0.03 -0.50	31.47 -0.03 -0.65	31.12 0.18 -0.68	33.74 0.20 -0.69	40.55 0.95 -1.61	47.41 1.55 -2.80	43.11 1.39 -1.95	40.39 1.52 -0.83	39.06 0.98 -0.28	38.45 0.83 0.00	35.71 0.70 0.00
BLACKRVR_115KV_TB2 79977	34.49 0.81 0.00	30.76 0.66 0.00	29.44 0.61 0.00	29.42 0.63 0.00	29.44 0.61 0.00	35.31 0.89 0.00	47.37 1.24 -0.02	61.45 1.73 0.00	52.32 1.28 0.00	43.69 0.90 0.00	39.24 0.80 -0.37	38.76 0.65 -0.16	36.88 0.07 -0.07	33.62 -0.03 -0.50	31.46 -0.03 -0.64	31.11 0.18 -0.67	33.74 0.20 -0.69	40.55 0.95 -1.61	47.41 1.55 -2.80	43.11 1.39 -1.95	40.27 1.41 -0.83	39.06 0.98 -0.28	38.45 0.83 0.00	35.71 0.70 0.00
BLISS_WT_PWR 323608	34.42 0.74 0.00	31.00 0.90 0.00	29.81 0.98 0.00	29.68 0.89 0.00	29.76 0.92 0.00	35.49 1.07 0.00	46.52 0.37 -0.06	59.90 0.18 0.00	49.97 -1.07 0.00	40.74 -2.05 0.00	38.26 -0.72 -0.91	37.36 -0.99 -0.39	35.41 -1.51 -0.19	33.24 -1.16 -1.25	31.22 -1.24 -1.60	30.52 -1.42 -1.69	33.31 -1.25 -1.71	41.10 -0.87 -3.97	50.41 0.43 -6.92	45.07 0.48 -4.82	39.75 -0.34 -2.06	37.13 -1.36 -0.70	38.15 0.53 0.00	35.67 0.66 0.00
BLUESTONE___WT_PWR 323821	36.58 2.90 0.00	32.69 2.59 0.00	31.34 2.51 0.00	31.33 2.53 0.00	31.40 2.57 0.00	37.55 3.13 0.00	50.75 4.56 -0.09	65.69 5.97 0.00	55.27 4.23 0.00	45.96 3.17 0.00	42.79 3.31 -1.41	41.56 3.00 -0.61	39.41 2.39 -0.29	37.21 2.12 -1.94	35.28 1.95 -2.48	34.85 1.97 -2.63	38.10 2.59 -2.66	47.85 3.68 -6.17	58.62 4.82 -10.74	51.63 4.37 -7.48	45.41 4.18 -3.19	42.21 3.33 -1.09	41.05 3.42 0.00	38.02 3.01 0.00
BLUE_CIRC_CHEM_DRP 24182	34.76 1.08 0.00	31.06 0.96 0.00	29.76 0.92 0.00	29.68 0.89 0.00	29.70 0.87 0.00	35.42 1.00 0.00	48.47 2.12 -0.26	61.99 2.27 0.00	53.08 2.04 0.00	44.59 1.80 0.00	43.77 1.71 -3.98	41.31 1.67 -1.68	39.24 1.54 -0.97	40.02 1.39 -5.48	39.08 1.27 -6.96	38.83 1.27 -7.31	41.56 1.35 -7.36	56.69 1.63 -17.06	74.66 1.89 -29.70	62.21 1.75 -20.69	48.54 1.67 -8.83	42.39 1.59 -3.01	39.20 1.58 0.00	36.41 1.40 0.00
BOC_GAS_DRP 24189	34.59 0.91 0.00	30.91 0.81 0.00	29.61 0.78 0.00	29.54 0.75 0.00	29.56 0.72 0.00	35.25 0.83 0.00	48.20 1.84 -0.26	61.63 1.91 0.00	52.73 1.68 0.00	44.34 1.54 0.00	43.60 1.48 -4.04	41.15 1.48 -1.71	39.12 1.40 -0.99	40.01 1.29 -5.57	39.13 1.20 -7.07	38.85 1.18 -7.42	41.55 1.25 -7.46	56.75 1.48 -17.28	74.86 1.72 -30.08	62.31 1.59 -20.95	48.46 1.48 -8.94	42.24 1.40 -3.05	39.01 1.39 0.00	36.20 1.19 0.00
BOONVILLE_115KV_TB1 79983	34.79 1.11 0.00	31.06 0.96 0.00	29.73 0.89 0.00	29.71 0.92 0.00	29.76 0.92 0.00	35.66 1.24 0.00	47.86 1.75 -0.01	61.87 2.15 0.00	52.83 1.79 0.00	44.25 1.46 0.00	39.65 1.37 -0.20	39.30 1.25 -0.09	37.58 0.81 -0.04	34.06 0.63 -0.28	31.86 0.65 -0.35	31.35 0.73 -0.38	33.99 0.76 -0.39	40.18 1.29 -0.90	46.35 1.72 -1.56	42.41 1.55 -1.09	40.02 1.52 -0.46	39.20 1.25 -0.16	38.79 1.17 0.00	35.99 0.98 0.00
BORALEX_4TH_BRANCH 23824	35.50 1.82 0.00	31.78 1.69 0.00	30.36 1.53 0.00	30.29 1.50 0.00	30.37 1.53 0.00	36.35 1.93 0.00	50.09 3.73 -0.26	63.54 3.82 0.00	54.51 3.47 0.00	45.83 3.04 0.00	44.85 2.78 -4.00	42.46 2.81 -1.69	40.39 2.64 -1.01	41.06 2.39 -5.52	40.11 2.25 -7.00	39.83 2.24 -7.34	42.69 2.43 -7.42	58.03 2.85 -17.18	76.08 3.10 -29.92	63.56 2.94 -20.84	49.63 2.70 -8.90	43.44 2.61 -3.04	40.11 2.48 0.00	37.32 2.31 0.00
BOWLINE___1 23526	35.00 1.31 0.00	31.27 1.17 0.00	29.96 1.12 0.00	29.88 1.09 0.00	29.87 1.04 0.00	35.69 1.27 0.00	48.96 2.67 -0.19	62.82 3.10 0.00	53.80 2.75 0.00	45.15 2.35 0.00	43.45 2.44 -2.93	41.54 2.32 -1.27	38.57 2.24 0.40	38.75 2.09 -3.51	37.70 1.98 -4.87	37.65 1.88 -5.52	40.48 2.04 -5.59	53.50 2.55 -12.96	68.73 3.10 -22.56	58.35 2.87 -15.72	47.25 2.51 -6.71	42.43 2.34 -2.29	39.96 2.33 0.00	36.89 1.89 0.00
BOWLINE___2 23595	35.06 1.38 0.00	31.33 1.23 0.00	29.99 1.15 0.00	29.91 1.12 0.00	29.93 1.10 0.00	35.76 1.34 0.00	49.06 2.77 -0.19	62.94 3.22 0.00	53.90 2.86 0.00	45.23 2.44 0.00	43.48 2.47 -2.93	41.62 2.39 -1.27	38.64 2.32 0.40	38.81 2.15 -3.51	37.76 2.04 -4.87	37.68 1.91 -5.52	40.54 2.10 -5.59	53.54 2.59 -12.96	68.81 3.19 -22.56	58.39 2.90 -15.72	47.33 2.59 -6.71	42.46 2.38 -2.29	40.03 2.41 0.00	36.96 1.96 0.00
BRADY___115KV_TB2 356060	34.83 1.15 0.00	31.03 0.93 0.00	29.67 0.84 0.00	29.60 0.81 0.00	29.44 0.61 0.00	35.35 0.93 0.00	47.26 1.15 -0.01	61.75 2.03 0.00	53.24 2.19 0.00	44.51 1.71 0.00	39.40 1.22 -0.10	38.88 0.87 -0.04	37.01 0.26 -0.02	33.26 -0.03 -0.14	31.16 0.12 -0.18	30.63 0.18 -0.19	33.31 0.26 -0.20	39.10 0.65 -0.46	44.55 0.69 -0.79	41.04 0.72 -0.55	39.33 1.06 -0.24	39.01 1.13 -0.08	38.83 1.20 0.00	36.13 1.12 0.00
BRANSCOMB___SOLAR 323811	35.03 1.35 0.00	31.30 1.21 0.00	29.96 1.12 0.00	29.91 1.12 0.00	29.93 1.10 0.00	35.80 1.38 0.00	49.18 2.81 -0.27	63.06 3.34 0.00	54.00 2.96 0.00	45.36 2.57 0.00	44.59 2.32 -4.19	41.84 2.12 -1.76	39.73 1.98 -1.01	40.60 1.72 -5.73	39.61 1.48 -7.27	39.40 1.51 -7.63	42.29 1.71 -7.74	58.13 2.20 -17.93	76.87 2.58 -31.22	63.91 2.39 -21.75	49.56 2.24 -9.29	43.11 2.15 -3.17	39.65 2.03 0.00	36.79 1.78 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.58 2.90 0.00	32.45 2.35 0.00	30.82 1.99 0.00	30.81 2.02 0.00	30.94 2.11 0.00	37.00 2.58 0.00	51.57 5.25 -0.21	65.75 6.03 0.00	55.99 4.95 0.00	47.46 4.66 0.00	45.89 4.61 -3.20	43.79 4.48 -1.35	42.58 4.48 -1.37	42.13 4.24 -4.73	41.71 4.07 -6.78	43.18 4.02 -8.91	47.49 4.30 -10.34	63.40 5.02 -20.39	80.05 5.90 -31.09	67.90 5.37 -22.76	51.50 4.87 -8.59	46.40 4.76 -3.85	43.53 4.78 -1.13	39.00 3.99 0.00
BRISTLHL_115KV_TB1 79998	33.55 -0.13 0.00	30.01 -0.09 0.00	28.78 -0.06 0.00	28.70 -0.09 0.00	28.78 -0.06 0.00	34.32 -0.10 0.00	45.72 -0.41 -0.04	58.76 -0.96 0.00	50.12 -0.92 0.00	42.11 -0.68 0.00	38.20 -0.46 -0.58	37.67 -0.53 -0.24	36.22 -0.62 -0.12	33.37 -0.56 -0.78	31.33 -0.52 -1.00	30.80 -0.51 -1.06	33.38 -0.56 -1.09	40.07 -0.46 -2.53	47.21 -0.26 -4.41	42.56 -0.28 -3.07	38.89 -0.46 -1.31	37.56 -0.68 -0.45	37.06 -0.56 0.00	34.59 -0.42 0.00
BROOKHAVEN___DRP 24191	36.98 3.30 0.00	32.66 2.56 0.00	30.91 2.08 0.00	30.92 2.13 0.00	31.09 2.25 0.00	37.10 2.68 0.00	53.46 7.14 -0.22	66.89 7.17 0.00	56.81 5.77 0.00	48.45 5.65 0.00	46.84 5.56 -3.21	44.66 5.35 -1.35	43.31 5.22 -1.37	42.82 4.94 -4.73	42.51 4.88 -6.78	44.21 5.05 -8.91	48.60 5.42 -10.34	64.58 6.19 -20.39	81.38 7.23 -31.08	69.01 6.48 -22.76	52.56 5.93 -8.59	47.53 5.90 -3.84	44.62 5.87 -1.13	39.56 4.55 0.00

BROOKLYN_NAVY_YARD 23515	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.43 1.64 0.00	30.48 1.64 0.00	36.52 2.10 0.00	50.00 3.69 -0.21	64.20 4.48 0.00	55.07 4.03 0.00	46.39 3.60 0.00	44.82 3.54 -3.20	42.80 3.45 -1.39	41.52 3.42 -1.38	41.14 3.15 -4.84	39.75 2.96 -5.93	39.09 2.81 -6.02	42.01 3.06 -6.11	55.68 3.53 -14.15	71.92 4.22 -24.63	60.75 3.82 -17.16	48.74 3.38 -7.33	43.65 3.36 -2.50	41.01 3.39 0.00	37.88 2.87 0.00
BROOKLYN___ARMY_DRP 323595	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
BROOKVLE_69_KV_TB1 55790	36.31 2.63 0.00	32.27 2.17 0.00	30.76 1.93 0.00	30.72 1.93 0.00	30.83 1.99 0.00	36.83 2.41 0.00	50.78 4.47 -0.21	65.21 5.49 0.00	55.79 4.75 0.00	47.08 4.28 0.00	45.47 4.19 -3.20	43.37 4.06 -1.35	42.14 4.04 -1.37	41.63 3.75 -4.73	41.15 3.52 -6.78	42.55 3.39 -8.91	46.86 3.68 -10.33	62.71 4.33 -20.38	79.31 5.17 -31.08	67.25 4.73 -22.75	50.88 4.26 -8.58	45.75 4.12 -3.84	42.85 4.10 -1.13	38.51 3.50 0.00
BROOME_2_LFGE 323671	34.53 0.84 0.00	30.94 0.84 0.00	29.67 0.84 0.00	29.60 0.81 0.00	29.67 0.84 0.00	35.35 0.93 0.00	47.52 1.34 -0.09	61.33 1.61 0.00	52.16 1.12 0.00	43.52 0.73 0.00	40.52 1.06 -1.38	39.42 0.87 -0.59	37.71 0.70 -0.29	35.68 0.63 -1.89	33.84 0.56 -2.43	33.33 0.51 -2.57	36.11 0.66 -2.60	45.09 1.06 -6.03	55.24 1.68 -10.50	48.59 1.51 -7.31	42.34 1.18 -3.12	39.57 0.72 -1.07	38.67 1.05 0.00	35.95 0.95 0.00
BROOME___LFGE 323600	34.53 0.84 0.00	30.94 0.84 0.00	29.67 0.84 0.00	29.60 0.81 0.00	29.67 0.84 0.00	35.35 0.93 0.00	47.52 1.34 -0.09	61.33 1.61 0.00	52.16 1.12 0.00	43.52 0.73 0.00	40.52 1.06 -1.38	39.42 0.87 -0.59	37.71 0.70 -0.29	35.68 0.63 -1.89	33.84 0.56 -2.43	33.33 0.51 -2.57	36.11 0.66 -2.60	45.09 1.06 -6.03	55.24 1.68 -10.50	48.59 1.51 -7.31	42.34 1.18 -3.12	39.57 0.72 -1.07	38.67 1.05 0.00	35.95 0.95 0.00
BROWNFLS_115KV_TB_3_5 80003	33.82 0.13 0.00	30.16 0.06 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.69 -0.14 0.00	34.35 -0.07 0.00	45.97 -0.14 -0.01	59.96 0.24 0.00	51.50 0.46 0.00	43.14 0.34 0.00	38.41 0.15 -0.18	37.96 -0.08 -0.08	36.25 -0.51 -0.04	32.70 -0.70 -0.25	30.56 -0.62 -0.32	30.10 -0.48 -0.34	32.67 -0.53 -0.35	38.53 -0.27 -0.80	44.20 -0.26 -1.40	40.50 -0.24 -0.97	38.45 0.00 -0.41	37.93 0.00 -0.14	37.62 0.00 0.00	35.04 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	36.07 2.39 0.00	32.11 2.02 0.00	30.71 1.87 0.00	30.60 1.81 0.00	30.74 1.90 0.00	36.62 2.20 0.00	50.27 3.96 -0.21	64.50 4.78 0.00	55.28 4.24 0.00	46.52 3.72 0.00	45.08 3.81 -3.20	43.03 3.72 -1.35	41.73 3.64 -1.36	41.23 3.35 -4.73	39.80 3.15 -5.79	39.12 3.00 -5.87	42.21 3.25 -6.11	55.95 3.80 -14.15	72.22 4.52 -24.63	61.07 4.14 -17.16	49.01 3.65 -7.33	43.88 3.59 -2.50	41.23 3.61 0.00	38.09 3.08 0.00
BURROWS___LYONSDAL 23803	34.69 1.01 0.00	30.97 0.87 0.00	29.64 0.81 0.00	29.60 0.81 0.00	29.64 0.81 0.00	35.52 1.10 0.00	47.68 1.57 -0.01	61.69 1.97 0.00	52.67 1.63 0.00	44.12 1.33 0.00	39.51 1.22 -0.21	39.15 1.10 -0.09	37.43 0.66 -0.04	33.87 0.43 -0.29	31.69 0.46 -0.37	31.25 0.61 -0.39	33.84 0.59 -0.41	40.11 1.18 -0.94	46.30 1.59 -1.64	42.34 1.43 -1.14	39.93 1.41 -0.49	39.13 1.17 -0.17	38.68 1.05 0.00	35.88 0.88 0.00
CAITHNESS_CC_1 323624	36.95 3.27 0.00	32.63 2.53 0.00	30.91 2.08 0.00	30.89 2.10 0.00	30.94 2.10 0.00	39.38 4.96 0.00	53.32 7.00 -0.22	66.70 6.98 0.00	58.55 7.51 0.00	48.66 5.86 0.00	46.84 5.56 -3.21	44.66 5.31 -1.39	43.30 5.18 -1.39	42.94 4.94 -4.85	42.66 4.87 -6.93	44.34 5.02 -9.06	48.55 5.36 -10.35	64.51 6.12 -20.39	81.31 7.15 -31.09	68.94 6.40 -22.76	52.34 5.70 -8.60	47.46 5.82 -3.85	44.59 5.83 -1.14	39.52 4.52 0.00
CALPINE BETH_PAGE_GT4 24209	36.28 2.59 0.00	32.27 2.17 0.00	30.74 1.90 0.00	30.69 1.90 0.00	30.80 1.96 0.00	36.83 2.41 0.00	50.69 4.38 -0.21	65.04 5.32 0.00	55.58 4.54 0.00	46.95 4.15 0.00	45.31 4.04 -3.20	43.26 3.95 -1.35	42.03 3.93 -1.37	41.56 3.68 -4.73	41.12 3.49 -6.78	42.55 3.39 -8.91	46.73 3.55 -10.33	62.52 4.14 -20.38	79.05 4.91 -31.08	67.01 4.49 -22.75	50.65 4.03 -8.59	45.60 3.97 -3.84	42.81 4.06 -1.13	38.51 3.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.28 2.59 0.00	32.29 2.20 0.00	30.74 1.90 0.00	30.69 1.90 0.00	30.71 1.87 0.00	37.21 2.79 0.00	50.69 4.38 -0.21	64.98 5.26 0.00	55.89 4.85 0.00	47.04 4.24 0.00	45.31 4.03 -3.20	43.29 3.95 -1.39	42.05 3.93 -1.39	41.68 3.68 -4.85	41.27 3.49 -6.93	42.70 3.39 -9.06	46.74 3.55 -10.34	62.53 4.14 -20.39	79.06 4.91 -31.09	67.02 4.49 -22.76	50.66 4.03 -8.59	45.60 3.97 -3.85	42.86 4.10 -1.14	38.51 3.50 0.00
CALPINE_BP_GT1 23823	36.28 2.59 0.00	32.29 2.20 0.00	30.74 1.90 0.00	30.69 1.90 0.00	30.71 1.87 0.00	37.21 2.79 0.00	50.69 4.38 -0.21	64.98 5.26 0.00	55.89 4.85 0.00	47.04 4.24 0.00	45.31 4.03 -3.20	43.29 3.95 -1.39	42.05 3.93 -1.39	41.68 3.68 -4.85	41.27 3.49 -6.93	42.70 3.39 -9.06	46.74 3.55 -10.34	62.53 4.14 -20.39	79.06 4.91 -31.09	67.02 4.49 -22.76	50.66 4.03 -8.59	45.60 3.97 -3.85	42.86 4.10 -1.14	38.51 3.50 0.00
CALSPAN___DRP 24200	33.95 0.27 0.00	30.58 0.48 0.00	29.35 0.52 0.00	29.25 0.46 0.00	29.36 0.52 0.00	35.07 0.65 0.00	45.65 -0.51 -0.06	58.47 -1.25 0.00	49.15 -1.89 0.00	42.15 -0.64 0.00	38.46 -0.49 -0.88	37.65 -0.68 -0.37	35.88 -1.03 -0.18	33.51 -0.83 -1.19	31.48 -0.89 -1.52	30.95 -0.91 -1.61	33.65 -0.85 -1.66	41.15 -0.68 -3.84	49.92 0.17 -6.68	44.55 0.12 -4.66	39.22 -0.80 -1.99	36.92 -1.55 -0.68	37.59 -0.04 0.00	35.11 0.11 0.00
CALVERTON___SOLAR 323806	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.00 2.16 0.00	39.62 5.20 0.00	53.69 7.37 -0.22	66.94 7.22 0.00	59.00 7.96 0.00	48.79 5.99 0.00	46.95 5.67 -3.21	44.77 5.43 -1.39	43.41 5.29 -1.39	43.01 5.01 -4.85	42.75 4.97 -6.93	44.46 5.14 -9.06	48.71 5.52 -10.35	64.74 6.35 -20.39	81.56 7.41 -31.09	69.18 6.64 -22.76	52.60 5.97 -8.60	47.65 6.01 -3.85	44.74 5.98 -1.14	39.63 4.62 0.00
CANDIGU_WT_PWR 323617	34.39 0.71 0.00	30.94 0.84 0.00	29.70 0.86 0.00	29.60 0.81 0.00	29.67 0.84 0.00	35.35 0.93 0.00	46.86 0.69 -0.07	60.32 0.60 0.00	50.84 -0.20 0.00	42.11 -0.69 0.00	39.40 0.27 -1.06	38.38 -0.04 -0.45	36.58 -0.37 -0.22	34.34 -0.27 -1.46	32.38 -0.34 -1.87	31.87 -0.36 -1.97	34.62 -0.23 -2.00	42.90 0.27 -4.63	52.34 1.20 -8.07	46.50 1.11 -5.62	40.93 0.49 -2.40	38.31 -0.30 -0.82	38.30 0.68 0.00	35.74 0.74 0.00

CARR STREET_E_SYR 24060	33.82 0.14 0.00	30.28 0.18 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.04 0.20 0.00	34.49 0.07 0.00	45.91 -0.23 -0.04	59.18 -0.54 0.00	50.48 -0.56 0.00	42.28 -0.51 0.00	38.62 -0.11 -0.66	38.02 -0.23 -0.28	36.54 -0.33 -0.14	33.77 -0.30 -0.91	31.81 -0.21 -1.17	31.31 -0.18 -1.24	33.77 -0.33 -1.25	40.79 -0.11 -2.91	48.25 0.13 -5.06	43.37 0.08 -3.52	39.42 -0.11 -1.50	37.85 -0.45 -0.51	37.32 -0.30 0.00	34.80 -0.21 0.00
CARTHAGE___PAPER 23857	34.22 0.54 0.00	30.52 0.42 0.00	29.21 0.37 0.00	29.16 0.37 0.00	29.21 0.37 0.00	35.00 0.58 0.00	46.99 0.87 -0.02	61.10 1.37 0.00	52.16 1.12 0.00	43.44 0.64 0.00	38.97 0.57 -0.32	38.48 0.38 -0.14	36.69 -0.11 -0.07	33.37 -0.23 -0.45	31.21 -0.21 -0.57	30.86 0.00 -0.60	33.49 0.03 -0.61	40.06 0.65 -1.42	46.61 1.08 -2.47	42.49 0.99 -1.72	39.95 1.18 -0.74	38.80 0.76 -0.25	38.22 0.60 0.00	35.50 0.49 0.00
CASSADAGA_WT_PWR 323784	35.06 1.38 0.00	31.63 1.53 0.00	30.36 1.53 0.00	30.23 1.44 0.00	30.25 1.41 0.00	36.07 1.65 0.00	47.49 1.34 -0.06	61.21 1.49 0.00	51.14 0.10 0.00	42.03 -0.77 0.00	39.59 0.61 -0.91	38.65 0.30 -0.39	36.77 -0.15 -0.19	34.40 0.00 -1.25	32.24 -0.21 -1.60	31.67 -0.27 -1.69	34.43 -0.13 -1.71	42.26 0.30 -3.97	51.52 1.55 -6.90	45.97 1.39 -4.81	40.66 0.57 -2.05	38.00 -0.49 -0.70	38.75 1.13 0.00	36.23 1.22 0.00
CE_DUNWOOD___DRP 24194	35.60 1.92 0.00	31.72 1.63 0.00	30.36 1.53 0.00	30.29 1.50 0.00	30.39 1.56 0.00	36.21 1.79 0.00	49.72 3.41 -0.21	63.78 4.06 0.00	54.61 3.57 0.00	45.96 3.17 0.00	44.47 3.20 -3.20	42.42 3.11 -1.35	41.20 3.05 -1.42	40.73 2.82 -4.76	39.32 2.65 -5.81	38.63 2.51 -5.87	41.67 2.73 -6.10	55.32 3.19 -14.13	71.50 3.83 -24.60	60.45 3.54 -17.14	48.47 3.12 -7.32	43.31 3.02 -2.50	40.63 3.01 0.00	37.56 2.56 0.00
CE_MILLWOOD___DRP 24193	35.54 1.85 0.00	31.69 1.60 0.00	30.30 1.47 0.00	30.23 1.44 0.00	30.34 1.50 0.00	36.14 1.72 0.00	49.63 3.32 -0.21	63.66 3.94 0.00	54.51 3.47 0.00	45.83 3.04 0.00	44.34 3.08 -3.18	42.30 3.00 -1.34	43.87 2.94 -4.20	42.11 2.69 -6.27	40.10 2.53 -6.72	38.51 2.42 -5.83	41.54 2.63 -6.06	55.16 3.12 -14.05	71.27 3.75 -24.46	60.23 3.42 -17.04	48.35 3.04 -7.27	43.22 2.95 -2.48	40.52 2.90 0.00	37.49 2.49 0.00
CE_NYC2_DRP 24202	35.97 2.29 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.68 1.85 0.00	36.55 2.13 0.00	49.77 3.46 -0.21	63.78 4.06 0.00	54.72 3.67 0.00	46.09 3.30 0.00	44.82 3.54 -3.20	42.80 3.49 -1.35	41.58 3.49 -1.36	41.09 3.22 -4.73	39.64 2.99 -5.79	39.00 2.87 -5.87	42.07 3.12 -6.11	55.68 3.53 -14.15	71.70 4.00 -24.64	60.55 3.62 -17.16	48.55 3.19 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.95 2.94 0.00
CE_NYC_DRP 24195	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.47 3.38 -1.36	41.00 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	41.98 3.02 -6.11	55.64 3.50 -14.15	71.88 4.18 -24.63	60.75 3.82 -17.16	48.71 3.35 -7.33	43.62 3.33 -2.50	40.93 3.31 0.00	37.84 2.84 0.00
CHAFFEE___LFGE 323603	33.99 0.30 0.00	30.61 0.51 0.00	29.41 0.58 0.00	29.31 0.52 0.00	29.33 0.49 0.00	34.94 0.52 0.00	45.78 -0.37 -0.06	58.83 -0.89 0.00	49.25 -1.79 0.00	40.74 -2.05 0.00	38.55 -0.42 -0.89	37.70 -0.65 -0.38	35.89 -1.03 -0.19	33.58 -0.80 -1.23	31.57 -0.86 -1.57	31.04 -0.88 -1.66	33.74 -0.79 -1.69	41.29 -0.61 -3.91	50.17 0.30 -6.80	44.71 0.20 -4.74	39.45 -0.61 -2.02	36.90 -1.59 -0.69	37.62 0.00 0.00	35.18 0.18 0.00
CHATEAUG_35_KV_LOAD 355732	33.92 0.24 0.00	30.16 0.06 0.00	28.80 -0.03 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.73 0.31 0.00	45.91 -0.18 0.00	60.02 0.30 0.00	51.35 0.31 0.00	42.92 0.13 0.00	38.11 0.04 0.00	37.96 0.00 0.00	36.80 0.07 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.31 0.06 0.00	32.98 0.13 0.00	38.15 0.15 0.00	42.50 -0.56 0.00	39.53 -0.24 0.00	38.15 0.11 0.00	37.98 0.19 0.00	37.59 -0.04 0.00	34.94 -0.07 0.00
CHATEAUG_WT_PWR 323614	33.92 0.24 0.00	30.10 0.00 0.00	28.83 0.00 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.76 0.34 0.00	45.87 -0.23 0.00	59.84 0.12 0.00	51.04 0.00 0.00	43.05 0.26 0.00	38.15 0.08 0.00	37.96 0.00 0.00	36.84 0.11 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.28 0.03 0.00	32.98 0.13 0.00	38.11 0.11 0.00	42.42 -0.64 0.00	39.49 -0.28 0.00	38.07 0.04 0.00	38.02 0.23 0.00	37.62 0.00 0.00	34.97 -0.03 0.00
CHAT_HIGH_FALL_HYD 323578	33.92 0.24 0.00	30.10 0.00 0.00	28.80 -0.03 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.73 0.31 0.00	45.91 -0.18 0.00	60.02 0.30 0.00	51.19 0.15 0.00	43.14 0.34 0.00	38.11 0.04 0.00	37.96 0.00 0.00	36.80 0.07 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.31 0.06 0.00	32.98 0.13 0.00	38.15 0.15 0.00	42.50 -0.56 0.00	39.53 -0.24 0.00	38.07 0.04 0.00	38.02 0.23 0.00	37.59 -0.04 0.00	34.94 -0.07 0.00
CHAUTAUQUA___LFGE 323629	34.56 0.87 0.00	31.18 1.08 0.00	29.93 1.10 0.00	29.83 1.03 0.00	29.85 1.01 0.00	35.55 1.13 0.00	46.71 0.56 -0.06	60.08 0.36 0.00	50.28 -0.76 0.00	41.60 -1.20 0.00	39.27 0.30 -0.90	38.38 0.04 -0.39	36.55 -0.37 -0.19	34.19 -0.20 -1.23	32.07 -0.37 -1.58	31.53 -0.39 -1.67	34.25 -0.30 -1.70	41.96 0.04 -3.93	51.02 1.12 -6.84	45.49 0.95 -4.76	40.18 0.11 -2.03	37.62 -0.87 -0.69	38.26 0.64 0.00	35.77 0.77 0.00
CHERRYST_13_KV_LD 356241	35.94 2.26 0.00	31.99 1.90 0.00	30.59 1.76 0.00	30.52 1.73 0.00	30.65 1.82 0.00	36.52 2.10 0.00	50.13 3.83 -0.21	64.32 4.60 0.00	55.12 4.08 0.00	46.39 3.59 0.00	44.93 3.66 -3.20	42.92 3.61 -1.35	41.62 3.53 -1.36	41.13 3.25 -4.73	39.70 3.05 -5.79	39.03 2.90 -5.87	42.11 3.15 -6.11	55.79 3.65 -14.15	72.05 4.35 -24.63	60.87 3.94 -17.16	48.82 3.46 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.95 2.94 0.00
CHESTROR_138KV_BK263 355645	35.16 1.48 0.00	31.39 1.29 0.00	30.04 1.21 0.00	29.97 1.18 0.00	30.05 1.21 0.00	35.76 1.34 0.00	49.01 2.72 -0.19	62.95 3.22 0.00	53.75 2.71 0.00	45.11 2.31 0.00	43.36 2.44 -2.85	41.48 2.32 -1.20	38.87 2.24 0.09	38.69 2.06 -3.48	37.51 1.94 -4.71	37.33 1.85 -5.23	40.32 2.04 -5.44	53.10 2.51 -12.59	68.09 3.10 -21.92	57.87 2.82 -15.27	47.06 2.51 -6.52	42.36 2.34 -2.23	39.96 2.33 0.00	36.97 1.96 0.00
CH_MIDHUDSON___DRP 24192	35.54 1.85 0.00	31.69 1.60 0.00	30.30 1.47 0.00	30.23 1.44 0.00	30.31 1.47 0.00	36.07 1.65 0.00	49.54 3.23 -0.22	63.48 3.76 0.00	54.41 3.37 0.00	45.66 2.87 0.00	44.22 2.89 -3.26	42.14 2.81 -1.38	40.33 2.72 -0.88	40.17 2.49 -4.53	38.89 2.31 -5.72	38.44 2.21 -5.97	41.49 2.43 -6.21	55.31 2.93 -14.39	71.61 3.49 -25.05	60.41 3.18 -17.45	48.34 2.85 -7.45	43.09 2.76 -2.54	40.33 2.71 0.00	37.32 2.31 0.00

CH_MISC_IPPS 23765	35.70 2.02 0.00	31.84 1.75 0.00	30.45 1.61 0.00	30.37 1.58 0.00	30.36 1.53 0.00	36.24 1.82 0.00	49.72 3.41 -0.21	63.84 4.12 0.00	54.72 3.68 0.00	45.88 3.08 0.00	44.24 3.01 -3.16	42.18 2.85 -1.37	40.15 2.76 -0.66	40.03 2.49 -4.39	38.79 2.32 -5.62	38.41 2.21 -5.95	41.31 2.43 -6.03	55.09 3.12 -13.97	71.10 3.70 -24.33	60.06 3.34 -16.95	48.31 3.04 -7.24	43.13 2.87 -2.47	40.48 2.86 0.00	37.42 2.41 0.00
CH_RES_BVR_FALLS 23983	33.28 -0.40 0.00	29.74 -0.36 0.00	28.54 -0.29 0.00	28.53 -0.26 0.00	28.61 -0.23 0.00	34.18 -0.24 0.00	45.73 -0.37 0.00	59.36 -0.36 0.00	50.74 -0.30 0.00	42.54 -0.26 0.00	37.69 -0.38 0.00	37.54 -0.42 0.00	36.29 -0.44 0.00	32.69 -0.46 0.00	30.42 -0.43 0.00	29.83 -0.42 0.00	32.45 -0.39 0.00	37.54 -0.45 0.00	42.50 -0.56 0.00	39.33 -0.44 0.00	37.73 -0.31 0.00	37.53 -0.26 0.00	37.28 -0.34 0.00	34.69 -0.32 0.00
CH_RES_NIAGARA 23895	32.64 -1.04 0.00	29.46 -0.63 0.00	28.14 -0.69 0.00	28.04 -0.75 0.00	28.23 -0.61 0.00	33.39 -1.03 0.00	43.66 -2.49 -0.06	55.36 -4.36 0.00	46.45 -4.59 0.00	39.11 -3.68 0.00	37.20 -1.71 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.45 -1.86 -1.16	30.52 -1.82 -1.48	30.01 -1.81 -1.57	32.57 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.73 -1.51 -4.47	37.73 -2.21 -1.91	35.46 -2.99 -0.65	35.82 -1.81 0.00	33.54 -1.47 0.00
CH_RES_SYRACUSE 23985	34.15 0.47 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.32 0.60 0.00	51.45 0.41 0.00	43.05 0.26 0.00	39.32 0.53 -0.71	38.56 0.30 -0.30	37.06 0.18 -0.15	34.26 0.13 -0.97	32.19 0.09 -1.25	31.69 0.12 -1.32	34.32 0.13 -1.34	41.56 0.46 -3.10	49.28 0.82 -5.40	44.29 0.75 -3.76	40.17 0.53 -1.61	38.49 0.15 -0.55	37.92 0.30 0.00	35.32 0.31 0.00
CLINTON_WT_PWR 323605	33.92 0.24 0.00	30.10 0.00 0.00	28.83 0.00 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.76 0.34 0.00	45.87 -0.23 0.00	59.84 0.12 0.00	51.04 0.00 0.00	43.05 0.26 0.00	38.15 0.08 0.00	37.96 0.00 0.00	36.84 0.11 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.28 0.03 0.00	32.98 0.13 0.00	38.11 0.11 0.00	42.42 -0.64 0.00	39.49 -0.28 0.00	38.07 0.04 0.00	38.02 0.23 0.00	37.62 0.00 0.00	34.97 -0.03 0.00
CLINTON__LFGE 323618	34.36 0.67 0.00	30.49 0.39 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.24 0.82 0.00	46.37 0.28 0.00	60.49 0.77 0.00	51.50 0.46 0.00	43.48 0.68 0.00	38.53 0.46 0.00	38.30 0.34 0.00	37.17 0.44 0.00	33.52 0.37 0.00	31.16 0.31 0.00	30.59 0.33 0.00	33.31 0.46 0.00	38.60 0.61 0.00	42.89 -0.17 0.00	40.05 0.28 0.00	38.68 0.65 0.00	38.55 0.76 0.00	38.08 0.45 0.00	35.39 0.39 0.00
COBBLENY_34_KV_TB1 80064	33.99 0.30 0.00	30.61 0.51 0.00	29.41 0.58 0.00	29.28 0.49 0.00	29.39 0.55 0.00	35.11 0.69 0.00	45.74 -0.41 -0.06	58.82 -0.90 0.00	49.36 -1.68 0.00	42.28 -0.51 0.00	38.51 -0.46 -0.89	37.69 -0.65 -0.38	35.88 -1.03 -0.18	33.56 -0.80 -1.21	31.54 -0.86 -1.55	31.01 -0.88 -1.64	33.74 -0.79 -1.69	41.29 -0.61 -3.91	50.17 0.30 -6.80	44.75 0.24 -4.74	39.33 -0.72 -2.02	37.01 -1.47 -0.69	37.70 0.08 0.00	35.18 0.18 0.00
COFFEEN__115KV_TB3 355620	34.73 1.04 0.00	30.97 0.87 0.00	29.64 0.81 0.00	29.63 0.83 0.00	29.64 0.81 0.00	35.59 1.17 0.00	47.73 1.61 -0.02	61.93 2.21 0.00	52.62 1.58 0.00	43.95 1.16 0.00	39.51 1.07 -0.37	38.99 0.87 -0.16	37.06 0.26 -0.08	33.79 0.13 -0.51	31.66 0.15 -0.65	31.27 0.33 -0.69	33.95 0.39 -0.71	40.85 1.22 -1.64	47.90 1.98 -2.86	43.55 1.79 -1.99	40.67 1.79 -0.85	39.37 1.28 -0.29	38.71 1.09 0.00	35.95 0.95 0.00
COLDSPRG_115KV_BK1 355956	35.23 1.55 0.00	31.75 1.66 0.00	30.51 1.67 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.52 2.10 0.00	47.82 1.66 -0.06	61.99 2.27 0.00	51.86 0.82 0.00	44.12 1.33 0.00	39.72 0.72 -0.92	38.80 0.46 -0.39	36.88 -0.04 -0.19	34.50 0.10 -1.24	32.33 -0.12 -1.59	31.76 -0.18 -1.69	34.55 -0.03 -1.74	42.48 0.46 -4.03	51.84 1.77 -7.01	46.28 1.63 -4.88	40.73 0.61 -2.08	38.20 -0.30 -0.71	39.20 1.58 0.00	36.58 1.58 0.00
COLONIE_LFGE__ 323577	34.93 1.25 0.00	31.21 1.11 0.00	29.87 1.04 0.00	29.80 1.01 0.00	29.85 1.01 0.00	35.66 1.24 0.00	48.94 2.58 -0.27	62.53 2.81 0.00	53.59 2.63 0.00	45.06 2.27 0.00	44.26 2.05 -4.13	41.70 2.01 -1.74	39.61 1.87 -1.01	40.47 1.66 -5.66	39.55 1.51 -7.18	39.30 1.51 -7.54	42.16 1.67 -7.64	57.71 2.01 -17.70	76.21 2.32 -30.82	63.39 2.15 -21.47	49.21 2.01 -9.17	42.81 1.89 -3.13	39.47 1.84 0.00	36.65 1.65 0.00
COOPERNY_115KV_TB1 80082	34.90 1.21 0.00	31.18 1.08 0.00	29.87 1.04 0.00	29.80 1.01 0.00	29.88 1.04 0.00	35.59 1.17 0.00	48.46 2.21 -0.15	62.35 2.63 0.00	53.24 2.19 0.00	44.68 1.88 0.00	42.36 2.02 -2.27	40.81 1.90 -0.96	38.73 1.80 -0.20	37.77 1.69 -2.92	36.27 1.57 -3.84	35.93 1.51 -4.16	38.83 1.68 -4.31	50.04 2.05 -9.99	63.00 2.54 -17.40	54.24 2.35 -12.12	45.26 2.05 -5.17	41.45 1.89 -1.77	39.50 1.88 0.00	36.62 1.61 0.00
COPENHAGEN_WT_PWR 323753	34.39 0.71 0.00	30.67 0.57 0.00	29.35 0.52 0.00	29.34 0.55 0.00	29.38 0.55 0.00	35.21 0.79 0.00	47.18 1.06 -0.03	61.21 1.49 0.00	52.16 1.12 0.00	43.44 0.64 0.00	39.15 0.69 -0.39	38.66 0.53 -0.17	36.81 0.00 -0.08	33.59 -0.10 -0.53	31.45 -0.09 -0.68	31.07 0.09 -0.72	33.71 0.13 -0.73	40.49 0.80 -1.70	47.40 1.38 -2.96	43.06 1.23 -2.06	40.24 1.33 -0.88	38.89 0.79 -0.30	38.30 0.68 0.00	35.60 0.59 0.00
CORNELL____ 23752	35.06 1.38 0.00	31.39 1.29 0.00	30.10 1.27 0.00	30.03 1.24 0.00	30.13 1.30 0.00	35.97 1.55 0.00	48.29 2.12 -0.07	62.83 3.11 0.00	53.18 2.14 0.00	44.64 1.84 0.00	40.82 1.68 -1.07	39.67 1.25 -0.45	37.94 0.99 -0.22	35.47 0.86 -1.45	33.52 0.80 -1.86	33.04 0.82 -1.97	35.95 1.08 -2.02	44.43 1.75 -4.68	53.72 2.50 -8.16	47.72 2.27 -5.68	42.28 1.83 -2.43	40.02 1.40 -0.83	39.20 1.58 0.00	36.41 1.40 0.00
CORONAAV_69_KV_TB1 355595	36.14 2.46 0.00	32.18 2.08 0.00	30.68 1.85 0.00	30.60 1.81 0.00	30.74 1.90 0.00	36.69 2.27 0.00	50.46 4.15 -0.21	64.80 5.08 0.00	55.43 4.39 0.00	46.73 3.94 0.00	45.16 3.88 -3.20	43.07 3.76 -1.35	41.84 3.75 -1.37	41.36 3.48 -4.73	40.93 3.30 -6.78	42.30 3.15 -8.90	46.59 3.42 -10.33	62.36 3.99 -20.38	78.92 4.78 -31.08	66.89 4.37 -22.75	50.57 3.96 -8.58	45.52 3.89 -3.83	42.59 3.84 -1.13	38.26 3.26 0.00
CORTLAND_115KV_TB3 80093	34.69 1.01 0.00	31.03 0.93 0.00	29.76 0.92 0.00	29.71 0.92 0.00	29.79 0.95 0.00	35.52 1.10 0.00	47.68 1.52 -0.06	61.75 2.03 0.00	52.47 1.43 0.00	44.04 1.24 0.00	40.25 1.26 -0.92	39.33 0.99 -0.39	37.69 0.77 -0.19	35.05 0.66 -1.24	33.06 0.62 -1.59	32.57 0.64 -1.68	35.33 0.76 -1.73	43.25 1.25 -4.00	51.89 1.85 -6.97	46.30 1.67 -4.86	41.44 1.33 -2.07	39.48 0.98 -0.71	38.75 1.13 0.00	35.99 0.98 0.00

DARBY___SOLAR 323810	35.00 1.31 0.00	31.27 1.17 0.00	29.93 1.10 0.00	29.88 1.09 0.00	29.90 1.07 0.00	35.76 1.34 0.00	49.13 2.77 -0.27	63.06 3.34 0.00	54.00 2.96 0.00	45.36 2.57 0.00	44.59 2.32 -4.19	41.88 2.16 -1.76	39.76 2.02 -1.01	40.60 1.72 -5.73	39.64 1.51 -7.27	39.43 1.54 -7.64	42.29 1.71 -7.74	58.10 2.16 -17.93	76.87 2.58 -31.22	63.87 2.35 -21.75	49.52 2.21 -9.29	43.11 2.15 -3.17	39.65 2.03 0.00	36.76 1.75 0.00
DASHVILLE___HYD 23610	35.50 1.82 0.00	31.63 1.54 0.00	30.27 1.44 0.00	30.20 1.41 0.00	30.25 1.41 0.00	35.90 1.48 0.00	49.31 3.00 -0.22	63.12 3.40 0.00	53.95 2.91 0.00	45.19 2.40 0.00	43.36 2.02 -3.27	41.24 1.90 -1.38	39.23 1.84 -0.67	39.30 1.72 -4.43	38.16 1.64 -5.67	37.76 1.51 -6.00	40.72 1.68 -6.20	54.48 2.13 -14.36	70.69 2.63 -25.00	59.53 2.35 -17.42	47.48 2.02 -7.43	42.26 1.93 -2.54	40.07 2.45 0.00	37.07 2.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.66 3.97 0.00	33.20 3.10 0.00	31.46 2.62 0.00	31.47 2.68 0.00	31.63 2.80 0.00	37.76 3.34 0.00	54.70 8.39 -0.22	68.50 8.78 0.00	58.19 7.15 0.00	49.60 6.80 0.00	47.87 6.59 -3.21	45.61 6.30 -1.35	44.20 6.10 -1.37	43.65 5.77 -4.73	43.28 5.65 -6.78	45.00 5.84 -8.91	49.52 6.34 -10.34	65.72 7.33 -20.39	82.72 8.57 -31.08	70.24 7.72 -22.76	53.66 7.04 -8.59	48.55 6.92 -3.84	45.56 6.81 -1.13	40.36 5.36 0.00
DELAWARE___LFGE 323621	35.10 1.41 0.00	31.36 1.26 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.08 1.24 0.00	35.90 1.48 0.00	48.64 2.44 -0.10	62.65 2.93 0.00	53.44 2.40 0.00	44.94 2.14 0.00	41.84 2.17 -1.60	40.65 2.01 -0.67	38.78 1.73 -0.33	36.87 1.56 -2.16	35.11 1.48 -2.77	34.60 1.42 -2.93	37.44 1.58 -3.02	47.00 2.01 -6.99	57.82 2.58 -12.17	50.60 2.35 -8.48	43.78 2.13 -3.62	40.88 1.85 -1.24	39.54 1.92 0.00	36.65 1.65 0.00
DERFIELD_115KV_TB7 355931	33.88 0.20 0.00	30.28 0.18 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.01 0.17 0.00	34.66 0.24 0.00	46.47 0.37 -0.01	60.08 0.36 0.00	51.35 0.31 0.00	43.05 0.26 0.00	38.46 0.30 -0.08	38.29 0.30 -0.03	36.97 0.22 -0.02	33.45 0.20 -0.10	31.17 0.19 -0.13	30.58 0.18 -0.14	33.19 0.20 -0.14	38.60 0.27 -0.33	43.99 0.34 -0.58	40.49 0.32 -0.41	38.51 0.30 -0.17	38.12 0.26 -0.06	37.89 0.26 0.00	35.25 0.25 0.00
DOGLEVILLE___HYD 23807	35.27 1.58 0.00	31.51 1.41 0.00	30.19 1.36 0.00	30.17 1.38 0.00	30.22 1.38 0.00	36.14 1.72 0.00	48.45 2.35 -0.01	62.17 2.45 0.00	53.49 2.45 0.00	44.46 1.67 0.00	39.71 1.56 -0.08	39.43 1.44 -0.03	37.96 1.21 -0.02	34.25 0.99 -0.11	31.85 0.86 -0.13	31.24 0.85 -0.14	33.94 0.95 -0.14	39.58 1.25 -0.33	45.24 1.59 -0.58	41.69 1.51 -0.41	40.03 1.83 -0.17	39.36 1.51 -0.06	39.17 1.54 0.00	36.48 1.47 0.00
DUNKIRK___115KV_TB_200 55889	34.49 0.81 0.00	31.06 0.96 0.00	29.84 1.01 0.00	29.74 0.95 0.00	29.82 0.98 0.00	35.62 1.20 0.00	46.57 0.41 -0.06	59.84 0.12 0.00	50.22 -0.82 0.00	42.92 0.13 0.00	39.16 0.19 -0.90	38.30 -0.04 -0.38	36.47 -0.44 -0.18	34.10 -0.27 -1.21	32.01 -0.40 -1.55	31.44 -0.45 -1.64	34.21 -0.33 -1.69	41.88 -0.04 -3.92	50.93 1.03 -6.83	45.44 0.91 -4.76	40.03 -0.04 -2.03	37.62 -0.87 -0.69	38.26 0.64 0.00	35.67 0.67 0.00
DUNKIRK___1 23563	34.49 0.81 0.00	31.06 0.96 0.00	29.84 1.01 0.00	29.74 0.95 0.00	29.82 0.98 0.00	35.62 1.20 0.00	46.57 0.41 -0.06	59.84 0.12 0.00	50.22 -0.82 0.00	42.92 0.13 0.00	39.16 0.19 -0.90	38.30 -0.04 -0.38	36.47 -0.44 -0.18	34.10 -0.27 -1.21	32.01 -0.40 -1.55	31.44 -0.45 -1.64	34.21 -0.33 -1.69	41.88 -0.04 -3.92	50.93 1.03 -6.83	45.44 0.91 -4.76	40.03 -0.04 -2.03	37.62 -0.87 -0.69	38.26 0.64 0.00	35.67 0.67 0.00
DUNKIRK___2 23564	34.49 0.81 0.00	31.06 0.96 0.00	29.84 1.01 0.00	29.74 0.95 0.00	29.82 0.98 0.00	35.62 1.20 0.00	46.57 0.41 -0.06	59.84 0.12 0.00	50.22 -0.82 0.00	42.92 0.13 0.00	39.16 0.19 -0.90	38.30 -0.04 -0.38	36.47 -0.44 -0.18	34.10 -0.27 -1.21	32.01 -0.40 -1.55	31.44 -0.45 -1.64	34.21 -0.33 -1.69	41.88 -0.04 -3.92	50.93 1.03 -6.83	45.44 0.91 -4.76	40.03 -0.04 -2.03	37.62 -0.87 -0.69	38.26 0.64 0.00	35.67 0.67 0.00
DUNKIRK___3 23565	34.26 0.57 0.00	30.88 0.78 0.00	29.67 0.84 0.00	29.57 0.78 0.00	29.64 0.81 0.00	35.42 1.00 0.00	46.29 0.14 -0.06	59.54 -0.18 0.00	49.97 -1.07 0.00	42.67 -0.13 0.00	38.89 -0.08 -0.90	38.07 -0.27 -0.38	36.25 -0.66 -0.18	33.90 -0.46 -1.21	31.82 -0.59 -1.55	31.29 -0.61 -1.64	34.01 -0.53 -1.69	41.65 -0.27 -3.92	50.67 0.78 -6.83	45.20 0.68 -4.76	39.80 -0.27 -2.03	37.43 -1.06 -0.69	38.11 0.49 0.00	35.53 0.53 0.00
DUNKIRK___4 23566	34.29 0.61 0.00	30.91 0.81 0.00	29.70 0.86 0.00	29.57 0.78 0.00	29.64 0.81 0.00	35.45 1.03 0.00	46.29 0.14 -0.06	59.48 -0.24 0.00	49.92 -1.12 0.00	42.67 -0.13 0.00	38.92 -0.04 -0.89	38.07 -0.27 -0.37	36.29 -0.62 -0.18	33.89 -0.46 -1.20	31.84 -0.56 -1.54	31.27 -0.61 -1.62	34.03 -0.49 -1.67	41.61 -0.27 -3.88	50.59 0.78 -6.75	45.15 0.68 -4.71	39.78 -0.27 -2.01	37.42 -1.06 -0.69	38.07 0.45 0.00	35.50 0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.67 1.99 0.00	31.78 1.69 0.00	30.39 1.56 0.00	30.32 1.53 0.00	30.42 1.59 0.00	36.28 1.86 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.77 3.73 0.00	46.05 3.25 0.00	44.59 3.31 -3.20	42.54 3.23 -1.35	41.25 3.16 -1.36	40.80 2.92 -4.73	39.39 2.75 -5.79	38.73 2.60 -5.87	41.78 2.82 -6.11	55.45 3.31 -14.15	71.66 3.96 -24.64	60.55 3.62 -17.16	48.59 3.23 -7.33	43.43 3.14 -2.50	40.71 3.09 0.00	37.67 2.66 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.43 1.75 0.00	31.60 1.50 0.00	30.25 1.41 0.00	30.17 1.38 0.00	30.22 1.38 0.00	35.93 1.51 0.00	49.34 3.04 -0.20	63.30 3.58 0.00	54.10 3.06 0.00	45.36 2.57 0.00	43.79 2.67 -3.05	41.75 2.51 -1.29	39.60 2.42 -0.44	39.40 2.22 -4.03	38.15 2.07 -5.23	37.82 1.97 -5.60	40.83 2.17 -5.82	54.25 2.77 -13.48	69.89 3.36 -23.46	59.18 3.06 -16.35	47.75 2.74 -6.98	42.74 2.57 -2.38	40.18 2.56 0.00	37.14 2.14 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.94 2.26 0.00	32.02 1.93 0.00	30.68 1.85 0.00	30.60 1.81 0.00	30.71 1.87 0.00	36.59 2.17 0.00	49.58 3.27 -0.21	63.54 3.82 0.00	54.41 3.37 0.00	45.88 3.08 0.00	44.59 3.31 -3.20	42.61 3.30 -1.35	41.39 3.31 -1.36	40.90 3.02 -4.73	39.49 2.84 -5.79	38.82 2.69 -5.87	41.91 2.96 -6.11	55.68 3.53 -14.15	71.49 3.79 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.91 2.91 0.00
E179THST_13_KV_LOAD 356214	36.07 2.39 0.00	32.14 2.05 0.00	30.76 1.93 0.00	30.72 1.93 0.00	30.80 1.96 0.00	36.69 2.27 0.00	49.81 3.50 -0.21	63.84 4.12 0.00	54.66 3.62 0.00	46.09 3.30 0.00	44.78 3.50 -3.20	42.80 3.49 -1.35	41.58 3.49 -1.36	41.06 3.18 -4.73	39.64 2.99 -5.79	38.97 2.84 -5.87	42.07 3.12 -6.11	55.87 3.72 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.52 3.16 -7.33	43.84 3.55 -2.50	41.20 3.57 0.00	38.09 3.08 0.00

EAST HAMPTON___GT 23717	38.03 4.35 0.00	33.56 3.46 0.00	31.74 2.91 0.00	31.79 2.99 0.00	31.81 2.97 0.00	40.61 6.19 0.00	55.30 8.99 -0.22	69.22 9.50 0.00	60.89 9.85 0.00	50.37 7.58 0.00	48.40 7.12 -3.21	46.14 6.79 -1.39	44.69 6.57 -1.39	44.17 6.16 -4.85	43.83 6.05 -6.93	45.55 6.23 -9.06	49.99 6.80 -10.35	66.33 7.94 -20.39	83.42 9.26 -31.09	70.92 8.39 -22.76	54.09 7.46 -8.60	49.09 7.45 -3.85	46.06 7.30 -1.14	40.78 5.77 0.00
EAST RIVER___6 23660	35.91 2.22 0.00	32.03 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.60 1.76 0.00	36.55 2.13 0.00	50.09 3.78 -0.21	64.32 4.60 0.00	55.27 4.23 0.00	46.52 3.72 0.00	44.97 3.69 -3.20	42.95 3.61 -1.39	41.67 3.56 -1.38	41.24 3.25 -4.84	39.84 3.06 -5.93	39.18 2.90 -6.02	42.11 3.15 -6.11	55.83 3.68 -14.15	72.05 4.35 -24.63	60.91 3.98 -17.16	48.86 3.50 -7.33	43.69 3.40 -2.50	41.08 3.46 0.00	37.91 2.90 0.00
EAST RIVER___7 23524	35.91 2.22 0.00	32.03 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.60 1.76 0.00	36.55 2.13 0.00	50.09 3.78 -0.21	64.32 4.60 0.00	55.27 4.23 0.00	46.52 3.72 0.00	44.97 3.69 -3.20	42.95 3.61 -1.39	41.67 3.56 -1.38	41.24 3.25 -4.84	39.84 3.06 -5.93	39.18 2.90 -6.02	42.11 3.15 -6.11	55.83 3.68 -14.15	72.05 4.35 -24.63	60.91 3.98 -17.16	48.86 3.50 -7.33	43.69 3.40 -2.50	41.08 3.46 0.00	37.91 2.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.60 1.92 0.00	31.72 1.63 0.00	30.36 1.53 0.00	30.29 1.50 0.00	30.39 1.56 0.00	36.21 1.79 0.00	49.72 3.41 -0.21	63.78 4.06 0.00	54.61 3.57 0.00	45.96 3.17 0.00	44.47 3.20 -3.20	42.42 3.11 -1.35	41.20 3.05 -1.42	40.73 2.82 -4.76	39.32 2.65 -5.81	38.63 2.51 -5.87	41.67 2.73 -6.10	55.32 3.19 -14.13	71.50 3.83 -24.60	60.45 3.54 -17.14	48.47 3.12 -7.32	43.31 3.02 -2.50	40.63 3.01 0.00	37.56 2.56 0.00
EAST_HAMPTON___DIESEL 23722	38.03 4.35 0.00	33.56 3.46 0.00	31.78 2.94 0.00	31.79 2.99 0.00	31.81 2.97 0.00	40.61 6.19 0.00	55.30 8.99 -0.22	69.22 9.50 0.00	60.89 9.85 0.00	50.37 7.58 0.00	48.44 7.16 -3.21	46.14 6.79 -1.39	44.69 6.57 -1.39	44.17 6.16 -4.85	43.86 6.08 -6.93	45.55 6.23 -9.06	49.99 6.80 -10.35	66.33 7.94 -20.39	83.46 9.30 -31.09	70.92 8.39 -22.76	54.09 7.46 -8.60	49.09 7.45 -3.85	46.06 7.30 -1.14	40.78 5.77 0.00
EAST_PULASKI___ESR 323781	33.68 0.00 0.00	30.13 0.03 0.00	28.86 0.03 0.00	28.82 0.03 0.00	28.89 0.06 0.00	34.49 0.07 0.00	46.04 -0.09 -0.03	59.42 -0.30 0.00	50.58 -0.46 0.00	42.45 -0.34 0.00	38.41 -0.19 -0.53	37.88 -0.30 -0.22	36.32 -0.51 -0.11	33.40 -0.46 -0.71	31.27 -0.49 -0.91	30.79 -0.42 -0.96	33.41 -0.43 -0.99	40.11 -0.19 -2.30	47.16 0.09 -4.01	42.60 0.04 -2.79	39.15 -0.08 -1.19	37.86 -0.34 -0.41	37.40 -0.23 0.00	34.83 -0.18 0.00
EAST_RIVER___1 323558	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.48 1.64 0.00	36.52 2.10 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	55.07 4.03 0.00	46.35 3.55 0.00	44.82 3.54 -3.20	42.80 3.45 -1.39	41.48 3.38 -1.38	41.10 3.12 -4.84	39.72 2.93 -5.93	39.06 2.78 -6.02	41.97 3.02 -6.11	55.64 3.49 -14.15	71.87 4.18 -24.63	60.75 3.82 -17.16	48.71 3.35 -7.33	43.62 3.33 -2.50	40.97 3.35 0.00	37.84 2.83 0.00
EAST_RIVER___2 323559	35.91 2.22 0.00	32.03 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.60 1.76 0.00	36.55 2.13 0.00	50.09 3.78 -0.21	64.32 4.60 0.00	55.27 4.23 0.00	46.52 3.72 0.00	44.97 3.69 -3.20	42.95 3.61 -1.39	41.67 3.56 -1.38	41.24 3.25 -4.84	39.84 3.06 -5.93	39.18 2.90 -6.02	42.11 3.15 -6.11	55.83 3.68 -14.15	72.05 4.35 -24.63	60.91 3.98 -17.16	48.86 3.50 -7.33	43.69 3.40 -2.50	41.08 3.46 0.00	37.91 2.90 0.00
EAST___DELAWARE_HYD 23607	35.37 1.68 0.00	31.54 1.44 0.00	30.16 1.33 0.00	30.09 1.30 0.00	30.08 1.24 0.00	35.83 1.41 0.00	49.14 2.86 -0.18	63.12 3.40 0.00	54.00 2.96 0.00	45.19 2.40 0.00	43.27 2.40 -2.80	41.40 2.24 -1.21	39.44 2.13 -0.58	38.97 1.96 -3.87	37.66 1.85 -4.95	37.28 1.78 -5.24	40.13 1.97 -5.31	52.96 2.66 -12.31	67.77 3.27 -21.43	57.64 2.94 -14.93	47.07 2.66 -6.37	42.42 2.46 -2.18	40.03 2.41 0.00	37.00 1.99 0.00
EIGHT_POINT___WT_PWR 323820	35.00 1.31 0.00	31.48 1.39 0.00	30.19 1.36 0.00	30.12 1.33 0.00	30.22 1.38 0.00	35.93 1.51 0.00	47.59 1.43 -0.07	61.27 1.55 0.00	51.60 0.56 0.00	42.54 -0.26 0.00	39.69 0.61 -1.01	38.62 0.23 -0.43	36.83 -0.11 -0.21	34.44 -0.10 -1.39	32.45 -0.18 -1.78	31.95 -0.18 -1.88	34.75 0.00 -1.91	43.13 0.72 -4.42	52.65 1.89 -7.69	46.96 1.83 -5.36	41.50 1.18 -2.29	38.80 0.23 -0.78	38.90 1.28 0.00	36.30 1.30 0.00
ELBRIDGE_115KV_TB2 80188	34.12 0.44 0.00	30.55 0.45 0.00	29.29 0.46 0.00	29.25 0.46 0.00	29.30 0.46 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.50 0.78 0.00	51.50 0.46 0.00	43.35 0.56 0.00	39.46 0.65 -0.74	38.61 0.34 -0.31	37.06 0.18 -0.15	34.29 0.13 -1.00	32.26 0.12 -1.29	31.76 0.15 -1.36	34.44 0.20 -1.40	41.77 0.53 -3.25	49.66 0.95 -5.65	44.54 0.84 -3.94	40.21 0.49 -1.68	38.55 0.19 -0.57	38.00 0.38 0.00	35.39 0.39 0.00
ELEC_TRO_TEK 24086	35.97 2.29 0.00	32.02 1.93 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.60 1.76 0.00	36.52 2.10 0.00	50.27 3.96 -0.21	64.50 4.78 0.00	55.18 4.13 0.00	46.52 3.72 0.00	44.97 3.69 -3.20	42.92 3.61 -1.35	41.70 3.60 -1.37	41.23 3.35 -4.73	40.78 3.15 -6.78	42.18 3.03 -8.90	46.43 3.25 -10.33	62.17 3.80 -20.38	78.70 4.56 -31.08	66.69 4.18 -22.75	50.34 3.73 -8.58	45.29 3.67 -3.84	42.40 3.65 -1.13	38.12 3.12 0.00
ELLENBURG_WT_PWR 323604	33.92 0.24 0.00	30.10 0.00 0.00	28.83 0.00 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.76 0.34 0.00	45.87 -0.23 0.00	59.84 0.12 0.00	51.04 0.00 0.00	43.05 0.26 0.00	38.15 0.08 0.00	37.96 0.00 0.00	36.84 0.11 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.28 0.03 0.00	32.98 0.13 0.00	38.11 0.11 0.00	42.42 -0.64 0.00	39.49 -0.28 0.00	38.07 0.04 0.00	38.02 0.23 0.00	37.62 0.00 0.00	34.97 -0.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.65 -0.03 0.00	30.34 0.24 0.00	29.12 0.29 0.00	29.02 0.23 0.00	29.10 0.26 0.00	34.76 0.34 0.00	45.28 -0.88 -0.06	57.87 -1.85 0.00	48.69 -2.35 0.00	41.77 -1.03 0.00	38.26 -0.69 -0.87	37.45 -0.87 -0.18	35.73 -1.18 -1.17	33.36 -0.96 -1.17	31.34 -1.02 -1.50	30.82 -1.03 -1.59	33.50 -0.99 -1.64	40.88 -0.91 -3.80	49.59 -0.09 -6.61	44.22 -0.16 -4.61	38.97 -1.03 -1.97	36.69 -1.78 -0.67	37.25 -0.38 0.00	34.76 -0.25 0.00
EMPIRE_CC_1 323656	34.76 1.08 0.00	31.09 0.99 0.00	29.73 0.89 0.00	29.68 0.89 0.00	29.70 0.86 0.00	35.49 1.07 0.00	48.65 2.30 -0.25	62.05 2.33 0.00	53.23 2.19 0.00	44.77 1.97 0.00	43.75 1.79 -3.88	41.38 1.78 -1.64	39.46 1.73 -1.00	40.04 1.53 -5.36	39.09 1.45 -6.79	38.78 1.42 -7.10	41.56 1.51 -7.20	56.47 1.79 -16.68	74.09 1.98 -29.05	61.88 1.87 -20.24	48.42 1.75 -8.64	42.40 1.66 -2.95	39.24 1.62 0.00	36.48 1.47 0.00

EMPIRE_CC_2 323658	34.76 1.08 0.00	31.09 0.99 0.00	29.73 0.89 0.00	29.68 0.89 0.00	29.70 0.86 0.00	35.49 1.07 0.00	48.65 2.30 -0.25	62.05 2.33 0.00	53.23 2.19 0.00	44.77 1.97 0.00	43.75 1.79 -3.88	41.38 1.78 -1.64	39.46 1.73 -1.00	40.04 1.53 -5.36	39.09 1.45 -6.79	38.78 1.42 -7.10	41.56 1.51 -7.20	56.47 1.79 -16.68	74.09 1.98 -29.05	61.88 1.87 -20.24	48.42 1.75 -8.64	42.40 1.66 -2.95	39.24 1.62 0.00	36.48 1.47 0.00
ENORWICH_115KV_TB1 80156	37.32 3.64 0.00	33.35 3.25 0.00	31.95 3.11 0.00	31.99 3.20 0.00	32.07 3.23 0.00	38.45 4.03 0.00	51.90 5.72 -0.09	67.19 7.47 0.00	55.23 4.19 0.00	46.13 3.34 0.00	42.43 3.05 -1.31	41.09 2.58 -0.55	38.94 1.95 -0.27	36.61 1.69 -1.77	34.72 1.60 -2.26	34.34 1.69 -2.39	38.30 2.99 -2.46	48.07 4.37 -5.71	58.77 5.77 -9.93	51.94 5.25 -6.92	45.89 4.91 -2.95	42.88 4.08 -1.01	41.72 4.10 0.00	38.61 3.61 0.00
ERIE_ST__34_KV_TB1-2 80199	34.15 0.47 0.00	30.79 0.69 0.00	29.58 0.75 0.00	29.45 0.66 0.00	29.56 0.72 0.00	35.35 0.93 0.00	45.92 -0.23 -0.06	59.24 -0.48 0.00	49.76 -1.28 0.00	42.54 -0.26 0.00	38.35 -0.61 -0.88	37.50 -0.84 -0.37	35.73 -1.18 -0.18	33.42 -0.93 -1.19	31.40 -0.99 -1.53	30.84 -1.03 -1.62	33.56 -0.95 -1.67	41.06 -0.80 -3.86	49.96 0.17 -6.72	44.53 0.08 -4.68	39.20 -0.84 -2.00	36.85 -1.63 -0.68	37.92 0.30 0.00	35.43 0.42 0.00
ERIE_WT_PWR 323693	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.31 0.52 0.00	29.33 0.49 0.00	34.90 0.48 0.00	45.74 -0.42 -0.06	58.58 -1.14 0.00	49.10 -1.94 0.00	40.70 -2.10 0.00	38.53 -0.42 -0.88	37.69 -0.65 -0.38	35.92 -0.99 -0.18	33.56 -0.80 -1.21	31.54 -0.86 -1.55	31.01 -0.88 -1.64	33.68 -0.82 -1.66	41.19 -0.65 -3.84	49.97 0.22 -6.69	44.59 0.16 -4.66	39.34 -0.68 -1.99	36.88 -1.59 -0.68	37.55 -0.08 0.00	35.11 0.11 0.00
ESPRGFLD_115KV_TB1 80157	35.23 1.55 0.00	31.48 1.38 0.00	30.19 1.36 0.00	30.17 1.38 0.00	30.22 1.38 0.00	36.21 1.79 0.00	49.12 3.04 0.02	63.66 3.94 0.00	54.15 3.11 0.00	45.41 2.61 0.00	40.26 2.51 0.32	40.10 2.28 0.14	38.50 1.84 0.07	34.34 1.62 0.44	31.87 1.57 0.56	31.17 1.51 0.59	33.95 1.71 0.61	38.99 2.39 1.40	43.76 3.14 2.44	40.89 2.82 1.70	39.93 2.62 0.73	39.85 2.31 0.25	39.84 2.22 0.00	36.86 1.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.03 1.35 0.00	31.33 1.23 0.00	30.04 1.21 0.00	30.00 1.21 0.00	30.08 1.24 0.00	35.90 1.48 0.00	48.19 2.03 -0.07	62.71 2.99 0.00	53.08 2.04 0.00	44.55 1.75 0.00	40.78 1.64 -1.07	39.63 1.21 -0.45	37.87 0.92 -0.22	35.43 0.83 -1.45	33.49 0.77 -1.86	33.01 0.79 -1.97	35.88 1.02 -2.02	44.38 1.71 -4.67	53.61 2.41 -8.14	47.63 2.19 -5.67	42.24 1.79 -2.42	39.94 1.32 -0.83	39.17 1.54 0.00	36.34 1.33 0.00
ETNA_____115KV_TB2 80207	35.03 1.35 0.00	31.33 1.23 0.00	30.04 1.21 0.00	30.00 1.21 0.00	30.08 1.24 0.00	35.90 1.48 0.00	48.19 2.03 -0.07	62.71 2.99 0.00	53.08 2.04 0.00	44.55 1.75 0.00	40.78 1.64 -1.07	39.63 1.21 -0.45	37.87 0.92 -0.22	35.43 0.83 -1.45	33.49 0.77 -1.86	33.01 0.79 -1.97	35.88 1.02 -2.02	44.38 1.71 -4.67	53.61 2.41 -8.14	47.63 2.19 -5.67	42.24 1.79 -2.42	39.94 1.32 -0.83	39.17 1.54 0.00	36.34 1.33 0.00
EUCLID__115KV_TB2 356179	33.62 -0.07 0.00	30.07 -0.03 0.00	28.83 0.00 0.00	28.76 -0.03 0.00	28.84 0.00 0.00	34.39 -0.03 0.00	45.77 -0.37 -0.04	59.00 -0.72 0.00	50.28 -0.77 0.00	42.28 -0.51 0.00	38.45 -0.27 -0.64	37.85 -0.38 -0.27	36.42 -0.44 -0.13	33.62 -0.40 -0.87	31.60 -0.37 -1.11	31.07 -0.36 -1.18	33.63 -0.43 -1.21	40.54 -0.27 -2.81	47.92 -0.04 -4.90	43.10 -0.08 -3.41	39.19 -0.30 -1.46	37.76 -0.53 -0.50	37.25 -0.38 0.00	34.69 -0.32 0.00
E_CANADA_CAP_HY 24051	35.00 1.31 0.00	31.27 1.17 0.00	29.99 1.15 0.00	29.97 1.18 0.00	30.02 1.18 0.00	35.97 1.55 0.00	49.43 2.99 -0.33	63.66 3.94 0.00	54.15 3.11 0.00	45.28 2.48 0.00	45.55 2.28 -5.19	42.16 2.01 -2.19	39.44 1.65 -1.06	41.65 1.49 -7.01	41.25 1.42 -8.97	41.08 1.33 -9.49	44.02 1.54 -9.63	62.54 2.24 -22.30	84.82 2.93 -38.82	69.44 2.62 -27.05	51.98 2.40 -11.55	44.00 2.27 -3.94	39.73 2.11 0.00	36.72 1.71 0.00
E_CANADA_MHWK_HY 24050	35.27 1.58 0.00	31.51 1.41 0.00	30.19 1.36 0.00	30.17 1.38 0.00	30.22 1.38 0.00	36.14 1.72 0.00	48.45 2.35 -0.01	62.17 2.45 0.00	53.49 2.45 0.00	44.46 1.67 0.00	39.71 1.56 -0.08	39.43 1.44 -0.03	37.96 1.21 -0.02	34.25 0.99 -0.11	31.85 0.86 -0.13	31.24 0.85 -0.14	33.94 0.95 -0.14	39.58 1.25 -0.33	45.24 1.59 -0.58	41.69 1.51 -0.41	40.03 1.83 -0.17	39.36 1.51 -0.06	39.17 1.54 0.00	36.48 1.47 0.00
E_FISHKILL__LBMP 23776	35.40 1.72 0.00	31.57 1.47 0.00	30.19 1.36 0.00	30.14 1.35 0.00	30.22 1.38 0.00	36.00 1.58 0.00	49.40 3.09 -0.22	63.30 3.58 0.00	54.21 3.16 0.00	45.58 2.78 0.00	44.18 2.86 -3.25	42.10 2.77 -1.37	40.36 2.68 -0.95	40.16 2.45 -4.56	38.90 2.31 -5.73	38.42 2.21 -5.96	41.44 2.40 -6.20	55.20 2.85 -14.36	71.42 3.36 -25.00	60.29 3.10 -17.41	48.24 2.78 -7.43	43.01 2.68 -2.54	40.26 2.63 0.00	37.28 2.28 0.00
FALCON__SEABRD_CC1 323796	34.39 0.71 0.00	30.49 0.39 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.24 0.82 0.00	46.14 0.05 0.00	60.08 0.36 0.00	51.14 0.10 0.00	43.27 0.47 0.00	38.42 0.34 0.00	38.23 0.27 0.00	37.10 0.37 0.00	33.45 0.30 0.00	31.10 0.25 0.00	30.49 0.24 0.00	33.21 0.36 0.00	38.45 0.46 0.00	42.55 -0.51 0.00	39.89 0.12 0.00	38.60 0.57 0.00	38.55 0.76 0.00	38.11 0.49 0.00	35.43 0.42 0.00
FALCON__SEABRD_CC2 323797	34.39 0.71 0.00	30.49 0.39 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.24 0.82 0.00	46.14 0.05 0.00	60.08 0.36 0.00	51.14 0.10 0.00	43.27 0.47 0.00	38.42 0.34 0.00	38.23 0.27 0.00	37.10 0.37 0.00	33.45 0.30 0.00	31.10 0.25 0.00	30.49 0.24 0.00	33.21 0.36 0.00	38.45 0.46 0.00	42.55 -0.51 0.00	39.89 0.12 0.00	38.60 0.57 0.00	38.55 0.76 0.00	38.11 0.49 0.00	35.43 0.42 0.00
FAR ROCKAWAY__4 23548	36.41 2.73 0.00	32.39 2.29 0.00	30.88 2.05 0.00	30.81 2.02 0.00	30.94 2.11 0.00	36.93 2.51 0.00	50.87 4.56 -0.21	65.27 5.55 0.00	55.84 4.80 0.00	47.12 4.32 0.00	45.50 4.23 -3.20	43.41 4.10 -1.35	42.14 4.04 -1.37	41.63 3.75 -4.73	41.18 3.55 -6.78	42.55 3.39 -8.90	46.86 3.68 -10.33	62.55 4.18 -20.38	79.18 5.04 -31.08	67.13 4.61 -22.75	50.91 4.30 -8.58	45.82 4.19 -3.83	42.92 4.18 -1.13	38.54 3.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	50.00 3.69 -0.21	64.08 4.36 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.47 3.38 -1.36	41.00 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	41.98 3.02 -6.11	55.64 3.50 -14.15	71.88 4.18 -24.63	60.75 3.82 -17.16	48.71 3.35 -7.33	43.62 3.33 -2.50	40.97 3.35 0.00	37.84 2.84 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.47 3.38 -1.36	41.00 3.12 -4.73	39.58 2.93 -5.79	38.94 2.81 -5.87	41.98 3.02 -6.11	55.64 3.50 -14.15	71.88 4.18 -24.63	60.75 3.82 -17.16	48.71 3.35 -7.33	43.62 3.33 -2.50	40.97 3.35 0.00	37.88 2.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.84 2.16 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.57 1.73 0.00	36.42 2.00 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.87 3.83 0.00	46.22 3.42 0.00	44.78 3.50 -3.20	42.73 3.42 -1.35	41.47 3.38 -1.36	41.00 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	41.98 3.02 -6.11	55.64 3.50 -14.15	71.83 4.13 -24.63	60.71 3.78 -17.16	48.71 3.35 -7.33	43.58 3.29 -2.50	40.93 3.31 0.00	37.84 2.84 0.00
FARRAGUT___LBMP 323566	35.84 2.16 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	64.02 4.30 0.00	54.87 3.83 0.00	46.18 3.38 0.00	44.74 3.46 -3.20	42.73 3.42 -1.35	41.43 3.34 -1.36	40.96 3.08 -4.73	39.55 2.90 -5.79	38.88 2.75 -5.87	41.94 2.99 -6.11	55.60 3.46 -14.15	71.83 4.13 -24.63	60.67 3.74 -17.16	48.67 3.31 -7.33	43.58 3.29 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
FENNER___WINDPWR 24204	34.93 1.25 0.00	31.21 1.11 0.00	29.90 1.07 0.00	29.86 1.07 0.00	29.96 1.12 0.00	35.80 1.38 0.00	48.03 1.89 -0.04	62.11 2.39 0.00	53.08 2.04 0.00	44.25 1.46 0.00	40.26 1.56 -0.63	39.63 1.41 -0.27	37.92 1.07 -0.13	34.94 0.93 -0.86	32.85 0.90 -1.10	32.32 0.91 -1.16	35.05 1.02 -1.18	42.25 1.52 -2.73	49.89 2.07 -4.76	44.95 1.87 -3.32	41.27 1.83 -1.42	39.60 1.32 -0.48	38.94 1.32 0.00	36.16 1.15 0.00
FIBERTEK___ENERGY 23856	34.15 0.47 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.32 0.60 0.00	51.40 0.36 0.00	43.22 0.43 0.00	39.32 0.53 -0.71	38.56 0.30 -0.30	37.06 0.18 -0.14	34.24 0.13 -0.96	32.18 0.09 -1.23	31.67 0.12 -1.30	34.32 0.13 -1.34	41.55 0.46 -3.10	49.28 0.82 -5.40	44.29 0.76 -3.76	40.10 0.46 -1.61	38.49 0.15 -0.55	37.92 0.30 0.00	35.32 0.32 0.00
FITZPATRICK____ 23598	33.01 -0.67 0.00	29.53 -0.57 0.00	28.31 -0.52 0.00	28.24 -0.55 0.00	28.32 -0.52 0.00	33.73 -0.69 0.00	44.84 -1.29 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.47 -1.07 -0.46	37.02 -1.14 -0.20	35.65 -1.18 -0.10	32.76 -1.03 -0.64	30.72 -0.96 -0.82	30.18 -0.94 -0.87	32.67 -1.05 -0.88	38.97 -1.06 -2.04	45.58 -1.03 -3.55	41.25 -0.99 -2.47	38.02 -1.06 -1.05	36.87 -1.29 -0.36	36.50 -1.13 0.00	34.06 -0.94 0.00
FLOWRFLD_69_KV_BK1 356044	37.02 3.33 0.00	32.75 2.65 0.00	31.05 2.22 0.00	31.04 2.25 0.00	31.20 2.36 0.00	37.28 2.86 0.00	52.86 6.55 -0.22	67.13 7.41 0.00	57.06 6.02 0.00	48.62 5.82 0.00	46.99 5.71 -3.21	44.85 5.54 -1.35	43.54 5.44 -1.37	42.99 5.11 -4.73	42.60 4.97 -6.78	44.21 5.05 -8.91	48.57 5.39 -10.34	64.54 6.16 -20.39	81.38 7.23 -31.08	69.05 6.52 -22.75	52.56 5.93 -8.59	47.57 5.93 -3.84	44.66 5.91 -1.13	39.77 4.76 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.77 2.09 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.21 1.79 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.66 3.62 0.00	45.83 3.04 0.00	44.34 3.08 -3.18	42.22 2.92 -1.34	40.21 2.83 -0.65	40.04 2.59 -4.30	38.74 2.38 -5.51	38.35 2.27 -5.83	41.40 2.50 -6.06	55.23 3.19 -14.04	71.30 3.79 -24.45	60.22 3.42 -17.03	48.39 3.08 -7.27	43.22 2.95 -2.48	40.52 2.90 0.00	37.49 2.49 0.00
FORT ORANGE____ 23900	34.19 0.51 0.00	30.55 0.45 0.00	29.21 0.37 0.00	29.16 0.37 0.00	29.18 0.35 0.00	34.87 0.45 0.00	47.87 1.52 -0.26	61.15 1.43 0.00	52.42 1.38 0.00	44.04 1.24 0.00	43.25 1.14 -4.03	40.71 1.06 -1.69	38.71 0.99 -0.99	39.53 0.86 -5.52	38.67 0.80 -7.01	38.43 0.82 -7.36	41.19 0.89 -7.46	56.38 1.10 -17.28	74.40 1.25 -30.09	61.88 1.15 -20.96	48.09 1.10 -8.95	41.90 1.06 -3.05	38.90 1.28 0.00	36.13 1.12 0.00
FORT_DRUM_COGEN 23780	34.46 0.77 0.00	30.73 0.63 0.00	29.41 0.58 0.00	29.40 0.60 0.00	29.41 0.58 0.00	35.31 0.89 0.00	47.32 1.20 -0.02	61.39 1.67 0.00	52.27 1.22 0.00	43.65 0.86 0.00	39.23 0.80 -0.36	38.72 0.61 -0.15	36.88 0.07 -0.07	33.57 -0.07 -0.49	31.45 -0.03 -0.62	31.06 0.15 -0.66	33.72 0.20 -0.68	40.48 0.91 -1.57	47.31 1.51 -2.74	43.03 1.35 -1.91	40.22 1.37 -0.81	39.01 0.94 -0.28	38.45 0.83 0.00	35.67 0.67 0.00
FPL_FAR_ROCK_GT1 24212	36.41 2.73 0.00	32.38 2.29 0.00	30.88 2.05 0.00	30.81 2.01 0.00	30.86 2.02 0.00	37.21 2.79 0.00	50.64 4.33 -0.21	65.03 5.31 0.00	55.84 4.80 0.00	47.16 4.37 0.00	45.50 4.23 -3.20	43.45 4.10 -1.39	42.15 4.04 -1.38	41.74 3.75 -4.85	41.33 3.55 -6.92	42.70 3.39 -9.06	46.86 3.68 -10.34	62.60 4.22 -20.39	79.18 5.04 -31.08	67.14 4.61 -22.76	51.00 4.37 -8.59	45.83 4.19 -3.84	42.97 4.21 -1.13	38.54 3.53 0.00
FPL_FAR_ROCK_GT2 23815	36.41 2.73 0.00	32.38 2.29 0.00	30.88 2.05 0.00	30.81 2.01 0.00	30.86 2.02 0.00	37.21 2.79 0.00	50.64 4.33 -0.21	65.03 5.31 0.00	55.84 4.80 0.00	47.16 4.37 0.00	45.50 4.23 -3.20	43.45 4.10 -1.39	42.15 4.04 -1.38	41.74 3.75 -4.85	41.33 3.55 -6.92	42.70 3.39 -9.06	46.86 3.68 -10.34	62.60 4.22 -20.39	79.18 5.04 -31.08	67.14 4.61 -22.76	51.00 4.37 -8.59	45.83 4.19 -3.84	42.97 4.21 -1.13	38.54 3.53 0.00
FRANKLIN_FALL_HYD 24054	34.05 0.37 0.00	30.31 0.21 0.00	28.98 0.14 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.83 0.41 0.00	46.14 0.05 0.00	60.44 0.72 0.00	51.81 0.77 0.00	43.31 0.51 0.00	38.38 0.30 0.00	38.11 0.15 0.00	36.84 0.11 0.00	33.19 0.03 0.00	30.86 0.00 0.00	30.28 0.03 0.00	32.94 0.10 0.00	38.19 0.19 0.00	42.68 -0.39 0.00	39.65 -0.12 0.00	38.22 0.19 0.00	38.09 0.30 0.00	37.70 0.08 0.00	35.11 0.11 0.00
FREEPORT_EQUS_GT1 23764	36.24 2.56 0.00	32.24 2.14 0.00	30.71 1.87 0.00	30.66 1.87 0.00	30.68 1.85 0.00	37.14 2.72 0.00	50.69 4.38 -0.21	65.03 5.31 0.00	55.89 4.85 0.00	47.03 4.24 0.00	45.20 3.92 -3.20	43.18 3.83 -1.39	41.93 3.82 -1.38	41.55 3.55 -4.85	41.14 3.36 -6.92	42.58 3.27 -9.06	46.70 3.52 -10.34	62.53 4.14 -20.39	79.10 4.95 -31.08	67.06 4.53 -22.76	50.66 4.03 -8.59	45.68 4.05 -3.84	42.86 4.10 -1.13	38.47 3.47 0.00
FREEPORT___CT2 23818	36.24 2.56 0.00	32.24 2.14 0.00	30.71 1.87 0.00	30.66 1.87 0.00	30.68 1.85 0.00	37.14 2.72 0.00	50.69 4.38 -0.21	65.03 5.31 0.00	55.89 4.85 0.00	47.03 4.24 0.00	45.20 3.92 -3.20	43.18 3.83 -1.39	41.93 3.82 -1.38	41.55 3.55 -4.85	41.14 3.36 -6.92	42.58 3.27 -9.06	46.70 3.52 -10.34	62.53 4.14 -20.39	79.10 4.95 -31.08	67.06 4.53 -22.76	50.66 4.03 -8.59	45.68 4.05 -3.84	42.86 4.10 -1.13	38.47 3.47 0.00

FRESHKLS_33_KV_LOAD 356253	36.51 2.83 0.00	32.54 2.44 0.00	31.05 2.22 0.00	30.98 2.19 0.00	31.09 2.25 0.00	37.14 2.72 0.00	49.63 3.32 -0.21	63.42 3.70 0.00	54.46 3.42 0.00	45.83 3.04 0.00	44.82 3.54 -3.20	42.84 3.53 -1.35	41.73 3.64 -1.36	41.36 3.48 -4.73	39.98 3.33 -5.79	39.36 3.24 -5.87	42.24 3.28 -6.11	55.57 3.42 -14.15	71.66 3.96 -24.64	60.51 3.58 -17.16	48.44 3.08 -7.33	43.96 3.67 -2.50	41.46 3.84 0.00	38.51 3.50 0.00
FULTON COGEN____ 23766	33.55 -0.13 0.00	30.01 -0.09 0.00	28.78 -0.06 0.00	28.70 -0.09 0.00	28.78 -0.06 0.00	34.32 -0.10 0.00	45.72 -0.41 -0.04	58.76 -0.96 0.00	50.12 -0.92 0.00	42.11 -0.68 0.00	38.20 -0.46 -0.58	37.67 -0.53 -0.24	36.22 -0.62 -0.12	33.37 -0.56 -0.78	31.33 -0.52 -1.00	30.80 -0.51 -1.06	33.38 -0.56 -1.09	40.07 -0.46 -2.53	47.21 -0.26 -4.41	42.56 -0.28 -3.07	38.89 -0.46 -1.31	37.56 -0.68 -0.45	37.06 -0.56 0.00	34.59 -0.42 0.00
FULTON____LFGE 323630	36.14 2.46 0.00	32.29 2.20 0.00	30.94 2.10 0.00	30.95 2.16 0.00	31.03 2.19 0.00	37.17 2.75 0.00	51.30 4.88 -0.32	65.40 5.68 0.00	56.30 5.26 0.00	46.31 3.51 0.00	46.01 3.05 -4.89	42.79 2.77 -2.06	40.18 2.46 -0.99	42.00 2.26 -6.59	41.40 2.10 -8.45	41.34 2.15 -8.94	44.37 2.46 -9.06	62.33 3.34 -20.99	83.74 4.13 -36.54	68.93 3.70 -25.46	53.01 4.11 -10.87	44.71 3.21 -3.71	40.63 3.01 0.00	37.49 2.49 0.00
G.F.CEMENT____DRP 24184	34.90 1.21 0.00	31.15 1.05 0.00	29.81 0.98 0.00	29.80 1.01 0.00	29.82 0.98 0.00	35.66 1.24 0.00	49.13 2.77 -0.27	63.24 3.52 0.00	54.15 3.11 0.00	45.49 2.70 0.00	44.68 2.40 -4.21	41.90 2.16 -1.78	39.77 2.02 -1.02	40.63 1.69 -5.79	39.63 1.42 -7.36	39.43 1.45 -7.72	42.24 1.61 -7.78	58.19 2.17 -18.03	77.08 2.63 -31.39	63.98 2.35 -21.87	49.61 2.24 -9.33	43.17 2.19 -3.19	39.62 1.99 0.00	36.72 1.72 0.00
GARDENVILLE____LBMP 24039	33.82 0.13 0.00	30.46 0.36 0.00	29.27 0.43 0.00	29.17 0.37 0.00	29.24 0.40 0.00	34.94 0.52 0.00	45.51 -0.65 -0.06	58.29 -1.43 0.00	49.00 -2.04 0.00	41.98 -0.81 0.00	38.38 -0.57 -0.88	37.57 -0.76 -0.37	35.81 -1.10 -0.18	33.44 -0.90 -1.19	31.42 -0.96 -1.52	30.89 -0.97 -1.61	33.58 -0.92 -1.66	41.04 -0.80 -3.84	49.79 0.04 -6.69	44.43 0.00 -4.66	39.15 -0.87 -1.99	36.85 -1.63 -0.68	37.47 -0.15 0.00	34.97 -0.04 0.00
GARDNVLA_35_KV_LD 355827	34.02 0.34 0.00	30.64 0.54 0.00	29.41 0.58 0.00	29.31 0.52 0.00	29.41 0.58 0.00	35.14 0.72 0.00	45.79 -0.37 -0.06	58.65 -1.07 0.00	49.31 -1.74 0.00	42.24 -0.56 0.00	38.57 -0.38 -0.88	37.72 -0.61 -0.37	35.95 -0.95 -0.18	33.61 -0.73 -1.19	31.57 -0.80 -1.52	31.01 -0.85 -1.61	33.75 -0.76 -1.66	41.23 -0.61 -3.84	50.05 0.30 -6.69	44.67 0.24 -4.66	39.30 -0.72 -1.99	37.00 -1.47 -0.68	37.66 0.04 0.00	35.18 0.18 0.00
GELCKHM__115KV_LOAD 80723	33.82 0.13 0.00	30.25 0.15 0.00	29.01 0.17 0.00	28.93 0.14 0.00	29.01 0.17 0.00	34.59 0.17 0.00	46.14 0.00 -0.04	59.48 -0.24 0.00	50.73 -0.31 0.00	42.67 -0.13 0.00	38.78 0.04 -0.67	38.16 -0.08 -0.28	36.65 -0.22 -0.14	33.86 -0.20 -0.90	31.83 -0.19 -1.16	31.33 -0.15 -1.22	33.91 -0.20 -1.26	40.96 0.04 -2.92	48.46 0.30 -5.09	43.55 0.24 -3.55	39.55 0.00 -1.51	38.04 -0.26 -0.52	37.51 -0.11 0.00	34.94 -0.07 0.00
GENERAL____MILLS 23808	33.95 0.27 0.00	30.58 0.48 0.00	29.35 0.52 0.00	29.25 0.46 0.00	29.36 0.52 0.00	35.07 0.65 0.00	45.65 -0.51 -0.06	58.47 -1.25 0.00	49.15 -1.89 0.00	42.15 -0.64 0.00	38.46 -0.49 -0.88	37.65 -0.68 -0.37	35.88 -1.03 -0.18	33.51 -0.83 -1.19	31.48 -0.89 -1.52	30.95 -0.91 -1.61	33.65 -0.85 -1.66	41.15 -0.68 -3.84	49.92 0.17 -6.68	44.55 0.12 -4.66	39.22 -0.80 -1.99	36.92 -1.55 -0.68	37.59 -0.04 0.00	35.11 0.11 0.00
GE_PLASTICS____DRP 24183	34.52 0.84 0.00	30.82 0.72 0.00	29.52 0.69 0.00	29.45 0.66 0.00	29.50 0.66 0.00	35.14 0.72 0.00	48.15 1.80 -0.26	61.57 1.85 0.00	52.73 1.68 0.00	44.29 1.50 0.00	43.56 1.45 -4.04	41.07 1.40 -1.71	39.04 1.32 -0.99	39.90 1.19 -5.56	39.02 1.11 -7.06	38.75 1.09 -7.41	41.48 1.18 -7.45	56.67 1.41 -17.27	74.77 1.64 -30.07	62.23 1.51 -20.95	48.38 1.41 -8.94	42.20 1.36 -3.05	38.94 1.32 0.00	36.16 1.16 0.00
GILBOA____1 23756	34.73 1.05 0.00	31.03 0.93 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.79 0.95 0.00	35.42 1.00 0.00	48.24 1.94 -0.21	61.75 2.03 0.00	52.88 1.83 0.00	44.46 1.67 0.00	42.97 1.67 -3.22	40.93 1.59 -1.38	38.87 1.47 -0.67	38.93 1.36 -4.42	37.78 1.27 -5.66	37.48 1.24 -5.98	40.26 1.35 -6.07	53.53 1.48 -14.06	69.35 1.81 -24.47	58.49 1.67 -17.05	46.91 1.60 -7.28	41.79 1.51 -2.48	39.13 1.51 0.00	36.30 1.30 0.00
GILBOA____2 23757	34.73 1.05 0.00	31.03 0.93 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.79 0.95 0.00	35.42 1.00 0.00	48.24 1.94 -0.21	61.75 2.03 0.00	52.88 1.83 0.00	44.46 1.67 0.00	42.97 1.67 -3.22	40.93 1.59 -1.38	38.87 1.47 -0.67	38.93 1.36 -4.42	37.78 1.27 -5.66	37.48 1.24 -5.98	40.26 1.35 -6.07	53.53 1.48 -14.06	69.35 1.81 -24.47	58.49 1.67 -17.05	46.91 1.60 -7.28	41.79 1.51 -2.48	39.13 1.51 0.00	36.30 1.30 0.00
GILBOA____3 23758	34.73 1.05 0.00	31.03 0.93 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.79 0.95 0.00	35.42 1.00 0.00	48.24 1.94 -0.21	61.75 2.03 0.00	52.88 1.83 0.00	44.46 1.67 0.00	42.97 1.67 -3.22	40.93 1.59 -1.38	38.87 1.47 -0.67	38.93 1.36 -4.42	37.78 1.27 -5.66	37.48 1.24 -5.98	40.26 1.35 -6.07	53.53 1.48 -14.06	69.35 1.81 -24.47	58.49 1.67 -17.05	46.91 1.60 -7.28	41.79 1.51 -2.48	39.13 1.51 0.00	36.30 1.30 0.00
GILBOA____4 23759	34.73 1.05 0.00	31.03 0.93 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.79 0.95 0.00	35.42 1.00 0.00	48.24 1.94 -0.21	61.75 2.03 0.00	52.88 1.83 0.00	44.46 1.67 0.00	42.97 1.67 -3.22	40.93 1.59 -1.38	38.87 1.47 -0.67	38.93 1.36 -4.42	37.78 1.27 -5.66	37.48 1.24 -5.98	40.26 1.35 -6.07	53.53 1.48 -14.06	69.35 1.81 -24.47	58.49 1.67 -17.05	46.91 1.60 -7.28	41.79 1.51 -2.48	39.13 1.51 0.00	36.30 1.30 0.00
GILBOA____ 23599	34.73 1.04 0.00	31.00 0.90 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.70 0.87 0.00	35.38 0.96 0.00	48.24 1.94 -0.21	61.75 2.03 0.00	52.78 1.74 0.00	44.42 1.63 0.00	42.97 1.68 -3.22	40.91 1.59 -1.36	38.86 1.47 -0.66	38.87 1.36 -4.36	37.71 1.27 -5.59	37.40 1.24 -5.91	40.26 1.35 -6.07	53.54 1.48 -14.06	69.35 1.81 -24.47	58.49 1.67 -17.05	46.87 1.56 -7.28	41.79 1.51 -2.48	39.13 1.50 0.00	36.30 1.30 0.00
GINNA____ 23603	32.10 -1.58 0.00	28.77 -1.32 0.00	27.57 -1.27 0.00	27.50 -1.30 0.00	27.54 -1.30 0.00	32.80 -1.62 0.00	43.84 -2.30 -0.05	53.75 -5.97 0.00	45.63 -5.41 0.00	38.30 -4.49 0.00	35.43 -3.39 -0.75	36.72 -1.56 -0.32	35.12 -1.76 -0.16	32.56 -1.62 -1.03	30.61 -1.57 -1.32	30.08 -1.57 -1.40	32.62 -1.64 -1.42	39.76 -1.52 -3.28	47.49 -1.29 -5.72	42.48 -1.27 -3.98	38.02 -1.71 -1.70	36.14 -2.23 -0.58	35.66 -1.96 0.00	33.18 -1.82 0.00

GLEN PARK____ 23778	34.62 0.94 0.00	30.88 0.78 0.00	29.55 0.72 0.00	29.54 0.75 0.00	29.59 0.75 0.00	35.49 1.07 0.00	47.60 1.47 -0.02	61.75 2.03 0.00	52.62 1.58 0.00	43.78 0.99 0.00	39.40 0.95 -0.37	38.92 0.80 -0.16	36.99 0.18 -0.08	33.73 0.07 -0.51	31.60 0.09 -0.66	31.22 0.27 -0.69	33.88 0.33 -0.70	40.77 1.14 -1.63	47.71 1.81 -2.84	43.42 1.67 -1.98	40.67 1.79 -0.84	39.25 1.17 -0.29	38.60 0.98 0.00	35.84 0.84 0.00
GLENDALE_27_KV_LOAD 356172	36.11 2.43 0.00	32.14 2.05 0.00	30.74 1.90 0.00	30.66 1.87 0.00	30.77 1.93 0.00	36.66 2.24 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.97 3.93 0.00	46.30 3.51 0.00	45.01 3.73 -3.20	42.99 3.68 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.80 3.15 -5.79	39.12 3.00 -5.87	42.24 3.28 -6.11	55.87 3.72 -14.15	71.96 4.26 -24.64	60.79 3.86 -17.16	48.75 3.38 -7.33	43.88 3.59 -2.50	41.23 3.61 0.00	38.12 3.12 0.00
GLENWOOD_IC_1_G5 23712	36.21 2.53 0.00	32.21 2.11 0.00	30.68 1.85 0.00	30.63 1.84 0.00	30.74 1.90 0.00	36.73 2.31 0.00	50.60 4.29 -0.21	65.04 5.32 0.00	55.63 4.59 0.00	46.91 4.11 0.00	45.31 4.04 -3.20	43.26 3.95 -1.35	42.03 3.93 -1.37	41.53 3.65 -4.73	41.06 3.43 -6.78	42.46 3.30 -8.91	46.73 3.55 -10.33	62.55 4.18 -20.38	79.14 5.00 -31.08	67.09 4.57 -22.75	50.73 4.11 -8.58	45.63 4.01 -3.84	42.70 3.95 -1.13	38.40 3.40 0.00
GLENWOOD_IC_2_G1 23688	36.11 2.43 0.00	32.15 2.05 0.00	30.62 1.79 0.00	30.58 1.79 0.00	30.60 1.76 0.00	36.93 2.51 0.00	50.46 4.15 -0.21	64.79 5.07 0.00	55.68 4.64 0.00	46.86 4.07 0.00	45.20 3.92 -3.20	43.18 3.83 -1.39	41.90 3.78 -1.38	41.51 3.51 -4.85	41.08 3.30 -6.92	42.49 3.18 -9.06	46.63 3.45 -10.34	62.41 4.03 -20.39	78.97 4.82 -31.08	66.94 4.41 -22.76	50.58 3.96 -8.59	45.49 3.86 -3.84	42.63 3.88 -1.13	38.26 3.26 0.00
GLENWOOD_IC_3_G1 23689	36.11 2.43 0.00	32.15 2.05 0.00	30.62 1.79 0.00	30.58 1.79 0.00	30.60 1.76 0.00	36.93 2.51 0.00	50.46 4.15 -0.21	64.79 5.07 0.00	55.68 4.64 0.00	46.86 4.07 0.00	45.20 3.92 -3.20	43.18 3.83 -1.39	41.90 3.78 -1.38	41.51 3.51 -4.85	41.08 3.30 -6.92	42.49 3.18 -9.06	46.63 3.45 -10.34	62.41 4.03 -20.39	78.97 4.82 -31.08	66.94 4.41 -22.76	50.58 3.96 -8.59	45.49 3.86 -3.84	42.63 3.88 -1.13	38.26 3.26 0.00
GLENWOOD____4 23550	36.21 2.53 0.00	32.21 2.11 0.00	30.68 1.85 0.00	30.63 1.84 0.00	30.74 1.90 0.00	36.73 2.31 0.00	50.60 4.29 -0.21	65.04 5.32 0.00	55.63 4.59 0.00	46.91 4.11 0.00	45.31 4.04 -3.20	43.26 3.95 -1.35	42.03 3.93 -1.37	41.53 3.65 -4.73	41.06 3.43 -6.78	42.46 3.30 -8.91	46.73 3.55 -10.33	62.55 4.18 -20.38	79.14 5.00 -31.08	67.09 4.57 -22.75	50.73 4.11 -8.58	45.63 4.01 -3.84	42.70 3.95 -1.13	38.40 3.40 0.00
GLENWOOD____5 23614	36.21 2.53 0.00	32.21 2.11 0.00	30.68 1.85 0.00	30.63 1.84 0.00	30.74 1.90 0.00	36.73 2.31 0.00	50.60 4.29 -0.21	65.04 5.32 0.00	55.63 4.59 0.00	46.91 4.11 0.00	45.31 4.04 -3.20	43.26 3.95 -1.35	42.03 3.93 -1.37	41.53 3.65 -4.73	41.06 3.43 -6.78	42.46 3.30 -8.91	46.73 3.55 -10.33	62.55 4.18 -20.38	79.14 5.00 -31.08	67.09 4.57 -22.75	50.73 4.11 -8.58	45.63 4.01 -3.84	42.70 3.95 -1.13	38.40 3.40 0.00
GLOBAL GREEN_PORT_GT1 23814	37.96 4.28 0.00	33.50 3.40 0.00	31.72 2.88 0.00	31.73 2.94 0.00	31.75 2.91 0.00	40.55 6.13 0.00	55.21 8.90 -0.22	69.03 9.31 0.00	60.79 9.75 0.00	50.20 7.40 0.00	48.25 6.97 -3.21	45.99 6.64 -1.39	44.54 6.43 -1.39	44.04 6.03 -4.85	43.71 5.93 -6.93	45.43 6.11 -9.06	49.86 6.67 -10.35	66.18 7.79 -20.39	83.28 9.13 -31.09	70.77 8.23 -22.76	54.01 7.38 -8.60	48.94 7.30 -3.85	45.91 7.15 -1.14	40.64 5.64 0.00
GLOBE____DSASP 323697	32.54 -1.15 0.00	29.23 -0.87 0.00	28.05 -0.78 0.00	28.10 -0.69 0.00	28.03 -0.81 0.00	33.49 -0.93 0.00	43.52 -2.63 -0.06	55.12 -4.60 0.00	46.45 -4.59 0.00	40.01 -2.78 0.00	37.05 -1.87 -0.84	36.30 -2.01 -0.36	34.66 -2.24 -0.17	32.33 -1.96 -1.14	30.40 -1.91 -1.46	29.89 -1.91 -1.54	32.47 -1.97 -1.59	39.48 -2.20 -3.68	47.80 -1.68 -6.41	42.61 -1.63 -4.47	37.58 -2.36 -1.91	35.42 -3.02 -0.65	35.78 -1.84 0.00	33.43 -1.58 0.00
GOETHSLN____LBMP 323567	35.67 1.99 0.00	31.75 1.66 0.00	30.36 1.53 0.00	30.26 1.47 0.00	30.39 1.56 0.00	36.21 1.79 0.00	49.67 3.37 -0.21	63.66 3.94 0.00	54.56 3.52 0.00	45.92 3.12 0.00	44.55 3.27 -3.20	42.54 3.23 -1.35	41.25 3.16 -1.36	40.80 2.92 -4.73	39.39 2.75 -5.79	38.76 2.63 -5.87	41.78 2.82 -6.11	55.38 3.23 -14.15	71.57 3.88 -24.63	60.47 3.54 -17.16	48.48 3.12 -7.33	43.39 3.10 -2.50	40.71 3.09 0.00	37.63 2.63 0.00
GOLAH____69_KV_TB 1_2 80279	33.65 -0.03 0.00	30.22 0.12 0.00	28.98 0.14 0.00	28.88 0.09 0.00	28.92 0.09 0.00	34.52 0.10 0.00	45.64 -0.51 -0.05	58.65 -1.07 0.00	49.56 -1.48 0.00	42.24 -0.56 0.00	38.88 0.04 -0.76	38.09 -0.19 -0.32	36.41 -0.48 -0.16	33.79 -0.40 -1.03	31.72 -0.46 -1.33	31.23 -0.42 -1.40	33.90 -0.39 -1.45	41.19 -0.15 -3.35	49.37 0.47 -5.83	44.31 0.48 -4.06	39.46 -0.30 -1.73	37.55 -0.83 -0.59	37.40 -0.23 0.00	34.87 -0.14 0.00
GOODYEAR_LAKE_HYD 323669	35.37 1.68 0.00	31.60 1.50 0.00	30.30 1.47 0.00	30.29 1.50 0.00	30.31 1.47 0.00	36.24 1.82 0.00	49.07 2.90 -0.07	63.36 3.64 0.00	54.00 2.96 0.00	45.41 2.61 0.00	41.70 2.59 -1.04	40.79 2.39 -0.44	38.92 1.98 -0.21	36.35 1.79 -1.41	34.35 1.70 -1.80	33.79 1.63 -1.90	36.65 1.84 -1.96	44.94 2.39 -4.55	54.08 3.10 -7.92	48.07 2.78 -5.52	42.97 2.59 -2.35	40.83 2.23 -0.80	39.84 2.22 0.00	36.93 1.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.52 0.84 0.00	30.94 0.84 0.00	29.67 0.84 0.00	29.63 0.83 0.00	29.67 0.84 0.00	35.38 0.96 0.00	47.52 1.34 -0.09	61.33 1.61 0.00	52.06 1.02 0.00	43.82 1.03 0.00	40.48 1.03 -1.37	39.37 0.84 -0.58	37.67 0.66 -0.28	35.61 0.60 -1.86	33.76 0.52 -2.38	33.29 0.51 -2.52	36.06 0.62 -2.59	45.07 1.06 -6.01	55.16 1.64 -10.46	48.57 1.51 -7.29	42.25 1.10 -3.11	39.57 0.72 -1.06	38.71 1.09 0.00	35.95 0.95 0.00
GOUDEY____7 23579	34.56 0.88 0.00	30.97 0.87 0.00	29.70 0.86 0.00	29.63 0.83 0.00	29.70 0.87 0.00	35.42 1.00 0.00	47.57 1.38 -0.09	61.39 1.67 0.00	52.11 1.07 0.00	43.87 1.07 0.00	40.55 1.10 -1.37	39.45 0.91 -0.58	37.71 0.70 -0.28	35.64 0.63 -1.86	33.79 0.56 -2.38	33.32 0.54 -2.52	36.10 0.66 -2.59	45.11 1.10 -6.01	55.25 1.72 -10.46	48.61 1.55 -7.29	42.29 1.14 -3.11	39.65 0.79 -1.06	38.75 1.13 0.00	35.99 0.98 0.00
GOUDEY____8 23580	34.52 0.84 0.00	30.94 0.84 0.00	29.67 0.84 0.00	29.63 0.83 0.00	29.67 0.84 0.00	35.38 0.96 0.00	47.52 1.34 -0.09	61.33 1.61 0.00	52.06 1.02 0.00	43.82 1.03 0.00	40.48 1.03 -1.37	39.37 0.84 -0.58	37.67 0.66 -0.28	35.61 0.60 -1.86	33.76 0.52 -2.38	33.29 0.51 -2.52	36.06 0.62 -2.59	45.07 1.06 -6.01	55.16 1.64 -10.46	48.57 1.51 -7.29	42.25 1.10 -3.11	39.57 0.72 -1.06	38.71 1.09 0.00	35.95 0.95 0.00

GOWANUS_GT1_1 24077	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_2 24078	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_3 24079	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_4 24080	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_5 24084	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_6 24111	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_7 24112	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT1_8 24113	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT2_1 24114	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
GOWANUS_GT2_2 24115	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
GOWANUS_GT2_3 24116	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
GOWANUS_GT2_4 24117	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
GOWANUS_GT2_5 24118	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
GOWANUS_GT2_6 24119	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
GOWANUS_GT2_7 24120	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01

GOWANUS_GT4_7 24136	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GOWANUS_GT4_8 24137	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GREENBSH_115KV_TB3 55895	34.22 0.54 0.00	30.58 0.48 0.00	29.27 0.43 0.00	29.19 0.40 0.00	29.24 0.40 0.00	34.87 0.45 0.00	47.92 1.57 -0.26	61.21 1.49 0.00	52.42 1.38 0.00	44.08 1.28 0.00	43.39 1.26 -4.06	40.89 1.21 -1.71	38.87 1.14 -1.00	39.73 0.99 -5.59	38.88 0.93 -7.09	38.63 0.94 -7.44	41.33 0.99 -7.50	56.59 1.22 -17.38	74.69 1.38 -30.25	62.12 1.27 -21.07	48.21 1.18 -9.00	42.00 1.13 -3.07	38.71 1.09 0.00	35.95 0.95 0.00
GREENEDGE_115KV_TB5 80291	34.63 0.94 0.00	31.06 0.96 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.88 1.04 0.00	35.66 1.24 0.00	47.27 1.11 -0.07	61.27 1.55 0.00	51.81 0.77 0.00	43.82 1.03 0.00	40.09 1.03 -0.99	39.14 0.76 -0.42	37.41 0.48 -0.20	34.89 0.40 -1.34	32.88 0.31 -1.72	32.37 0.30 -1.81	35.18 0.46 -1.87	43.50 1.18 -4.33	52.67 2.07 -7.54	46.89 1.87 -5.25	41.49 1.22 -2.24	39.16 0.60 -0.77	38.71 1.09 0.00	35.95 0.95 0.00
GREENIDGE___3 23582	34.63 0.94 0.00	31.06 0.96 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.88 1.04 0.00	35.66 1.24 0.00	47.27 1.11 -0.07	61.27 1.55 0.00	51.81 0.77 0.00	43.82 1.03 0.00	40.09 1.03 -0.99	39.14 0.76 -0.42	37.41 0.48 -0.20	34.89 0.40 -1.34	32.88 0.31 -1.72	32.37 0.30 -1.81	35.18 0.46 -1.87	43.50 1.18 -4.33	52.67 2.07 -7.54	46.89 1.87 -5.25	41.49 1.22 -2.24	39.16 0.60 -0.77	38.71 1.09 0.00	35.95 0.95 0.00
GREENIDGE___4 23583	34.62 0.94 0.00	31.09 0.99 0.00	29.81 0.98 0.00	29.74 0.95 0.00	29.85 1.01 0.00	35.59 1.17 0.00	47.27 1.10 -0.07	61.03 1.31 0.00	51.76 0.71 0.00	43.27 0.47 0.00	40.13 1.06 -0.99	39.14 0.76 -0.42	37.41 0.48 -0.21	34.91 0.40 -1.36	32.91 0.31 -1.74	32.40 0.30 -1.85	35.21 0.49 -1.87	43.51 1.18 -4.33	52.67 2.07 -7.54	46.89 1.87 -5.25	41.64 1.37 -2.24	39.09 0.53 -0.77	38.67 1.05 0.00	35.95 0.95 0.00
GREENLWN_69_KV_BK 3 55738	36.41 2.73 0.00	32.36 2.26 0.00	30.82 1.99 0.00	30.78 1.99 0.00	30.91 2.08 0.00	36.93 2.51 0.00	50.97 4.66 -0.22	65.39 5.67 0.00	55.89 4.85 0.00	47.17 4.37 -0.01	45.58 4.30 -3.21	43.52 4.21 -1.35	42.29 4.19 -1.37	41.77 3.88 -4.73	41.31 3.67 -6.78	42.70 3.54 -8.91	46.99 3.81 -10.34	62.82 4.45 -20.38	79.40 5.25 -31.08	67.33 4.81 -22.75	50.96 4.34 -8.59	45.90 4.27 -3.84	43.01 4.25 -1.13	38.65 3.64 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00
GRISSOM___SOLAR 323813	36.14 2.46 0.00	32.29 2.20 0.00	30.94 2.10 0.00	30.95 2.16 0.00	31.03 2.19 0.00	37.17 2.75 0.00	51.30 4.88 -0.32	65.40 5.68 0.00	56.30 5.26 0.00	46.31 3.51 0.00	46.01 3.05 -4.89	42.79 2.77 -2.06	40.18 2.46 -0.99	42.00 2.26 -6.59	41.40 2.10 -8.45	41.34 2.15 -8.94	44.37 2.46 -9.06	62.33 3.34 -20.99	83.74 4.13 -36.54	68.93 3.70 -25.46	53.01 4.11 -10.87	44.71 3.21 -3.71	40.63 3.01 0.00	37.49 2.49 0.00
GROVEVILLE___HYD 323602	35.77 2.09 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.21 1.79 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.66 3.62 0.00	45.83 3.04 0.00	44.34 3.08 -3.18	42.22 2.92 -1.34	40.21 2.83 -0.65	40.04 2.59 -4.30	38.74 2.38 -5.51	38.35 2.27 -5.83	41.40 2.50 -6.06	55.23 3.19 -14.04	71.30 3.79 -24.45	60.22 3.42 -17.03	48.39 3.08 -7.27	43.22 2.95 -2.48	40.52 2.90 0.00	37.49 2.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.15 0.47 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.32 0.60 0.00	51.40 0.36 0.00	43.22 0.43 0.00	39.32 0.53 -0.71	38.56 0.30 -0.30	37.06 0.18 -0.14	34.24 0.13 -0.96	32.18 0.09 -1.23	31.67 0.12 -1.30	34.32 0.13 -1.34	41.55 0.46 -3.10	49.28 0.82 -5.40	44.29 0.76 -3.76	40.10 0.46 -1.61	38.49 0.15 -0.55	37.92 0.30 0.00	35.32 0.32 0.00
HAMLTNNY_34_KV_TB 80303	34.32 0.64 0.00	30.73 0.63 0.00	29.47 0.63 0.00	29.42 0.63 0.00	29.50 0.66 0.00	35.14 0.72 0.00	46.97 0.83 -0.05	60.97 1.25 0.00	51.91 0.87 0.00	43.65 0.86 0.00	39.73 0.91 -0.74	38.92 0.65 -0.31	37.32 0.44 -0.15	34.52 0.36 -1.00	32.45 0.31 -1.29	31.98 0.36 -1.36	34.64 0.39 -1.40	42.08 0.84 -3.25	50.01 1.29 -5.66	44.86 1.15 -3.94	40.51 0.80 -1.68	38.82 0.45 -0.57	38.26 0.64 0.00	35.60 0.60 0.00
HAMPSHIRE___PAPER_HYD 323593	33.82 0.14 0.00	30.13 0.03 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.69 -0.14 0.00	34.35 -0.07 0.00	45.97 -0.14 -0.01	59.96 0.24 0.00	51.50 0.46 0.00	43.18 0.38 0.00	38.41 0.15 -0.18	37.96 -0.08 -0.08	36.25 -0.51 -0.04	32.71 -0.70 -0.25	30.56 -0.62 -0.32	30.11 -0.49 -0.34	32.67 -0.53 -0.35	38.53 -0.26 -0.80	44.20 -0.26 -1.40	40.50 -0.24 -0.97	38.52 0.08 -0.41	37.93 0.00 -0.14	37.62 0.00 0.00	35.04 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	35.00 1.31 0.00	31.27 1.17 0.00	29.96 1.12 0.00	29.94 1.15 0.00	29.99 1.15 0.00	35.87 1.45 0.00	48.08 1.98 -0.01	61.75 2.03 0.00	53.13 2.09 0.00	44.16 1.37 0.00	39.45 1.30 -0.08	39.17 1.18 -0.03	37.66 0.92 -0.02	33.99 0.73 -0.11	31.61 0.62 -0.13	30.97 0.57 -0.14	33.65 0.66 -0.14	39.24 0.91 -0.33	44.85 1.20 -0.58	41.37 1.19 -0.41	39.73 1.52 -0.17	39.10 1.25 -0.06	38.90 1.28 0.00	36.23 1.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.33 1.65 0.00	31.51 1.41 0.00	30.19 1.36 0.00	30.12 1.32 0.00	30.16 1.33 0.00	35.90 1.48 0.00	49.28 3.00 -0.19	63.18 3.46 0.00	53.95 2.91 0.00	45.24 2.44 0.00	43.54 2.59 -2.88	41.64 2.47 -1.22	38.93 2.39 0.19	38.84 2.22 -3.47	37.65 2.07 -4.73	37.47 1.94 -5.28	40.47 2.14 -5.49	53.44 2.74 -12.71	68.56 3.36 -22.13	58.21 3.02 -15.42	47.32 2.70 -6.58	42.57 2.53 -2.25	40.07 2.45 0.00	37.07 2.07 0.00

HARSNRAD_115KV_TB1 81005	33.24 -0.44 0.00	30.01 -0.09 0.00	28.80 -0.03 0.00	28.65 -0.14 0.00	28.78 -0.06 0.00	34.35 -0.07 0.00	44.72 -1.43 -0.05	56.97 -2.75 0.00	47.93 -3.11 0.00	41.17 -1.63 0.00	37.92 -0.99 -0.83	37.17 -1.14 -0.35	35.43 -1.47 -0.17	33.06 -1.23 -1.13	31.07 -1.23 -1.45	30.51 -1.27 -1.53	33.18 -1.25 -1.58	40.40 -1.25 -3.66	48.91 -0.52 -6.37	43.65 -0.56 -4.44	38.52 -1.41 -1.89	36.32 -2.12 -0.65	36.72 -0.90 0.00	34.27 -0.74 0.00
HARZA MOOSE__RIVER 24016	34.69 1.01 0.00	30.97 0.87 0.00	29.64 0.81 0.00	29.60 0.81 0.00	29.64 0.81 0.00	35.52 1.10 0.00	47.68 1.57 -0.01	61.69 1.97 0.00	52.67 1.63 0.00	44.12 1.33 0.00	39.51 1.22 -0.21	39.15 1.10 -0.09	37.43 0.66 -0.04	33.87 0.43 -0.29	31.69 0.46 -0.37	31.25 0.61 -0.39	33.84 0.59 -0.41	40.11 1.18 -0.94	46.30 1.59 -1.64	42.34 1.43 -1.14	39.93 1.41 -0.49	39.13 1.17 -0.17	38.68 1.05 0.00	35.88 0.88 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.82 0.13 0.00	30.25 0.15 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.01 0.17 0.00	34.56 0.14 0.00	46.05 -0.09 -0.04	59.42 -0.30 0.00	50.63 -0.41 0.00	42.58 -0.21 0.00	38.74 0.00 -0.67	38.13 -0.11 -0.28	36.65 -0.22 -0.14	33.86 -0.20 -0.90	31.83 -0.19 -1.16	31.33 -0.15 -1.23	33.88 -0.23 -1.26	40.92 0.00 -2.93	48.42 0.26 -5.09	43.52 0.20 -3.55	39.51 -0.04 -1.52	38.01 -0.30 -0.52	37.47 -0.15 0.00	34.90 -0.11 0.00
HELLGATE_13_KV_LD 55870	35.97 2.29 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.68 1.85 0.00	36.52 2.10 0.00	49.72 3.41 -0.21	63.72 4.00 0.00	54.66 3.62 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.06 3.18 -4.73	39.61 2.96 -5.79	38.97 2.84 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.66 3.96 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.05 3.42 0.00	37.95 2.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.97 2.29 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.68 1.85 0.00	36.52 2.10 0.00	49.72 3.41 -0.21	63.72 4.00 0.00	54.66 3.62 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.06 3.18 -4.73	39.61 2.96 -5.79	38.97 2.84 -5.87	42.04 3.09 -6.11	55.64 3.50 -14.15	71.66 3.96 -24.64	60.47 3.54 -17.16	48.48 3.12 -7.33	43.69 3.40 -2.50	41.05 3.42 0.00	37.95 2.94 0.00
HEMPSTEAD____ 23647	36.04 2.36 0.00	32.05 1.96 0.00	30.56 1.73 0.00	30.49 1.70 0.00	30.54 1.70 0.00	36.90 2.48 0.00	50.37 4.06 -0.21	64.74 5.02 0.00	55.58 4.54 0.00	46.82 4.02 0.00	45.12 3.84 -3.20	43.07 3.72 -1.39	41.82 3.71 -1.38	41.45 3.45 -4.85	41.05 3.27 -6.92	42.46 3.15 -9.06	46.57 3.38 -10.34	62.37 3.99 -20.39	78.89 4.74 -31.08	66.86 4.34 -22.76	50.51 3.88 -8.59	45.45 3.82 -3.84	42.60 3.84 -1.13	38.26 3.26 0.00
HEWLETT__69_KV_BK3 55828	36.24 2.56 0.00	32.24 2.14 0.00	30.76 1.93 0.00	30.69 1.90 0.00	30.80 1.96 0.00	36.79 2.37 0.00	50.64 4.33 -0.21	64.98 5.26 0.00	55.58 4.54 0.00	46.86 4.07 0.00	45.27 4.00 -3.20	43.22 3.91 -1.35	41.95 3.86 -1.37	41.46 3.58 -4.73	41.03 3.39 -6.78	42.39 3.24 -8.90	46.69 3.51 -10.33	62.44 4.07 -20.38	79.01 4.87 -31.08	66.97 4.45 -22.75	50.69 4.07 -8.58	45.63 4.01 -3.83	42.70 3.95 -1.13	38.37 3.36 0.00
HICKLING__1 23621	34.76 1.08 0.00	31.21 1.11 0.00	29.99 1.15 0.00	29.89 1.09 0.00	30.02 1.18 0.00	35.80 1.38 0.00	47.69 1.52 -0.08	61.69 1.97 0.00	52.06 1.02 0.00	43.95 1.16 0.00	40.30 1.07 -1.16	39.24 0.80 -0.49	37.48 0.51 -0.24	35.18 0.46 -1.56	33.23 0.37 -2.00	32.71 0.33 -2.12	35.52 0.49 -2.18	44.15 1.10 -5.06	53.93 2.07 -8.80	47.81 1.91 -6.13	41.87 1.22 -2.62	39.29 0.60 -0.89	39.05 1.43 0.00	36.27 1.26 0.00
HICKLING__2 23622	34.76 1.08 0.00	31.21 1.11 0.00	29.99 1.15 0.00	29.89 1.09 0.00	30.02 1.18 0.00	35.80 1.38 0.00	47.69 1.52 -0.08	61.69 1.97 0.00	52.06 1.02 0.00	43.95 1.16 0.00	40.30 1.07 -1.16	39.24 0.80 -0.49	37.48 0.51 -0.24	35.18 0.46 -1.56	33.23 0.37 -2.00	32.71 0.33 -2.12	35.52 0.49 -2.18	44.15 1.10 -5.06	53.93 2.07 -8.80	47.81 1.91 -6.13	41.87 1.22 -2.62	39.29 0.60 -0.89	39.05 1.43 0.00	36.27 1.26 0.00
HIGH FALLS__HY 23754	35.74 2.05 0.00	31.84 1.75 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.14 1.72 0.00	49.62 3.32 -0.21	63.60 3.88 0.00	54.31 3.27 0.00	45.41 2.61 0.00	43.87 2.67 -3.13	41.83 2.54 -1.32	39.79 2.42 -0.64	39.68 2.29 -4.24	38.42 2.13 -5.43	38.03 2.03 -5.75	41.06 2.27 -5.95	54.74 2.96 -13.78	70.67 3.62 -23.99	59.75 3.26 -16.71	48.06 2.89 -7.14	42.95 2.72 -2.44	40.29 2.67 0.00	37.28 2.28 0.00
HILLBURN__GT 23639	35.20 1.52 0.00	31.42 1.32 0.00	30.07 1.24 0.00	30.00 1.21 0.00	30.02 1.18 0.00	35.87 1.45 0.00	49.20 2.91 -0.19	63.00 3.28 0.00	54.10 3.06 0.00	45.28 2.48 0.00	43.54 2.55 -2.91	41.65 2.43 -1.26	38.78 2.35 0.30	38.88 2.19 -3.54	37.79 2.07 -4.87	37.66 1.94 -5.47	40.53 2.13 -5.55	53.47 2.62 -12.85	68.71 3.27 -22.38	58.30 2.94 -15.59	47.43 2.74 -6.66	42.48 2.42 -2.27	40.03 2.41 0.00	36.96 1.96 0.00
HILLSIDE_115KV_TB1 80332	34.26 0.57 0.00	30.76 0.66 0.00	29.52 0.69 0.00	29.45 0.66 0.00	29.56 0.72 0.00	35.25 0.83 0.00	46.96 0.78 -0.08	60.68 0.96 0.00	51.19 0.15 0.00	43.22 0.43 0.00	39.68 0.42 -1.18	38.61 0.15 -0.50	36.93 -0.04 -0.24	34.72 -0.03 -1.60	32.85 -0.06 -2.05	32.30 -0.12 -2.17	35.08 0.00 -2.23	43.63 0.46 -5.18	53.32 1.25 -9.01	47.20 1.15 -6.28	41.25 0.53 -2.68	38.67 -0.04 -0.91	38.38 0.75 0.00	35.71 0.70 0.00
HISHELDN_WT_PWR 323625	33.89 0.20 0.00	30.52 0.42 0.00	29.29 0.46 0.00	29.19 0.40 0.00	29.24 0.40 0.00	34.80 0.38 0.00	45.74 -0.42 -0.06	58.58 -1.14 0.00	49.15 -1.89 0.00	40.83 -1.97 0.00	38.50 -0.50 -0.92	37.60 -0.76 -0.40	35.85 -1.07 -0.19	33.56 -0.86 -1.27	31.55 -0.92 -1.62	31.03 -0.94 -1.72	33.73 -0.85 -1.74	41.38 -0.65 -4.03	50.34 0.26 -7.02	44.86 0.20 -4.89	39.55 -0.57 -2.09	37.07 -1.44 -0.71	37.47 -0.15 0.00	35.04 0.04 0.00
HOLTSVILLE_IC_1 23690	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.34 4.92 0.00	53.27 6.96 -0.22	66.82 7.10 0.00	58.49 7.45 0.00	48.79 5.99 0.00	46.95 5.67 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	69.02 6.48 -22.76	52.38 5.74 -8.60	47.54 5.89 -3.85	44.70 5.94 -1.14	39.66 4.66 0.00
HOLTSVILLE_IC_10 23699	37.15 3.47 0.00	32.81 2.71 0.00	31.05 2.22 0.00	31.06 2.27 0.00	31.09 2.25 0.00	39.41 4.99 0.00	53.41 7.10 -0.22	67.12 7.40 0.00	58.69 7.65 0.00	49.00 6.20 0.00	47.14 5.86 -3.21	45.00 5.66 -1.39	43.62 5.51 -1.39	43.21 5.21 -4.85	42.91 5.12 -6.93	44.58 5.26 -9.06	48.81 5.62 -10.35	64.77 6.38 -20.39	81.61 7.45 -31.09	69.26 6.72 -22.76	52.53 5.90 -8.60	47.76 6.12 -3.85	44.89 6.13 -1.14	39.84 4.83 0.00

HOLTSVILLE_IC_2 23691	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.34 4.92 0.00	53.27 6.96 -0.22	66.82 7.10 0.00	58.49 7.45 0.00	48.79 5.99 0.00	46.95 5.67 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	69.02 6.48 -22.76	52.38 5.74 -8.60	47.54 5.89 -3.85	44.70 5.94 -1.14	39.66 4.66 0.00
HOLTSVILLE_IC_3 23692	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.34 4.92 0.00	53.27 6.96 -0.22	66.82 7.10 0.00	58.49 7.45 0.00	48.79 5.99 0.00	46.95 5.67 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	69.02 6.48 -22.76	52.38 5.74 -8.60	47.54 5.89 -3.85	44.70 5.94 -1.14	39.66 4.66 0.00
HOLTSVILLE_IC_4 23693	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.34 4.92 0.00	53.27 6.96 -0.22	66.82 7.10 0.00	58.49 7.45 0.00	48.79 5.99 0.00	46.95 5.67 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	69.02 6.48 -22.76	52.38 5.74 -8.60	47.54 5.89 -3.85	44.70 5.94 -1.14	39.66 4.66 0.00
HOLTSVILLE_IC_5 23694	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.34 4.92 0.00	53.27 6.96 -0.22	66.82 7.10 0.00	58.49 7.45 0.00	48.79 5.99 0.00	46.95 5.67 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	69.02 6.48 -22.76	52.38 5.74 -8.60	47.54 5.89 -3.85	44.70 5.94 -1.14	39.66 4.66 0.00
HOLTSVILLE_IC_6 23695	37.15 3.47 0.00	32.81 2.71 0.00	31.05 2.22 0.00	31.06 2.27 0.00	31.09 2.25 0.00	39.41 4.99 0.00	53.41 7.10 -0.22	67.12 7.40 0.00	58.69 7.65 0.00	49.00 6.20 0.00	47.14 5.86 -3.21	45.00 5.66 -1.39	43.62 5.51 -1.39	43.21 5.21 -4.85	42.91 5.12 -6.93	44.58 5.26 -9.06	48.81 5.62 -10.35	64.77 6.38 -20.39	81.61 7.45 -31.09	69.26 6.72 -22.76	52.53 5.90 -8.60	47.76 6.12 -3.85	44.89 6.13 -1.14	39.84 4.83 0.00
HOLTSVILLE_IC_7 23696	37.15 3.47 0.00	32.81 2.71 0.00	31.05 2.22 0.00	31.06 2.27 0.00	31.09 2.25 0.00	39.41 4.99 0.00	53.41 7.10 -0.22	67.12 7.40 0.00	58.69 7.65 0.00	49.00 6.20 0.00	47.14 5.86 -3.21	45.00 5.66 -1.39	43.62 5.51 -1.39	43.21 5.21 -4.85	42.91 5.12 -6.93	44.58 5.26 -9.06	48.81 5.62 -10.35	64.77 6.38 -20.39	81.61 7.45 -31.09	69.26 6.72 -22.76	52.53 5.90 -8.60	47.76 6.12 -3.85	44.89 6.13 -1.14	39.84 4.83 0.00
HOLTSVILLE_IC_8 23697	37.15 3.47 0.00	32.81 2.71 0.00	31.05 2.22 0.00	31.06 2.27 0.00	31.09 2.25 0.00	39.41 4.99 0.00	53.41 7.10 -0.22	67.12 7.40 0.00	58.69 7.65 0.00	49.00 6.20 0.00	47.14 5.86 -3.21	45.00 5.66 -1.39	43.62 5.51 -1.39	43.21 5.21 -4.85	42.91 5.12 -6.93	44.58 5.26 -9.06	48.81 5.62 -10.35	64.77 6.38 -20.39	81.61 7.45 -31.09	69.26 6.72 -22.76	52.53 5.90 -8.60	47.76 6.12 -3.85	44.89 6.13 -1.14	39.84 4.83 0.00
HOLTSVILLE_IC_9 23698	37.15 3.47 0.00	32.81 2.71 0.00	31.05 2.22 0.00	31.06 2.27 0.00	31.09 2.25 0.00	39.41 4.99 0.00	53.41 7.10 -0.22	67.12 7.40 0.00	58.69 7.65 0.00	49.00 6.20 0.00	47.14 5.86 -3.21	45.00 5.66 -1.39	43.62 5.51 -1.39	43.21 5.21 -4.85	42.91 5.12 -6.93	44.58 5.26 -9.06	48.81 5.62 -10.35	64.77 6.38 -20.39	81.61 7.45 -31.09	69.26 6.72 -22.76	52.53 5.90 -8.60	47.76 6.12 -3.85	44.89 6.13 -1.14	39.84 4.83 0.00
HOMER_HL_115KV_TB2 355744	34.15 0.47 0.00	30.82 0.72 0.00	29.64 0.81 0.00	29.54 0.75 0.00	29.64 0.81 0.00	35.42 1.00 0.00	46.20 0.05 -0.06	60.08 0.36 0.00	50.17 -0.87 0.00	42.67 -0.13 0.00	38.09 -0.91 -0.93	37.18 -1.18 -0.39	35.41 -1.51 -0.19	33.19 -1.23 -1.26	31.21 -1.27 -1.61	30.66 -1.30 -1.71	33.36 -1.25 -1.76	41.12 -0.95 -4.08	50.25 0.09 -7.10	44.80 0.08 -4.95	39.35 -0.80 -2.11	36.81 -1.70 -0.72	38.19 0.56 0.00	35.67 0.67 0.00
HOWARD_WT_PWR 323690	35.03 1.35 0.00	31.51 1.41 0.00	30.22 1.38 0.00	30.14 1.35 0.00	30.25 1.41 0.00	35.97 1.55 0.00	47.64 1.47 -0.07	61.33 1.61 0.00	51.66 0.61 0.00	42.58 -0.21 0.00	39.70 0.61 -1.02	38.63 0.23 -0.44	36.79 -0.15 -0.21	34.46 -0.10 -1.40	32.44 -0.21 -1.80	31.94 -0.21 -1.90	34.74 -0.03 -1.92	43.22 0.76 -4.46	52.77 1.94 -7.76	47.05 1.87 -5.41	41.60 1.25 -2.31	38.85 0.27 -0.79	38.94 1.32 0.00	36.34 1.33 0.00
HQ_GEN_CEDARS 23644	33.41 -0.27 0.00	29.83 -0.27 0.00	28.54 -0.29 0.00	28.53 -0.26 0.00	28.52 -0.32 0.00	34.08 -0.34 0.00	45.36 -0.74 0.00	59.30 -0.42 0.00	50.89 -0.15 0.00	42.58 -0.21 0.00	37.58 -0.49 0.00	37.39 -0.57 0.00	36.18 -0.55 0.00	32.59 -0.56 0.00	30.30 -0.56 0.00	29.74 -0.51 0.00	32.29 -0.56 0.00	37.27 -0.72 0.00	41.94 -1.12 0.00	38.82 -0.95 0.00	37.35 -0.68 0.00	37.38 -0.42 0.00	37.13 -0.49 0.00	34.59 -0.42 0.00
HQ_GEN_CEDARS_PROXY 323590	33.41 -0.27 0.00	29.80 -0.30 0.00	28.54 -0.29 0.00	28.53 -0.26 0.00	28.52 -0.32 0.00	34.04 -0.38 0.00	45.36 -0.74 0.00	59.31 -0.42 0.00	50.89 -0.15 0.00	42.67 -0.13 0.00	37.54 -0.53 0.00	37.39 -0.57 0.00	36.18 -0.55 0.00	32.59 -0.56 0.00	30.30 -0.55 0.00	29.74 -0.51 0.00	32.29 -0.56 0.00	37.27 -0.72 0.00	41.94 -1.12 0.00	38.82 -0.95 0.00	37.35 -0.68 0.00	37.38 -0.41 0.00	37.13 -0.49 0.00	34.59 -0.42 0.00
HQ_GEN_IMPORT 323601	33.24 -0.44 0.00	29.71 -0.39 0.00	28.46 -0.38 0.00	28.42 -0.38 0.00	28.46 -0.38 0.00	34.01 -0.41 0.00	45.31 -0.78 0.00	59.18 -0.54 0.00	50.58 -0.46 0.00	42.37 -0.43 0.00	37.39 -0.68 0.00	37.35 -0.61 0.00	36.25 -0.48 0.00	32.72 -0.43 0.00	30.45 -0.40 0.00	29.86 -0.39 0.00	32.42 -0.43 0.00	37.35 -0.65 0.00	42.08 -0.99 0.00	38.89 -0.88 0.00	37.35 -0.68 0.00	37.34 -0.45 0.00	37.10 -0.53 0.00	34.52 -0.49 0.00
HQ_GEN_WHEEL 23651	33.24 -0.44 0.00	29.71 -0.39 0.00	28.46 -0.38 0.00	28.42 -0.38 0.00	28.46 -0.38 0.00	34.01 -0.41 0.00	45.31 -0.78 0.00	59.18 -0.54 0.00	50.58 -0.46 0.00	42.37 -0.43 0.00	37.39 -0.68 0.00	37.35 -0.61 0.00	36.25 -0.48 0.00	32.72 -0.43 0.00	30.45 -0.40 0.00	29.86 -0.39 0.00	32.42 -0.43 0.00	37.35 -0.65 0.00	42.08 -0.99 0.00	38.89 -0.88 0.00	37.35 -0.68 0.00	37.34 -0.45 0.00	37.10 -0.53 0.00	34.52 -0.49 0.00
HUDSON_AVE_GT_3 23810	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.51 3.42 -1.36	41.03 3.15 -4.73	39.58 2.93 -5.79	38.94 2.81 -5.87	42.01 3.05 -6.11	55.68 3.53 -14.15	71.92 4.22 -24.63	60.75 3.82 -17.16	48.74 3.38 -7.33	43.66 3.36 -2.50	40.97 3.35 0.00	37.88 2.87 0.00

HUDSON AVE_GT_4 23540	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.51 3.42 -1.36	41.03 3.15 -4.73	39.58 2.93 -5.79	38.94 2.81 -5.87	42.01 3.05 -6.11	55.68 3.53 -14.15	71.92 4.22 -24.63	60.75 3.82 -17.16	48.74 3.38 -7.33	43.66 3.36 -2.50	40.97 3.35 0.00	37.88 2.87 0.00
HUDSON AVE_GT_5 23657	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.51 3.42 -1.36	41.03 3.15 -4.73	39.58 2.93 -5.79	38.94 2.81 -5.87	42.01 3.05 -6.11	55.68 3.53 -14.15	71.92 4.22 -24.63	60.75 3.82 -17.16	48.74 3.38 -7.33	43.66 3.36 -2.50	40.97 3.35 0.00	37.88 2.87 0.00
HUDSON_AVE_10 24168	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.43 1.64 0.00	30.57 1.73 0.00	36.42 2.00 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	54.92 3.88 0.00	46.26 3.47 0.00	44.82 3.54 -3.20	42.77 3.45 -1.35	41.51 3.42 -1.36	41.03 3.15 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.01 3.05 -6.11	55.68 3.53 -14.15	71.92 4.22 -24.63	60.75 3.82 -17.16	48.74 3.38 -7.33	43.66 3.36 -2.50	40.97 3.35 0.00	37.88 2.87 0.00
HUDSON___115KV_TB 4 355613	34.76 1.08 0.00	31.06 0.96 0.00	29.70 0.86 0.00	29.65 0.86 0.00	29.67 0.84 0.00	35.35 0.93 0.00	48.65 2.30 -0.25	62.23 2.51 0.00	53.29 2.25 0.00	44.68 1.88 0.00	43.57 1.56 -3.94	41.03 1.40 -1.66	39.00 1.32 -0.95	39.69 1.13 -5.41	38.75 1.02 -6.87	38.53 1.06 -7.22	41.32 1.18 -7.29	56.49 1.60 -16.90	74.37 1.89 -29.42	61.97 1.71 -20.49	48.46 1.67 -8.75	42.33 1.55 -2.99	39.39 1.77 0.00	36.55 1.54 0.00
HUNTER MOUNT___DRP 323613	34.96 1.28 0.00	31.21 1.11 0.00	29.84 1.01 0.00	29.80 1.01 0.00	29.79 0.95 0.00	35.45 1.03 0.00	48.88 2.54 -0.25	62.59 2.87 0.00	53.59 2.55 0.00	44.81 2.01 0.00	43.44 1.56 -3.80	40.93 1.37 -1.61	38.75 1.25 -0.78	39.36 1.06 -5.15	38.38 0.93 -6.59	38.20 0.97 -6.98	41.00 1.08 -7.07	56.02 1.63 -16.39	73.49 1.89 -28.53	61.31 1.67 -19.87	48.19 1.67 -8.48	42.24 1.55 -2.90	39.47 1.84 0.00	36.62 1.61 0.00
HUNTINGTON_RES_REC 323705	36.61 2.93 0.00	32.51 2.41 0.00	30.88 2.05 0.00	30.84 2.04 0.00	30.88 2.05 0.00	38.03 3.61 0.00	51.75 5.44 -0.22	66.05 6.33 0.00	56.96 5.92 0.00	47.89 5.09 0.00	46.16 4.87 -3.21	44.09 4.74 -1.39	42.78 4.67 -1.39	42.38 4.38 -4.85	42.01 4.23 -6.93	43.50 4.18 -9.07	47.69 4.50 -10.34	63.59 5.21 -20.39	80.31 6.16 -31.09	68.14 5.61 -22.76	51.54 4.91 -8.60	46.63 4.99 -3.85	43.77 5.00 -1.14	39.13 4.13 0.00
HUNTLEY___63 23557	33.62 -0.07 0.00	30.28 0.18 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	45.14 -1.01 -0.06	57.57 -2.15 0.00	48.49 -2.55 0.00	41.64 -1.16 0.00	38.28 -0.65 -0.85	37.52 -0.80 -0.36	35.73 -1.18 -0.17	33.37 -0.93 -1.15	31.31 -1.02 -1.47	30.78 -1.03 -1.56	33.47 -0.99 -1.61	40.73 -0.99 -3.72	49.41 -0.13 -6.48	44.08 -0.20 -4.51	38.86 -1.10 -1.93	36.64 -1.81 -0.66	37.06 -0.56 0.00	34.59 -0.42 0.00
HUNTLEY___64 23558	33.62 -0.07 0.00	30.28 0.18 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	45.14 -1.01 -0.06	57.57 -2.15 0.00	48.49 -2.55 0.00	41.64 -1.16 0.00	38.28 -0.65 -0.85	37.52 -0.80 -0.36	35.73 -1.18 -0.17	33.37 -0.93 -1.15	31.31 -1.02 -1.47	30.78 -1.03 -1.56	33.47 -0.99 -1.61	40.73 -0.99 -3.72	49.41 -0.13 -6.48	44.08 -0.20 -4.51	38.86 -1.10 -1.93	36.64 -1.81 -0.66	37.06 -0.56 0.00	34.59 -0.42 0.00
HUNTLEY___65 23559	33.62 -0.07 0.00	30.28 0.18 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	45.14 -1.01 -0.06	57.57 -2.15 0.00	48.49 -2.55 0.00	41.64 -1.16 0.00	38.28 -0.65 -0.85	37.52 -0.80 -0.36	35.73 -1.18 -0.17	33.37 -0.93 -1.15	31.31 -1.02 -1.47	30.78 -1.03 -1.56	33.47 -0.99 -1.61	40.73 -0.99 -3.72	49.41 -0.13 -6.48	44.08 -0.20 -4.51	38.86 -1.10 -1.93	36.64 -1.81 -0.66	37.06 -0.56 0.00	34.59 -0.42 0.00
HUNTLEY___66 23560	33.62 -0.07 0.00	30.28 0.18 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	45.14 -1.01 -0.06	57.57 -2.15 0.00	48.49 -2.55 0.00	41.64 -1.16 0.00	38.28 -0.65 -0.85	37.52 -0.80 -0.36	35.73 -1.18 -0.17	33.37 -0.93 -1.15	31.31 -1.02 -1.47	30.78 -1.03 -1.56	33.47 -0.99 -1.61	40.73 -0.99 -3.72	49.41 -0.13 -6.48	44.08 -0.20 -4.51	38.86 -1.10 -1.93	36.64 -1.81 -0.66	37.06 -0.56 0.00	34.59 -0.42 0.00
HUNTLEY___67 23561	33.38 -0.30 0.00	30.07 -0.03 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.84 0.00 0.00	34.45 0.03 0.00	44.86 -1.29 -0.06	57.15 -2.57 0.00	48.08 -2.96 0.00	41.30 -1.50 0.00	37.98 -0.95 -0.86	37.22 -1.10 -0.36	35.51 -1.40 -0.18	33.12 -1.19 -1.16	31.14 -1.20 -1.49	30.62 -1.21 -1.57	33.29 -1.18 -1.62	40.58 -1.18 -3.76	49.14 -0.47 -6.55	43.85 -0.48 -4.56	38.65 -1.33 -1.95	36.42 -2.04 -0.66	36.91 -0.71 0.00	34.45 -0.56 0.00
HUNTLEY___68 23562	33.38 -0.30 0.00	30.07 -0.03 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.84 0.00 0.00	34.45 0.03 0.00	44.86 -1.29 -0.06	57.15 -2.57 0.00	48.08 -2.96 0.00	41.30 -1.50 0.00	37.98 -0.95 -0.86	37.22 -1.10 -0.36	35.51 -1.40 -0.18	33.12 -1.19 -1.16	31.14 -1.20 -1.49	30.62 -1.21 -1.57	33.29 -1.18 -1.62	40.58 -1.18 -3.76	49.14 -0.47 -6.55	43.85 -0.48 -4.56	38.65 -1.33 -1.95	36.42 -2.04 -0.66	36.91 -0.71 0.00	34.45 -0.56 0.00
HYLAND___LFGE 323620	35.40 1.72 0.00	31.78 1.68 0.00	30.48 1.64 0.00	30.37 1.58 0.00	30.45 1.61 0.00	36.28 1.86 0.00	47.26 1.10 -0.06	61.99 2.27 0.00	51.40 0.36 0.00	42.75 -0.04 0.00	39.59 0.61 -0.91	38.46 0.11 -0.39	36.55 -0.37 -0.19	34.18 -0.23 -1.25	32.21 -0.25 -1.61	31.83 -0.12 -1.70	34.80 0.23 -1.72	43.24 1.25 -3.99	52.64 2.63 -6.95	47.08 2.47 -4.84	41.20 1.10 -2.07	39.25 0.76 -0.71	39.02 1.39 0.00	37.04 2.03 0.00
INDECK___CORINTH 23802	34.32 0.64 0.00	30.64 0.54 0.00	29.32 0.49 0.00	29.28 0.49 0.00	29.30 0.46 0.00	35.07 0.65 0.00	48.30 1.94 -0.27	62.17 2.45 0.00	53.23 2.19 0.00	44.81 2.01 0.00	44.05 1.75 -4.22	41.25 1.52 -1.77	39.14 1.40 -1.02	40.04 1.13 -5.76	39.07 0.90 -7.32	38.88 0.94 -7.69	41.69 1.05 -7.80	57.54 1.48 -18.06	76.36 1.85 -31.44	63.31 1.63 -21.90	48.87 1.48 -9.35	42.53 1.55 -3.19	38.98 1.35 0.00	36.13 1.12 0.00
INDECK___ILION 23567	34.52 0.84 0.00	30.85 0.75 0.00	29.55 0.72 0.00	29.51 0.72 0.00	29.56 0.72 0.00	35.35 0.93 0.00	47.39 1.29 -0.01	61.03 1.31 0.00	52.16 1.12 0.00	43.74 0.94 0.00	39.03 0.88 -0.08	38.83 0.84 -0.03	37.44 0.70 -0.02	33.85 0.60 -0.10	31.51 0.52 -0.13	30.91 0.51 -0.14	33.58 0.59 -0.14	39.09 0.76 -0.33	44.64 0.99 -0.58	41.09 0.91 -0.41	39.08 0.87 -0.17	38.72 0.87 -0.06	38.49 0.87 0.00	35.81 0.81 0.00

INDECK___OLEAN 23982	34.15 0.47 0.00	30.85 -0.75 0.00	29.64 0.81 0.00	29.54 0.75 0.00	29.59 0.75 0.00	35.24 0.82 0.00	46.25 0.09 -0.06	60.08 0.36 0.00	50.07 -0.97 0.00	40.40 -2.40 0.00	38.13 -0.87 -0.93	37.18 -1.18 -0.40	35.42 -1.51 -0.19	33.21 -1.23 -1.28	31.23 -1.27 -1.64	30.69 -1.30 -1.74	33.36 -1.25 -1.76	41.13 -0.95 -4.08	50.21 0.04 -7.10	44.76 0.04 -4.95	39.38 -0.76 -2.11	36.74 -1.78 -0.72	38.11 0.49 0.00	35.67 0.66 0.00
INDECK___OSWEGO 23783	33.21 -0.47 0.00	29.71 -0.39 0.00	28.46 -0.38 0.00	28.42 -0.38 0.00	28.49 -0.34 0.00	33.97 -0.45 0.00	45.21 -0.92 -0.04	58.23 -1.49 0.00	49.71 -1.33 0.00	41.68 -1.11 0.00	37.82 -0.80 -0.54	37.36 -0.84 -0.23	35.93 -0.92 -0.11	33.07 -0.83 -0.75	31.01 -0.80 -0.96	30.51 -0.76 -1.02	33.06 -0.82 -1.03	39.55 -0.84 -2.39	46.49 -0.73 -4.15	41.99 -0.68 -2.89	38.51 -0.76 -1.24	37.19 -1.02 -0.42	36.72 -0.90 0.00	34.31 -0.70 0.00
INDECK___YERKES 23781	33.65 -0.03 0.00	30.37 0.27 0.00	29.09 0.26 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.52 0.10 0.00	45.23 -0.92 -0.06	57.69 -2.03 0.00	48.44 -2.60 0.00	40.48 -2.31 0.00	38.35 -0.57 -0.85	37.56 -0.76 -0.37	35.77 -1.14 -0.18	33.43 -0.89 -1.17	31.40 -0.96 -1.50	30.84 -1.00 -1.58	33.50 -0.95 -1.61	40.80 -0.91 -3.72	49.46 -0.09 -6.48	44.12 -0.16 -4.51	39.05 -0.91 -1.93	36.60 -1.85 -0.66	37.02 -0.60 0.00	34.62 -0.38 0.00
INDIAN POINT_GT_1 24139	35.43 1.75 0.00	31.60 1.50 0.00	30.25 1.41 0.00	30.17 1.38 0.00	30.25 1.41 0.00	36.04 1.62 0.00	49.49 3.18 -0.21	63.48 3.76 0.00	54.36 3.32 0.00	45.66 2.87 0.00	44.19 2.97 -3.15	42.17 2.88 -1.33	45.70 2.79 -6.18	43.06 2.59 -7.32	40.62 2.44 -7.33	38.32 2.30 -5.77	41.34 2.50 -6.00	54.90 3.00 -13.90	70.88 3.62 -24.20	59.93 3.30 -16.86	48.20 2.97 -7.20	43.08 2.83 -2.46	40.41 2.78 0.00	37.39 2.38 0.00
INDIAN POINT_GT_2 23659	35.43 1.75 0.00	31.60 1.50 0.00	30.25 1.41 0.00	30.17 1.38 0.00	30.25 1.41 0.00	36.04 1.62 0.00	49.49 3.18 -0.21	63.48 3.76 0.00	54.36 3.32 0.00	45.66 2.87 0.00	44.19 2.97 -3.15	42.17 2.88 -1.33	45.70 2.79 -6.18	43.06 2.59 -7.32	40.62 2.44 -7.33	38.32 2.30 -5.77	41.34 2.50 -6.00	54.90 3.00 -13.90	70.88 3.62 -24.20	59.93 3.30 -16.86	48.20 2.97 -7.20	43.08 2.83 -2.46	40.41 2.78 0.00	37.39 2.38 0.00
INDIAN POINT_GT_3 24019	35.43 1.75 0.00	31.60 1.50 0.00	30.25 1.41 0.00	30.17 1.38 0.00	30.25 1.41 0.00	36.04 1.62 0.00	49.49 3.18 -0.21	63.48 3.76 0.00	54.36 3.32 0.00	45.66 2.87 0.00	44.19 2.97 -3.15	42.17 2.88 -1.33	45.70 2.79 -6.18	43.06 2.59 -7.32	40.62 2.44 -7.33	38.32 2.30 -5.77	41.34 2.50 -6.00	54.90 3.00 -13.90	70.88 3.62 -24.20	59.93 3.30 -16.86	48.20 2.97 -7.20	43.08 2.83 -2.46	40.41 2.78 0.00	37.39 2.38 0.00
INDIAN POINT___2 23530	35.30 1.62 0.00	31.51 1.41 0.00	30.16 1.33 0.00	30.09 1.30 0.00	30.10 1.27 0.00	36.00 1.58 0.00	49.34 3.04 -0.20	63.36 3.64 0.00	54.26 3.22 0.00	45.62 2.82 0.00	43.93 2.82 -3.04	41.97 2.70 -1.32	38.37 2.65 1.01	38.91 2.45 -3.31	37.99 2.28 -4.85	38.15 2.18 -5.72	41.01 2.37 -5.80	54.28 2.85 -13.43	69.93 3.49 -23.38	59.24 3.18 -16.29	47.84 2.85 -6.95	42.85 2.68 -2.37	40.29 2.67 0.00	37.25 2.24 0.00
INDIAN POINT___3 23531	35.57 1.89 0.00	31.69 1.60 0.00	30.33 1.50 0.00	30.26 1.47 0.00	30.34 1.50 0.00	36.18 1.76 0.00	49.68 3.37 -0.21	63.66 3.94 0.00	54.56 3.52 0.00	45.88 3.08 0.00	44.42 3.12 -3.23	42.36 3.04 -1.36	41.21 2.98 -1.51	40.74 2.75 -4.84	39.30 2.56 -5.88	38.62 2.45 -5.92	41.66 2.66 -6.15	55.37 3.12 -14.25	71.63 3.75 -24.82	60.48 3.42 -17.29	48.46 3.04 -7.38	43.26 2.95 -2.52	40.56 2.93 0.00	37.49 2.49 0.00
INGHAM_C_115KV_TB7 356103	35.27 1.58 0.00	31.51 1.41 0.00	30.19 1.36 0.00	30.17 1.38 0.00	30.22 1.38 0.00	36.14 1.72 0.00	48.45 2.35 -0.01	62.17 2.45 0.00	53.08 2.04 0.00	44.51 1.71 0.00	39.71 1.56 -0.08	39.43 1.44 -0.03	37.96 1.21 -0.02	34.25 0.99 -0.10	31.85 0.86 -0.13	31.24 0.85 -0.14	33.94 0.95 -0.14	39.58 1.25 -0.33	45.24 1.59 -0.58	41.69 1.51 -0.41	39.69 1.48 -0.17	39.36 1.51 -0.06	39.17 1.54 0.00	36.48 1.47 0.00
IP CORINTH___1 23988	34.49 0.81 0.00	30.79 0.69 0.00	29.47 0.63 0.00	29.45 0.66 0.00	29.47 0.63 0.00	35.21 0.79 0.00	48.58 2.21 -0.27	62.53 2.81 0.00	53.54 2.50 0.00	45.02 2.23 0.00	44.27 1.98 -4.22	41.49 1.75 -1.78	39.37 1.62 -1.02	40.28 1.33 -5.80	39.27 1.05 -7.37	39.11 1.12 -7.74	41.89 1.25 -7.80	57.77 1.71 -18.06	76.62 2.11 -31.44	63.54 1.87 -21.90	49.17 1.79 -9.35	42.76 1.78 -3.19	39.20 1.58 0.00	36.34 1.33 0.00
IP___TICONDEROGA 23804	36.04 2.36 0.00	32.18 2.08 0.00	30.76 1.93 0.00	30.75 1.96 0.00	30.77 1.93 0.00	36.86 2.44 0.00	51.12 4.75 -0.27	65.87 6.15 0.00	56.40 5.36 0.00	47.42 4.62 0.00	46.36 4.07 -4.21	43.34 3.61 -1.78	41.13 3.38 -1.02	41.73 2.78 -5.79	40.53 2.31 -7.36	40.40 2.42 -7.73	43.29 2.66 -7.79	59.64 3.61 -18.04	78.82 4.35 -31.40	65.50 3.86 -21.88	51.14 3.77 -9.34	44.57 3.59 -3.19	40.93 3.31 0.00	37.84 2.84 0.00
ISLIP_RES_REC 323679	37.25 3.57 0.00	32.93 2.83 0.00	31.17 2.33 0.00	31.15 2.36 0.00	31.20 2.37 0.00	39.55 5.13 0.00	53.59 7.28 -0.22	67.48 7.76 0.00	58.95 7.91 0.00	49.22 6.42 0.00	47.33 6.05 -3.21	45.19 5.84 -1.39	43.81 5.69 -1.39	43.37 5.37 -4.85	43.06 5.28 -6.93	44.73 5.41 -9.06	48.98 5.78 -10.35	65.00 6.61 -20.39	81.90 7.75 -31.09	69.49 6.96 -22.76	52.76 6.12 -8.60	47.95 6.31 -3.85	45.08 6.32 -1.14	39.97 4.97 0.00
JAMAICA__27_KV_LOAD 355505	36.31 2.63 0.00	32.27 2.17 0.00	30.85 2.02 0.00	30.75 1.96 0.00	30.91 2.08 0.00	36.83 2.41 0.00	50.64 4.33 -0.21	64.98 5.26 -0.01	55.63 4.59 0.00	46.82 4.02 0.00	45.35 4.07 -3.20	43.30 3.99 -1.35	42.00 3.89 -1.38	41.48 3.58 -4.74	40.03 3.36 -5.81	39.35 3.21 -5.89	42.48 3.51 -6.12	56.22 4.07 -14.16	72.57 4.87 -24.64	61.35 4.41 -17.17	49.28 3.92 -7.33	44.20 3.89 -2.52	41.55 3.91 -0.02	38.37 3.36 0.00
JANIS___SOLAR 323808	36.18 2.49 0.00	32.36 2.26 0.00	31.02 2.19 0.00	31.01 2.22 0.00	31.11 2.28 0.00	37.17 2.75 0.00	50.09 3.92 -0.08	65.03 5.31 0.00	54.36 3.32 0.00	44.93 2.14 0.00	41.44 2.17 -1.20	40.14 1.67 -0.51	38.19 1.21 -0.25	35.86 1.06 -1.65	33.99 1.02 -2.11	33.61 1.12 -2.24	37.01 1.90 -2.26	46.28 3.04 -5.24	56.37 4.18 -9.12	49.95 3.82 -6.36	44.32 3.57 -2.71	41.40 2.68 -0.93	40.45 2.82 0.00	37.49 2.49 0.00
JARVIS____ 23743	33.89 0.20 0.00	30.28 0.18 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.01 0.17 0.00	34.66 0.24 0.00	46.47 0.37 -0.01	60.08 0.36 0.00	51.40 0.36 0.00	43.05 0.26 0.00	38.45 0.30 -0.08	38.29 0.30 -0.03	36.97 0.22 -0.02	33.46 0.20 -0.11	31.18 0.19 -0.13	30.58 0.18 -0.14	33.19 0.20 -0.14	38.60 0.27 -0.33	43.99 0.34 -0.58	40.49 0.32 -0.41	38.55 0.34 -0.17	38.12 0.27 -0.06	37.89 0.27 0.00	35.25 0.25 0.00

JENNISON___1 23625	36.34 2.66 0.00	32.48 2.38 0.00	31.14 2.31 0.00	31.15 2.36 0.00	31.20 2.36 0.00	37.35 2.93 0.00	50.43 4.24 -0.09	65.21 5.49 0.00	54.72 3.67 0.00	45.92 3.12 0.00	42.45 2.97 -1.41	41.21 2.66 -0.60	39.11 2.09 -0.29	36.92 1.86 -1.91	35.03 1.73 -2.44	34.59 1.75 -2.59	37.87 2.36 -2.66	47.55 3.38 -6.17	58.24 4.44 -10.74	51.31 4.06 -7.48	44.92 3.69 -3.19	41.94 3.06 -1.09	40.78 3.16 0.00	37.77 2.77 0.00
JENNISON___2 23626	36.34 2.66 0.00	32.48 2.38 0.00	31.14 2.31 0.00	31.15 2.36 0.00	31.20 2.36 0.00	37.35 2.93 0.00	50.43 4.24 -0.09	65.21 5.49 0.00	54.72 3.67 0.00	45.92 3.12 0.00	42.45 2.97 -1.41	41.21 2.66 -0.60	39.11 2.09 -0.29	36.92 1.86 -1.91	35.03 1.73 -2.44	34.59 1.75 -2.59	37.87 2.36 -2.66	47.55 3.38 -6.17	58.24 4.44 -10.74	51.31 4.06 -7.48	44.92 3.69 -3.19	41.94 3.06 -1.09	40.78 3.16 0.00	37.77 2.77 0.00
JERICHO_RISE_WT_PWR 323719	33.78 0.10 0.00	29.98 -0.12 0.00	28.72 -0.11 0.00	28.76 -0.03 0.00	28.89 0.06 0.00	34.59 0.17 0.00	45.73 -0.37 0.00	59.78 0.06 0.00	50.99 -0.05 0.00	43.01 0.22 0.00	38.00 -0.08 0.00	37.85 -0.11 0.00	36.73 0.00 0.00	33.12 -0.03 0.00	30.79 -0.06 0.00	30.22 -0.03 0.00	32.88 0.03 0.00	38.00 0.00 0.00	42.29 -0.77 0.00	39.37 -0.40 0.00	37.92 -0.11 0.00	37.87 0.08 0.00	37.47 -0.15 0.00	34.83 -0.17 0.00
KATONAH___115KV_46KV_TB4 355592	35.80 2.12 0.00	31.90 1.81 0.00	30.53 1.70 0.00	30.49 1.70 0.00	30.48 1.64 0.00	36.35 1.93 0.00	50.00 3.69 -0.22	64.26 4.54 0.00	55.33 4.29 0.00	46.56 3.77 0.00	45.01 3.69 -3.24	42.82 3.49 -1.37	41.22 3.34 -1.15	40.82 3.02 -4.65	39.39 2.75 -5.78	38.77 2.57 -5.94	41.82 2.79 -6.18	55.77 3.46 -14.32	72.08 4.09 -24.92	60.83 3.70 -17.36	48.87 3.42 -7.41	43.65 3.33 -2.53	40.86 3.24 0.00	37.74 2.73 0.00
KCE_NY_1 323755	35.20 1.52 0.00	31.45 1.36 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.08 1.24 0.00	35.93 1.51 0.00	49.32 2.95 -0.27	63.30 3.58 0.00	54.21 3.17 0.00	45.58 2.78 0.00	44.79 2.51 -4.21	42.08 2.35 -1.77	39.95 2.20 -1.02	40.82 1.92 -5.75	39.86 1.70 -7.30	39.64 1.72 -7.67	42.49 1.87 -7.78	58.40 2.40 -18.01	77.22 2.80 -31.36	64.16 2.55 -21.85	49.76 2.40 -9.33	43.32 2.34 -3.18	39.84 2.22 0.00	36.96 1.96 0.00
KCE_NY_6_ESR 323823	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.31 0.52 0.00	29.33 0.49 0.00	34.90 0.48 0.00	45.74 -0.42 -0.06	58.58 -1.14 0.00	49.10 -1.94 0.00	40.70 -2.10 0.00	38.53 -0.42 -0.88	37.69 -0.65 -0.38	35.92 -0.99 -0.18	33.56 -0.80 -1.21	31.54 -0.86 -1.55	31.01 -0.88 -1.64	33.68 -0.82 -1.66	41.19 -0.65 -3.84	49.97 0.22 -6.69	44.59 0.16 -4.66	39.34 -0.68 -1.99	36.88 -1.59 -0.68	37.55 -0.08 0.00	35.11 0.11 0.00
KEDC_PORT_JEFF_GT2 24210	37.08 3.40 0.00	32.75 2.65 0.00	31.02 2.19 0.00	31.01 2.22 0.00	31.06 2.22 0.00	39.31 4.89 0.00	53.13 6.82 -0.22	66.76 7.04 0.00	58.39 7.35 0.00	48.83 6.04 0.00	46.95 5.67 -3.21	44.85 5.50 -1.39	43.52 5.40 -1.39	43.08 5.07 -4.85	42.78 5.00 -6.93	44.46 5.14 -9.06	48.61 5.42 -10.35	64.51 6.12 -20.39	81.31 7.15 -31.09	68.98 6.44 -22.76	52.34 5.70 -8.60	47.58 5.93 -3.85	44.78 6.02 -1.14	39.70 4.69 0.00
KEDC_PORT_JEFF_GT3 24211	37.08 3.40 0.00	32.75 2.65 0.00	31.02 2.19 0.00	31.01 2.22 0.00	31.06 2.22 0.00	39.31 4.89 0.00	53.13 6.82 -0.22	66.76 7.04 0.00	58.39 7.35 0.00	48.83 6.04 0.00	46.95 5.67 -3.21	44.85 5.50 -1.39	43.52 5.40 -1.39	43.08 5.07 -4.85	42.78 5.00 -6.93	44.46 5.14 -9.06	48.61 5.42 -10.35	64.51 6.12 -20.39	81.31 7.15 -31.09	68.98 6.44 -22.76	52.34 5.70 -8.60	47.58 5.93 -3.85	44.78 6.02 -1.14	39.70 4.69 0.00
KEDC_GLWD_GT4 24219	36.21 2.53 0.00	32.20 2.11 0.00	30.68 1.85 0.00	30.64 1.84 0.00	30.68 1.85 0.00	37.03 2.61 0.00	50.60 4.29 -0.21	65.03 5.31 0.00	55.84 4.80 0.00	47.03 4.24 0.00	45.35 4.08 -3.20	43.29 3.95 -1.39	42.05 3.93 -1.38	41.61 3.61 -4.85	41.21 3.42 -6.92	42.61 3.30 -9.06	46.77 3.58 -10.34	62.60 4.22 -20.39	79.14 4.99 -31.08	67.10 4.57 -22.76	50.73 4.11 -8.59	45.60 3.97 -3.84	42.74 3.99 -1.13	38.40 3.39 0.00
KEDC_GLWD_GT5 24220	36.21 2.53 0.00	32.20 2.11 0.00	30.68 1.85 0.00	30.64 1.84 0.00	30.68 1.85 0.00	37.03 2.61 0.00	50.60 4.29 -0.21	65.03 5.31 0.00	55.84 4.80 0.00	47.03 4.24 0.00	45.35 4.08 -3.20	43.29 3.95 -1.39	42.05 3.93 -1.38	41.61 3.61 -4.85	41.21 3.42 -6.92	42.61 3.30 -9.06	46.77 3.58 -10.34	62.60 4.22 -20.39	79.14 4.99 -31.08	67.10 4.57 -22.76	50.73 4.11 -8.59	45.60 3.97 -3.84	42.74 3.99 -1.13	38.40 3.39 0.00
KENSICO____ 23655	35.60 1.92 0.00	31.72 1.63 0.00	30.36 1.53 0.00	30.29 1.50 0.00	30.39 1.56 0.00	36.21 1.79 0.00	49.72 3.41 -0.21	63.78 4.06 0.00	54.61 3.57 0.00	45.96 3.17 0.00	44.47 3.20 -3.20	42.42 3.11 -1.35	41.20 3.05 -1.42	40.73 2.82 -4.76	39.32 2.65 -5.81	38.63 2.51 -5.87	41.67 2.73 -6.10	55.32 3.19 -14.13	71.50 3.83 -24.60	60.45 3.54 -17.14	48.47 3.12 -7.32	43.31 3.02 -2.50	40.63 3.01 0.00	37.56 2.56 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.74 2.05 0.00	31.84 1.75 0.00	30.45 1.61 0.00	30.37 1.58 0.00	30.42 1.59 0.00	36.14 1.72 0.00	49.66 3.37 -0.19	63.66 3.94 0.00	54.31 3.27 0.00	45.45 2.65 0.00	43.72 2.70 -2.94	41.75 2.54 -1.24	39.75 2.42 -0.60	39.39 2.25 -3.98	38.09 2.13 -5.10	37.68 2.03 -5.40	40.71 2.27 -5.59	53.92 2.96 -12.96	69.29 3.66 -22.56	58.79 3.30 -15.72	47.67 2.93 -6.71	42.84 2.76 -2.29	40.33 2.71 0.00	37.28 2.28 0.00
KIAC_JFK_GT1 23816	36.18 2.49 0.00	32.18 2.08 0.00	30.76 1.93 0.00	30.66 1.87 0.00	30.83 1.99 0.00	36.73 2.31 0.00	50.46 4.15 -0.21	64.80 5.08 -0.01	55.48 4.44 0.00	46.69 3.89 0.00	45.24 3.96 -3.20	43.18 3.87 -1.35	41.89 3.78 -1.38	41.38 3.48 -4.74	39.93 3.27 -5.81	39.29 3.15 -5.89	42.39 3.42 -6.12	56.11 3.95 -14.16	72.40 4.69 -24.64	61.23 4.30 -17.17	49.16 3.80 -7.33	44.09 3.78 -2.52	41.40 3.76 -0.02	38.30 3.29 0.00
KIAC_JFK_GT2 23817	36.18 2.49 0.00	32.18 2.08 0.00	30.76 1.93 0.00	30.66 1.87 0.00	30.83 1.99 0.00	36.73 2.31 0.00	50.46 4.15 -0.21	64.80 5.08 -0.01	55.48 4.44 0.00	46.69 3.89 0.00	45.24 3.96 -3.20	43.18 3.87 -1.35	41.89 3.78 -1.38	41.38 3.48 -4.74	39.93 3.27 -5.81	39.29 3.15 -5.89	42.39 3.42 -6.12	56.11 3.95 -14.16	72.40 4.69 -24.64	61.23 4.30 -17.17	49.16 3.80 -7.33	44.09 3.78 -2.52	41.40 3.76 -0.02	38.30 3.29 0.00
KIAC_JFK____ 323774	36.18 2.49 0.00	32.17 2.08 0.00	30.77 1.93 0.00	30.66 1.87 0.00	30.71 1.87 0.00	36.79 2.37 0.00	50.46 4.15 -0.21	64.80 5.07 -0.01	55.58 4.54 0.00	46.82 4.02 0.00	45.24 3.96 -3.20	43.22 3.87 -1.39	41.91 3.78 -1.39	41.49 3.48 -4.85	40.07 3.27 -5.95	39.44 3.15 -6.04	42.39 3.42 -6.12	56.11 3.95 -14.16	72.40 4.69 -24.64	61.24 4.30 -17.17	49.13 3.77 -7.33	44.05 3.74 -2.52	41.48 3.84 -0.02	38.30 3.29 0.00

KINTIGH____ 23543	33.04 -0.64 0.00	29.74 -0.36 0.00	28.52 -0.32 0.00	28.45 -0.35 0.00	28.52 -0.32 0.00	34.04 -0.38 0.00	44.72 -1.43 -0.05	56.85 -2.87 0.00	47.98 -3.06 0.00	41.13 -1.67 0.00	38.11 -0.76 -0.80	37.42 -0.87 -0.34	35.75 -1.14 -0.16	33.23 -0.99 -1.08	31.25 -0.99 -1.38	30.71 -1.00 -1.46	33.37 -0.99 -1.51	40.53 -0.95 -3.49	48.79 -0.34 -6.07	43.64 -0.36 -4.23	38.70 -1.14 -1.81	36.67 -1.74 -0.62	36.61 -1.02 0.00	34.13 -0.88 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.36 0.67 0.00	30.58 0.48 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.28 0.86 0.00	46.37 0.28 0.00	60.50 0.78 0.00	51.65 0.61 0.00	43.22 0.43 0.00	38.53 0.46 0.00	38.30 0.34 0.00	37.17 0.44 0.00	33.52 0.36 0.00	31.16 0.31 0.00	30.59 0.33 0.00	33.31 0.46 0.00	38.60 0.61 0.00	42.89 -0.17 0.00	40.05 0.28 0.00	38.76 0.72 0.00	38.55 0.76 0.00	38.07 0.45 0.00	35.39 0.39 0.00
LACHUTE__HYDRO 323717	36.04 2.36 0.00	32.17 2.08 0.00	30.77 1.93 0.00	30.75 1.96 0.00	30.77 1.93 0.00	36.90 2.48 0.00	51.12 4.75 -0.27	65.87 6.15 0.00	56.61 5.56 0.00	47.42 4.62 0.00	46.36 4.08 -4.21	43.34 3.61 -1.77	41.12 3.38 -1.02	41.69 2.79 -5.76	40.48 2.32 -7.31	40.35 2.42 -7.68	43.29 2.66 -7.79	59.64 3.61 -18.04	78.81 4.35 -31.40	65.50 3.86 -21.88	51.18 3.80 -9.34	44.57 3.59 -3.19	40.93 3.31 0.00	37.84 2.83 0.00
LAWRNCV_115KV_TB1 80681	33.48 -0.20 0.00	29.89 -0.21 0.00	28.60 -0.23 0.00	28.47 -0.32 0.00	28.35 -0.49 0.00	33.87 -0.55 0.00	45.18 -0.92 -0.01	59.12 -0.60 0.00	51.04 0.00 0.00	42.80 0.00 0.00	37.86 -0.30 -0.09	37.47 -0.53 -0.04	35.90 -0.84 -0.02	32.31 -0.96 -0.12	30.12 -0.89 -0.16	29.57 -0.85 -0.17	32.13 -0.89 -0.17	37.41 -0.99 -0.40	42.38 -1.38 -0.70	39.02 -1.23 -0.48	37.37 -0.87 -0.21	37.30 -0.57 -0.07	37.13 -0.49 0.00	34.66 -0.35 0.00
LEDERLE____ 23769	35.23 1.55 0.00	31.45 1.35 0.00	30.13 1.30 0.00	30.06 1.27 0.00	30.13 1.30 0.00	35.87 1.45 0.00	49.29 3.00 -0.19	63.24 3.52 0.00	54.00 2.96 0.00	45.32 2.52 0.00	43.67 2.67 -2.93	41.74 2.54 -1.24	38.84 2.50 0.38	38.89 2.32 -3.42	37.76 2.16 -4.74	37.68 2.06 -5.37	40.69 2.27 -5.58	53.73 2.81 -12.92	69.01 3.45 -22.50	58.59 3.14 -15.68	47.50 2.78 -6.69	42.68 2.61 -2.28	40.18 2.56 0.00	37.11 2.10 0.00
LIGHTHSE_115KV_TB6 355974	33.82 0.13 0.00	30.22 0.12 0.00	28.95 0.12 0.00	28.91 0.12 0.00	28.98 0.14 0.00	34.63 0.21 0.00	46.22 0.09 -0.03	59.66 -0.06 0.00	50.79 -0.26 0.00	42.58 -0.21 0.00	38.52 -0.08 -0.52	37.99 -0.19 -0.22	36.43 -0.40 -0.11	33.46 -0.40 -0.70	31.32 -0.43 -0.90	30.87 -0.33 -0.95	33.47 -0.36 -0.98	40.23 -0.04 -2.27	47.28 0.26 -3.95	42.76 0.24 -2.75	39.29 0.08 -1.18	38.04 -0.15 -0.40	37.55 -0.08 0.00	34.97 -0.04 0.00
LINDEN COGEN____ 23786	35.64 1.95 0.00	31.75 1.65 0.00	30.33 1.50 0.00	30.26 1.47 0.00	30.31 1.47 0.00	36.28 1.86 0.00	49.67 3.36 -0.21	63.66 3.94 0.00	54.67 3.62 0.00	46.05 3.25 0.00	44.51 3.23 -3.20	42.54 3.19 -1.39	41.23 3.12 -1.38	40.91 2.92 -4.84	39.53 2.75 -5.93	38.88 2.60 -6.02	41.78 2.83 -6.11	55.37 3.23 -14.15	71.58 3.88 -24.63	60.43 3.50 -17.16	48.44 3.08 -7.33	43.35 3.06 -2.50	40.74 3.12 0.00	37.63 2.63 0.00
LINDHRST_69_KV_BK1 356055	36.55 2.86 0.00	32.48 2.38 0.00	30.88 2.05 0.00	30.84 2.04 0.00	30.97 2.13 0.00	37.04 2.62 0.00	51.29 4.98 -0.21	65.69 5.97 0.00	56.04 5.00 0.00	47.38 4.58 0.00	45.77 4.49 -3.20	43.68 4.37 -1.35	42.47 4.37 -1.37	41.96 4.08 -4.73	41.55 3.92 -6.78	42.97 3.81 -8.91	47.32 4.14 -10.33	63.20 4.83 -20.38	79.87 5.73 -31.08	67.77 5.25 -22.75	51.34 4.72 -8.59	46.24 4.61 -3.84	43.34 4.59 -1.13	38.89 3.89 0.00
LIPA_MISC_IPP 23656	36.98 3.30 0.00	32.66 2.56 0.00	30.91 2.08 0.00	30.92 2.13 0.00	31.09 2.25 0.00	37.10 2.68 0.00	53.46 7.14 -0.22	66.89 7.17 0.00	56.81 5.77 0.00	48.45 5.65 0.00	46.84 5.56 -3.21	44.66 5.35 -1.35	43.31 5.22 -1.37	42.82 4.94 -4.73	42.51 4.88 -6.78	44.21 5.05 -8.91	48.60 5.42 -10.34	64.58 6.19 -20.39	81.38 7.23 -31.08	69.01 6.48 -22.76	52.56 5.93 -8.59	47.53 5.90 -3.84	44.62 5.87 -1.13	39.56 4.55 0.00
LISF__SOLAR 323691	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.95 2.16 0.00	31.00 2.16 0.00	39.55 5.13 0.00	53.59 7.28 -0.22	66.82 7.10 0.00	58.90 7.86 0.00	48.75 5.95 0.00	46.88 5.60 -3.21	44.73 5.39 -1.39	43.37 5.25 -1.39	42.97 4.97 -4.85	42.72 4.94 -6.93	44.43 5.11 -9.06	48.65 5.45 -10.35	64.66 6.27 -20.39	81.48 7.32 -31.09	69.09 6.56 -22.76	52.53 5.90 -8.60	47.61 5.97 -3.85	44.70 5.94 -1.14	39.59 4.58 0.00
LITTLE FALLS__HYD 24013	35.27 1.58 0.00	31.51 1.41 0.00	30.19 1.36 0.00	30.17 1.38 0.00	30.22 1.38 0.00	36.14 1.72 0.00	48.45 2.35 -0.01	62.17 2.45 0.00	53.08 2.04 0.00	44.51 1.71 0.00	39.71 1.56 -0.08	39.43 1.44 -0.03	37.96 1.21 -0.02	34.25 0.99 -0.10	31.85 0.86 -0.13	31.24 0.85 -0.14	33.94 0.95 -0.14	39.58 1.25 -0.33	45.24 1.59 -0.58	41.69 1.51 -0.41	39.69 1.48 -0.17	39.36 1.51 -0.06	39.17 1.54 0.00	36.48 1.47 0.00
LITTLRIV_115KV_TB1 356100	34.22 0.54 0.00	30.52 0.42 0.00	29.18 0.35 0.00	29.08 0.29 0.00	28.92 0.09 0.00	34.66 0.24 0.00	46.29 0.18 -0.01	60.44 0.72 0.00	52.21 1.17 0.00	43.74 0.94 0.00	38.71 0.53 -0.10	38.27 0.27 -0.04	36.49 -0.26 -0.02	32.76 -0.53 -0.14	30.60 -0.43 -0.18	30.08 -0.36 -0.19	32.68 -0.36 -0.20	38.22 -0.23 -0.46	43.43 -0.43 -0.79	40.00 -0.32 -0.55	38.31 0.04 -0.24	38.10 0.23 -0.08	37.92 0.30 0.00	35.39 0.39 0.00
LI_NEWBRDGE__DRP 323616	35.91 2.22 0.00	31.93 1.84 0.00	30.45 1.61 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.45 2.03 0.00	50.18 3.87 -0.21	64.32 4.60 0.00	55.02 3.98 0.00	46.39 3.59 0.00	44.89 3.62 -3.20	42.84 3.53 -1.35	41.62 3.53 -1.37	41.16 3.28 -4.73	40.75 3.12 -6.77	42.12 2.96 -8.90	46.36 3.19 -10.33	62.10 3.72 -20.38	78.62 4.48 -31.08	66.61 4.10 -22.75	50.27 3.65 -8.58	45.22 3.59 -3.83	42.32 3.57 -1.13	38.05 3.05 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.24 -0.44 0.00	30.01 -0.09 0.00	28.80 -0.03 0.00	28.65 -0.14 0.00	28.78 -0.06 0.00	34.35 -0.07 0.00	44.72 -1.43 -0.05	57.03 -2.69 0.00	47.98 -3.06 0.00	41.21 -1.58 0.00	37.95 -0.95 -0.83	37.17 -1.14 -0.35	35.43 -1.47 -0.17	33.05 -1.23 -1.13	31.06 -1.23 -1.44	30.54 -1.24 -1.52	33.20 -1.22 -1.57	40.38 -1.25 -3.64	48.89 -0.52 -6.34	43.63 -0.56 -4.42	38.51 -1.41 -1.89	36.32 -2.12 -0.64	36.72 -0.90 0.00	34.27 -0.74 0.00
LOCKPORT__CC1 323769	33.24 -0.44 0.00	29.98 -0.12 0.00	28.80 -0.03 0.00	28.70 -0.09 0.00	28.69 -0.14 0.00	34.18 -0.24 0.00	44.72 -1.43 -0.05	56.97 -2.75 0.00	47.83 -3.21 0.00	40.06 -2.74 0.00	37.96 -0.95 -0.83	37.18 -1.14 -0.36	35.43 -1.47 -0.17	33.08 -1.23 -1.15	31.09 -1.24 -1.47	30.54 -1.27 -1.56	33.18 -1.25 -1.58	40.40 -1.25 -3.66	48.92 -0.51 -6.37	43.65 -0.56 -4.44	38.59 -1.33 -1.89	36.25 -2.19 -0.65	36.64 -0.98 0.00	34.27 -0.74 0.00

LOCKPORT___CC2 323770	33.24 -0.44 0.00	29.98 -0.12 0.00	28.80 -0.03 0.00	28.70 -0.09 0.00	28.69 -0.14 0.00	34.18 -0.24 0.00	44.72 -1.43 -0.05	56.97 -2.75 0.00	47.83 -3.21 0.00	40.06 -2.74 0.00	37.96 -0.95 -0.83	37.18 -1.14 -0.36	35.43 -1.47 -0.17	33.08 -1.23 -1.15	31.09 -1.24 -1.47	30.54 -1.27 -1.56	33.18 -1.25 -1.58	40.40 -1.25 -3.66	48.92 -0.51 -6.37	43.65 -0.56 -4.44	38.59 -1.33 -1.89	36.25 -2.19 -0.65	36.64 -0.98 0.00	34.27 -0.74 0.00
LOCKPORT___CC3 323771	33.24 -0.44 0.00	29.98 -0.12 0.00	28.80 -0.03 0.00	28.70 -0.09 0.00	28.69 -0.14 0.00	34.18 -0.24 0.00	44.72 -1.43 -0.05	56.97 -2.75 0.00	47.83 -3.21 0.00	40.06 -2.74 0.00	37.96 -0.95 -0.83	37.18 -1.14 -0.36	35.43 -1.47 -0.17	33.08 -1.23 -1.15	31.09 -1.24 -1.47	30.54 -1.27 -1.56	33.18 -1.25 -1.58	40.40 -1.25 -3.66	48.92 -0.51 -6.37	43.65 -0.56 -4.44	38.59 -1.33 -1.89	36.25 -2.19 -0.65	36.64 -0.98 0.00	34.27 -0.74 0.00
LONG_LAKE_PHOENIX 24014	33.55 -0.13 0.00	30.01 -0.09 0.00	28.78 -0.06 0.00	28.70 -0.09 0.00	28.78 -0.06 0.00	34.32 -0.10 0.00	45.72 -0.41 -0.04	58.76 -0.96 0.00	50.12 -0.92 0.00	42.11 -0.68 0.00	38.20 -0.46 -0.58	37.67 -0.53 -0.24	36.22 -0.62 -0.12	33.37 -0.56 -0.78	31.33 -0.52 -1.00	30.80 -0.51 -1.06	33.38 -0.56 -1.09	40.07 -0.46 -2.53	47.21 -0.26 -4.41	42.56 -0.28 -3.07	38.89 -0.46 -1.31	37.56 -0.68 -0.45	37.06 -0.56 0.00	34.59 -0.42 0.00
LOVETT___3 23632	35.03 1.35 0.00	31.27 1.17 0.00	29.99 1.15 0.00	29.89 1.09 0.00	29.99 1.15 0.00	35.69 1.27 0.00	49.01 2.72 -0.19	62.89 3.17 0.00	53.69 2.65 0.00	45.06 2.27 0.00	43.48 2.47 -2.93	41.55 2.35 -1.24	38.64 2.31 0.40	38.69 2.12 -3.41	37.60 2.01 -4.74	37.53 1.91 -5.37	40.50 2.07 -5.59	53.52 2.58 -12.94	68.78 3.19 -22.53	58.37 2.90 -15.70	47.28 2.55 -6.70	42.46 2.38 -2.29	39.99 2.37 0.00	36.93 1.93 0.00
LOVETT___4 23642	35.03 1.35 0.00	31.27 1.17 0.00	29.99 1.15 0.00	29.89 1.09 0.00	29.99 1.15 0.00	35.69 1.27 0.00	49.01 2.72 -0.19	62.89 3.17 0.00	53.69 2.65 0.00	45.06 2.27 0.00	43.48 2.47 -2.93	41.55 2.35 -1.24	38.64 2.31 0.40	38.69 2.12 -3.41	37.60 2.01 -4.74	37.53 1.91 -5.37	40.50 2.07 -5.59	53.52 2.58 -12.94	68.78 3.19 -22.53	58.37 2.90 -15.70	47.28 2.55 -6.70	42.46 2.38 -2.29	39.99 2.37 0.00	36.93 1.93 0.00
LOVETT___5 23593	35.03 1.35 0.00	31.27 1.17 0.00	29.99 1.15 0.00	29.89 1.09 0.00	29.99 1.15 0.00	35.69 1.27 0.00	49.01 2.72 -0.19	62.89 3.17 0.00	53.69 2.65 0.00	45.06 2.27 0.00	43.48 2.47 -2.93	41.55 2.35 -1.24	38.64 2.31 0.40	38.69 2.12 -3.41	37.60 2.01 -4.74	37.53 1.91 -5.37	40.50 2.07 -5.59	53.52 2.58 -12.94	68.78 3.19 -22.53	58.37 2.90 -15.70	47.28 2.55 -6.70	42.46 2.38 -2.29	39.99 2.37 0.00	36.93 1.93 0.00
LOWER RAQUET___HYD 24057	33.52 -0.17 0.00	29.86 -0.24 0.00	28.60 -0.23 0.00	28.47 -0.32 0.00	28.32 -0.52 0.00	33.80 -0.62 0.00	45.09 -1.01 -0.01	59.06 -0.66 0.00	51.09 0.05 0.00	42.92 0.13 0.00	37.91 -0.26 -0.10	37.47 -0.53 -0.04	35.80 -0.96 -0.02	32.20 -1.09 -0.14	30.02 -1.02 -0.18	29.48 -0.97 -0.19	32.02 -1.02 -0.20	37.39 -1.06 -0.46	42.35 -1.51 -0.79	39.01 -1.31 -0.55	37.40 -0.87 -0.24	37.27 -0.61 -0.08	37.13 -0.49 0.00	34.69 -0.32 0.00
LOWER___HUDSON 24059	34.93 1.25 0.00	31.21 1.11 0.00	29.87 1.04 0.00	29.80 1.01 0.00	29.85 1.01 0.00	35.66 1.24 0.00	48.94 2.58 -0.27	62.53 2.81 0.00	53.59 2.55 0.00	45.06 2.27 0.00	44.26 2.05 -4.13	41.70 2.01 -1.74	39.61 1.87 -1.01	40.47 1.66 -5.66	39.55 1.51 -7.18	39.30 1.51 -7.54	42.16 1.67 -7.64	57.71 2.01 -17.70	76.21 2.32 -30.82	63.39 2.15 -21.47	49.21 2.01 -9.17	42.81 1.89 -3.13	39.47 1.84 0.00	36.65 1.65 0.00
LOWVILLE_115KV_TB2 356335	34.52 0.84 0.00	30.82 0.72 0.00	29.50 0.66 0.00	29.45 0.66 0.00	29.47 0.63 0.00	35.35 0.93 0.00	47.45 1.34 -0.02	61.51 1.79 0.00	52.52 1.48 0.00	43.91 1.11 0.00	39.30 0.99 -0.24	38.86 0.80 -0.10	37.11 0.33 -0.05	33.54 0.07 -0.32	31.36 0.09 -0.41	31.02 0.33 -0.43	33.59 0.30 -0.45	39.98 0.95 -1.03	46.24 1.38 -1.80	42.26 1.23 -1.26	39.82 1.26 -0.54	38.96 0.98 -0.18	38.49 0.87 0.00	35.74 0.74 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.16 1.48 0.00	31.42 1.32 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.05 1.21 0.00	35.90 1.48 0.00	49.32 2.95 -0.27	63.24 3.52 0.00	54.15 3.11 0.00	45.53 2.74 0.00	44.76 2.47 -4.21	42.05 2.32 -1.78	39.92 2.17 -1.02	40.83 1.89 -5.79	39.87 1.67 -7.35	39.67 1.69 -7.72	42.49 1.87 -7.78	58.36 2.36 -18.01	77.18 2.76 -31.36	64.16 2.55 -21.85	49.76 2.40 -9.33	43.28 2.31 -3.18	39.80 2.18 0.00	36.93 1.93 0.00
LUTHERNY_35_KV_BK2 355980	35.20 1.52 0.00	31.42 1.32 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.08 1.24 0.00	35.90 1.48 0.00	49.32 2.95 -0.27	63.30 3.58 0.00	54.21 3.16 0.00	45.53 2.74 0.00	44.80 2.51 -4.21	42.09 2.35 -1.78	39.96 2.20 -1.02	40.86 1.92 -5.79	39.90 1.70 -7.35	39.70 1.72 -7.72	42.49 1.87 -7.78	58.40 2.39 -18.01	77.22 2.80 -31.36	64.16 2.55 -21.85	49.79 2.43 -9.33	43.32 2.34 -3.18	39.84 2.22 0.00	36.97 1.96 0.00
LWR___OSWEGATCHIE_HYD 23850	33.82 0.13 0.00	30.16 0.06 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.69 -0.14 0.00	34.35 -0.07 0.00	45.97 -0.14 -0.01	59.96 0.24 0.00	51.50 0.46 0.00	43.14 0.34 0.00	38.41 0.15 -0.18	37.96 -0.08 -0.08	36.25 -0.51 -0.04	32.70 -0.70 -0.25	30.56 -0.62 -0.32	30.10 -0.48 -0.34	32.67 -0.53 -0.35	38.53 -0.27 -0.80	44.20 -0.26 -1.40	40.50 -0.24 -0.97	38.45 0.00 -0.41	37.93 0.00 -0.14	37.62 0.00 0.00	35.04 0.04 0.00
LYONS_FALL_HYD 23570	34.69 1.01 0.00	30.97 0.87 0.00	29.64 0.81 0.00	29.60 0.81 0.00	29.64 0.81 0.00	35.52 1.10 0.00	47.68 1.57 -0.01	61.69 1.97 0.00	52.93 1.89 0.00	44.08 1.28 0.00	39.51 1.22 -0.21	39.15 1.10 -0.09	37.44 0.66 -0.04	33.91 0.46 -0.30	31.70 0.46 -0.38	31.26 0.60 -0.40	33.84 0.59 -0.41	40.12 1.18 -0.94	46.30 1.59 -1.64	42.34 1.43 -1.14	40.15 1.63 -0.49	39.09 1.13 -0.17	38.67 1.05 0.00	35.88 0.88 0.00
MADISON___COUNTY_LFGE 323628	35.20 1.52 0.00	31.42 1.32 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.13 1.30 0.00	36.07 1.65 0.00	48.42 2.30 -0.02	62.59 2.87 0.00	53.34 2.30 0.00	44.72 1.93 0.00	40.27 1.87 -0.33	39.80 1.71 -0.14	38.12 1.32 -0.07	34.75 1.16 -0.44	32.53 1.11 -0.57	32.00 1.15 -0.60	34.71 1.25 -0.62	41.29 1.86 -1.43	48.01 2.45 -2.49	43.65 2.15 -1.73	40.83 2.05 -0.74	39.75 1.70 -0.25	39.24 1.62 0.00	36.37 1.37 0.00
MALONE___115KV_TB1 356076	34.05 0.37 0.00	30.31 0.21 0.00	28.98 0.14 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.83 0.41 0.00	46.14 0.05 0.00	60.44 0.72 0.00	51.81 0.77 0.00	43.31 0.51 0.00	38.38 0.30 0.00	38.11 0.15 0.00	36.84 0.11 0.00	33.19 0.03 0.00	30.86 0.00 0.00	30.28 0.03 0.00	32.94 0.10 0.00	38.19 0.19 0.00	42.68 -0.39 0.00	39.65 -0.12 0.00	38.22 0.19 0.00	38.09 0.30 0.00	37.70 0.08 0.00	35.11 0.11 0.00

MAPLEWOD_115KV_TB3 80458	34.83 1.15 0.00	31.12 1.02 0.00	29.76 0.92 0.00	29.71 0.92 0.00	29.76 0.92 0.00	35.52 1.10 0.00	48.80 2.44 -0.26	62.35 2.63 0.00	53.44 2.40 0.00	44.94 2.14 0.00	44.16 1.98 -4.10	41.63 1.94 -1.73	39.58 1.84 -1.01	40.39 1.59 -5.65	39.51 1.48 -7.17	39.26 1.48 -7.52	42.04 1.61 -7.58	57.50 1.94 -17.57	75.89 2.24 -30.58	63.14 2.07 -21.31	49.07 1.94 -9.10	42.75 1.85 -3.10	39.35 1.73 0.00	36.55 1.54 0.00
MAPLE_RIDGE_WT_1 323574	33.18 -0.50 0.00	29.65 -0.45 0.00	28.49 -0.34 0.00	28.50 -0.29 0.00	28.58 -0.26 0.00	34.14 -0.28 0.00	45.68 -0.42 0.00	59.31 -0.42 0.00	50.69 -0.35 0.00	42.50 -0.30 0.00	37.66 -0.42 0.00	37.46 -0.49 0.00	36.22 -0.51 0.00	32.62 -0.53 0.00	30.33 -0.52 0.00	29.74 -0.51 0.00	32.35 -0.49 0.00	37.50 -0.50 0.00	42.46 -0.60 0.00	39.29 -0.48 0.00	37.69 -0.34 0.00	37.53 -0.26 0.00	37.25 -0.38 0.00	34.66 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	33.18 -0.50 0.00	29.65 -0.45 0.00	28.49 -0.34 0.00	28.50 -0.29 0.00	28.58 -0.26 0.00	34.14 -0.28 0.00	45.68 -0.42 0.00	59.31 -0.42 0.00	50.69 -0.35 0.00	42.50 -0.30 0.00	37.66 -0.42 0.00	37.46 -0.49 0.00	36.22 -0.51 0.00	32.62 -0.53 0.00	30.33 -0.52 0.00	29.74 -0.51 0.00	32.35 -0.49 0.00	37.50 -0.50 0.00	42.46 -0.60 0.00	39.29 -0.48 0.00	37.69 -0.34 0.00	37.53 -0.26 0.00	37.25 -0.38 0.00	34.66 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	33.92 0.24 0.00	30.10 0.00 0.00	28.80 -0.03 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.73 0.31 0.00	45.87 -0.23 0.00	59.84 0.12 0.00	51.04 0.00 0.00	43.05 0.26 0.00	38.15 0.08 0.00	37.96 0.00 0.00	36.84 0.11 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.28 0.03 0.00	32.95 0.10 0.00	38.11 0.11 0.00	42.42 -0.64 0.00	39.49 -0.28 0.00	38.07 0.04 0.00	38.02 0.23 0.00	37.59 -0.04 0.00	34.97 -0.03 0.00
MARSHVLE_115KV_TB1 80742	35.10 1.41 0.00	31.36 1.26 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.11 1.27 0.00	36.07 1.65 0.00	49.61 3.18 -0.33	63.90 4.18 0.00	54.36 3.32 0.00	45.45 2.65 0.00	45.58 2.36 -5.14	42.26 2.13 -2.17	39.54 1.76 -1.05	41.67 1.56 -6.96	41.28 1.51 -8.91	41.11 1.42 -9.43	44.05 1.68 -9.53	62.48 2.39 -22.09	84.62 3.10 -38.45	69.34 2.78 -26.79	52.09 2.62 -11.44	44.11 2.42 -3.90	39.84 2.22 0.00	36.83 1.82 0.00
MARSH_HILL_WT_PWR 323713	35.00 1.31 0.00	31.48 1.39 0.00	30.19 1.36 0.00	30.12 1.33 0.00	30.22 1.38 0.00	35.93 1.51 0.00	47.59 1.43 -0.07	61.27 1.55 0.00	51.60 0.56 0.00	42.54 -0.26 0.00	39.69 0.61 -1.01	38.62 0.23 -0.43	36.83 -0.11 -0.21	34.44 -0.10 -1.39	32.45 -0.18 -1.78	31.95 -0.18 -1.88	34.75 0.00 -1.91	43.13 0.72 -4.42	52.65 1.89 -7.69	46.96 1.83 -5.36	41.50 1.18 -2.29	38.80 0.23 -0.78	38.90 1.28 0.00	36.30 1.30 0.00
MCINTYRE_115KV_TB2 80467	34.79 1.11 0.00	31.00 0.90 0.00	29.64 0.81 0.00	29.57 0.78 0.00	29.41 0.58 0.00	35.31 0.89 0.00	47.16 1.06 -0.01	61.69 1.97 0.00	53.18 2.14 0.00	44.46 1.67 0.00	39.36 1.18 -0.10	38.88 0.87 -0.04	37.01 0.26 -0.02	33.26 -0.03 -0.14	31.13 0.09 -0.18	30.60 0.15 -0.19	33.24 0.20 -0.20	39.02 0.57 -0.46	44.42 0.56 -0.79	40.88 0.56 -0.55	39.18 0.91 -0.24	38.89 1.02 -0.08	38.71 1.09 0.00	36.06 1.05 0.00
MECO____69_KV_BK1 80468	36.14 2.46 0.00	32.30 2.20 0.00	30.94 2.10 0.00	30.95 2.16 0.00	31.00 2.16 0.00	37.14 2.72 0.00	51.30 4.89 -0.32	65.33 5.61 0.00	55.58 4.54 0.00	46.35 3.55 0.00	46.01 3.05 -4.89	42.80 2.77 -2.07	40.19 2.46 -1.00	42.03 2.25 -6.62	41.43 2.10 -8.48	41.37 2.15 -8.97	44.37 2.46 -9.06	62.33 3.34 -20.99	83.74 4.13 -36.54	68.93 3.70 -25.46	52.44 3.54 -10.87	44.75 3.25 -3.71	40.60 2.97 0.00	37.49 2.49 0.00
MENANDS_115KV_TB5 355628	34.69 1.01 0.00	31.00 0.90 0.00	29.64 0.81 0.00	29.60 0.81 0.00	29.62 0.78 0.00	35.35 0.93 0.00	48.57 2.21 -0.26	62.11 2.39 0.00	53.24 2.19 0.00	44.76 1.97 0.00	44.00 1.83 -4.10	41.47 1.78 -1.73	39.43 1.69 -1.01	40.28 1.49 -5.64	39.41 1.39 -7.16	39.16 1.39 -7.51	41.90 1.48 -7.57	57.33 1.79 -17.54	75.63 2.02 -30.54	62.92 1.87 -21.28	48.87 1.75 -9.08	42.56 1.66 -3.10	39.20 1.58 0.00	36.44 1.44 0.00
MG INDUSTRY__DRP 24185	34.76 1.08 0.00	31.06 0.96 0.00	29.76 0.92 0.00	29.68 0.89 0.00	29.70 0.87 0.00	35.42 1.00 0.00	48.47 2.12 -0.26	61.99 2.27 0.00	53.08 2.04 0.00	44.59 1.80 0.00	43.77 1.71 -3.98	41.31 1.67 -1.68	39.24 1.54 -0.97	40.02 1.39 -5.48	39.08 1.27 -6.96	38.83 1.27 -7.31	41.56 1.35 -7.36	56.69 1.63 -17.06	74.66 1.89 -29.70	62.21 1.75 -20.69	48.54 1.67 -8.83	42.39 1.59 -3.01	39.20 1.58 0.00	36.41 1.40 0.00
MID__OSWEGATCHIE_HYD 23849	33.82 0.13 0.00	30.16 0.06 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.69 -0.14 0.00	34.35 -0.07 0.00	45.97 -0.14 -0.01	59.96 0.24 0.00	51.50 0.46 0.00	43.14 0.34 0.00	38.41 0.15 -0.18	37.96 -0.08 -0.08	36.25 -0.51 -0.04	32.70 -0.70 -0.25	30.56 -0.62 -0.32	30.10 -0.48 -0.34	32.67 -0.53 -0.35	38.53 -0.27 -0.80	44.20 -0.26 -1.40	40.50 -0.24 -0.97	38.45 0.00 -0.41	37.93 0.00 -0.14	37.62 0.00 0.00	35.04 0.04 0.00
MID__RAQUETTE_HYD 23851	33.51 -0.17 0.00	29.89 -0.21 0.00	28.60 -0.23 0.00	28.47 -0.32 0.00	28.32 -0.52 0.00	33.83 -0.59 0.00	45.09 -1.01 -0.01	59.06 -0.66 0.00	51.09 0.05 0.00	42.84 0.04 0.00	37.91 -0.27 -0.10	37.47 -0.53 -0.04	35.80 -0.95 -0.02	32.20 -1.09 -0.14	30.02 -1.02 -0.18	29.48 -0.97 -0.19	32.02 -1.02 -0.20	37.39 -1.06 -0.46	42.35 -1.51 -0.79	39.01 -1.31 -0.55	37.36 -0.91 -0.24	37.27 -0.60 -0.08	37.10 -0.53 0.00	34.69 -0.32 0.00
MILLIKEN__1 23584	35.03 1.35 0.00	31.36 1.26 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.11 1.27 0.00	35.90 1.48 0.00	48.19 2.03 -0.07	63.06 3.34 0.00	53.44 2.40 0.00	44.85 2.05 0.00	40.95 1.87 -1.01	39.68 1.29 -0.43	37.96 1.03 -0.21	35.42 0.90 -1.37	33.42 0.80 -1.76	32.90 0.79 -1.86	35.76 1.02 -1.90	44.11 1.71 -4.40	53.14 2.41 -7.66	47.34 2.23 -5.34	42.10 1.79 -2.28	39.89 1.32 -0.78	39.17 1.54 0.00	36.34 1.33 0.00
MILLIKEN__2 23585	35.03 1.35 0.00	31.36 1.26 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.11 1.27 0.00	35.90 1.48 0.00	48.19 2.03 -0.07	63.06 3.34 0.00	53.44 2.40 0.00	44.85 2.05 0.00	40.95 1.87 -1.01	39.68 1.29 -0.43	37.96 1.03 -0.21	35.42 0.90 -1.37	33.42 0.80 -1.76	32.90 0.79 -1.86	35.76 1.02 -1.90	44.11 1.71 -4.40	53.14 2.41 -7.66	47.34 2.23 -5.34	42.10 1.79 -2.28	39.89 1.32 -0.78	39.17 1.54 0.00	36.34 1.33 0.00
MILLIKEN__DIESEL 23629	35.03 1.35 0.00	31.36 1.26 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.11 1.27 0.00	35.90 1.48 0.00	48.19 2.03 -0.07	63.06 3.34 0.00	53.44 2.40 0.00	44.85 2.05 0.00	40.95 1.87 -1.01	39.68 1.29 -0.43	37.96 1.03 -0.21	35.42 0.90 -1.37	33.42 0.80 -1.76	32.90 0.79 -1.86	35.76 1.02 -1.90	44.11 1.71 -4.40	53.14 2.41 -7.66	47.34 2.23 -5.34	42.10 1.79 -2.28	39.89 1.32 -0.78	39.17 1.54 0.00	36.34 1.33 0.00

MILLSEAT___LFGE 323607	33.72 0.03 0.00	30.37 0.27 0.00	29.18 0.35 0.00	29.08 0.29 0.00	29.07 0.23 0.00	34.59 0.17 0.00	45.64 -0.51 -0.05	58.53 -1.19 0.00	49.15 -1.89 0.00	41.08 -1.71 0.00	38.74 -0.15 -0.82	37.93 -0.38 -0.35	36.13 -0.77 -0.17	33.68 -0.60 -1.13	31.62 -0.68 -1.45	31.09 -0.69 -1.53	33.77 -0.63 -1.55	41.21 -0.38 -3.59	49.74 0.43 -6.25	44.44 0.32 -4.35	39.44 -0.45 -1.86	37.07 -1.36 -0.63	37.32 -0.30 0.00	34.80 -0.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.54 1.85 0.00	31.69 1.60 0.00	30.30 1.47 0.00	30.23 1.44 0.00	30.34 1.50 0.00	36.14 1.72 0.00	49.63 3.32 -0.21	63.66 3.94 0.00	54.51 3.47 0.00	45.83 3.04 0.00	44.34 3.08 -3.18	42.30 3.00 -1.34	43.87 2.94 -4.20	42.11 2.69 -6.27	40.10 2.53 -6.72	38.51 2.42 -5.83	41.54 2.63 -6.06	55.16 3.12 -14.05	71.27 3.75 -24.46	60.23 3.42 -17.04	48.35 3.04 -7.27	43.22 2.95 -2.48	40.52 2.90 0.00	37.49 2.49 0.00
MILLWOOD_13_KV_LOAD 356217	35.64 1.95 0.00	31.75 1.66 0.00	30.39 1.56 0.00	30.32 1.53 0.00	30.39 1.56 0.00	36.21 1.79 0.00	49.76 3.46 -0.21	63.84 4.12 0.00	54.66 3.62 0.00	46.01 3.21 0.00	44.49 3.24 -3.18	42.41 3.11 -1.34	43.98 3.05 -4.20	42.21 2.78 -6.27	40.19 2.62 -6.72	38.57 2.48 -5.83	41.60 2.69 -6.06	55.28 3.23 -14.05	71.40 3.88 -24.46	60.35 3.54 -17.04	48.50 3.19 -7.27	43.37 3.10 -2.48	40.67 3.05 0.00	37.60 2.59 0.00
MODEL_CITY_ENERGY 24167	32.84 -0.84 0.00	29.62 -0.48 0.00	28.52 -0.32 0.00	28.42 -0.38 0.00	28.37 -0.46 0.00	33.80 -0.62 0.00	44.17 -1.98 -0.06	56.20 -3.52 0.00	47.11 -3.93 0.00	39.54 -3.25 0.00	37.50 -1.41 -0.84	36.73 -1.59 -0.36	35.03 -1.87 -0.17	32.72 -1.59 -1.16	30.76 -1.57 -1.48	30.21 -1.60 -1.57	32.82 -1.61 -1.59	39.96 -1.71 -3.67	48.39 -1.07 -6.40	43.16 -1.07 -4.46	38.15 -1.79 -1.90	35.79 -2.65 -0.65	36.19 -1.43 0.00	33.85 -1.15 0.00
MODERN_LFGE___ 323580	32.84 -0.84 0.00	29.62 -0.48 0.00	28.52 -0.32 0.00	28.42 -0.38 0.00	28.37 -0.46 0.00	33.80 -0.62 0.00	44.17 -1.98 -0.06	56.20 -3.52 0.00	47.11 -3.93 0.00	39.54 -3.25 0.00	37.50 -1.41 -0.84	36.73 -1.59 -0.36	35.03 -1.87 -0.17	32.72 -1.59 -1.16	30.76 -1.57 -1.48	30.21 -1.60 -1.57	32.82 -1.61 -1.59	39.96 -1.71 -3.67	48.39 -1.07 -6.40	43.16 -1.07 -4.46	38.15 -1.79 -1.90	35.79 -2.65 -0.65	36.19 -1.43 0.00	33.85 -1.15 0.00
MOHAWK_PAPER___DRP 24187	34.83 1.15 0.00	31.12 1.02 0.00	29.76 0.92 0.00	29.71 0.92 0.00	29.76 0.92 0.00	35.52 1.10 0.00	48.80 2.44 -0.26	62.35 2.63 0.00	53.44 2.40 0.00	44.94 2.14 0.00	44.16 1.98 -4.10	41.63 1.94 -1.73	39.58 1.84 -1.01	40.39 1.59 -5.65	39.51 1.48 -7.17	39.26 1.48 -7.52	42.04 1.61 -7.58	57.50 1.94 -17.57	75.89 2.24 -30.58	63.14 2.07 -21.31	49.07 1.94 -9.10	42.75 1.85 -3.10	39.35 1.73 0.00	36.55 1.54 0.00
MOHICAN___35_KV_115KV_LD 80490	34.90 1.21 0.00	31.15 1.05 0.00	29.81 0.98 0.00	29.80 1.01 0.00	29.82 0.98 0.00	35.66 1.24 0.00	49.13 2.77 -0.27	63.24 3.52 0.00	54.15 3.11 0.00	45.49 2.70 0.00	44.68 2.40 -4.21	41.90 2.16 -1.78	39.77 2.02 -1.02	40.63 1.69 -5.79	39.63 1.42 -7.36	39.43 1.45 -7.72	42.24 1.61 -7.78	58.19 2.17 -18.03	77.08 2.63 -31.39	63.98 2.35 -21.87	49.61 2.24 -9.33	43.17 2.19 -3.19	39.62 1.99 0.00	36.72 1.72 0.00
MONGAUP___HYD 23641	35.37 1.68 0.00	31.54 1.44 0.00	30.25 1.41 0.00	30.17 1.38 0.00	30.10 1.27 0.00	35.90 1.48 0.00	49.14 2.86 -0.19	62.76 3.04 0.00	53.69 2.65 0.00	45.15 2.35 0.00	43.20 2.32 -2.80	41.37 2.20 -1.21	38.79 2.09 0.03	38.62 1.92 -3.54	37.44 1.82 -4.77	37.30 1.78 -5.26	40.19 2.00 -5.34	52.75 2.40 -12.36	67.55 2.97 -21.52	57.47 2.71 -14.99	47.06 2.62 -6.40	42.36 2.38 -2.18	39.99 2.37 0.00	36.96 1.96 0.00
MONTAUK___DIESEL 23721	38.03 4.35 0.00	33.53 3.43 0.00	31.75 2.91 0.00	31.76 2.97 0.00	31.95 3.11 0.00	38.14 3.72 0.00	55.30 8.99 -0.22	69.34 9.61 0.00	58.85 7.81 0.00	50.16 7.36 0.00	48.40 7.12 -3.21	46.11 6.79 -1.35	44.67 6.57 -1.37	44.05 6.17 -4.73	43.68 6.05 -6.78	45.39 6.23 -8.91	49.98 6.80 -10.34	66.29 7.90 -20.39	83.41 9.26 -31.08	70.88 8.35 -22.76	54.23 7.61 -8.59	49.08 7.44 -3.84	46.01 7.26 -1.13	40.78 5.78 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.06 1.38 0.00	31.60 1.50 0.00	30.36 1.53 0.00	30.23 1.44 0.00	30.31 1.47 0.00	36.28 1.86 0.00	47.49 1.34 -0.06	61.21 1.49 0.00	51.19 0.15 0.00	43.61 0.81 0.00	39.55 0.57 -0.91	38.64 0.30 -0.38	36.77 -0.15 -0.18	34.38 0.00 -1.23	32.21 -0.22 -1.57	31.64 -0.27 -1.66	34.43 -0.13 -1.71	42.23 0.27 -3.97	51.52 1.55 -6.90	45.97 1.39 -4.81	40.51 0.42 -2.05	38.08 -0.42 -0.70	38.83 1.20 0.00	36.23 1.23 0.00
MORTIMER_115KV_TB3 55949	33.62 -0.07 0.00	30.19 0.09 0.00	28.92 0.09 0.00	28.85 0.06 0.00	28.92 0.09 0.00	34.52 0.10 0.00	45.78 -0.37 -0.05	58.88 -0.84 0.00	49.87 -1.17 0.00	42.41 -0.39 0.00	39.03 0.19 -0.76	38.32 0.04 -0.32	36.63 -0.26 -0.16	33.98 -0.20 -1.03	31.93 -0.25 -1.32	31.35 -0.30 -1.40	34.06 -0.23 -1.44	41.41 0.08 -3.33	49.52 0.65 -5.81	44.37 0.56 -4.04	39.61 -0.15 -1.73	37.74 -0.64 -0.59	37.43 -0.19 0.00	34.80 -0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.77 2.09 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.35 1.93 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.65 3.34 -1.35	41.36 3.27 -1.36	40.89 3.02 -4.73	39.49 2.84 -5.79	38.82 2.69 -5.88	41.88 2.92 -6.11	55.53 3.38 -14.15	71.75 4.05 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.50 3.21 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
MUNSVILLE_WIND_PWR 323609	37.59 3.91 0.00	33.59 3.49 0.00	32.15 3.31 0.00	32.19 3.40 0.00	32.30 3.46 0.00	38.69 4.27 0.00	52.27 6.08 -0.09	67.73 8.01 0.00	55.43 4.39 0.00	45.79 2.99 0.00	42.39 3.01 -1.31	41.06 2.54 -0.56	38.91 1.91 -0.27	36.60 1.66 -1.79	34.70 1.54 -2.30	34.32 1.63 -2.43	38.49 3.19 -2.46	48.34 4.63 -5.71	59.16 6.16 -9.93	52.30 5.61 -6.92	46.58 5.59 -2.95	43.14 4.34 -1.01	41.99 4.36 0.00	38.86 3.85 0.00
N SALMON___HYD 24042	34.05 0.37 0.00	30.25 0.15 0.00	28.98 0.14 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.80 0.38 0.00	46.14 0.05 0.00	60.44 0.72 0.00	51.66 0.61 0.00	43.52 0.73 0.00	38.38 0.30 0.00	38.11 0.15 0.00	36.84 0.11 0.00	33.19 0.03 0.00	30.86 0.00 0.00	30.28 0.03 0.00	32.95 0.10 0.00	38.19 0.19 0.00	42.68 -0.39 0.00	39.65 -0.12 0.00	38.19 0.15 0.00	38.09 0.30 0.00	37.70 0.08 0.00	35.11 0.11 0.00
N.AKRON___115KV_KNAPP 355671	33.72 0.03 0.00	30.43 0.33 0.00	29.18 0.35 0.00	29.02 0.23 0.00	29.15 0.32 0.00	34.80 0.38 0.00	45.60 -0.55 -0.05	58.41 -1.31 0.00	49.15 -1.89 0.00	42.07 -0.73 0.00	38.67 -0.23 -0.82	37.89 -0.42 -0.35	36.09 -0.81 -0.17	33.63 -0.63 -1.11	31.60 -0.68 -1.43	31.03 -0.73 -1.51	33.78 -0.62 -1.55	41.14 -0.46 -3.60	49.72 0.39 -6.27	44.42 0.28 -4.37	39.29 -0.61 -1.86	37.11 -1.32 -0.64	37.36 -0.26 0.00	34.80 -0.21 0.00

N.BELMOR_69_KV_BK1 55787	36.21 2.53 0.00	32.21 2.11 0.00	30.68 1.85 0.00	30.63 1.84 0.00	30.74 1.90 0.00	36.73 2.31 0.00	50.60 4.29 -0.21	64.98 5.26 0.00	55.53 4.49 0.00	46.86 4.07 0.00	45.20 3.92 -3.20	43.15 3.83 -1.35	41.92 3.82 -1.37	41.43 3.55 -4.73	41.00 3.36 -6.78	42.40 3.24 -8.91	46.69 3.51 -10.33	62.52 4.14 -20.38	79.05 4.91 -31.08	67.01 4.49 -22.75	50.65 4.03 -8.58	45.63 4.01 -3.84	42.74 3.99 -1.13	38.40 3.40 0.00
N.E_GEN_SANDY PD 24062	35.16 1.48 0.00	31.45 1.36 0.00	30.04 1.21 0.00	30.00 1.21 0.00	30.02 1.18 0.00	35.93 1.51 0.00	49.52 2.99 -0.43	62.75 3.22 0.19	54.00 2.96 0.00	45.41 2.61 0.00	44.13 2.44 -3.62	41.93 2.43 -1.54	40.07 2.32 -1.03	40.38 2.12 -5.10	39.26 1.98 -6.43	38.89 1.94 -6.70	41.74 2.10 -6.79	56.20 2.47 -15.74	73.26 2.80 -27.40	61.48 2.62 -19.09	48.54 2.36 -8.15	42.84 2.27 -2.78	39.88 2.26 0.00	37.00 1.99 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.10 1.41 0.00	31.33 1.23 0.00	30.02 1.18 0.00	29.94 1.15 0.00	30.05 1.21 0.00	35.73 1.31 0.00	49.10 2.81 -0.19	63.01 3.28 0.00	53.80 2.76 0.00	45.15 2.35 0.00	43.51 2.51 -2.93	41.62 2.43 -1.24	38.69 2.35 0.39	38.76 2.19 -3.42	37.63 2.04 -4.74	37.56 1.94 -5.37	40.56 2.14 -5.58	53.59 2.66 -12.93	68.85 3.27 -22.52	58.44 2.98 -15.69	47.35 2.62 -6.70	42.53 2.46 -2.29	40.03 2.41 0.00	37.00 2.00 0.00
N.QUEENS_27_KV_LOAD 356247	35.87 2.19 0.00	31.96 1.87 0.00	30.65 1.82 0.00	30.58 1.79 0.00	30.68 1.85 0.00	36.55 2.13 0.00	49.54 3.23 -0.21	63.60 3.88 0.00	54.51 3.47 0.00	45.92 3.12 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.51 3.42 -1.36	40.99 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	42.01 3.05 -6.11	55.76 3.61 -14.15	71.62 3.92 -24.64	60.43 3.50 -17.16	48.40 3.04 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.91 2.91 0.00
N.TROY___115KV_TB1 355778	34.93 1.25 0.00	31.21 1.11 0.00	29.87 1.04 0.00	29.80 1.01 0.00	29.85 1.01 0.00	35.62 1.20 0.00	48.94 2.58 -0.27	62.53 2.81 0.00	53.54 2.50 0.00	45.02 2.23 0.00	44.26 2.06 -4.13	41.72 2.01 -1.75	39.62 1.87 -1.02	40.50 1.66 -5.69	39.59 1.51 -7.22	39.35 1.51 -7.58	42.16 1.68 -7.64	57.71 2.01 -17.70	76.21 2.33 -30.82	63.39 2.15 -21.47	49.22 2.02 -9.17	42.85 1.93 -3.13	39.43 1.81 0.00	36.65 1.65 0.00
NARROWS_GT1_1 24228	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_2 24229	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_3 24230	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_4 24231	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_5 24232	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_6 24233	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_7 24234	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT1_8 24235	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_1 24236	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_2 24237	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01

NARROWS_GT2_3 24238	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_4 24239	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_5 24240	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_6 24241	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_7 24242	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NARROWS_GT2_8 24243	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.96 1.28 0.00	31.21 1.11 0.00	29.84 1.01 0.00	29.80 1.01 0.00	29.79 0.95 0.00	35.45 1.03 0.00	48.88 2.54 -0.25	62.59 2.87 0.00	53.59 2.55 0.00	44.81 2.01 0.00	43.44 1.56 -3.80	40.93 1.37 -1.61	38.75 1.25 -0.78	39.36 1.06 -5.15	38.38 0.93 -6.59	38.20 0.97 -6.98	41.00 1.08 -7.07	56.02 1.63 -16.39	73.49 1.89 -28.53	61.31 1.67 -19.87	48.19 1.67 -8.48	42.24 1.55 -2.90	39.47 1.84 0.00	36.62 1.61 0.00
NCHELSEA_115KV_TR2 355582	35.70 2.02 0.00	31.84 1.75 0.00	30.45 1.61 0.00	30.37 1.58 0.00	30.42 1.59 0.00	36.18 1.76 0.00	49.72 3.41 -0.21	63.84 4.12 0.00	54.61 3.57 0.00	45.75 2.95 0.00	44.29 3.05 -3.17	42.18 2.88 -1.34	40.13 2.75 -0.65	39.96 2.52 -4.29	38.70 2.35 -5.50	38.31 2.24 -5.81	41.36 2.46 -6.05	55.12 3.12 -14.01	71.20 3.75 -24.39	60.14 3.38 -16.99	48.33 3.04 -7.25	43.18 2.91 -2.48	40.48 2.86 0.00	37.46 2.45 0.00
NEG CAPITAL___MECHNVIL 23645	35.20 1.52 0.00	31.45 1.36 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.10 1.27 0.00	35.97 1.55 0.00	49.41 3.04 -0.27	63.36 3.64 0.00	54.26 3.22 0.00	45.62 2.82 0.00	44.81 2.55 -4.19	42.11 2.39 -1.76	39.98 2.24 -1.01	40.83 1.96 -5.72	39.88 1.76 -7.27	39.64 1.75 -7.63	42.52 1.94 -7.74	58.36 2.43 -17.93	77.16 2.89 -31.21	64.14 2.62 -21.74	49.79 2.47 -9.28	43.30 2.34 -3.17	39.88 2.26 0.00	36.96 1.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.08 -0.61 0.00	29.68 -0.42 0.00	28.43 -0.40 0.00	28.36 -0.43 0.00	28.43 -0.40 0.00	33.87 -0.55 0.00	45.22 -0.92 -0.05	69.34 9.62 0.00	59.77 8.73 0.00	49.13 6.33 0.00	44.89 6.01 -0.80	37.83 -0.45 -0.32	36.19 -0.70 -0.16	33.53 -0.66 -1.04	31.51 -0.68 -1.33	30.94 -0.73 -1.41	33.55 -0.72 -1.42	40.84 -0.45 -3.30	48.81 0.00 -5.74	43.69 -0.08 -4.00	39.17 -0.57 -1.71	37.20 -1.17 -0.58	36.76 -0.86 0.00	34.20 -0.80 0.00
NEG CENTRAL___DRP 24199	34.39 0.71 0.00	30.82 0.72 0.00	29.55 0.72 0.00	29.51 0.72 0.00	29.62 0.78 0.00	35.31 0.89 0.00	47.16 1.01 -0.05	61.21 1.49 0.00	51.91 0.87 0.00	43.78 0.98 0.00	39.90 1.03 -0.80	38.98 0.68 -0.34	37.33 0.44 -0.16	34.60 0.36 -1.08	32.55 0.31 -1.39	32.02 0.30 -1.47	34.78 0.43 -1.51	42.48 0.99 -3.50	50.79 1.64 -6.09	45.53 1.51 -4.24	40.80 0.95 -1.81	38.86 0.45 -0.62	38.41 0.79 0.00	35.67 0.67 0.00
NEG CENTRAL___INDECK 23768	35.06 1.38 0.00	31.51 1.41 0.00	30.19 1.36 0.00	30.09 1.30 0.00	30.16 1.33 0.00	35.93 1.51 0.00	46.57 0.41 -0.06	60.67 0.95 0.00	50.69 -0.35 0.00	42.28 -0.51 0.00	39.33 0.34 -0.91	38.35 0.00 -0.39	36.52 -0.40 -0.19	34.08 -0.33 -1.26	32.10 -0.37 -1.61	31.65 -0.30 -1.70	34.47 -0.10 -1.72	42.63 0.65 -3.99	51.74 1.72 -6.95	46.20 1.59 -4.84	40.59 0.49 -2.07	38.50 0.00 -0.71	38.30 0.68 0.00	36.44 1.44 0.00
NEG CENTRAL___SENECA 23627	34.52 0.84 0.00	30.97 0.87 0.00	29.70 0.86 0.00	29.63 0.83 0.00	29.76 0.92 0.00	35.52 1.10 0.00	47.30 1.15 -0.05	61.21 1.49 0.00	51.81 0.77 0.00	43.74 0.94 0.00	39.90 0.99 -0.84	39.11 0.80 -0.35	37.38 0.48 -0.17	34.68 0.40 -1.13	32.61 0.31 -1.45	32.09 0.30 -1.53	34.89 0.46 -1.58	42.80 1.14 -3.66	51.37 1.94 -6.37	45.96 1.75 -4.44	41.03 1.10 -1.90	38.97 0.53 -0.65	38.56 0.94 0.00	35.81 0.81 0.00
NEG CENTRAL___STATE_STREET 24147	34.49 0.81 0.00	30.88 0.78 0.00	29.61 0.78 0.00	29.57 0.78 0.00	29.64 0.81 0.00	35.35 0.93 0.00	47.30 1.15 -0.05	63.60 3.88 0.00	54.05 3.01 0.00	45.45 2.65 0.00	41.29 2.40 -0.81	39.71 1.40 -0.34	38.03 1.14 -0.17	35.21 0.96 -1.10	33.10 0.83 -1.41	32.44 0.70 -1.49	35.13 0.79 -1.50	42.88 1.41 -3.47	51.14 2.02 -6.05	45.81 1.83 -4.21	41.24 1.41 -1.80	39.39 0.98 -0.61	38.83 1.20 0.00	36.06 1.05 0.00
NEG MILLWOOD___DRP 24198	35.91 2.22 0.00	31.99 1.90 0.00	30.62 1.79 0.00	30.58 1.79 0.00	30.54 1.70 0.00	36.38 1.96 0.00	50.09 3.78 -0.21	64.32 4.60 0.00	55.12 4.08 0.00	46.35 3.55 0.00	44.80 3.50 -3.22	42.62 3.30 -1.36	40.83 3.16 -0.95	40.56 2.88 -4.52	39.19 2.65 -5.68	38.67 2.51 -5.91	41.72 2.73 -6.14	55.69 3.46 -14.24	71.98 4.13 -24.79	60.74 3.70 -17.27	48.87 3.46 -7.37	43.63 3.33 -2.52	40.86 3.24 0.00	37.74 2.73 0.00

NEG NORTH_FLCN_SEA 23793	34.39 0.71 0.00	30.58 0.48 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.25 0.83 0.00	46.14 0.05 0.00	60.08 0.36 0.00	51.35 0.31 0.00	42.92 0.13 0.00	38.45 0.38 0.00	38.22 0.27 0.00	37.10 0.37 0.00	33.45 0.30 0.00	31.10 0.25 0.00	30.50 0.24 0.00	33.21 0.36 0.00	38.45 0.46 0.00	42.55 -0.52 0.00	39.85 0.08 0.00	38.72 0.68 0.00	38.51 0.72 0.00	38.11 0.49 0.00	35.43 0.42 0.00
NEG NORTH_KES_CHATEGAY 23792	33.92 0.24 0.00	30.16 0.06 0.00	28.80 -0.03 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.73 0.31 0.00	45.91 -0.18 0.00	60.02 0.30 0.00	51.35 0.31 0.00	42.92 0.13 0.00	38.11 0.04 0.00	37.96 0.00 0.00	36.80 0.07 0.00	33.22 0.07 0.00	30.89 0.03 0.00	30.31 0.06 0.00	32.98 0.13 0.00	38.15 0.15 0.00	42.50 -0.56 0.00	39.53 -0.24 0.00	38.15 0.11 0.00	37.98 0.19 0.00	37.59 -0.04 0.00	34.94 -0.07 0.00
NEG NORTH___ALICE_FALLS 23915	34.36 0.67 0.00	30.58 0.48 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.28 0.86 0.00	46.37 0.28 0.00	60.50 0.78 0.00	51.65 0.61 0.00	43.22 0.43 0.00	38.53 0.46 0.00	38.30 0.34 0.00	37.17 0.44 0.00	33.52 0.36 0.00	31.16 0.31 0.00	30.59 0.33 0.00	33.31 0.46 0.00	38.60 0.61 0.00	42.89 -0.17 0.00	40.05 0.28 0.00	38.76 0.72 0.00	38.55 0.76 0.00	38.07 0.45 0.00	35.39 0.39 0.00
NEG NORTH___LWR_SARANAC 23913	34.36 0.67 0.00	30.58 0.48 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.28 0.86 0.00	46.37 0.28 0.00	60.50 0.78 0.00	51.65 0.61 0.00	43.22 0.43 0.00	38.53 0.46 0.00	38.30 0.34 0.00	37.17 0.44 0.00	33.52 0.36 0.00	31.16 0.31 0.00	30.59 0.33 0.00	33.31 0.46 0.00	38.60 0.61 0.00	42.89 -0.17 0.00	40.05 0.28 0.00	38.76 0.72 0.00	38.55 0.76 0.00	38.07 0.45 0.00	35.39 0.39 0.00
NEG NORTH___PLATTSBURG 23628	34.36 0.67 0.00	30.49 0.39 0.00	29.21 0.37 0.00	29.28 0.49 0.00	29.41 0.58 0.00	35.24 0.82 0.00	46.37 0.28 0.00	60.49 0.77 0.00	51.50 0.46 0.00	43.48 0.68 0.00	38.53 0.46 0.00	38.30 0.34 0.00	37.17 0.44 0.00	33.52 0.37 0.00	31.16 0.31 0.00	30.59 0.33 0.00	33.31 0.46 0.00	38.60 0.61 0.00	42.89 -0.17 0.00	40.05 0.28 0.00	38.68 0.65 0.00	38.55 0.76 0.00	38.08 0.45 0.00	35.39 0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	33.24 -0.44 0.00	30.01 -0.09 0.00	28.80 -0.03 0.00	28.65 -0.14 0.00	28.78 -0.06 0.00	34.35 -0.07 0.00	44.72 -1.43 -0.05	56.97 -2.75 0.00	47.93 -3.11 0.00	41.17 -1.63 0.00	37.92 -0.99 -0.83	37.17 -1.14 -0.35	35.43 -1.47 -0.17	33.06 -1.23 -1.13	31.07 -1.23 -1.45	30.51 -1.27 -1.53	33.18 -1.25 -1.58	40.40 -1.25 -3.66	48.91 -0.52 -6.37	43.65 -0.56 -4.44	38.52 -1.41 -1.89	36.32 -2.12 -0.65	36.72 -0.90 0.00	34.27 -0.74 0.00
NEG WEST___LANCASTR 23811	34.02 0.34 0.00	30.67 0.57 0.00	29.47 0.63 0.00	29.37 0.58 0.00	29.47 0.63 0.00	35.21 0.79 0.00	45.56 -0.60 -0.06	59.06 -0.66 0.00	49.51 -1.53 0.00	42.28 -0.51 0.00	37.60 -1.37 -0.90	36.74 -1.59 -0.38	35.04 -1.87 -0.18	32.78 -1.59 -1.22	30.84 -1.57 -1.56	30.30 -1.60 -1.65	32.97 -1.58 -1.70	40.45 -1.48 -3.94	49.28 -0.65 -6.86	43.95 -0.60 -4.78	38.63 -1.45 -2.04	36.22 -2.27 -0.70	37.77 0.15 0.00	35.36 0.35 0.00
NEG_PENN_ALLEGHNY 23528	34.59 0.91 0.00	31.00 0.90 0.00	29.73 0.89 0.00	29.68 0.89 0.00	29.76 0.92 0.00	35.45 1.03 0.00	47.66 1.47 -0.09	61.51 1.79 0.00	52.32 1.28 0.00	43.65 0.86 0.00	40.67 1.22 -1.38	39.54 0.99 -0.59	37.79 0.77 -0.29	35.74 0.70 -1.89	33.90 0.62 -2.43	33.42 0.60 -2.57	36.17 0.72 -2.60	45.20 1.18 -6.03	55.36 1.81 -10.49	48.75 1.67 -7.31	42.45 1.29 -3.12	39.69 0.83 -1.06	38.79 1.17 0.00	36.05 1.05 0.00
NEG___GEN_MONROE 24207	33.65 -0.03 0.00	30.22 0.12 0.00	28.98 0.14 0.00	28.88 0.09 0.00	28.92 0.09 0.00	34.52 0.10 0.00	45.64 -0.51 -0.05	58.65 -1.07 0.00	49.56 -1.48 0.00	42.24 -0.56 0.00	38.88 0.04 -0.76	38.09 -0.19 -0.32	36.41 -0.48 -0.16	33.79 -0.40 -1.03	31.72 -0.46 -1.33	31.23 -0.42 -1.40	33.90 -0.39 -1.45	41.19 -0.15 -3.35	49.37 0.47 -5.83	44.31 0.48 -4.06	39.46 -0.30 -1.73	37.55 -0.83 -0.59	37.40 -0.23 0.00	34.87 -0.14 0.00
NEPA___ENERGY 23901	34.29 0.61 0.00	30.94 0.84 0.00	29.73 0.89 0.00	29.63 0.83 0.00	29.73 0.89 0.00	35.49 1.07 0.00	46.48 0.32 -0.06	59.90 0.18 0.00	50.17 -0.87 0.00	42.80 0.00 0.00	38.98 0.00 -0.91	38.11 -0.23 -0.38	36.33 -0.59 -0.19	33.95 -0.43 -1.23	31.94 -0.49 -1.58	31.38 -0.54 -1.67	34.14 -0.43 -1.72	41.86 -0.11 -3.98	50.90 0.90 -6.93	45.43 0.84 -4.83	40.02 -0.08 -2.06	37.59 -0.91 -0.70	38.30 0.68 0.00	35.71 0.70 0.00
NEVERSINK___HYD 23608	35.50 1.82 0.00	31.66 1.56 0.00	30.27 1.44 0.00	30.20 1.41 0.00	30.19 1.36 0.00	35.97 1.55 0.00	49.27 2.99 -0.18	63.24 3.52 0.00	54.21 3.17 0.00	45.28 2.48 0.00	43.29 2.44 -2.78	41.44 2.28 -1.20	39.34 2.17 -0.44	38.91 1.99 -3.77	37.65 1.91 -4.88	37.28 1.82 -5.21	40.16 2.04 -5.28	52.93 2.70 -12.23	67.68 3.32 -21.30	57.63 3.02 -14.84	47.18 2.81 -6.33	42.45 2.49 -2.16	40.07 2.44 0.00	37.04 2.03 0.00
NEWKRMKL_115KV_TB1 55635	34.29 0.61 0.00	30.64 0.54 0.00	29.32 0.49 0.00	29.28 0.49 0.00	29.30 0.46 0.00	34.97 0.55 0.00	48.07 1.71 -0.26	61.39 1.67 0.00	52.67 1.63 0.00	44.29 1.50 0.00	43.57 1.41 -4.09	41.05 1.37 -1.73	39.02 1.29 -1.01	39.91 1.13 -5.63	39.03 1.02 -7.15	38.79 1.03 -7.51	41.49 1.08 -7.56	56.85 1.33 -17.52	75.12 1.55 -30.50	62.41 1.39 -21.25	48.44 1.33 -9.07	42.13 1.25 -3.10	38.79 1.17 0.00	36.02 1.02 0.00
NEWTON___FALLS_HYD 23847	33.82 0.13 0.00	30.16 0.06 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.69 -0.14 0.00	34.35 -0.07 0.00	45.97 -0.14 -0.01	59.96 0.24 0.00	51.50 0.46 0.00	43.14 0.34 0.00	38.41 0.15 -0.18	37.96 -0.08 -0.08	36.25 -0.51 -0.04	32.70 -0.70 -0.25	30.56 -0.62 -0.32	30.10 -0.48 -0.34	32.67 -0.53 -0.35	38.53 -0.27 -0.80	44.20 -0.26 -1.40	40.50 -0.24 -0.97	38.45 0.00 -0.41	37.93 0.00 -0.14	37.62 0.00 0.00	35.04 0.04 0.00
NGRID_A1_DSASP 323792	32.64 -1.04 0.00	29.46 -0.63 0.00	28.14 -0.69 0.00	28.04 -0.75 0.00	28.23 -0.61 0.00	33.39 -1.03 0.00	43.66 -2.49 -0.06	55.36 -4.36 0.00	46.45 -4.59 0.00	39.11 -3.68 0.00	37.20 -1.71 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.45 -1.86 -1.16	30.52 -1.82 -1.48	30.01 -1.81 -1.57	32.57 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.73 -1.51 -4.47	37.73 -2.21 -1.91	35.46 -2.99 -0.65	35.82 -1.81 0.00	33.54 -1.47 0.00
NGRID_A2_DSASP 323793	32.64 -1.04 0.00	29.46 -0.63 0.00	28.14 -0.69 0.00	28.04 -0.75 0.00	28.23 -0.61 0.00	33.39 -1.03 0.00	43.66 -2.49 -0.06	55.36 -4.36 0.00	46.45 -4.59 0.00	39.11 -3.68 0.00	37.20 -1.71 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.45 -1.86 -1.16	30.52 -1.82 -1.48	30.01 -1.81 -1.57	32.57 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.73 -1.51 -4.47	37.73 -2.21 -1.91	35.46 -2.99 -0.65	35.82 -1.81 0.00	33.54 -1.47 0.00

NGRID_A4_DSASP 323807	32.64 -1.04 0.00	29.46 -0.63 0.00	28.14 -0.69 0.00	28.04 -0.75 0.00	28.23 -0.61 0.00	33.39 -1.03 0.00	43.66 -2.49 -0.06	55.36 -4.36 0.00	46.45 -4.59 0.00	39.11 -3.68 0.00	37.20 -1.71 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.45 -1.86 -1.16	30.52 -1.82 -1.48	30.01 -1.81 -1.57	32.57 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.73 -1.51 -4.47	37.73 -2.21 -1.91	35.46 -2.99 -0.65	35.82 -1.81 0.00	33.54 -1.47 0.00
NIAGARA_115E_LBMP 323715	32.64 -1.04 0.00	29.44 -0.66 0.00	28.37 -0.46 0.00	28.27 -0.52 0.00	28.18 -0.66 0.00	33.59 -0.83 0.00	43.85 -2.30 -0.06	55.72 -4.00 0.00	46.70 -4.34 0.00	39.24 -3.55 0.00	37.28 -1.64 -0.84	36.50 -1.82 -0.36	34.81 -2.09 -0.17	32.49 -1.82 -1.16	30.55 -1.79 -1.49	30.04 -1.78 -1.57	32.63 -1.81 -1.59	39.67 -2.01 -3.69	48.07 -1.42 -6.43	42.85 -1.39 -4.48	37.89 -2.05 -1.91	35.53 -2.91 -0.65	35.93 -1.69 0.00	33.64 -1.37 0.00
NIAGARA_115W_LBMP 323714	32.54 -1.15 0.00	29.38 -0.72 0.00	28.06 -0.78 0.00	27.96 -0.84 0.00	28.14 -0.69 0.00	33.28 -1.14 0.00	43.53 -2.63 -0.06	55.18 -4.54 0.00	46.30 -4.75 0.00	39.03 -3.77 0.00	37.09 -1.83 -0.84	36.31 -2.01 -0.36	34.66 -2.24 -0.17	32.35 -1.96 -1.16	30.43 -1.91 -1.48	29.92 -1.90 -1.57	32.47 -1.97 -1.59	39.47 -2.20 -3.68	47.80 -1.68 -6.41	42.60 -1.63 -4.47	37.62 -2.32 -1.91	35.34 -3.10 -0.65	35.71 -1.92 0.00	33.43 -1.57 0.00
NIAGARA_230_LBMP 323716	32.87 -0.81 0.00	29.65 -0.45 0.00	28.43 -0.40 0.00	28.33 -0.46 0.00	28.41 -0.43 0.00	33.73 -0.69 0.00	44.17 -1.98 -0.05	56.02 -3.70 0.00	47.01 -4.03 0.00	39.54 -3.25 0.00	37.54 -1.37 -0.84	36.76 -1.56 -0.36	35.10 -1.80 -0.17	32.74 -1.56 -1.15	30.82 -1.51 -1.47	30.27 -1.54 -1.56	32.88 -1.54 -1.58	40.02 -1.63 -3.66	48.36 -1.07 -6.37	43.17 -1.03 -4.44	38.14 -1.79 -1.89	35.83 -2.61 -0.65	36.19 -1.43 0.00	33.88 -1.12 0.00
NIAGARA__115KV_198_GIBSON 55903	32.54 -1.15 0.00	29.23 -0.87 0.00	28.05 -0.78 0.00	28.10 -0.69 0.00	28.03 -0.81 0.00	33.49 -0.93 0.00	43.52 -2.63 -0.06	55.12 -4.60 0.00	46.45 -4.59 0.00	40.01 -2.78 0.00	37.05 -1.87 -0.84	36.30 -2.01 -0.36	34.66 -2.24 -0.17	32.33 -1.96 -1.14	30.40 -1.91 -1.46	29.89 -1.91 -1.54	32.47 -1.97 -1.59	39.48 -2.20 -3.68	47.80 -1.68 -6.41	42.61 -1.63 -4.47	37.58 -2.36 -1.91	35.42 -3.02 -0.65	35.78 -1.84 0.00	33.43 -1.58 0.00
NIAGARA____ 23760	32.87 -0.81 0.00	29.65 -0.45 0.00	28.43 -0.40 0.00	28.33 -0.46 0.00	28.41 -0.43 0.00	33.73 -0.69 0.00	44.17 -1.98 -0.06	56.02 -3.70 0.00	47.01 -4.03 0.00	39.54 -3.25 0.00	37.54 -1.37 -0.84	36.76 -1.56 -0.36	35.10 -1.80 -0.17	32.75 -1.56 -1.16	30.82 -1.51 -1.48	30.28 -1.54 -1.57	32.89 -1.54 -1.59	40.04 -1.63 -3.67	48.39 -1.07 -6.40	43.19 -1.03 -4.46	38.15 -1.79 -1.90	35.83 -2.61 -0.65	36.19 -1.43 0.00	33.88 -1.12 0.00
NINE_MILE_1 23575	33.01 -0.67 0.00	29.53 -0.57 0.00	28.31 -0.52 0.00	28.24 -0.55 0.00	28.32 -0.52 0.00	33.76 -0.66 0.00	44.89 -1.24 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.49 -1.07 -0.48	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.79 -1.03 -0.66	30.75 -0.96 -0.85	30.21 -0.94 -0.90	32.70 -1.05 -0.91	39.04 -1.06 -2.10	45.69 -1.03 -3.66	41.33 -0.99 -2.55	38.06 -1.06 -1.09	36.88 -1.29 -0.37	36.50 -1.13 0.00	34.06 -0.94 0.00
NINE_MILE_2 23744	33.01 -0.67 0.00	29.53 -0.57 0.00	28.31 -0.52 0.00	28.24 -0.55 0.00	28.32 -0.52 0.00	33.76 -0.66 0.00	44.89 -1.24 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.49 -1.07 -0.48	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.78 -1.03 -0.66	30.74 -0.96 -0.84	30.21 -0.94 -0.89	32.70 -1.05 -0.90	39.03 -1.06 -2.09	45.68 -1.03 -3.65	41.32 -0.99 -2.54	38.05 -1.06 -1.08	36.88 -1.29 -0.37	36.50 -1.13 0.00	34.06 -0.94 0.00
NM_CAPITAL____DRP 24208	34.29 0.61 0.00	30.64 0.54 0.00	29.32 0.49 0.00	29.28 0.49 0.00	29.30 0.46 0.00	34.97 0.55 0.00	48.06 1.71 -0.26	61.39 1.67 0.00	52.62 1.58 0.00	44.25 1.46 0.00	43.51 1.37 -4.06	41.00 1.33 -1.72	38.98 1.25 -1.00	39.88 1.13 -5.60	38.98 1.02 -7.11	38.74 1.03 -7.45	41.44 1.08 -7.51	56.73 1.33 -17.41	74.88 1.51 -30.30	62.27 1.39 -21.11	48.34 1.29 -9.01	42.08 1.21 -3.08	38.79 1.17 0.00	36.02 1.02 0.00
NM_CENTRAL____DRP 24181	33.82 0.13 0.00	30.28 0.18 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.04 0.20 0.00	34.59 0.17 0.00	46.09 -0.05 -0.04	59.42 -0.30 0.00	50.63 -0.41 0.00	42.58 -0.21 0.00	38.73 0.00 -0.65	38.12 -0.11 -0.28	36.64 -0.22 -0.13	33.84 -0.20 -0.88	31.80 -0.19 -1.13	31.30 -0.15 -1.20	33.85 -0.23 -1.23	40.85 0.00 -2.86	48.29 0.26 -4.97	43.43 0.20 -3.46	39.47 -0.04 -1.48	37.99 -0.30 -0.50	37.47 -0.15 0.00	34.90 -0.11 0.00
NM_FRONTIER____DRP 24179	32.54 -1.15 0.00	29.23 -0.87 0.00	28.05 -0.78 0.00	28.10 -0.69 0.00	28.03 -0.81 0.00	33.49 -0.93 0.00	43.52 -2.63 -0.06	55.12 -4.60 0.00	46.45 -4.59 0.00	40.01 -2.78 0.00	37.05 -1.87 -0.84	36.30 -2.01 -0.36	34.66 -2.24 -0.17	32.33 -1.96 -1.14	30.40 -1.91 -1.46	29.89 -1.91 -1.54	32.47 -1.97 -1.59	39.48 -2.20 -3.68	47.80 -1.68 -6.41	42.61 -1.63 -4.47	37.58 -2.36 -1.91	35.42 -3.02 -0.65	35.78 -1.84 0.00	33.43 -1.58 0.00
NM_ST_REGIS____HYD 24053	33.62 -0.07 0.00	29.98 -0.12 0.00	28.66 -0.17 0.00	28.59 -0.20 0.00	28.49 -0.35 0.00	34.04 -0.38 0.00	45.32 -0.78 -0.01	59.42 -0.30 0.00	51.24 0.20 0.00	42.97 0.17 0.00	38.02 -0.15 -0.09	37.66 -0.34 -0.04	36.05 -0.70 -0.02	32.45 -0.83 -0.13	30.25 -0.77 -0.16	29.70 -0.73 -0.17	32.27 -0.76 -0.18	37.65 -0.76 -0.42	42.54 -1.25 -0.72	39.24 -1.03 -0.50	37.56 -0.68 -0.22	37.45 -0.42 -0.07	37.25 -0.38 0.00	34.76 -0.25 0.00
NORTHPORT____1 23551	35.87 2.19 0.00	31.97 1.87 0.00	30.36 1.53 0.00	30.32 1.52 0.00	30.34 1.50 0.00	36.93 2.51 0.00	50.04 3.73 -0.21	63.96 4.24 0.00	55.13 4.08 0.00	46.31 3.51 0.00	44.67 3.39 -3.20	42.76 3.42 -1.39	41.64 3.53 -1.38	41.32 3.31 -4.85	40.99 3.21 -6.92	42.37 3.05 -9.06	46.41 3.22 -10.34	62.11 3.73 -20.39	78.54 4.39 -31.08	66.54 4.02 -22.76	50.20 3.57 -8.59	45.15 3.52 -3.84	42.37 3.61 -1.14	38.12 3.11 0.00
NORTHPORT____2 23552	35.87 2.19 0.00	31.97 1.87 0.00	30.36 1.53 0.00	30.32 1.52 0.00	30.34 1.50 0.00	36.93 2.51 0.00	50.04 3.73 -0.21	63.96 4.24 0.00	55.13 4.08 0.00	46.31 3.51 0.00	44.67 3.39 -3.20	42.76 3.42 -1.39	41.64 3.53 -1.38	41.32 3.31 -4.85	40.99 3.21 -6.92	42.37 3.05 -9.06	46.41 3.22 -10.34	62.11 3.73 -20.39	78.54 4.39 -31.08	66.54 4.02 -22.76	50.20 3.57 -8.59	45.15 3.52 -3.84	42.37 3.61 -1.14	38.12 3.11 0.00
NORTHPORT____3 23553	36.41 2.73 0.00	32.38 2.29 0.00	30.85 2.02 0.00	30.78 1.99 0.00	30.83 1.99 0.00	37.38 2.96 0.00	50.97 4.65 -0.22	65.33 5.61 0.00	56.14 5.10 0.00	47.26 4.45 -0.01	45.55 4.26 -3.21	43.56 4.21 -1.39	42.31 4.19 -1.39	41.89 3.88 -4.86	41.43 3.64 -6.93	42.83 3.51 -9.07	46.94 3.74 -10.35	62.76 4.37 -20.39	79.36 5.21 -31.09	67.30 4.77 -22.76	50.89 4.26 -8.60	45.84 4.19 -3.85	43.05 4.29 -1.14	38.65 3.64 0.00

NORTHPORT___4 23650	36.41 2.73 0.00	32.38 2.29 0.00	30.85 2.02 0.00	30.78 1.99 0.00	30.83 1.99 0.00	37.38 2.96 0.00	50.97 4.65 -0.22	65.33 5.61 0.00	56.14 5.10 0.00	47.26 4.45 -0.01	45.55 4.26 -3.21	43.56 4.21 -1.39	42.31 4.19 -1.39	41.89 3.88 -4.86	41.43 3.64 -6.93	42.83 3.51 -9.07	46.94 3.74 -10.35	62.76 4.37 -20.39	79.36 5.21 -31.09	67.30 4.77 -22.76	50.89 4.26 -8.60	45.84 4.19 -3.85	43.05 4.29 -1.14	38.65 3.64 0.00
NORTHPORT___IC 23718	35.87 2.19 0.00	31.97 1.87 0.00	30.36 1.53 0.00	30.32 1.52 0.00	30.34 1.50 0.00	36.93 2.51 0.00	50.04 3.73 -0.21	63.96 4.24 0.00	55.13 4.08 0.00	46.31 3.51 0.00	44.67 3.39 -3.20	42.76 3.42 -1.39	41.64 3.53 -1.38	41.32 3.31 -4.85	40.99 3.21 -6.92	42.37 3.05 -9.06	46.41 3.22 -10.34	62.11 3.73 -20.39	78.54 4.39 -31.08	66.54 4.02 -22.76	50.20 3.57 -8.59	45.15 3.52 -3.84	42.37 3.61 -1.14	38.12 3.11 0.00
NORTH___COUNTRY_ESR 323785	33.78 0.10 0.00	29.98 -0.12 0.00	28.72 -0.11 0.00	28.76 -0.03 0.00	28.89 0.06 0.00	34.59 0.17 0.00	45.73 -0.37 0.00	59.78 0.06 0.00	50.99 -0.05 0.00	43.01 0.22 0.00	38.00 -0.08 0.00	37.85 -0.11 0.00	36.73 0.00 0.00	33.12 -0.03 0.00	30.79 -0.06 0.00	30.22 -0.03 0.00	32.88 0.03 0.00	38.00 0.00 0.00	42.29 -0.77 0.00	39.37 -0.40 0.00	37.92 -0.11 0.00	37.87 0.08 0.00	37.47 -0.15 0.00	34.83 -0.17 0.00
NPX_GEN_1385_PROXY 323591	35.64 1.95 0.00	32.03 1.93 0.00	30.16 1.33 0.00	30.12 1.33 0.00	30.14 1.30 0.00	36.93 2.51 0.00	50.13 3.82 -0.21	63.60 3.88 0.00	54.82 3.78 0.00	45.75 2.95 0.00	44.17 2.89 -3.20	42.23 2.88 -1.39	41.13 3.01 -1.38	40.88 2.88 -4.85	40.56 2.78 -6.92	41.98 2.66 -9.06	46.21 3.02 -10.34	61.61 3.23 -20.39	77.72 3.57 -31.08	65.63 3.10 -22.76	49.93 3.31 -8.59	44.66 3.02 -3.84	41.84 3.09 -1.14	37.56 2.55 0.00
NPX_GEN_CSC 323557	36.95 3.27 0.00	32.60 2.50 0.00	30.85 2.02 0.00	30.87 2.07 0.00	30.88 2.05 0.00	39.58 5.16 0.00	53.69 7.37 -0.22	66.64 6.92 0.00	59.00 7.96 0.00	48.62 5.82 0.00	46.76 5.48 -3.21	44.59 5.24 -1.39	43.22 5.10 -1.39	42.88 4.88 -4.85	42.59 4.81 -6.93	44.31 4.99 -9.06	48.55 5.36 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	68.98 6.44 -22.76	52.45 5.82 -8.60	47.46 5.82 -3.85	44.55 5.79 -1.14	39.45 4.45 0.00
NSINS_S_GLNS_FALLS 23858	34.83 1.15 0.00	31.09 0.99 0.00	29.76 0.92 0.00	29.74 0.95 0.00	29.76 0.92 0.00	35.56 1.14 0.00	49.04 2.67 -0.27	63.06 3.34 0.00	54.00 2.96 0.00	45.41 2.61 0.00	44.61 2.32 -4.21	41.83 2.09 -1.78	39.70 1.95 -1.02	40.57 1.62 -5.79	39.54 1.33 -7.36	39.37 1.39 -7.73	42.18 1.54 -7.79	58.13 2.09 -18.04	76.97 2.50 -31.41	63.92 2.27 -21.88	49.54 2.17 -9.34	43.10 2.12 -3.19	39.54 1.92 0.00	36.65 1.65 0.00
NUCOR_STEEL___DRP 24197	34.56 0.88 0.00	30.94 0.84 0.00	29.67 0.84 0.00	29.63 0.83 0.00	29.70 0.87 0.00	35.38 0.96 0.00	47.30 1.15 -0.05	63.30 3.58 0.00	53.80 2.76 0.00	45.24 2.44 0.00	41.12 2.25 -0.80	39.44 1.14 -0.34	37.77 0.88 -0.16	34.97 0.73 -1.09	32.90 0.65 -1.39	32.21 0.48 -1.47	34.88 0.56 -1.47	42.51 1.10 -3.41	50.60 1.59 -5.94	45.38 1.47 -4.14	40.86 1.06 -1.77	39.11 0.72 -0.60	38.53 0.90 0.00	35.81 0.81 0.00
NUMBER_THREE_WT_PWR 323818	34.49 0.81 0.00	30.76 0.66 0.00	29.44 0.61 0.00	29.42 0.63 0.00	29.44 0.61 0.00	35.28 0.86 0.00	47.36 1.25 -0.02	61.39 1.67 0.00	52.57 1.53 0.00	43.82 1.03 0.00	39.23 0.91 -0.24	38.82 0.76 -0.10	37.04 0.26 -0.05	33.51 0.03 -0.33	31.34 0.06 -0.42	31.00 0.30 -0.44	33.53 0.23 -0.45	39.92 0.87 -1.04	46.17 1.29 -1.82	42.19 1.15 -1.27	39.98 1.41 -0.54	38.92 0.95 -0.18	38.45 0.83 0.00	35.71 0.70 0.00
NYISO_LBMP_REFERENCE 24008	33.68 0.00 0.00	30.10 0.00 0.00	28.83 0.00 0.00	28.79 0.00 0.00	28.84 0.00 0.00	34.42 0.00 0.00	46.10 0.00 0.00	59.72 0.00 0.00	51.04 0.00 0.00	42.80 0.00 0.00	38.07 0.00 0.00	37.96 0.00 0.00	36.73 0.00 0.00	33.15 0.00 0.00	30.86 0.00 0.00	30.25 0.00 0.00	32.85 0.00 0.00	38.00 0.00 0.00	43.06 0.00 0.00	39.77 0.00 0.00	38.03 0.00 0.00	37.79 0.00 0.00	37.62 0.00 0.00	35.01 0.00 0.00
NYPA_BRENTWD___GT 24164	36.58 2.90 0.00	32.48 2.38 0.00	30.82 1.99 0.00	30.81 2.01 0.00	30.83 1.99 0.00	37.97 3.55 0.00	51.56 5.25 -0.21	65.69 5.97 0.00	56.81 5.77 0.00	47.63 4.83 0.00	45.88 4.61 -3.20	43.82 4.48 -1.39	42.59 4.48 -1.39	42.21 4.21 -4.85	41.86 4.07 -6.93	43.34 4.02 -9.06	47.50 4.30 -10.35	63.41 5.02 -20.40	80.06 5.90 -31.09	67.90 5.37 -22.77	51.43 4.79 -8.60	46.41 4.76 -3.85	43.58 4.82 -1.14	38.99 3.99 0.00
NYPA_GOWANUS___GT5 24156	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NYPA_GOWANUS___GT6 24157	36.22 2.53 -0.01	32.24 2.14 -0.01	30.80 1.96 -0.01	30.70 1.90 -0.01	30.78 1.93 -0.01	36.84 2.41 -0.01	49.86 3.55 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.39 3.60 0.00	44.93 3.66 -3.20	42.99 3.64 -1.39	41.79 3.67 -1.38	41.38 3.38 -4.84	40.01 3.21 -5.94	39.34 3.05 -6.03	42.25 3.28 -6.12	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.93 3.63 -2.51	41.36 3.73 -0.01	38.20 3.19 -0.01
NYPA_HARLEM__RVR__GT1 24160	35.85 2.16 -0.01	31.97 1.87 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.55 1.70 -0.01	36.63 2.20 -0.01	49.53 3.23 -0.21	63.66 3.94 0.00	54.55 3.52 0.01	46.04 3.25 0.01	44.62 3.35 -3.20	42.64 3.30 -1.38	41.46 3.34 -1.38	41.04 3.05 -4.84	39.67 2.87 -5.94	39.01 2.72 -6.03	41.95 2.99 -6.12	55.68 3.53 -14.15	71.49 3.79 -24.64	60.35 3.42 -17.16	48.36 3.00 -7.32	43.66 3.36 -2.51	40.98 3.35 -0.01	37.88 2.87 -0.01
NYPA_HARLEM__RVR__GT2 24161	35.85 2.16 -0.01	31.97 1.87 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.55 1.70 -0.01	36.63 2.20 -0.01	49.53 3.23 -0.21	63.66 3.94 0.00	54.55 3.52 0.01	46.04 3.25 0.01	44.62 3.35 -3.20	42.64 3.30 -1.38	41.46 3.34 -1.38	41.04 3.05 -4.84	39.67 2.87 -5.94	39.01 2.72 -6.03	41.95 2.99 -6.12	55.68 3.53 -14.15	71.49 3.79 -24.64	60.35 3.42 -17.16	48.36 3.00 -7.32	43.66 3.36 -2.51	40.98 3.35 -0.01	37.88 2.87 -0.01
NYPA_KENT___GT 24152	36.08 2.39 -0.01	32.15 2.05 -0.01	30.71 1.87 -0.01	30.64 1.84 -0.01	30.69 1.85 -0.01	36.73 2.31 -0.01	49.81 3.50 -0.21	63.96 4.24 0.00	54.92 3.88 0.00	46.35 3.55 0.00	44.90 3.62 -3.20	42.91 3.57 -1.39	41.68 3.56 -1.38	41.31 3.31 -4.84	39.91 3.12 -5.94	39.25 2.97 -6.03	42.15 3.19 -6.12	55.76 3.61 -14.15	71.83 4.13 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.82 3.52 -2.51	41.24 3.61 -0.01	38.09 3.08 -0.01

NYPA_POUCH1____GT 24155	36.25 2.56 -0.01	32.27 2.17 -0.01	30.83 1.99 -0.01	30.76 1.96 -0.01	30.81 1.96 -0.01	36.87 2.44 -0.01	49.91 3.60 -0.21	64.14 4.42 0.00	55.02 3.98 0.00	46.43 3.64 0.00	45.01 3.73 -3.20	43.03 3.68 -1.39	41.82 3.71 -1.38	41.44 3.45 -4.84	40.04 3.24 -5.94	39.40 3.12 -6.03	42.28 3.32 -6.12	55.79 3.65 -14.15	71.88 4.18 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.97 3.66 -2.51	41.43 3.80 -0.01	38.27 3.26 -0.01
NYPA_VERNON____GT2 24162	35.98 2.29 -0.01	32.06 1.96 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.60 1.76 -0.01	36.63 2.20 -0.01	49.81 3.50 -0.21	63.90 4.18 0.00	54.87 3.83 0.00	46.31 3.51 0.00	44.82 3.54 -3.20	42.84 3.49 -1.39	41.61 3.49 -1.38	41.21 3.21 -4.84	39.82 3.03 -5.94	39.16 2.88 -6.03	42.08 3.12 -6.12	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.59 3.23 -7.33	43.74 3.44 -2.51	41.09 3.46 -0.01	37.99 2.97 -0.01
NYPA_VERNON____GT3 24163	35.98 2.29 -0.01	32.06 1.96 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.60 1.76 -0.01	36.63 2.20 -0.01	49.81 3.50 -0.21	63.90 4.18 0.00	54.87 3.83 0.00	46.31 3.51 0.00	44.82 3.54 -3.20	42.84 3.49 -1.39	41.61 3.49 -1.38	41.21 3.21 -4.84	39.82 3.03 -5.94	39.16 2.88 -6.03	42.08 3.12 -6.12	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.59 3.23 -7.33	43.74 3.44 -2.51	41.09 3.46 -0.01	37.99 2.97 -0.01
NYPA____ASTORIA_CC1 323568	35.95 2.26 -0.01	32.03 1.93 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.58 1.73 -0.01	36.63 2.20 -0.01	49.72 3.41 -0.21	63.78 4.06 0.00	54.82 3.78 0.00	46.22 3.42 0.00	44.74 3.46 -3.20	42.80 3.45 -1.39	41.57 3.45 -1.38	41.15 3.15 -4.84	39.76 2.96 -5.94	39.10 2.81 -6.03	42.05 3.09 -6.12	55.64 3.49 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.52 3.16 -7.33	43.70 3.40 -2.51	41.05 3.42 -0.01	37.95 2.94 -0.01
NYPA____ASTORIA_CC2 323569	35.95 2.26 -0.01	32.03 1.93 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.58 1.73 -0.01	36.63 2.20 -0.01	49.72 3.41 -0.21	63.78 4.06 0.00	54.82 3.78 0.00	46.22 3.42 0.00	44.74 3.46 -3.20	42.80 3.45 -1.39	41.57 3.45 -1.38	41.15 3.15 -4.84	39.76 2.96 -5.94	39.10 2.81 -6.03	42.05 3.09 -6.12	55.64 3.49 -14.15	71.62 3.92 -24.64	60.47 3.54 -17.16	48.52 3.16 -7.33	43.70 3.40 -2.51	41.05 3.42 -0.01	37.95 2.94 -0.01
NYPA____HOLTSVILL 23794	37.05 3.37 0.00	32.72 2.62 0.00	30.97 2.13 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.34 4.92 0.00	53.27 6.96 -0.22	66.82 7.10 0.00	58.49 7.45 0.00	48.79 5.99 0.00	46.91 5.63 -3.21	44.77 5.43 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	69.02 6.48 -22.76	52.38 5.74 -8.60	47.54 5.89 -3.85	44.70 5.94 -1.14	39.66 4.66 0.00
NYPA____HELLGATE_GT1 24158	35.85 2.16 -0.01	31.97 1.87 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.55 1.70 -0.01	36.63 2.20 -0.01	49.53 3.23 -0.21	63.72 4.00 0.00	54.55 3.52 0.01	46.04 3.25 0.01	44.62 3.35 -3.20	42.64 3.30 -1.38	41.46 3.34 -1.38	41.04 3.05 -4.84	39.67 2.87 -5.94	39.01 2.72 -6.03	41.95 2.99 -6.12	55.64 3.49 -14.15	71.49 3.79 -24.64	60.31 3.38 -17.16	48.32 2.97 -7.32	43.66 3.36 -2.51	40.98 3.35 -0.01	37.88 2.87 -0.01
NYPA____HELLGATE_GT2 24159	35.85 2.16 -0.01	31.97 1.87 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.55 1.70 -0.01	36.63 2.20 -0.01	49.53 3.23 -0.21	63.72 4.00 0.00	54.55 3.52 0.01	46.04 3.25 0.01	44.62 3.35 -3.20	42.64 3.30 -1.38	41.46 3.34 -1.38	41.04 3.05 -4.84	39.67 2.87 -5.94	39.01 2.72 -6.03	41.95 2.99 -6.12	55.64 3.49 -14.15	71.49 3.79 -24.64	60.31 3.38 -17.16	48.32 2.97 -7.32	43.66 3.36 -2.51	40.98 3.35 -0.01	37.88 2.87 -0.01
NYS_BARGE____HYD 23848	33.24 -0.44 0.00	29.95 -0.15 0.00	28.80 -0.03 0.00	28.73 -0.06 0.00	28.69 -0.14 0.00	34.18 -0.24 0.00	44.72 -1.43 -0.05	57.03 -2.69 0.00	47.88 -3.16 0.00	40.10 -2.69 0.00	37.99 -0.91 -0.83	37.18 -1.14 -0.36	35.43 -1.47 -0.17	33.07 -1.23 -1.15	31.09 -1.24 -1.47	30.56 -1.24 -1.55	33.20 -1.21 -1.57	40.39 -1.25 -3.64	48.89 -0.51 -6.34	43.63 -0.56 -4.42	38.63 -1.29 -1.89	36.24 -2.19 -0.64	36.64 -0.98 0.00	34.27 -0.74 0.00
OAK ORCHARD____HYD 24046	33.62 -0.07 0.00	30.19 0.09 0.00	28.92 0.09 0.00	28.85 0.06 0.00	28.89 0.06 0.00	34.42 0.00 0.00	45.73 -0.42 -0.05	58.88 -0.84 0.00	49.71 -1.33 0.00	41.94 -0.86 0.00	39.07 0.23 -0.76	38.32 0.04 -0.33	36.63 -0.26 -0.16	34.00 -0.20 -1.05	31.95 -0.25 -1.34	31.37 -0.30 -1.42	34.06 -0.23 -1.44	41.41 0.08 -3.33	49.52 0.65 -5.81	44.37 0.56 -4.04	39.61 -0.15 -1.73	37.63 -0.76 -0.59	37.32 -0.30 0.00	34.80 -0.21 0.00
OAKDALE__35_KV_LOAD 356122	34.49 0.81 0.00	30.88 0.78 0.00	29.64 0.81 0.00	29.57 0.78 0.00	29.64 0.81 0.00	35.35 0.93 0.00	47.43 1.24 -0.09	61.21 1.49 0.00	52.01 0.97 0.00	43.78 0.98 0.00	40.43 0.99 -1.37	39.37 0.84 -0.58	37.63 0.62 -0.28	35.57 0.56 -1.85	33.72 0.49 -2.37	33.25 0.48 -2.51	36.02 0.59 -2.59	44.98 0.99 -5.99	55.09 1.59 -10.43	48.47 1.43 -7.27	42.20 1.06 -3.10	39.53 0.68 -1.06	38.64 1.02 0.00	35.92 0.91 0.00
OCC_CHEM____DRP 24175	32.64 -1.04 0.00	29.32 -0.78 0.00	28.14 -0.69 0.00	28.19 -0.60 0.00	28.12 -0.72 0.00	33.56 -0.86 0.00	43.66 -2.49 -0.06	55.30 -4.42 0.00	46.60 -4.44 0.00	40.14 -2.65 0.00	37.16 -1.75 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.43 -1.86 -1.14	30.49 -1.82 -1.46	29.98 -1.82 -1.54	32.56 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.77 -1.47 -4.47	37.70 -2.24 -1.91	35.53 -2.91 -0.65	35.89 -1.73 0.00	33.54 -1.47 0.00
OH_GEN_PROXY 24063	32.87 -0.81 0.00	29.65 -0.45 0.00	28.43 -0.40 0.00	28.36 -0.43 0.00	28.41 -0.43 0.00	33.76 -0.66 0.00	44.22 -1.93 -0.05	56.20 -3.52 0.00	47.16 -3.88 0.00	39.67 -3.12 0.00	37.61 -1.29 -0.83	36.88 -1.44 -0.36	35.21 -1.69 -0.17	32.81 -1.49 -1.15	30.88 -1.45 -1.47	30.36 -1.45 -1.56	32.95 -1.48 -1.58	40.09 -1.56 -3.66	48.48 -0.95 -6.36	43.29 -0.91 -4.43	38.25 -1.67 -1.89	35.94 -2.50 -0.65	36.27 -1.35 0.00	33.92 -1.09 0.00
OLIN_CORP_DRP 24177	32.71 -0.98 0.00	29.59 -0.51 0.00	28.40 -0.43 0.00	28.22 -0.58 0.00	28.40 -0.43 0.00	33.87 -0.55 0.00	43.94 -2.21 -0.06	55.78 -3.94 0.00	46.96 -4.08 0.00	40.44 -2.35 0.00	37.32 -1.60 -0.85	36.57 -1.75 -0.36	34.88 -2.02 -0.17	32.54 -1.76 -1.14	30.62 -1.70 -1.47	30.08 -1.72 -1.55	32.70 -1.74 -1.60	39.80 -1.90 -3.70	48.18 -1.33 -6.45	42.99 -1.27 -4.49	37.90 -2.05 -1.92	35.73 -2.72 -0.65	36.12 -1.50 0.00	33.75 -1.26 0.00
OLIN_CORP_DSASP 323712	32.64 -1.04 0.00	29.46 -0.63 0.00	28.14 -0.69 0.00	28.04 -0.75 0.00	28.23 -0.61 0.00	33.39 -1.03 0.00	43.66 -2.49 -0.06	55.36 -4.36 0.00	46.45 -4.59 0.00	39.11 -3.68 0.00	37.20 -1.71 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.45 -1.86 -1.16	30.52 -1.82 -1.48	30.01 -1.81 -1.57	32.57 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.73 -1.51 -4.47	37.73 -2.21 -1.91	35.46 -2.99 -0.65	35.82 -1.81 0.00	33.54 -1.47 0.00

ONEIDA_HERK_LFGE 323681	34.76 1.08 0.00	31.03 0.93 0.00	29.70 0.86 0.00	29.68 0.89 0.00	29.73 0.89 0.00	35.59 1.17 0.00	47.82 1.71 -0.01	61.81 2.09 0.00	53.03 1.99 0.00	44.12 1.33 0.00	39.60 1.33 -0.20	39.26 1.21 -0.08	37.58 0.81 -0.04	34.05 0.63 -0.27	31.82 0.62 -0.35	31.32 0.70 -0.37	33.97 0.76 -0.37	40.11 1.25 -0.86	46.24 1.68 -1.50	42.29 1.47 -1.04	40.19 1.71 -0.45	39.15 1.21 -0.15	38.71 1.09 0.00	35.95 0.95 0.00
ONEIDA___115KV_TB4 55905	35.20 1.52 0.00	31.42 1.32 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.13 1.30 0.00	36.07 1.65 0.00	48.42 2.30 -0.02	62.59 2.87 0.00	53.34 2.30 0.00	44.72 1.93 0.00	40.27 1.87 -0.33	39.80 1.71 -0.14	38.12 1.32 -0.07	34.75 1.16 -0.44	32.53 1.11 -0.57	32.00 1.15 -0.60	34.71 1.25 -0.62	41.29 1.86 -1.43	48.01 2.45 -2.49	43.65 2.15 -1.73	40.83 2.05 -0.74	39.75 1.70 -0.25	39.24 1.62 0.00	36.37 1.37 0.00
ONONDAGA_REF_OCCRA 23987	34.05 0.37 0.00	30.46 0.36 0.00	29.21 0.37 0.00	29.14 0.35 0.00	29.21 0.37 0.00	34.80 0.38 0.00	46.47 0.32 -0.05	60.02 0.30 0.00	51.09 0.05 0.00	42.97 0.17 0.00	39.10 0.30 -0.72	38.42 0.15 -0.30	36.91 0.04 -0.15	34.16 0.03 -0.98	32.14 0.03 -1.25	31.64 0.06 -1.32	34.24 0.03 -1.36	41.50 0.34 -3.16	49.25 0.69 -5.50	44.20 0.60 -3.83	39.97 0.30 -1.64	38.39 0.04 -0.56	37.81 0.19 0.00	35.18 0.18 0.00
ONONDAGA___COGEN 23986	34.15 0.47 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.32 0.60 0.00	51.40 0.36 0.00	43.22 0.43 0.00	39.32 0.53 -0.71	38.56 0.30 -0.30	37.06 0.18 -0.14	34.24 0.13 -0.96	32.18 0.09 -1.23	31.67 0.12 -1.30	34.32 0.13 -1.34	41.55 0.46 -3.10	49.28 0.82 -5.40	44.29 0.76 -3.76	40.10 0.46 -1.61	38.49 0.15 -0.55	37.92 0.30 0.00	35.32 0.32 0.00
ONTARIO___LFGE 23819	34.53 0.84 0.00	30.97 0.87 0.00	29.70 0.86 0.00	29.63 0.84 0.00	29.76 0.92 0.00	35.45 1.03 0.00	47.30 1.15 -0.05	61.03 1.31 0.00	51.91 0.87 0.00	43.27 0.47 0.00	39.94 1.03 -0.84	39.12 0.80 -0.36	37.38 0.48 -0.17	34.70 0.40 -1.15	32.64 0.31 -1.47	32.12 0.30 -1.56	34.89 0.46 -1.58	42.80 1.14 -3.66	51.38 1.94 -6.37	45.96 1.75 -4.44	41.18 1.25 -1.90	38.89 0.46 -0.65	38.49 0.87 0.00	35.81 0.81 0.00
ORANGEVILLE_WT_PWR 323706	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.28 0.49 0.00	29.33 0.49 0.00	34.94 0.52 0.00	45.97 -0.18 -0.06	58.83 -0.89 0.00	49.46 -1.58 0.00	41.00 -1.80 0.00	38.63 -0.38 -0.94	37.72 -0.65 -0.40	35.93 -0.99 -0.20	33.65 -0.80 -1.29	31.68 -0.83 -1.66	31.13 -0.88 -1.75	33.84 -0.79 -1.78	41.62 -0.50 -4.12	50.66 0.43 -7.17	45.12 0.36 -4.99	39.82 -0.34 -2.13	37.27 -1.25 -0.73	37.62 0.00 0.00	35.18 0.18 0.00
ORANGEVILLE___ESR 323794	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.28 0.49 0.00	29.33 0.49 0.00	34.94 0.52 0.00	45.97 -0.18 -0.06	58.83 -0.89 0.00	49.46 -1.58 0.00	41.00 -1.80 0.00	38.63 -0.38 -0.94	37.72 -0.65 -0.40	35.93 -0.99 -0.20	33.65 -0.80 -1.29	31.68 -0.83 -1.66	31.13 -0.88 -1.75	33.84 -0.79 -1.78	41.62 -0.50 -4.12	50.66 0.43 -7.17	45.12 0.36 -4.99	39.82 -0.34 -2.13	37.27 -1.25 -0.73	37.62 0.00 0.00	35.18 0.18 0.00
OSWEGATCHIE___HYD 24044	33.82 0.14 0.00	30.13 0.03 0.00	28.86 0.03 0.00	28.76 -0.03 0.00	28.69 -0.14 0.00	34.35 -0.07 0.00	45.97 -0.14 -0.01	59.96 0.24 0.00	51.50 0.46 0.00	43.18 0.38 0.00	38.41 0.15 -0.18	37.96 -0.08 -0.08	36.25 -0.51 -0.04	32.71 -0.70 -0.25	30.56 -0.62 -0.32	30.11 -0.49 -0.34	32.67 -0.53 -0.35	38.53 -0.26 -0.80	44.20 -0.26 -1.40	40.50 -0.24 -0.97	38.52 0.08 -0.41	37.93 0.00 -0.14	37.62 0.00 0.00	35.04 0.04 0.00
OSWEGO___5 23606	33.18 -0.50 0.00	29.68 -0.42 0.00	28.43 -0.40 0.00	28.39 -0.40 0.00	28.43 -0.40 0.00	33.90 -0.52 0.00	45.11 -1.01 -0.03	58.17 -1.55 0.00	49.67 -1.38 0.00	41.64 -1.15 0.00	37.72 -0.84 -0.48	37.29 -0.87 -0.21	35.91 -0.92 -0.10	32.99 -0.83 -0.66	30.94 -0.77 -0.85	30.40 -0.76 -0.90	32.94 -0.82 -0.91	39.24 -0.87 -2.12	45.97 -0.77 -3.68	41.58 -0.76 -2.57	38.29 -0.84 -1.10	37.11 -1.06 -0.37	36.68 -0.94 0.00	34.27 -0.74 0.00
OSWEGO___6 23613	33.18 -0.50 0.00	29.68 -0.42 0.00	28.43 -0.40 0.00	28.39 -0.40 0.00	28.43 -0.40 0.00	33.90 -0.52 0.00	45.11 -1.01 -0.03	58.17 -1.55 0.00	49.67 -1.38 0.00	41.64 -1.15 0.00	37.72 -0.84 -0.48	37.29 -0.87 -0.21	35.91 -0.92 -0.10	32.99 -0.83 -0.66	30.94 -0.77 -0.85	30.40 -0.76 -0.90	32.94 -0.82 -0.91	39.24 -0.87 -2.12	45.97 -0.77 -3.68	41.58 -0.76 -2.57	38.29 -0.84 -1.10	37.11 -1.06 -0.37	36.68 -0.94 0.00	34.27 -0.74 0.00
OUTOKUMPU-AB___DRP 24206	33.62 -0.07 0.00	30.28 0.18 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	45.14 -1.01 -0.06	57.57 -2.15 0.00	48.49 -2.55 0.00	41.64 -1.16 0.00	38.28 -0.65 -0.85	37.52 -0.80 -0.36	35.73 -1.18 -0.17	33.37 -0.93 -1.15	31.31 -1.02 -1.47	30.78 -1.03 -1.56	33.47 -0.99 -1.61	40.73 -0.99 -3.72	49.41 -0.13 -6.48	44.08 -0.20 -4.51	38.86 -1.10 -1.93	36.64 -1.81 -0.66	37.06 -0.56 0.00	34.59 -0.42 0.00
OXBOW___ 24026	33.21 -0.47 0.00	29.98 -0.12 0.00	28.69 -0.14 0.00	28.59 -0.20 0.00	28.72 -0.11 0.00	34.04 -0.38 0.00	44.54 -1.61 -0.06	56.68 -3.04 0.00	47.57 -3.47 0.00	39.93 -2.87 0.00	37.85 -1.07 -0.85	37.07 -1.25 -0.36	35.36 -1.54 -0.18	33.02 -1.29 -1.16	31.02 -1.33 -1.49	30.50 -1.33 -1.58	33.13 -1.31 -1.60	40.29 -1.41 -3.70	48.82 -0.69 -6.45	43.55 -0.71 -4.49	38.51 -1.45 -1.92	36.10 -2.34 -0.65	36.50 -1.13 0.00	34.17 -0.84 0.00
OXY_CHEM_DSASP 323612	32.64 -1.04 0.00	29.32 -0.78 0.00	28.14 -0.69 0.00	28.19 -0.60 0.00	28.12 -0.72 0.00	33.56 -0.86 0.00	43.66 -2.49 -0.06	55.30 -4.42 0.00	46.60 -4.44 0.00	40.14 -2.65 0.00	37.16 -1.75 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.43 -1.86 -1.14	30.49 -1.82 -1.46	29.98 -1.82 -1.54	32.56 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.77 -1.47 -4.47	37.70 -2.24 -1.91	35.53 -2.91 -0.65	35.89 -1.73 0.00	33.54 -1.47 0.00
OZONE_PARK_ESR 323760	36.11 2.43 0.00	32.11 2.02 0.00	30.71 1.87 0.00	30.60 1.81 0.00	30.74 1.90 0.00	36.62 2.20 0.00	50.27 3.96 -0.21	64.56 4.84 0.00	55.28 4.24 0.00	46.52 3.72 0.00	45.08 3.81 -3.20	43.03 3.72 -1.35	41.73 3.64 -1.36	41.23 3.35 -4.73	39.80 3.15 -5.79	39.12 3.00 -5.87	42.24 3.28 -6.11	55.95 3.80 -14.15	72.26 4.56 -24.63	61.07 4.14 -17.16	49.01 3.65 -7.33	43.92 3.63 -2.50	41.23 3.61 0.00	38.12 3.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.64 -1.04 0.00	29.32 -0.78 0.00	28.14 -0.69 0.00	28.19 -0.60 0.00	28.12 -0.72 0.00	33.56 -0.86 0.00	43.66 -2.49 -0.06	55.30 -4.42 0.00	46.60 -4.44 0.00	40.14 -2.65 0.00	37.16 -1.75 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.43 -1.86 -1.14	30.49 -1.82 -1.46	29.98 -1.82 -1.54	32.56 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.77 -1.47 -4.47	37.70 -2.24 -1.91	35.53 -2.91 -0.65	35.89 -1.73 0.00	33.54 -1.47 0.00

PACKARD__115KV_DUPONT_184 80571	32.64 -1.04 0.00	29.32 -0.78 0.00	28.14 -0.69 0.00	28.19 -0.60 0.00	28.12 -0.72 0.00	33.56 -0.86 0.00	43.66 -2.49 -0.06	55.30 -4.42 0.00	46.60 -4.44 0.00	40.14 -2.65 0.00	37.16 -1.75 -0.84	36.42 -1.90 -0.36	34.77 -2.13 -0.17	32.43 -1.86 -1.14	30.49 -1.82 -1.46	29.98 -1.82 -1.54	32.56 -1.87 -1.59	39.59 -2.09 -3.69	47.93 -1.55 -6.42	42.77 -1.47 -4.47	37.70 -2.24 -1.91	35.53 -2.91 -0.65	35.89 -1.73 0.00	33.54 -1.47 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.94 2.26 0.00	32.05 1.96 0.00	30.68 1.85 0.00	30.60 1.81 0.00	30.71 1.87 0.00	36.59 2.17 0.00	49.58 3.27 -0.21	63.54 3.82 0.00	54.41 3.37 0.00	45.88 3.08 0.00	44.59 3.31 -3.20	42.58 3.26 -1.35	41.39 3.31 -1.36	40.90 3.02 -4.73	39.49 2.84 -5.79	38.82 2.69 -5.87	41.91 2.96 -6.11	55.68 3.53 -14.15	71.49 3.79 -24.64	60.35 3.42 -17.16	48.33 2.97 -7.33	43.69 3.40 -2.50	41.01 3.39 0.00	37.91 2.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.31 2.63 0.00	32.36 2.26 0.00	30.97 2.13 0.00	30.92 2.13 0.00	31.03 2.19 0.00	36.93 2.51 0.00	50.04 3.73 -0.21	63.90 4.18 0.00	54.66 3.62 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.06 3.18 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.83 3.69 -14.15	71.70 4.00 -24.64	60.51 3.58 -17.16	48.52 3.16 -7.33	43.84 3.55 -2.50	41.20 3.57 0.00	38.12 3.12 0.00
PATROON__115KV_TB1 80586	34.46 0.77 0.00	30.79 0.69 0.00	29.44 0.61 0.00	29.40 0.60 0.00	29.41 0.58 0.00	35.11 0.69 0.00	48.25 1.89 -0.26	61.69 1.97 0.00	52.88 1.84 0.00	44.51 1.71 0.00	43.78 1.60 -4.11	41.21 1.52 -1.74	39.17 1.43 -1.01	40.07 1.26 -5.65	39.18 1.14 -7.18	38.94 1.15 -7.53	41.69 1.25 -7.59	57.10 1.52 -17.59	75.41 1.72 -30.62	62.69 1.59 -21.33	48.66 1.52 -9.11	42.30 1.40 -3.11	38.94 1.32 0.00	36.16 1.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.05 0.37 0.00	30.70 0.60 0.00	29.50 0.66 0.00	29.40 0.60 0.00	29.50 0.66 0.00	35.25 0.83 0.00	45.74 -0.41 -0.06	59.06 -0.66 0.00	49.56 -1.48 0.00	42.37 -0.43 0.00	38.05 -0.91 -0.89	37.23 -1.10 -0.37	35.48 -1.43 -0.18	33.16 -1.19 -1.20	31.16 -1.23 -1.54	30.64 -1.24 -1.62	33.34 -1.18 -1.67	40.81 -1.06 -3.88	49.65 -0.17 -6.75	44.28 -0.20 -4.70	38.98 -1.06 -2.01	36.59 -1.89 -0.69	37.81 0.19 0.00	35.36 0.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.91 2.22 0.00	31.99 1.90 0.00	30.62 1.79 0.00	30.58 1.79 0.00	30.54 1.70 0.00	36.38 1.96 0.00	50.09 3.78 -0.21	64.32 4.60 0.00	55.12 4.08 0.00	46.35 3.55 0.00	44.80 3.50 -3.22	42.62 3.30 -1.36	40.83 3.16 -0.95	40.56 2.88 -4.52	39.19 2.65 -5.68	38.67 2.51 -5.91	41.72 2.73 -6.14	55.69 3.46 -14.24	71.98 4.13 -24.79	60.74 3.70 -17.27	48.87 3.46 -7.37	43.63 3.33 -2.52	40.86 3.24 0.00	37.74 2.73 0.00
PEEKSKILL____ 23653	35.43 1.75 0.00	31.60 1.50 0.00	30.25 1.41 0.00	30.17 1.38 0.00	30.19 1.36 0.00	36.11 1.69 0.00	49.48 3.18 -0.21	63.55 3.83 0.00	54.46 3.42 0.00	45.79 2.99 0.00	44.19 2.97 -3.15	42.21 2.88 -1.36	45.71 2.79 -6.20	43.17 2.59 -7.43	40.76 2.44 -7.47	38.47 2.30 -5.92	41.34 2.50 -6.00	54.90 3.00 -13.90	70.88 3.62 -24.20	59.93 3.30 -16.86	48.20 2.97 -7.20	43.08 2.84 -2.46	40.45 2.82 0.00	37.39 2.38 0.00
PGE MADISON__WINDPWR 24146	37.59 3.91 0.00	33.59 3.49 0.00	32.15 3.31 0.00	32.19 3.40 0.00	32.30 3.46 0.00	38.69 4.27 0.00	52.27 6.08 -0.09	67.73 8.01 0.00	55.43 4.39 0.00	45.79 2.99 0.00	42.39 3.01 -1.31	41.06 2.54 -0.56	38.91 1.91 -0.27	36.60 1.66 -1.79	34.70 1.54 -2.30	34.32 1.63 -2.43	38.49 3.19 -2.46	48.34 4.63 -5.71	59.16 6.16 -9.93	52.30 5.61 -6.92	46.58 5.59 -2.95	43.14 4.34 -1.01	41.99 4.36 0.00	38.86 3.85 0.00
PIERCEFIELD__HYD 23852	33.51 -0.17 0.00	29.89 -0.21 0.00	28.60 -0.23 0.00	28.47 -0.32 0.00	28.32 -0.52 0.00	33.83 -0.59 0.00	45.09 -1.01 -0.01	59.06 -0.66 0.00	51.09 0.05 0.00	42.84 0.04 0.00	37.91 -0.27 -0.10	37.47 -0.53 -0.04	35.80 -0.95 -0.02	32.20 -1.09 -0.14	30.02 -1.02 -0.18	29.48 -0.97 -0.19	32.02 -1.02 -0.20	37.39 -1.06 -0.46	42.35 -1.51 -0.79	39.01 -1.31 -0.55	37.36 -0.91 -0.24	37.27 -0.60 -0.08	37.10 -0.53 0.00	34.69 -0.32 0.00
PINELAWN_CC_1 323563	36.45 2.76 0.00	32.38 2.29 0.00	30.79 1.96 0.00	30.75 1.96 0.00	30.80 1.96 0.00	37.48 3.06 0.00	51.11 4.79 -0.21	65.40 5.68 0.00	56.30 5.26 0.00	47.29 4.49 0.00	45.58 4.30 -3.20	43.56 4.21 -1.39	42.30 4.19 -1.39	41.91 3.91 -4.85	41.55 3.76 -6.93	42.98 3.66 -9.06	47.13 3.94 -10.34	63.02 4.63 -20.39	79.66 5.51 -31.09	67.58 5.05 -22.76	51.11 4.49 -8.59	46.06 4.42 -3.85	43.20 4.44 -1.14	38.75 3.75 0.00
PJM_GEN_HTP_PROXY 323702	35.81 2.12 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.42 1.58 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	64.02 4.30 0.00	54.97 3.93 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.69 3.34 -1.39	41.38 3.27 -1.38	41.01 3.02 -4.84	39.63 2.84 -5.93	39.00 2.72 -6.02	41.88 2.92 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.63	60.63 3.70 -17.16	48.67 3.31 -7.33	43.50 3.21 -2.50	40.89 3.27 0.00	37.77 2.76 0.00
PJM_GEN_KEystone 24065	34.22 0.54 0.00	30.70 0.60 0.00	29.44 0.61 0.00	29.34 0.55 0.00	29.38 0.55 0.00	35.04 0.62 0.00	47.24 1.01 -0.14	60.62 0.90 0.00	51.45 0.41 0.00	42.92 0.13 0.00	40.99 0.88 -2.04	39.56 0.72 -0.88	37.30 0.59 0.02	36.33 0.60 -2.58	34.85 0.52 -3.47	34.54 0.45 -3.83	37.29 0.56 -3.88	47.90 0.91 -8.99	60.27 1.55 -15.66	52.11 1.43 -10.91	43.60 0.91 -4.66	39.80 0.42 -1.59	38.67 1.05 0.00	35.88 0.88 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.87 2.19 0.00	31.93 1.84 0.00	30.42 1.58 0.00	30.37 1.58 0.00	30.39 1.56 0.00	36.73 2.31 0.00	50.13 3.82 -0.21	64.26 4.54 0.00	55.27 4.23 0.00	46.48 3.68 0.00	44.85 3.58 -3.20	42.84 3.49 -1.39	41.60 3.49 -1.38	41.25 3.25 -4.85	40.87 3.09 -6.92	42.28 2.97 -9.06	46.37 3.19 -10.34	62.11 3.73 -20.39	78.58 4.44 -31.08	66.58 4.06 -22.76	50.28 3.65 -8.59	45.19 3.55 -3.84	42.33 3.58 -1.13	38.02 3.01 0.00
PJM_GEN_VFT_PROXY 323633	35.64 1.95 0.00	31.75 1.65 0.00	30.33 1.50 0.00	30.26 1.47 0.00	30.31 1.47 0.00	36.28 1.86 0.00	49.67 3.36 -0.21	63.66 3.94 0.00	54.67 3.62 0.00	46.05 3.25 0.00	44.51 3.23 -3.20	42.54 3.19 -1.39	41.23 3.12 -1.38	40.91 2.92 -4.84	39.53 2.75 -5.93	38.88 2.60 -6.02	41.78 2.83 -6.11	55.37 3.23 -14.15	71.58 3.88 -24.63	60.43 3.50 -17.16	48.44 3.08 -7.33	43.35 3.06 -2.50	40.74 3.12 0.00	37.63 2.63 0.00
PLATSBRG_115KV_PMLD1 355749	34.36 0.67 0.00	30.55 0.45 0.00	29.18 0.35 0.00	29.25 0.46 0.00	29.39 0.55 0.00	35.25 0.83 0.00	46.23 0.14 0.00	60.26 0.54 0.00	51.50 0.46 0.00	43.10 0.30 0.00	38.49 0.42 0.00	38.26 0.30 0.00	37.13 0.40 0.00	33.48 0.33 0.00	31.13 0.28 0.00	30.56 0.30 0.00	33.24 0.39 0.00	38.49 0.49 0.00	42.68 -0.39 0.00	39.93 0.16 0.00	38.68 0.65 0.00	38.47 0.68 0.00	38.07 0.45 0.00	35.39 0.39 0.00

PLEASANTVLY___LBMP 24000	35.37 1.68 0.00	31.54 1.44 0.00	30.19 1.36 0.00	30.12 1.32 0.00	30.19 1.36 0.00	36.00 1.58 0.00	49.41 3.09 -0.22	63.30 3.58 0.00	54.21 3.16 0.00	45.58 2.78 0.00	44.19 2.78 -3.33	42.10 2.73 -1.41	40.41 2.64 -1.04	40.28 2.42 -4.71	39.04 2.28 -5.90	38.55 2.18 -6.12	41.57 2.36 -6.36	55.53 2.81 -14.72	72.02 3.32 -25.64	60.65 3.02 -17.86	48.40 2.74 -7.62	43.04 2.65 -2.60	40.22 2.60 0.00	37.25 2.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.64 1.95 0.00	31.75 1.66 0.00	30.39 1.56 0.00	30.32 1.53 0.00	30.39 1.56 0.00	36.28 1.86 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.72 3.67 0.00	46.01 3.21 0.00	44.53 3.24 -3.22	42.47 3.15 -1.36	41.03 3.09 -1.22	40.67 2.85 -4.67	39.28 2.65 -5.77	38.70 2.54 -5.90	41.75 2.76 -6.14	55.49 3.27 -14.22	71.70 3.88 -24.76	60.60 3.58 -17.25	48.59 3.19 -7.36	43.37 3.06 -2.51	40.67 3.05 0.00	37.60 2.59 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.64 1.95 0.00	31.75 1.66 0.00	30.39 1.56 0.00	30.32 1.53 0.00	30.39 1.56 0.00	36.28 1.86 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.72 3.67 0.00	46.01 3.21 0.00	44.53 3.24 -3.22	42.47 3.15 -1.36	41.03 3.09 -1.22	40.67 2.85 -4.67	39.28 2.65 -5.77	38.70 2.54 -5.90	41.75 2.76 -6.14	55.49 3.27 -14.22	71.70 3.88 -24.76	60.60 3.58 -17.25	48.59 3.19 -7.36	43.37 3.06 -2.51	40.67 3.05 0.00	37.60 2.59 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.57 1.89 0.00	31.72 1.63 0.00	30.33 1.50 0.00	30.29 1.50 0.00	30.34 1.50 0.00	36.11 1.69 0.00	49.63 3.32 -0.22	63.60 3.88 0.00	54.46 3.42 0.00	45.71 2.91 0.00	44.28 2.93 -3.27	42.15 2.81 -1.38	40.33 2.72 -0.88	40.19 2.49 -4.55	38.91 2.31 -5.74	38.46 2.21 -6.00	41.51 2.43 -6.23	55.44 3.00 -14.44	71.78 3.57 -25.14	60.51 3.22 -17.52	48.44 2.93 -7.48	43.14 2.80 -2.55	40.33 2.71 0.00	37.35 2.35 0.00
POLETTI____ 23519	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.40 1.61 0.00	30.54 1.70 0.00	36.35 1.93 0.00	49.86 3.55 -0.21	63.90 4.18 0.00	54.72 3.67 0.00	46.05 3.25 0.00	44.67 3.39 -3.20	42.65 3.34 -1.35	41.40 3.31 -1.36	40.93 3.05 -4.73	39.49 2.84 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.53 3.38 -14.15	71.75 4.05 -24.63	60.59 3.66 -17.16	48.59 3.23 -7.33	43.50 3.21 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
POMONA___ESR 323819	35.10 1.41 0.00	31.36 1.26 0.00	30.02 1.18 0.00	29.94 1.15 0.00	29.96 1.12 0.00	35.80 1.38 0.00	49.10 2.81 -0.19	63.00 3.28 0.00	53.95 2.91 0.00	45.28 2.48 0.00	43.51 2.51 -2.93	41.66 2.43 -1.27	38.71 2.35 0.38	38.86 2.19 -3.52	37.76 2.04 -4.87	37.70 1.94 -5.51	40.56 2.13 -5.58	53.59 2.66 -12.93	68.85 3.27 -22.52	58.44 2.98 -15.69	47.39 2.66 -6.70	42.50 2.42 -2.29	40.07 2.44 0.00	37.00 1.99 0.00
PORT_JEFF_3 23555	37.05 3.37 0.00	32.72 2.62 0.00	31.00 2.16 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.31 4.89 0.00	53.09 6.78 -0.22	66.59 6.86 0.00	58.29 7.24 0.00	48.79 5.99 0.00	46.91 5.63 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.58 5.39 -10.35	64.43 6.04 -20.39	81.22 7.06 -31.09	68.86 6.32 -22.76	52.23 5.59 -8.60	47.54 5.89 -3.85	44.74 5.98 -1.14	39.66 4.66 0.00
PORT_JEFF_4 23616	37.05 3.37 0.00	32.72 2.62 0.00	31.00 2.16 0.00	30.98 2.19 0.00	31.03 2.19 0.00	39.31 4.89 0.00	53.09 6.78 -0.22	66.59 6.86 0.00	58.29 7.24 0.00	48.79 5.99 0.00	46.91 5.63 -3.21	44.81 5.47 -1.39	43.44 5.32 -1.39	43.04 5.04 -4.85	42.75 4.97 -6.93	44.43 5.11 -9.06	48.58 5.39 -10.35	64.43 6.04 -20.39	81.22 7.06 -31.09	68.86 6.32 -22.76	52.23 5.59 -8.60	47.54 5.89 -3.85	44.74 5.98 -1.14	39.66 4.66 0.00
PORT_JEFF_IC 23713	37.08 3.40 0.00	32.75 2.65 0.00	31.02 2.19 0.00	31.01 2.22 0.00	31.06 2.22 0.00	39.31 4.89 0.00	53.13 6.82 -0.22	66.76 7.04 0.00	58.39 7.35 0.00	48.83 6.04 0.00	46.95 5.67 -3.21	44.85 5.50 -1.39	43.52 5.40 -1.39	43.08 5.07 -4.85	42.78 5.00 -6.93	44.46 5.14 -9.06	48.61 5.42 -10.35	64.51 6.12 -20.39	81.31 7.15 -31.09	68.98 6.44 -22.76	52.34 5.70 -8.60	47.58 5.93 -3.85	44.78 6.02 -1.14	39.70 4.69 0.00
PPL PILGRIM_ST_GT1 24216	36.58 2.90 0.00	32.48 2.38 0.00	30.82 1.99 0.00	30.81 2.01 0.00	30.83 1.99 0.00	37.97 3.55 0.00	51.56 5.25 -0.21	65.69 5.97 0.00	56.81 5.77 0.00	47.63 4.83 0.00	45.88 4.61 -3.20	43.82 4.48 -1.39	42.59 4.48 -1.39	42.21 4.21 -4.85	41.86 4.07 -6.93	43.34 4.02 -9.06	47.50 4.30 -10.35	63.41 5.02 -20.40	80.06 5.90 -31.09	67.90 5.37 -22.77	51.43 4.79 -8.60	46.41 4.76 -3.85	43.58 4.82 -1.14	38.99 3.99 0.00
PPL PILGRIM_ST_GT2 24217	36.58 2.90 0.00	32.48 2.38 0.00	30.82 1.99 0.00	30.81 2.01 0.00	30.83 1.99 0.00	37.97 3.55 0.00	51.56 5.25 -0.21	65.69 5.97 0.00	56.81 5.77 0.00	47.63 4.83 0.00	45.88 4.61 -3.20	43.82 4.48 -1.39	42.59 4.48 -1.39	42.21 4.21 -4.85	41.86 4.07 -6.93	43.34 4.02 -9.06	47.50 4.30 -10.35	63.41 5.02 -20.40	80.06 5.90 -31.09	67.90 5.37 -22.77	51.43 4.79 -8.60	46.41 4.76 -3.85	43.58 4.82 -1.14	38.99 3.99 0.00
PPL_SHRM_GT3 24213	36.99 3.30 0.00	32.63 2.53 0.00	30.88 2.05 0.00	30.89 2.10 0.00	30.91 2.08 0.00	39.65 5.23 0.00	53.74 7.42 -0.22	66.70 6.98 0.00	59.05 8.01 0.00	48.62 5.82 0.00	46.80 5.52 -3.21	44.62 5.27 -1.39	43.26 5.14 -1.39	42.88 4.88 -4.85	42.63 4.84 -6.93	44.34 5.02 -9.06	48.58 5.39 -10.35	64.59 6.20 -20.39	81.39 7.23 -31.09	69.02 6.48 -22.76	52.53 5.90 -8.60	47.54 5.89 -3.85	44.59 5.83 -1.14	39.49 4.48 0.00
PPL_SHRM_GT4 24214	36.99 3.30 0.00	32.63 2.53 0.00	30.88 2.05 0.00	30.89 2.10 0.00	30.91 2.08 0.00	39.65 5.23 0.00	53.74 7.42 -0.22	66.70 6.98 0.00	59.05 8.01 0.00	48.62 5.82 0.00	46.80 5.52 -3.21	44.62 5.27 -1.39	43.26 5.14 -1.39	42.88 4.88 -4.85	42.63 4.84 -6.93	44.34 5.02 -9.06	48.58 5.39 -10.35	64.59 6.20 -20.39	81.39 7.23 -31.09	69.02 6.48 -22.76	52.53 5.90 -8.60	47.54 5.89 -3.85	44.59 5.83 -1.14	39.49 4.48 0.00
PROJECT___ORANGE 1 24174	33.85 0.17 0.00	30.31 0.21 0.00	29.03 0.20 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.63 0.21 0.00	46.14 0.00 -0.04	59.48 -0.24 0.00	50.68 -0.36 0.00	42.67 -0.13 0.00	38.77 0.04 -0.66	38.20 -0.04 -0.28	36.68 -0.18 -0.13	33.88 -0.17 -0.89	31.84 -0.15 -1.14	31.34 -0.12 -1.21	33.89 -0.20 -1.24	40.91 0.04 -2.88	48.42 0.34 -5.01	43.54 0.28 -3.49	39.52 0.00 -1.49	38.04 -0.26 -0.51	37.51 -0.11 0.00	34.94 -0.07 0.00
PROJECT___ORANGE 2 24166	33.85 0.17 0.00	30.31 0.21 0.00	29.03 0.20 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.63 0.21 0.00	46.14 0.00 -0.04	59.48 -0.24 0.00	50.68 -0.36 0.00	42.67 -0.13 0.00	38.77 0.04 -0.66	38.20 -0.04 -0.28	36.68 -0.18 -0.13	33.88 -0.17 -0.89	31.84 -0.15 -1.14	31.34 -0.12 -1.21	33.89 -0.20 -1.24	40.91 0.04 -2.88	48.42 0.34 -5.01	43.54 0.28 -3.49	39.52 0.00 -1.49	38.04 -0.26 -0.51	37.51 -0.11 0.00	34.94 -0.07 0.00

PUCKETT___SOLAR 323809	35.23 1.55 0.00	31.54 1.44 0.00	30.25 1.41 0.00	30.20 1.41 0.00	30.28 1.44 0.00	36.14 1.72 0.00	48.68 2.49 -0.09	62.88 3.16 0.00	53.23 2.19 0.00	44.25 1.46 0.00	41.14 1.67 -1.39	39.96 1.41 -0.60	38.08 1.07 -0.29	35.99 0.93 -1.91	34.16 0.86 -2.44	33.75 0.91 -2.59	36.72 1.25 -2.62	46.01 1.94 -6.07	56.40 2.76 -10.57	49.64 2.51 -7.37	43.38 2.21 -3.14	40.45 1.59 -1.07	39.50 1.88 0.00	36.65 1.65 0.00
PYRITES___HYD 24023	34.49 0.81 0.00	30.73 0.63 0.00	29.41 0.58 0.00	29.31 0.52 0.00	29.15 0.32 0.00	34.97 0.55 0.00	46.70 0.60 -0.01	60.97 1.25 0.00	52.62 1.58 0.00	44.04 1.24 0.00	39.02 0.84 -0.10	38.53 0.53 -0.04	36.71 -0.04 -0.02	32.99 -0.30 -0.14	30.82 -0.22 -0.18	30.26 -0.18 -0.19	32.88 -0.16 -0.20	38.53 0.08 -0.46	43.81 -0.04 -0.79	40.32 0.00 -0.55	38.65 0.38 -0.24	38.40 0.53 -0.08	38.22 0.60 0.00	35.64 0.63 0.00
QUAKERRD_115KV_BK1 80622	32.87 -0.81 0.00	29.50 -0.60 0.00	28.26 -0.58 0.00	28.19 -0.60 0.00	28.26 -0.58 0.00	33.73 -0.69 0.00	44.86 -1.29 -0.05	53.87 -5.85 0.00	45.73 -5.31 0.00	38.60 -4.19 0.00	35.47 -3.35 -0.75	37.48 -0.80 -0.31	35.89 -0.99 -0.15	33.23 -0.93 -1.01	31.25 -0.89 -1.29	30.71 -0.91 -1.37	33.34 -0.92 -1.42	40.52 -0.76 -3.29	48.40 -0.39 -5.72	43.36 -0.40 -3.98	38.78 -0.95 -1.70	36.97 -1.40 -0.58	36.57 -1.05 0.00	33.99 -1.02 0.00
QUENSBRY_115KV_TB8 356137	34.90 1.21 0.00	31.15 1.05 0.00	29.81 0.98 0.00	29.80 1.01 0.00	29.82 0.98 0.00	35.66 1.24 0.00	49.23 2.86 -0.27	63.42 3.70 0.00	54.36 3.32 0.00	45.71 2.91 0.00	44.84 2.55 -4.22	42.02 2.28 -1.78	39.88 2.13 -1.02	40.74 1.79 -5.80	39.67 1.45 -7.36	39.50 1.51 -7.73	42.31 1.68 -7.79	58.32 2.28 -18.05	77.24 2.76 -31.42	64.12 2.47 -21.89	49.74 2.36 -9.34	43.29 2.31 -3.19	39.69 2.07 0.00	36.79 1.79 0.00
RAMAPO___LBMP 323565	35.10 1.41 0.00	31.33 1.23 0.00	30.02 1.18 0.00	29.94 1.15 0.00	30.02 1.18 0.00	35.73 1.31 0.00	49.06 2.77 -0.19	62.95 3.22 0.00	53.80 2.76 0.00	45.15 2.35 0.00	43.52 2.51 -2.93	41.59 2.39 -1.24	38.66 2.35 0.42	38.75 2.19 -3.41	37.63 2.04 -4.74	37.57 1.94 -5.38	40.58 2.14 -5.59	53.58 2.62 -12.96	68.86 3.23 -22.56	58.43 2.94 -15.72	47.33 2.59 -6.71	42.50 2.42 -2.29	40.03 2.41 0.00	37.00 2.00 0.00
RANKINE____ 23646	33.95 0.27 0.00	30.58 0.48 0.00	29.35 0.52 0.00	29.25 0.46 0.00	29.36 0.52 0.00	35.07 0.65 0.00	45.65 -0.51 -0.06	58.47 -1.25 0.00	49.15 -1.89 0.00	42.15 -0.64 0.00	38.46 -0.49 -0.88	37.65 -0.68 -0.37	35.88 -1.03 -0.18	33.51 -0.83 -1.19	31.48 -0.89 -1.52	30.95 -0.91 -1.61	33.65 -0.85 -1.66	41.15 -0.68 -3.84	49.92 0.17 -6.68	44.55 0.12 -4.66	39.22 -0.80 -1.99	36.92 -1.55 -0.68	37.59 -0.04 0.00	35.11 0.11 0.00
RAVENSWOOD_GT2_1 24244	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.40 1.61 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT2_2 24245	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.40 1.61 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT2_3 24246	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.74 3.46 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT2_4 24247	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.74 3.46 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT3_1 24248	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT3_2 24249	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.86 3.55 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT3_3 24250	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.47 3.38 -1.36	40.99 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	41.98 3.02 -6.11	55.64 3.50 -14.15	71.88 4.18 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.62 3.33 -2.50	40.93 3.31 0.00	37.84 2.84 0.00
RAVENSWOOD_GT3_4 24251	35.87 2.19 0.00	31.93 1.84 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.57 1.73 0.00	36.42 2.00 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.92 3.88 0.00	46.22 3.42 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.47 3.38 -1.36	40.99 3.12 -4.73	39.58 2.93 -5.79	38.91 2.78 -5.87	41.98 3.02 -6.11	55.64 3.50 -14.15	71.88 4.18 -24.64	60.71 3.78 -17.16	48.71 3.35 -7.33	43.62 3.33 -2.50	40.93 3.31 0.00	37.84 2.84 0.00
RAVENSWOOD_GT_1 23729	35.97 2.29 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.68 1.85 0.00	36.55 2.13 0.00	49.77 3.46 -0.21	63.78 4.06 0.00	54.72 3.67 0.00	46.13 3.34 0.00	44.82 3.54 -3.20	42.80 3.49 -1.35	41.58 3.49 -1.36	41.09 3.22 -4.73	39.67 3.02 -5.79	39.00 2.87 -5.87	42.07 3.12 -6.11	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.55 3.19 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.98 2.98 0.00

RAVENSWOOD_GT_10 24258	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT_11 24259	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT_4 24252	35.80 2.12 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.35 1.93 0.00	49.90 3.60 -0.21	64.02 4.30 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.65 3.34 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.49 2.84 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.67 3.74 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
RAVENSWOOD_GT_5 24254	35.80 2.12 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.35 1.93 0.00	49.90 3.60 -0.21	64.02 4.30 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.65 3.34 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.49 2.84 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.67 3.74 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
RAVENSWOOD_GT_6 24253	35.80 2.12 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.35 1.93 0.00	49.90 3.60 -0.21	64.02 4.30 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.65 3.34 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.49 2.84 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.67 3.74 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
RAVENSWOOD_GT_7 24255	35.80 2.12 0.00	31.87 1.78 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.51 1.67 0.00	36.35 1.93 0.00	49.90 3.60 -0.21	64.02 4.30 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.65 3.34 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.49 2.84 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.67 3.74 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD_GT_9 24257	35.80 2.12 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.90 3.60 -0.21	63.96 4.24 0.00	54.82 3.78 0.00	46.13 3.34 0.00	44.70 3.43 -3.20	42.69 3.38 -1.35	41.39 3.31 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.57 3.42 -14.15	71.79 4.09 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RAVENSWOOD___1 23533	35.98 2.29 -0.01	32.06 1.96 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.60 1.76 -0.01	36.63 2.20 -0.01	49.81 3.50 -0.21	63.90 4.18 0.00	54.87 3.83 0.00	46.31 3.51 0.00	44.82 3.54 -3.20	42.84 3.49 -1.39	41.61 3.49 -1.38	41.21 3.21 -4.84	39.82 3.03 -5.94	39.16 2.88 -6.03	42.08 3.12 -6.12	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.59 3.23 -7.33	43.74 3.44 -2.51	41.09 3.46 -0.01	37.99 2.97 -0.01
RAVENSWOOD___2 23534	35.98 2.29 -0.01	32.06 1.96 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.60 1.76 -0.01	36.63 2.20 -0.01	49.81 3.50 -0.21	63.90 4.18 0.00	54.87 3.83 0.00	46.31 3.51 0.00	44.82 3.54 -3.20	42.84 3.49 -1.39	41.61 3.49 -1.38	41.21 3.21 -4.84	39.82 3.03 -5.94	39.16 2.88 -6.03	42.08 3.12 -6.12	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.59 3.23 -7.33	43.74 3.44 -2.51	41.09 3.46 -0.01	37.99 2.97 -0.01
RAVENSWOOD___3 23535	35.81 2.12 0.00	31.90 1.81 0.00	30.48 1.64 0.00	30.40 1.61 0.00	30.45 1.61 0.00	36.45 2.03 0.00	49.91 3.60 -0.21	64.02 4.30 0.00	54.92 3.88 0.00	46.26 3.46 0.00	44.71 3.43 -3.20	42.72 3.38 -1.39	41.41 3.31 -1.38	41.04 3.05 -4.84	39.66 2.87 -5.93	39.00 2.72 -6.02	41.91 2.96 -6.11	55.57 3.42 -14.15	71.75 4.05 -24.64	60.63 3.70 -17.16	48.63 3.27 -7.33	43.54 3.25 -2.50	40.89 3.27 0.00	37.77 2.76 0.00
RAVENSWOOD___4 23820	35.98 2.29 -0.01	32.06 1.96 -0.01	30.63 1.79 -0.01	30.56 1.76 -0.01	30.60 1.76 -0.01	36.63 2.20 -0.01	49.81 3.50 -0.21	63.90 4.18 0.00	54.87 3.83 0.00	46.31 3.51 0.00	44.82 3.54 -3.20	42.84 3.49 -1.39	41.61 3.49 -1.38	41.21 3.21 -4.84	39.82 3.03 -5.94	39.16 2.88 -6.03	42.08 3.12 -6.12	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.59 3.23 -7.33	43.74 3.44 -2.51	41.09 3.46 -0.01	37.99 2.97 -0.01
RCPL_TRUST___DRP 24196	35.84 2.16 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.92 3.88 0.00	46.18 3.38 0.00	44.74 3.46 -3.20	42.73 3.42 -1.35	41.43 3.34 -1.36	40.96 3.08 -4.73	39.55 2.90 -5.79	38.88 2.75 -5.87	41.94 2.99 -6.11	55.60 3.46 -14.15	71.83 4.13 -24.63	60.71 3.78 -17.16	48.67 3.31 -7.33	43.58 3.29 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
RED___ROCHESTER 323720	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.56 0.14 0.00	46.01 -0.14 -0.05	59.36 -0.36 0.00	50.12 -0.92 0.00	42.24 -0.56 0.00	39.33 0.49 -0.76	38.63 0.34 -0.33	36.89 0.00 -0.16	34.23 0.03 -1.05	32.13 -0.06 -1.34	31.58 -0.09 -1.42	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	37.89 -0.49 -0.59	37.59 -0.04 0.00	35.01 0.00 0.00
REGAN___SOLAR 323812	36.14 2.46 0.00	32.29 2.20 0.00	30.94 2.10 0.00	30.95 2.16 0.00	31.03 2.19 0.00	37.17 2.75 0.00	51.30 4.88 -0.32	65.40 5.68 0.00	56.30 5.26 0.00	46.31 3.51 0.00	46.01 3.05 -4.89	42.79 2.77 -2.06	40.18 2.46 -0.99	42.00 2.26 -6.59	41.40 2.10 -8.45	41.34 2.15 -8.94	44.37 2.46 -9.06	62.33 3.34 -20.99	83.74 4.13 -36.54	68.93 3.70 -25.46	53.01 4.11 -10.87	44.71 3.21 -3.71	40.63 3.01 0.00	37.49 2.49 0.00

RENSSELAER___COGEN 23796	34.22 0.54 0.00	30.58 0.48 0.00	29.27 0.43 0.00	29.19 0.40 0.00	29.24 0.40 0.00	34.90 0.48 0.00	47.93 1.57 -0.26	61.21 1.49 0.00	52.47 1.43 0.00	44.16 1.37 0.00	43.39 1.25 -4.06	40.88 1.21 -1.70	38.86 1.14 -1.00	39.70 0.99 -5.55	38.83 0.92 -7.05	38.59 0.94 -7.40	41.33 0.98 -7.50	56.59 1.22 -17.38	74.69 1.38 -30.25	62.12 1.27 -21.07	48.21 1.18 -9.00	41.96 1.10 -3.07	38.71 1.09 0.00	35.95 0.95 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.28 2.59 0.00	32.39 2.29 0.00	30.97 2.13 0.00	30.95 2.16 0.00	30.97 2.13 0.00	37.10 2.68 0.00	51.48 5.12 -0.27	66.35 6.63 0.00	56.81 5.77 0.00	47.76 4.96 0.00	46.67 4.38 -4.21	43.65 3.91 -1.78	41.35 3.60 -1.02	41.93 2.98 -5.79	40.72 2.50 -7.36	40.58 2.60 -7.73	43.49 2.86 -7.79	59.91 3.88 -18.04	79.12 4.65 -31.40	65.78 4.14 -21.88	51.40 4.03 -9.34	44.80 3.82 -3.19	41.12 3.50 0.00	38.05 3.05 0.00
REVERE_CPPR_DRP 24186	35.47 1.79 0.00	31.63 1.54 0.00	30.30 1.47 0.00	30.29 1.50 0.00	30.37 1.53 0.00	36.38 1.96 0.00	48.83 2.72 -0.02	63.18 3.46 0.00	53.90 2.86 0.00	45.11 2.31 0.00	40.57 2.21 -0.29	40.17 2.09 -0.12	38.33 1.54 -0.06	34.90 1.36 -0.39	32.68 1.33 -0.50	32.14 1.36 -0.53	34.87 1.48 -0.54	41.41 2.17 -1.25	48.09 2.84 -2.18	43.79 2.51 -1.52	41.12 2.43 -0.65	40.05 2.04 -0.22	39.50 1.88 0.00	36.62 1.61 0.00
REYNOLDS_115KV_TB3 80639	34.63 0.94 0.00	30.94 0.84 0.00	29.58 0.75 0.00	29.54 0.75 0.00	29.59 0.75 0.00	35.31 0.89 0.00	48.48 2.12 -0.26	61.93 2.21 0.00	53.08 2.04 0.00	44.64 1.84 0.00	43.89 1.75 -4.07	41.38 1.71 -1.72	39.35 1.62 -1.01	40.18 1.43 -5.60	39.29 1.33 -7.11	39.04 1.33 -7.46	41.78 1.41 -7.52	57.08 1.67 -17.42	75.28 1.89 -30.32	62.68 1.79 -21.12	48.72 1.67 -9.02	42.46 1.59 -3.08	39.13 1.50 0.00	36.37 1.37 0.00
RIVERBAY____ 323610	36.31 2.63 0.00	32.36 2.26 0.00	30.97 2.13 0.00	30.92 2.13 0.00	31.03 2.19 0.00	36.93 2.51 0.00	50.04 3.73 -0.21	63.90 4.18 0.00	54.66 3.62 0.00	46.05 3.25 0.00	44.78 3.50 -3.20	42.77 3.45 -1.35	41.54 3.45 -1.36	41.06 3.18 -4.73	39.61 2.96 -5.79	38.94 2.81 -5.87	42.04 3.09 -6.11	55.83 3.69 -14.15	71.70 4.00 -24.64	60.51 3.58 -17.16	48.52 3.16 -7.33	43.84 3.55 -2.50	41.20 3.57 0.00	38.12 3.12 0.00
RIVERSDE_115KV_TB3 55908	34.29 0.61 0.00	30.64 0.54 0.00	29.32 0.49 0.00	29.28 0.49 0.00	29.30 0.46 0.00	34.97 0.55 0.00	48.06 1.71 -0.26	61.39 1.67 0.00	52.62 1.58 0.00	44.25 1.46 0.00	43.51 1.37 -4.06	41.00 1.33 -1.72	38.98 1.25 -1.00	39.88 1.13 -5.60	38.98 1.02 -7.11	38.74 1.03 -7.45	41.44 1.08 -7.51	56.73 1.33 -17.41	74.88 1.51 -30.30	62.27 1.39 -21.11	48.34 1.29 -9.01	42.08 1.21 -3.08	38.79 1.17 0.00	36.02 1.02 0.00
ROARING___BROOK_WT_PWR 323790	33.18 -0.50 0.00	29.65 -0.45 0.00	28.49 -0.34 0.00	28.50 -0.29 0.00	28.58 -0.26 0.00	34.14 -0.28 0.00	45.68 -0.42 0.00	59.31 -0.42 0.00	50.69 -0.35 0.00	42.50 -0.30 0.00	37.66 -0.42 0.00	37.46 -0.49 0.00	36.22 -0.51 0.00	32.62 -0.53 0.00	30.33 -0.52 0.00	29.74 -0.51 0.00	32.35 -0.49 0.00	37.50 -0.50 0.00	42.46 -0.60 0.00	39.29 -0.48 0.00	37.69 -0.34 0.00	37.53 -0.26 0.00	37.25 -0.38 0.00	34.66 -0.35 0.00
ROCHESRG_115KV_T4 355643	33.48 -0.20 0.00	30.04 -0.06 0.00	28.80 -0.03 0.00	28.73 -0.06 0.00	28.81 -0.03 0.00	34.39 -0.03 0.00	45.55 -0.60 -0.05	58.47 -1.25 0.00	49.51 -1.53 0.00	42.11 -0.68 0.00	38.75 -0.08 -0.76	38.09 -0.19 -0.32	36.44 -0.44 -0.15	33.78 -0.40 -1.02	31.73 -0.43 -1.31	31.19 -0.45 -1.39	33.88 -0.39 -1.43	41.16 -0.15 -3.31	49.22 0.39 -5.77	44.11 0.32 -4.02	39.37 -0.38 -1.71	37.51 -0.87 -0.59	37.21 -0.41 0.00	34.62 -0.39 0.00
ROCHESTER_9_IC 23652	33.65 -0.03 0.00	30.22 0.12 0.00	28.95 0.12 0.00	28.88 0.09 0.00	28.95 0.12 0.00	34.56 0.14 0.00	45.82 -0.32 -0.05	58.94 -0.78 0.00	49.92 -1.12 0.00	42.45 -0.34 0.00	39.06 0.23 -0.76	38.39 0.11 -0.32	36.70 -0.18 -0.15	34.01 -0.17 -1.03	31.96 -0.22 -1.32	31.40 -0.24 -1.39	34.12 -0.16 -1.44	41.43 0.11 -3.32	49.58 0.73 -5.79	44.40 0.60 -4.03	39.64 -0.11 -1.72	37.77 -0.60 -0.59	37.47 -0.15 0.00	34.83 -0.18 0.00
ROCKVIEW_13_KV_LD 356306	35.77 2.09 0.00	31.84 1.75 0.00	30.45 1.61 0.00	30.37 1.58 0.00	30.51 1.67 0.00	36.38 1.96 0.00	50.00 3.69 -0.21	64.14 4.42 0.00	54.97 3.93 0.00	46.22 3.42 0.00	44.74 3.46 -3.20	42.69 3.38 -1.35	41.43 3.34 -1.36	40.93 3.05 -4.73	39.52 2.87 -5.79	38.85 2.72 -5.87	41.91 2.96 -6.11	55.60 3.46 -14.15	71.88 4.18 -24.64	60.75 3.82 -17.16	48.74 3.38 -7.33	43.58 3.29 -2.50	40.86 3.24 0.00	37.77 2.77 0.00
ROME____115KV_TB2 80656	35.47 1.79 0.00	31.63 1.54 0.00	30.30 1.47 0.00	30.29 1.50 0.00	30.37 1.53 0.00	36.38 1.96 0.00	48.83 2.72 -0.02	63.18 3.46 0.00	53.90 2.86 0.00	45.11 2.31 0.00	40.57 2.21 -0.29	40.17 2.09 -0.12	38.33 1.54 -0.06	34.90 1.36 -0.39	32.68 1.33 -0.50	32.14 1.36 -0.53	34.87 1.48 -0.54	41.41 2.17 -1.25	48.09 2.84 -2.18	43.79 2.51 -1.52	41.12 2.43 -0.65	40.05 2.04 -0.22	39.50 1.88 0.00	36.62 1.61 0.00
ROSETON___1 23587	35.30 1.62 0.00	31.51 1.41 0.00	30.13 1.30 0.00	30.06 1.27 0.00	30.08 1.24 0.00	35.97 1.55 0.00	49.26 2.95 -0.21	63.18 3.46 0.00	54.15 3.11 0.00	45.54 2.74 0.00	43.93 2.70 -3.15	41.91 2.58 -1.37	39.89 2.50 -0.66	39.85 2.32 -4.38	38.63 2.16 -5.61	38.28 2.09 -5.94	41.13 2.26 -6.02	54.64 2.70 -13.95	70.58 3.23 -24.28	59.63 2.94 -16.92	47.92 2.66 -7.22	42.79 2.53 -2.46	40.14 2.52 0.00	37.14 2.14 0.00
ROSETON___2 23588	35.30 1.62 0.00	31.51 1.41 0.00	30.13 1.30 0.00	30.06 1.27 0.00	30.08 1.24 0.00	35.97 1.55 0.00	49.26 2.95 -0.21	63.18 3.46 0.00	54.15 3.11 0.00	45.54 2.74 0.00	43.93 2.70 -3.15	41.91 2.58 -1.37	39.89 2.50 -0.66	39.85 2.32 -4.38	38.63 2.16 -5.61	38.28 2.09 -5.94	41.13 2.26 -6.02	54.64 2.70 -13.95	70.58 3.23 -24.28	59.63 2.94 -16.92	47.92 2.66 -7.22	42.79 2.53 -2.46	40.14 2.52 0.00	37.14 2.14 0.00
ROTTTRDAM_115KV_TB3 80664	34.86 1.18 0.00	31.12 1.02 0.00	29.81 0.98 0.00	29.77 0.98 0.00	29.79 0.95 0.00	35.56 1.14 0.00	48.63 2.26 -0.27	62.29 2.57 0.00	53.29 2.25 0.00	44.76 1.97 0.00	44.16 1.83 -4.26	41.54 1.78 -1.80	39.41 1.65 -1.03	40.50 1.49 -5.85	39.65 1.36 -7.44	39.43 1.36 -7.81	42.19 1.48 -7.87	58.01 1.79 -18.23	76.95 2.15 -31.73	63.83 1.95 -22.11	49.30 1.83 -9.44	42.75 1.74 -3.22	39.28 1.66 0.00	36.44 1.44 0.00
RUSSELL___1 23602	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	46.05 -0.09 -0.05	59.36 -0.36 0.00	50.22 -0.82 0.00	42.71 -0.09 0.00	39.29 0.46 -0.76	38.62 0.34 -0.32	36.88 0.00 -0.15	34.18 0.00 -1.03	32.11 -0.06 -1.32	31.55 -0.09 -1.39	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	38.00 -0.38 -0.59	37.66 0.04 0.00	35.01 0.00 0.00

RUSSELL___2 23532	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	46.05 -0.09 -0.05	59.36 -0.36 0.00	50.22 -0.82 0.00	42.71 -0.09 0.00	39.29 0.46 -0.76	38.62 0.34 -0.32	36.88 0.00 -0.15	34.18 0.00 -1.03	32.11 -0.06 -1.32	31.55 -0.09 -1.39	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	38.00 -0.38 -0.59	37.66 0.04 0.00	35.01 0.00 0.00
RUSSELL___3 23549	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	46.05 -0.09 -0.05	59.36 -0.36 0.00	50.22 -0.82 0.00	42.71 -0.09 0.00	39.29 0.46 -0.76	38.62 0.34 -0.32	36.88 0.00 -0.15	34.18 0.00 -1.03	32.11 -0.06 -1.32	31.55 -0.09 -1.39	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	38.00 -0.38 -0.59	37.66 0.04 0.00	35.01 0.00 0.00
RUSSELL___4 23556	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	46.05 -0.09 -0.05	59.36 -0.36 0.00	50.22 -0.82 0.00	42.71 -0.09 0.00	39.29 0.46 -0.76	38.62 0.34 -0.32	36.88 0.00 -0.15	34.18 0.00 -1.03	32.11 -0.06 -1.32	31.55 -0.09 -1.39	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	38.00 -0.38 -0.59	37.66 0.04 0.00	35.01 0.00 0.00
RUSSELL___STATION 23914	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	46.05 -0.09 -0.05	59.36 -0.36 0.00	50.22 -0.82 0.00	42.71 -0.09 0.00	39.29 0.46 -0.76	38.62 0.34 -0.32	36.88 0.00 -0.15	34.18 0.00 -1.03	32.11 -0.06 -1.32	31.55 -0.09 -1.39	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	38.00 -0.38 -0.59	37.66 0.04 0.00	35.01 0.00 0.00
S SALMON___HYD 24043	33.82 0.14 0.00	30.22 0.12 0.00	28.95 0.12 0.00	28.91 0.12 0.00	28.98 0.14 0.00	34.59 0.17 0.00	46.22 0.09 -0.03	59.66 -0.06 0.00	50.84 -0.20 0.00	42.50 -0.30 0.00	38.52 -0.08 -0.52	37.99 -0.19 -0.22	36.43 -0.40 -0.11	33.47 -0.40 -0.71	31.34 -0.43 -0.91	30.89 -0.33 -0.97	33.47 -0.36 -0.98	40.23 -0.04 -2.27	47.28 0.26 -3.95	42.76 0.24 -2.75	39.36 0.15 -1.18	38.01 -0.19 -0.40	37.51 -0.11 0.00	34.97 -0.03 0.00
S.PERRY___115KV_TB1 80734	35.06 1.38 0.00	31.48 1.38 0.00	30.19 1.36 0.00	30.09 1.30 0.00	30.19 1.36 0.00	36.07 1.65 0.00	46.57 0.41 -0.06	60.68 0.96 0.00	51.09 0.05 0.00	43.05 0.26 0.00	39.33 0.34 -0.91	38.34 0.00 -0.39	36.51 -0.40 -0.19	34.05 -0.33 -1.23	32.07 -0.37 -1.58	31.62 -0.30 -1.67	34.47 -0.10 -1.72	42.63 0.65 -3.99	51.74 1.72 -6.95	46.20 1.59 -4.84	40.86 0.76 -2.07	39.52 1.02 -0.71	39.32 1.69 0.00	36.44 1.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.48 -0.20 0.00	30.16 0.06 0.00	28.95 0.12 0.00	28.85 0.06 0.00	28.92 0.09 0.00	34.56 0.14 0.00	45.00 -1.15 -0.06	57.39 -2.33 0.00	48.28 -2.76 0.00	41.47 -1.33 0.00	38.09 -0.84 -0.86	37.33 -0.99 -0.36	35.62 -1.29 -0.18	33.22 -1.09 -1.16	31.23 -1.11 -1.49	30.71 -1.12 -1.57	33.39 -1.08 -1.62	40.69 -1.06 -3.76	49.31 -0.30 -6.55	44.01 -0.32 -4.56	38.76 -1.22 -1.95	36.53 -1.93 -0.66	37.02 -0.60 0.00	34.55 -0.46 0.00
SAWYER___23_KV_LOAD 55526	33.48 -0.20 0.00	30.16 0.06 0.00	28.95 0.12 0.00	28.85 0.06 0.00	28.92 0.09 0.00	34.56 0.14 0.00	45.00 -1.15 -0.06	57.39 -2.33 0.00	48.28 -2.76 0.00	41.47 -1.33 0.00	38.09 -0.84 -0.86	37.33 -0.99 -0.36	35.62 -1.29 -0.18	33.22 -1.09 -1.16	31.23 -1.11 -1.49	30.71 -1.12 -1.57	33.39 -1.08 -1.62	40.69 -1.06 -3.76	49.31 -0.30 -6.55	44.01 -0.32 -4.56	38.76 -1.22 -1.95	36.53 -1.93 -0.66	37.02 -0.60 0.00	34.55 -0.46 0.00
SELKIRK___I 23801	34.76 1.08 0.00	31.06 0.96 0.00	29.76 0.92 0.00	29.71 0.92 0.00	29.73 0.89 0.00	35.45 1.03 0.00	48.47 2.12 -0.26	61.99 2.27 0.00	53.13 2.09 0.00	44.63 1.84 0.00	43.77 1.71 -3.98	41.30 1.67 -1.67	39.24 1.54 -0.96	39.96 1.36 -5.45	39.04 1.27 -6.92	38.79 1.27 -7.26	41.56 1.35 -7.36	56.69 1.63 -17.06	74.66 1.89 -29.70	62.21 1.75 -20.69	48.54 1.67 -8.83	42.39 1.59 -3.01	39.20 1.58 0.00	36.41 1.40 0.00
SELKIRK___II 23799	34.53 0.84 0.00	30.85 0.75 0.00	29.52 0.69 0.00	29.45 0.66 0.00	29.50 0.66 0.00	35.18 0.76 0.00	48.15 1.80 -0.26	61.57 1.85 0.00	52.78 1.74 0.00	44.33 1.54 0.00	43.56 1.45 -4.04	41.06 1.41 -1.69	39.03 1.32 -0.99	39.86 1.19 -5.52	38.97 1.11 -7.01	38.69 1.09 -7.35	41.48 1.18 -7.45	56.67 1.41 -17.27	74.77 1.64 -30.07	62.23 1.51 -20.95	48.38 1.41 -8.94	42.17 1.32 -3.05	38.98 1.35 0.00	36.16 1.15 0.00
SENECA OSWGO___HYD 24041	33.55 -0.13 0.00	30.01 -0.09 0.00	28.78 -0.06 0.00	28.70 -0.09 0.00	28.78 -0.06 0.00	34.32 -0.10 0.00	45.72 -0.42 -0.04	58.76 -0.96 0.00	50.33 -0.71 0.00	42.03 -0.77 0.00	38.20 -0.46 -0.58	37.68 -0.53 -0.25	36.22 -0.62 -0.12	33.38 -0.56 -0.79	31.35 -0.52 -1.02	30.82 -0.51 -1.08	33.38 -0.56 -1.09	40.07 -0.45 -2.53	47.21 -0.26 -4.41	42.56 -0.28 -3.07	39.04 -0.31 -1.31	37.56 -0.68 -0.45	37.06 -0.56 0.00	34.59 -0.42 0.00
SENECA___115KV_TB3 355854	34.02 0.34 0.00	30.64 0.54 0.00	29.41 0.58 0.00	29.31 0.52 0.00	29.41 0.58 0.00	35.11 0.69 0.00	45.74 -0.41 -0.06	58.65 -1.07 0.00	49.31 -1.74 0.00	42.24 -0.56 0.00	38.53 -0.42 -0.88	37.72 -0.61 -0.37	35.95 -0.95 -0.18	33.58 -0.76 -1.19	31.54 -0.83 -1.52	31.01 -0.85 -1.61	33.72 -0.79 -1.66	41.23 -0.61 -3.84	50.05 0.30 -6.68	44.63 0.20 -4.66	39.30 -0.72 -1.99	37.00 -1.47 -0.68	37.66 0.04 0.00	35.18 0.18 0.00
SENECA___ENERGY 23797	34.12 0.44 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.38 0.55 0.00	35.00 0.58 0.00	46.79 0.65 -0.05	60.98 1.26 0.00	51.81 0.77 0.00	43.22 0.43 0.00	39.76 0.88 -0.81	38.76 0.46 -0.34	37.12 0.22 -0.17	34.42 0.17 -1.10	32.39 0.12 -1.41	31.87 0.12 -1.50	34.55 0.20 -1.51	42.20 0.72 -3.49	50.43 1.29 -6.07	45.15 1.15 -4.23	40.56 0.72 -1.81	38.52 0.11 -0.62	38.04 0.41 0.00	35.39 0.39 0.00
SHOEMAKER___GT 23640	35.16 1.48 0.00	31.39 1.29 0.00	30.04 1.21 0.00	29.97 1.18 0.00	29.99 1.15 0.00	35.80 1.38 0.00	48.91 2.63 -0.19	62.88 3.16 0.00	53.74 2.70 0.00	45.15 2.35 0.00	43.20 2.32 -2.80	41.41 2.24 -1.21	38.83 2.13 0.03	38.65 1.96 -3.54	37.47 1.85 -4.77	37.27 1.75 -5.26	40.12 1.94 -5.34	52.79 2.43 -12.36	67.55 2.97 -21.52	57.47 2.71 -14.99	46.83 2.40 -6.40	42.24 2.27 -2.18	39.88 2.26 0.00	36.93 1.92 0.00
SHOEMAKR_138KV_BK 111 55601	35.13 1.45 0.00	31.36 1.26 0.00	30.02 1.18 0.00	29.94 1.15 0.00	30.02 1.18 0.00	35.73 1.31 0.00	48.91 2.63 -0.18	62.83 3.11 0.00	53.64 2.60 0.00	45.02 2.23 0.00	43.18 2.32 -2.78	41.33 2.20 -1.17	38.84 2.13 0.02	38.55 1.96 -3.44	37.30 1.82 -4.62	37.11 1.75 -5.10	40.08 1.94 -5.30	52.66 2.39 -12.27	67.36 2.93 -21.37	57.32 2.66 -14.89	46.78 2.40 -6.36	42.19 2.23 -2.17	39.84 2.22 0.00	36.90 1.89 0.00

SHOREHAM_IC_1 23715	36.99 3.30 0.00	32.63 2.53 0.00	30.88 2.05 0.00	30.89 2.10 0.00	30.91 2.08 0.00	39.65 5.23 0.00	53.74 7.42 -0.22	66.70 6.98 0.00	59.05 8.01 0.00	48.62 5.82 0.00	46.80 5.52 -3.21	44.62 5.27 -1.39	43.26 5.14 -1.39	42.88 4.88 -4.85	42.63 4.84 -6.93	44.34 5.02 -9.06	48.58 5.39 -10.35	64.59 6.20 -20.39	81.39 7.23 -31.09	69.02 6.48 -22.76	52.53 5.90 -8.60	47.54 5.89 -3.85	44.59 5.83 -1.14	39.49 4.48 0.00
SHOREHAM_IC_2 23716	36.99 3.30 0.00	32.63 2.53 0.00	30.88 2.05 0.00	30.89 2.10 0.00	30.91 2.08 0.00	39.65 5.23 0.00	53.74 7.42 -0.22	66.70 6.98 0.00	59.05 8.01 0.00	48.62 5.82 0.00	46.80 5.52 -3.21	44.62 5.27 -1.39	43.26 5.14 -1.39	42.88 4.88 -4.85	42.63 4.84 -6.93	44.34 5.02 -9.06	48.58 5.39 -10.35	64.59 6.20 -20.39	81.39 7.23 -31.09	69.02 6.48 -22.76	52.53 5.90 -8.60	47.54 5.89 -3.85	44.59 5.83 -1.14	39.49 4.48 0.00
SISSONVILLE____ 23735	33.51 -0.17 0.00	29.89 -0.21 0.00	28.60 -0.23 0.00	28.47 -0.32 0.00	28.32 -0.52 0.00	33.83 -0.59 0.00	45.09 -1.01 -0.01	59.06 -0.66 0.00	51.09 0.05 0.00	42.84 0.04 0.00	37.91 -0.27 -0.10	37.47 -0.53 -0.04	35.80 -0.95 -0.02	32.20 -1.09 -0.14	30.02 -1.02 -0.18	29.48 -0.97 -0.19	32.02 -1.02 -0.20	37.39 -1.06 -0.46	42.35 -1.51 -0.79	39.01 -1.31 -0.55	37.36 -0.91 -0.24	37.27 -0.60 -0.08	37.10 -0.53 0.00	34.69 -0.32 0.00
SITHE_IND_GS1 24169	33.04 -0.64 0.00	29.59 -0.51 0.00	28.34 -0.49 0.00	28.30 -0.49 0.00	28.35 -0.49 0.00	33.80 -0.62 0.00	44.84 -1.29 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.46 -1.11 -0.49	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.76 -1.06 -0.67	30.73 -0.99 -0.86	30.23 -0.94 -0.91	32.72 -1.05 -0.93	39.04 -1.10 -2.15	45.72 -1.07 -3.73	41.38 -0.99 -2.60	38.08 -1.06 -1.11	36.89 -1.29 -0.38	36.46 -1.17 0.00	34.10 -0.91 0.00
SITHE_IND_GS2 24170	33.04 -0.64 0.00	29.59 -0.51 0.00	28.34 -0.49 0.00	28.30 -0.49 0.00	28.35 -0.49 0.00	33.80 -0.62 0.00	44.84 -1.29 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.46 -1.11 -0.49	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.76 -1.06 -0.67	30.73 -0.99 -0.86	30.23 -0.94 -0.91	32.72 -1.05 -0.93	39.04 -1.10 -2.15	45.72 -1.07 -3.73	41.38 -0.99 -2.60	38.08 -1.06 -1.11	36.89 -1.29 -0.38	36.46 -1.17 0.00	34.10 -0.91 0.00
SITHE_IND_GS3 24171	33.04 -0.64 0.00	29.59 -0.51 0.00	28.34 -0.49 0.00	28.30 -0.49 0.00	28.35 -0.49 0.00	33.80 -0.62 0.00	44.84 -1.29 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.46 -1.11 -0.49	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.76 -1.06 -0.67	30.73 -0.99 -0.86	30.23 -0.94 -0.91	32.72 -1.05 -0.93	39.04 -1.10 -2.15	45.72 -1.07 -3.73	41.38 -0.99 -2.60	38.08 -1.06 -1.11	36.89 -1.29 -0.38	36.46 -1.17 0.00	34.10 -0.91 0.00
SITHE_IND_GS4 24172	33.04 -0.64 0.00	29.59 -0.51 0.00	28.34 -0.49 0.00	28.30 -0.49 0.00	28.35 -0.49 0.00	33.80 -0.62 0.00	44.84 -1.29 -0.03	57.75 -1.97 0.00	49.31 -1.74 0.00	41.34 -1.46 0.00	37.46 -1.11 -0.49	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.76 -1.06 -0.67	30.73 -0.99 -0.86	30.23 -0.94 -0.91	32.72 -1.05 -0.93	39.04 -1.10 -2.15	45.72 -1.07 -3.73	41.38 -0.99 -2.60	38.08 -1.06 -1.11	36.89 -1.29 -0.38	36.46 -1.17 0.00	34.10 -0.91 0.00
SITHE____BATAVIA 24024	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.28 0.49 0.00	29.27 0.43 0.00	34.87 0.45 0.00	46.15 0.00 -0.05	59.31 -0.42 0.00	49.92 -1.12 0.00	41.64 -1.15 0.00	39.15 0.27 -0.81	38.34 0.04 -0.35	36.53 -0.37 -0.17	34.00 -0.27 -1.12	31.95 -0.34 -1.43	31.37 -0.39 -1.51	34.11 -0.26 -1.53	41.62 0.08 -3.55	50.19 0.95 -6.18	44.87 0.80 -4.30	39.87 0.00 -1.84	37.51 -0.91 -0.63	37.66 0.04 0.00	35.11 0.11 0.00
SITHE____INDEPEND 23800	33.04 -0.64 0.00	29.56 -0.54 0.00	28.34 -0.49 0.00	28.30 -0.49 0.00	28.35 -0.49 0.00	33.80 -0.62 0.00	44.84 -1.29 -0.03	57.75 -1.97 0.00	49.25 -1.79 0.00	41.43 -1.37 0.00	37.46 -1.10 -0.49	37.03 -1.14 -0.21	35.65 -1.18 -0.10	32.75 -1.06 -0.66	30.72 -0.99 -0.85	30.21 -0.94 -0.90	32.72 -1.05 -0.93	39.04 -1.10 -2.15	45.72 -1.08 -3.73	41.38 -0.99 -2.60	38.04 -1.10 -1.11	36.89 -1.28 -0.38	36.49 -1.13 0.00	34.10 -0.91 0.00
SITHE____MASSENA 23902	33.41 -0.27 0.00	29.80 -0.30 0.00	28.57 -0.26 0.00	28.53 -0.26 0.00	28.55 -0.29 0.00	34.11 -0.31 0.00	45.41 -0.69 0.00	59.36 -0.36 0.00	50.89 -0.15 0.00	42.63 -0.17 0.00	37.54 -0.53 0.00	37.43 -0.53 0.00	36.25 -0.48 0.00	32.66 -0.50 0.00	30.39 -0.46 0.00	29.80 -0.45 0.00	32.35 -0.49 0.00	37.35 -0.65 0.00	42.03 -1.03 0.00	38.86 -0.91 0.00	37.42 -0.61 0.00	37.41 -0.38 0.00	37.13 -0.49 0.00	34.62 -0.38 0.00
SITHE____OGDNSBRG 24021	34.79 1.11 0.00	31.03 0.93 0.00	29.67 0.84 0.00	29.57 0.78 0.00	29.41 0.58 0.00	35.31 0.89 0.00	47.21 1.11 -0.01	61.69 1.97 0.00	53.24 2.19 0.00	44.51 1.71 0.00	39.36 1.18 -0.10	38.88 0.87 -0.04	37.01 0.26 -0.02	33.26 -0.03 -0.14	31.13 0.09 -0.18	30.60 0.15 -0.19	33.27 0.23 -0.20	39.02 0.57 -0.46	44.46 0.60 -0.79	40.92 0.60 -0.55	39.22 0.95 -0.24	38.93 1.06 -0.08	38.75 1.13 0.00	36.09 1.09 0.00
SITHE____STERLING 23777	35.20 1.52 0.00	31.42 1.32 0.00	30.10 1.27 0.00	30.06 1.27 0.00	30.14 1.30 0.00	36.07 1.65 0.00	48.42 2.30 -0.02	62.59 2.87 0.00	53.59 2.55 0.00	44.59 1.80 0.00	40.27 1.87 -0.33	39.81 1.71 -0.14	38.12 1.32 -0.07	34.76 1.16 -0.45	32.54 1.11 -0.58	32.01 1.15 -0.61	34.71 1.25 -0.62	41.29 1.86 -1.43	48.01 2.45 -2.49	43.69 2.19 -1.73	41.02 2.24 -0.74	39.71 1.66 -0.25	39.20 1.58 0.00	36.37 1.36 0.00
SLEIGHT__34_KV_TB1 80719	33.65 -0.03 0.00	30.16 0.06 0.00	28.92 0.09 0.00	28.85 0.06 0.00	28.92 0.09 0.00	34.52 0.10 0.00	46.10 -0.05 -0.05	67.30 7.58 0.00	57.22 6.18 0.00	48.06 5.26 0.00	43.60 4.72 -0.80	38.53 0.23 -0.34	36.86 -0.04 -0.16	34.17 -0.07 -1.09	32.10 -0.15 -1.39	31.52 -0.21 -1.47	34.11 -0.16 -1.43	41.54 0.23 -3.31	49.57 0.73 -5.77	44.43 0.64 -4.02	39.79 0.04 -1.72	37.96 -0.42 -0.59	37.47 -0.15 0.00	34.80 -0.21 0.00
SOUTH CAIRO____GT 23612	35.27 1.58 0.00	31.48 1.39 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.02 1.18 0.00	35.69 1.27 0.00	49.25 2.91 -0.25	63.18 3.46 0.00	53.95 2.91 0.00	44.85 2.05 0.00	43.67 1.79 -3.80	41.12 1.56 -1.61	38.94 1.43 -0.78	39.49 1.19 -5.15	38.50 1.05 -6.59	38.32 1.09 -6.98	41.20 1.28 -7.07	56.36 1.97 -16.39	73.92 2.32 -28.53	61.71 2.07 -19.87	48.42 1.90 -8.48	42.54 1.85 -2.90	39.73 2.11 0.00	36.86 1.85 0.00
SOUTH HAMPTN____IC 23720	37.42 3.74 0.00	33.05 2.95 0.00	31.28 2.45 0.00	31.27 2.48 0.00	31.32 2.48 0.00	40.03 5.61 0.00	54.33 8.02 -0.22	67.84 8.12 0.00	59.77 8.73 0.00	49.47 6.67 0.00	47.56 6.28 -3.21	45.34 6.00 -1.39	43.92 5.80 -1.39	43.51 5.50 -4.85	43.18 5.40 -6.93	44.91 5.60 -9.06	49.24 6.04 -10.35	65.38 6.99 -20.39	82.30 8.14 -31.09	69.89 7.36 -22.76	53.18 6.54 -8.60	48.22 6.58 -3.85	45.27 6.51 -1.14	40.08 5.07 0.00

SOUTHDOWN_115KV_TB1 355954	35.47 1.79 0.00	31.96 1.87 0.00	30.71 1.87 0.00	30.60 1.81 0.00	30.68 1.85 0.00	36.73 2.31 0.00	48.14 1.98 -0.06	62.35 2.63 0.00	52.21 1.17 0.00	44.42 1.63 0.00	40.17 1.18 -0.91	39.22 0.87 -0.39	37.25 0.33 -0.19	34.82 0.43 -1.24	32.63 0.19 -1.58	32.05 0.12 -1.68	34.84 0.26 -1.73	42.80 0.80 -4.00	52.19 2.15 -6.97	46.61 1.99 -4.86	41.06 0.95 -2.07	38.54 0.04 -0.71	39.43 1.81 0.00	36.72 1.72 0.00
SOUTHOLD_69_KV_BK 2 55809	37.96 4.28 0.00	33.47 3.37 0.00	31.72 2.88 0.00	31.73 2.94 0.00	31.89 3.06 0.00	38.10 3.68 0.00	55.21 8.90 -0.22	69.16 9.44 0.00	58.70 7.66 0.00	50.03 7.23 0.00	48.25 6.97 -3.21	45.95 6.64 -1.35	44.53 6.43 -1.37	43.92 6.03 -4.73	43.56 5.92 -6.78	45.27 6.11 -8.91	49.85 6.67 -10.34	66.17 7.79 -20.39	83.28 9.13 -31.08	70.76 8.23 -22.76	54.12 7.49 -8.59	48.93 7.29 -3.84	45.86 7.11 -1.13	40.64 5.64 0.00
SOUTHOLD___IC 23719	37.96 4.28 0.00	33.50 3.40 0.00	31.72 2.88 0.00	31.73 2.94 0.00	31.75 2.91 0.00	40.55 6.13 0.00	55.21 8.90 -0.22	69.03 9.31 0.00	60.79 9.75 0.00	50.20 7.40 0.00	48.25 6.97 -3.21	45.99 6.64 -1.39	44.54 6.43 -1.39	44.04 6.03 -4.85	43.71 5.93 -6.93	45.43 6.11 -9.06	49.86 6.67 -10.35	66.18 7.79 -20.39	83.28 9.13 -31.09	70.77 8.23 -22.76	54.01 7.38 -8.60	48.94 7.30 -3.85	45.91 7.15 -1.14	40.64 5.64 0.00
SPIERFLS_115KV_TB 1 80737	34.49 0.81 0.00	30.79 0.69 0.00	29.47 0.63 0.00	29.45 0.66 0.00	29.47 0.63 0.00	35.21 0.79 0.00	48.58 2.21 -0.27	62.53 2.81 0.00	53.54 2.50 0.00	45.02 2.23 0.00	44.27 1.98 -4.22	41.49 1.75 -1.78	39.37 1.62 -1.02	40.28 1.33 -5.80	39.27 1.05 -7.37	39.11 1.12 -7.74	41.89 1.25 -7.80	57.77 1.71 -18.06	76.62 2.11 -31.44	63.54 1.87 -21.90	49.17 1.79 -9.35	42.76 1.78 -3.19	39.20 1.58 0.00	36.34 1.33 0.00
ST LAWRENCE____ 23600	33.04 -0.64 0.00	29.46 -0.63 0.00	28.23 -0.61 0.00	28.22 -0.58 0.00	28.26 -0.58 0.00	33.76 -0.66 0.00	44.95 -1.15 0.00	58.76 -0.96 0.00	50.28 -0.76 0.00	42.15 -0.64 0.00	37.12 -0.95 0.00	37.09 -0.87 0.00	36.00 -0.73 0.00	32.45 -0.70 0.00	30.18 -0.68 0.00	29.62 -0.64 0.00	32.16 -0.69 0.00	37.01 -0.99 0.00	41.64 -1.42 0.00	38.54 -1.23 0.00	37.04 -0.99 0.00	37.11 -0.68 0.00	36.79 -0.83 0.00	34.27 -0.74 0.00
STATE_CA_115KV_115_LB 55624	34.46 0.77 0.00	30.79 0.69 0.00	29.44 0.61 0.00	29.40 0.60 0.00	29.41 0.58 0.00	35.11 0.69 0.00	48.25 1.89 -0.26	61.69 1.97 0.00	52.88 1.84 0.00	44.51 1.71 0.00	43.78 1.60 -4.11	41.21 1.52 -1.74	39.21 1.47 -1.01	40.07 1.26 -5.66	39.18 1.14 -7.18	38.94 1.15 -7.54	41.69 1.25 -7.60	57.12 1.52 -17.60	75.43 1.72 -30.65	62.71 1.59 -21.35	48.67 1.52 -9.11	42.34 1.44 -3.11	38.98 1.35 0.00	36.20 1.19 0.00
STATE_ST_34_KV_LOAD 55959	34.49 0.81 0.00	30.88 0.78 0.00	29.61 0.78 0.00	29.57 0.78 0.00	29.64 0.81 0.00	35.35 0.93 0.00	47.30 1.15 -0.05	63.60 3.88 0.00	54.05 3.01 0.00	45.45 2.65 0.00	41.29 2.40 -0.81	39.71 1.40 -0.34	38.03 1.14 -0.17	35.21 0.96 -1.10	33.10 0.83 -1.41	32.44 0.70 -1.49	35.13 0.79 -1.50	42.88 1.41 -3.47	51.14 2.02 -6.05	45.81 1.83 -4.21	41.24 1.41 -1.80	39.39 0.98 -0.61	38.83 1.20 0.00	36.06 1.05 0.00
STATION 5_MISC_HYD 23604	33.65 -0.03 0.00	30.22 0.12 0.00	28.95 0.12 0.00	28.88 0.09 0.00	28.92 0.09 0.00	34.42 0.00 0.00	45.83 -0.32 -0.05	58.94 -0.78 0.00	49.82 -1.23 0.00	41.98 -0.81 0.00	39.10 0.27 -0.76	38.40 0.11 -0.33	36.70 -0.18 -0.16	34.03 -0.16 -1.05	31.98 -0.21 -1.34	31.43 -0.24 -1.42	34.12 -0.16 -1.44	41.44 0.11 -3.32	49.58 0.73 -5.79	44.40 0.60 -4.03	39.68 -0.08 -1.72	37.70 -0.68 -0.59	37.40 -0.22 0.00	34.83 -0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.09 0.40 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	35.00 0.59 0.00	46.70 0.55 -0.05	60.14 0.42 0.00	50.94 -0.10 0.00	43.10 0.30 0.00	39.49 0.65 -0.76	38.85 0.57 -0.32	37.14 0.26 -0.16	34.39 0.20 -1.03	32.31 0.12 -1.33	31.78 0.12 -1.40	34.49 0.20 -1.45	42.03 0.68 -3.35	50.20 1.29 -5.84	44.99 1.15 -4.07	40.26 0.49 -1.74	38.38 0.00 -0.59	37.96 0.34 0.00	35.25 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.48 -0.20 0.00	30.04 -0.06 0.00	28.80 -0.03 0.00	28.70 -0.09 0.00	28.78 -0.06 0.00	34.35 -0.07 0.00	45.64 -0.51 -0.05	58.94 -0.78 0.00	49.92 -1.12 0.00	42.45 -0.34 0.00	39.06 0.23 -0.76	38.24 -0.04 -0.32	36.55 -0.33 -0.15	33.88 -0.30 -1.03	31.83 -0.34 -1.31	31.28 -0.36 -1.39	33.95 -0.33 -1.43	41.27 -0.04 -3.32	49.35 0.52 -5.77	44.19 0.40 -4.02	39.48 -0.27 -1.72	37.62 -0.76 -0.59	37.28 -0.34 0.00	34.66 -0.35 0.00
STA_56___34_KV_BUS2 355983	33.48 -0.20 0.00	30.04 -0.06 0.00	28.80 -0.03 0.00	28.70 -0.09 0.00	28.78 -0.06 0.00	34.35 -0.07 0.00	45.64 -0.51 -0.05	58.94 -0.78 0.00	49.92 -1.12 0.00	42.45 -0.34 0.00	39.06 0.23 -0.76	38.24 -0.04 -0.32	36.55 -0.33 -0.15	33.88 -0.30 -1.03	31.83 -0.34 -1.31	31.28 -0.36 -1.39	33.95 -0.33 -1.43	41.27 -0.04 -3.32	49.35 0.52 -5.77	44.19 0.40 -4.02	39.48 -0.27 -1.72	37.62 -0.76 -0.59	37.28 -0.34 0.00	34.66 -0.35 0.00
STA_67___115KV_BK2 355882	33.58 -0.10 0.00	30.16 0.06 0.00	28.89 0.06 0.00	28.82 0.03 0.00	28.89 0.06 0.00	34.49 0.07 0.00	45.73 -0.41 -0.05	58.76 -0.96 0.00	49.76 -1.28 0.00	42.32 -0.47 0.00	38.95 0.11 -0.76	38.28 0.00 -0.32	36.59 -0.29 -0.15	33.95 -0.23 -1.03	31.86 -0.31 -1.31	31.31 -0.33 -1.39	34.02 -0.26 -1.43	41.32 0.00 -3.32	49.45 0.60 -5.79	44.28 0.48 -4.03	39.56 -0.19 -1.72	37.70 -0.68 -0.59	37.36 -0.26 0.00	34.76 -0.25 0.00
STA_7___115KV_9TRANS 80674	33.78 0.10 0.00	30.34 0.24 0.00	29.06 0.23 0.00	28.99 0.20 0.00	29.04 0.20 0.00	34.66 0.24 0.00	46.05 -0.09 -0.05	59.36 -0.36 0.00	50.22 -0.82 0.00	42.71 -0.09 0.00	39.29 0.46 -0.76	38.62 0.34 -0.32	36.88 0.00 -0.15	34.18 0.00 -1.03	32.11 -0.06 -1.32	31.55 -0.09 -1.39	34.28 0.00 -1.44	41.70 0.38 -3.32	49.84 0.99 -5.79	44.68 0.87 -4.03	39.87 0.11 -1.72	38.00 -0.38 -0.59	37.66 0.04 0.00	35.01 0.00 0.00
STA_82___115KV_TB1 80780	33.62 -0.07 0.00	30.16 0.06 0.00	28.92 0.09 0.00	28.85 0.06 0.00	28.89 0.06 0.00	34.52 0.10 0.00	45.73 -0.41 -0.05	58.82 -0.90 0.00	49.82 -1.22 0.00	42.37 -0.43 0.00	39.03 0.19 -0.76	38.32 0.04 -0.32	36.63 -0.26 -0.16	33.95 -0.23 -1.03	31.90 -0.28 -1.32	31.35 -0.30 -1.40	34.06 -0.23 -1.44	41.37 0.04 -3.33	49.51 0.65 -5.80	44.33 0.52 -4.04	39.57 -0.19 -1.73	37.70 -0.68 -0.59	37.40 -0.23 0.00	34.80 -0.21 0.00
STEEL___WIND 323596	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.31 0.52 0.00	29.33 0.49 0.00	34.90 0.48 0.00	45.74 -0.42 -0.06	58.58 -1.14 0.00	49.10 -1.94 0.00	40.70 -2.10 0.00	38.53 -0.42 -0.88	37.69 -0.65 -0.38	35.92 -0.99 -0.18	33.56 -0.80 -1.21	31.54 -0.86 -1.55	31.01 -0.88 -1.64	33.68 -0.82 -1.66	41.19 -0.65 -3.84	49.97 0.22 -6.69	44.59 0.16 -4.66	39.34 -0.68 -1.99	36.88 -1.59 -0.68	37.55 -0.08 0.00	35.11 0.11 0.00

STEPHTWN_115KV_BK_2 55603	34.66 0.98 0.00	30.97 0.87 0.00	29.64 0.81 0.00	29.60 0.81 0.00	29.62 0.78 0.00	35.35 0.93 0.00	48.66 2.30 -0.26	62.23 2.51 0.00	53.34 2.30 0.00	44.85 2.05 0.00	44.00 1.87 -4.06	41.42 1.75 -1.71	39.38 1.65 -1.00	40.17 1.43 -5.59	39.21 1.27 -7.09	39.00 1.30 -7.44	41.73 1.38 -7.50	57.16 1.79 -17.38	75.38 2.07 -30.25	62.71 1.87 -21.07	48.78 1.75 -9.00	42.53 1.66 -3.07	39.24 1.62 0.00	36.41 1.40 0.00
STEUBEN_REC_LFGE 323667	35.20 1.52 0.00	31.63 1.54 0.00	30.39 1.56 0.00	30.29 1.50 0.00	30.45 1.61 0.00	36.31 1.89 0.00	47.96 1.80 -0.07	61.87 2.15 0.00	52.01 0.97 0.00	43.91 1.11 0.00	39.96 0.84 -1.05	38.86 0.46 -0.44	37.05 0.11 -0.21	34.67 0.10 -1.42	32.64 -0.03 -1.82	32.15 -0.03 -1.92	34.99 0.16 -1.98	43.61 1.03 -4.59	53.29 2.24 -7.99	47.48 2.15 -5.57	41.74 1.33 -2.38	39.25 0.64 -0.81	39.32 1.69 0.00	36.51 1.51 0.00
STILLWATER___SOLAR 323814	35.13 1.45 0.00	31.36 1.26 0.00	30.02 1.18 0.00	29.97 1.18 0.00	30.02 1.18 0.00	35.83 1.41 0.00	49.22 2.86 -0.27	63.12 3.40 0.00	54.05 3.01 0.00	45.45 2.65 0.00	44.67 2.40 -4.20	41.97 2.24 -1.77	39.88 2.13 -1.02	40.75 1.82 -5.77	39.83 1.64 -7.33	39.59 1.63 -7.70	42.41 1.81 -7.76	58.25 2.28 -17.97	77.07 2.71 -31.29	64.04 2.47 -21.80	49.66 2.32 -9.31	43.20 2.23 -3.18	39.73 2.11 0.00	36.86 1.86 0.00
STONY___BROOK 24151	37.05 3.37 0.00	32.78 2.68 0.00	31.05 2.22 0.00	31.04 2.25 0.00	31.09 2.25 0.00	39.06 4.64 0.00	52.95 6.64 -0.22	66.94 7.22 0.00	58.24 7.20 0.00	48.83 6.04 0.00	46.99 5.71 -3.21	44.89 5.54 -1.39	43.55 5.43 -1.39	43.11 5.10 -4.85	42.78 5.00 -6.93	44.40 5.08 -9.06	48.61 5.42 -10.35	64.54 6.15 -20.39	81.39 7.23 -31.09	69.06 6.52 -22.76	52.30 5.67 -8.60	47.58 5.93 -3.85	44.74 5.98 -1.14	39.77 4.76 0.00
STURGEON_POOL_HYD 23609	35.54 1.85 0.00	31.69 1.60 0.00	30.30 1.47 0.00	30.23 1.44 0.00	30.28 1.44 0.00	35.97 1.55 0.00	49.40 3.09 -0.21	63.30 3.58 0.00	54.10 3.06 0.00	45.32 2.52 0.00	43.72 2.40 -3.25	41.61 2.28 -1.37	39.60 2.20 -0.66	39.61 2.06 -4.40	38.44 1.94 -5.64	38.03 1.82 -5.96	41.02 2.00 -6.17	54.79 2.51 -14.29	71.00 3.06 -24.88	59.85 2.74 -17.33	47.83 2.40 -7.40	42.62 2.31 -2.53	40.18 2.56 0.00	37.14 2.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.16 1.48 0.00	31.39 1.29 0.00	30.07 1.24 0.00	30.00 1.21 0.00	30.08 1.24 0.00	35.80 1.38 0.00	49.05 2.77 -0.19	62.89 3.17 0.00	53.75 2.71 0.00	45.11 2.31 0.00	43.38 2.44 -2.86	41.48 2.32 -1.21	38.84 2.24 0.13	38.72 2.09 -3.48	37.52 1.94 -4.72	37.35 1.85 -5.25	40.34 2.04 -5.46	53.19 2.55 -12.65	68.19 3.10 -22.02	57.94 2.82 -15.34	47.09 2.51 -6.55	42.37 2.34 -2.24	39.92 2.29 0.00	36.93 1.93 0.00
SWANROAD_115KV_TB1 355699	32.74 -0.94 0.00	29.62 -0.48 0.00	28.43 -0.40 0.00	28.22 -0.58 0.00	28.40 -0.43 0.00	33.87 -0.55 0.00	43.94 -2.21 -0.06	55.84 -3.88 0.00	47.01 -4.03 0.00	40.44 -2.35 0.00	37.32 -1.60 -0.84	36.57 -1.75 -0.35	34.88 -2.02 -0.17	32.57 -1.72 -1.14	30.62 -1.70 -1.46	30.07 -1.72 -1.54	32.73 -1.71 -1.59	39.78 -1.90 -3.68	48.18 -1.29 -6.41	43.00 -1.23 -4.47	37.89 -2.05 -1.91	35.72 -2.72 -0.65	36.12 -1.50 0.00	33.75 -1.26 0.00
SYNERGY___BIOGAS 323694	33.99 0.30 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.28 0.49 0.00	29.27 0.43 0.00	34.87 0.45 0.00	46.15 0.00 -0.05	59.31 -0.42 0.00	49.92 -1.12 0.00	41.64 -1.15 0.00	39.15 0.27 -0.81	38.34 0.04 -0.35	36.53 -0.37 -0.17	34.00 -0.27 -1.12	31.95 -0.34 -1.43	31.37 -0.39 -1.51	34.11 -0.26 -1.53	41.62 0.08 -3.55	50.19 0.95 -6.18	44.87 0.80 -4.30	39.87 0.00 -1.84	37.51 -0.91 -0.63	37.66 0.04 0.00	35.11 0.11 0.00
SYRACUSE___ENERGY_ST1 323597	34.15 0.47 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.32 0.60 0.00	51.40 0.36 0.00	43.22 0.43 0.00	39.32 0.53 -0.71	38.56 0.30 -0.30	37.06 0.18 -0.14	34.24 0.13 -0.96	32.18 0.09 -1.23	31.67 0.12 -1.30	34.32 0.13 -1.34	41.55 0.46 -3.10	49.28 0.82 -5.40	44.29 0.76 -3.76	40.10 0.46 -1.61	38.49 0.15 -0.55	37.92 0.30 0.00	35.32 0.32 0.00
SYRACUSE___ENERGY_ST2 323598	34.15 0.47 0.00	30.58 0.48 0.00	29.32 0.49 0.00	29.25 0.46 0.00	29.33 0.49 0.00	34.94 0.52 0.00	46.65 0.51 -0.05	60.32 0.60 0.00	51.40 0.36 0.00	43.22 0.43 0.00	39.32 0.53 -0.71	38.56 0.30 -0.30	37.06 0.18 -0.14	34.24 0.13 -0.96	32.18 0.09 -1.23	31.67 0.12 -1.30	34.32 0.13 -1.34	41.55 0.46 -3.10	49.28 0.82 -5.40	44.29 0.76 -3.76	40.10 0.46 -1.61	38.49 0.15 -0.55	37.92 0.30 0.00	35.32 0.32 0.00
SYRACUSE___POWER 24017	34.02 0.34 0.00	30.43 0.33 0.00	29.18 0.35 0.00	29.11 0.32 0.00	29.18 0.35 0.00	34.80 0.38 0.00	46.42 0.28 -0.05	59.90 0.18 0.00	51.04 0.00 0.00	42.92 0.13 0.00	39.05 0.27 -0.71	38.41 0.15 -0.30	36.87 0.00 -0.15	34.12 0.00 -0.96	32.09 0.00 -1.24	31.59 0.03 -1.31	34.19 0.00 -1.35	41.42 0.30 -3.12	49.14 0.65 -5.43	44.11 0.56 -3.78	39.91 0.27 -1.61	38.34 0.00 -0.55	37.77 0.15 0.00	35.15 0.14 0.00
TALLMAN__138KV_BK151 55660	35.10 1.41 0.00	31.33 1.23 0.00	30.02 1.18 0.00	29.94 1.15 0.00	30.05 1.21 0.00	35.76 1.34 0.00	49.10 2.81 -0.19	63.01 3.28 0.00	53.85 2.81 0.00	45.15 2.35 0.00	43.55 2.55 -2.92	41.62 2.43 -1.23	38.75 2.39 0.37	38.80 2.22 -3.42	37.66 2.07 -4.74	37.58 1.97 -5.36	40.59 2.17 -5.57	53.56 2.66 -12.91	68.85 3.32 -22.47	58.45 3.02 -15.66	47.38 2.66 -6.68	42.53 2.46 -2.28	40.07 2.45 0.00	37.04 2.03 0.00
TEALLAVE_115KV_TB7 355573	33.82 0.13 0.00	30.28 0.18 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.04 0.20 0.00	34.59 0.17 0.00	46.09 -0.05 -0.04	59.42 -0.30 0.00	50.63 -0.41 0.00	42.58 -0.21 0.00	38.73 0.00 -0.65	38.12 -0.11 -0.28	36.64 -0.22 -0.13	33.84 -0.20 -0.88	31.80 -0.19 -1.13	31.30 -0.15 -1.20	33.85 -0.23 -1.23	40.85 0.00 -2.86	48.29 0.26 -4.97	43.43 0.20 -3.46	39.47 -0.04 -1.48	37.99 -0.30 -0.50	37.47 -0.15 0.00	34.90 -0.11 0.00
TELEGRAPH_34_KV_EAST 80808	33.55 -0.13 0.00	30.25 0.15 0.00	29.03 0.20 0.00	28.88 0.09 0.00	29.01 0.17 0.00	34.63 0.21 0.00	45.32 -0.83 -0.05	57.93 -1.79 0.00	48.80 -2.25 0.00	41.81 -0.98 0.00	38.44 -0.46 -0.82	37.66 -0.65 -0.35	35.91 -0.99 -0.17	33.44 -0.83 -1.11	31.42 -0.86 -1.42	30.88 -0.88 -1.51	33.58 -0.82 -1.55	40.91 -0.68 -3.60	49.42 0.09 -6.27	44.13 0.00 -4.36	39.02 -0.87 -1.86	36.84 -1.59 -0.64	37.13 -0.49 0.00	34.59 -0.42 0.00
TEMPLE___115KV_TB 2 55572	33.85 0.17 0.00	30.31 0.21 0.00	29.03 0.20 0.00	28.99 0.20 0.00	29.07 0.23 0.00	34.63 0.21 0.00	46.14 0.00 -0.04	59.48 -0.24 0.00	50.68 -0.36 0.00	42.67 -0.13 0.00	38.77 0.04 -0.66	38.20 -0.04 -0.28	36.68 -0.18 -0.13	33.88 -0.17 -0.89	31.84 -0.15 -1.14	31.34 -0.12 -1.21	33.89 -0.20 -1.24	40.91 0.04 -2.88	48.42 0.34 -5.01	43.54 0.28 -3.49	39.52 0.00 -1.49	38.04 -0.26 -0.51	37.51 -0.11 0.00	34.94 -0.07 0.00

TIANA___69_KV_BK 1 55817	37.32 3.64 0.00	32.93 2.83 0.00	31.17 2.34 0.00	31.18 2.39 0.00	31.35 2.51 0.00	37.41 2.99 0.00	54.15 7.84 -0.22	67.66 7.94 0.00	57.47 6.43 0.00	49.00 6.21 0.00	47.33 6.05 -3.21	45.12 5.81 -1.35	43.76 5.66 -1.37	43.22 5.34 -4.73	42.88 5.25 -6.78	44.61 5.45 -8.91	49.06 5.88 -10.34	65.15 6.76 -20.39	82.07 7.92 -31.08	69.64 7.12 -22.76	53.13 6.50 -8.59	48.06 6.42 -3.84	45.07 6.32 -1.13	39.94 4.94 0.00
TILDEN___115KV_TB1 80814	34.02 0.34 0.00	30.43 0.33 0.00	29.18 0.35 0.00	29.11 0.32 0.00	29.18 0.35 0.00	34.80 0.38 0.00	46.42 0.28 -0.05	59.90 0.18 0.00	51.04 0.00 0.00	42.92 0.13 0.00	39.05 0.27 -0.71	38.41 0.15 -0.30	36.87 0.00 -0.15	34.12 0.00 -0.96	32.09 0.00 -1.24	31.59 0.03 -1.31	34.19 0.00 -1.35	41.42 0.30 -3.12	49.14 0.65 -5.43	44.11 0.56 -3.78	39.91 0.27 -1.61	38.34 0.00 -0.55	37.77 0.15 0.00	35.15 0.14 0.00
TRIGEN___CC 323695	35.97 2.29 0.00	32.02 1.93 0.00	30.53 1.70 0.00	30.46 1.67 0.00	30.60 1.76 0.00	36.52 2.10 0.00	50.27 3.96 -0.21	64.50 4.78 0.00	55.18 4.13 0.00	46.52 3.72 0.00	44.97 3.69 -3.20	42.92 3.61 -1.35	41.70 3.60 -1.37	41.23 3.35 -4.73	40.78 3.15 -6.78	42.18 3.03 -8.90	46.43 3.25 -10.33	62.17 3.80 -20.38	78.70 4.56 -31.08	66.69 4.18 -22.75	50.34 3.73 -8.58	45.29 3.67 -3.84	42.40 3.65 -1.13	38.12 3.12 0.00
TRINITY___115KV___4 BK 55933	34.19 0.51 0.00	30.55 0.45 0.00	29.24 0.40 0.00	29.19 0.40 0.00	29.21 0.37 0.00	34.87 0.45 0.00	47.92 1.57 -0.26	61.21 1.49 0.00	52.47 1.43 0.00	44.12 1.33 0.00	43.39 1.26 -4.06	40.89 1.21 -1.72	38.87 1.14 -1.00	39.74 0.99 -5.60	38.89 0.93 -7.10	38.64 0.94 -7.45	41.34 0.99 -7.51	56.61 1.22 -17.40	74.73 1.38 -30.29	62.14 1.27 -21.10	48.22 1.18 -9.01	42.00 1.13 -3.07	38.68 1.05 0.00	35.92 0.91 0.00
UNION___PROCESSING_DRP 323587	33.62 -0.07 0.00	30.19 0.09 0.00	28.92 0.09 0.00	28.85 0.06 0.00	28.92 0.09 0.00	34.52 0.10 0.00	45.78 -0.37 -0.05	58.88 -0.84 0.00	49.87 -1.17 0.00	42.41 -0.39 0.00	39.03 0.19 -0.76	38.32 0.04 -0.32	36.63 -0.26 -0.16	33.98 -0.20 -1.03	31.93 -0.25 -1.32	31.35 -0.30 -1.40	34.06 -0.23 -1.44	41.41 0.08 -3.33	49.52 0.65 -5.81	44.37 0.56 -4.04	39.61 -0.15 -1.73	37.74 -0.64 -0.59	37.43 -0.19 0.00	34.80 -0.21 0.00
UPPER HUDSON___HYD 24058	34.49 0.81 0.00	30.82 0.72 0.00	29.47 0.63 0.00	29.45 0.66 0.00	29.47 0.63 0.00	35.24 0.82 0.00	48.58 2.21 -0.27	62.53 2.81 0.00	53.54 2.50 0.00	45.02 2.22 0.00	44.27 1.98 -4.22	41.48 1.75 -1.77	39.36 1.61 -1.02	40.24 1.33 -5.76	39.23 1.05 -7.32	39.06 1.12 -7.69	41.89 1.25 -7.80	57.77 1.71 -18.06	76.57 2.07 -31.44	63.54 1.87 -21.90	49.10 1.71 -9.35	42.76 1.78 -3.19	39.20 1.58 0.00	36.34 1.33 0.00
UPPER RAQUET___HYD 24056	33.52 -0.17 0.00	29.86 -0.24 0.00	28.60 -0.23 0.00	28.47 -0.32 0.00	28.32 -0.52 0.00	33.80 -0.62 0.00	45.09 -1.01 -0.01	59.06 -0.66 0.00	51.09 0.05 0.00	42.92 0.13 0.00	37.91 -0.26 -0.10	37.47 -0.53 -0.04	35.80 -0.96 -0.02	32.20 -1.09 -0.14	30.02 -1.02 -0.18	29.48 -0.97 -0.19	32.02 -1.02 -0.20	37.39 -1.06 -0.46	42.35 -1.51 -0.79	39.01 -1.31 -0.55	37.40 -0.87 -0.24	37.27 -0.61 -0.08	37.13 -0.49 0.00	34.69 -0.32 0.00
VALLEY44_115KV_TB2 355964	34.05 0.37 0.00	30.73 0.63 0.00	29.55 0.72 0.00	29.45 0.66 0.00	29.56 0.72 0.00	35.31 0.89 0.00	46.02 -0.14 -0.06	59.78 0.06 0.00	49.92 -1.12 0.00	42.50 -0.30 0.00	38.01 -0.99 -0.93	37.13 -1.21 -0.39	35.38 -1.54 -0.19	33.14 -1.26 -1.25	31.19 -1.27 -1.60	30.62 -1.33 -1.70	33.31 -1.28 -1.75	41.02 -1.03 -4.05	50.07 -0.04 -7.05	44.64 -0.04 -4.91	39.22 -0.91 -2.10	36.73 -1.78 -0.72	38.04 0.41 0.00	35.57 0.56 0.00
VALLEY___115KV_TB 1-4 80826	34.83 1.15 0.00	31.12 1.02 0.00	29.81 0.98 0.00	29.77 0.98 0.00	29.82 0.98 0.00	35.66 1.24 0.00	47.81 1.71 -0.01	61.45 1.73 0.00	52.52 1.48 0.00	44.04 1.24 0.00	39.29 1.14 -0.08	39.02 1.02 -0.03	37.55 0.81 -0.02	33.92 0.66 -0.10	31.58 0.59 -0.13	30.94 0.54 -0.14	33.61 0.62 -0.14	39.17 0.84 -0.33	44.72 1.08 -0.58	41.21 1.03 -0.41	39.27 1.06 -0.17	38.91 1.06 -0.06	38.71 1.09 0.00	36.02 1.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.97 2.29 0.00	32.11 2.02 0.00	30.79 1.96 0.00	30.78 1.99 0.00	30.80 1.96 0.00	36.83 2.41 0.00	49.89 3.69 -0.10	64.50 4.78 0.00	55.07 4.03 0.00	46.35 3.55 0.00	43.21 3.54 -1.60	42.01 3.38 -0.67	39.88 2.83 -0.33	37.83 2.52 -2.16	36.03 2.41 -2.77	35.51 2.33 -2.93	38.39 2.53 -3.02	48.22 3.23 -6.99	59.28 4.05 -12.17	51.91 3.66 -8.48	45.11 3.46 -3.62	42.05 3.02 -1.24	40.63 3.01 0.00	37.67 2.66 0.00
VISCHER___FERRY HYD 24020	34.93 1.25 0.00	31.21 1.11 0.00	29.87 1.04 0.00	29.80 1.01 0.00	29.85 1.01 0.00	35.66 1.24 0.00	48.94 2.58 -0.27	62.53 2.81 0.00	53.59 2.55 0.00	45.06 2.27 0.00	44.26 2.05 -4.13	41.70 2.01 -1.74	39.61 1.87 -1.01	40.47 1.66 -5.66	39.55 1.51 -7.18	39.30 1.51 -7.54	42.16 1.67 -7.64	57.71 2.01 -17.70	76.21 2.32 -30.82	63.39 2.15 -21.47	49.21 2.01 -9.17	42.81 1.89 -3.13	39.47 1.84 0.00	36.65 1.65 0.00
V_A_10_SYNC_DSASP 323832	33.04 -0.64 0.00	29.74 -0.36 0.00	28.52 -0.32 0.00	28.45 -0.34 0.00	28.52 -0.32 0.00	33.90 -0.52 0.00	44.72 -1.43 -0.05	56.85 -2.87 0.00	47.88 -3.16 0.00	40.48 -2.31 0.00	38.11 -0.76 -0.80	37.43 -0.87 -0.34	35.76 -1.14 -0.17	33.26 -0.99 -1.10	31.27 -0.99 -1.40	30.74 -1.00 -1.49	33.37 -0.98 -1.51	40.54 -0.95 -3.49	48.79 -0.35 -6.07	43.60 -0.40 -4.23	38.77 -1.06 -1.81	36.59 -1.81 -0.62	36.53 -1.09 0.00	34.13 -0.87 0.00
V_CMM_10_SYNC_DSASP 323787	33.14 -0.54 0.00	29.59 -0.51 0.00	28.34 -0.49 0.00	28.33 -0.46 0.00	28.35 -0.49 0.00	33.87 -0.55 0.00	45.13 -0.97 0.00	59.01 -0.71 0.00	50.48 -0.56 0.00	42.33 -0.47 0.00	37.27 -0.80 0.00	37.20 -0.76 0.00	36.10 -0.62 0.00	32.56 -0.60 0.00	30.30 -0.55 0.00	29.71 -0.54 0.00	32.26 -0.59 0.00	37.16 -0.84 0.00	41.81 -1.25 0.00	38.66 -1.11 0.00	37.20 -0.84 0.00	37.23 -0.57 0.00	36.95 -0.68 0.00	34.38 -0.63 0.00
V_CMP_10_SYNC_DSASP 323788	34.36 0.67 0.00	30.49 0.39 0.00	29.18 0.35 0.00	29.25 0.46 0.00	29.38 0.55 0.00	35.21 0.79 0.00	46.24 0.14 0.00	60.26 0.54 0.00	51.30 0.26 0.00	43.35 0.55 0.00	38.49 0.42 0.00	38.26 0.30 0.00	37.13 0.40 0.00	33.48 0.33 0.00	31.13 0.28 0.00	30.56 0.30 0.00	33.24 0.40 0.00	38.49 0.49 0.00	42.68 -0.39 0.00	39.93 0.16 0.00	38.57 0.53 0.00	38.51 0.72 0.00	38.08 0.45 0.00	35.39 0.39 0.00
V_E_10_SYNC_DSASP 323830	37.59 3.91 0.00	33.59 3.49 0.00	32.15 3.31 0.00	32.19 3.40 0.00	32.30 3.46 0.00	38.69 4.27 0.00	52.27 6.08 -0.09	67.73 8.01 0.00	55.43 4.39 0.00	45.79 2.99 0.00	42.39 3.01 -1.31	41.06 2.54 -0.56	38.91 1.91 -0.27	36.60 1.66 -1.79	34.70 1.54 -2.30	34.32 1.63 -2.43	38.49 3.19 -2.46	48.34 4.63 -5.71	59.16 6.16 -9.93	52.30 5.61 -6.92	46.58 5.59 -2.95	43.14 4.34 -1.01	41.99 4.36 0.00	38.86 3.85 0.00

V_F_30_NSYNC___DSASP 323816	35.16 1.48 0.00	31.42 1.32 0.00	30.07 1.24 0.00	30.03 1.24 0.00	30.05 1.21 0.00	35.93 1.51 0.00	49.32 2.95 -0.27	63.24 3.52 0.00	54.15 3.11 0.00	45.54 2.74 0.00	44.76 2.47 -4.21	42.04 2.32 -1.77	39.91 2.17 -1.02	40.79 1.89 -5.75	39.82 1.67 -7.30	39.61 1.69 -7.67	42.49 1.87 -7.78	58.37 2.36 -18.01	77.18 2.76 -31.36	64.16 2.55 -21.85	49.72 2.36 -9.33	43.28 2.31 -3.18	39.80 2.18 0.00	36.93 1.92 0.00
V_F_30_SYNC_DSASP 323786	34.46 0.77 0.00	30.79 0.69 0.00	29.44 0.61 0.00	29.40 0.60 0.00	29.41 0.58 0.00	35.11 0.69 0.00	48.25 1.89 -0.26	61.69 1.97 0.00	52.88 1.84 0.00	44.51 1.71 0.00	43.78 1.60 -4.11	41.21 1.52 -1.74	39.17 1.43 -1.01	40.07 1.26 -5.65	39.18 1.14 -7.18	38.94 1.15 -7.53	41.69 1.25 -7.59	57.10 1.52 -17.59	75.41 1.72 -30.62	62.69 1.59 -21.33	48.66 1.52 -9.11	42.30 1.40 -3.11	38.94 1.32 0.00	36.16 1.16 0.00
V_XM_10_SYNC_DSASP 323789	34.36 0.67 0.00	30.49 0.39 0.00	29.18 0.35 0.00	29.25 0.46 0.00	29.38 0.55 0.00	35.21 0.79 0.00	46.24 0.14 0.00	60.26 0.54 0.00	51.30 0.26 0.00	43.35 0.55 0.00	38.49 0.42 0.00	38.26 0.30 0.00	37.13 0.40 0.00	33.48 0.33 0.00	31.13 0.28 0.00	30.56 0.30 0.00	33.24 0.40 0.00	38.49 0.49 0.00	42.68 -0.39 0.00	39.93 0.16 0.00	38.57 0.53 0.00	38.51 0.72 0.00	38.08 0.45 0.00	35.39 0.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.20 1.52 0.00	31.42 1.32 0.00	30.10 1.27 0.00	30.03 1.24 0.00	30.11 1.27 0.00	35.80 1.38 0.00	49.19 2.90 -0.19	63.18 3.46 0.00	53.95 2.91 0.00	45.24 2.44 0.00	43.63 2.63 -2.93	41.70 2.51 -1.24	38.80 2.46 0.39	38.82 2.25 -3.41	37.73 2.13 -4.74	37.62 2.00 -5.37	40.63 2.20 -5.58	53.70 2.77 -12.93	68.98 3.40 -22.52	58.56 3.10 -15.69	47.47 2.74 -6.70	42.61 2.53 -2.29	40.14 2.52 0.00	37.07 2.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.84 2.16 0.00	31.90 1.81 0.00	30.51 1.67 0.00	30.43 1.64 0.00	30.54 1.70 0.00	36.38 1.96 0.00	49.95 3.64 -0.21	64.08 4.36 0.00	54.92 3.88 0.00	46.18 3.38 0.00	44.78 3.50 -3.20	42.73 3.42 -1.35	41.43 3.34 -1.36	40.96 3.08 -4.73	39.55 2.90 -5.79	38.88 2.75 -5.87	41.94 2.99 -6.11	55.60 3.46 -14.15	71.83 4.13 -24.63	60.71 3.78 -17.16	48.67 3.31 -7.33	43.58 3.29 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
W50THST__13_KV_LOAD 356117	35.97 2.29 0.00	31.99 1.90 0.00	30.62 1.79 0.00	30.52 1.73 0.00	30.65 1.82 0.00	36.52 2.10 0.00	50.13 3.83 -0.21	64.38 4.66 0.00	55.12 4.08 0.00	46.39 3.59 0.00	44.97 3.69 -3.20	42.92 3.61 -1.35	41.62 3.53 -1.36	41.13 3.25 -4.73	39.70 3.05 -5.79	39.03 2.90 -5.87	42.11 3.15 -6.11	55.79 3.65 -14.15	72.05 4.35 -24.63	60.87 3.94 -17.16	48.86 3.50 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.95 2.94 0.00
WADING RIVER_IC_1 23522	36.92 3.23 0.00	32.60 2.50 0.00	30.85 2.02 0.00	30.87 2.07 0.00	30.88 2.05 0.00	39.62 5.20 0.00	53.69 7.37 -0.22	66.64 6.92 0.00	59.00 7.96 0.00	48.57 5.78 0.00	46.76 5.48 -3.21	44.59 5.24 -1.39	43.22 5.10 -1.39	42.84 4.84 -4.85	42.57 4.78 -6.93	44.31 4.99 -9.06	48.55 5.36 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	68.98 6.44 -22.76	52.45 5.82 -8.60	47.46 5.82 -3.85	44.55 5.79 -1.14	39.42 4.41 0.00
WADING RIVER_IC_2 23547	36.92 3.23 0.00	32.60 2.50 0.00	30.85 2.02 0.00	30.87 2.07 0.00	30.88 2.05 0.00	39.62 5.20 0.00	53.69 7.37 -0.22	66.64 6.92 0.00	59.00 7.96 0.00	48.57 5.78 0.00	46.76 5.48 -3.21	44.59 5.24 -1.39	43.22 5.10 -1.39	42.84 4.84 -4.85	42.57 4.78 -6.93	44.31 4.99 -9.06	48.55 5.36 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	68.98 6.44 -22.76	52.45 5.82 -8.60	47.46 5.82 -3.85	44.55 5.79 -1.14	39.42 4.41 0.00
WADING RIVER_IC_3 23601	36.92 3.23 0.00	32.60 2.50 0.00	30.85 2.02 0.00	30.87 2.07 0.00	30.88 2.05 0.00	39.62 5.20 0.00	53.69 7.37 -0.22	66.64 6.92 0.00	59.00 7.96 0.00	48.57 5.78 0.00	46.76 5.48 -3.21	44.59 5.24 -1.39	43.22 5.10 -1.39	42.84 4.84 -4.85	42.57 4.78 -6.93	44.31 4.99 -9.06	48.55 5.36 -10.35	64.54 6.15 -20.39	81.35 7.19 -31.09	68.98 6.44 -22.76	52.45 5.82 -8.60	47.46 5.82 -3.85	44.55 5.79 -1.14	39.42 4.41 0.00
WALDENNY_12_KV_BK2 80841	33.95 0.27 0.00	30.58 0.48 0.00	29.38 0.55 0.00	29.25 0.46 0.00	29.36 0.52 0.00	35.07 0.65 0.00	45.69 -0.46 -0.06	58.47 -1.25 0.00	49.20 -1.84 0.00	42.15 -0.64 0.00	38.53 -0.42 -0.87	37.76 -0.57 -0.37	35.95 -0.95 -0.18	33.60 -0.73 -1.18	31.57 -0.80 -1.51	31.01 -0.85 -1.60	33.74 -0.76 -1.65	41.17 -0.65 -3.82	49.98 0.26 -6.66	44.57 0.16 -4.64	39.25 -0.76 -1.98	36.96 -1.51 -0.68	37.59 -0.04 0.00	35.08 0.07 0.00
WALDEN___HYDRO 24148	35.50 1.82 0.00	31.66 1.56 0.00	30.27 1.44 0.00	30.20 1.41 0.00	30.22 1.38 0.00	36.04 1.62 0.00	49.43 3.14 -0.20	63.49 3.76 0.00	54.31 3.27 0.00	45.49 2.70 0.00	43.79 2.66 -3.05	41.78 2.50 -1.32	39.61 2.42 -0.46	39.51 2.22 -4.14	38.29 2.07 -5.36	37.99 2.00 -5.74	40.86 2.20 -5.82	54.33 2.85 -13.48	70.02 3.49 -23.46	59.26 3.14 -16.35	47.87 2.85 -6.98	42.82 2.64 -2.38	40.26 2.63 0.00	37.21 2.21 0.00
WARRENSBURG___ 23737	34.49 0.81 0.00	30.82 0.72 0.00	29.47 0.63 0.00	29.45 0.66 0.00	29.47 0.63 0.00	35.24 0.82 0.00	48.58 2.21 -0.27	62.53 2.81 0.00	53.54 2.50 0.00	45.02 2.22 0.00	44.27 1.98 -4.22	41.48 1.75 -1.77	39.36 1.61 -1.02	40.24 1.33 -5.76	39.23 1.05 -7.32	39.06 1.12 -7.69	41.89 1.25 -7.80	57.77 1.71 -18.06	76.57 2.07 -31.44	63.54 1.87 -21.90	49.10 1.71 -9.35	42.76 1.78 -3.19	39.20 1.58 0.00	36.34 1.33 0.00
WATERSIDE___6 8 9 23538	35.97 2.29 0.00	32.02 1.93 0.00	30.62 1.79 0.00	30.55 1.76 0.00	30.68 1.85 0.00	36.55 2.13 0.00	49.77 3.46 -0.21	63.78 4.06 0.00	54.72 3.67 0.00	46.13 3.34 0.00	44.82 3.54 -3.20	42.80 3.49 -1.35	41.58 3.49 -1.36	41.09 3.22 -4.73	39.67 3.02 -5.79	39.00 2.87 -5.87	42.07 3.12 -6.11	55.68 3.53 -14.15	71.75 4.05 -24.64	60.55 3.62 -17.16	48.55 3.19 -7.33	43.73 3.44 -2.50	41.05 3.42 0.00	37.98 2.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.52 0.84 0.00	30.85 0.75 0.00	29.55 0.72 0.00	29.51 0.72 0.00	29.56 0.72 0.00	35.35 0.93 0.00	47.39 1.29 -0.01	61.03 1.31 0.00	52.16 1.12 0.00	43.74 0.94 0.00	39.03 0.88 -0.08	38.83 0.84 -0.03	37.44 0.70 -0.02	33.85 0.60 -0.10	31.51 0.52 -0.13	30.91 0.51 -0.14	33.58 0.59 -0.14	39.09 0.76 -0.33	44.64 0.99 -0.58	41.09 0.91 -0.41	39.08 0.87 -0.17	38.72 0.87 -0.06	38.49 0.87 0.00	35.81 0.81 0.00
WATSON___69_KV_BK 1 55734	37.05 3.37 0.00	32.81 2.71 0.00	31.11 2.28 0.00	31.09 2.30 0.00	31.26 2.42 0.00	37.38 2.96 0.00	52.67 6.36 -0.22	66.83 7.11 0.00	56.86 5.82 0.00	48.32 5.52 0.00	46.65 5.37 -3.20	44.51 5.20 -1.35	43.24 5.14 -1.37	42.72 4.84 -4.73	42.32 4.69 -6.78	43.88 4.72 -8.91	48.28 5.09 -10.34	64.27 5.89 -20.39	81.08 6.93 -31.08	68.85 6.32 -22.76	52.37 5.74 -8.59	47.27 5.63 -3.84	44.36 5.61 -1.13	39.59 4.59 0.00

WDELAWARE___HYD 323627	35.40 1.72 0.00	31.57 1.47 0.00	30.19 1.36 0.00	30.12 1.33 0.00	30.10 1.27 0.00	35.87 1.45 0.00	49.14 2.86 -0.18	63.18 3.46 0.00	54.05 3.01 0.00	45.23 2.44 0.00	43.27 2.40 -2.79	41.40 2.24 -1.21	39.44 2.13 -0.58	38.97 1.96 -3.86	37.66 1.85 -4.95	37.27 1.78 -5.23	40.16 2.00 -5.31	52.95 2.66 -12.30	67.74 3.27 -21.41	57.67 2.98 -14.91	47.10 2.70 -6.37	42.42 2.46 -2.17	40.03 2.41 0.00	37.00 1.99 0.00
WEST BABYLON___IC 23714	36.68 3.00 0.00	32.60 2.50 0.00	30.97 2.13 0.00	30.92 2.13 0.00	31.06 2.22 0.00	37.17 2.75 0.00	51.66 5.35 -0.21	65.99 6.27 0.00	56.25 5.21 0.00	47.63 4.84 0.00	45.96 4.68 -3.20	43.90 4.59 -1.35	42.65 4.55 -1.37	42.16 4.28 -4.73	41.74 4.10 -6.78	43.18 4.02 -8.91	47.55 4.37 -10.33	63.47 5.09 -20.38	80.17 6.03 -31.08	68.05 5.53 -22.75	51.64 5.02 -8.59	46.51 4.88 -3.84	43.60 4.85 -1.13	39.10 4.10 0.00
WEST CANADA___HYD 24049	33.89 0.20 0.00	30.28 0.18 0.00	29.01 0.17 0.00	28.96 0.17 0.00	29.01 0.17 0.00	34.66 0.24 0.00	46.47 0.37 -0.01	60.08 0.36 0.00	51.40 0.36 0.00	43.05 0.26 0.00	38.45 0.30 -0.08	38.29 0.30 -0.03	36.97 0.22 -0.02	33.46 0.20 -0.11	31.18 0.19 -0.13	30.58 0.18 -0.14	33.19 0.20 -0.14	38.60 0.27 -0.33	43.99 0.34 -0.58	40.49 0.32 -0.41	38.55 0.34 -0.17	38.12 0.27 -0.06	37.89 0.27 0.00	35.25 0.25 0.00
WESTERN_NY_WIND 24143	33.95 0.27 0.00	30.61 0.51 0.00	29.35 0.52 0.00	29.19 0.40 0.00	29.33 0.49 0.00	35.00 0.59 0.00	46.06 -0.09 -0.05	59.18 -0.54 0.00	49.82 -1.22 0.00	42.54 -0.26 0.00	39.04 0.15 -0.81	38.26 -0.04 -0.34	36.45 -0.44 -0.17	33.92 -0.33 -1.10	31.87 -0.40 -1.41	31.32 -0.42 -1.49	34.06 -0.33 -1.54	41.56 0.00 -3.57	50.14 0.86 -6.21	44.85 0.76 -4.33	39.69 -0.19 -1.85	37.52 -0.91 -0.63	37.70 0.08 0.00	35.04 0.04 0.00
WESTOVER___LESR 323668	34.56 0.88 0.00	30.97 0.87 0.00	29.70 0.86 0.00	29.63 0.83 0.00	29.70 0.87 0.00	35.42 1.00 0.00	47.57 1.38 -0.09	61.39 1.67 0.00	52.11 1.07 0.00	43.87 1.07 0.00	40.55 1.10 -1.37	39.45 0.91 -0.58	37.71 0.70 -0.28	35.64 0.63 -1.86	33.79 0.56 -2.38	33.32 0.54 -2.52	36.10 0.66 -2.59	45.11 1.10 -6.01	55.25 1.72 -10.46	48.61 1.55 -7.29	42.29 1.14 -3.11	39.65 0.79 -1.06	38.75 1.13 0.00	35.99 0.98 0.00
WETHRSFD_WT_PWR 323626	34.02 0.34 0.00	30.61 0.51 0.00	29.38 0.55 0.00	29.31 0.52 0.00	29.36 0.52 0.00	34.94 0.52 0.00	46.02 -0.14 -0.06	58.94 -0.78 0.00	49.51 -1.53 0.00	41.08 -1.71 0.00	38.64 -0.38 -0.95	37.72 -0.65 -0.41	35.97 -0.96 -0.20	33.69 -0.76 -1.30	31.69 -0.83 -1.67	31.17 -0.85 -1.76	33.88 -0.75 -1.79	41.68 -0.45 -4.14	50.75 0.47 -7.21	45.19 0.40 -5.02	39.87 -0.31 -2.14	37.35 -1.17 -0.73	37.66 0.04 0.00	35.22 0.21 0.00
WHAVSTOR_138KV_BK127 55557	35.03 1.35 0.00	31.27 1.17 0.00	29.96 1.12 0.00	29.89 1.09 0.00	29.99 1.15 0.00	35.66 1.24 0.00	49.01 2.72 -0.19	62.89 3.17 0.00	53.69 2.65 0.00	45.06 2.27 0.00	43.44 2.44 -2.93	41.55 2.35 -1.24	38.61 2.28 0.40	38.69 2.12 -3.41	37.60 2.01 -4.74	37.50 1.88 -5.37	40.50 2.07 -5.58	53.48 2.55 -12.94	68.78 3.19 -22.53	58.37 2.90 -15.69	47.28 2.55 -6.70	42.46 2.38 -2.29	39.96 2.33 0.00	36.93 1.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.03 1.35 0.00	31.27 1.17 0.00	29.96 1.12 0.00	29.89 1.09 0.00	29.99 1.15 0.00	35.66 1.24 0.00	49.01 2.72 -0.19	62.89 3.17 0.00	53.69 2.65 0.00	45.06 2.27 0.00	43.44 2.44 -2.93	41.55 2.35 -1.24	38.61 2.28 0.40	38.69 2.12 -3.41	37.60 2.01 -4.74	37.50 1.88 -5.37	40.50 2.07 -5.58	53.48 2.55 -12.94	68.78 3.19 -22.53	58.37 2.90 -15.69	47.28 2.55 -6.70	42.46 2.38 -2.29	39.96 2.33 0.00	36.93 1.93 0.00
WHITEHAL_115KV_TB1 80871	35.47 1.79 0.00	31.66 1.57 0.00	30.30 1.47 0.00	30.26 1.47 0.00	30.28 1.44 0.00	36.24 1.82 0.00	50.15 3.78 -0.27	64.74 5.02 0.00	55.38 4.34 0.00	46.56 3.77 0.00	45.60 3.31 -4.21	42.66 2.92 -1.78	40.51 2.75 -1.02	41.23 2.29 -5.79	40.13 1.91 -7.36	39.98 2.00 -7.73	42.83 2.20 -7.79	59.00 2.96 -18.04	78.08 3.62 -31.40	64.87 3.22 -21.88	50.49 3.12 -9.34	43.96 2.99 -3.19	40.37 2.75 0.00	37.35 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	35.91 2.22 0.00	31.99 1.90 0.00	30.59 1.76 0.00	30.52 1.73 0.00	30.65 1.82 0.00	36.62 2.20 0.00	50.41 4.10 -0.21	64.32 4.60 0.00	55.07 4.03 0.00	46.35 3.55 0.00	44.81 3.54 -3.20	42.76 3.45 -1.35	41.53 3.38 -1.42	41.02 3.12 -4.76	39.56 2.90 -5.81	38.90 2.78 -5.87	41.97 3.02 -6.10	55.66 3.53 -14.13	71.88 4.22 -24.60	60.81 3.90 -17.14	48.81 3.46 -7.32	43.61 3.33 -2.50	40.90 3.27 0.00	37.81 2.80 0.00
WM_FLOYD_69_KV_BK2 356380	37.12 3.44 0.00	32.75 2.65 0.00	31.02 2.19 0.00	31.01 2.22 0.00	31.17 2.34 0.00	37.24 2.82 0.00	53.69 7.38 -0.22	67.13 7.41 0.00	57.01 5.97 0.00	48.62 5.82 0.00	46.99 5.71 -3.21	44.78 5.47 -1.35	43.42 5.33 -1.37	42.96 5.07 -4.73	42.63 5.00 -6.78	44.33 5.17 -8.91	48.74 5.55 -10.34	64.73 6.35 -20.39	81.60 7.45 -31.08	69.21 6.68 -22.76	52.71 6.09 -8.59	47.68 6.05 -3.84	44.77 6.02 -1.13	39.66 4.66 0.00
WOODARD___115KV_TB2 355635	33.75 0.07 0.00	30.22 0.12 0.00	28.95 0.12 0.00	28.91 0.12 0.00	28.98 0.14 0.00	34.52 0.10 0.00	46.00 -0.14 -0.04	59.36 -0.36 0.00	50.58 -0.46 0.00	42.54 -0.26 0.00	38.65 -0.08 -0.66	38.08 -0.15 -0.28	36.61 -0.26 -0.13	33.78 -0.27 -0.89	31.75 -0.25 -1.14	31.25 -0.21 -1.20	33.82 -0.26 -1.24	40.80 -0.08 -2.87	48.28 0.22 -5.01	43.42 0.16 -3.49	39.41 -0.11 -1.49	37.96 -0.34 -0.51	37.43 -0.19 0.00	34.87 -0.14 0.00
YORK___WARBASSE 23770	36.21 2.53 0.00	32.21 2.11 0.00	30.79 1.96 0.00	30.69 1.90 0.00	30.83 1.99 0.00	36.73 2.31 0.00	49.81 3.50 -0.21	63.90 4.18 0.00	54.82 3.78 0.00	46.18 3.38 0.00	44.97 3.69 -3.20	42.96 3.64 -1.35	41.76 3.67 -1.36	41.26 3.38 -4.73	39.86 3.21 -5.79	39.18 3.06 -5.87	42.24 3.28 -6.11	55.79 3.65 -14.15	71.92 4.22 -24.64	60.71 3.78 -17.16	48.67 3.31 -7.33	43.92 3.63 -2.50	41.27 3.65 0.00	38.19 3.19 0.00