

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/09/2023

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	58.82	31.53	23.07	22.37	26.21	24.11	24.72	22.78	26.91	33.92	35.29	50.29	36.88	71.06	73.06	66.65	62.89	48.21	65.97	64.81	40.40	37.40	38.00	36.46
24138	1.12	1.16	1.51	1.57	1.82	1.72	1.79	1.73	2.00	2.32	2.99	3.14	3.21	2.29	2.70	3.02	2.92	2.51	2.06	2.74	2.70	2.31	2.53	2.41
	-44.51	-15.74	-1.26	-0.01	0.00	0.00	0.00	0.00	-1.12	-6.12	-0.27	-13.82	0.00	-47.31	-40.77	-28.62	-24.41	-13.53	-34.49	-23.00	-2.46	-2.40	-0.70	-0.65
74TH STREET_GT_1	58.83	31.56	23.11	22.42	26.27	24.17	24.78	22.83	26.95	33.96	35.37	50.36	37.01	71.11	73.21	66.84	63.10	48.38	66.09	64.99	40.57	37.61	38.26	36.71
24260	1.16	1.20	1.55	1.61	1.88	1.77	1.85	1.78	2.05	2.37	3.07	3.23	3.34	2.36	2.89	3.23	3.15	2.69	2.20	2.94	2.86	2.53	2.79	2.66
	-44.47	-15.73	-1.26	-0.01	0.00	0.00	0.00	0.00	-1.12	-6.12	-0.27	-13.81	0.00	-47.29	-40.74	-28.60	-24.40	-13.52	-34.47	-22.99	-2.46	-2.40	-0.70	-0.65
74TH STREET_GT_2	58.83	31.56	23.11	22.42	26.27	24.17	24.78	22.83	26.95	33.96	35.37	50.36	37.01	71.11	73.21	66.84	63.10	48.38	66.09	64.99	40.57	37.61	38.26	36.71
24261	1.16	1.20	1.55	1.61	1.88	1.77	1.85	1.78	2.05	2.37	3.07	3.23	3.34	2.36	2.89	3.23	3.15	2.69	2.20	2.94	2.86	2.53	2.79	2.66
	-44.47	-15.73	-1.26	-0.01	0.00	0.00	0.00	0.00	-1.12	-6.12	-0.27	-13.81	0.00	-47.29	-40.74	-28.60	-24.40	-13.52	-34.47	-22.99	-2.46	-2.40	-0.70	-0.65
ADK HUDSON___FALLS	24.21	19.10	21.75	22.00	25.83	23.77	24.40	22.52	25.72	28.56	34.05	38.55	35.59	35.96	41.05	44.26	43.94	37.72	40.64	48.17	38.41	35.18	36.06	34.35
24011	0.80	0.85	1.16	1.20	1.44	1.37	1.47	1.47	1.67	1.68	1.96	2.05	1.92	1.37	1.58	2.08	2.27	2.02	1.89	2.73	2.59	2.13	2.17	1.76
	-10.22	-3.61	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.41	-0.06	-3.17	0.00	-13.13	-9.89	-7.18	-6.12	-3.53	-9.32	-6.38	-0.57	-0.38	0.88	0.81
ADK RESOURCE___RCVRY	24.25	19.17	21.84	22.08	25.93	23.87	24.54	22.68	25.90	28.71	34.25	38.73	35.76	36.01	41.18	44.51	44.27	37.99	40.91	48.53	38.68	35.36	36.26	34.51
23798	0.86	0.93	1.25	1.29	1.54	1.48	1.61	1.63	1.86	1.84	2.16	2.23	2.09	1.45	1.73	2.34	2.62	2.29	2.18	3.11	2.87	2.30	2.36	1.91
	-10.20	-3.61	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.40	-0.06	-3.17	0.00	-13.10	-9.87	-7.16	-6.11	-3.53	-9.30	-6.36	-0.56	-0.38	0.87	0.80
ADK S GLENS___FALLS	24.21	19.10	21.75	22.00	25.83	23.77	24.40	22.52	25.72	28.56	34.05	38.55	35.59	35.96	41.05	44.26	43.94	37.72	40.64	48.17	38.41	35.18	36.06	34.35
24028	0.80	0.85	1.16	1.20	1.44	1.37	1.47	1.47	1.67	1.68	1.96	2.05	1.92	1.37	1.58	2.08	2.27	2.02	1.89	2.73	2.59	2.13	2.17	1.76
	-10.22	-3.61	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.41	-0.06	-3.17	0.00	-13.13	-9.89	-7.18	-6.12	-3.53	-9.32	-6.38	-0.57	-0.38	0.88	0.81
ADK_NYS___DAM	25.32	19.38	21.64	21.85	25.62	23.61	24.19	22.19	25.31	28.34	33.73	38.52	35.08	37.46	42.01	44.84	44.20	37.65	41.42	48.07	37.39	34.15	34.28	32.97
23527	0.62	0.67	1.01	1.05	1.22	1.21	1.26	1.14	1.23	1.28	1.63	1.62	1.41	0.96	1.28	1.75	1.75	1.46	1.28	1.63	1.50	1.17	1.26	1.18
	-11.51	-4.07	-0.33	0.00	0.00	0.00	0.00	0.00	-0.29	-1.58	-0.07	-3.57	0.00	-15.05	-11.14	-8.08	-6.90	-4.03	-10.72	-7.38	-0.64	-0.30	1.75	1.61
AIR_PRODUCTS___DRP	23.76	18.48	20.84	21.10	24.76	22.77	23.29	21.43	24.43	27.35	32.72	37.22	34.28	35.30	40.27	43.11	42.59	36.42	39.39	46.17	36.44	33.51	34.48	33.11
24190	0.16	0.17	0.24	0.31	0.37	0.38	0.36	0.38	0.38	0.45	0.62	0.66	0.61	0.49	0.62	0.80	0.81	0.66	0.51	0.64	0.61	0.43	0.46	0.39
	-10.41	-3.68	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.43	-0.06	-3.23	0.00	-13.34	-10.06	-7.31	-6.23	-3.59	-9.46	-6.46	-0.57	-0.41	0.75	0.69
AKWESSNE_115KV_BK	13.04	14.47	20.10	20.56	24.05	22.08	22.61	20.74	23.40	25.12	31.55	32.87	33.18	21.15	29.16	34.66	35.18	31.75	29.11	38.72	34.87	32.36	34.35	33.02
355683	-0.15	-0.16	-0.21	-0.24	-0.34	-0.32	-0.32	-0.31	-0.39	-0.35	-0.48	-0.45	-0.49	-0.31	-0.42	-0.35	-0.37	-0.42	-0.31	-0.34	-0.38	-0.31	-0.42	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.76	18.48	20.84	21.10	24.76	22.77	23.29	21.43	24.43	27.35	32.72	37.22	34.28	35.30	40.27	43.11	42.59	36.42	39.39	46.17	36.44	33.51	34.48	33.11
23571	0.16	0.17	0.24	0.31	0.37	0.38	0.36	0.38	0.38	0.45	0.62	0.66	0.61	0.49	0.62	0.80	0.81	0.66	0.51	0.64	0.61	0.43	0.46	0.39
	-10.41	-3.68	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.43	-0.06	-3.23	0.00	-13.34	-10.06	-7.31	-6.23	-3.59	-9.46	-6.46	-0.57	-0.41	0.75	0.69
ALBANY___2	23.76	18.48	20.84	21.10	24.76	22.77	23.29	21.43	24.43	27.35	32.72	37.22	34.28	35.30	40.27	43.11	42.59	36.42	39.39	46.17	36.44	33.51	34.48	33.11
23572	0.16	0.17	0.24	0.31	0.37	0.38	0.36	0.38	0.38	0.45	0.62	0.66	0.61	0.49	0.62	0.80	0.81	0.66	0.51	0.64	0.61	0.43	0.46	0.39
	-10.41	-3.68	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.43	-0.06	-3.23	0.00	-13.34	-10.06	-7.31	-6.23	-3.59	-9.46	-6.46	-0.57	-0.41	0.75	0.69
ALBANY___3	23.76	18.48	20.84	21.10	24.76	22.77	23.29	21.43	24.43	27.35	32.72	37.22	34.28	35.30	40.27	43.11	42.59	36.42	39.39	46.17	36.44	33.51	34.48	33.11
23573	0.16	0.17	0.24	0.31	0.37	0.38	0.36	0.38	0.38	0.45	0.62	0.66	0.61	0.49	0.62	0.80	0.81	0.66	0.51	0.64	0.61	0.43	0.46	0.39
	-10.41	-3.68	-0.29	0.00	0.00	0.00	0.00	0.00	-0.26	-1.43	-0.06	-3.23	0.00	-13.34	-10.06	-7.31	-6.23	-3.59	-9.46	-6.46	-0.57	-0.41	0.75	0.69

ALBANY___4 23574	23.76 0.16 -10.41	18.48 0.17 -3.68	20.84 0.24 -0.29	21.10 0.31 0.00	24.76 0.37 0.00	22.77 0.38 0.00	23.29 0.36 0.00	21.43 0.38 0.00	24.43 0.38 -0.26	27.35 0.45 -1.43	32.72 0.62 -0.06	37.22 0.66 -3.23	34.28 0.61 0.00	35.30 0.49 -13.34	40.27 0.62 -10.06	43.11 0.80 -7.31	42.59 0.81 -6.23	36.42 0.66 -3.59	39.39 0.51 -9.46	46.17 0.64 -6.46	36.44 0.61 -0.57	33.51 0.43 -0.41	34.48 0.46 0.75	33.11 0.39 0.69
ALBANY___LFGE 323615	23.94 0.32 -10.43	18.67 0.35 -3.69	21.08 0.48 -0.29	21.34 0.54 0.00	25.03 0.64 0.00	23.02 0.63 0.00	23.55 0.62 0.00	21.66 0.61 0.00	24.70 0.66 -0.26	27.65 0.74 -1.43	33.09 1.00 -0.06	37.63 1.06 -3.24	34.69 1.02 0.00	35.63 0.76 -13.41	40.66 0.99 -10.09	43.56 1.23 -7.32	43.06 1.26 -6.25	36.85 1.08 -3.61	39.83 0.90 -9.51	46.72 1.16 -6.50	36.91 1.08 -0.58	33.92 0.85 -0.40	34.85 0.89 0.81	33.46 0.80 0.74
ALCOA_PA_115KV_PL-6C 55860	13.09 -0.10 0.00	14.54 -0.10 0.00	20.18 -0.12 0.00	20.65 -0.15 0.00	24.15 -0.24 0.00	22.17 -0.23 0.00	22.69 -0.24 0.00	20.82 -0.23 0.00	23.48 -0.30 0.00	25.19 -0.28 0.00	31.62 -0.42 0.00	32.94 -0.39 0.00	33.24 -0.43 0.00	21.21 -0.25 0.00	29.21 -0.37 0.00	34.73 -0.28 0.00	35.26 -0.29 0.00	31.83 -0.34 0.00	29.21 -0.21 0.00	38.86 -0.20 0.00	35.00 -0.25 0.00	32.49 -0.19 0.00	34.49 -0.28 0.00	33.20 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	13.09 -0.10 0.00	14.54 -0.10 0.00	20.18 -0.12 0.00	20.65 -0.15 0.00	24.15 -0.24 0.00	22.17 -0.23 0.00	22.69 -0.24 0.00	20.82 -0.23 0.00	23.48 -0.30 0.00	25.19 -0.28 0.00	31.62 -0.42 0.00	32.94 -0.39 0.00	33.24 -0.43 0.00	21.21 -0.25 0.00	29.21 -0.37 0.00	34.73 -0.28 0.00	35.26 -0.29 0.00	31.83 -0.34 0.00	29.21 -0.21 0.00	38.86 -0.20 0.00	35.00 -0.25 0.00	32.49 -0.19 0.00	34.49 -0.28 0.00	33.20 -0.20 0.00
ALCOA___DSASP 323711	13.09 -0.10 0.00	14.54 -0.09 0.00	20.18 -0.12 0.00	20.65 -0.15 0.00	24.15 -0.24 0.00	22.17 -0.23 0.00	22.69 -0.24 0.00	20.82 -0.23 0.00	23.48 -0.30 0.00	25.19 -0.28 0.00	31.62 -0.42 0.00	32.94 -0.39 0.00	33.24 -0.43 0.00	21.21 -0.25 0.00	29.21 -0.37 0.00	34.73 -0.28 0.00	35.26 -0.29 0.00	31.83 -0.34 0.00	29.22 -0.21 0.00	38.86 -0.20 0.00	35.00 -0.25 0.00	32.49 -0.18 0.00	34.49 -0.28 0.00	33.20 -0.20 0.00
ALLEGHENY___COGEN 23514	13.82 0.62 0.00	15.44 0.80 0.00	21.46 1.16 0.00	21.95 1.15 0.00	25.89 1.50 0.00	23.68 1.29 0.00	24.40 1.47 0.00	22.23 1.18 0.00	25.15 1.36 0.00	26.45 0.98 0.00	33.15 1.12 0.00	34.42 1.09 0.00	34.78 1.11 0.00	21.76 0.30 0.00	30.10 0.52 0.00	35.29 0.28 0.00	36.29 0.74 0.00	33.21 1.04 0.00	30.68 1.26 0.00	40.88 1.82 0.00	36.99 1.74 0.00	34.51 1.83 0.00	36.84 2.07 0.00	35.43 2.03 0.00
ALTAMONT_115KV_TB 2 55880	23.68 0.37 -10.11	18.61 0.40 -3.58	21.15 0.56 -0.29	21.42 0.62 0.00	25.13 0.74 0.00	23.10 0.71 0.00	23.62 0.69 0.00	21.72 0.67 0.00	24.77 0.73 -0.25	27.68 0.82 -1.39	33.14 1.05 -0.06	37.56 1.09 -3.14	34.72 1.05 0.00	35.07 0.78 -12.83	40.36 1.00 -9.78	43.31 1.20 -7.10	42.82 1.21 -6.06	36.69 1.05 -3.47	39.41 0.88 -9.11	46.43 1.16 -6.21	36.90 1.09 -0.56	34.01 0.90 -0.43	35.22 0.98 0.53	33.81 0.90 0.49
ALTONA_WT_PWR 323606	13.27 0.07 0.00	14.77 0.14 0.00	20.43 0.13 0.00	20.96 0.17 0.00	24.75 0.35 0.00	22.73 0.33 0.00	23.21 0.28 0.00	21.37 0.32 0.00	24.14 0.35 0.00	25.88 0.41 0.00	32.59 0.56 0.00	33.95 0.62 0.00	34.28 0.61 0.00	21.85 0.39 0.00	30.22 0.63 0.00	36.04 1.04 0.00	36.73 1.18 0.00	33.20 1.03 0.00	30.30 0.87 0.00	40.29 1.23 0.00	36.21 0.96 0.00	33.46 0.78 0.00	35.49 0.72 0.00	34.19 0.78 0.00
AMERICAN_REF_FUEL 24010	13.16 -0.03 0.00	14.49 -0.15 0.00	20.22 -0.08 0.00	20.74 -0.06 0.00	24.59 0.20 0.00	22.39 0.00 0.00	23.08 0.15 0.00	20.77 -0.28 0.00	23.51 -0.28 0.00	24.40 -1.07 0.00	30.63 -1.40 0.00	31.76 -1.57 0.00	31.84 -1.83 0.00	19.85 -1.61 0.00	27.72 -1.87 0.00	32.23 -2.78 0.00	33.06 -2.49 0.00	30.45 -1.72 0.00	27.92 -1.51 0.00	36.98 -2.08 0.00	33.52 -1.74 0.00	31.48 -1.20 0.00	33.93 -0.84 0.00	32.95 -0.45 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.68 0.49 0.00	15.11 0.48 0.00	21.01 0.71 0.00	21.52 0.72 0.00	25.42 1.03 0.00	23.18 0.78 0.00	23.91 0.98 0.00	21.64 0.59 0.00	24.55 0.76 0.00	25.67 0.20 0.00	32.22 0.20 0.00	33.37 0.05 0.00	33.51 -0.16 0.00	20.92 -0.54 0.00	29.35 -0.23 0.00	34.23 -0.78 0.00	35.12 -0.43 0.00	32.23 0.07 0.00	29.51 0.08 0.00	39.16 0.10 0.00	35.26 0.01 0.00	33.20 0.52 0.00	35.59 0.82 0.00	34.36 0.95 0.00
ARTHUR_KILL_GT_1 23520	26.89 0.98 -12.72	26.71 1.00 -11.07	22.88 1.32 -1.26	22.18 1.37 -0.01	26.04 1.64 0.00	23.96 1.56 0.00	24.57 1.64 0.00	22.63 1.58 0.00	26.76 1.86 -1.12	33.77 2.13 -6.16	36.95 2.73 -2.19	404.14 2.86 -367.96	79.44 3.02 -42.76	106.26 2.25 -82.55	72.89 2.57 -40.74	66.61 3.00 -28.60	62.88 2.93 -24.40	48.09 2.40 -13.52	65.84 1.95 -34.47	67.80 2.57 -26.17	46.26 2.52 -8.48	47.29 2.25 -12.37	38.28 2.56 -0.94	36.65 2.47 -0.78
ARTHUR_KILL_2 23512	26.84 0.93 -12.72	26.66 0.95 -11.07	22.80 1.24 -1.26	22.09 1.29 -0.01	25.94 1.55 0.00	23.88 1.48 0.00	24.48 1.55 0.00	22.56 1.51 0.00	26.67 1.76 -1.12	33.67 2.03 -6.16	36.82 2.59 -2.19	404.00 2.73 -367.96	79.29 2.86 -42.76	106.15 2.14 -82.55	72.77 2.45 -40.74	66.46 2.85 -28.60	62.73 2.78 -24.40	47.95 2.26 -13.52	65.72 1.83 -34.47	67.63 2.40 -26.17	46.11 2.38 -8.48	47.16 2.12 -12.37	38.14 2.42 -0.94	36.53 2.35 -0.78
ARTHUR_KILL_3 23513	26.91 0.98 -12.73	26.69 0.99 -11.07	22.82 1.26 -1.26	22.12 1.32 -0.01	25.91 1.52 0.00	23.84 1.45 0.00	24.43 1.51 0.00	22.51 1.46 0.00	26.58 1.67 -1.12	33.41 1.97 -5.98	36.79 2.57 -2.19	299.56 2.67 -263.57	58.57 2.78 -22.12	69.32 2.02 -45.84	72.72 2.39 -40.75	66.31 2.69 -28.61	62.54 2.59 -24.40	47.86 2.17 -13.52	65.63 1.73 -34.47	66.80 2.33 -25.41	44.51 2.31 -6.95	39.92 2.03 -5.21	37.87 2.25 -0.85	36.27 2.15 -0.71
ARTHUR_KILL_COGEN 323718	26.89 0.98 -12.72	26.71 1.00 -11.07	22.88 1.32 -1.26	22.18 1.37 -0.01	26.04 1.64 0.00	23.96 1.56 0.00	24.57 1.64 0.00	22.63 1.58 0.00	26.76 1.86 -1.12	33.77 2.13 -6.16	36.95 2.73 -2.19	404.14 2.86 -367.96	79.44 3.02 -42.76	106.26 2.25 -82.55	72.89 2.57 -40.74	66.61 3.00 -28.60	62.88 2.93 -24.40	48.09 2.40 -13.52	65.84 1.95 -34.47	67.80 2.57 -26.17	46.26 2.52 -8.48	47.29 2.25 -12.37	38.28 2.56 -0.94	36.65 2.47 -0.78
ASHOKAN____ 23654	13.75 0.56 0.00	15.21 0.58 0.00	21.07 0.77 0.00	21.66 0.86 0.00	25.42 1.02 0.00	23.38 0.99 0.00	23.93 1.00 0.00	22.04 0.99 0.00	24.89 1.10 0.00	26.74 1.27 0.00	33.58 1.55 0.00	34.94 1.61 0.00	35.30 1.63 0.00	28.69 1.44 -5.79	31.75 1.86 -0.31	37.16 2.15 0.00	37.61 2.06 0.00	34.55 1.87 -0.51	33.51 1.69 -2.40	43.56 2.34 -2.17	37.39 2.14 0.00	34.49 1.82 0.00	36.87 2.09 0.00	35.24 1.84 0.00

ASTORIA_EAST_ENERGY_CC1 323581	58.70 1.04 -44.47	31.40 1.04 -15.73	22.88 1.32 -1.26	22.17 1.37 -0.01	25.98 1.59 0.00	23.91 1.51 0.00	24.51 1.58 0.00	22.58 1.53 0.00	26.66 1.75 -1.12	33.61 2.02 -6.12	35.04 2.74 -0.27	49.97 2.83 -13.81	36.64 2.97 0.00	70.95 2.20 -47.29	72.85 2.53 -40.74	66.48 2.87 -28.60	62.74 2.79 -24.40	48.04 2.35 -13.52	65.73 1.84 -34.47	64.60 2.54 -22.99	40.20 2.50 -2.46	37.19 2.11 -2.40	37.83 2.36 -0.70	36.31 2.26 -0.65
ASTORIA_EAST_ENERGY_CC2 323582	58.70 1.04 -44.47	31.40 1.04 -15.73	22.88 1.32 -1.26	22.17 1.37 -0.01	25.98 1.59 0.00	23.91 1.51 0.00	24.51 1.58 0.00	22.58 1.53 0.00	26.66 1.75 -1.12	33.61 2.02 -6.12	35.04 2.74 -0.27	49.97 2.83 -13.81	36.64 2.97 0.00	70.95 2.20 -47.29	72.85 2.53 -40.74	66.48 2.87 -28.60	62.74 2.79 -24.40	48.04 2.35 -13.52	65.73 1.84 -34.47	64.60 2.54 -22.99	40.20 2.50 -2.46	37.19 2.11 -2.40	37.83 2.36 -0.70	36.31 2.26 -0.65
ASTORIA_GT2_1 24094	58.70 1.04 -44.47	31.41 1.05 -15.73	22.88 1.32 -1.26	22.18 1.38 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.60 1.54 0.00	26.67 1.77 -1.12	33.63 2.04 -6.12	35.06 2.76 -0.27	49.99 2.85 -13.81	36.65 2.99 0.00	70.95 2.20 -47.29	72.88 2.55 -40.74	66.50 2.89 -28.60	62.77 2.82 -24.40	48.06 2.37 -13.52	65.76 1.87 -34.47	64.62 2.57 -22.99	40.23 2.52 -2.46	37.21 2.13 -2.40	37.86 2.38 -0.70	36.33 2.28 -0.65
ASTORIA_GT2_2 24095	58.70 1.04 -44.47	31.41 1.05 -15.73	22.88 1.32 -1.26	22.18 1.38 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.60 1.54 0.00	26.67 1.77 -1.12	33.63 2.04 -6.12	35.06 2.76 -0.27	49.99 2.85 -13.81	36.65 2.99 0.00	70.95 2.20 -47.29	72.88 2.55 -40.74	66.50 2.89 -28.60	62.77 2.82 -24.40	48.06 2.37 -13.52	65.76 1.87 -34.47	64.62 2.57 -22.99	40.23 2.52 -2.46	37.21 2.13 -2.40	37.86 2.38 -0.70	36.33 2.28 -0.65
ASTORIA_GT2_3 24096	58.70 1.04 -44.47	31.41 1.05 -15.73	22.88 1.32 -1.26	22.18 1.38 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.60 1.54 0.00	26.67 1.77 -1.12	33.63 2.04 -6.12	35.06 2.76 -0.27	49.99 2.85 -13.81	36.65 2.99 0.00	70.95 2.20 -47.29	72.88 2.55 -40.74	66.50 2.89 -28.60	62.77 2.82 -24.40	48.06 2.37 -13.52	65.76 1.87 -34.47	64.62 2.57 -22.99	40.23 2.52 -2.46	37.21 2.13 -2.40	37.86 2.38 -0.70	36.33 2.28 -0.65
ASTORIA_GT2_4 24097	58.70 1.04 -44.47	31.41 1.05 -15.73	22.88 1.32 -1.26	22.18 1.38 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.60 1.54 0.00	26.67 1.77 -1.12	33.63 2.04 -6.12	35.06 2.76 -0.27	49.99 2.85 -13.81	36.65 2.99 0.00	70.95 2.20 -47.29	72.88 2.55 -40.74	66.50 2.89 -28.60	62.77 2.82 -24.40	48.06 2.37 -13.52	65.76 1.87 -34.47	64.62 2.57 -22.99	40.23 2.52 -2.46	37.21 2.13 -2.40	37.86 2.38 -0.70	36.33 2.28 -0.65
ASTORIA_GT3_1 24098	58.70 1.04 -44.47	31.41 1.05 -15.73	22.88 1.32 -1.26	22.18 1.38 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.60 1.54 0.00	26.67 1.77 -1.12	33.63 2.04 -6.12	35.06 2.76 -0.27	49.99 2.85 -13.81	36.65 2.99 0.00	70.95 2.20 -47.29	72.88 2.55 -40.74	66.50 2.89 -28.60	62.77 2.82 -24.40	48.06 2.37 -13.52	65.76 1.87 -34.47	64.62 2.57 -22.99	40.23 2.52 -2.46	37.21 2.13 -2.40	37.86 2.38 -0.70	36.33 2.28 -0.65
ASTORIA_GT3_2 24099	58.70 1.04 																							

ASTORIA_GT_10 24110	58.70 1.03 -44.47	31.41 1.05 -15.73	22.92 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.55 0.00	26.69 1.79 -1.12	33.67 2.08 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.17 -47.29	72.81 2.49 -40.74	66.38 2.77 -28.60	62.65 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.53 2.47 -22.99	40.21 2.51 -2.46	37.32 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
ASTORIA_GT_11 24225	58.70 1.03 -44.47	31.41 1.05 -15.73	22.92 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.55 0.00	26.69 1.79 -1.12	33.67 2.08 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.17 -47.29	72.81 2.49 -40.74	66.38 2.77 -28.60	62.65 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.53 2.47 -22.99	40.21 2.51 -2.46	37.32 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
ASTORIA_GT_12 24226	58.70 1.03 -44.47	31.41 1.05 -15.73	22.92 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.55 0.00	26.69 1.79 -1.12	33.67 2.08 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.17 -47.29	72.81 2.49 -40.74	66.38 2.77 -28.60	62.65 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.53 2.47 -22.99	40.21 2.51 -2.46	37.32 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
ASTORIA_GT_13 24227	58.70 1.03 -44.47	31.41 1.05 -15.73	22.92 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.55 0.00	26.69 1.79 -1.12	33.67 2.08 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.17 -47.29	72.81 2.49 -40.74	66.38 2.77 -28.60	62.65 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.53 2.47 -22.99	40.21 2.51 -2.46	37.32 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
ASTORIA_GT_5 24106	58.74 1.08 -44.47	31.44 1.08 -15.73	22.94 1.37 -1.26	22.23 1.42 -0.01	26.04 1.65 0.00	23.97 1.57 0.00	24.58 1.65 0.00	22.64 1.59 0.00	26.73 1.82 -1.12	33.68 2.09 -6.12	35.14 2.84 -0.27	50.08 2.94 -13.81	36.75 3.08 0.00	71.02 2.26 -47.29	72.95 2.63 -40.74	66.59 2.98 -28.60	62.85 2.90 -24.40	48.14 2.45 -13.52	65.83 1.94 -34.47	64.72 2.67 -22.99	40.31 2.61 -2.46	37.30 2.22 -2.40	37.94 2.47 -0.70	36.42 2.37 -0.65
ASTORIA_GT_7 24107	58.74 1.08 -44.47	31.44 1.08 -15.73	22.94 1.37 -1.26	22.23 1.42 -0.01	26.04 1.65 0.00	23.97 1.57 0.00	24.58 1.65 0.00	22.64 1.59 0.00	26.73 1.82 -1.12	33.68 2.09 -6.12	35.14 2.84 -0.27	50.08 2.94 -13.81	36.75 3.08 0.00	71.02 2.26 -47.29	72.95 2.63 -40.74	66.59 2.98 -28.60	62.85 2.90 -24.40	48.14 2.45 -13.52	65.83 1.94 -34.47	64.72 2.67 -22.99	40.31 2.61 -2.46	37.30 2.22 -2.40	37.94 2.47 -0.70	36.42 2.37 -0.65
ASTORIA_GT_8 24108	58.74 1.07 -44.47	31.44 1.08 -15.73	22.93 1.37 -1.26	22.23 1.42 -0.01	26.05 1.66 0.00	23.96 1.57 0.00	24.58 1.65 0.00	22.64 1.59 0.00	26.73 1.82 -1.12	33.69 2.10 -6.12	35.14 2.85 -0.27	50.08 2.94 -13.81	36.74 3.08 0.00	71.02 2.27 -47.29	72.96 2.63 -40.74	66.59 2.98 -28.60	62.86 2.91 -24.40	48.14 2.45 -13.52	65.83 1.93 -34.47	64.72 2.67 -22.99	40.31 2.60 -2.46	37.30 2.22 -2.40	37.94 2.47 -0.70	36.41 2.36 -0.65
ASTORIA___2 24149	58.70 1.04 -44.47	31.41 1.05 -15.73	22.88 1.32 -1.26	22.18 1.38 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.59 1.54 0.00	26.67 1.76 -1.12	33.62 2.03 -6.12	35.06 2.76 -0.27	49.99 2.85 -13.81	36.66 2.99 0.00	70.96 2.20 -47.29	72.87 2.54 -40.74	66.50 2.88 -28.60	62.76 2.81 -24.40	48.06 2.37 -13.52	65.76 1.87 -34.47	64.62 2.57 -22.99	40.23 2.52 -2.46	37.21 2.13 -2.40	37.86 2.39 -0.70	36.33 2.28 -0.65
ASTORIA___3 23516	58.70 1.03 -44.47	31.41 1.05 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.69 1.79 -1.12	33.66 2.07 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.18 -47.29	72.80 2.48 -40.74	66.37 2.76 -28.60	62.64 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.52 2.46 -22.99	40.21 2.51 -2.46	37.31 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
ASTORIA___4 23517	58.70 1.03 -44.47	31.41 1.05 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.55 0.00	26.69 1.79 -1.12	33.67 2.08 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.17 -47.29	72.81 2.49 -40.74	66.38 2.77 -28.60	62.65 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.53 2.47 -22.99	40.21 2.50 -2.46	37.32 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
ASTORIA___5 23518	58.70 1.03 -44.47	31.41 1.05 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.69 1.79 -1.12	33.66 2.07 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.93 2.18 -47.29	72.80 2.48 -40.74	66.37 2.76 -28.60	62.64 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.52 2.46 -22.99	40.21 2.51 -2.46	37.31 2.24 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
AST_ENERGY_2_CC3 323677	58.71 1.03 -44.48	31.41 1.05 -15.73	22.90 1.34 -1.26	22.20 1.40 -0.01	26.01 1.62 0.00	23.93 1.54 0.00	24.53 1.60 0.00	22.60 1.55 0.00	26.68 1.77 -1.12	33.65 2.06 -6.12	34.97 2.67 -0.27	49.93 2.79 -13.81	36.57 2.90 0.00	70.85 2.09 -47.30	72.83 2.50 -40.75	66.42 2.80 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.48	64.53 2.47 -23.00	40.15 2.45 -2.46	37.22 2.14 -2.40	37.85 2.37 -0.70	36.32 2.27 -0.65
AST_ENERGY_2_CC4 323678	58.71 1.03 -44.48	31.41 1.05 -15.73	22.90 1.34 -1.26	22.20 1.40 -0.01	26.01 1.62 0.00	23.93 1.54 0.00	24.53 1.60 0.00	22.60 1.55 0.00	26.68 1.77 -1.12	33.65 2.06 -6.12	34.97 2.67 -0.27	49.93 2.79 -13.81	36.57 2.90 0.00	70.85 2.09 -47.30	72.83 2.50 -40.75	66.42 2.80 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.48	64.53 2.47 -23.00	40.15 2.45 -2.46	37.22 2.14 -2.40	37.85 2.37 -0.70	36.32 2.27 -0.65
ATHENS_STG_1 23668	25.62 0.43 -12.00	19.34 0.47 -4.24	21.29 0.64 -0.34	21.52 0.72 0.00	25.25 0.85 0.00	23.22 0.82 0.00	23.72 0.79 0.00	21.82 0.77 0.00	24.95 0.86 -0.30	28.12 1.00 -1.65	33.42 1.32 -0.07	38.41 1.36 -3.73	35.02 1.35 0.00	36.36 0.98 -13.92	42.38 1.23 -11.56	44.86 1.45 -8.41	44.15 1.43 -7.17	37.34 1.20 -3.98	40.53 0.96 -10.14	47.06 1.23 -6.77	37.12 1.20 -0.66	34.37 1.05 -0.65	36.16 1.18 -0.21	34.72 1.12 -0.20
ATHENS_STG_2 23670	25.62 0.43 -12.00	19.34 0.47 -4.24	21.29 0.64 -0.34	21.52 0.72 0.00	25.25 0.85 0.00	23.22 0.82 0.00	23.72 0.79 0.00	21.82 0.77 0.00	24.95 0.86 -0.30	28.12 1.00 -1.65	33.42 1.32 -0.07	38.41 1.36 -3.73	35.02 1.35 0.00	36.36 0.98 -13.92	42.38 1.23 -11.56	44.86 1.45 -8.41	44.15 1.43 -7.17	37.34 1.20 -3.98	40.53 0.96 -10.14	47.06 1.23 -6.77	37.12 1.20 -0.66	34.37 1.05 -0.65	36.16 1.18 -0.21	34.72 1.12 -0.20

ATHENS_STG_3 23677	25.62 0.43 -12.00	19.34 0.47 -4.24	21.29 0.64 -0.34	21.52 0.72 0.00	25.25 0.85 0.00	23.22 0.82 0.00	23.72 0.79 0.00	21.82 0.77 0.00	24.95 0.86 -0.30	28.12 1.00 -1.65	33.42 1.32 -0.07	38.41 1.36 -3.73	35.02 1.35 0.00	36.36 0.98 -13.92	42.38 1.23 -11.56	44.86 1.45 -8.41	44.15 1.43 -7.17	37.34 1.20 -3.98	40.53 0.96 -10.14	47.06 1.23 -6.77	37.12 1.20 -0.66	34.37 1.05 -0.65	36.16 1.18 -0.21	34.72 1.12 -0.20
AUBURN____LFGE 323710	13.42 0.23 0.00	14.89 0.26 0.00	20.57 0.27 0.00	21.11 0.31 0.00	25.33 0.43 -0.51	23.00 0.31 -0.30	23.33 0.40 0.00	21.41 0.36 0.00	24.26 0.47 0.00	26.27 0.28 -0.52	32.46 0.43 0.00	33.76 0.43 0.00	34.18 0.51 0.00	21.58 0.12 0.00	29.92 0.34 0.00	35.17 0.16 0.00	35.86 0.31 0.00	32.72 0.55 0.00	30.01 0.58 0.00	39.79 0.71 -0.02	35.73 0.48 0.00	33.34 0.61 -0.06	35.67 0.63 -0.27	34.04 0.64 0.00
BABYLON_RES_REC 323704	58.55 1.24 -44.12	31.53 1.30 -15.60	23.23 1.68 -1.25	22.60 1.79 -0.01	26.42 2.03 0.00	24.33 1.93 0.00	24.88 1.95 0.00	22.96 1.91 0.00	27.14 2.24 -1.11	34.28 2.71 -6.10	46.60 3.25 -11.32	60.64 3.11 -24.21	54.72 3.22 -17.83	81.77 2.29 -58.01	84.26 2.66 -52.01	86.16 2.92 -48.23	73.52 2.63 -35.34	56.35 2.31 -21.86	68.89 1.95 -37.52	66.07 2.54 -24.46	40.40 2.71 -2.44	37.61 2.55 -2.39	38.29 2.81 -0.70	36.78 2.73 -0.65
BABYLON__69_KV_BK2 356345	58.76 1.45 -44.12	31.77 1.54 -15.60	23.55 2.00 -1.25	22.91 2.11 -0.01	26.78 2.39 0.00	24.67 2.27 0.00	25.22 2.29 0.00	23.28 2.23 0.00	27.53 2.63 -1.11	34.80 3.16 -6.16	54.97 3.93 -19.01	71.98 3.93 -34.73	71.52 4.00 -33.86	92.12 2.81 -67.85	110.06 3.39 -77.08	130.05 3.86 -91.19	99.43 3.56 -60.31	75.45 3.17 -40.11	76.57 2.64 -44.51	70.34 3.43 -27.85	41.18 3.49 -2.44	38.09 3.03 -2.39	38.81 3.34 -0.70	37.28 3.23 -0.65
BALL_HILL_WT_PWR 323825	13.49 0.29 0.00	14.91 0.28 0.00	20.74 0.44 0.00	21.24 0.45 0.00	25.08 0.69 0.00	22.88 0.49 0.00	23.59 0.66 0.00	21.39 0.33 0.00	24.26 0.47 0.00	25.34 -0.13 0.00	31.82 -0.21 0.00	32.91 -0.42 0.00	33.06 -0.61 0.00	20.63 -0.83 0.00	28.84 -0.74 0.00	33.66 -1.35 0.00	34.53 -1.02 0.00	31.69 -0.48 0.00	29.02 -0.41 0.00	38.50 -0.56 0.00	34.69 -0.56 0.00	32.66 -0.01 0.00	35.05 0.28 0.00	33.88 0.48 0.00
BARON_WINDS____WT_PWR 323822	13.48 0.28 0.00	14.96 0.32 0.00	20.77 0.47 0.00	21.26 0.47 0.00	25.15 0.65 -0.12	22.97 0.51 -0.07	23.54 0.61 0.00	21.48 0.42 0.00	24.33 0.55 0.00	25.83 0.25 -0.12	32.29 0.25 0.00	33.44 0.11 0.00	33.62 -0.04 0.00	21.13 -0.33 0.00	29.42 -0.16 0.00	34.47 -0.54 0.00	35.35 -0.20 0.00	32.29 0.12 0.00	29.55 0.13 0.00	39.26 0.19 0.00	35.31 0.06 0.00	33.10 0.41 -0.01	35.40 0.56 -0.06	34.01 0.61 0.00
BARRETT_IC_1 23704	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_10 23701	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_11 23702	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_12 23703	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_2 23705	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_3 23706	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_4 23707	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_5 23708	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_6 23709	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65

BARRETT_IC_7 23710	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.68 1.79 -1.11	33.73 2.19 -6.07	42.26 2.76 -7.47	55.41 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.38 2.36 -40.43	65.98 2.59 -28.39	62.17 2.40 -24.21	47.73 2.12 -13.44	65.41 1.70 -34.29	64.22 2.26 -22.90	40.07 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.15 -0.65
BARRETT_IC_8 23711	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT_IC_9 23700	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT___1 23545	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BARRETT___2 23546	58.33 1.01 -44.12	31.27 1.04 -15.60	22.87 1.32 -1.25	22.25 1.45 -0.01	26.03 1.64 0.00	23.95 1.56 0.00	24.49 1.55 0.00	22.59 1.54 0.00	26.69 1.79 -1.11	33.72 2.18 -6.07	42.26 2.75 -7.47	55.42 2.74 -19.35	46.99 2.90 -10.42	77.13 2.20 -53.47	72.37 2.36 -40.43	65.98 2.59 -28.39	62.17 2.41 -24.21	47.73 2.12 -13.44	65.41 1.69 -34.29	64.22 2.26 -22.90	40.06 2.38 -2.44	37.08 2.02 -2.39	37.68 2.21 -0.70	36.19 2.14 -0.65
BATAVIA___115KV_TB1 55881	13.63 0.44 0.00	15.02 0.39 0.00	20.94 0.64 0.00	21.48 0.68 0.00	25.41 1.02 0.00	23.20 0.80 0.00	23.92 0.99 0.00	21.63 0.58 0.00	24.52 0.73 0.00	25.56 0.09 0.00	32.07 0.04 0.00	33.35 0.03 0.00	33.59 -0.08 0.00	21.00 -0.46 0.00	29.24 -0.34 0.00	34.09 -0.92 0.00	35.01 -0.54 0.00	32.20 0.03 0.00	29.53 0.10 0.00	39.17 0.11 0.00	35.42 0.17 0.00	33.17 0.49 0.00	35.59 0.82 0.00	34.42 1.02 0.00
BAYONEEC___CTG1 323682	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG10 323750	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG2 323683	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG3 323684	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG4 323685	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG5 323686	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG6 323687	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG7 323688	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BAYONEEC___CTG8 323689	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65

BAYONEEC___CTG9 323749	58.71 1.03 -44.48	31.42 1.06 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.68 2.08 -6.12	34.98 2.69 -0.27	49.95 2.82 -13.81	36.58 2.91 0.00	51.17 2.09 -27.61	72.83 2.50 -40.75	66.43 2.81 -28.61	62.68 2.72 -24.40	47.99 2.30 -13.52	65.75 1.85 -34.47	64.54 2.48 -22.99	40.17 2.46 -2.46	37.23 2.16 -2.40	37.88 2.41 -0.70	36.35 2.30 -0.65
BEACON___LESR 323632	23.95 0.31 -10.45	18.62 0.29 -3.70	21.03 0.44 -0.30	21.27 0.47 0.00	24.98 0.59 0.00	22.94 0.55 0.00	23.48 0.55 0.00	21.65 0.59 0.00	24.64 0.59 -0.26	27.57 0.67 -1.44	33.00 0.91 -0.06	37.61 1.04 -3.25	34.77 1.10 0.00	35.74 0.86 -13.42	40.84 1.15 -10.11	43.82 1.48 -7.34	43.31 1.50 -6.26	37.07 1.29 -3.61	40.09 1.15 -9.51	47.02 1.46 -6.50	37.12 1.30 -0.58	34.17 1.09 -0.41	35.09 1.11 0.79	33.69 1.02 0.72
BEAVER RIVER___HYD 24048	13.25 0.06 0.00	14.75 0.12 0.00	20.49 0.19 0.00	20.97 0.17 0.00	24.87 0.19 -0.28	22.74 0.18 -0.16	23.16 0.22 0.00	21.28 0.23 0.00	24.06 0.27 0.00	25.92 0.16 -0.29	32.04 0.01 0.00	33.15 -0.17 0.00	33.44 -0.23 0.00	21.27 -0.19 0.00	29.35 -0.24 0.00	34.83 -0.18 0.00	35.70 0.15 0.00	32.56 0.39 0.00	29.92 0.50 0.00	39.80 0.73 -0.01	35.79 0.54 0.00	33.18 0.47 -0.03	35.39 0.47 -0.15	33.93 0.53 0.00
BEEBEE_GT_13 23619	13.44 0.24 0.00	14.84 0.20 0.00	20.64 0.33 0.00	21.11 0.32 0.00	24.89 0.50 0.00	22.76 0.36 0.00	23.42 0.49 0.00	21.29 0.24 0.00	24.14 0.35 0.00	25.38 -0.09 0.00	31.92 -0.12 0.00	33.19 -0.14 0.00	33.73 0.06 0.00	21.20 -0.26 0.00	29.41 -0.17 0.00	34.49 -0.52 0.00	35.31 -0.24 0.00	32.30 0.13 0.00	29.57 0.15 0.00	39.26 0.20 0.00	35.48 0.23 0.00	33.12 0.44 0.00	35.44 0.67 0.00	34.18 0.78 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.85 1.18 -44.47	31.58 1.22 -15.73	23.15 1.59 -1.26	22.45 1.64 -0.01	26.32 1.93 0.00	24.21 1.82 0.00	24.83 1.90 0.00	22.88 1.83 0.00	27.03 2.12 -1.12	34.09 2.46 -6.16	38.05 3.24 -2.78	452.04 3.38 -415.33	79.90 3.48 -42.76	106.55 2.55 -82.55	73.22 2.89 -40.74	66.96 3.35 -28.60	63.28 3.33 -24.40	48.49 2.80 -13.52	66.25 2.35 -34.47	68.38 3.14 -26.17	46.93 3.07 -8.61	48.14 2.76 -12.70	38.74 3.02 -0.94	37.09 2.91 -0.78
BETHLEHEM___GRP 23843	23.76 0.16 -10.41	18.48 0.17 -3.68	20.84 0.24 -0.29	21.10 0.31 0.00	24.76 0.37 0.00	22.77 0.38 0.00	23.29 0.36 0.00	21.43 0.38 0.00	24.43 0.38 -0.26	27.35 0.45 -1.43	32.72 0.62 -0.06	37.22 0.66 -3.23	34.28 0.61 0.00	35.30 0.49 -13.34	40.27 0.62 -10.06	43.11 0.80 -7.31	42.59 0.81 -6.23	36.42 0.66 -3.59	39.39 0.51 -9.46	46.17 0.64 -6.46	36.44 0.61 -0.57	33.51 0.43 -0.41	34.48 0.46 0.75	33.11 0.39 0.69
BETHLEHEM___GS1 323560	23.76 0.16 -10.41	18.48 0.17 -3.68	20.84 0.24 -0.29	21.10 0.31 0.00	24.76 0.37 0.00	22.77 0.38 0.00	23.29 0.36 0.00	21.43 0.38 0.00	24.43 0.38 -0.26	27.35 0.45 -1.43	32.71 0.62 -0.06	37.22 0.66 -3.23	34.28 0.61 0.00	35.28 0.48 -13.34	40.27 0.62 -10.06	43.11 0.80 -7.31	42.59 0.81 -6.23	36.42 0.66 -3.59	39.39 0.51 -9.46	46.17 0.64 -6.46	36.44 0.61 -0.57	33.51 0.43 -0.41	34.48 0.46 0.75	33.11 0.40 0.69
BETHLEHEM___GS2 323561	23.76 0.16 -10.41	18.48 0.17 -3.68	20.84 0.24 -0.29	21.10 0.31 0.00	24.76 0.37 0.00	22.77 0.38 0.00	23.29 0.36 0.00	21.43 0.38 0.00	24.43 0.38 -0.26	27.35 0.45 -1.43	32.71 0.62 -0.06	37.22 0.66 -3.23	34.28 0.61 0.00	35.28 0.48 -13.34	40.27 0.62 -10.06	43.11 0.80 -7.31	42.59 0.81 -6.23	36.42 0.66 -3.59	39.39 0.51 -9.46	46.17 0.64 -6.46	36.44 0.61 -0.57	33.51 0.43 -0.41	34.48 0.46 0.75	33.11 0.40 0.69
BETHLEHEM___GS3 323562	23.76 0.16 -10.41	18.48 0.17 -3.68	20.84 0.24 -0.29	21.10 0.31 0.00	24.76 0.37 0.00	22.77 0.38 0.00	23.29 0.36 0.00	21.43 0.38 0.00	24.43 0.38 -0.26	27.35 0.45 -1.43	32.71 0.62 -0.06	37.22 0.66 -3.23	34.28 0.61 0.00	35.28 0.48 -13.34	40.27 0.62 -10.06	43.11 0.80 -7.31	42.59 0.81 -6.23	36.42 0.66 -3.59	39.39 0.51 -9.46	46.17 0.64 -6.46	36.44 0.61 -0.57	33.51 0.43 -0.41	34.48 0.46 0.75	33.11 0.40 0.69
BETHLEHEM___STEEL 23779	13.50 0.31 0.00	14.90 0.27 0.00	20.76 0.46 0.00	21.26 0.46 0.00	25.13 0.74 0.00	22.92 0.52 0.00	23.61 0.68 0.00	21.35 0.30 0.00	24.20 0.42 0.00	25.21 -0.26 0.00	31.68 -0.35 0.00	32.81 -0.51 0.00	32.94 -0.73 0.00	20.53 -0.93 0.00	28.67 -0.92 0.00	33.42 -1.59 0.00	34.31 -1.24 0.00	31.52 -0.65 0.00	28.88 -0.54 0.00	38.31 -0.76 0.00	34.61 -0.64 0.00	32.53 -0.14 0.00	34.96 0.19 0.00	33.85 0.45 0.00
BETHLHEM_115KV_TB1 79974	23.77 0.21 -10.36	18.52 0.22 -3.67	20.91 0.31 -0.29	21.17 0.37 0.00	24.84 0.45 0.00	22.84 0.45 0.00	23.36 0.43 0.00	21.49 0.44 0.00	24.50 0.45 -0.26	27.42 0.53 -1.43	32.81 0.72 -0.06	37.30 0.76 -3.22	34.38 0.71 0.00	35.28 0.55 -13.27	40.32 0.71 -10.02	43.18 0.90 -7.28	42.65 0.89 -6.21	36.48 0.74 -3.57	39.42 0.59 -9.41	46.23 0.74 -6.43	36.54 0.71 -0.57	33.61 0.52 -0.41	34.63 0.57 0.71	33.24 0.50 0.66
BETHPAGE_CC_5 323564	58.41 1.10 -44.12	31.39 1.15 -15.60	23.04 1.49 -1.25	22.43 1.63 -0.01	26.22 1.84 0.00	24.15 1.76 0.00	24.72 1.78 0.00	22.79 1.74 0.00	26.92 2.02 -1.11	34.03 2.47 -6.08	43.96 3.09 -8.85	57.07 3.09 -20.66	49.32 3.23 -12.42	78.48 2.32 -54.69	75.86 2.73 -43.55	71.81 3.07 -33.73	65.11 2.82 -26.74	50.29 2.42 -15.70	66.55 1.96 -35.16	64.94 2.56 -23.32	40.37 2.68 -2.44	37.33 2.27 -2.39	37.99 2.52 -0.70	36.51 2.46 -0.65
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.53 0.33 0.00	14.92 0.29 0.00	20.80 0.50 0.00	21.29 0.50 0.00	25.17 0.78 0.00	22.95 0.55 0.00	23.65 0.72 0.00	21.39 0.34 0.00	24.26 0.47 0.00	25.28 -0.19 0.00	31.78 -0.26 0.00	32.90 -0.42 0.00	33.04 -0.63 0.00	20.59 -0.87 0.00	28.75 -0.84 0.00	33.52 -1.48 0.00	34.41 -1.14 0.00	31.61 -0.56 0.00	28.96 -0.46 0.00	38.42 -0.65 0.00	34.69 -0.56 0.00	32.62 -0.05 0.00	35.05 0.28 0.00	33.92 0.52 0.00
BINGHAMTON___COGEN 23790	13.43 0.23 0.00	14.90 0.27 0.00	20.66 0.36 0.00	21.16 0.37 0.00	25.06 0.45 -0.22	22.92 0.40 -0.13	23.35 0.42 0.00	21.43 0.37 0.00	24.26 0.47 0.00	26.11 0.42 -0.22	32.53 0.49 0.00	33.74 0.42 0.00	34.08 0.41 0.00	21.61 0.15 0.00	29.93 0.35 0.00	35.28 0.27 0.00	35.97 0.42 0.00	32.67 0.50 0.00	29.85 0.43 0.00	39.66 0.58 -0.01	35.68 0.43 0.00	33.24 0.54 -0.03	35.47 0.59 -0.12	33.94 0.54 0.00
BIXINCNT_115KV_LOAD 355685	13.62 0.42 0.00	15.05 0.42 0.00	20.96 0.66 0.00	21.46 0.67 0.00	25.34 0.95 0.00	23.12 0.73 0.00	23.84 0.91 0.00	21.59 0.54 0.00	24.56 0.78 0.00	25.68 0.21 0.00	32.22 0.18 0.00	33.23 -0.10 0.00	33.41 -0.26 0.00	20.80 -0.66 0.00	29.01 -0.58 0.00	33.87 -1.14 0.00	34.77 -0.78 0.00	31.96 -0.21 0.00	29.25 -0.18 0.00	38.80 -0.27 0.00	35.04 -0.21 0.00	32.99 0.31 0.00	35.37 0.59 0.00	34.20 0.79 0.00

BLACK RIVER___HYD 24047	13.45 0.25 0.00	14.94 0.31 0.00	20.74 0.44 0.00	21.21 0.42 0.00	25.35 0.49 -0.47	23.13 0.46 -0.27	23.45 0.52 0.00	21.55 0.49 0.00	24.37 0.58 0.00	26.32 0.37 -0.48	32.22 0.19 0.00	33.26 -0.07 0.00	33.51 -0.16 0.00	21.27 -0.19 0.00	29.41 -0.17 0.00	34.94 -0.07 0.00	35.99 0.44 0.00	32.98 0.81 0.00	30.33 0.91 0.00	40.35 1.27 -0.02	36.30 1.05 0.00	33.68 0.95 -0.05	35.98 0.96 -0.25	34.34 0.94 0.00
BLACKRVR_115KV_TB2 79977	13.45 0.25 0.00	14.94 0.31 0.00	20.74 0.44 0.00	21.21 0.42 0.00	25.35 0.49 -0.47	23.13 0.46 -0.27	23.46 0.52 0.00	21.54 0.49 0.00	24.37 0.58 0.00	26.32 0.37 -0.48	32.22 0.18 0.00	33.26 -0.07 0.00	33.51 -0.16 0.00	21.27 -0.19 0.00	29.41 -0.17 0.00	34.94 -0.07 0.00	35.99 0.44 0.00	32.98 0.81 0.00	30.33 0.91 0.00	40.35 1.27 -0.02	36.30 1.05 0.00	33.68 0.95 -0.05	35.98 0.96 -0.25	34.34 0.94 0.00
BLISS_WT_PWR 323608	13.62 0.43 0.00	15.06 0.43 0.00	20.97 0.66 0.00	21.47 0.68 0.00	25.37 0.98 0.00	23.13 0.74 0.00	23.86 0.93 0.00	21.59 0.54 0.00	24.58 0.79 0.00	25.71 0.24 0.00	32.22 0.19 0.00	33.26 -0.06 0.00	33.43 -0.24 0.00	20.81 -0.64 0.00	29.03 -0.55 0.00	33.89 -1.11 0.00	34.79 -0.76 0.00	32.00 -0.17 0.00	29.28 -0.14 0.00	38.83 -0.23 0.00	35.07 -0.18 0.00	33.01 0.34 0.00	35.39 0.62 0.00	34.21 0.81 0.00
BLUESTONE___WT_PWR 323821	14.05 0.85 0.00	15.54 0.91 0.00	21.55 1.25 0.00	22.06 1.27 0.00	26.08 1.50 -0.20	23.88 1.37 -0.11	24.37 1.44 0.00	22.40 1.35 0.00	25.38 1.60 0.00	27.33 1.66 -0.20	34.12 2.09 0.00	35.38 2.06 0.00	35.70 2.03 0.00	22.70 1.23 0.00	31.40 1.81 0.00	37.12 2.11 0.00	37.80 2.25 0.00	34.45 2.28 0.00	31.55 2.13 0.00	41.83 2.76 -0.01	37.58 2.33 0.00	34.78 2.08 -0.02	37.03 2.16 -0.10	35.46 2.06 0.00
BLUE_CIRC_CHEM_DRP 24182	23.16 0.37 -9.59	18.43 0.41 -3.39	21.15 0.58 -0.27	21.45 0.66 0.00	25.19 0.80 0.00	23.16 0.77 0.00	23.67 0.74 0.00	21.77 0.72 0.00	24.78 0.75 -0.24	27.60 0.81 -1.32	33.15 1.06 -0.06	37.42 1.12 -2.98	34.73 1.06 0.00	34.25 0.76 -12.03	39.87 1.02 -9.26	42.98 1.25 -6.73	42.56 1.27 -5.74	36.56 1.11 -3.28	38.95 0.95 -8.58	46.14 1.24 -5.83	36.93 1.15 -0.53	33.99 0.91 -0.40	35.23 0.99 0.53	33.84 0.92 0.49
BOC_GAS_DRP 24189	23.63 0.30 -10.13	18.55 0.34 -3.58	21.06 0.48 -0.29	21.33 0.53 0.00	25.02 0.64 0.00	23.01 0.61 0.00	23.52 0.59 0.00	21.63 0.57 0.00	24.66 0.62 -0.25	27.58 0.71 -1.39	33.03 0.94 -0.06	37.44 0.97 -3.15	34.61 0.94 0.00	35.00 0.69 -12.84	40.26 0.89 -9.79	43.20 1.08 -7.11	42.68 1.07 -6.07	36.54 0.90 -3.48	39.27 0.73 -9.12	46.20 0.93 -6.21	36.70 0.89 -0.56	33.82 0.71 -0.43	35.05 0.79 0.52	33.67 0.74 0.48
BOONVILLE_115KV_TB1 79983	13.46 0.27 0.00	14.96 0.33 0.00	20.76 0.46 0.00	21.25 0.45 0.00	25.07 0.54 -0.15	22.98 0.50 -0.08	23.49 0.56 0.00	21.59 0.53 0.00	24.40 0.62 0.00	26.23 0.62 -0.15	32.74 0.71 0.00	33.97 0.64 0.00	34.31 0.64 0.00	21.85 0.39 0.00	30.11 0.53 0.00	35.64 0.64 0.00	36.35 0.80 0.00	33.03 0.87 0.00	30.29 0.87 0.00	40.25 1.18 0.00	36.25 0.99 0.00	33.56 0.87 -0.02	35.74 0.89 -0.08	34.25 0.85 0.00
BORALEX_4TH_BRANCH 23824	25.32 0.62 -11.51	19.38 0.67 -4.07	21.64 1.01 -0.33	21.85 1.05 0.00	25.62 1.22 0.00	23.61 1.21 0.00	24.19 1.26 0.00	22.19 1.14 0.00	25.31 1.23 -0.29	28.34 1.28 -1.58	33.73 1.63 -0.07	38.52 1.62 -3.57	35.08 1.41 0.00	37.46 0.96 -15.05	42.01 1.28 -11.14	44.84 1.75 -8.08	44.20 1.75 -6.90	37.65 1.46 -4.03	41.42 1.28 -10.72	48.07 1.63 -7.38	37.39 1.50 -0.64	34.15 1.17 -0.30	34.28 1.26 1.75	32.97 1.18 1.61
BOWLINE___1 23526	-49.43 0.77 63.39	-6.99 0.80 22.42	19.51 1.00 1.80	21.84 1.06 0.01	25.63 1.24 0.00	23.57 1.17 0.00	24.15 1.22 0.00	22.24 1.19 0.00	23.55 1.36 1.60	18.37 1.62 8.72	33.73 2.08 0.38	15.77 2.13 19.69	35.85 2.18 0.00	-29.31 1.58 52.35	-14.78 2.04 46.41	-1.37 2.29 38.67	4.77 2.20 32.98	16.65 1.79 17.31	-11.20 1.40 42.03	13.92 1.81 26.95	33.50 1.75 3.50	31.03 1.50 3.15	37.16 1.74 -0.65	35.74 1.74 -0.60
BOWLINE___2 23595	-49.48 0.77 63.46	-7.01 0.80 22.44	19.52 1.02 1.80	21.85 1.07 0.01	25.63 1.24 0.00	23.57 1.18 0.00	24.16 1.23 0.00	22.25 1.19 0.00	23.56 1.37 1.60	18.37 1.63 8.73	33.75 2.10 0.38	15.79 2.17 19.71	35.91 2.24 0.00	-29.32 1.60 52.38	-14.74 2.05 46.39	-1.35 2.32 38.68	4.79 2.23 32.99	16.69 1.84 17.32	-11.18 1.45 42.05	13.95 1.86 26.97	33.56 1.82 3.51	31.08 1.56 3.15	37.20 1.78 -0.65	35.74 1.74 -0.60
BRADY___115KV_TB2 356060	13.17 -0.02 0.00	14.61 -0.02 0.00	20.29 -0.02 0.00	20.75 -0.04 0.00	24.27 -0.12 0.00	22.28 -0.12 0.00	22.80 -0.13 0.00	20.92 -0.13 0.00	23.55 -0.24 0.00	25.17 -0.29 0.00	31.55 -0.48 0.00	32.87 -0.46 0.00	33.17 -0.50 0.00	21.16 -0.30 0.00	29.16 -0.43 0.00	34.69 -0.31 0.00	35.27 -0.28 0.00	31.88 -0.28 0.00	29.37 -0.05 0.00	39.16 0.10 0.00	35.26 0.01 0.00	32.73 0.05 0.00	34.73 -0.04 0.00	33.47 0.07 0.00
BRANSCOMB___SOLAR 323811	24.24 0.69 -10.36	19.03 0.74 -3.66	21.63 1.03 -0.29	21.87 1.08 0.00	25.66 1.27 0.00	23.61 1.22 0.00	24.20 1.27 0.00	22.28 1.23 0.00	25.44 1.39 -0.26	28.33 1.43 -1.43	33.83 1.74 -0.06	38.36 1.81 -3.22	35.37 1.71 0.00	35.99 1.19 -13.34	41.10 1.49 -10.02	44.18 1.90 -7.28	43.76 2.01 -6.21	37.56 1.80 -3.59	40.53 1.63 -9.47	47.80 2.25 -6.49	37.94 2.11 -0.57	34.79 1.75 -0.37	35.61 1.80 0.96	34.07 1.55 0.89
BRENTWOD_69_KV_W. BRTWOOD 56703	58.66 1.34 -44.12	31.66 1.42 -15.60	23.40 1.85 -1.25	22.76 1.95 -0.01	26.60 2.21 0.00	24.51 2.11 0.00	25.06 2.13 0.00	23.11 2.06 0.00	27.31 2.42 -1.11	34.57 2.93 -6.17	55.49 3.63 -19.83	71.80 3.51 -34.96	71.30 3.43 -34.20	91.96 2.44 -68.06	110.07 2.86 -77.62	130.38 3.25 -92.11	98.45 2.96 -59.94	75.28 2.62 -40.49	76.24 2.15 -44.66	69.75 2.76 -27.93	40.66 2.97 -2.44	37.60 2.54 -2.39	38.38 2.91 -0.70	36.92 2.87 -0.65
BRISTLHL_115KV_TB1 79998	13.03 -0.16 0.00	14.46 -0.17 0.00	20.07 -0.23 0.00	20.53 -0.26 0.00	25.11 -0.29 -1.02	22.72 -0.27 -0.59	22.69 -0.24 0.00	20.81 -0.24 0.00	23.52 -0.26 0.00	26.16 -0.34 -1.03	31.61 -0.42 0.00	32.85 -0.48 0.00	33.18 -0.48 0.00	21.06 -0.40 0.00	29.09 -0.49 0.00	34.34 -0.67 0.00	34.97 -0.58 0.00	31.77 -0.40 0.00	29.04 -0.39 0.00	38.60 -0.50 -0.03	34.80 -0.45 0.00	32.43 -0.36 -0.11	34.96 -0.35 -0.54	33.06 -0.34 0.00
BROOKHAVEN___DRP 24191	58.71 1.39 -44.12	31.70 1.46 -15.60	23.48 1.93 -1.25	22.81 2.01 -0.01	26.63 2.24 0.00	24.54 2.14 0.00	25.10 2.17 0.00	23.16 2.11 0.00	27.39 2.49 -1.11	35.03 3.06 -6.51	99.03 3.80 -63.20	130.83 3.79 -93.72	161.28 3.86 -123.75	147.21 2.74 -123.02	250.54 3.29 -217.67	370.78 3.69 -332.09	237.83 3.40 -198.88	177.66 3.07 -142.42	115.74 2.61 -83.70	89.31 3.38 -46.87	41.08 3.39 -2.44	37.91 2.85 -2.39	38.59 3.11 -0.70	37.09 3.04 -0.65

BROOKLYN_NAVY_YARD 23515	58.72 1.05 -44.48	31.44 1.08 -15.73	22.93 1.37 -1.26	22.23 1.43 -0.01	26.05 1.65 0.00	23.96 1.57 0.00	24.57 1.64 0.00	22.63 1.58 0.00	26.71 1.80 -1.12	33.70 2.11 -6.12	35.01 2.72 -0.27	49.99 2.86 -13.81	36.61 2.95 0.00	70.88 2.12 -47.30	72.88 2.55 -40.75	66.47 2.85 -28.61	62.73 2.77 -24.40	48.04 2.34 -13.52	65.78 1.89 -34.48	64.58 2.52 -23.00	40.19 2.49 -2.46	37.27 2.20 -2.40	37.92 2.44 -0.70	36.39 2.34 -0.65
BROOKLYN___ARMY_DRP 323595	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
BROOKVLE_69_KV_TB1 55790	58.47 1.16 -44.12	31.44 1.20 -15.60	23.11 1.55 -1.25	22.46 1.65 -0.01	26.28 1.89 0.00	24.19 1.79 0.00	24.77 1.84 0.00	22.84 1.79 0.00	26.97 2.07 -1.11	33.95 2.41 -6.07	42.63 3.12 -7.47	55.90 3.23 -19.35	47.48 3.39 -10.42	77.33 2.41 -53.47	72.95 2.94 -40.43	66.70 3.30 -28.39	62.89 3.13 -24.21	48.30 2.69 -13.44	65.91 2.19 -34.29	64.82 2.86 -22.90	40.54 2.86 -2.44	37.49 2.43 -2.39	38.10 2.62 -0.70	36.58 2.53 -0.65
BROOME_2_LFGE 323671	13.43 0.23 0.00	14.90 0.27 0.00	20.66 0.36 0.00	21.16 0.37 0.00	25.06 0.45 -0.22	22.92 0.40 -0.13	23.35 0.42 0.00	21.43 0.37 0.00	24.26 0.47 0.00	26.11 0.42 -0.22	32.52 0.49 0.00	33.73 0.41 0.00	34.08 0.41 0.00	21.62 0.16 0.00	29.92 0.34 0.00	35.28 0.27 0.00	35.96 0.41 0.00	32.66 0.49 0.00	29.85 0.43 0.00	39.65 0.58 -0.01	35.68 0.43 0.00	33.24 0.54 -0.03	35.47 0.59 -0.12	33.94 0.54 0.00
BROOME___LFGE 323600	13.43 0.23 0.00	14.90 0.27 0.00	20.66 0.36 0.00	21.16 0.37 0.00	25.06 0.45 -0.22	22.92 0.40 -0.13	23.35 0.42 0.00	21.43 0.37 0.00	24.26 0.47 0.00	26.11 0.42 -0.22	32.52 0.49 0.00	33.73 0.41 0.00	34.08 0.41 0.00	21.62 0.16 0.00	29.92 0.34 0.00	35.28 0.27 0.00	35.96 0.41 0.00	32.66 0.49 0.00	29.85 0.43 0.00	39.65 0.58 -0.01	35.68 0.43 0.00	33.24 0.54 -0.03	35.47 0.59 -0.12	33.94 0.54 0.00
BROWNFLS_115KV_TB_3_5 80003	13.07 -0.12 0.00	14.55 -0.09 0.00	20.19 -0.11 0.00	20.65 -0.14 0.00	24.40 -0.18 -0.19	22.34 -0.17 -0.11	22.74 -0.19 0.00	20.90 -0.16 0.00	23.60 -0.19 0.00	25.40 -0.26 -0.20	31.52 -0.52 0.00	32.68 -0.65 0.00	32.98 -0.69 0.00	21.00 -0.46 0.00	28.96 -0.62 0.00	34.42 -0.59 0.00	35.16 -0.40 0.00	31.94 -0.22 0.00	29.35 -0.07 0.00	39.06 -0.01 -0.01	35.14 -0.11 0.00	32.59 -0.10 -0.02	34.77 -0.11 -0.10	33.48 0.08 0.00
BROWNSV1_27_KV_LOAD 356125	58.91 1.23 -44.48	31.63 1.27 -15.73	23.21 1.64 -1.26	22.51 1.70 -0.01	26.37 1.98 0.00	24.26 1.86 0.00	24.87 1.94 0.00	22.91 1.86 0.00	27.05 2.14 -1.12	34.06 2.47 -6.12	35.50 3.19 -0.27	50.50 3.36 -13.81	37.15 3.49 0.00	71.20 2.44 -47.30	73.37 3.04 -40.75	67.03 3.41 -28.61	63.29 3.34 -24.40	48.54 2.84 -13.52	66.25 2.35 -34.48	65.22 3.16 -23.00	40.76 3.05 -2.46	37.78 2.70 -2.40	38.43 2.96 -0.70	36.88 2.83 -0.65
BURROWS___LYONSDAL 23803	13.41 0.22 0.00	14.92 0.29 0.00	20.72 0.41 0.00	21.20 0.40 0.00	25.04 0.47 -0.17	22.94 0.45 -0.10	23.43 0.50 0.00	21.54 0.48 0.00	24.35 0.56 0.00	26.19 0.54 -0.17	32.62 0.59 0.00	33.82 0.50 0.00	34.14 0.48 0.00	21.74 0.28 0.00	29.97 0.39 0.00	35.50 0.49 0.00	36.23 0.69 0.00	32.96 0.79 0.00	30.23 0.81 0.00	40.17 1.11 -0.01	36.16 0.91 0.00	33.50 0.80 -0.02	35.68 0.82 -0.09	34.21 0.80 0.00
CAITHNESS_CC_1 323624	58.63 1.32 -44.12	31.62 1.39 -15.60	23.38 1.83 -1.25	22.71 1.91 -0.01	26.52 2.12 0.00	24.43 2.04 0.00	24.99 2.06 0.00	23.06 2.01 0.00	27.27 2.37 -1.11	34.89 2.91 -6.51	98.78 3.62 -63.13	130.20 3.59 -93.28	160.44 3.68 -123.09	146.68 2.61 -122.61	249.32 3.10 -216.63	368.79 3.47 -330.32	236.23 3.18 -197.50	176.70 2.86 -141.66	115.25 2.41 -83.41	88.90 3.11 -46.73	40.87 3.17 -2.44	37.71 2.65 -2.39	38.39 2.92 -0.70	36.90 2.85 -0.65
CALPINE BETH_PAGE_GT4 24209	58.39 1.07 -44.12	31.35 1.12 -15.60	22.99 1.44 -1.25	22.41 1.61 -0.01	26.20 1.81 0.00	24.13 1.74 0.00	24.69 1.76 0.00	22.77 1.72 0.00	26.91 2.01 -1.11	34.01 2.46 -6.08	43.62 3.09 -8.50	56.75 3.10 -20.33	48.82 3.25 -11.91	78.18 2.34 -54.38	75.10 2.76 -42.75	70.48 3.10 -32.37	64.50 2.86 -26.10	49.71 2.42 -15.12	66.34 1.97 -34.94	64.87 2.59 -23.21	40.39 2.70 -2.44	37.31 2.25 -2.39	37.99 2.52 -0.70	36.50 2.45 -0.65
CALPINE_BETH_PAGE_GT_4 323586	58.39 1.07 -44.12	31.35 1.12 -15.60	22.99 1.44 -1.25	22.41 1.60 -0.01	26.20 1.81 0.00	24.13 1.74 0.00	24.69 1.76 0.00	22.77 1.72 0.00	26.90 2.01 -1.11	34.00 2.45 -6.08	43.62 3.09 -8.50	56.75 3.10 -20.33	48.82 3.25 -11.91	78.17 2.33 -54.38	75.09 2.75 -42.75	70.48 3.10 -32.37	64.51 2.86 -26.10	49.71 2.42 -15.12	66.33 1.97 -34.94	64.87 2.59 -23.21	40.38 2.69 -2.44	37.31 2.25 -2.39	37.99 2.52 -0.70	36.49 2.44 -0.65
CALPINE_BP_GT1 23823	58.39 1.07 -44.12	31.35 1.12 -15.60	22.99 1.44 -1.25	22.41 1.60 -0.01	26.20 1.81 0.00	24.13 1.74 0.00	24.69 1.76 0.00	22.77 1.72 0.00	26.90 2.01 -1.11	34.00 2.45 -6.08	43.62 3.09 -8.50	56.75 3.10 -20.33	48.82 3.25 -11.91	78.17 2.33 -54.38	75.09 2.75 -42.75	70.48 3.10 -32.37	64.51 2.86 -26.10	49.71 2.42 -15.12	66.33 1.97 -34.94	64.87 2.59 -23.21	40.38 2.69 -2.44	37.31 2.25 -2.39	37.99 2.52 -0.70	36.49 2.44 -0.65
CALSPAN___DRP 24200	13.50 0.31 0.00	14.90 0.27 0.00	20.76 0.46 0.00	21.26 0.46 0.00	25.13 0.74 0.00	22.92 0.52 0.00	23.61 0.68 0.00	21.35 0.30 0.00	24.20 0.42 0.00	25.21 -0.26 0.00	31.68 -0.35 0.00	32.81 -0.51 0.00	32.94 -0.73 0.00	20.53 -0.93 0.00	28.67 -0.92 0.00	33.42 -1.59 0.00	34.31 -1.24 0.00	31.52 -0.65 0.00	28.88 -0.54 0.00	38.31 -0.76 0.00	34.61 -0.64 0.00	32.53 -0.14 0.00	34.96 0.19 0.00	33.85 0.45 0.00
CALVERTON___SOLAR 323806	58.79 1.47 -44.12	31.78 1.55 -15.60	23.60 2.05 -1.25	22.93 2.13 -0.01	26.76 2.37 0.00	24.67 2.27 0.00	25.24 2.31 0.00	23.29 2.23 0.00	27.55 2.65 -1.11	35.21 3.23 -6.51	99.30 4.02 -63.24	131.27 4.04 -93.90	161.80 4.10 -124.03	147.54 2.89 -123.19	251.20 3.51 -218.11	371.79 3.94 -332.84	238.67 3.67 -199.45	178.25 3.34 -142.74	116.11 2.86 -83.83	89.69 3.70 -46.93	41.36 3.66 -2.44	38.15 3.09 -2.39	38.83 3.36 -0.70	37.30 3.25 -0.65
CANDIGU_WT_PWR 323617	13.48 0.28 0.00	14.96 0.32 0.00	20.77 0.47 0.00	21.26 0.47 0.00	25.15 0.65 -0.12	22.97 0.51 -0.07	23.54 0.61 0.00	21.48 0.42 0.00	24.33 0.55 0.00	25.83 0.25 -0.12	32.29 0.25 0.00	33.44 0.11 0.00	33.62 -0.04 0.00	21.13 -0.33 0.00	29.42 -0.16 0.00	34.47 -0.54 0.00	35.35 -0.20 0.00	32.29 0.12 0.00	29.55 0.13 0.00	39.26 0.19 0.00	35.31 0.06 0.00	33.10 0.41 -0.01	35.40 0.56 -0.06	34.01 0.61 0.00

CARR STREET_E_SYR 24060	13.07 -0.13 0.00	14.53 -0.10 0.00	20.20 -0.10 0.00	20.67 -0.13 0.00	24.58 -0.12 -0.30	22.45 -0.12 -0.17	22.81 -0.12 0.00	20.91 -0.14 0.00	23.66 -0.12 0.00	25.53 -0.25 -0.31	31.61 -0.42 0.00	32.75 -0.58 0.00	33.13 -0.53 0.00	21.03 -0.43 0.00	29.06 -0.53 0.00	34.29 -0.72 0.00	34.98 -0.57 0.00	31.89 -0.28 0.00	29.20 -0.22 0.00	38.78 -0.30 -0.01	34.98 -0.27 0.00	32.51 -0.20 -0.03	34.73 -0.20 -0.16	33.21 -0.20 0.00
CARTHAGE___PAPER 23857	13.41 0.21 0.00	14.92 0.28 0.00	20.72 0.41 0.00	21.18 0.38 0.00	25.23 0.44 -0.40	23.05 0.42 -0.23	23.41 0.48 0.00	21.51 0.46 0.00	24.32 0.53 0.00	26.27 0.39 -0.40	32.28 0.25 0.00	33.33 0.01 0.00	33.61 -0.06 0.00	21.35 -0.11 0.00	29.49 -0.10 0.00	35.02 0.01 0.00	36.01 0.46 0.00	32.92 0.75 0.00	30.29 0.87 0.00	40.31 1.24 -0.01	36.25 1.00 0.00	33.61 0.89 -0.05	35.88 0.90 -0.21	34.31 0.91 0.00
CASSADAGA_WT_PWR 323784	13.77 0.57 0.00	15.22 0.59 0.00	21.16 0.86 0.00	21.67 0.87 0.00	25.59 1.20 0.00	23.33 0.93 0.00	24.07 1.15 0.00	21.80 0.75 0.00	24.75 0.97 0.00	25.93 0.46 0.00	32.55 0.51 0.00	33.66 0.33 0.00	33.80 0.14 0.00	21.11 -0.35 0.00	29.60 0.01 0.00	34.51 -0.49 0.00	35.42 -0.13 0.00	32.51 0.34 0.00	29.76 0.33 0.00	39.49 0.42 0.00	35.56 0.31 0.00	33.49 0.81 0.00	35.88 1.11 0.00	34.62 1.22 0.00
CE_DUNWOOD___DRP 24194	61.36 0.89 -47.27	32.27 0.92 -16.72	22.83 1.18 -1.34	22.05 1.25 -0.01	25.85 1.46 0.00	23.77 1.38 0.00	24.35 1.42 0.00	22.43 1.38 0.00	26.56 1.59 -1.19	33.84 1.86 -6.50	34.74 2.43 -0.28	50.54 2.53 -14.68	36.27 2.60 0.00	71.87 1.85 -48.55	76.31 2.31 -44.42	68.86 2.61 -31.25	64.72 2.52 -26.65	48.81 2.13 -14.50	67.51 1.71 -36.38	65.26 2.23 -23.96	40.04 2.18 -2.61	37.12 1.89 -2.55	37.58 2.11 -0.70	36.07 2.02 -0.65
CE_MILLWOOD___DRP 24193	63.40 0.85 -49.36	32.97 0.88 -17.46	22.83 1.13 -1.40	22.00 1.19 -0.01	25.77 1.38 0.00	23.71 1.31 0.00	24.28 1.35 0.00	22.37 1.32 0.00	26.55 1.52 -1.24	34.05 1.79 -6.79	34.64 2.32 -0.30	51.08 2.42 -15.33	36.15 2.48 0.00	78.52 1.77 -55.29	233.59 2.22 -201.78	189.62 2.51 -152.10	167.72 2.44 -129.74	89.04 2.04 -54.83	133.51 1.64 -102.46	90.41 2.13 -49.22	40.05 2.07 -2.73	37.12 1.79 -2.65	37.47 2.01 -0.70	35.96 1.92 -0.64
CE_NYC2_DRP 24202	58.71 1.04 -44.47	31.43 1.07 -15.73	22.93 1.38 -1.26	22.23 1.43 -0.01	26.05 1.66 0.00	23.96 1.57 0.00	24.56 1.63 0.00	22.63 1.58 0.00	26.73 1.82 -1.12	33.71 2.12 -6.12	35.12 2.81 -0.27	50.06 2.92 -13.81	36.70 3.03 0.00	70.95 2.20 -47.29	72.85 2.53 -40.74	66.44 2.84 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.78 1.89 -34.47	64.59 2.54 -22.99	40.26 2.55 -2.46	37.36 2.28 -2.40	38.00 2.53 -0.70	36.46 2.42 -0.65
CE_NYC_DRP 24195	58.75 1.07 -44.48	31.46 1.09 -15.73	22.97 1.41 -1.26	22.26 1.46 -0.01	26.08 1.70 0.00	24.00 1.60 0.00	24.60 1.67 0.00	22.66 1.60 0.00	26.75 1.84 -1.12	33.73 2.14 -6.12	35.07 2.77 -0.27	50.06 2.92 -13.81	36.68 3.01 0.00	70.90 2.15 -47.30	72.94 2.60 -40.75	66.54 2.92 -28.61	62.79 2.84 -24.40	48.11 2.41 -13.53	65.85 1.95 -34.48	64.65 2.59 -23.00	40.27 2.56 -2.46	37.33 2.25 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
CHAFFEE___LFGE 323603	13.47 0.28 0.00	14.86 0.22 0.00	20.70 0.40 0.00	21.20 0.41 0.00	25.07 0.68 0.00	22.85 0.46 0.00	23.55 0.61 0.00	21.30 0.25 0.00	24.15 0.37 0.00	25.19 -0.28 0.00	31.65 -0.38 0.00	32.79 -0.53 0.00	32.95 -0.72 0.00	20.53 -0.92 0.00	28.69 -0.89 0.00	33.45 -1.56 0.00	34.30 -1.24 0.00	31.50 -0.67 0.00	28.88 -0.54 0.00	38.30 -0.76 0.00	34.59 -0.66 0.00	32.52 -0.15 0.00	34.92 0.15 0.00	33.80 0.40 0.00
CHATEAUG_35_KV_LOAD 355732	13.22 0.03 0.00	14.72 0.08 0.00	20.35 0.04 0.00	20.87 0.07 0.00	24.62 0.23 0.00	22.60 0.20 0.00	23.08 0.15 0.00	21.25 0.20 0.00	24.00 0.21 0.00	25.75 0.28 0.00	32.44 0.41 0.00	33.78 0.45 0.00	34.12 0.46 0.00	21.74 0.28 0.00	30.04 0.46 0.00	35.83 0.82 0.00	36.48 0.93 0.00	32.98 0.81 0.00	30.15 0.73 0.00	40.12 1.06 0.00	36.07 0.82 0.00	33.34 0.66 0.00	35.35 0.58 0.00	34.05 0.65 0.00
CHATEAUG_WT_PWR 323614	13.21 0.01 0.00	14.71 0.08 0.00	20.33 0.03 0.00	20.85 0.06 0.00	24.61 0.22 0.00	22.59 0.19 0.00	23.07 0.14 0.00	21.24 0.19 0.00	23.99 0.21 0.00	25.75 0.28 0.00	32.45 0.41 0.00	33.79 0.47 0.00	34.12 0.45 0.00	21.74 0.28 0.00	30.06 0.47 0.00	35.83 0.82 0.00	36.50 0.95 0.00	32.98 0.81 0.00	30.12 0.70 0.00	40.06 1.00 0.00	36.02 0.77 0.00	33.28 0.61 0.00	35.31 0.54 0.00	34.02 0.61 0.00
CHAT_HIGH_FALL_HYD 323578	13.23 0.03 0.00	14.72 0.09 0.00	20.35 0.04 0.00	20.87 0.07 0.00	24.62 0.23 0.00	22.60 0.20 0.00	23.08 0.15 0.00	21.25 0.20 0.00	24.00 0.21 0.00	25.75 0.28 0.00	32.44 0.41 0.00	33.78 0.45 0.00	34.12 0.45 0.00	21.74 0.28 0.00	30.04 0.46 0.00	35.83 0.82 0.00	36.48 0.93 0.00	32.98 0.81 0.00	30.15 0.73 0.00	40.12 1.05 0.00	36.07 0.81 0.00	33.34 0.66 0.00	35.35 0.58 0.00	34.05 0.64 0.00
CHAUTAUQUA___LFGE 323629	13.60 0.41 0.00	15.03 0.40 0.00	20.90 0.60 0.00	21.41 0.61 0.00	25.29 0.90 0.00	23.06 0.66 0.00	23.78 0.85 0.00	21.55 0.50 0.00	24.44 0.66 0.00	25.55 0.08 0.00	32.08 0.05 0.00	33.22 -0.11 0.00	33.37 -0.30 0.00	20.82 -0.64 0.00	29.16 -0.42 0.00	34.00 -1.00 0.00	34.88 -0.67 0.00	32.02 -0.15 0.00	29.32 -0.10 0.00	38.90 -0.17 0.00	35.03 -0.22 0.00	32.98 0.31 0.00	35.38 0.60 0.00	34.17 0.77 0.00
CHERRYST_13_KV_LD 356241	58.80 1.12 -44.48	31.51 1.15 -15.73	23.04 1.48 -1.26	22.34 1.53 -0.01	26.17 1.78 0.00	24.08 1.68 0.00	24.69 1.76 0.00	22.75 1.69 0.00	26.85 1.94 -1.12	33.84 2.25 -6.12	35.20 2.91 -0.27	50.20 3.06 -13.81	36.83 3.16 0.00	71.00 2.25 -47.30	73.08 2.74 -40.75	66.70 3.08 -28.61	62.96 3.01 -24.40	48.24 2.55 -13.53	65.97 2.07 -34.48	64.83 2.77 -23.00	40.42 2.71 -2.46	37.46 2.38 -2.40	38.09 2.62 -0.70	36.55 2.50 -0.65
CHESTROR_138KV_BK263 355645	-24.31 0.68 38.19	1.83 0.70 13.50	20.12 0.90 1.08	21.73 0.94 0.01	25.49 1.10 0.00	23.44 1.04 0.00	24.01 1.08 0.00	22.10 1.05 0.00	24.03 1.21 0.96	21.63 1.42 5.25	33.64 1.84 0.23	23.38 1.91 11.86	35.62 1.96 0.00	-15.04 1.37 37.87	-4.75 1.79 36.13	10.53 2.04 26.51	14.92 1.99 22.62	21.82 1.71 12.05	1.13 1.36 29.66	21.57 1.74 19.24	34.81 1.67 2.11	32.24 1.43 1.87	36.94 1.60 -0.57	35.46 1.53 -0.53
CH_MIDHUDSON___DRP 24192	23.82 0.79 -9.83	18.93 0.82 -3.48	21.66 1.08 -0.28	21.94 1.15 0.00	25.73 1.34 0.00	23.66 1.27 0.00	24.24 1.31 0.00	22.31 1.26 0.00	25.48 1.44 -0.25	28.51 1.69 -1.35	34.28 2.19 -0.06	38.66 2.28 -3.05	36.00 2.33 0.00	39.36 1.64 -16.26	41.23 2.12 -9.53	44.30 2.45 -6.84	43.83 2.45 -5.83	37.92 2.09 -3.66	41.37 1.70 -10.25	48.58 2.21 -7.31	37.88 2.09 -0.54	35.05 1.79 -0.58	37.20 1.96 -0.47	35.68 1.85 -0.43

CH_MISC_IPPS 23765	14.09 0.89 0.00	15.57 0.94 0.00	21.53 1.22 0.00	22.08 1.29 0.00	25.89 1.50 0.00	23.81 1.42 0.00	24.40 1.47 0.00	22.46 1.41 0.00	25.41 1.63 0.00	27.36 1.89 0.00	34.48 2.45 0.00	35.88 2.55 0.00	36.29 2.62 0.00	32.35 1.83 -9.06	32.32 2.38 -0.36	37.78 2.76 0.00	38.32 2.77 0.00	35.35 2.40 -0.78	35.06 1.96 -3.68	44.92 2.54 -3.32	37.64 2.38 0.00	34.83 2.07 -0.09	37.53 2.24 -0.52	35.99 2.11 -0.48
CH_RES_BVR_FALLS 23983	13.07 -0.12 0.00	14.51 -0.13 0.00	20.14 -0.17 0.00	20.61 -0.18 0.00	24.14 -0.25 0.00	22.17 -0.23 0.00	22.70 -0.23 0.00	20.83 -0.22 0.00	23.51 -0.27 0.00	25.21 -0.25 0.00	31.69 -0.34 0.00	33.00 -0.33 0.00	33.32 -0.35 0.00	21.23 -0.23 0.00	29.28 -0.30 0.00	34.74 -0.27 0.00	35.27 -0.28 0.00	31.87 -0.30 0.00	29.19 -0.23 0.00	38.79 -0.28 0.00	34.96 -0.29 0.00	32.44 -0.24 0.00	34.46 -0.31 0.00	33.11 -0.29 0.00
CH_RES_NIAGARA 23895	13.24 0.05 0.00	14.62 -0.01 0.00	20.42 0.11 0.00	20.91 0.11 0.00	24.77 0.37 0.00	22.55 0.15 0.00	23.22 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.55 -0.92 0.00	30.84 -1.19 0.00	31.97 -1.36 0.00	31.86 -1.81 0.00	19.84 -1.62 0.00	27.70 -1.88 0.00	32.23 -2.78 0.00	33.07 -2.48 0.00	30.46 -1.71 0.00	27.93 -1.49 0.00	36.93 -2.13 0.00	33.34 -1.91 0.00	31.32 -1.35 0.00	33.77 -1.00 0.00	32.98 -0.42 0.00
CH_RES_SYRACUSE 23985	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.01 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.35 -0.11 0.00	29.50 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.28 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
CLINTON_WT_PWR 323605	13.21 0.01 0.00	14.71 0.08 0.00	20.33 0.03 0.00	20.85 0.06 0.00	24.61 0.22 0.00	22.59 0.19 0.00	23.07 0.14 0.00	21.24 0.19 0.00	23.99 0.21 0.00	25.75 0.28 0.00	32.45 0.41 0.00	33.79 0.47 0.00	34.12 0.45 0.00	21.74 0.28 0.00	30.06 0.47 0.00	35.83 0.82 0.00	36.50 0.95 0.00	32.98 0.81 0.00	30.12 0.70 0.00	40.06 1.00 0.00	36.02 0.77 0.00	33.28 0.61 0.00	35.31 0.54 0.00	34.02 0.61 0.00
CLINTON__LFGE 323618	13.40 0.20 0.00	14.91 0.28 0.00	20.60 0.30 0.00	21.13 0.33 0.00	24.93 0.54 0.00	22.90 0.51 0.00	23.41 0.49 0.00	21.57 0.51 0.00	24.36 0.57 0.00	26.11 0.64 0.00	32.81 0.78 0.00	34.17 0.85 0.00	34.50 0.83 0.00	21.99 0.53 0.00	30.43 0.84 0.00	36.30 1.29 0.00	37.02 1.47 0.00	33.49 1.32 0.00	30.58 1.16 0.00	40.67 1.60 0.00	36.55 1.30 0.00	33.74 1.07 0.00	35.79 1.02 0.00	34.45 1.04 0.00
COBBLENY_34_KV_TB1 80064	13.47 0.28 0.00	14.85 0.22 0.00	20.70 0.40 0.00	21.20 0.40 0.00	25.05 0.66 0.00	22.85 0.46 0.00	23.54 0.61 0.00	21.30 0.25 0.00	24.15 0.37 0.00	25.18 -0.29 0.00	31.65 -0.38 0.00	32.79 -0.54 0.00	32.94 -0.72 0.00	20.53 -0.93 0.00	28.67 -0.92 0.00	33.43 -1.58 0.00	34.30 -1.25 0.00	31.49 -0.67 0.00	28.87 -0.56 0.00	38.30 -0.76 0.00	34.59 -0.67 0.00	32.52 -0.15 0.00	34.92 0.15 0.00	33.80 0.40 0.00
COFFEEN__115KV_TB3 355620	13.54 0.35 0.00	15.05 0.42 0.00	20.89 0.58 0.00	21.35 0.55 0.00	25.53 0.66 -0.48	23.29 0.62 -0.28	23.61 0.69 0.00	21.70 0.64 0.00	24.54 0.75 0.00	26.46 0.50 -0.49	32.32 0.29 0.00	33.35 0.02 0.00	33.58 -0.08 0.00	21.30 -0.16 0.00	29.48 -0.11 0.00	35.05 0.05 0.00	36.20 0.65 0.00	33.23 1.07 0.00	30.57 1.15 0.00	40.70 1.62 -0.02	36.61 1.36 0.00	33.96 1.23 -0.05	36.28 1.25 -0.25	34.60 1.20 0.00
COLDSPRG_115KV_BK1 355956	13.82 0.62 0.00	15.30 0.67 0.00	21.27 0.97 0.00	21.77 0.97 0.00	25.68 1.29 0.00	23.44 1.05 0.00	24.19 1.26 0.00	21.98 0.93 0.00	25.00 1.21 0.00	26.26 0.79 0.00	32.97 0.94 0.00	33.93 0.60 0.00	34.07 0.40 0.00	21.24 -0.22 0.00	29.71 0.13 0.00	34.67 -0.33 0.00	35.61 0.06 0.00	32.68 0.51 0.00	29.88 0.46 0.00	39.67 0.60 0.00	35.76 0.51 0.00	33.69 1.02 0.00	36.07 1.30 0.00	34.80 1.40 0.00
COLONIE_LFGE__ 323577	24.35 0.50 -10.65	18.94 0.54 -3.77	21.38 0.78 -0.30	21.62 0.82 0.00	25.34 0.95 0.00	23.33 0.94 0.00	23.89 0.95 0.00	21.95 0.90 0.00	25.05 1.00 -0.27	28.01 1.07 -1.47	33.46 1.36 -0.06	38.03 1.40 -3.31	34.96 1.29 0.00	36.15 0.92 -13.77	41.08 1.19 -10.30	44.02 1.54 -7.48	43.49 1.56 -6.38	37.21 1.35 -3.70	40.38 1.18 -9.78	47.31 1.54 -6.70	37.27 1.43 -0.59	34.18 1.14 -0.36	34.89 1.22 1.10	33.50 1.11 1.01
COOPERNY_115KV_TB1 80082	-0.60 0.50 14.29	10.10 0.53 5.05	20.57 0.67 0.40	21.50 0.71 0.00	25.22 0.83 0.00	23.18 0.78 0.00	23.73 0.80 0.00	21.83 0.78 0.00	24.32 0.90 0.36	24.55 1.04 1.97	33.30 1.35 0.09	30.28 1.40 4.44	35.10 1.43 0.00	4.64 1.00 17.82	17.09 1.32 13.81	26.45 1.47 10.03	28.43 1.44 8.56	28.53 1.23 4.87	17.73 0.99 12.68	31.73 1.26 8.60	35.67 1.21 0.79	33.04 1.04 0.68	36.28 1.17 -0.34	34.83 1.12 -0.31
COPENHAGEN_WT_PWR 323753	13.39 0.19 0.00	14.88 0.25 0.00	20.67 0.37 0.00	21.14 0.34 0.00	25.31 0.41 -0.51	23.07 0.38 -0.29	23.37 0.44 0.00	21.46 0.41 0.00	24.28 0.49 0.00	26.27 0.29 -0.51	32.13 0.10 0.00	33.20 -0.12 0.00	33.46 -0.21 0.00	21.23 -0.23 0.00	29.36 -0.23 0.00	34.85 -0.16 0.00	35.85 0.30 0.00	32.83 0.67 0.00	30.18 0.76 0.00	40.14 1.06 -0.02	36.11 0.86 0.00	33.51 0.78 -0.06	35.83 0.79 -0.26	34.19 0.79 0.00
CORNELL____ 23752	13.57 0.38 0.00	15.04 0.41 0.00	20.84 0.54 0.00	21.33 0.54 0.00	25.36 0.66 -0.31	23.16 0.58 -0.18	23.58 0.65 0.00	21.65 0.59 0.00	24.52 0.74 0.00	26.45 0.67 -0.31	32.87 0.84 0.00	34.11 0.78 0.00	34.45 0.78 0.00	21.83 0.37 0.00	30.21 0.63 0.00	35.65 0.65 0.00	36.34 0.79 0.00	33.10 0.93 0.00	30.30 0.88 0.00	40.26 1.19 -0.01	36.23 0.98 0.00	33.68 0.97 -0.04	35.94 1.01 -0.16	34.34 0.93 0.00
CORONAAV_69_KV_TB1 355595	58.46 1.14 -44.12	31.42 1.19 -15.60	23.08 1.53 -1.25	22.44 1.64 -0.01	26.26 1.86 0.00	24.16 1.76 0.00	24.72 1.79 0.00	22.80 1.75 0.00	26.91 2.01 -1.11	33.96 2.42 -6.07	42.62 3.11 -7.47	55.86 3.18 -19.35	47.43 3.34 -10.42	77.35 2.42 -53.47	72.86 2.85 -40.43	66.56 3.16 -28.39	62.76 2.99 -24.21	48.21 2.60 -13.44	65.84 2.12 -34.29	64.76 2.80 -22.90	40.50 2.81 -2.44	37.46 2.40 -2.39	38.08 2.61 -0.70	36.57 2.52 -0.65
CORTLAND_115KV_TB3 80093	13.43 0.24 0.00	14.89 0.26 0.00	20.66 0.36 0.00	21.14 0.35 0.00	25.15 0.43 -0.32	22.97 0.38 -0.19	23.36 0.43 0.00	21.43 0.38 0.00	24.26 0.48 0.00	26.23 0.43 -0.33	32.56 0.53 0.00	33.81 0.48 0.00	34.15 0.49 0.00	21.67 0.21 0.00	29.97 0.38 0.00	35.38 0.37 0.00	36.06 0.51 0.00	32.77 0.60 0.00	29.97 0.55 0.00	39.83 0.75 -0.01	35.86 0.61 0.00	33.33 0.62 -0.04	35.59 0.65 -0.17	33.98 0.58 0.00

COXSACKIE___GT 23611	21.90 0.83 -7.87	18.29 0.88 -2.78	21.75 1.23 -0.22	22.15 1.35 0.00	26.01 1.62 0.00	23.94 1.54 0.00	24.54 1.60 0.00	22.56 1.51 0.00	25.52 1.53 -0.20	27.96 1.40 -1.08	33.74 1.65 -0.05	37.52 1.75 -2.44	35.30 1.63 0.00	31.80 1.27 -9.08	31.90 1.88 -0.43	37.31 2.30 0.00	37.92 2.37 0.00	35.56 2.59 -0.81	35.75 2.51 -3.82	46.04 3.52 -3.45	38.81 3.13 -0.43	35.64 2.62 -0.34	37.09 2.70 0.38	35.46 2.41 0.35
CPV_VALLEY___CC1 323721	-9.17 0.57 22.93	7.11 0.59 8.11	20.39 0.74 0.65	21.58 0.79 0.00	25.31 0.92 0.00	23.26 0.87 0.00	23.83 0.90 0.00	21.94 0.89 0.00	24.22 1.02 0.58	23.52 1.20 3.16	33.44 1.55 0.14	27.82 1.62 7.12	35.32 1.65 0.00	-6.18 1.17 28.81	8.96 1.55 22.18	20.64 1.74 16.10	23.49 1.67 13.74	25.74 1.41 7.83	10.09 1.11 20.44	26.60 1.42 13.88	35.34 1.35 1.27	32.72 1.15 1.10	36.56 1.30 -0.49	35.10 1.25 -0.45
CPV_VALLEY___CC2 323722	-9.17 0.57 22.93	7.11 0.59 8.11	20.39 0.74 0.65	21.58 0.79 0.00	25.31 0.92 0.00	23.26 0.87 0.00	23.83 0.90 0.00	21.94 0.89 0.00	24.22 1.02 0.58	23.52 1.20 3.16	33.44 1.55 0.14	27.82 1.62 7.12	35.32 1.65 0.00	-6.18 1.17 28.81	8.96 1.55 22.18	20.64 1.74 16.10	23.49 1.67 13.74	25.74 1.41 7.83	10.09 1.11 20.44	26.60 1.42 13.88	35.34 1.35 1.27	32.72 1.15 1.10	36.56 1.30 -0.49	35.10 1.25 -0.45
CRESCENT___HYD 24018	24.35 0.50 -10.65	18.94 0.54 -3.77	21.38 0.78 -0.30	21.62 0.82 0.00	25.34 0.95 0.00	23.33 0.94 0.00	23.89 0.95 0.00	21.95 0.90 0.00	25.05 1.00 -0.27	28.01 1.07 -1.47	33.46 1.36 -0.06	38.03 1.40 -3.31	34.96 1.29 0.00	36.15 0.92 -13.77	41.08 1.19 -10.30	44.02 1.54 -7.48	43.49 1.56 -6.38	37.21 1.35 -3.70	40.38 1.18 -9.78	47.31 1.54 -6.70	37.27 1.43 -0.59	34.18 1.14 -0.36	34.89 1.22 1.10	33.50 1.11 1.01
CRICKET___VALLEY_CC1 323756	33.83 0.57 -20.07	22.31 0.58 -7.10	21.66 0.79 -0.57	21.65 0.85 0.00	25.37 0.98 0.00	23.35 0.95 0.00	23.92 0.98 0.00	22.00 0.94 0.00	25.34 1.05 -0.51	29.48 1.25 -2.76	33.79 1.63 -0.12	41.26 1.70 -6.23	35.37 1.70 0.00	49.84 1.24 -27.14	50.66 1.55 -19.52	50.99 1.86 -14.13	49.47 1.87 -12.05	41.05 1.54 -7.34	50.79 1.20 -20.17	54.78 1.51 -14.20	37.80 1.44 -1.11	33.03 1.14 0.78	25.26 1.27 10.78	24.69 1.21 9.92
CRICKET___VALLEY_CC2 323757	33.83 0.57 -20.07	22.31 0.58 -7.10	21.66 0.79 -0.57	21.65 0.85 0.00	25.37 0.98 0.00	23.35 0.95 0.00	23.92 0.98 0.00	22.00 0.94 0.00	25.34 1.05 -0.51	29.48 1.25 -2.76	33.79 1.63 -0.12	41.26 1.70 -6.23	35.37 1.70 0.00	49.84 1.24 -27.14	50.66 1.55 -19.52	50.99 1.86 -14.13	49.47 1.87 -12.05	41.05 1.54 -7.34	50.79 1.20 -20.17	54.78 1.51 -14.20	37.80 1.44 -1.11	33.03 1.14 0.78	25.26 1.27 10.78	24.69 1.21 9.92
CRICKET___VALLEY_CC3 323758	33.83 0.57 -20.07	22.31 0.58 -7.10	21.66 0.79 -0.57	21.65 0.85 0.00	25.37 0.98 0.00	23.35 0.95 0.00	23.92 0.98 0.00	22.00 0.94 0.00	25.34 1.05 -0.51	29.48 1.25 -2.76	33.79 1.63 -0.12	41.26 1.70 -6.23	35.37 1.70 0.00	49.84 1.24 -27.14	50.66 1.55 -19.52	50.99 1.86 -14.13	49.47 1.87 -12.05	41.05 1.54 -7.34	50.79 1.20 -20.17	54.78 1.51 -14.20	37.80 1.44 -1.11	33.03 1.14 0.78	25.26 1.27 10.78	24.69 1.21 9.92
CRUCIBLE_METL_DRP 24180	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.02 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.34 -0.12 0.00	29.49 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.27 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
DAHOWA___HYDRO 323763	24.23 0.73 -10.31	19.06 0.79 -3.64	21.68 1.09 -0.29	21.93 1.13 0.00	25.73 1.34 0.00	23.68 1.29 0.00	24.29 1.36 0.00	22.37 1.32 0.00	25.54 1.50 -0.26	28.42 1.54 -1.42	33.93 1.84 -0.06	38.45 1.92 -3.20	35.48 1.81 0.00	35.97 1.25 -13.26	41.10 1.54 -9.97	44.24 1.99 -7.24	43.85 2.13 -6.17	37.64 1.91 -3.57	40.59 1.75 -9.41	47.95 2.45 -6.44	38.11 2.29 -0.57	34.94 1.89 -0.37	35.78 1.94 0.93	34.18 1.64 0.86
DANC___LFGE 323619	13.24 0.04 0.00	14.71 0.08 0.00	20.43 0.12 0.00	20.89 0.09 0.00	25.14 0.12 -0.63	22.87 0.11 -0.36	23.09 0.16 0.00	21.20 0.14 0.00	23.98 0.19 0.00	26.11 0.00 -0.64	31.86 -0.17 0.00	32.99 -0.34 0.00	33.26 -0.41 0.00	21.12 -0.34 0.00	29.17 -0.41 0.00	34.56 -0.45 0.00	35.39 -0.17 0.00	32.32 0.15 0.00	29.64 0.22 0.00	39.42 0.34 -0.02	35.50 0.25 0.00	33.03 0.28 -0.07	35.44 0.33 -0.33	33.73 0.33 0.00
DANSKAMMER___1 23586	14.09 0.89 0.00	15.57 0.94 0.00	21.53 1.22 0.00	22.08 1.29 0.00	25.89 1.50 0.00	23.81 1.42 0.00	24.40 1.47 0.00	22.46 1.41 0.00	25.41 1.63 0.00	27.36 1.89 0.00	34.48 2.45 0.00	35.88 2.55 0.00	36.29 2.62 0.00	32.35 1.83 -9.06	32.32 2.38 -0.36	37.78 2.76 0.00	38.32 2.77 0.00	35.35 2.40 -0.78	35.06 1.96 -3.68	44.92 2.54 -3.32	37.64 2.38 0.00	34.83 2.07 -0.09	37.53 2.24 -0.52	35.99 2.11 -0.48
DANSKAMMER___2 23589	14.09 0.89 0.00	15.57 0.94 0.00	21.53 1.22 0.00	22.08 1.29 0.00	25.89 1.50 0.00	23.81 1.42 0.00	24.40 1.47 0.00	22.46 1.41 0.00	25.41 1.63 0.00	27.36 1.89 0.00	34.48 2.45 0.00	35.88 2.55 0.00	36.29 2.62 0.00	32.35 1.83 -9.06	32.32 2.38 -0.36	37.78 2.76 0.00	38.32 2.77 0.00	35.35 2.40 -0.78	35.06 1.96 -3.68	44.92 2.54 -3.32	37.64 2.38 0.00	34.83 2.07 -0.09	37.53 2.24 -0.52	35.99 2.11 -0.48
DANSKAMMER___3 23590	14.09 0.89 0.00	15.57 0.94 0.00	21.53 1.22 0.00	22.08 1.29 0.00	25.89 1.50 0.00	23.81 1.42 0.00	24.40 1.47 0.00	22.46 1.41 0.00	25.41 1.63 0.00	27.36 1.89 0.00	34.48 2.45 0.00	35.88 2.55 0.00	36.29 2.62 0.00	32.35 1.83 -9.06	32.32 2.38 -0.36	37.78 2.76 0.00	38.32 2.77 0.00	35.35 2.40 -0.78	35.06 1.96 -3.68	44.92 2.54 -3.32	37.64 2.38 0.00	34.83 2.07 -0.09	37.53 2.24 -0.52	35.99 2.11 -0.48
DANSKAMMER___4 23591	14.09 0.89 0.00	15.57 0.94 0.00	21.53 1.22 0.00	22.08 1.29 0.00	25.89 1.50 0.00	23.81 1.42 0.00	24.40 1.47 0.00	22.46 1.41 0.00	25.41 1.63 0.00	27.36 1.89 0.00	34.48 2.45 0.00	35.88 2.55 0.00	36.29 2.62 0.00	32.35 1.83 -9.06	32.32 2.38 -0.36	37.78 2.76 0.00	38.32 2.77 0.00	35.35 2.40 -0.78	35.06 1.96 -3.68	44.92 2.54 -3.32	37.64 2.38 0.00	34.83 2.07 -0.09	37.53 2.24 -0.52	35.99 2.11 -0.48
DANSKAMMER___DIESEL 23592	14.09 0.89 0.00	15.57 0.94 0.00	21.53 1.22 0.00	22.08 1.29 0.00	25.90 1.51 0.00	23.81 1.42 0.00	24.40 1.47 0.00	22.46 1.41 0.00	25.41 1.63 0.00	27.36 1.89 0.00	34.48 2.45 0.00	35.88 2.55 0.00	36.29 2.62 0.00	32.34 1.82 -9.06	32.32 2.38 -0.36	37.77 2.76 0.00	38.33 2.78 0.00	35.35 2.40 -0.78	35.06 1.96 -3.68	44.93 2.54 -3.32	37.63 2.38 0.00	34.83 2.07 -0.09	37.53 2.24 -0.52	35.99 2.11 -0.48

DARBY___SOLAR 323810	24.24 0.69 -10.36	19.04 0.75 -3.66	21.63 1.03 -0.29	21.87 1.08 0.00	25.66 1.27 0.00	23.62 1.22 0.00	24.21 1.28 0.00	22.29 1.23 0.00	25.44 1.39 -0.26	28.33 1.43 -1.43	33.81 1.71 -0.06	38.34 1.79 -3.22	35.36 1.69 0.00	35.95 1.15 -13.33	41.07 1.46 -10.02	44.14 1.86 -7.27	43.73 1.98 -6.20	37.54 1.79 -3.59	40.52 1.63 -9.47	47.81 2.27 -6.48	37.96 2.14 -0.57	34.80 1.75 -0.37	35.63 1.82 0.96	34.08 1.56 0.88
DASHVILLE___HYD 23610	13.89 0.69 0.00	15.35 0.72 0.00	21.23 0.93 0.00	21.79 1.00 0.00	25.55 1.16 0.00	23.49 1.09 0.00	24.04 1.11 0.00	22.14 1.09 0.00	25.06 1.28 0.00	27.04 1.57 0.00	34.05 2.02 0.00	35.41 2.09 0.00	35.82 2.16 0.00	23.18 1.64 -0.08	31.71 2.00 -0.13	37.28 2.27 0.00	37.74 2.20 0.00	33.99 1.82 0.00	30.83 1.41 0.00	40.89 1.83 0.00	37.05 1.80 0.00	34.29 1.58 -0.04	36.86 1.85 -0.23	35.37 1.75 -0.21
DEERFIELD_69_KV_DEERFIELD LD 355887	59.19 1.87 -44.12	32.21 1.98 -15.60	24.17 2.62 -1.25	23.51 2.71 -0.01	27.45 3.06 0.00	25.30 2.90 0.00	25.90 2.97 0.00	23.90 2.85 0.00	28.33 3.43 -1.11	36.11 4.14 -6.51	100.49 5.20 -63.26	132.76 5.29 -94.14	163.34 5.26 -124.41	148.55 3.67 -123.42	252.91 4.62 -218.70	374.07 5.22 -333.85	240.76 4.96 -200.25	179.99 4.64 -143.18	117.44 4.03 -83.99	91.28 5.20 -47.01	42.62 4.92 -2.44	39.28 4.22 -2.39	39.97 4.50 -0.70	38.34 4.29 -0.65
DELAWARE___LFGE 323621	13.64 0.45 0.00	15.12 0.49 0.00	20.98 0.67 0.00	21.51 0.71 0.00	25.35 0.84 -0.12	23.24 0.78 -0.07	23.69 0.75 0.00	21.77 0.72 0.00	24.62 0.83 0.00	26.50 0.92 -0.12	33.21 1.18 0.00	34.53 1.20 0.00	34.87 1.20 0.00	22.27 0.81 0.00	30.68 1.09 0.00	36.25 1.25 0.00	36.82 1.27 0.00	33.33 1.17 0.00	30.41 0.99 0.00	40.35 1.28 0.00	36.42 1.17 0.00	33.71 1.02 -0.01	35.95 1.11 -0.06	34.45 1.05 0.00
DERFIELD_115KV_TB7 355931	13.25 0.06 0.00	14.69 0.06 0.00	20.38 0.08 0.00	20.88 0.09 0.00	24.51 0.12 0.00	22.50 0.11 0.00	23.02 0.09 0.00	21.16 0.10 0.00	23.91 0.12 0.00	25.59 0.13 0.00	32.19 0.16 0.00	33.50 0.17 0.00	33.84 0.17 0.00	21.57 0.12 0.00	29.74 0.15 0.00	35.18 0.17 0.00	35.74 0.20 0.00	32.35 0.18 0.00	29.57 0.15 0.00	39.26 0.20 0.00	35.43 0.18 0.00	32.82 0.14 0.00	34.94 0.17 0.00	33.54 0.14 0.00
DOGLEVILLE___HYD 23807	13.25 0.05 0.00	14.70 0.07 0.00	20.44 0.14 0.00	21.02 0.23 0.00	24.69 0.30 0.00	22.67 0.28 0.00	23.22 0.29 0.00	21.41 0.35 0.00	24.21 0.43 0.00	25.90 0.43 0.00	32.46 0.43 0.00	33.70 0.37 0.00	34.01 0.35 0.00	21.75 0.29 0.00	30.07 0.48 0.00	35.64 0.63 0.00	36.19 0.64 0.00	32.79 0.62 0.00	30.07 0.65 0.00	39.94 0.88 0.00	36.01 0.76 0.00	33.07 0.39 0.00	35.27 0.50 0.00	33.73 0.33 0.00
DUNKIRK___115KV_TB_200 55889	13.57 0.38 0.00	15.00 0.36 0.00	20.86 0.56 0.00	21.37 0.57 0.00	25.22 0.83 0.00	23.01 0.61 0.00	23.73 0.80 0.00	21.52 0.46 0.00	24.39 0.61 0.00	25.48 0.01 0.00	32.01 -0.02 0.00	33.14 -0.19 0.00	33.29 -0.37 0.00	20.77 -0.69 0.00	29.08 -0.51 0.00	33.91 -1.10 0.00	34.79 -0.76 0.00	31.93 -0.24 0.00	29.23 -0.19 0.00	38.81 -0.26 0.00	34.94 -0.31 0.00	32.90 0.22 0.00	35.30 0.53 0.00	34.09 0.69 0.00
DUNKIRK___1 23563	13.57 0.38 0.00	15.00 0.36 0.00	20.86 0.56 0.00	21.37 0.57 0.00	25.22 0.83 0.00	23.01 0.61 0.00	23.73 0.80 0.00	21.52 0.46 0.00	24.39 0.61 0.00	25.48 0.01 0.00	32.01 -0.02 0.00	33.14 -0.19 0.00	33.29 -0.37 0.00	20.77 -0.69 0.00	29.08 -0.51 0.00	33.91 -1.10 0.00	34.79 -0.76 0.00	31.93 -0.24 0.00	29.23 -0.19 0.00	38.81 -0.26 0.00	34.94 -0.31 0.00	32.90 0.22 0.00	35.30 0.53 0.00	34.09 0.69 0.00
DUNKIRK___2 23564	13.57 0.38 0.00	15.00 0.36 0.00	20.86 0.56 0.00	21.37 0.57 0.00	25.22 0.83 0.00	23.01 0.61 0.00	23.73 0.80 0.00	21.52 0.46 0.00	24.39 0.61 0.00	25.48 0.01 0.00	32.01 -0.02 0.00	33.14 -0.19 0.00	33.29 -0.37 0.00	20.77 -0.69 0.00	29.08 -0.51 0.00	33.91 -1.10 0.00	34.79 -0.76 0.00	31.93 -0.24 0.00	29.23 -0.19 0.00	38.81 -0.26 0.00	34.94 -0.31 0.00	32.90 0.22 0.00	35.30 0.53 0.00	34.09 0.69 0.00
DUNKIRK___3 23565	13.50 0.30 0.00	14.93 0.29 0.00	20.75 0.45 0.00	21.26 0.46 0.00	25.09 0.70 0.00	22.89 0.50 0.00	23.60 0.67 0.00	21.43 0.37 0.00	24.29 0.50 0.00	25.41 -0.06 0.00	31.90 -0.13 0.00	32.99 -0.34 0.00	33.15 -0.52 0.00	20.69 -0.77 0.00	28.94 -0.64 0.00	33.79 -1.22 0.00	34.66 -0.89 0.00	31.79 -0.38 0.00	29.09 -0.33 0.00	38.61 -0.45 0.00	34.76 -0.49 0.00	32.75 0.07 0.00	35.12 0.35 0.00	33.92 0.52 0.00
DUNKIRK___4 23566	13.55 0.36 0.00	14.97 0.34 0.00	20.83 0.53 0.00	21.33 0.54 0.00	25.20 0.81 0.00	22.99 0.59 0.00	23.70 0.77 0.00	21.47 0.42 0.00	24.34 0.56 0.00	25.42 -0.05 0.00	31.93 -0.10 0.00	33.05 -0.28 0.00	33.20 -0.47 0.00	20.70 -0.76 0.00	28.96 -0.63 0.00	33.77 -1.23 0.00	34.65 -0.89 0.00	31.82 -0.35 0.00	29.13 -0.29 0.00	38.65 -0.41 0.00	34.85 -0.40 0.00	32.80 0.12 0.00	35.20 0.43 0.00	34.03 0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	58.57 0.94 -44.44	31.32 0.97 -15.71	22.82 1.26 -1.26	22.12 1.31 -0.01	25.92 1.53 0.00	23.84 1.45 0.00	24.42 1.49 0.00	22.50 1.45 0.00	26.57 1.66 -1.12	33.54 1.96 -6.11	34.83 2.53 -0.27	49.78 2.66 -13.80	36.40 2.74 0.00	70.67 1.93 -47.28	72.70 2.40 -40.71	66.30 2.70 -28.58	62.55 2.62 -24.38	47.89 2.21 -13.51	65.66 1.78 -34.45	64.39 2.35 -22.98	40.01 2.30 -2.46	37.09 2.02 -2.40	37.70 2.23 -0.70	36.18 2.13 -0.65
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	3.89 0.77 10.07	11.87 0.80 3.56	21.04 1.02 0.29	21.88 1.09 0.00	25.66 1.27 0.00	23.59 1.19 0.00	24.16 1.23 0.00	22.25 1.20 0.00	24.91 1.37 0.25	25.70 1.62 1.39	34.07 2.10 0.06	32.38 2.18 3.13	35.90 2.23 0.00	13.05 1.57 9.98	21.96 2.04 9.66	30.25 2.34 7.09	31.81 2.31 6.05	30.94 1.99 3.22	23.11 1.61 7.93	36.00 2.08 5.14	36.67 1.98 0.56	33.94 1.70 0.43	37.17 1.88 -0.52	35.67 1.79 -0.48
E179THST_138_KV_TB4_REV_LBMP_J 345001	58.69 1.02 -44.47	31.39 1.03 -15.73	22.88 1.32 -1.26	22.17 1.37 -0.01	25.99 1.60 0.00	23.92 1.52 0.00	24.52 1.59 0.00	22.58 1.53 0.00	26.66 1.76 -1.12	33.61 2.02 -6.12	35.04 2.74 -0.27	49.93 2.80 -13.81	36.60 2.93 0.00	70.90 2.15 -47.29	72.83 2.50 -40.74	66.45 2.84 -28.60	62.72 2.77 -24.40	48.05 2.35 -13.52	65.78 1.89 -34.47	64.61 2.55 -22.99	40.19 2.49 -2.46	37.21 2.13 -2.40	37.83 2.35 -0.70	36.31 2.26 -0.65
E179THST_13_KV_LOAD 356214	58.77 1.10 -44.47	31.48 1.12 -15.73	23.00 1.44 -1.26	22.30 1.49 -0.01	26.14 1.75 0.00	24.04 1.65 0.00	24.65 1.72 0.00	22.71 1.66 0.00	26.81 1.90 -1.12	33.77 2.19 -6.12	35.26 2.96 -0.27	50.17 3.03 -13.81	36.83 3.17 0.00	71.05 2.29 -47.29	73.03 2.70 -40.74	66.66 3.06 -28.60	62.95 3.00 -24.40	48.25 2.56 -13.52	65.97 2.08 -34.47	64.88 2.82 -22.99	40.43 2.72 -2.46	37.43 2.35 -2.40	38.06 2.59 -0.70	36.52 2.47 -0.65

EAST HAMPTON___GT 23717	59.46 2.14 -44.12	32.50 2.26 -15.60	24.56 3.00 -1.25	23.91 3.10 -0.01	27.90 3.51 0.00	25.72 3.32 0.00	26.34 3.41 0.00	24.30 3.25 0.00	28.84 3.94 -1.11	36.69 4.72 -6.51	101.17 5.87 -63.26	133.43 5.94 -94.16	163.80 5.70 -124.43	148.90 4.01 -123.43	253.40 5.08 -218.73	374.66 5.74 -333.91	241.33 5.47 -200.31	180.70 5.33 -143.20	118.14 4.72 -84.00	92.15 6.07 -47.01	43.33 5.64 -2.44	39.97 4.91 -2.39	40.72 5.25 -0.70	39.02 4.97 -0.65
EAST RIVER___6 23660	58.80 1.12 -44.48	31.51 1.15 -15.73	23.04 1.48 -1.26	22.34 1.53 -0.01	26.16 1.77 0.00	24.08 1.68 0.00	24.69 1.75 0.00	22.74 1.69 0.00	26.83 1.92 -1.12	33.78 2.19 -6.12	35.13 2.83 -0.27	50.13 2.99 -13.81	36.76 3.09 0.00	70.98 2.22 -47.30	73.02 2.68 -40.75	66.63 3.01 -28.61	62.91 2.96 -24.40	48.21 2.51 -13.53	65.93 2.03 -34.48	64.79 2.73 -23.00	40.39 2.68 -2.46	37.42 2.34 -2.40	38.05 2.57 -0.70	36.52 2.47 -0.65
EAST RIVER___7 23524	58.80 1.12 -44.48	31.51 1.15 -15.73	23.04 1.48 -1.26	22.34 1.53 -0.01	26.16 1.77 0.00	24.08 1.68 0.00	24.69 1.75 0.00	22.74 1.69 0.00	26.83 1.92 -1.12	33.78 2.19 -6.12	35.13 2.83 -0.27	50.13 2.99 -13.81	36.76 3.09 0.00	70.98 2.22 -47.30	73.02 2.68 -40.75	66.63 3.01 -28.61	62.91 2.96 -24.40	48.21 2.51 -13.53	65.93 2.03 -34.48	64.79 2.73 -23.00	40.39 2.68 -2.46	37.42 2.34 -2.40	38.05 2.57 -0.70	36.52 2.47 -0.65
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	61.36 0.89 -47.27	32.27 0.92 -16.72	22.83 1.18 -1.34	22.05 1.25 -0.01	25.85 1.46 0.00	23.77 1.38 0.00	24.35 1.42 0.00	22.43 1.38 0.00	26.56 1.59 -1.19	33.84 1.86 -6.50	34.74 2.43 -0.28	50.54 2.53 -14.68	36.27 2.60 0.00	71.87 1.85 -48.55	76.31 2.31 -44.42	68.86 2.61 -31.25	64.72 2.52 -26.65	48.81 2.13 -14.50	67.51 1.71 -36.38	65.26 2.23 -23.96	40.04 2.18 -2.61	37.12 1.89 -2.55	37.58 2.11 -0.70	36.07 2.02 -0.65
EAST_HAMPTON___DIESEL 23722	59.46 2.15 -44.12	32.50 2.26 -15.60	24.56 3.00 -1.25	23.91 3.10 -0.01	27.90 3.51 0.00	25.72 3.33 0.00	26.34 3.41 0.00	24.30 3.25 0.00	28.84 3.94 -1.11	36.69 4.72 -6.51	101.18 5.89 -63.26	133.45 5.96 -94.16	163.82 5.73 -124.43	148.91 4.02 -123.43	253.42 5.11 -218.73	374.67 5.75 -333.91	241.34 5.49 -200.30	180.71 5.34 -143.20	118.15 4.73 -84.00	92.16 6.08 -47.01	43.35 5.65 -2.44	39.98 4.92 -2.39	40.72 5.25 -0.70	39.03 4.98 -0.65
EAST_PULASKI___ESR 323781	13.11 -0.09 0.00	14.56 -0.07 0.00	20.20 -0.10 0.00	20.66 -0.13 0.00	25.15 -0.14 -0.90	22.79 -0.13 -0.52	22.84 -0.09 0.00	20.96 -0.09 0.00	23.71 -0.08 0.00	26.15 -0.23 -0.91	31.66 -0.37 0.00	32.82 -0.50 0.00	33.11 -0.56 0.00	21.00 -0.46 0.00	29.00 -0.58 0.00	34.28 -0.73 0.00	34.95 -0.60 0.00	31.85 -0.32 0.00	29.16 -0.26 0.00	38.77 -0.32 -0.03	34.95 -0.30 0.00	32.63 -0.14 -0.10	35.17 -0.07 -0.47	33.33 0.00
EAST_RIVER___1 323558	58.75 1.07 -44.48	31.46 1.09 -15.73	22.97 1.40 -1.26	22.26 1.46 -0.01	26.08 1.69 0.00	24.00 1.60 0.00	24.60 1.67 0.00	22.66 1.61 0.00	26.75 1.84 -1.12	33.73 2.14 -6.12	35.07 2.77 -0.27	50.05 2.91 -13.81	36.68 3.01 0.00	70.90 2.15 -47.30	72.93 2.59 -40.75	66.54 2.92 -28.61	62.79 2.84 -24.40	48.10 2.41 -13.53	65.85 1.95 -34.48	64.65 2.59 -23.00	40.27 2.56 -2.46	37.33 2.25 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
EAST_RIVER___2 323559	58.80 1.12 -44.48	31.51 1.15 -15.73	23.04 1.48 -1.26	22.34 1.53 -0.01	26.16 1.77 0.00	24.08 1.68 0.00	24.69 1.75 0.00	22.74 1.69 0.00	26.83 1.92 -1.12	33.78 2.19 -6.12	35.13 2.83 -0.27	50.13 2.99 -13.81	36.76 3.09 0.00	70.98 2.22 -47.30	73.02 2.68 -40.75	66.63 3.01 -28.61	62.91 2.96 -24.40	48.21 2.51 -13.53	65.93 2.03 -34.48	64.79 2.73 -23.00	40.39 2.68 -2.46	37.42 2.34 -2.40	38.05 2.57 -0.70	36.52 2.47 -0.65
EAST___DELAWARE_HYD 23607	7.51 0.58 6.26	12.99 0.57 2.21	20.84 0.71 0.18	21.53 0.74 0.00	25.26 0.87 0.00	23.23 0.83 0.00	23.79 0.86 0.00	21.92 0.86 0.00	24.64 1.02 0.16	25.86 1.25 0.86	33.56 1.57 0.04	32.92 1.54 1.94	34.43 0.76 0.00	14.13 0.72 8.05	29.99 0.73 0.32	35.84 0.83 0.00	36.30 0.75 0.00	32.11 0.65 0.71	26.54 0.50 3.38	36.78 0.77 3.06	36.54 1.63 0.35	33.79 1.38 0.27	36.61 1.50 -0.34	35.09 1.38 -0.31
EIGHT_POINT___WT_PWR 323820	13.66 0.46 0.00	15.15 0.52 0.00	21.04 0.74 0.00	21.53 0.73 0.00	25.49 0.98 -0.11	23.27 0.81 -0.07	23.84 0.91 0.00	21.73 0.68 0.00	24.61 0.82 0.00	26.08 0.50 -0.11	32.60 0.57 0.00	33.84 0.51 0.00	33.95 0.28 0.00	21.32 -0.14 0.00	29.66 0.07 0.00	34.70 -0.31 0.00	35.69 0.14 0.00	32.68 0.51 0.00	29.90 0.48 0.00	39.75 0.68 0.00	35.79 0.54 0.00	33.52 0.83 -0.01	35.84 1.01 -0.06	34.46 1.05 0.00
ELBRIDGE_115KV_TB2 80188	13.17 -0.03 0.00	14.60 -0.03 0.00	20.24 -0.07 0.00	20.73 -0.07 0.00	24.96 -0.04 -0.61	22.67 -0.08 -0.35	22.90 -0.03 0.00	21.01 -0.04 0.00	23.78 -0.01 0.00	25.94 -0.15 -0.62	31.87 -0.16 0.00	33.14 -0.18 0.00	33.53 -0.14 0.00	21.24 -0.21 0.00	29.39 -0.20 0.00	34.64 -0.37 0.00	35.28 -0.28 0.00	32.10 -0.08 0.00	29.36 -0.06 0.00	38.99 -0.10 -0.02	35.10 -0.15 0.00	32.70 -0.05 -0.07	35.05 -0.04 -0.32	33.37 -0.03 0.00
ELEC_TRO_TEK 24086	58.35 1.04 -44.12	31.31 1.08 -15.60	22.93 1.38 -1.25	22.29 1.49 -0.01	26.07 1.69 0.00	23.99 1.60 0.00	24.55 1.62 0.00	22.65 1.60 0.00	26.76 1.86 -1.11	33.79 2.25 -6.07	42.37 2.86 -7.47	55.57 2.90 -19.35	47.14 3.05 -10.42	77.11 2.19 -53.47	72.59 2.58 -40.43	66.28 2.88 -28.39	62.46 2.70 -24.21	47.94 2.34 -13.44	65.60 1.88 -34.29	64.42 2.46 -22.90	40.22 2.53 -2.44	37.20 2.14 -2.39	37.81 2.34 -0.70	36.32 2.27 -0.65
ELLENBURG_WT_PWR 323604	13.21 0.01 0.00	14.71 0.08 0.00	20.33 0.03 0.00	20.85 0.06 0.00	24.61 0.22 0.00	22.59 0.19 0.00	23.07 0.14 0.00	21.24 0.19 0.00	23.99 0.21 0.00	25.75 0.28 0.00	32.45 0.41 0.00	33.79 0.47 0.00	34.12 0.45 0.00	21.74 0.28 0.00	30.06 0.47 0.00	35.83 0.82 0.00	36.50 0.95 0.00	32.98 0.81 0.00	30.12 0.70 0.00	40.06 1.00 0.00	36.02 0.77 0.00	33.28 0.61 0.00	35.31 0.54 0.00	34.02 0.61 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.45 0.25 0.00	14.83 0.20 0.00	20.69 0.38 0.00	21.18 0.38 0.00	25.04 0.65 0.00	22.83 0.44 0.00	23.53 0.60 0.00	21.25 0.20 0.00	24.09 0.31 0.00	25.06 -0.41 0.00	31.50 -0.53 0.00	32.63 -0.70 0.00	32.75 -0.92 0.00	20.41 -1.05 0.00	28.49 -1.10 0.00	33.20 -1.80 0.00	34.09 -1.46 0.00	31.33 -0.84 0.00	28.71 -0.72 0.00	38.07 -1.00 0.00	34.41 -0.84 0.00	32.34 -0.34 0.00	34.78 0.01 0.00	33.70 0.30 0.00
EMPIRE_CC_1 323656	25.85 0.26 -12.39	19.29 0.28 -4.38	21.06 0.41 -0.35	21.25 0.45 0.00	24.93 0.54 0.00	22.93 0.54 0.00	23.47 0.54 0.00	21.58 0.53 0.00	24.65 0.55 -0.31	27.80 0.63 -1.70	32.94 0.83 -0.07	38.03 0.86 -3.85	34.40 0.73 0.00	38.58 0.57 -16.55	42.30 0.72 -12.00	44.67 0.96 -8.70	43.93 0.96 -7.42	37.28 0.75 -4.35	41.63 0.59 -11.62	47.81 0.73 -8.02	36.65 0.72 -0.68	33.55 0.48 -0.40	33.88 0.53 1.42	32.58 0.49 1.31

EMPIRE_CC_2 323658	25.85 0.26 -12.39	19.29 0.28 -4.38	21.06 0.41 -0.35	21.25 0.45 0.00	24.93 0.54 0.00	22.93 0.54 0.00	23.47 0.54 0.00	21.58 0.53 0.00	24.65 0.55 -0.31	27.80 0.63 -1.70	32.94 0.83 -0.07	38.03 0.86 -3.85	34.40 0.73 0.00	38.58 0.57 -16.55	42.30 0.72 -12.00	44.67 0.96 -8.70	43.93 0.96 -7.42	37.28 0.75 -4.35	41.63 0.59 -11.62	47.81 0.73 -8.02	36.65 0.72 -0.68	33.55 0.48 -0.40	33.88 0.53 1.42	32.58 0.49 1.31
ENORWICH_115KV_TB1 80156	14.26 1.07 0.00	15.77 1.14 0.00	21.85 1.55 0.00	22.36 1.56 0.00	26.50 1.87 -0.24	24.21 1.68 -0.14	24.74 1.81 0.00	22.77 1.71 0.00	25.83 2.05 0.00	27.80 2.10 -0.24	34.65 2.62 0.00	35.92 2.59 0.00	36.14 2.48 0.00	22.93 1.47 0.00	31.75 2.16 0.00	37.64 2.64 0.00	38.36 2.81 0.00	34.98 2.81 0.00	32.12 2.70 0.00	42.63 3.56 -0.01	38.30 3.05 0.00	35.47 2.77 -0.03	37.67 2.78 -0.12	36.04 2.63 0.00
ERIE_ST__34_KV_TB1-2 80199	13.53 0.33 0.00	14.92 0.28 0.00	20.78 0.48 0.00	21.28 0.48 0.00	25.14 0.75 0.00	22.93 0.53 0.00	23.63 0.70 0.00	21.40 0.35 0.00	24.28 0.49 0.00	25.34 -0.13 0.00	31.86 -0.18 0.00	32.97 -0.36 0.00	33.12 -0.55 0.00	20.64 -0.82 0.00	28.83 -0.76 0.00	33.62 -1.39 0.00	34.50 -1.05 0.00	31.67 -0.49 0.00	29.02 -0.41 0.00	38.49 -0.57 0.00	34.76 -0.49 0.00	32.69 0.02 0.00	35.11 0.34 0.00	33.95 0.55 0.00
ERIE_WT_PWR 323693	13.52 0.32 0.00	14.91 0.28 0.00	20.78 0.48 0.00	21.28 0.48 0.00	25.17 0.78 0.00	22.94 0.54 0.00	23.63 0.70 0.00	21.37 0.32 0.00	24.22 0.44 0.00	25.24 -0.23 0.00	31.72 -0.32 0.00	32.85 -0.47 0.00	32.96 -0.71 0.00	20.53 -0.92 0.00	28.71 -0.87 0.00	33.46 -1.55 0.00	34.35 -1.20 0.00	31.56 -0.60 0.00	28.92 -0.50 0.00	38.34 -0.72 0.00	34.65 -0.60 0.00	32.57 -0.11 0.00	34.98 0.22 0.00	33.89 0.49 0.00
ESPRGFLD_115KV_TB1 80157	13.87 0.68 0.00	15.36 0.73 0.00	21.29 0.99 0.00	21.82 1.03 0.00	25.71 1.21 -0.11	23.58 1.12 -0.07	24.04 1.11 0.00	22.14 1.08 0.00	25.05 1.26 0.00	26.95 1.37 -0.11	33.78 1.75 0.00	35.10 1.77 0.00	35.45 1.79 0.00	22.64 1.18 0.00	31.19 1.60 0.00	36.86 1.85 0.00	37.48 1.93 0.00	33.97 1.80 0.00	31.03 1.60 0.00	41.18 2.11 0.00	37.13 1.88 0.00	34.34 1.66 -0.01	36.57 1.74 -0.06	35.02 1.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.54 0.35 0.00	15.02 0.38 0.00	20.81 0.51 0.00	21.30 0.51 0.00	25.34 0.63 -0.32	23.13 0.55 -0.19	23.54 0.61 0.00	21.61 0.56 0.00	24.48 0.69 0.00	26.43 0.63 -0.33	32.81 0.78 0.00	34.07 0.74 0.00	34.39 0.72 0.00	21.79 0.33 0.00	30.17 0.58 0.00	35.60 0.60 0.00	36.28 0.73 0.00	33.05 0.88 0.00	30.26 0.83 0.00	40.18 1.11 -0.01	36.16 0.91 0.00	33.63 0.92 -0.04	35.89 0.95 -0.17	34.28 0.87 0.00
ETNA_____115KV_TB2 80207	13.54 0.35 0.00	15.02 0.38 0.00	20.81 0.51 0.00	21.30 0.51 0.00	25.34 0.63 -0.32	23.13 0.55 -0.19	23.54 0.61 0.00	21.61 0.56 0.00	24.48 0.69 0.00	26.43 0.63 -0.33	32.81 0.78 0.00	34.07 0.74 0.00	34.39 0.72 0.00	21.79 0.33 0.00	30.17 0.58 0.00	35.60 0.60 0.00	36.28 0.73 0.00	33.05 0.88 0.00	30.26 0.83 0.00	40.18 1.11 -0.01	36.16 0.91 0.00	33.63 0.92 -0.04	35.89 0.95 -0.17	34.28 0.87 0.00
EUCLID__115KV_TB2 356179	13.05 -0.15 0.00	14.47 -0.16 0.00	20.09 -0.21 0.00	20.56 -0.24 0.00	24.40 -0.25 -0.26	22.31 -0.24 -0.15	22.72 -0.21 0.00	20.83 -0.22 0.00	23.57 -0.22 0.00	25.40 -0.33 -0.26	31.60 -0.43 0.00	32.84 -0.48 0.00	33.23 -0.44 0.00	21.09 -0.37 0.00	29.13 -0.45 0.00	34.39 -0.62 0.00	35.03 -0.52 0.00	31.82 -0.35 0.00	29.09 -0.33 0.00	38.63 -0.45 -0.01	34.84 -0.41 0.00	32.38 -0.33 -0.03	34.58 -0.33 -0.14	33.09 -0.31 0.00
E_CANADA_CAP_HY 24051	24.36 1.24 -9.92	19.46 1.31 -3.51	22.34 1.76 -0.28	22.50 1.71 0.00	26.41 2.02 0.00	24.20 1.80 0.00	24.86 1.93 0.00	22.80 1.75 0.00	26.06 2.02 -0.25	28.80 1.96 -1.37	34.43 2.34 -0.06	38.66 2.25 -3.08	35.90 2.23 0.00	35.44 1.29 -12.69	41.06 1.88 -9.60	44.20 2.23 -6.97	43.93 2.43 -5.94	38.13 2.54 -3.42	40.97 2.55 -9.01	48.86 3.64 -6.15	39.18 3.38 -0.55	36.06 2.99 -0.39	37.29 3.23 0.71	35.79 3.05 0.65
E_CANADA_MHWK_HY 24050	13.25 0.05 0.00	14.70 0.07 0.00	20.44 0.14 0.00	21.02 0.23 0.00	24.69 0.30 0.00	22.67 0.28 0.00	23.22 0.29 0.00	21.41 0.35 0.00	24.21 0.43 0.00	25.90 0.43 0.00	32.46 0.43 0.00	33.70 0.37 0.00	34.01 0.35 0.00	21.75 0.29 0.00	30.07 0.48 0.00	35.64 0.63 0.00	36.19 0.64 0.00	32.79 0.62 0.00	30.07 0.65 0.00	39.94 0.88 0.00	36.01 0.76 0.00	33.07 0.39 0.00	35.27 0.50 0.00	33.73 0.33 0.00
E_FISHKILL__LBMP 23776	31.24 0.73 -17.32	21.52 0.76 -6.13	21.79 1.00 -0.49	21.86 1.06 0.00	25.62 1.23 0.00	23.57 1.17 0.00	24.13 1.20 0.00	22.22 1.17 0.00	25.55 1.33 -0.44	29.41 1.56 -2.38	34.17 2.03 -0.10	40.83 2.12 -5.38	35.83 2.16 0.00	58.57 1.54 -35.56	48.20 1.93 -16.68	49.01 2.21 -11.79	47.77 2.17 -10.05	40.96 1.82 -6.97	51.69 1.46 -20.80	56.40 1.89 -15.44	38.04 1.84 -0.96	35.25 1.56 -1.01	37.24 1.74 -0.72	35.73 1.66 -0.67
FALCON__SEABRD_CC1 323796	13.35 0.16 0.00	14.87 0.24 0.00	20.56 0.26 0.00	21.10 0.30 0.00	24.90 0.51 0.00	22.88 0.48 0.00	23.39 0.46 0.00	21.54 0.48 0.00	24.31 0.52 0.00	26.04 0.58 0.00	32.78 0.75 0.00	34.14 0.82 0.00	34.47 0.80 0.00	21.97 0.51 0.00	30.40 0.82 0.00	36.27 1.26 0.00	36.98 1.43 0.00	33.43 1.27 0.00	30.49 1.07 0.00	40.54 1.48 0.00	36.44 1.19 0.00	33.64 0.97 0.00	35.70 0.93 0.00	34.38 0.98 0.00
FALCON__SEABRD_CC2 323797	13.35 0.16 0.00	14.87 0.24 0.00	20.56 0.26 0.00	21.10 0.30 0.00	24.90 0.51 0.00	22.88 0.48 0.00	23.39 0.46 0.00	21.54 0.48 0.00	24.31 0.52 0.00	26.04 0.58 0.00	32.78 0.75 0.00	34.14 0.82 0.00	34.47 0.80 0.00	21.97 0.51 0.00	30.40 0.82 0.00	36.27 1.26 0.00	36.98 1.43 0.00	33.43 1.27 0.00	30.49 1.07 0.00	40.54 1.48 0.00	36.44 1.19 0.00	33.64 0.97 0.00	35.70 0.93 0.00	34.38 0.98 0.00
FAR ROCKAWAY__4 23548	58.61 1.30 -44.12	31.59 1.36 -15.60	23.31 1.76 -1.25	22.67 1.87 -0.01	26.53 2.14 0.00	24.42 2.03 0.00	24.99 2.06 0.00	23.05 1.99 0.00	27.14 2.24 -1.11	34.23 2.68 -6.07	42.97 3.46 -7.47	56.25 3.57 -19.35	47.83 3.74 -10.42	77.60 2.67 -53.47	73.21 3.20 -40.43	66.93 3.54 -28.39	63.11 3.35 -24.21	48.53 2.92 -13.44	66.12 2.40 -34.29	65.16 3.20 -22.90	40.85 3.17 -2.44	37.77 2.71 -2.39	38.40 2.93 -0.70	36.88 2.83 -0.65
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	58.73 1.06 -44.48	31.45 1.09 -15.73	22.96 1.40 -1.26	22.26 1.46 -0.01	26.08 1.70 0.00	24.00 1.60 0.00	24.60 1.67 0.00	22.66 1.61 0.00	26.76 1.85 -1.12	33.75 2.16 -6.12	35.08 2.78 -0.27	50.06 2.92 -13.81	36.68 3.02 0.00	70.90 2.15 -47.30	72.94 2.61 -40.75	66.54 2.92 -28.61	62.79 2.84 -24.40	48.10 2.41 -13.52	65.85 1.95 -34.48	64.68 2.62 -23.00	40.28 2.57 -2.46	37.33 2.25 -2.40	37.98 2.50 -0.70	36.43 2.38 -0.65

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	58.75 1.08 -44.48	31.47 1.10 -15.73	22.98 1.42 -1.26	22.28 1.48 -0.01	26.11 1.72 0.00	24.02 1.63 0.00	24.62 1.69 0.00	22.68 1.63 0.00	26.78 1.87 -1.12	33.77 2.18 -6.12	35.11 2.81 -0.27	50.09 2.95 -13.81	36.72 3.05 0.00	70.92 2.17 -47.30	72.97 2.64 -40.75	66.57 2.96 -28.61	62.83 2.88 -24.40	48.14 2.44 -13.52	65.88 1.99 -34.48	64.71 2.66 -23.00	40.31 2.61 -2.46	37.36 2.28 -2.40	38.02 2.54 -0.70	36.47 2.42 -0.65
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	58.73 1.06 -44.48	31.44 1.08 -15.73	22.95 1.39 -1.26	22.25 1.45 -0.01	26.07 1.68 0.00	23.98 1.59 0.00	24.58 1.65 0.00	22.65 1.60 0.00	26.74 1.84 -1.12	33.73 2.14 -6.12	35.06 2.76 -0.27	50.03 2.89 -13.81	36.66 2.99 0.00	70.89 2.14 -47.30	72.92 2.58 -40.75	66.51 2.89 -28.61	62.76 2.81 -24.40	48.07 2.38 -13.52	65.83 1.93 -34.48	64.64 2.58 -23.00	40.25 2.54 -2.46	37.31 2.23 -2.40	37.95 2.48 -0.70	36.42 2.37 -0.65
FARRAGUT___LBMP 323566	58.72 1.04 -44.48	31.43 1.07 -15.73	22.93 1.37 -1.26	22.23 1.43 -0.01	26.05 1.66 0.00	23.96 1.57 0.00	24.56 1.63 0.00	22.63 1.58 0.00	26.72 1.81 -1.12	33.71 2.11 -6.12	35.02 2.72 -0.27	49.99 2.86 -13.81	36.61 2.95 0.00	70.86 2.10 -47.30	72.88 2.55 -40.75	66.48 2.86 -28.61	62.72 2.77 -24.40	48.04 2.34 -13.52	65.79 1.90 -34.48	64.60 2.54 -23.00	40.21 2.50 -2.46	37.27 2.20 -2.40	37.91 2.44 -0.70	36.38 2.33 -0.65
FENNER___WINDPWR 24204	13.49 0.30 0.00	14.96 0.32 0.00	20.74 0.44 0.00	21.23 0.43 0.00	25.18 0.53 -0.25	23.04 0.50 -0.14	23.46 0.53 0.00	21.55 0.49 0.00	24.37 0.59 0.00	26.30 0.58 -0.25	32.74 0.70 0.00	34.03 0.70 0.00	34.38 0.71 0.00	21.85 0.39 0.00	30.14 0.56 0.00	35.62 0.61 0.00	36.30 0.75 0.00	32.97 0.80 0.00	30.20 0.77 0.00	40.11 1.04 -0.01	36.12 0.88 0.00	33.52 0.81 -0.03	35.74 0.84 -0.13	34.16 0.76 0.00
FIBERTEK___ENERGY 23856	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.02 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.34 -0.12 0.00	29.49 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.27 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
FITZPATRICK____ 23598	12.84 -0.35 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.22 -0.57 0.00	20.63 -0.66 3.10	19.98 -0.62 1.80	22.33 -0.60 0.00	20.48 -0.57 0.00	23.16 -0.62 0.00	21.58 -0.75 3.14	31.08 -0.95 0.00	32.32 -1.00 0.00	32.70 -0.97 0.00	20.76 -0.70 0.00	28.69 -0.90 0.00	33.87 -1.14 0.00	34.48 -1.07 0.00	31.29 -0.88 0.00	28.62 -0.80 0.00	37.89 -1.06 0.10	34.28 -0.97 0.00	31.47 -0.85 0.35	32.25 -0.89 1.63	32.56 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	58.68 1.37 -44.12	31.67 1.44 -15.60	23.43 1.88 -1.25	22.77 1.96 -0.01	26.59 2.20 0.00	24.51 2.11 0.00	25.06 2.14 0.00	23.12 2.07 0.00	27.35 2.45 -1.11	35.02 3.02 -6.53	112.50 3.82 -76.65	161.93 3.79 -124.81	208.85 3.92 -171.26	176.36 2.73 -152.17	324.84 3.28 -291.98	498.10 3.68 -459.42	324.88 3.35 -285.98	231.84 2.99 -196.69	136.31 2.47 -104.42	99.15 3.16 -56.92	40.88 3.18 -2.45	37.73 2.67 -2.39	38.46 2.98 -0.70	37.02 2.97 -0.65
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	14.11 0.92 0.00	15.60 0.97 0.00	21.57 1.26 0.00	22.12 1.33 0.00	25.95 1.55 0.00	23.86 1.46 0.00	24.45 1.52 0.00	22.51 1.46 0.00	25.47 1.68 0.00	27.42 1.95 0.00	34.56 2.52 0.00	35.97 2.65 0.00	36.38 2.71 0.00	35.49 1.89 -12.14	32.53 2.46 -0.48	37.87 2.86 0.00	38.43 2.88 0.00	35.71 2.50 -1.05	36.42 2.05 -4.95	46.18 2.64 -4.48	37.73 2.48 0.00	34.91 2.15 -0.09	37.63 2.32 -0.53	36.08 2.19 -0.49
FORT ORANGE____ 23900	23.62 0.22 -10.21	18.47 0.23 -3.61	20.92 0.33 -0.29	21.31 0.51 0.00	25.02 0.63 0.00	23.02 0.62 0.00	23.54 0.61 0.00	21.66 0.61 0.00	24.68 0.63 -0.26	27.56 0.68 -1.40	32.99 0.90 -0.06	37.45 0.96 -3.17	34.56 0.89 0.00	35.18 0.69 -13.03	40.37 0.92 -9.87	43.32 1.15 -7.16	42.83 1.16 -6.11	36.71 1.02 -3.52	39.57 0.89 -9.26	46.55 1.17 -6.32	36.92 1.10 -0.56	33.93 0.85 -0.40	34.92 0.89 0.74	33.52 0.80 0.68
FORT_DRUM_COGEN 23780	13.43 0.23 0.00	14.93 0.30 0.00	20.73 0.42 0.00	21.19 0.40 0.00	25.32 0.47 -0.45	23.10 0.44 -0.26	23.43 0.50 0.00	21.52 0.47 0.00	24.35 0.56 0.00	26.29 0.36 -0.46	32.20 0.17 0.00	33.25 -0.08 0.00	33.50 -0.16 0.00	21.27 -0.19 0.00	29.41 -0.18 0.00	34.93 -0.08 0.00	35.97 0.42 0.00	32.95 0.78 0.00	30.30 0.88 0.00	40.31 1.23 -0.02	36.26 1.01 0.00	33.64 0.91 -0.05	35.94 0.93 -0.24	34.32 0.91 0.00
FPL_FAR_ROCK_GT1 24212	58.62 1.30 -44.12	31.59 1.36 -15.60	23.31 1.76 -1.25	22.67 1.87 -0.01	26.52 2.13 0.00	24.42 2.03 0.00	24.99 2.06 0.00	23.05 1.99 0.00	27.14 2.24 -1.11	34.22 2.68 -6.07	42.97 3.47 -7.47	56.25 3.57 -19.35	47.82 3.74 -10.42	77.61 2.68 -53.47	73.21 3.19 -40.43	66.93 3.54 -28.39	63.10 3.34 -24.21	48.53 2.92 -13.44	66.12 2.40 -34.29	65.16 3.20 -22.90	40.85 3.17 -2.44	37.76 2.70 -2.39	38.40 2.93 -0.70	36.87 2.82 -0.65
FPL_FAR_ROCK_GT2 23815	58.62 1.30 -44.12	31.59 1.36 -15.60	23.31 1.76 -1.25	22.67 1.87 -0.01	26.52 2.13 0.00	24.42 2.03 0.00	24.99 2.06 0.00	23.05 1.99 0.00	27.14 2.24 -1.11	34.22 2.68 -6.07	42.97 3.47 -7.47	56.25 3.57 -19.35	47.82 3.74 -10.42	77.61 2.68 -53.47	73.21 3.19 -40.43	66.93 3.54 -28.39	63.10 3.34 -24.21	48.53 2.92 -13.44	66.12 2.40 -34.29	65.16 3.20 -22.90	40.85 3.17 -2.44	37.76 2.70 -2.39	38.40 2.93 -0.70	36.87 2.82 -0.65
FRANKLIN_FALL_HYD 24054	13.24 0.04 0.00	14.72 0.09 0.00	20.36 0.06 0.00	20.86 0.07 0.00	24.58 0.18 0.00	22.55 0.15 0.00	23.03 0.10 0.00	21.21 0.16 0.00	23.95 0.17 0.00	25.70 0.23 0.00	32.34 0.31 0.00	33.63 0.30 0.00	33.94 0.28 0.00	21.63 0.17 0.00	29.91 0.32 0.00	35.64 0.63 0.00	36.30 0.75 0.00	32.83 0.66 0.00	30.06 0.64 0.00	40.02 0.95 0.00	36.00 0.74 0.00	33.28 0.60 0.00	35.29 0.52 0.00	34.04 0.64 0.00
FREEPORT_EQUS_GT1 23764	58.51 1.20 -44.12	31.46 1.22 -15.60	23.13 1.58 -1.25	22.50 1.70 -0.01	26.31 1.92 0.00	24.22 1.82 0.00	24.78 1.85 0.00	22.86 1.81 0.00	27.01 2.11 -1.11	34.11 2.57 -6.07	42.76 3.25 -7.47	55.81 3.14 -19.35	47.36 3.27 -10.42	77.30 2.37 -53.47	72.80 2.79 -40.43	66.51 3.12 -28.39	62.66 2.90 -24.21	48.11 2.51 -13.44	65.77 2.05 -34.29	64.63 2.67 -22.90	40.59 2.90 -2.44	37.57 2.51 -2.39	38.21 2.74 -0.70	36.69 2.64 -0.65
FREEPORT___CT2 23818	58.51 1.20 -44.12	31.46 1.22 -15.60	23.13 1.58 -1.25	22.50 1.70 -0.01	26.31 1.92 0.00	24.22 1.82 0.00	24.78 1.85 0.00	22.86 1.81 0.00	27.01 2.11 -1.11	34.11 2.57 -6.07	42.76 3.25 -7.47	55.81 3.14 -19.35	47.36 3.27 -10.42	77.30 2.37 -53.47	72.80 2.79 -40.43	66.51 3.12 -28.39	62.66 2.90 -24.21	48.11 2.51 -13.44	65.77 2.05 -34.29	64.63 2.67 -22.90	40.59 2.90 -2.44	37.57 2.51 -2.39	38.21 2.74 -0.70	36.69 2.64 -0.65

FRESHKLS_33_KV_LOAD 356253	26.89 0.98 -12.72	26.71 1.01 -11.07	22.88 1.32 -1.26	22.18 1.37 -0.01	26.04 1.65 0.00	23.96 1.56 0.00	24.57 1.64 0.00	22.63 1.58 0.00	26.76 1.86 -1.12	33.77 2.14 -6.16	36.95 2.73 -2.19	404.14 2.86 -367.96	79.44 3.01 -42.76	106.27 2.26 -82.55	72.90 2.57 -40.74	66.61 3.00 -28.60	62.88 2.94 -24.40	48.09 2.40 -13.52	65.84 1.94 -34.47	67.80 2.56 -26.17	46.26 2.52 -8.48	47.29 2.25 -12.37	38.28 2.56 -0.94	36.65 2.47 -0.78
FULTON COGEN____ 23766	13.03 -0.16 0.00	14.46 -0.17 0.00	20.07 -0.23 0.00	20.53 -0.26 0.00	25.11 -0.29 -1.02	22.72 -0.27 -0.59	22.69 -0.24 0.00	20.81 -0.24 0.00	23.52 -0.26 0.00	26.16 -0.34 -1.03	31.61 -0.42 0.00	32.85 -0.48 0.00	33.18 -0.48 0.00	21.06 -0.40 0.00	29.09 -0.49 0.00	34.34 -0.67 0.00	34.97 -0.58 0.00	31.77 -0.40 0.00	29.04 -0.39 0.00	38.60 -0.50 -0.03	34.80 -0.45 0.00	32.43 -0.36 -0.11	34.96 -0.35 -0.54	33.06 -0.34 0.00
FULTON____LFGE 323630	24.79 1.67 -9.92	19.94 1.80 -3.51	22.98 2.40 -0.28	23.16 2.37 0.00	27.20 2.81 0.00	24.97 2.57 0.00	25.66 2.73 0.00	23.43 2.38 0.00	26.77 2.73 -0.25	28.96 2.13 -1.37	34.05 1.96 -0.06	37.85 1.45 -3.08	35.37 1.70 0.00	33.91 -0.23 -12.69	39.92 0.74 -9.60	44.52 2.54 -6.97	44.00 2.51 -5.94	38.60 3.01 -3.42	42.35 3.93 -9.01	50.71 5.50 -6.15	40.85 5.05 -0.55	37.53 4.46 -0.39	38.71 4.65 0.71	36.98 4.23 0.65
G.F.CEMENT____DRP 24184	24.21 0.80 -10.22	19.10 0.85 -3.61	21.75 1.16 -0.29	22.00 1.20 0.00	25.83 1.44 0.00	23.77 1.37 0.00	24.40 1.47 0.00	22.52 1.47 0.00	25.72 1.67 -0.26	28.56 1.68 -1.41	34.05 1.96 -0.06	38.55 2.05 -3.17	35.59 1.92 0.00	35.96 1.37 -13.13	41.05 1.58 -9.89	44.26 2.08 -7.18	43.94 2.27 -6.12	37.72 2.02 -3.53	40.64 1.89 -9.32	48.17 2.73 -6.38	38.41 2.59 -0.57	35.18 2.13 -0.38	36.06 2.17 0.88	34.35 1.76 0.81
GARDENVILLE____LBMP 24039	13.47 0.28 0.00	14.86 0.23 0.00	20.72 0.41 0.00	21.21 0.42 0.00	25.08 0.69 0.00	22.87 0.47 0.00	23.57 0.63 0.00	21.30 0.25 0.00	24.15 0.37 0.00	25.16 -0.31 0.00	31.62 -0.41 0.00	32.73 -0.60 0.00	32.86 -0.81 0.00	20.49 -0.97 0.00	28.60 -0.99 0.00	33.35 -1.66 0.00	34.22 -1.33 0.00	31.45 -0.72 0.00	28.81 -0.61 0.00	38.21 -0.85 0.00	34.51 -0.74 0.00	32.45 -0.22 0.00	34.88 0.11 0.00	33.79 0.38 0.00
GARDNVLA_35_KV_LD 355827	13.53 0.34 0.00	14.93 0.29 0.00	20.80 0.50 0.00	21.30 0.50 0.00	25.17 0.78 0.00	22.95 0.56 0.00	23.66 0.73 0.00	21.39 0.34 0.00	24.25 0.46 0.00	25.25 -0.22 0.00	31.75 -0.29 0.00	32.88 -0.44 0.00	33.01 -0.66 0.00	20.57 -0.89 0.00	28.72 -0.86 0.00	33.49 -1.52 0.00	34.38 -1.17 0.00	31.59 -0.58 0.00	28.94 -0.48 0.00	38.39 -0.68 0.00	34.69 -0.56 0.00	32.60 -0.07 0.00	35.03 0.26 0.00	33.92 0.52 0.00
GELCKHM__115KV_LOAD 80723	13.11 -0.08 0.00	14.54 -0.09 0.00	20.18 -0.13 0.00	20.64 -0.15 0.00	24.61 -0.15 -0.37	22.46 -0.15 -0.21	22.81 -0.12 0.00	20.92 -0.13 0.00	23.67 -0.12 0.00	25.63 -0.22 -0.37	31.75 -0.28 0.00	33.00 -0.32 0.00	33.38 -0.28 0.00	21.18 -0.28 0.00	29.26 -0.32 0.00	34.54 -0.47 0.00	35.19 -0.36 0.00	31.97 -0.20 0.00	29.23 -0.19 0.00	38.82 -0.26 -0.01	35.01 -0.24 0.00	32.54 -0.18 -0.04	34.79 -0.18 -0.19	33.23 -0.17 0.00
GENERAL____MILLS 23808	13.50 0.31 0.00	14.90 0.27 0.00	20.76 0.46 0.00	21.26 0.46 0.00	25.13 0.74 0.00	22.92 0.52 0.00	23.61 0.68 0.00	21.35 0.30 0.00	24.20 0.42 0.00	25.21 -0.26 0.00	31.68 -0.35 0.00	32.81 -0.51 0.00	32.94 -0.73 0.00	20.53 -0.93 0.00	28.67 -0.92 0.00	33.42 -1.59 0.00	34.31 -1.24 0.00	31.52 -0.65 0.00	28.88 -0.54 0.00	38.31 -0.76 0.00	34.61 -0.64 0.00	32.53 -0.14 0.00	34.96 0.19 0.00	33.85 0.45 0.00
GE_PLASTICS____DRP 24183	23.63 0.30 -10.14	18.54 0.32 -3.59	21.04 0.45 -0.29	21.32 0.52 0.00	25.02 0.63 0.00	23.00 0.61 0.00	23.51 0.58 0.00	21.63 0.58 0.00	24.65 0.61 -0.26	27.56 0.69 -1.40	33.00 0.91 -0.06	37.43 0.96 -3.15	34.58 0.91 0.00	35.03 0.68 -12.89	40.27 0.88 -9.80	43.20 1.08 -7.12	42.71 1.09 -6.07	36.58 0.93 -3.49	39.33 0.76 -9.15	46.28 0.97 -6.24	36.74 0.93 -0.56	33.82 0.73 -0.42	34.96 0.80 0.61	33.58 0.73 0.56
GILBOA____1 23756	19.92 0.38 -6.35	17.34 0.46 -2.25	21.17 0.69 -0.18	21.54 0.74 0.00	25.27 0.88 0.00	23.22 0.82 0.00	23.60 0.67 0.00	21.71 0.65 0.00	24.68 0.73 -0.16	27.18 0.84 -0.87	33.16 1.09 -0.04	36.41 1.12 -1.97	34.77 1.10 0.00	29.54 0.78 -7.30	30.93 1.01 -0.34	36.19 1.18 0.00	36.73 1.18 0.00	33.82 1.01 -0.64	33.27 0.82 -3.03	42.85 1.06 -2.73	36.61 1.01 -0.35	33.87 0.87 -0.33	35.75 0.98 0.00	34.32 0.92 0.00
GILBOA____2 23757	19.92 0.38 -6.35	17.34 0.46 -2.25	21.17 0.69 -0.18	21.54 0.74 0.00	25.27 0.88 0.00	23.22 0.82 0.00	23.60 0.67 0.00	21.71 0.65 0.00	24.68 0.73 -0.16	27.18 0.84 -0.87	33.16 1.09 -0.04	36.41 1.12 -1.97	34.77 1.10 0.00	29.54 0.78 -7.30	30.93 1.01 -0.34	36.19 1.18 0.00	36.73 1.18 0.00	33.82 1.01 -0.64	33.27 0.82 -3.03	42.85 1.06 -2.73	36.61 1.01 -0.35	33.87 0.87 -0.33	35.75 0.98 0.00	34.32 0.92 0.00
GILBOA____3 23758	19.92 0.38 -6.35	17.34 0.46 -2.25	21.17 0.69 -0.18	21.54 0.74 0.00	25.27 0.88 0.00	23.22 0.82 0.00	23.60 0.67 0.00	21.71 0.65 0.00	24.68 0.73 -0.16	27.18 0.84 -0.87	33.16 1.09 -0.04	36.41 1.12 -1.97	34.77 1.10 0.00	29.54 0.78 -7.30	30.93 1.01 -0.34	36.19 1.18 0.00	36.73 1.18 0.00	33.82 1.01 -0.64	33.27 0.82 -3.03	42.85 1.06 -2.73	36.61 1.01 -0.35	33.87 0.87 -0.33	35.75 0.98 0.00	34.32 0.92 0.00
GILBOA____4 23759	19.92 0.38 -6.35	17.34 0.46 -2.25	21.17 0.69 -0.18	21.54 0.74 0.00	25.27 0.88 0.00	23.22 0.82 0.00	23.60 0.67 0.00	21.71 0.65 0.00	24.68 0.73 -0.16	27.18 0.84 -0.87	33.16 1.09 -0.04	36.41 1.12 -1.97	34.77 1.10 0.00	29.54 0.78 -7.30	30.93 1.01 -0.34	36.19 1.18 0.00	36.73 1.18 0.00	33.82 1.01 -0.64	33.27 0.82 -3.03	42.85 1.06 -2.73	36.61 1.01 -0.35	33.87 0.87 -0.33	35.75 0.98 0.00	34.32 0.92 0.00
GILBOA____ 23599	19.92 0.38 -6.35	17.34 0.46 -2.25	21.17 0.69 -0.18	21.54 0.74 0.00	25.27 0.88 0.00	23.22 0.82 0.00	23.60 0.67 0.00	21.71 0.65 0.00	24.68 0.73 -0.16	27.18 0.84 -0.87	33.16 1.09 -0.04	36.41 1.11 -1.97	34.77 1.10 0.00	29.54 0.78 -7.30	30.93 1.01 -0.34	36.19 1.18 0.00	36.73 1.18 0.00	33.82 1.01 -0.64	33.27 0.82 -3.03	42.86 1.06 -2.73	36.61 1.01 -0.35	33.88 0.88 -0.33	35.75 0.98 0.00	34.32 0.92 0.00
GINNA____ 23603	12.77 -0.43 0.00	14.11 -0.52 0.00	19.61 -0.69 0.00	20.06 -0.74 0.00	23.63 -0.76 0.00	21.63 -0.76 0.00	22.25 -0.68 0.00	20.27 -0.78 0.00	22.98 -0.81 0.00	24.24 -1.23 0.00	30.48 -1.55 0.00	32.16 -1.16 0.00	33.85 0.18 0.00	21.29 -0.17 0.00	29.52 -0.06 0.00	34.66 -0.35 0.00	35.43 -0.12 0.00	32.37 0.20 0.00	29.64 0.21 0.00	39.35 0.28 0.00	35.53 0.28 0.00	33.12 0.44 0.00	35.39 0.62 0.00	34.10 0.70 0.00

GLEN PARK____ 23778	13.52 0.33 0.00	15.03 0.39 0.00	20.85 0.54 0.00	21.31 0.52 0.00	25.48 0.62 -0.48	23.25 0.58 -0.28	23.57 0.64 0.00	21.65 0.60 0.00	24.49 0.71 0.00	26.42 0.47 -0.48	32.29 0.26 0.00	33.32 -0.01 0.00	33.57 -0.10 0.00	21.30 -0.16 0.00	29.46 -0.12 0.00	35.02 0.01 0.00	36.15 0.60 0.00	33.17 1.00 0.00	30.51 1.09 0.00	40.62 1.54 -0.02	36.53 1.28 0.00	33.89 1.16 -0.05	36.19 1.17 -0.25	34.53 1.13 0.00
GLENDALDE_27_KV_LOAD 356172	58.79 1.13 -44.47	31.51 1.16 -15.73	23.05 1.48 -1.26	22.35 1.54 -0.01	26.19 1.80 0.00	24.09 1.70 0.00	24.70 1.77 0.00	22.76 1.71 0.00	26.88 1.97 -1.12	33.88 2.28 -6.12	35.33 3.03 -0.27	50.29 3.16 -13.81	36.94 3.27 0.00	71.09 2.34 -47.29	73.08 2.76 -40.74	66.70 3.09 -28.60	62.97 3.02 -24.40	48.26 2.57 -13.52	65.99 2.10 -34.47	64.88 2.82 -22.99	40.51 2.80 -2.46	37.59 2.51 -2.40	38.24 2.77 -0.70	36.69 2.64 -0.65
GLENWOOD_IC_1_G5 23712	58.40 1.08 -44.12	31.36 1.12 -15.60	23.00 1.44 -1.25	22.34 1.54 -0.01	26.16 1.76 0.00	24.06 1.67 0.00	24.64 1.71 0.00	22.72 1.67 0.00	26.83 1.93 -1.11	33.69 2.15 -6.07	42.31 2.80 -7.47	55.57 2.90 -19.35	47.14 3.05 -10.42	77.12 2.19 -53.47	72.66 2.65 -40.43	66.36 2.97 -28.39	62.56 2.80 -24.21	48.00 2.39 -13.44	65.65 1.93 -34.29	64.46 2.50 -22.90	40.19 2.51 -2.44	37.19 2.13 -2.39	37.77 2.30 -0.70	36.28 2.23 -0.65
GLENWOOD_IC_2_G1 23688	58.32 1.01 -44.12	31.28 1.04 -15.60	22.89 1.34 -1.25	22.23 1.43 -0.01	26.02 1.63 0.00	23.95 1.55 0.00	24.52 1.59 0.00	22.60 1.55 0.00	26.68 1.79 -1.11	33.65 2.10 -6.07	42.24 2.73 -7.47	55.51 2.83 -19.35	47.04 2.95 -10.42	77.03 2.11 -53.47	72.57 2.56 -40.43	66.27 2.88 -28.39	62.51 2.75 -24.21	47.96 2.35 -13.44	65.62 1.91 -34.29	64.45 2.49 -22.90	40.15 2.47 -2.44	37.18 2.12 -2.39	37.79 2.32 -0.70	36.28 2.23 -0.65
GLENWOOD_IC_3_G1 23689	58.32 1.01 -44.12	31.28 1.04 -15.60	22.89 1.34 -1.25	22.23 1.43 -0.01	26.02 1.63 0.00	23.95 1.55 0.00	24.52 1.59 0.00	22.60 1.55 0.00	26.68 1.79 -1.11	33.65 2.10 -6.07	42.24 2.73 -7.47	55.51 2.83 -19.35	47.04 2.95 -10.42	77.03 2.11 -53.47	72.57 2.56 -40.43	66.27 2.88 -28.39	62.51 2.75 -24.21	47.96 2.35 -13.44	65.62 1.91 -34.29	64.45 2.49 -22.90	40.15 2.47 -2.44	37.18 2.12 -2.39	37.79 2.32 -0.70	36.28 2.23 -0.65
GLENWOOD____4 23550	58.40 1.08 -44.12	31.36 1.12 -15.60	23.00 1.44 -1.25	22.34 1.54 -0.01	26.16 1.76 0.00	24.06 1.67 0.00	24.64 1.71 0.00	22.72 1.67 0.00	26.83 1.93 -1.11	33.75 2.21 -6.07	42.40 2.89 -7.47	55.65 2.98 -19.35	47.22 3.13 -10.42	77.16 2.23 -53.47	72.73 2.72 -40.43	66.44 3.05 -28.39	62.66 2.89 -24.21	48.09 2.48 -13.44	65.71 2.00 -34.29	64.57 2.61 -22.90	40.28 2.59 -2.44	37.28 2.21 -2.39	37.86 2.39 -0.70	36.36 2.31 -0.65
GLENWOOD____5 23614	58.40 1.08 -44.12	31.36 1.12 -15.60	23.00 1.44 -1.25	22.34 1.54 -0.01	26.16 1.76 0.00	24.06 1.67 0.00	24.64 1.71 0.00	22.72 1.67 0.00	26.83 1.93 -1.11	33.75 2.21 -6.07	42.40 2.89 -7.47	55.65 2.98 -19.35	47.22 3.13 -10.42	77.16 2.23 -53.47	72.73 2.72 -40.43	66.44 3.05 -28.39	62.66 2.89 -24.21	48.09 2.48 -13.44	65.71 2.00 -34.29	64.57 2.61 -22.90	40.28 2.59 -2.44	37.28 2.21 -2.39	37.86 2.39 -0.70	36.36 2.31 -0.65
GLOBAL GREEN_PORT_GT1 23814	59.40 2.09 -44.12	32.44 2.20 -15.60	24.48 2.93 -1.25	23.83 3.03 -0.01	27.81 3.42 0.00	25.64 3.24 0.00	26.26 3.32 0.00	24.22 3.17 0.00	28.74 3.84 -1.11	36.57 4.60 -6.51	101.07 5.77 -63.26	133.28 5.77 -94.18	163.44 5.31 -124.46	148.66 3.75 -123.45	253.06 4.69 -218.78	374.29 5.29 -334.00	240.96 5.03 -200.38	180.57 5.16 -143.24	118.06 4.63 -84.01	92.05 5.97 -47.02	43.26 5.57 -2.44	39.88 4.82 -2.39	40.60 5.12 -0.70	38.91 4.86 -0.65
GLOBE____DSASP 323697	13.22 0.03 0.00	14.60 -0.04 0.00	20.39 0.08 0.00	20.87 0.08 0.00	24.71 0.32 0.00	22.51 0.12 0.00	23.19 0.26 0.00	20.88 -0.17 0.00	23.64 -0.14 0.00	24.49 -0.98 0.00	30.78 -1.25 0.00	31.89 -1.43 0.00	31.78 -1.88 0.00	19.80 -1.66 0.00	27.61 -1.98 0.00	32.14 -2.87 0.00	32.99 -2.56 0.00	30.39 -1.78 0.00	27.85 -1.58 0.00	36.84 -2.22 0.00	33.25 -2.00 0.00	31.24 -1.44 0.00	33.70 -1.07 0.00	32.92 -0.48 0.00
GOETHSLN____LBMP 323567	26.91 0.98 -12.73	26.69 0.99 -11.07	22.81 1.25 -1.26	22.11 1.31 -0.01	25.91 1.52 0.00	23.83 1.44 0.00	24.43 1.50 0.00	22.51 1.46 0.00	26.58 1.67 -1.12	33.38 1.96 -5.95	34.85 2.55 -0.27	49.79 2.66 -13.81	36.44 2.78 0.00	51.07 2.00 -27.61	72.72 2.39 -40.75	66.30 2.68 -28.61	62.53 2.58 -24.40	47.86 2.16 -13.52	65.62 1.72 -34.48	64.37 2.31 -23.00	40.01 2.31 -2.46	37.09 2.01 -2.40	37.72 2.24 -0.70	36.19 2.14 -0.65
GOLAH____69_KV_TB 1_2 80279	13.54 0.35 0.00	14.94 0.31 0.00	20.84 0.53 0.00	21.35 0.55 0.00	25.23 0.84 0.00	23.07 0.67 0.00	23.74 0.80 0.00	21.53 0.48 0.00	24.31 0.52 0.00	25.50 0.03 0.00	32.05 0.02 0.00	33.33 0.00 0.00	33.79 0.13 0.00	21.23 -0.23 0.00	29.45 -0.14 0.00	34.49 -0.52 0.00	35.36 -0.19 0.00	32.37 0.20 0.00	29.65 0.23 0.00	39.35 0.28 0.00	35.56 0.31 0.00	33.22 0.54 0.00	35.55 0.78 0.00	34.32 0.92 0.00
GOODYEAR_LAKE_HYD 323669	13.78 0.59 0.00	15.27 0.63 0.00	21.17 0.87 0.00	21.70 0.90 0.00	25.57 1.07 -0.11	23.44 0.98 -0.07	23.90 0.97 0.00	21.99 0.94 0.00	24.87 1.09 0.00	26.78 1.19 -0.11	33.56 1.53 0.00	34.88 1.56 0.00	35.23 1.56 0.00	22.50 1.04 0.00	30.99 1.40 0.00	36.63 1.62 0.00	37.22 1.67 0.00	33.72 1.55 0.00	30.78 1.36 0.00	40.85 1.78 0.00	36.85 1.60 0.00	34.10 1.41 -0.01	36.32 1.49 -0.06	34.79 1.39 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.42 0.23 0.00	14.90 0.27 0.00	20.66 0.36 0.00	21.16 0.37 0.00	25.06 0.45 -0.22	22.92 0.39 -0.12	23.35 0.42 0.00	21.43 0.38 0.00	24.26 0.48 0.00	26.11 0.42 -0.22	32.52 0.49 0.00	33.73 0.41 0.00	34.05 0.38 0.00	21.60 0.14 0.00	29.91 0.33 0.00	35.26 0.25 0.00	35.94 0.39 0.00	32.65 0.48 0.00	29.84 0.42 0.00	39.64 0.57 -0.01	35.65 0.40 0.00	33.24 0.54 -0.03	35.47 0.59 -0.11	33.94 0.54 0.00
GOUDEY____7 23579	13.43 0.24 0.00	14.92 0.29 0.00	20.68 0.38 0.00	21.18 0.39 0.00	25.08 0.47 -0.22	22.94 0.42 -0.12	23.37 0.44 0.00	21.45 0.40 0.00	24.28 0.50 0.00	26.14 0.44 -0.22	32.55 0.52 0.00	33.77 0.44 0.00	34.09 0.42 0.00	21.61 0.15 0.00	29.95 0.36 0.00	35.30 0.29 0.00	35.98 0.43 0.00	32.69 0.52 0.00	29.88 0.46 0.00	39.70 0.63 -0.01	35.69 0.44 0.00	33.27 0.57 -0.03	35.51 0.62 -0.11	33.98 0.57 0.00
GOUDEY____8 23580	13.42 0.23 0.00	14.90 0.27 0.00	20.66 0.36 0.00	21.16 0.37 0.00	25.06 0.45 -0.22	22.92 0.39 -0.12	23.35 0.42 0.00	21.43 0.38 0.00	24.26 0.48 0.00	26.11 0.42 -0.22	32.52 0.49 0.00	33.73 0.41 0.00	34.05 0.38 0.00	21.60 0.14 0.00	29.91 0.33 0.00	35.26 0.25 0.00	35.94 0.39 0.00	32.65 0.48 0.00	29.84 0.42 0.00	39.64 0.57 -0.01	35.65 0.40 0.00	33.24 0.54 -0.03	35.47 0.59 -0.11	33.94 0.54 0.00

GOWANUS_GT1_1 24077	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT1_2 24078	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT1_3 24079	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT1_4 24080	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT1_5 24084	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT1_6 24111	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT1_7 24112	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.42 2.71 -0.94	36.79 2.61 -0

GOWANUS_GT2_8 24121	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT3_1 24122	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT3_2 24123	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT3_3 24124	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT3_4 24125	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT3_5 24126	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT3_6 24127	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0

GOWANUS_GT4_7 24136	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.93 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GOWANUS_GT4_8 24137	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.93 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GREENBSH_115KV_TB3 55895	23.87 0.22 -10.45	18.56 0.24 -3.70	20.93 0.33 -0.30	21.21 0.41 0.00	24.88 0.49 0.00	22.89 0.49 0.00	23.41 0.48 0.00	21.53 0.48 0.00	24.54 0.49 -0.26	27.48 0.57 -1.44	32.86 0.76 -0.06	37.39 0.82 -3.25	34.42 0.75 0.00	35.48 0.60 -13.42	40.46 0.76 -10.11	43.31 0.97 -7.34	42.77 0.96 -6.26	36.59 0.81 -3.61	39.59 0.66 -9.51	46.40 0.83 -6.50	36.62 0.79 -0.58	33.66 0.58 -0.41	34.60 0.62 0.79	33.24 0.56 0.72
GREENDGE_115KV_TB5 80291	13.52 0.32 0.00	14.99 0.35 0.00	20.79 0.48 0.00	21.27 0.47 0.00	25.18 0.62 -0.18	23.03 0.53 -0.10	23.57 0.64 0.00	21.55 0.50 0.00	24.42 0.64 0.00	26.09 0.44 -0.18	32.54 0.51 0.00	33.71 0.39 0.00	34.11 0.44 0.00	21.48 0.02 0.00	29.82 0.23 0.00	34.97 -0.04 0.00	35.83 0.28 0.00	32.70 0.53 0.00	29.95 0.53 0.00	39.83 0.76 -0.01	35.77 0.52 0.00	33.38 0.69 -0.02	35.60 0.74 -0.09	34.12 0.71 0.00
GREENIDGE___3 23582	13.52 0.32 0.00	14.99 0.35 0.00	20.79 0.48 0.00	21.27 0.47 0.00	25.18 0.62 -0.18	23.03 0.53 -0.10	23.57 0.64 0.00	21.55 0.50 0.00	24.42 0.64 0.00	26.09 0.44 -0.18	32.54 0.51 0.00	33.71 0.39 0.00	34.11 0.44 0.00	21.48 0.02 0.00	29.82 0.23 0.00	34.97 -0.04 0.00	35.83 0.28 0.00	32.70 0.53 0.00	29.95 0.53 0.00	39.83 0.76 -0.01	35.77 0.52 0.00	33.38 0.69 -0.02	35.60 0.74 -0.09	34.12 0.71 0.00
GREENIDGE___4 23583	13.52 0.32 0.00	14.99 0.35 0.00	20.79 0.48 0.00	21.27 0.47 0.00	25.19 0.62 -0.18	23.03 0.53 -0.10	23.57 0.64 0.00	21.56 0.50 0.00	24.42 0.64 0.00	26.09 0.44 -0.18	32.53 0.50 0.00	33.72 0.39 0.00	34.11 0.44 0.00	21.48 0.02 0.00	29.82 0.23 0.00	34.98 -0.03 0.00	35.82 0.27 0.00	32.70 0.53 0.00	29.96 0.53 0.00	39.83 0.76 -0.01	35.77 0.52 0.00	33.39 0.69 -0.02	35.60 0.73 -0.09	34.11 0.71 0.00
GREENLWN_69_KV_BK 3 55738	58.40 1.08 -44.12	31.39 1.15 -15.60	23.04 1.49 -1.25	22.41 1.60 -0.01	26.19 1.80 0.00	24.13 1.73 0.00	24.66 1.73 0.00	22.74 1.69 0.00	26.87 1.97 -1.11	33.98 2.45 -6.06	35.70 3.15 -0.51	39.32 3.19 -2.80	22.17 3.36 14.86	61.83 2.42 -37.95	33.30 2.82 -0.89	-1.17 3.18 39.36	16.02 2.87 22.41	19.22 2.48 15.44	54.67 1.98 -23.27	59.12 2.51 -17.55	40.22 2.54 -2.44	37.22 2.16 -2.39	37.90 2.42 -0.70	36.39 2.34 -0.65
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
GRISSOM___SOLAR 323813	24.79 1.67 -9.92	19.94 1.80 -3.51	22.98 2.40 -0.28	23.16 2.37 0.00	27.20 2.81 0.00	24.97 2.57 0.00	25.66 2.73 0.00	23.43 2.38 0.00	26.77 2.73 -0.25	28.96 2.13 -1.37	34.05 1.96 -0.06	37.85 1.45 -3.08	35.37 1.70 0.00	33.91 -0.23 -12.69	39.92 0.74 -9.60	44.52 2.54 -6.97	44.00 2.51 -5.94	38.60 3.01 -3.42	42.35 3.93 -9.01	50.71 5.50 -6.15	40.85 5.05 -0.55	37.53 4.46 -0.39	38.71 4.65 0.71	36.98 4.23 0.65
GROVEVILLE___HYD 323602	14.11 0.92 0.00	15.60 0.97 0.00	21.57 1.26 0.00	22.12 1.33 0.00	25.95 1.55 0.00	23.86 1.46 0.00	24.45 1.52 0.00	22.51 1.46 0.00	25.47 1.68 0.00	27.42 1.95 0.00	34.56 2.52 0.00	35.97 2.65 0.00	36.38 2.71 0.00	35.49 1.89 -12.14	32.53 2.46 -0.48	37.87 2.86 0.00	38.43 2.88 0.00	35.71 2.50 -1.05	36.42 2.05 -4.95	46.18 2.64 -4.48	37.73 2.48 0.00	34.91 2.15 -0.09	37.63 2.32 -0.53	36.08 2.19 -0.49
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.02 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.34 -0.12 0.00	29.49 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.27 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
HAMLTNNY_34_KV_TB 80303	13.26 0.06 0.00	14.70 0.07 0.00	20.37 0.07 0.00	20.86 0.06 0.00	25.09 0.11 -0.59	22.80 0.06 -0.34	23.05 0.12 0.00	21.14 0.09 0.00	23.95 0.16 0.00	26.10 0.03 -0.60	32.10 0.06 0.00	33.38 0.05 0.00	33.78 0.11 0.00	21.39 -0.07 0.00	29.60 0.01 0.00	34.88 -0.13 0.00	35.52 -0.03 0.00	32.35 0.18 0.00	29.58 0.16 0.00	39.26 0.18 -0.02	35.34 0.09 0.00	32.92 0.18 -0.07	35.26 0.18 -0.31	33.58 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	13.07 -0.12 0.00	14.55 -0.08 0.00	20.19 -0.11 0.00	20.65 -0.14 0.00	24.40 -0.18 -0.19	22.34 -0.17 -0.11	22.74 -0.19 0.00	20.90 -0.16 0.00	23.60 -0.19 0.00	25.40 -0.26 -0.20	31.52 -0.52 0.00	32.68 -0.65 0.00	32.98 -0.69 0.00	21.00 -0.46 0.00	28.96 -0.62 0.00	34.42 -0.59 0.00	35.16 -0.40 0.00	31.94 -0.22 0.00	29.35 -0.07 0.00	39.06 -0.01 -0.01	35.15 -0.11 0.00	32.59 -0.10 -0.02	34.77 -0.11 -0.10	33.48 0.08 0.00
HARDSCRABBLE_WT_PWR 323673	13.24 0.04 0.00	14.69 0.06 0.00	20.44 0.14 0.00	21.02 0.22 0.00	24.69 0.30 0.00	22.64 0.25 0.00	23.21 0.28 0.00	21.40 0.35 0.00	24.22 0.44 0.00	25.90 0.43 0.00	32.50 0.47 0.00	33.76 0.43 0.00	34.09 0.42 0.00	21.78 0.32 0.00	30.09 0.50 0.00	35.65 0.64 0.00	36.20 0.64 0.00	32.80 0.63 0.00	30.06 0.63 0.00	39.91 0.85 0.00	35.95 0.71 0.00	32.97 0.29 0.00	35.26 0.49 0.00	33.73 0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	-29.99 0.83 44.01	-0.08 0.86 15.56	20.16 1.10 1.25	21.93 1.15 0.01	25.73 1.34 0.00	23.66 1.27 0.00	24.26 1.33 0.00	22.34 1.28 0.00	24.16 1.49 1.11	21.16 1.74 6.06	34.04 2.27 0.27	22.04 2.38 13.67	36.11 2.45 0.00	-18.19 1.71 41.35	-9.35 2.25 41.19	7.20 2.58 30.39	12.18 2.55 25.92	20.72 2.18 13.63	-1.96 1.74 33.13	20.01 2.22 21.27	34.91 2.09 2.43	32.32 1.80 2.16	37.37 2.01 -0.59	35.87 1.92 -0.54

HARSNRAD_115KV_TB1 81005	13.24 0.05 0.00	14.61 -0.02 0.00	20.41 0.10 0.00	21.01 0.21 0.00	24.90 0.51 0.00	22.70 0.31 0.00	23.40 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.79 -0.68 0.00	31.14 -0.89 0.00	32.27 -1.05 0.00	32.37 -1.30 0.00	20.17 -1.29 0.00	28.15 -1.44 0.00	32.77 -2.24 0.00	33.64 -1.91 0.00	30.97 -1.20 0.00	28.38 -1.04 0.00	37.63 -1.44 0.00	34.06 -1.19 0.00	31.99 -0.68 0.00	34.46 -0.31 0.00	33.44 0.04 0.00
HARZA MOOSE__RIVER 24016	13.41 0.22 0.00	14.92 0.29 0.00	20.72 0.41 0.00	21.20 0.40 0.00	25.04 0.47 -0.17	22.94 0.45 -0.10	23.43 0.50 0.00	21.54 0.48 0.00	24.35 0.56 0.00	26.19 0.54 -0.17	32.62 0.59 0.00	33.82 0.50 0.00	34.14 0.48 0.00	21.74 0.28 0.00	29.97 0.39 0.00	35.50 0.49 0.00	36.23 0.69 0.00	32.96 0.79 0.00	30.23 0.81 0.00	40.17 1.11 -0.01	36.16 0.91 0.00	33.50 0.80 -0.02	35.68 0.82 -0.09	34.21 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	13.11 -0.09 0.00	14.54 -0.09 0.00	20.19 -0.11 0.00	20.66 -0.13 0.00	24.57 -0.13 -0.30	22.44 -0.13 -0.17	22.83 -0.10 0.00	20.93 -0.12 0.00	23.69 -0.10 0.00	25.57 -0.21 -0.31	31.74 -0.30 0.00	32.95 -0.37 0.00	33.35 -0.32 0.00	21.16 -0.30 0.00	29.24 -0.35 0.00	34.51 -0.50 0.00	35.17 -0.38 0.00	31.97 -0.20 0.00	29.23 -0.19 0.00	38.82 -0.25 -0.01	35.02 -0.23 0.00	32.54 -0.17 -0.03	34.77 -0.16 -0.16	33.24 -0.16 0.00
HELLGATE_13_KV_LD 55870	58.70 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.41 -0.01	26.04 1.65 0.00	23.95 1.56 0.00	24.55 1.62 0.00	22.62 1.57 0.00	26.71 1.80 -1.12	33.68 2.09 -6.12	35.11 2.81 -0.27	50.03 2.90 -13.81	36.68 3.02 0.00	70.93 2.18 -47.29	72.83 2.50 -40.74	66.41 2.80 -28.60	62.68 2.74 -24.40	48.01 2.31 -13.52	65.75 1.86 -34.47	64.56 2.51 -22.99	40.23 2.53 -2.46	37.33 2.25 -2.40	37.96 2.49 -0.70	36.43 2.38 -0.65
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	58.70 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.41 -0.01	26.04 1.65 0.00	23.95 1.56 0.00	24.55 1.62 0.00	22.62 1.57 0.00	26.71 1.80 -1.12	33.68 2.09 -6.12	35.11 2.81 -0.27	50.03 2.90 -13.81	36.68 3.02 0.00	70.93 2.18 -47.29	72.83 2.50 -40.74	66.41 2.80 -28.60	62.68 2.74 -24.40	48.01 2.31 -13.52	65.75 1.86 -34.47	64.56 2.51 -22.99	40.23 2.53 -2.46	37.33 2.25 -2.40	37.96 2.49 -0.70	36.43 2.38 -0.65
HEMPSTEAD____ 23647	58.37 1.05 -44.12	31.32 1.09 -15.60	22.94 1.39 -1.25	22.31 1.50 -0.01	26.09 1.70 0.00	24.02 1.62 0.00	24.58 1.65 0.00	22.68 1.63 0.00	26.80 1.90 -1.11	33.81 2.27 -6.07	42.41 2.90 -7.47	55.61 2.94 -19.35	47.17 3.09 -10.42	77.15 2.22 -53.47	72.65 2.63 -40.43	66.34 2.94 -28.39	62.50 2.74 -24.21	47.96 2.35 -13.44	65.63 1.92 -34.29	64.42 2.47 -22.90	40.25 2.56 -2.44	37.22 2.16 -2.39	37.85 2.37 -0.70	36.34 2.29 -0.65
HEWLETT__69_KV_BK3 55828	58.52 1.21 -44.12	31.49 1.26 -15.60	23.18 1.63 -1.25	22.55 1.74 -0.01	26.37 1.98 0.00	24.27 1.87 0.00	24.83 1.90 0.00	22.91 1.86 0.00	27.02 2.12 -1.11	34.08 2.54 -6.07	42.77 3.26 -7.47	56.02 3.35 -19.35	47.60 3.51 -10.42	77.46 2.53 -53.47	73.00 2.99 -40.43	66.71 3.32 -28.39	62.89 3.13 -24.21	48.34 2.73 -13.44	65.95 2.23 -34.29	64.92 2.96 -22.90	40.64 2.96 -2.44	37.59 2.53 -2.39	38.22 2.74 -0.70	36.70 2.64 -0.65
HICKLING__1 23621	13.53 0.34 0.00	15.04 0.40 0.00	20.84 0.54 0.00	21.33 0.53 0.00	25.24 0.67 -0.18	23.08 0.58 -0.10	23.60 0.67 0.00	21.60 0.55 0.00	24.48 0.69 0.00	26.19 0.54 -0.18	32.64 0.60 0.00	33.78 0.45 0.00	34.05 0.38 0.00	21.45 -0.01 0.00	29.86 0.27 0.00	35.06 0.05 0.00	35.90 0.34 0.00	32.72 0.55 0.00	29.90 0.48 0.00	39.77 0.70 -0.01	35.68 0.43 0.00	33.43 0.74 -0.02	35.71 0.84 -0.09	34.18 0.78 0.00
HICKLING__2 23622	13.53 0.34 0.00	15.04 0.40 0.00	20.84 0.54 0.00	21.33 0.53 0.00	25.24 0.67 -0.18	23.08 0.58 -0.10	23.60 0.67 0.00	21.60 0.55 0.00	24.48 0.69 0.00	26.19 0.54 -0.18	32.64 0.60 0.00	33.78 0.45 0.00	34.05 0.38 0.00	21.45 -0.01 0.00	29.86 0.27 0.00	35.06 0.05 0.00	35.90 0.34 0.00	32.72 0.55 0.00	29.90 0.48 0.00	39.77 0.70 -0.01	35.68 0.43 0.00	33.43 0.74 -0.02	35.71 0.84 -0.09	34.18 0.78 0.00
HIGH FALLS__HY 23754	14.06 0.87 0.00	15.54 0.90 0.00	21.46 1.15 0.00	21.99 1.20 0.00	25.80 1.41 0.00	23.70 1.31 0.00	24.28 1.34 0.00	22.36 1.30 0.00	25.32 1.54 0.00	27.31 1.84 0.00	34.33 2.30 0.00	35.63 2.31 0.00	35.90 2.23 0.00	23.24 1.68 -0.10	31.60 2.01 0.00	37.31 2.31 0.00	37.80 2.25 0.00	34.18 2.00 0.00	31.11 1.69 0.00	41.33 2.26 0.00	37.60 2.35 0.00	34.78 2.05 -0.05	37.30 2.24 -0.29	35.78 2.11 -0.26
HILLBURN__GT 23639	-37.72 0.80 51.72	-2.83 0.83 18.29	19.89 1.05 1.47	21.89 1.11 0.01	25.68 1.29 0.00	23.62 1.22 0.00	24.21 1.28 0.00	22.30 1.25 0.00	23.92 1.44 1.30	20.06 1.71 7.12	33.94 2.21 0.31	19.56 2.29 16.06	36.03 2.36 0.00	-22.82 1.68 45.96	-16.10 2.18 47.87	1.96 2.45 35.50	7.64 2.37 30.28	18.44 1.99 15.71	-6.74 1.56 37.72	17.09 1.99 23.96	34.32 1.93 2.86	31.78 1.66 2.56	37.27 1.88 -0.62	35.80 1.84 -0.57
HILLSIDE_115KV_TB1 80332	13.31 0.11 0.00	14.81 0.17 0.00	20.51 0.21 0.00	21.01 0.22 0.00	24.85 0.28 -0.19	22.72 0.22 -0.11	23.22 0.29 0.00	21.28 0.23 0.00	24.12 0.33 0.00	25.86 0.21 -0.19	32.21 0.18 0.00	33.33 0.00 0.00	33.61 -0.05 0.00	21.22 -0.24 0.00	29.52 -0.07 0.00	34.69 -0.32 0.00	35.47 -0.08 0.00	32.28 0.11 0.00	29.50 0.08 0.00	39.24 0.17 -0.01	35.15 -0.10 0.00	32.97 0.28 -0.02	35.20 0.33 -0.10	33.67 0.26 0.00
HISHELDN_WT_PWR 323625	13.44 0.25 0.00	14.86 0.23 0.00	20.70 0.40 0.00	21.19 0.40 0.00	25.05 0.66 0.00	22.85 0.46 0.00	23.53 0.60 0.00	21.31 0.26 0.00	24.15 0.37 0.00	25.25 -0.22 0.00	31.71 -0.32 0.00	32.85 -0.47 0.00	32.99 -0.68 0.00	20.59 -0.87 0.00	28.75 -0.84 0.00	33.54 -1.47 0.00	34.44 -1.11 0.00	31.61 -0.56 0.00	28.97 -0.46 0.00	38.40 -0.66 0.00	34.67 -0.58 0.00	32.56 -0.11 0.00	34.94 0.17 0.00	33.78 0.38 0.00
HOLTSVILLE_IC_1 23690	58.59 1.27 -44.12	31.57 1.34 -15.60	23.30 1.75 -1.25	22.64 1.84 -0.01	26.44 2.05 0.00	24.37 1.97 0.00	24.92 1.99 0.00	22.98 1.93 0.00	27.17 2.27 -1.11	34.78 2.80 -6.51	98.60 3.48 -63.09	129.41 3.42 -92.67	159.33 3.52 -122.14	145.99 2.50 -122.03	247.68 2.94 -215.15	366.06 3.28 -327.78	233.97 2.98 -195.44	175.42 2.68 -140.58	114.65 2.23 -83.00	88.46 2.87 -46.53	40.66 2.97 -2.44	37.56 2.50 -2.39	38.24 2.77 -0.70	36.77 2.72 -0.65
HOLTSVILLE_IC_10 23699	58.70 1.38 -44.12	31.69 1.46 -15.60	23.47 1.91 -1.25	22.80 2.00 -0.01	26.63 2.24 0.00	24.54 2.15 0.00	25.11 2.18 0.00	23.16 2.10 0.00	27.38 2.48 -1.11	34.99 3.04 -6.48	99.06 3.81 -63.21	135.37 3.78 -98.26	168.28 3.89 -130.72	151.49 2.73 -127.30	261.43 3.27 -228.57	389.45 3.67 -350.78	253.33 3.36 -214.42	185.62 3.03 -150.42	118.71 2.54 -86.74	90.70 3.29 -48.35	41.01 3.32 -2.44	37.86 2.80 -2.39	38.55 3.08 -0.70	37.07 3.02 -0.65

HOLTSVILLE_IC_2 23691	58.59 1.27 -44.12	31.57 1.34 -15.60	23.30 1.75 -1.25	22.64 1.84 -0.01	26.44 2.05 0.00	24.37 1.97 0.00	24.92 1.99 0.00	22.98 1.93 0.00	27.17 2.27 -1.11	34.78 2.80 -6.51	98.60 3.48 -63.09	129.41 3.42 -92.67	159.33 3.52 -122.14	145.99 2.50 -122.03	247.68 2.94 -215.15	366.06 3.28 -327.78	233.97 2.98 -195.44	175.42 2.68 -140.58	114.65 2.23 -83.00	88.46 2.87 -46.53	40.66 2.97 -2.44	37.56 2.50 -2.39	38.24 2.77 -0.70	36.77 2.72 -0.65
HOLTSVILLE_IC_3 23692	58.59 1.27 -44.12	31.57 1.34 -15.60	23.30 1.75 -1.25	22.64 1.84 -0.01	26.44 2.05 0.00	24.37 1.97 0.00	24.92 1.99 0.00	22.98 1.93 0.00	27.17 2.27 -1.11	34.78 2.80 -6.51	98.60 3.48 -63.09	129.41 3.42 -92.67	159.33 3.52 -122.14	145.99 2.50 -122.03	247.68 2.94 -215.15	366.06 3.28 -327.78	233.97 2.98 -195.44	175.42 2.68 -140.58	114.65 2.23 -83.00	88.46 2.87 -46.53	40.66 2.97 -2.44	37.56 2.50 -2.39	38.24 2.77 -0.70	36.77 2.72 -0.65
HOLTSVILLE_IC_4 23693	58.59 1.27 -44.12	31.57 1.34 -15.60	23.30 1.75 -1.25	22.64 1.84 -0.01	26.44 2.05 0.00	24.37 1.97 0.00	24.92 1.99 0.00	22.98 1.93 0.00	27.17 2.27 -1.11	34.78 2.80 -6.51	98.60 3.48 -63.09	129.41 3.42 -92.67	159.33 3.52 -122.14	145.99 2.50 -122.03	247.68 2.94 -215.15	366.06 3.28 -327.78	233.97 2.98 -195.44	175.42 2.68 -140.58	114.65 2.23 -83.00	88.46 2.87 -46.53	40.66 2.97 -2.44	37.56 2.50 -2.39	38.24 2.77 -0.70	36.77 2.72 -0.65
HOLTSVILLE_IC_5 23694	58.59 1.27 -44.12	31.57 1.34 -15.60	23.30 1.75 -1.25	22.64 1.84 -0.01	26.44 2.05 0.00	24.37 1.97 0.00	24.92 1.99 0.00	22.98 1.93 0.00	27.17 2.27 -1.11	34.78 2.80 -6.51	98.60 3.48 -63.09	129.41 3.42 -92.67	159.33 3.52 -122.14	145.99 2.50 -122.03	247.68 2.94 -215.15	366.06 3.28 -327.78	233.97 2.98 -195.44	175.42 2.68 -140.58	114.65 2.23 -83.00	88.46 2.87 -46.53	40.66 2.97 -2.44	37.56 2.50 -2.39	38.24 2.77 -0.70	36.77 2.72 -0.65
HOLTSVILLE_IC_6 23695	58.70 1.38 -44.12	31.69 1.46 -15.60	23.47 1.91 -1.25	22.80 2.00 -0.01	26.63 2.24 0.00	24.54 2.15 0.00	25.11 2.18 0.00	23.16 2.10 0.00	27.38 2.48 -1.11	34.99 3.04 -6.48	99.06 3.81 -63.21	135.37 3.78 -98.26	168.28 3.89 -130.72	151.49 2.73 -127.30	261.43 3.27 -228.57	389.45 3.67 -350.78	253.33 3.36 -214.42	185.62 3.03 -150.42	118.71 2.54 -86.74	90.70 3.29 -48.35	41.01 3.32 -2.44	37.86 2.80 -2.39	38.55 3.08 -0.70	37.07 3.02 -0.65
HOLTSVILLE_IC_7 23696	58.70 1.38 -44.12	31.69 1.46 -15.60	23.47 1.91 -1.25	22.80 2.00 -0.01	26.63 2.24 0.00	24.54 2.15 0.00	25.11 2.18 0.00	23.16 2.10 0.00	27.38 2.48 -1.11	34.99 3.04 -6.48	99.06 3.81 -63.21	135.37 3.78 -98.26	168.28 3.89 -130.72	151.49 2.73 -127.30	261.43 3.27 -228.57	389.45 3.67 -350.78	253.33 3.36 -214.42	185.62 3.03 -150.42	118.71 2.54 -86.74	90.70 3.29 -48.35	41.01 3.32 -2.44	37.86 2.80 -2.39	38.55 3.08 -0.70	37.07 3.02 -0.65
HOLTSVILLE_IC_8 23697	58.70 1.38 -44.12	31.69 1.46 -15.60	23.47 1.91 -1.25	22.80 2.00 -0.01	26.63 2.24 0.00	24.54 2.15 0.00	25.11 2.18 0.00	23.16 2.10 0.00	27.38 2.48 -1.11	34.99 3.04 -6.48	99.06 3.81 -63.21	135.37 3.78 -98.26	168.28 3.89 -130.72	151.49 2.73 -127.30	261.43 3.27 -228.57	389.45 3.67 -350.78	253.33 3.36 -214.42	185.62 3.03 -150.42	118.71 2.54 -86.74	90.70 3.29 -48.35	41.01 3.32 -2.44	37.86 2.80 -2.39	38.55 3.08 -0.70	37.07 3.02 -0.65
HOLTSVILLE_IC_9 23698	58.70 1.38 -44.12	31.69 1.46 -15.60	23.47 1.91 -1.25	22.80 2.00 -0.01	26.63 2.24 0.00	24.54 2.15 0.00	25.11 2.18 0.00	23.16 2.10 0.00	27.38 2.48 -1.11	34.99 3.04 -6.48	99.06 3.81 -63.21	135.37 3.78 -98.26	168.28 3.89 -130.72	151.49 2.73 -127.30	261.43 3.27 -228.57	389.45 3.67 -350.78	253.33 3.36 -214.42	185.62 3.03 -150.42	118.71 2.54 -86.74	90.70 3.29 -48.35	41.01 3.32 -2.44	37.86 2.80 -2.39	38.55 3.08 -0.70	37.07 3.02 -0.65
HOMER_HL_115KV_TB2 355744	13.51 0.32 0.00	15.01 0.38 0.00	20.88 0.57 0.00	21.37 0.57 0.00	25.19 0.80 0.00	23.00 0.60 0.00	23.71 0.78 0.00	21.59 0.53 0.00	24.54 0.76 0.00	25.86 0.39 0.00	32.43 0.40 0.00	33.17 -0.16 0.00	33.31 -0.36 0.00	20.75 -0.71 0.00	28.98 -0.60 0.00	33.90 -1.11 0.00	34.82 -0.73 0.00	31.92 -0.25 0.00	29.16 -0.27 0.00	38.69 -0.38 0.00	34.92 -0.34 0.00	32.95 0.28 0.00	35.30 0.53 0.00	34.08 0.68 0.00
HOWARD_WT_PWR 323690	13.68 0.49 0.00	15.17 0.54 0.00	21.07 0.76 0.00	21.55 0.76 0.00	25.52 1.01 -0.12	23.30 0.84 -0.07	23.87 0.94 0.00	21.76 0.70 0.00	24.64 0.85 0.00	26.14 0.54 -0.12	32.65 0.62 0.00	33.87 0.55 0.00	33.99 0.33 0.00	21.34 -0.12 0.00	29.70 0.11 0.00	34.74 -0.27 0.00	35.73 0.18 0.00	32.72 0.55 0.00	29.94 0.52 0.00	39.80 0.73 0.00	35.84 0.60 0.00	33.57 0.88 -0.01	35.89 1.05 -0.06	34.50 1.10 0.00
HQ_GEN_CEDARS 23644	13.07 -0.13 0.00	14.51 -0.13 0.00	20.14 -0.16 0.00	20.61 -0.19 0.00	24.10 -0.29 0.00	22.12 -0.27 0.00	22.64 -0.29 0.00	20.77 -0.28 0.00	23.42 -0.36 0.00	25.13 -0.34 0.00	31.53 -0.50 0.00	32.84 -0.49 0.00	33.14 -0.53 0.00	21.14 -0.32 0.00	29.13 -0.46 0.00	34.64 -0.36 0.00	35.18 -0.37 0.00	31.76 -0.41 0.00	29.15 -0.27 0.00	38.78 -0.28 0.00	34.92 -0.33 0.00	32.42 -0.26 0.00	34.43 -0.35 0.00	33.17 -0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	13.07 -0.13 0.00	14.51 -0.13 0.00	20.14 -0.16 0.00	20.61 -0.19 0.00	24.10 -0.29 0.00	22.12 -0.27 0.00	22.64 -0.29 0.00	20.77 -0.28 0.00	23.42 -0.36 0.00	25.13 -0.34 0.00	31.53 -0.50 0.00	32.84 -0.49 0.00	33.14 -0.53 0.00	21.14 -0.32 0.00	29.13 -0.46 0.00	34.64 -0.36 0.00	35.18 -0.37 0.00	31.76 -0.41 0.00	29.15 -0.27 0.00	38.78 -0.28 0.00	34.92 -0.33 0.00	32.42 -0.26 0.00	34.43 -0.35 0.00	33.17 -0.23 0.00
HQ_GEN_IMPORT 323601	13.11 -0.13 -0.05	14.50 -0.13 0.00	20.12 -0.19 0.00	20.59 -0.20 0.00	24.13 -0.26 0.00	22.15 -0.25 0.00	22.68 -0.25 0.00	20.81 -0.24 0.00	23.49 -0.29 0.00	25.20 -0.27 0.00	31.12 -0.36 0.56	32.97 -0.35 0.00	32.47 -0.37 0.82	21.23 -0.23 0.00	29.26 -0.33 0.00	34.71 -0.30 0.00	35.20 -0.35 0.00	31.80 -0.37 0.00	29.16 -0.27 0.00	38.74 -0.32 0.00	34.93 -0.32 0.00	32.41 -0.27 0.00	34.42 -0.35 0.00	33.08 -0.32 0.00
HQ_GEN_WHEEL 23651	13.11 -0.13 -0.05	14.50 -0.13 0.00	20.12 -0.19 0.00	20.59 -0.20 0.00	24.13 -0.26 0.00	22.15 -0.25 0.00	22.68 -0.25 0.00	20.81 -0.24 0.00	23.49 -0.29 0.00	25.20 -0.27 0.00	31.12 -0.36 0.56	32.97 -0.35 0.00	32.47 -0.37 0.82	21.23 -0.23 0.00	29.26 -0.33 0.00	34.71 -0.30 0.00	35.20 -0.35 0.00	31.80 -0.37 0.00	29.16 -0.27 0.00	38.74 -0.32 0.00	34.93 -0.32 0.00	32.41 -0.27 0.00	34.42 -0.35 0.00	33.08 -0.32 0.00
HUDSON_AVE_GT_3 23810	58.75 1.08 -44.48	31.47 1.10 -15.73	22.98 1.42 -1.26	22.28 1.48 -0.01	26.11 1.72 0.00	24.02 1.63 0.00	24.62 1.70 0.00	22.68 1.63 0.00	26.78 1.87 -1.12	33.77 2.18 -6.12	35.12 2.81 -0.27	50.10 2.96 -13.81	36.73 3.06 0.00	70.95 2.19 -47.30	72.98 2.65 -40.75	66.58 2.97 -28.61	62.83 2.88 -24.40	48.14 2.44 -13.52	65.88 1.99 -34.48	64.72 2.66 -23.00	40.31 2.61 -2.46	37.37 2.29 -2.40	38.02 2.54 -0.70	36.48 2.43 -0.65

HUDSON AVE_GT_4 23540	58.75 1.08 -44.48	31.47 1.10 -15.73	22.98 1.42 -1.26	22.28 1.48 -0.01	26.11 1.72 0.00	24.02 1.63 0.00	24.62 1.70 0.00	22.68 1.63 0.00	26.78 1.87 -1.12	33.77 2.18 -6.12	35.12 2.81 -0.27	50.10 2.96 -13.81	36.73 3.06 0.00	70.95 2.19 -47.30	72.98 2.65 -40.75	66.58 2.97 -28.61	62.83 2.88 -24.40	48.14 2.44 -13.52	65.88 1.99 -34.48	64.72 2.66 -23.00	40.31 2.61 -2.46	37.37 2.29 -2.40	38.02 2.54 -0.70	36.48 2.43 -0.65
HUDSON AVE_GT_5 23657	58.75 1.08 -44.48	31.47 1.10 -15.73	22.98 1.42 -1.26	22.28 1.48 -0.01	26.11 1.72 0.00	24.02 1.63 0.00	24.62 1.70 0.00	22.68 1.63 0.00	26.78 1.87 -1.12	33.77 2.18 -6.12	35.12 2.81 -0.27	50.10 2.96 -13.81	36.73 3.06 0.00	70.95 2.19 -47.30	72.98 2.65 -40.75	66.58 2.97 -28.61	62.83 2.88 -24.40	48.14 2.44 -13.52	65.88 1.99 -34.48	64.72 2.66 -23.00	40.31 2.61 -2.46	37.37 2.29 -2.40	38.02 2.54 -0.70	36.48 2.43 -0.65
HUDSON_AVE_10 24168	58.73 1.05 -44.48	31.44 1.08 -15.73	22.93 1.37 -1.26	22.23 1.43 -0.01	26.05 1.66 0.00	23.96 1.57 0.00	24.57 1.64 0.00	22.63 1.58 0.00	26.71 1.81 -1.12	33.70 2.11 -6.12	35.01 2.72 -0.27	49.99 2.86 -13.81	36.61 2.95 0.00	70.86 2.11 -47.30	72.89 2.55 -40.75	66.47 2.85 -28.61	62.73 2.78 -24.40	48.04 2.34 -13.52	65.79 1.89 -34.48	64.58 2.52 -23.00	40.19 2.49 -2.46	37.27 2.19 -2.40	37.92 2.44 -0.70	36.39 2.34 -0.65
HUDSON___115KV_TB 4 355613	22.85 0.46 -9.19	18.37 0.49 -3.25	21.24 0.68 -0.26	21.62 0.82 0.00	25.39 1.00 0.00	23.35 0.96 0.00	23.90 0.97 0.00	21.99 0.94 0.00	24.99 0.98 -0.23	27.74 1.00 -1.27	33.33 1.24 -0.06	37.51 1.33 -2.85	34.91 1.24 0.00	33.83 0.94 -11.43	39.80 1.33 -8.88	43.11 1.65 -6.45	42.73 1.69 -5.50	36.92 1.62 -3.14	39.12 1.51 -8.19	46.68 2.05 -5.56	37.60 1.84 -0.51	34.56 1.50 -0.38	35.77 1.57 0.56	34.27 1.39 0.52
HUNTER MOUNT___DRP 323613	21.61 0.55 -7.87	17.99 0.58 -2.78	21.34 0.82 -0.22	21.73 0.93 0.00	25.52 1.13 0.00	23.49 1.09 0.00	24.04 1.11 0.00	22.11 1.05 0.00	25.07 1.09 -0.20	27.63 1.07 -1.08	33.40 1.32 -0.05	37.19 1.42 -2.44	34.98 1.31 0.00	31.56 1.02 -9.08	31.47 1.45 -0.43	36.82 1.81 0.00	37.41 1.86 0.00	34.82 1.84 -0.81	34.99 1.75 -3.82	44.92 2.41 -3.45	37.83 2.15 -0.43	34.78 1.76 -0.34	36.22 1.83 0.38	34.66 1.61 0.35
HUNTINGTON_RES_REC 323705	58.55 1.23 -44.12	31.54 1.30 -15.60	23.25 1.69 -1.25	22.60 1.79 -0.01	26.40 2.01 0.00	24.32 1.93 0.00	24.87 1.94 0.00	22.94 1.89 0.00	27.12 2.22 -1.11	34.90 2.75 -6.68	152.50 3.52 -116.95	246.13 3.53 -209.27	337.64 3.72 -300.25	255.42 2.63 -231.34	526.43 3.13 -493.71	843.65 3.54 -805.10	555.96 3.23 -517.18	378.92 2.83 -343.92	192.38 2.30 -160.65	126.18 2.91 -84.20	40.62 2.92 -2.45	37.53 2.47 -2.39	38.22 2.75 -0.70	36.73 2.68 -0.65
HUNTLEY___63 23557	13.50 0.30 0.00	14.88 0.25 0.00	20.76 0.46 0.00	21.28 0.49 0.00	25.19 0.80 0.00	22.97 0.57 0.00	23.66 0.72 0.00	21.34 0.29 0.00	24.18 0.40 0.00	25.12 -0.35 0.00	31.58 -0.45 0.00	32.73 -0.60 0.00	32.76 -0.90 0.00	20.43 -1.03 0.00	28.50 -1.09 0.00	33.19 -1.82 0.00	34.07 -1.48 0.00	31.35 -0.82 0.00	28.72 -0.70 0.00	38.06 -1.01 0.00	34.39 -0.87 0.00	32.31 -0.36 0.00	34.76 -0.01 0.00	33.76 0.36 0.00
HUNTLEY___64 23558	13.50 0.30 0.00	14.88 0.25 0.00	20.76 0.46 0.00	21.28 0.49 0.00	25.19 0.80 0.00	22.97 0.57 0.00	23.66 0.72 0.00	21.34 0.29 0.00	24.18 0.40 0.00	25.12 -0.35 0.00	31.58 -0.45 0.00	32.73 -0.60 0.00	32.76 -0.90 0.00	20.43 -1.03 0.00	28.50 -1.09 0.00	33.19 -1.82 0.00	34.07 -1.48 0.00	31.35 -0.82 0.00	28.72 -0.70 0.00	38.06 -1.01 0.00	34.39 -0.87 0.00	32.31 -0.36 0.00	34.76 -0.01 0.00	33.76 0.36 0.00
HUNTLEY___65 23559	13.50 0.30 0.00	14.88 0.25 0.00	20.76 0.46 0.00	21.28 0.49 0.00	25.19 0.80 0.00	22.97 0.57 0.00	23.66 0.72 0.00	21.34 0.29 0.00	24.18 0.40 0.00	25.12 -0.35 0.00	31.58 -0.45 0.00	32.73 -0.60 0.00	32.76 -0.90 0.00	20.43 -1.03 0.00	28.50 -1.09 0.00	33.19 -1.82 0.00	34.07 -1.48 0.00	31.35 -0.82 0.00	28.72 -0.70 0.00	38.06 -1.01 0.00	34.39 -0.87 0.00	32.31 -0.36 0.00	34.76 -0.01 0.00	33.76 0.36 0.00
HUNTLEY___66 23560	13.50 0.30 0.00	14.88 0.25 0.00	20.76 0.46 0.00	21.28 0.49 0.00	25.19 0.80 0.00	22.97 0.57 0.00	23.66 0.72 0.00	21.34 0.29 0.00	24.18 0.40 0.00	25.12 -0.35 0.00	31.58 -0.45 0.00	32.73 -0.60 0.00	32.76 -0.90 0.00	20.43 -1.03 0.00	28.50 -1.09 0.00	33.19 -1.82 0.00	34.07 -1.48 0.00	31.35 -0.82 0.00	28.72 -0.70 0.00	38.06 -1.01 0.00	34.39 -0.87 0.00	32.31 -0.36 0.00	34.76 -0.01 0.00	33.76 0.36 0.00
HUNTLEY___67 23561	13.38 0.19 0.00	14.75 0.12 0.00	20.59 0.28 0.00	21.07 0.28 0.00	24.93 0.54 0.00	22.72 0.32 0.00	23.41 0.48 0.00	21.12 0.07 0.00	23.94 0.15 0.00	24.88 -0.59 0.00	31.26 -0.77 0.00	32.38 -0.94 0.00	32.49 -1.18 0.00	20.24 -1.22 0.00	28.25 -1.33 0.00	32.92 -2.09 0.00	33.80 -1.75 0.00	31.08 -1.09 0.00	28.48 -0.94 0.00	37.77 -1.30 0.00	34.15 -1.10 0.00	32.09 -0.58 0.00	34.54 -0.23 0.00	33.50 0.10 0.00
HUNTLEY___68 23562	13.38 0.19 0.00	14.75 0.12 0.00	20.59 0.28 0.00	21.07 0.28 0.00	24.93 0.54 0.00	22.72 0.32 0.00	23.41 0.48 0.00	21.12 0.07 0.00	23.94 0.15 0.00	24.88 -0.59 0.00	31.26 -0.77 0.00	32.38 -0.94 0.00	32.49 -1.18 0.00	20.24 -1.22 0.00	28.25 -1.33 0.00	32.92 -2.09 0.00	33.80 -1.75 0.00	31.08 -1.09 0.00	28.48 -0.94 0.00	37.77 -1.30 0.00	34.15 -1.10 0.00	32.09 -0.58 0.00	34.54 -0.23 0.00	33.50 0.10 0.00
HYLAND___LFGE 323620	13.86 0.67 0.00	15.49 0.86 0.00	21.53 1.23 0.00	22.01 1.21 0.00	25.97 1.58 0.00	23.76 1.36 0.00	24.48 1.55 0.00	22.30 1.25 0.00	25.24 1.45 0.00	26.53 1.06 0.00	33.23 1.20 0.00	34.48 1.16 0.00	34.84 1.18 0.00	21.79 0.33 0.00	30.12 0.53 0.00	35.32 0.31 0.00	36.33 0.78 0.00	33.25 1.08 0.00	30.78 1.36 0.00	41.04 1.98 0.00	37.15 1.89 0.00	34.65 1.98 0.00	36.99 2.22 0.00	35.55 2.15 0.00
INDECK___CORINTH 23802	24.00 0.63 -10.17	18.89 0.66 -3.60	21.49 0.90 -0.29	21.75 0.95 0.00	25.53 1.14 0.00	23.48 1.08 0.00	24.11 1.18 0.00	22.24 1.19 0.00	25.41 1.37 -0.26	28.23 1.35 -1.40	33.61 1.51 -0.06	38.07 1.59 -3.16	35.15 1.48 0.00	35.63 1.11 -13.06	40.54 1.12 -9.84	43.67 1.52 -7.14	43.32 1.68 -6.09	37.17 1.48 -3.52	40.08 1.39 -9.27	47.54 2.14 -6.34	37.98 2.16 -0.56	34.78 1.73 -0.38	35.66 1.74 0.85	33.90 1.28 0.79
INDECK___ILION 23567	13.28 0.08 0.00	14.73 0.09 0.00	20.45 0.14 0.00	20.98 0.18 0.00	24.62 0.23 0.00	22.61 0.22 0.00	23.15 0.22 0.00	21.29 0.24 0.00	24.08 0.29 0.00	25.76 0.29 0.00	32.37 0.33 0.00	33.64 0.32 0.00	33.98 0.31 0.00	21.69 0.23 0.00	29.93 0.35 0.00	35.43 0.43 0.00	35.99 0.44 0.00	32.60 0.43 0.00	29.85 0.43 0.00	39.63 0.56 0.00	35.75 0.50 0.00	32.99 0.31 0.00	35.15 0.37 0.00	33.69 0.29 0.00

INDECK___OLEAN 23982	13.51 0.32 0.00	15.01 0.38 0.00	20.88 0.58 0.00	21.37 0.57 0.00	25.21 0.82 0.00	23.00 0.60 0.00	23.71 0.78 0.00	21.58 0.53 0.00	24.54 0.76 0.00	25.88 0.41 0.00	32.44 0.40 0.00	33.19 -0.13 0.00	33.31 -0.36 0.00	20.75 -0.71 0.00	29.00 -0.59 0.00	33.91 -1.10 0.00	34.83 -0.72 0.00	31.93 -0.24 0.00	29.16 -0.26 0.00	38.69 -0.37 0.00	34.92 -0.33 0.00	32.95 0.28 0.00	35.30 0.53 0.00	34.08 0.68 0.00
INDECK___OSWEGO 23783	12.91 -0.28 0.00	14.36 -0.27 0.00	19.93 -0.37 0.00	20.39 -0.40 0.00	25.27 -0.46 -1.34	22.74 -0.43 -0.78	22.52 -0.41 0.00	20.67 -0.39 0.00	23.37 -0.42 0.00	26.28 -0.54 -1.36	31.33 -0.70 0.00	32.53 -0.79 0.00	32.74 -0.93 0.00	20.76 -0.70 0.00	28.65 -0.94 0.00	33.83 -1.18 0.00	34.44 -1.11 0.00	31.29 -0.88 0.00	28.60 -0.82 0.00	38.03 -1.08 -0.05	34.30 -0.95 0.00	32.17 -0.66 -0.15	34.87 -0.60 -0.71	32.83 -0.58 0.00
INDECK___YERKES 23781	13.50 0.31 0.00	14.90 0.27 0.00	20.79 0.49 0.00	21.30 0.51 0.00	25.24 0.85 0.00	22.99 0.60 0.00	23.68 0.75 0.00	21.36 0.31 0.00	24.22 0.43 0.00	25.17 -0.30 0.00	31.62 -0.41 0.00	32.78 -0.54 0.00	32.82 -0.85 0.00	20.45 -1.01 0.00	28.57 -1.01 0.00	33.25 -1.76 0.00	34.12 -1.43 0.00	31.39 -0.78 0.00	28.77 -0.65 0.00	38.12 -0.95 0.00	34.43 -0.82 0.00	32.35 -0.33 0.00	34.80 0.03 0.00	33.81 0.41 0.00
INDIAN POINT_GT_1 24139	65.78 0.83 -51.76	33.79 0.86 -18.30	22.87 1.10 -1.47	21.96 1.16 -0.01	25.74 1.35 0.00	23.67 1.28 0.00	24.26 1.33 0.00	22.34 1.29 0.00	26.57 1.48 -1.31	34.35 1.76 -7.12	34.62 2.27 -0.31	51.77 2.37 -16.07	36.11 2.44 0.00	84.04 1.74 -60.84	346.16 2.19 -314.38	276.24 2.47 -238.76	241.60 2.40 -203.65	117.99 2.00 -83.82	181.16 1.60 -150.14	108.74 2.07 -67.60	40.14 2.03 -2.86	37.21 1.76 -2.78	37.41 1.96 -0.69	35.92 1.89 -0.63
INDIAN POINT_GT_2 23659	65.78 0.83 -51.76	33.79 0.86 -18.30	22.87 1.10 -1.47	21.96 1.16 -0.01	25.74 1.35 0.00	23.67 1.28 0.00	24.26 1.33 0.00	22.34 1.29 0.00	26.57 1.48 -1.31	34.35 1.76 -7.12	34.62 2.27 -0.31	51.77 2.37 -16.07	36.11 2.44 0.00	84.04 1.74 -60.84	346.16 2.19 -314.38	276.24 2.47 -238.76	241.60 2.40 -203.65	117.99 2.00 -83.82	181.16 1.60 -150.14	108.74 2.07 -67.60	40.14 2.03 -2.86	37.21 1.76 -2.78	37.41 1.96 -0.69	35.92 1.89 -0.63
INDIAN POINT_GT_3 24019	65.78 0.83 -51.76	33.79 0.86 -18.30	22.87 1.10 -1.47	21.96 1.16 -0.01	25.74 1.35 0.00	23.67 1.28 0.00	24.26 1.33 0.00	22.34 1.29 0.00	26.57 1.48 -1.31	34.35 1.76 -7.12	34.62 2.27 -0.31	51.77 2.37 -16.07	36.11 2.44 0.00	84.04 1.74 -60.84	346.16 2.19 -314.38	276.24 2.47 -238.76	241.60 2.40 -203.65	117.99 2.00 -83.82	181.16 1.60 -150.14	108.74 2.07 -67.60	40.14 2.03 -2.86	37.21 1.76 -2.78	37.41 1.96 -0.69	35.92 1.89 -0.63
INDIAN POINT___2 23530	82.83 0.82 -68.82	39.81 0.84 -24.34	23.31 1.06 -1.95	21.93 1.13 -0.01	25.70 1.31 0.00	23.64 1.24 0.00	24.22 1.29 0.00	22.31 1.26 0.00	26.97 1.44 -1.74	36.65 1.71 -9.47	34.66 2.21 -0.41	56.99 2.29 -21.37	36.03 2.36 0.00	77.62 1.69 -54.47	-54.40 2.14 86.13	-31.59 2.40 69.00	-20.98 2.33 58.85	16.17 1.94 17.94	17.30 1.54 13.66	48.38 1.99 -7.33	41.00 1.95 -3.80	38.00 1.68 -3.65	37.32 1.89 -0.66	35.84 1.83 -0.61
INDIAN POINT___3 23531	67.02 0.81 -53.01	34.22 0.84 -18.75	22.88 1.08 -1.50	21.93 1.13 -0.01	25.70 1.32 0.00	23.64 1.25 0.00	24.22 1.29 0.00	22.31 1.26 0.00	26.57 1.44 -1.34	34.47 1.71 -7.29	34.56 2.21 -0.32	52.08 2.29 -16.46	36.02 2.36 0.00	71.88 1.68 -48.74	18.66 2.13 13.06	23.73 2.40 13.68	26.20 2.33 11.68	33.85 1.94 0.26	43.87 1.54 -12.91	56.63 1.99 -15.57	40.12 1.94 -2.93	37.19 1.68 -2.84	37.35 1.89 -0.69	35.87 1.83 -0.63
INGHAM_C_115KV_TB7 356103	13.24 0.05 0.00	14.70 0.07 0.00	20.44 0.14 0.00	21.02 0.23 0.00	24.69 0.30 0.00	22.67 0.28 0.00	23.22 0.29 0.00	21.41 0.36 0.00	24.22 0.43 0.00	25.90 0.43 0.00	32.47 0.43 0.00	33.70 0.38 0.00	34.01 0.35 0.00	21.75 0.29 0.00	30.07 0.48 0.00	35.64 0.63 0.00	36.19 0.64 0.00	32.79 0.63 0.00	30.07 0.65 0.00	39.94 0.88 0.00	36.01 0.76 0.00	33.07 0.39 0.00	35.28 0.51 0.00	33.73 0.33 0.00
IP CORINTH___1 23988	24.07 0.70 -10.17	18.98 0.75 -3.60	21.61 1.01 -0.29	21.86 1.06 0.00	25.67 1.27 0.00	23.61 1.21 0.00	24.24 1.31 0.00	22.36 1.31 0.00	25.55 1.51 -0.26	28.37 1.51 -1.40	33.79 1.70 -0.06	38.26 1.78 -3.16	35.33 1.67 0.00	35.76 1.24 -13.06	40.71 1.28 -9.84	43.86 1.71 -7.14	43.52 1.88 -6.09	37.35 1.67 -3.52	40.25 1.56 -9.27	47.77 2.36 -6.34	38.16 2.35 -0.56	34.97 1.92 -0.38	35.85 1.94 0.85	34.09 1.48 0.79
IP___TICONDEROGA 23804	24.58 1.18 -10.20	19.58 1.34 -3.61	22.34 1.74 -0.29	22.56 1.76 0.00	26.50 2.11 0.00	24.45 2.06 0.00	25.20 2.26 0.00	23.50 2.45 0.00	26.80 2.76 -0.26	29.52 2.64 -1.40	35.38 3.29 -0.06	39.84 3.35 -3.17	36.94 3.27 0.00	36.60 2.03 -13.10	42.13 2.68 -9.87	45.84 3.66 -7.16	45.93 4.27 -6.11	39.34 3.64 -3.53	42.27 3.55 -9.30	50.29 4.86 -6.36	39.99 4.17 -0.56	36.35 3.30 -0.38	37.28 3.38 0.87	35.48 2.88 0.80
ISLIP_RES_REC 323679	58.79 1.48 -44.12	31.79 1.56 -15.60	23.60 2.05 -1.25	22.93 2.13 -0.01	26.78 2.40 0.00	24.69 2.30 0.00	25.26 2.33 0.00	23.30 2.25 0.00	27.57 2.67 -1.11	35.17 3.26 -6.44	94.49 4.09 -58.37	128.63 4.09 -91.21	157.85 4.22 -119.96	145.10 2.95 -120.69	244.93 3.60 -211.74	360.98 4.03 -321.94	236.48 3.73 -197.20	173.70 3.37 -138.17	114.31 2.84 -82.05	88.81 3.68 -46.07	41.36 3.66 -2.44	38.16 3.10 -2.39	38.86 3.38 -0.70	37.36 3.31 -0.65
JAMAICA__27_KV_LOAD 355505	58.88 1.21 -44.48	31.59 1.23 -15.73	23.15 1.59 -1.26	22.45 1.64 -0.01	26.31 1.91 0.00	24.21 1.81 0.00	24.83 1.90 0.00	22.85 1.80 0.00	26.95 2.05 -1.12	33.97 2.38 -6.12	35.33 3.03 -0.27	50.34 3.20 -13.81	36.96 3.29 0.00	71.08 2.33 -47.30	73.18 2.85 -40.75	66.82 3.21 -28.61	63.11 3.15 -24.40	48.35 2.65 -13.52	66.07 2.17 -34.48	64.96 2.90 -23.00	40.51 2.81 -2.46	37.62 2.54 -2.40	38.31 2.84 -0.70	36.77 2.72 -0.65
JANIS___SOLAR 323808	13.91 0.71 0.00	15.38 0.75 0.00	21.32 1.02 0.00	21.82 1.02 0.00	25.90 1.24 -0.28	23.65 1.10 -0.16	24.13 1.20 0.00	22.18 1.13 0.00	25.14 1.35 0.00	27.05 1.30 -0.28	33.65 1.61 0.00	34.87 1.54 0.00	35.06 1.39 0.00	22.16 0.70 0.00	30.78 1.19 0.00	36.45 1.45 0.00	37.12 1.57 0.00	33.93 1.76 0.00	31.16 1.74 0.00	41.41 2.34 -0.01	37.24 1.99 0.00	34.56 1.85 -0.03	36.79 1.87 -0.14	35.15 1.75 0.00
JARVIS____ 23743	13.25 0.06 0.00	14.69 0.06 0.00	20.38 0.08 0.00	20.88 0.09 0.00	24.51 0.12 0.00	22.50 0.11 0.00	23.02 0.09 0.00	21.16 0.11 0.00	23.91 0.12 0.00	25.60 0.13 0.00	32.19 0.16 0.00	33.50 0.17 0.00	33.84 0.17 0.00	21.57 0.11 0.00	29.74 0.15 0.00	35.18 0.17 0.00	35.74 0.20 0.00	32.35 0.18 0.00	29.57 0.15 0.00	39.26 0.20 0.00	35.43 0.18 0.00	32.82 0.14 0.00	34.94 0.17 0.00	33.55 0.14 0.00

JENNISON___1 23625	13.97 0.78 0.00	15.47 0.84 0.00	21.45 1.14 0.00	21.95 1.16 0.00	25.96 1.38 -0.20	23.76 1.25 -0.11	24.25 1.32 0.00	22.29 1.24 0.00	25.26 1.48 0.00	27.19 1.52 -0.20	33.93 1.90 0.00	35.19 1.87 0.00	35.50 1.83 0.00	22.57 1.11 0.00	31.23 1.64 0.00	36.91 1.90 0.00	37.58 2.04 0.00	34.23 2.06 0.00	31.35 1.93 0.00	41.59 2.51 -0.01	37.38 2.13 0.00	34.63 1.93 -0.02	36.87 2.00 -0.10	35.29 1.88 0.00
JENNISON___2 23626	13.97 0.78 0.00	15.47 0.84 0.00	21.45 1.14 0.00	21.95 1.16 0.00	25.96 1.38 -0.20	23.76 1.25 -0.11	24.25 1.32 0.00	22.29 1.24 0.00	25.26 1.48 0.00	27.19 1.52 -0.20	33.93 1.90 0.00	35.19 1.87 0.00	35.50 1.83 0.00	22.57 1.11 0.00	31.23 1.64 0.00	36.91 1.90 0.00	37.58 2.04 0.00	34.23 2.06 0.00	31.35 1.93 0.00	41.59 2.51 -0.01	37.38 2.13 0.00	34.63 1.93 -0.02	36.87 2.00 -0.10	35.29 1.88 0.00
JERICHO_RISE_WT_PWR 323719	13.18 -0.02 0.00	14.67 0.03 0.00	20.28 -0.03 0.00	20.79 0.00 0.00	24.53 0.14 0.00	22.51 0.12 0.00	22.99 0.06 0.00	21.17 0.12 0.00	23.91 0.12 0.00	25.68 0.21 0.00	32.35 0.32 0.00	33.70 0.37 0.00	34.02 0.35 0.00	21.68 0.22 0.00	29.97 0.39 0.00	35.72 0.72 0.00	36.36 0.81 0.00	32.86 0.69 0.00	30.03 0.61 0.00	39.94 0.88 0.00	35.92 0.67 0.00	33.20 0.52 0.00	35.21 0.44 0.00	33.91 0.51 0.00
KATONAH___115KV_46KV_TB4 355592	42.40 0.92 -28.28	25.59 0.96 -10.00	22.34 1.24 -0.80	22.11 1.31 -0.01	25.91 1.52 0.00	23.83 1.44 0.00	24.42 1.49 0.00	22.50 1.45 0.00	26.18 1.68 -0.71	31.33 1.97 -3.89	34.77 2.57 -0.17	44.82 2.71 -8.78	36.47 2.80 0.00	60.60 1.97 -37.17	59.62 2.51 -27.53	57.69 2.85 -19.83	55.26 2.80 -16.91	44.30 2.37 -9.75	57.03 1.93 -25.69	59.14 2.52 -17.56	39.22 2.41 -1.56	36.33 2.09 -1.57	37.74 2.27 -0.70	36.19 2.15 -0.64
KCE_NY_1 323755	24.18 0.74 -10.24	19.06 0.81 -3.62	21.71 1.12 -0.29	21.96 1.16 0.00	25.75 1.36 0.00	23.70 1.30 0.00	24.28 1.35 0.00	22.35 1.30 0.00	25.51 1.47 -0.26	28.41 1.53 -1.41	33.95 1.86 -0.06	38.48 1.97 -3.18	35.57 1.90 0.00	35.92 1.30 -13.16	41.17 1.67 -9.91	44.28 2.08 -7.19	43.85 2.17 -6.14	37.68 1.97 -3.54	40.55 1.78 -9.35	47.89 2.44 -6.40	38.11 2.29 -0.57	34.95 1.90 -0.38	35.85 1.98 0.89	34.32 1.74 0.82
KCE_NY_6_ESR 323823	13.52 0.32 0.00	14.91 0.28 0.00	20.78 0.48 0.00	21.28 0.48 0.00	25.17 0.78 0.00	22.94 0.54 0.00	23.63 0.70 0.00	21.37 0.32 0.00	24.22 0.44 0.00	25.24 -0.23 0.00	31.72 -0.32 0.00	32.85 -0.47 0.00	32.96 0.00 0.00	20.53 0.00 0.00	28.71 -0.87 0.00	33.46 -1.55 0.00	34.35 -1.20 0.00	31.56 -0.60 0.00	28.92 -0.50 0.00	38.34 -0.72 0.00	34.65 -0.60 0.00	32.57 -0.11 0.00	34.98 0.22 0.00	33.89 0.49 0.00
KEDC_PORT_JEFF_GT2 24210	58.64 1.32 -44.12	31.63 1.40 -15.60	23.38 1.83 -1.25	22.72 1.91 -0.01	26.53 2.14 0.00	24.45 2.05 0.00	25.01 2.07 0.00	23.06 2.01 0.00	27.26 2.36 -1.11	34.90 2.91 -6.51	104.49 3.64 -68.82	144.54 3.49 -107.73	182.41 3.58 -145.17	160.11 2.49 -136.16	283.66 2.90 -251.17	427.70 3.20 -389.49	277.19 2.86 -238.78	201.66 2.59 -166.89	124.61 2.15 -93.04	93.26 2.80 -51.40	40.58 2.89 -2.45	37.47 2.40 -2.39	38.23 2.75 -0.70	36.87 2.82 -0.65
KEDC_PORT_JEFF_GT3 24211	58.64 1.32 -44.12	31.63 1.40 -15.60	23.38 1.83 -1.25	22.72 1.91 -0.01	26.53 2.14 0.00	24.45 2.05 0.00	25.01 2.07 0.00	23.06 2.01 0.00	27.26 2.36 -1.11	34.90 2.91 -6.51	104.49 3.64 -68.82	144.54 3.49 -107.73	182.41 3.58 -145.17	160.11 2.49 -136.16	283.66 2.90 -251.17	427.70 3.20 -389.49	277.19 2.86 -238.78	201.66 2.59 -166.89	124.61 2.15 -93.04	93.26 2.80 -51.40	40.58 2.89 -2.45	37.47 2.40 -2.39	38.23 2.75 -0.70	36.87 2.82 -0.65
KEDC_GLWD_GT4 24219	58.40 1.08 -44.12	31.36 1.12 -15.60	23.00 1.44 -1.25	22.34 1.54 -0.01	26.15 1.76 0.00	24.07 1.67 0.00	24.64 1.71 0.00	22.72 1.67 0.00	26.83 1.93 -1.11	33.69 2.14 -6.07	42.30 2.80 -7.47	55.57 2.90 -19.35	47.14 3.06 -10.42	77.11 2.18 -53.47	72.66 2.64 -40.43	66.36 2.97 -28.39	62.56 2.80 -24.21	48.00 2.39 -13.44	65.64 1.93 -34.29	64.46 2.50 -22.90	40.19 2.50 -2.44	37.19 2.13 -2.39	37.77 2.30 -0.70	36.28 2.23 -0.65
KEDC_GLWD_GT5 24220	58.40 1.08 -44.12	31.36 1.12 -15.60	23.00 1.44 -1.25	22.34 1.54 -0.01	26.15 1.76 0.00	24.07 1.67 0.00	24.64 1.71 0.00	22.72 1.67 0.00	26.83 1.93 -1.11	33.69 2.14 -6.07	42.30 2.80 -7.47	55.57 2.90 -19.35	47.14 3.06 -10.42	77.11 2.18 -53.47	72.66 2.64 -40.43	66.36 2.97 -28.39	62.56 2.80 -24.21	48.00 2.39 -13.44	65.64 1.93 -34.29	64.46 2.50 -22.90	40.19 2.50 -2.44	37.19 2.13 -2.39	37.77 2.30 -0.70	36.28 2.23 -0.65
KENSICO____ 23655	61.36 0.89 -47.27	32.27 0.92 -16.72	22.83 1.18 -1.34	22.05 1.25 -0.01	25.85 1.46 0.00	23.77 1.38 0.00	24.35 1.42 0.00	22.43 1.38 0.00	26.56 1.59 -1.19	33.84 1.86 -6.50	34.74 2.43 -0.28	50.54 2.53 -14.68	36.27 2.60 0.00	71.87 1.85 -48.55	76.31 2.31 -44.42	68.86 2.61 -31.25	64.72 2.52 -26.65	48.81 2.13 -14.50	67.51 1.71 -36.38	65.26 2.23 -23.96	40.04 2.18 -2.61	37.12 1.89 -2.55	37.58 2.11 -0.70	36.07 2.02 -0.65
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	14.07 0.87 0.00	15.54 0.90 0.00	21.46 1.16 0.00	22.00 1.21 0.00	25.80 1.42 0.00	23.72 1.32 0.00	24.30 1.37 0.00	22.38 1.33 0.00	25.33 1.55 0.00	27.31 1.84 0.00	34.33 2.30 0.00	35.64 2.31 0.00	35.82 2.15 0.00	17.63 1.62 5.45	31.35 1.96 0.19	37.26 2.25 0.00	37.76 2.21 0.00	33.66 1.98 0.49	28.80 1.68 2.31	39.24 2.26 2.08	37.66 2.41 0.00	34.82 2.08 -0.06	37.37 2.27 -0.34	35.83 2.12 -0.31
KIAC_JFK_GT1 23816	58.78 1.10 -44.48	31.48 1.11 -15.73	23.00 1.44 -1.26	22.29 1.48 -0.01	26.12 1.73 0.00	24.03 1.64 0.00	24.66 1.72 0.00	22.67 1.62 0.00	26.70 1.79 -1.12	33.69 2.10 -6.12	34.96 2.67 -0.27	49.97 2.83 -13.81	36.58 2.91 0.00	70.86 2.10 -47.30	72.84 2.50 -40.75	66.42 2.80 -28.61	62.68 2.73 -24.40	47.97 2.28 -13.52	65.71 1.81 -34.48	64.49 2.43 -23.00	40.09 2.38 -2.46	37.23 2.15 -2.40	37.90 2.43 -0.70	36.50 2.45 -0.65
KIAC_JFK_GT2 23817	58.78 1.10 -44.48	31.48 1.11 -15.73	23.00 1.44 -1.26	22.29 1.48 -0.01	26.12 1.73 0.00	24.03 1.64 0.00	24.66 1.72 0.00	22.67 1.62 0.00	26.70 1.79 -1.12	33.69 2.10 -6.12	34.96 2.67 -0.27	49.97 2.83 -13.81	36.58 2.91 0.00	70.86 2.10 -47.30	72.84 2.50 -40.75	66.42 2.80 -28.61	62.68 2.73 -24.40	47.97 2.28 -13.52	65.71 1.81 -34.48	64.49 2.43 -23.00	40.09 2.38 -2.46	37.23 2.15 -2.40	37.90 2.43 -0.70	36.50 2.45 -0.65
KIAC_JFK____ 323774	58.78 1.10 -44.48	31.48 1.11 -15.73	23.00 1.44 -1.26	22.29 1.48 -0.01	26.11 1.73 0.00	24.03 1.64 0.00	24.66 1.73 0.00	22.67 1.62 0.00	26.69 1.79 -1.12	33.68 2.09 -6.12	34.96 2.67 -0.27	49.97 2.83 -13.81	36.58 2.91 0.00	70.87 2.11 -47.30	72.83 2.49 -40.75	66.42 2.80 -28.61	62.68 2.73 -24.40	47.97 2.28 -13.52	65.71 1.82 -34.48	64.49 2.43 -23.00	40.09 2.38 -2.46	37.23 2.15 -2.40	37.90 2.43 -0.70	36.51 2.46 -0.65

KINTIGH____ 23543	13.33 0.13 0.00	14.70 0.07 0.00	20.50 0.20 0.00	20.98 0.18 0.00	24.79 0.40 0.00	22.61 0.21 0.00	23.29 0.36 0.00	21.07 0.02 0.00	23.88 0.09 0.00	24.92 -0.55 0.00	31.31 -0.72 0.00	32.45 -0.88 0.00	32.70 -0.97 0.00	20.46 -1.00 0.00	28.45 -1.14 0.00	33.22 -1.79 0.00	34.09 -1.46 0.00	31.28 -0.88 0.00	28.65 -0.77 0.00	38.01 -1.05 0.00	34.37 -0.88 0.00	32.23 -0.44 0.00	34.63 -0.14 0.00	33.54 0.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	13.40 0.20 0.00	14.91 0.28 0.00	20.60 0.30 0.00	21.13 0.33 0.00	24.94 0.54 0.00	22.90 0.51 0.00	23.41 0.48 0.00	21.56 0.51 0.00	24.36 0.57 0.00	26.11 0.64 0.00	32.81 0.78 0.00	34.17 0.85 0.00	34.50 0.83 0.00	22.00 0.53 0.00	30.43 0.84 0.00	36.30 1.29 0.00	37.02 1.47 0.00	33.49 1.32 0.00	30.58 1.16 0.00	40.67 1.60 0.00	36.55 1.30 0.00	33.74 1.07 0.00	35.79 1.02 0.00	34.45 1.04 0.00
LACHUTE__HYDRO 323717	24.58 1.18 -10.20	19.58 1.34 -3.61	22.33 1.74 -0.29	22.56 1.76 0.00	26.50 2.11 0.00	24.45 2.06 0.00	25.20 2.27 0.00	23.50 2.45 0.00	26.80 2.75 -0.26	29.52 2.64 -1.40	35.38 3.29 -0.06	39.84 3.35 -3.17	36.94 3.27 0.00	36.58 2.02 -13.10	42.13 2.68 -9.87	45.84 3.66 -7.16	45.93 4.27 -6.11	39.34 3.64 -3.53	42.27 3.55 -9.30	50.29 4.86 -6.36	39.98 4.17 -0.56	36.35 3.30 -0.38	37.28 3.38 0.87	35.48 2.88 0.80
LAWRNCV_115KV_TB1 80681	12.94 -0.25 0.00	14.37 -0.26 0.00	19.94 -0.36 0.00	20.40 -0.40 0.00	23.97 -0.51 -0.09	21.97 -0.48 -0.05	22.39 -0.54 0.00	20.55 -0.50 0.00	23.18 -0.61 0.00	24.93 -0.63 -0.09	31.10 -0.94 0.00	32.34 -0.99 0.00	32.64 -1.03 0.00	20.82 -0.64 0.00	28.69 -0.89 0.00	34.15 -0.85 0.00	34.74 -0.81 0.00	31.39 -0.78 0.00	28.84 -0.58 0.00	38.40 -0.67 0.00	34.56 -0.69 0.00	32.09 -0.59 -0.01	34.18 -0.64 -0.05	33.06 -0.34 0.00
LEDERLE____ 23769	-44.35 0.86 58.40	-5.14 0.88 20.65	19.77 1.12 1.65	21.96 1.18 0.01	25.77 1.38 0.00	23.70 1.30 0.00	24.30 1.37 0.00	22.38 1.33 0.00	23.84 1.53 1.47	19.24 1.81 8.04	34.01 2.33 0.35	17.61 2.42 18.14	36.15 2.48 0.00	-26.46 1.77 49.68	-16.41 2.31 48.30	-0.20 2.61 37.82	5.82 2.53 32.25	17.47 2.10 16.80	-9.39 1.67 40.48	15.40 2.13 25.79	34.08 2.06 3.23	31.56 1.78 2.90	37.42 2.02 -0.64	35.94 1.96 -0.59
LIGHTHSE_115KV_TB6 355974	13.16 -0.04 0.00	14.60 -0.03 0.00	20.26 -0.04 0.00	20.72 -0.07 0.00	25.05 -0.06 -0.73	22.75 -0.06 -0.42	22.91 -0.02 0.00	21.02 -0.03 0.00	23.78 -0.01 0.00	26.03 -0.18 -0.74	31.71 -0.32 0.00	32.88 -0.45 0.00	33.16 -0.50 0.00	21.05 -0.41 0.00	29.08 -0.51 0.00	34.39 -0.62 0.00	35.07 -0.48 0.00	31.97 -0.20 0.00	29.29 -0.13 0.00	38.94 -0.15 -0.02	35.10 -0.15 0.00	32.71 -0.05 -0.08	35.20 0.05 -0.38	33.44 0.04 0.00
LINDEN COGEN____ 23786	26.89 0.97 -12.73	26.68 0.98 -11.07	22.80 1.24 -1.26	22.10 1.30 -0.01	25.89 1.50 0.00	23.82 1.43 0.00	24.42 1.49 0.00	22.49 1.44 0.00	26.56 1.66 -1.12	33.36 1.95 -5.95	34.84 2.54 -0.27	49.78 2.64 -13.81	36.42 2.75 0.00	51.08 2.01 -27.61	72.71 2.37 -40.75	66.28 2.66 -28.61	62.51 2.56 -24.40	47.84 2.15 -13.52	65.60 1.71 -34.47	64.35 2.29 -22.99	39.99 2.29 -2.46	37.08 2.00 -2.40	37.69 2.22 -0.70	36.18 2.13 -0.65
LINDHRST_69_KV_BK1 356055	58.66 1.35 -44.12	31.65 1.41 -15.60	23.38 1.83 -1.25	22.74 1.94 -0.01	26.59 2.20 0.00	24.49 2.10 0.00	25.06 2.13 0.00	23.12 2.07 0.00	27.33 2.43 -1.11	34.52 2.94 -6.11	48.08 3.67 -12.37	62.84 3.67 -25.84	57.77 3.79 -20.32	83.66 2.67 -59.54	88.70 3.21 -55.90	93.54 3.64 -54.90	78.32 3.37 -39.41	59.84 2.98 -24.70	70.49 2.46 -38.61	67.25 3.20 -24.99	40.96 3.27 -2.44	37.88 2.82 -2.39	38.58 3.10 -0.70	37.05 3.00 -0.65
LIPA_MISC_IPP 23656	58.71 1.39 -44.12	31.70 1.46 -15.60	23.48 1.93 -1.25	22.81 2.01 -0.01	26.63 2.24 0.00	24.54 2.14 0.00	25.10 2.17 0.00	23.16 2.11 0.00	27.39 2.49 -1.11	35.03 3.06 -6.51	99.03 3.80 -63.20	130.83 3.79 -93.72	161.28 3.86 -123.75	147.21 2.74 -123.02	250.54 3.29 -217.67	370.78 3.69 -332.09	237.83 3.40 -198.88	177.66 3.07 -142.42	115.74 2.61 -83.70	89.31 3.38 -46.87	41.08 3.39 -2.44	37.91 2.85 -2.39	38.59 3.11 -0.70	37.09 3.04 -0.65
LISF__SOLAR 323691	58.74 1.42 -44.12	31.73 1.50 -15.60	23.54 1.98 -1.25	22.87 2.06 -0.01	26.68 2.30 0.00	24.60 2.20 0.00	25.16 2.23 0.00	23.22 2.17 0.00	27.46 2.56 -1.11	35.09 3.13 -6.50	99.13 3.87 -63.23	131.95 3.87 -94.76	162.98 3.96 -125.35	148.26 2.80 -124.00	253.12 3.37 -220.17	375.17 3.79 -336.37	241.48 3.52 -202.40	179.62 3.19 -144.26	116.55 2.72 -84.40	89.80 3.52 -47.21	41.22 3.52 -2.44	38.02 2.96 -2.39	38.69 3.22 -0.70	37.18 3.13 -0.65
LITTLE FALLS__HYD 24013	13.24 0.05 0.00	14.70 0.07 0.00	20.44 0.14 0.00	21.02 0.23 0.00	24.69 0.30 0.00	22.67 0.28 0.00	23.22 0.29 0.00	21.41 0.36 0.00	24.22 0.43 0.00	25.90 0.43 0.00	32.47 0.43 0.00	33.70 0.38 0.00	34.01 0.35 0.00	21.75 0.29 0.00	30.07 0.48 0.00	35.64 0.63 0.00	36.19 0.64 0.00	32.79 0.63 0.00	30.07 0.65 0.00	39.94 0.88 0.00	36.01 0.76 0.00	33.07 0.39 0.00	35.28 0.51 0.00	33.73 0.33 0.00
LITTLRIV_115KV_TB1 356100	13.09 -0.10 0.00	14.53 -0.10 0.00	20.16 -0.14 0.00	20.62 -0.17 0.00	24.22 -0.27 -0.09	22.19 -0.26 -0.05	22.63 -0.30 0.00	20.78 -0.27 0.00	23.40 -0.38 0.00	25.10 -0.46 -0.10	31.27 -0.76 0.00	32.55 -0.77 0.00	32.87 -0.80 0.00	20.97 -0.49 0.00	28.89 -0.69 0.00	34.42 -0.59 0.00	35.02 -0.52 0.00	31.71 -0.46 0.00	29.20 -0.22 0.00	38.95 -0.11 0.00	35.05 -0.20 0.00	32.54 -0.15 -0.01	34.61 -0.21 -0.05	33.44 0.03 0.00
LI_NEWBRDGE__DRP 323616	58.33 1.01 -44.12	31.29 1.05 -15.60	22.90 1.34 -1.25	22.25 1.45 -0.01	26.03 1.63 0.00	23.95 1.56 0.00	24.51 1.58 0.00	22.61 1.56 0.00	26.71 1.81 -1.11	33.75 2.21 -6.07	42.29 2.78 -7.47	55.47 2.79 -19.35	47.04 2.95 -10.42	77.07 2.14 -53.47	72.50 2.48 -40.43	66.15 2.76 -28.39	62.31 2.55 -24.21	47.82 2.21 -13.44	65.48 1.76 -34.29	64.25 2.29 -22.90	40.07 2.38 -2.44	37.07 2.00 -2.39	37.70 2.22 -0.70	36.21 2.17 -0.65
LOCKPORT_115KV_TB60_63_64 80432	13.28 0.09 0.00	14.64 0.01 0.00	20.44 0.13 0.00	21.01 0.22 0.00	24.90 0.51 0.00	22.70 0.30 0.00	23.40 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.79 -0.68 0.00	31.14 -0.89 0.00	32.28 -1.05 0.00	32.38 -1.29 0.00	20.19 -1.27 0.00	28.16 -1.43 0.00	32.78 -2.23 0.00	33.66 -1.89 0.00	30.99 -1.18 0.00	28.40 -1.02 0.00	37.64 -1.42 0.00	34.08 -1.17 0.00	32.01 -0.67 0.00	34.46 -0.31 0.00	33.45 0.04 0.00
LOCKPORT__CC1 323769	13.24 0.05 0.00	14.61 -0.01 0.00	20.41 0.11 0.00	21.01 0.21 0.00	24.92 0.53 0.00	22.70 0.31 0.00	23.40 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.80 -0.66 0.00	31.15 -0.89 0.00	32.29 -1.03 0.00	32.37 -1.30 0.00	20.17 -1.29 0.00	28.18 -1.40 0.00	32.79 -2.22 0.00	33.66 -1.89 0.00	30.97 -1.19 0.00	28.40 -1.02 0.00	37.63 -1.43 0.00	34.06 -1.19 0.00	32.00 -0.68 0.00	34.45 -0.32 0.00	33.44 0.04 0.00

LOCKPORT___CC2 323770	13.24 0.05 0.00	14.61 -0.01 0.00	20.41 0.11 0.00	21.01 0.21 0.00	24.92 0.53 0.00	22.70 0.31 0.00	23.40 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.80 -0.66 0.00	31.15 -0.89 0.00	32.29 -1.03 0.00	32.37 -1.30 0.00	20.17 -1.29 0.00	28.18 -1.40 0.00	32.79 -2.22 0.00	33.66 -1.89 0.00	30.97 -1.19 0.00	28.40 -1.02 0.00	37.63 -1.43 0.00	34.06 -1.19 0.00	32.00 -0.68 0.00	34.45 -0.32 0.00	33.44 0.04 0.00
LOCKPORT___CC3 323771	13.24 0.05 0.00	14.61 -0.01 0.00	20.41 0.11 0.00	21.01 0.21 0.00	24.92 0.53 0.00	22.70 0.31 0.00	23.40 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.80 -0.66 0.00	31.15 -0.89 0.00	32.29 -1.03 0.00	32.37 -1.30 0.00	20.17 -1.29 0.00	28.18 -1.40 0.00	32.79 -2.22 0.00	33.66 -1.89 0.00	30.97 -1.19 0.00	28.40 -1.02 0.00	37.63 -1.43 0.00	34.06 -1.19 0.00	32.00 -0.68 0.00	34.45 -0.32 0.00	33.44 0.04 0.00
LONG_LAKE_PHOENIX 24014	13.03 -0.16 0.00	14.46 -0.17 0.00	20.07 -0.23 0.00	20.53 -0.26 0.00	25.11 -0.29 -1.02	22.72 -0.27 -0.59	22.69 -0.24 0.00	20.81 -0.24 0.00	23.52 -0.26 0.00	26.16 -0.34 -1.03	31.61 -0.42 0.00	32.85 -0.48 0.00	33.18 -0.48 0.00	21.06 -0.40 0.00	29.09 -0.49 0.00	34.34 -0.67 0.00	34.97 -0.58 0.00	31.77 -0.40 0.00	29.04 -0.39 0.00	38.60 -0.50 -0.03	34.80 -0.45 0.00	32.43 -0.36 -0.11	34.96 -0.35 -0.54	33.06 -0.34 0.00
LOVETT___3 23632	-46.91 0.78 60.89	-6.09 0.81 21.53	19.60 1.02 1.72	21.86 1.08 0.01	25.66 1.26 0.00	23.59 1.19 0.00	24.17 1.24 0.00	22.27 1.21 0.00	23.64 1.39 1.54	18.75 1.66 8.38	33.80 2.13 0.37	16.62 2.20 18.91	35.92 2.26 0.00	-27.93 1.62 51.01	-15.67 2.10 47.36	-0.88 2.35 38.24	5.20 2.26 32.62	16.97 1.86 17.06	-10.37 1.46 41.25	14.55 1.86 26.37	33.71 1.82 3.36	31.21 1.56 3.02	37.21 1.80 -0.64	35.77 1.77 -0.59
LOVETT___4 23642	-46.91 0.78 60.89	-6.09 0.81 21.53	19.60 1.02 1.72	21.86 1.08 0.01	25.66 1.26 0.00	23.59 1.19 0.00	24.17 1.24 0.00	22.27 1.21 0.00	23.64 1.39 1.54	18.75 1.66 8.38	33.80 2.13 0.37	16.62 2.20 18.91	35.92 2.26 0.00	-27.93 1.62 51.01	-15.67 2.10 47.36	-0.88 2.35 38.24	5.20 2.26 32.62	16.97 1.86 17.06	-10.37 1.46 41.25	14.55 1.86 26.37	33.71 1.82 3.36	31.21 1.56 3.02	37.21 1.80 -0.64	35.77 1.77 -0.59
LOVETT___5 23593	-46.91 0.78 60.89	-6.09 0.81 21.53	19.60 1.02 1.72	21.86 1.08 0.01	25.66 1.26 0.00	23.59 1.19 0.00	24.17 1.24 0.00	22.27 1.21 0.00	23.64 1.39 1.54	18.75 1.66 8.38	33.80 2.13 0.37	16.62 2.20 18.91	35.92 2.26 0.00	-27.93 1.62 51.01	-15.67 2.10 47.36	-0.88 2.35 38.24	5.20 2.26 32.62	16.97 1.86 17.06	-10.37 1.46 41.25	14.55 1.86 26.37	33.71 1.82 3.36	31.21 1.56 3.02	37.21 1.80 -0.64	35.77 1.77 -0.59
LOWER RAQUET___HYD 24057	12.90 -0.30 0.00	14.33 -0.30 0.00	19.88 -0.42 0.00	20.33 -0.46 0.00	23.91 -0.58 -0.10	21.91 -0.55 -0.06	22.31 -0.62 0.00	20.48 -0.57 0.00	23.10 -0.68 0.00	24.85 -0.72 -0.10	30.95 -1.09 0.00	32.17 -1.15 0.00	32.48 -1.19 0.00	20.72 -0.75 0.00	28.55 -1.04 0.00	34.00 -1.00 0.00	34.59 -0.96 0.00	31.27 -0.90 0.00	28.74 -0.68 0.00	38.28 -0.79 0.00	34.45 -0.80 0.00	31.99 -0.69 -0.01	34.10 -0.73 -0.05	33.03 -0.37 0.00
LOWER___HUDSON 24059	24.35 0.50 -10.65	18.94 0.54 -3.77	21.38 0.78 -0.30	21.62 0.82 0.00	25.34 0.95 0.00	23.33 0.94 0.00	23.89 0.95 0.00	21.95 0.90 0.00	25.05 1.00 -0.27	28.01 1.07 -1.47	33.46 1.36 -0.06	38.03 1.40 -3.31	34.96 1.29 0.00	36.15 0.92 -13.77	41.08 1.19 -10.30	44.02 1.54 -7.48	43.49 1.56 -6.38	37.21 1.35 -3.70	40.38 1.18 -9.78	47.31 1.54 -6.70	37.27 1.43 -0.59	34.18 1.14 -0.36	34.89 1.22 1.10	33.50 1.11 1.01
LOWVILLE_115KV_TB2 356335	13.32 0.12 0.00	14.86 0.23 0.00	20.66 0.35 0.00	21.13 0.33 0.00	25.00 0.38 -0.23	22.89 0.36 -0.13	23.36 0.43 0.00	21.46 0.41 0.00	24.26 0.48 0.00	26.11 0.41 -0.23	32.40 0.37 0.00	33.55 0.22 0.00	33.84 0.17 0.00	21.54 0.08 0.00	29.71 0.12 0.00	35.22 0.21 0.00	36.03 0.48 0.00	32.83 0.66 0.00	30.15 0.73 0.00	40.08 1.01 -0.01	36.04 0.79 0.00	33.40 0.70 -0.03	35.60 0.71 -0.12	34.14 0.74 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.17 0.73 -10.24	19.05 0.79 -3.62	21.69 1.10 -0.29	21.94 1.15 0.00	25.74 1.36 0.00	23.68 1.29 0.00	24.26 1.33 0.00	22.33 1.27 0.00	25.49 1.45 -0.26	28.39 1.51 -1.41	33.95 1.85 -0.06	38.45 1.94 -3.18	35.53 1.87 0.00	35.92 1.30 -13.16	41.14 1.65 -9.91	44.26 2.06 -7.19	43.83 2.14 -6.14	37.65 1.94 -3.54	40.51 1.74 -9.35	47.85 2.39 -6.40	38.05 2.23 -0.57	34.93 1.88 -0.38	35.82 1.94 0.89	34.29 1.71 0.82
LUTHERNY_35_KV_BK2 355980	24.18 0.74 -10.24	19.06 0.81 -3.62	21.71 1.12 -0.29	21.96 1.16 0.00	25.75 1.36 0.00	23.70 1.30 0.00	24.28 1.35 0.00	22.35 1.29 0.00	25.51 1.47 -0.26	28.41 1.53 -1.41	33.95 1.86 -0.06	38.48 1.97 -3.18	35.57 1.90 0.00	35.94 1.32 -13.16	41.17 1.68 -9.91	44.28 2.09 -7.19	43.86 2.18 -6.14	37.68 1.97 -3.54	40.55 1.78 -9.35	47.89 2.43 -6.40	38.11 2.29 -0.57	34.95 1.90 -0.38	35.85 1.98 0.89	34.32 1.74 0.82
LWR___OSWEGATCHIE_HYD 23850	13.07 -0.12 0.00	14.55 -0.09 0.00	20.19 -0.11 0.00	20.65 -0.14 0.00	24.40 -0.18 -0.19	22.34 -0.17 -0.11	22.74 -0.19 0.00	20.90 -0.16 0.00	23.60 -0.19 0.00	25.40 -0.26 -0.20	31.52 -0.52 0.00	32.68 -0.65 0.00	32.98 -0.69 0.00	21.00 -0.46 0.00	28.96 -0.62 0.00	34.42 -0.59 0.00	35.16 -0.40 0.00	31.94 -0.22 0.00	29.35 -0.07 0.00	39.06 -0.01 -0.01	35.14 -0.11 0.00	32.59 -0.10 -0.02	34.77 -0.11 -0.10	33.48 0.08 0.00
LYONS_FALL_HYD 23570	13.41 0.22 0.00	14.92 0.29 0.00	20.72 0.41 0.00	21.20 0.40 0.00	25.04 0.47 -0.17	22.94 0.45 -0.10	23.43 0.50 0.00	21.54 0.48 0.00	24.35 0.56 0.00	26.19 0.54 -0.17	32.62 0.59 0.00	33.83 0.50 0.00	34.14 0.48 0.00	21.74 0.28 0.00	29.97 0.39 0.00	35.50 0.49 0.00	36.23 0.68 0.00	32.96 0.79 0.00	30.23 0.81 0.00	40.18 1.11 -0.01	36.16 0.91 0.00	33.50 0.80 -0.02	35.68 0.82 -0.09	34.20 0.80 0.00
MADISON___COUNTY_LFGE 323628	13.58 0.38 0.00	15.05 0.42 0.00	20.87 0.57 0.00	21.36 0.57 0.00	25.25 0.68 -0.18	23.13 0.63 -0.10	23.62 0.69 0.00	21.68 0.63 0.00	24.52 0.73 0.00	26.39 0.74 -0.18	32.94 0.91 0.00	34.24 0.91 0.00	34.61 0.94 0.00	22.02 0.56 0.00	30.34 0.76 0.00	35.86 0.85 0.00	36.55 1.01 0.00	33.19 1.02 0.00	30.42 1.00 0.00	40.41 1.34 -0.01	36.41 1.16 0.00	33.75 1.05 -0.02	35.95 1.08 -0.09	34.39 0.98 0.00
MALONE___115KV_TB1 356076	13.24 0.04 0.00	14.72 0.09 0.00	20.36 0.06 0.00	20.86 0.07 0.00	24.58 0.18 0.00	22.55 0.15 0.00	23.03 0.10 0.00	21.21 0.16 0.00	23.95 0.17 0.00	25.70 0.23 0.00	32.34 0.31 0.00	33.63 0.30 0.00	33.94 0.28 0.00	21.63 0.17 0.00	29.91 0.32 0.00	35.64 0.63 0.00	36.30 0.75 0.00	32.83 0.66 0.00	30.06 0.64 0.00	40.02 0.95 0.00	36.00 0.74 0.00	33.28 0.60 0.00	35.29 0.52 0.00	34.04 0.64 0.00

MAPLEWOD_115KV_TB3 80458	24.17 0.42 -10.55	18.81 0.45 -3.73	21.23 0.63 -0.30	21.48 0.68 0.00	25.20 0.81 0.00	23.18 0.78 0.00	23.72 0.79 0.00	21.81 0.76 0.00	24.87 0.82 -0.27	27.84 0.91 -1.45	33.30 1.20 -0.06	37.87 1.26 -3.28	34.89 1.22 0.00	35.96 0.89 -13.61	40.97 1.17 -10.21	43.86 1.44 -7.41	43.37 1.50 -6.32	37.11 1.28 -3.65	40.17 1.10 -9.64	47.09 1.42 -6.60	37.15 1.32 -0.58	34.12 1.05 -0.40	35.03 1.13 0.87	33.62 1.02 0.80
MAPLE RIDGE_WT_1 323574	13.20 0.00 0.00	14.66 0.03 0.00	20.36 0.06 0.00	20.86 0.06 0.00	24.47 0.08 0.00	22.46 0.07 0.00	23.00 0.07 0.00	21.12 0.06 0.00	23.87 0.09 0.00	25.55 0.08 0.00	32.13 0.10 0.00	33.43 0.10 0.00	33.77 0.10 0.00	21.54 0.08 0.00	29.68 0.09 0.00	35.11 0.10 0.00	35.66 0.11 0.00	32.29 0.12 0.00	29.51 0.09 0.00	39.18 0.12 0.00	35.36 0.10 0.00	32.72 0.04 0.00	34.85 0.08 0.00	33.50 0.09 0.00
MAPLE RIDGE_WT_2 323611	13.20 0.00 0.00	14.66 0.03 0.00	20.36 0.06 0.00	20.86 0.06 0.00	24.47 0.08 0.00	22.46 0.07 0.00	23.00 0.07 0.00	21.12 0.06 0.00	23.87 0.09 0.00	25.55 0.08 0.00	32.13 0.10 0.00	33.43 0.10 0.00	33.77 0.10 0.00	21.54 0.08 0.00	29.68 0.09 0.00	35.11 0.10 0.00	35.66 0.11 0.00	32.29 0.12 0.00	29.51 0.09 0.00	39.18 0.12 0.00	35.36 0.10 0.00	32.72 0.04 0.00	34.85 0.08 0.00	33.50 0.09 0.00
MARBLE_RIVER_WT_PWR 323696	13.20 0.00 0.00	14.70 0.06 0.00	20.32 0.02 0.00	20.84 0.04 0.00	24.60 0.21 0.00	22.59 0.19 0.00	23.06 0.12 0.00	21.23 0.18 0.00	23.98 0.19 0.00	25.74 0.27 0.00	32.44 0.40 0.00	33.79 0.46 0.00	34.11 0.44 0.00	21.74 0.27 0.00	30.06 0.47 0.00	35.83 0.82 0.00	36.49 0.94 0.00	32.98 0.81 0.00	30.12 0.70 0.00	40.06 1.00 0.00	36.01 0.76 0.00	33.28 0.61 0.00	35.31 0.54 0.00	34.01 0.61 0.00
MARSHVLE_115KV_TB1 80742	24.38 1.26 -9.92	19.46 1.32 -3.51	22.35 1.77 -0.28	22.52 1.73 0.00	26.44 2.05 0.00	24.22 1.83 0.00	24.89 1.96 0.00	22.83 1.77 0.00	26.10 2.07 -0.25	28.84 2.00 -1.37	34.46 2.37 -0.06	38.68 2.27 -3.08	35.91 2.24 0.00	35.46 1.31 -12.69	41.10 1.92 -9.60	44.25 2.27 -6.97	43.99 2.49 -5.94	38.20 2.61 -3.42	41.03 2.61 -9.01	48.95 3.73 -6.15	39.26 3.47 -0.55	36.12 3.05 -0.39	37.35 3.29 0.71	35.83 3.08 0.65
MARSH_HILL_WT_PWR 323713	13.66 0.46 0.00	15.15 0.52 0.00	21.04 0.74 0.00	21.53 0.73 0.00	25.49 0.98 -0.11	23.27 0.81 -0.07	23.84 0.91 0.00	21.73 0.68 0.00	24.61 0.82 0.00	26.08 0.50 -0.11	32.60 0.57 0.00	33.84 0.51 0.00	33.95 0.28 0.00	21.32 -0.14 0.00	29.66 0.07 0.00	34.70 -0.31 0.00	35.69 0.14 0.00	32.68 0.51 0.00	29.90 0.48 0.00	39.75 0.68 0.00	35.79 0.54 0.00	33.52 0.83 -0.01	35.84 1.01 -0.06	34.46 1.05 0.00
MCINTYRE_115KV_TB2 80467	13.22 0.02 0.00	14.66 0.03 0.00	20.34 0.04 0.00	20.81 0.01 0.00	24.40 -0.07 -0.08	22.37 -0.07 -0.05	22.84 -0.09 0.00	20.96 -0.08 0.00	23.58 -0.21 0.00	25.22 -0.34 -0.09	31.46 -0.57 0.00	32.78 -0.55 0.00	33.09 -0.57 0.00	21.11 -0.35 0.00	29.09 -0.49 0.00	34.65 -0.36 0.00	35.26 -0.29 0.00	31.92 -0.25 0.00	29.46 0.04 0.00	39.34 0.28 0.00	35.42 0.17 0.00	32.87 0.19 -0.01	34.90 0.09 -0.05	33.64 0.23 0.00
MECO____69_KV_BK1 80468	24.79 1.67 -9.92	19.94 1.80 -3.51	22.98 2.40 -0.28	23.17 2.37 0.00	27.21 2.82 0.00	24.97 2.57 0.00	25.66 2.73 0.00	23.43 2.38 0.00	26.77 2.73 -0.25	28.96 2.13 -1.37	34.05 1.96 -0.06	37.86 1.45 -3.08	35.37 1.70 0.00	33.92 -0.23 -12.69	39.92 0.74 -9.60	44.52 2.54 -6.97	44.00 2.51 -5.94	38.60 3.01 -3.42	42.35 3.93 -9.01	50.71 5.50 -6.15	40.85 5.06 -0.55	37.53 4.46 -0.39	38.71 4.65 0.71	36.98 4.23 0.65
MENANDS__115KV_TB5 355628	24.09 0.33 -10.57	18.72 0.35 -3.74	21.10 0.49 -0.30	21.35 0.55 0.00	25.05 0.66 0.00	23.04 0.65 0.00	23.57 0.64 0.00	21.68 0.63 0.00	24.72 0.67 -0.27	27.68 0.75 -1.45	33.10 1.01 -0.06	37.67 1.06 -3.28	34.65 0.99 0.00	35.83 0.74 -13.63	40.78 0.97 -10.22	43.64 1.22 -7.42	43.12 1.24 -6.33	36.87 1.05 -3.66	39.94 0.87 -9.65	46.78 1.11 -6.61	36.87 1.03 -0.58	33.87 0.79 -0.40	34.76 0.85 0.87	33.37 0.76 0.80
MG INDUSTRY__DRP 24185	23.16 0.37 -9.59	18.43 0.41 -3.39	21.15 0.58 -0.27	21.45 0.66 0.00	25.19 0.80 0.00	23.16 0.77 0.00	23.67 0.74 0.00	21.77 0.72 0.00	24.78 0.75 -0.24	27.60 0.81 -1.32	33.15 1.06 -0.06	37.42 1.12 -2.98	34.73 1.06 0.00	34.25 0.76 -12.03	39.87 1.02 -9.26	42.98 1.25 -6.73	42.56 1.27 -5.74	36.56 1.11 -3.28	38.95 0.95 -8.58	46.14 1.24 -5.83	36.93 1.15 -0.53	33.99 0.91 -0.40	35.23 0.99 0.53	33.84 0.92 0.49
MID__OSWEGATCHIE_HYD 23849	13.07 -0.12 0.00	14.55 -0.09 0.00	20.19 -0.11 0.00	20.65 -0.14 0.00	24.40 -0.18 -0.19	22.34 -0.17 -0.11	22.74 -0.19 0.00	20.90 -0.16 0.00	23.60 -0.19 0.00	25.40 -0.26 -0.20	31.52 -0.52 0.00	32.68 -0.65 0.00	32.98 -0.69 0.00	21.00 -0.46 0.00	28.96 -0.62 0.00	34.42 -0.59 0.00	35.16 -0.40 0.00	31.94 -0.22 0.00	29.35 -0.07 0.00	39.06 -0.01 -0.01	35.14 -0.11 0.00	32.59 -0.10 -0.02	34.77 -0.11 -0.10	33.48 0.08 0.00
MID__RAQUETTE_HYD 23851	12.90 -0.30 0.00	14.33 -0.30 0.00	19.88 -0.42 0.00	20.34 -0.46 0.00	23.91 -0.58 -0.10	21.91 -0.55 -0.06	22.31 -0.62 0.00	20.48 -0.57 0.00	23.10 -0.68 0.00	24.86 -0.72 -0.10	30.95 -1.09 0.00	32.17 -1.15 0.00	32.48 -1.19 0.00	20.72 -0.74 0.00	28.55 -1.04 0.00	34.00 -1.01 0.00	34.59 -0.96 0.00	31.27 -0.90 0.00	28.74 -0.68 0.00	38.28 -0.79 0.00	34.45 -0.80 0.00	31.99 -0.69 -0.01	34.10 -0.73 -0.05	33.03 -0.38 0.00
MILLIKEN__1 23584	13.55 0.35 0.00	15.03 0.40 0.00	20.81 0.50 0.00	21.31 0.51 0.00	25.40 0.64 -0.37	23.16 0.55 -0.22	23.55 0.62 0.00	21.63 0.57 0.00	24.50 0.72 0.00	26.47 0.62 -0.38	32.82 0.79 0.00	34.09 0.76 0.00	34.43 0.76 0.00	21.80 0.34 0.00	30.20 0.61 0.00	35.59 0.58 0.00	36.28 0.73 0.00	33.06 0.89 0.00	30.28 0.86 0.00	40.21 1.13 -0.01	36.17 0.92 0.00	33.66 0.94 -0.04	35.94 0.97 -0.20	34.31 0.91 0.00
MILLIKEN__2 23585	13.55 0.35 0.00	15.03 0.40 0.00	20.81 0.50 0.00	21.31 0.51 0.00	25.40 0.64 -0.37	23.16 0.55 -0.22	23.55 0.62 0.00	21.63 0.57 0.00	24.50 0.72 0.00	26.47 0.62 -0.38	32.82 0.79 0.00	34.09 0.76 0.00	34.43 0.76 0.00	21.80 0.34 0.00	30.20 0.61 0.00	35.59 0.58 0.00	36.28 0.73 0.00	33.06 0.89 0.00	30.28 0.86 0.00	40.21 1.13 -0.01	36.17 0.92 0.00	33.66 0.94 -0.04	35.94 0.97 -0.20	34.31 0.91 0.00
MILLIKEN__DIESEL 23629	13.55 0.35 0.00	15.03 0.40 0.00	20.81 0.50 0.00	21.31 0.51 0.00	25.40 0.64 -0.37	23.16 0.55 -0.22	23.55 0.62 0.00	21.63 0.57 0.00	24.50 0.72 0.00	26.47 0.62 -0.38	32.82 0.79 0.00	34.09 0.76 0.00	34.43 0.76 0.00	21.80 0.34 0.00	30.20 0.61 0.00	35.59 0.58 0.00	36.28 0.73 0.00	33.06 0.89 0.00	30.28 0.86 0.00	40.21 1.13 -0.01	36.17 0.92 0.00	33.66 0.94 -0.04	35.94 0.97 -0.20	34.31 0.91 0.00

MILLSEAT___LFGE 323607	13.51 0.32 0.00	14.89 0.26 0.00	20.77 0.47 0.00	21.31 0.52 0.00	25.24 0.85 0.00	23.02 0.63 0.00	23.73 0.80 0.00	21.44 0.39 0.00	24.30 0.51 0.00	25.32 -0.15 0.00	31.76 -0.28 0.00	33.01 -0.32 0.00	33.18 -0.49 0.00	20.74 -0.73 0.00	28.91 -0.68 0.00	33.67 -1.34 0.00	34.57 -0.98 0.00	31.81 -0.36 0.00	29.16 -0.26 0.00	38.66 -0.40 0.00	34.98 -0.27 0.00	32.77 0.10 0.00	35.20 0.43 0.00	34.08 0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	63.40 0.85 -49.36	32.97 0.88 -17.46	22.83 1.13 -1.40	22.00 1.19 -0.01	25.77 1.38 0.00	23.71 1.31 0.00	24.28 1.35 0.00	22.37 1.32 0.00	26.55 1.52 -1.24	34.05 1.79 -6.79	34.64 2.32 -0.30	51.08 2.42 -15.33	36.15 2.48 0.00	78.52 1.77 -55.29	233.59 2.22 -201.78	189.62 2.51 -152.10	167.72 2.44 -129.74	89.04 2.04 -54.83	133.51 1.64 -102.46	90.41 2.13 -49.22	40.05 2.07 -2.73	37.12 1.79 -2.65	37.47 2.01 -0.70	35.96 1.92 -0.64
MILLWOOD_13_KV_LOAD 356217	63.45 0.89 -49.36	33.02 0.93 -17.46	22.90 1.20 -1.40	22.06 1.26 -0.01	25.85 1.46 0.00	23.78 1.38 0.00	24.37 1.44 0.00	22.44 1.39 0.00	26.63 1.60 -1.24	34.14 1.88 -6.79	34.77 2.44 -0.30	51.22 2.57 -15.33	36.30 2.64 0.00	78.61 1.87 -55.29	233.73 2.36 -201.78	189.79 2.68 -152.10	167.90 2.62 -129.74	89.19 2.19 -54.83	133.64 1.77 -102.46	90.58 2.29 -49.22	40.19 2.21 -2.73	37.25 1.92 -2.65	37.61 2.14 -0.70	36.09 2.05 -0.64
MODEL_CITY_ENERGY 24167	13.19 -0.01 0.00	14.52 -0.11 0.00	20.27 -0.04 0.00	20.80 0.01 0.00	24.66 0.28 0.00	22.48 0.08 0.00	23.16 0.23 0.00	20.85 -0.20 0.00	23.62 -0.17 0.00	24.51 -0.96 0.00	30.78 -1.26 0.00	31.91 -1.42 0.00	31.99 -1.68 0.00	19.95 -1.51 0.00	27.85 -1.74 0.00	32.39 -2.61 0.00	33.23 -2.32 0.00	30.61 -1.56 0.00	28.06 -1.36 0.00	37.17 -1.89 0.00	33.68 -1.57 0.00	31.63 -1.04 0.00	34.08 -0.69 0.00	33.09 -0.31 0.00
MODERN_LFGE___ 323580	13.19 -0.01 0.00	14.52 -0.11 0.00	20.27 -0.04 0.00	20.80 0.01 0.00	24.66 0.28 0.00	22.48 0.08 0.00	23.16 0.23 0.00	20.85 -0.20 0.00	23.62 -0.17 0.00	24.51 -0.96 0.00	30.78 -1.26 0.00	31.91 -1.42 0.00	31.99 -1.68 0.00	19.95 -1.51 0.00	27.85 -1.74 0.00	32.39 -2.61 0.00	33.23 -2.32 0.00	30.61 -1.56 0.00	28.06 -1.36 0.00	37.17 -1.89 0.00	33.68 -1.57 0.00	31.63 -1.04 0.00	34.08 -0.69 0.00	33.09 -0.31 0.00
MOHAWK_PAPER___DRP 24187	24.17 0.42 -10.55	18.81 0.45 -3.73	21.23 0.63 -0.30	21.48 0.68 0.00	25.20 0.81 0.00	23.18 0.78 0.00	23.72 0.79 0.00	21.81 0.76 0.00	24.87 0.82 -0.27	27.84 0.91 -1.45	33.30 1.20 -0.06	37.87 1.26 -3.28	34.89 1.22 0.00	35.96 0.89 -13.61	40.97 1.17 -10.21	43.86 1.44 -7.41	43.37 1.50 -6.32	37.11 1.28 -3.65	40.17 1.10 -9.64	47.09 1.42 -6.60	37.15 1.32 -0.58	34.12 1.05 -0.40	35.03 1.13 0.87	33.62 1.02 0.80
MOHICAN___35_KV_115KV_LD 80490	24.21 0.80 -10.22	19.10 0.85 -3.61	21.75 1.16 -0.29	22.00 1.20 0.00	25.83 1.44 0.00	23.77 1.37 0.00	24.40 1.47 0.00	22.52 1.47 0.00	25.72 1.67 -0.26	28.56 1.68 -1.41	34.05 1.96 -0.06	38.55 2.05 -3.17	35.59 1.92 0.00	35.96 1.37 -13.13	41.05 1.58 -9.89	44.26 2.08 -7.18	43.94 2.27 -6.12	37.72 2.02 -3.53	40.64 1.89 -9.32	48.17 2.73 -6.38	38.41 2.59 -0.57	35.18 2.13 -0.38	36.06 2.17 0.88	34.35 1.76 0.81
MONGAUP___HYD 23641	-20.68 0.74 34.62	3.17 0.78 12.24	20.34 1.01 0.98	21.84 1.05 0.01	25.61 1.22 0.00	23.54 1.15 0.00	24.12 1.19 0.00	22.19 1.14 0.00	24.19 1.28 0.87	22.15 1.45 4.76	33.55 1.72 0.21	24.25 1.67 10.75	35.36 1.69 0.00	-13.15 1.16 35.78	-1.74 1.50 32.83	12.82 1.88 24.07	17.02 1.99 20.53	23.17 2.06 11.06	3.68 1.76 27.50	23.35 2.28 17.99	35.44 2.10 1.91	32.81 1.82 1.69	37.26 1.94 -0.55	35.73 1.81 -0.51
MONTAUK___DIESEL 23721	59.46 2.14 -44.12	32.50 2.26 -15.60	24.56 3.00 -1.25	23.91 3.10 -0.01	27.91 3.52 0.00	25.72 3.32 0.00	26.34 3.41 0.00	24.30 3.25 0.00	28.84 3.94 -1.11	36.69 4.72 -6.51	101.17 5.88 -63.26	133.44 5.95 -94.16	163.80 5.70 -124.43	148.90 4.00 -123.43	253.40 5.08 -218.73	374.66 5.74 -333.91	241.33 5.47 -200.31	180.70 5.33 -143.20	118.14 4.72 -84.00	92.15 6.07 -47.01	43.33 5.64 -2.44	39.97 4.92 -2.39	40.72 5.24 -0.70	39.03 4.98 -0.65
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.77 0.58 0.00	15.22 0.59 0.00	21.16 0.86 0.00	21.67 0.87 0.00	25.57 1.18 0.00	23.33 0.93 0.00	24.08 1.15 0.00	21.80 0.75 0.00	24.76 0.97 0.00	25.92 0.45 0.00	32.55 0.52 0.00	33.65 0.32 0.00	33.80 0.14 0.00	21.12 -0.34 0.00	29.59 0.00 0.00	34.51 -0.50 0.00	35.42 -0.13 0.00	32.50 0.33 0.00	29.74 0.32 0.00	39.49 0.43 0.00	35.56 0.31 0.00	33.49 0.81 0.00	35.88 1.11 0.00	34.62 1.22 0.00
MORTIMER_115KV_TB3 55949	13.42 0.23 0.00	14.82 0.18 0.00	20.62 0.31 0.00	21.09 0.30 0.00	24.86 0.47 0.00	22.74 0.34 0.00	23.40 0.47 0.00	21.27 0.22 0.00	24.11 0.32 0.00	25.34 -0.12 0.00	31.87 -0.17 0.00	33.15 -0.18 0.00	33.67 0.00 0.00	21.16 -0.30 0.00	29.35 -0.23 0.00	34.42 -0.59 0.00	35.24 -0.31 0.00	32.24 0.07 0.00	29.51 0.09 0.00	39.18 0.12 0.00	35.41 0.16 0.00	33.06 0.38 0.00	35.37 0.60 0.00	34.12 0.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	58.68 1.02 -44.46	31.41 1.05 -15.72	22.91 1.34 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.60 0.00	22.61 1.55 0.00	26.69 1.78 -1.12	33.67 2.08 -6.12	35.00 2.70 -0.27	49.96 2.82 -13.81	36.58 2.91 0.00	70.83 2.08 -47.29	72.84 2.53 -40.73	66.44 2.84 -28.60	62.70 2.76 -24.39	48.02 2.34 -13.52	65.78 1.89 -34.47	64.56 2.51 -22.99	40.18 2.48 -2.46	37.26 2.18 -2.40	37.89 2.41 -0.70	36.36 2.31 -0.65
MUNSVILLE_WIND_PWR 323609	14.34 1.14 0.00	15.84 1.21 0.00	21.96 1.65 0.00	22.47 1.67 0.00	26.63 2.01 -0.24	24.33 1.79 -0.14	24.86 1.93 0.00	22.90 1.84 0.00	25.98 2.20 0.00	27.98 2.27 -0.24	34.87 2.84 0.00	36.15 2.82 0.00	36.37 2.71 0.00	23.09 1.63 0.00	31.95 2.36 0.00	37.88 2.88 0.00	38.62 3.07 0.00	35.22 3.05 0.00	32.33 2.91 0.00	42.91 3.84 -0.01	38.54 3.29 0.00	35.67 2.97 -0.03	37.87 2.97 -0.12	36.23 2.83 0.00
N SALMON___HYD 24042	13.24 0.04 0.00	14.72 0.09 0.00	20.36 0.06 0.00	20.86 0.07 0.00	24.58 0.18 0.00	22.55 0.15 0.00	23.03 0.10 0.00	21.21 0.16 0.00	23.95 0.17 0.00	25.70 0.23 0.00	32.34 0.31 0.00	33.63 0.30 0.00	33.94 0.28 0.00	21.63 0.17 0.00	29.91 0.32 0.00	35.64 0.63 0.00	36.30 0.75 0.00	32.83 0.66 0.00	30.06 0.64 0.00	40.02 0.95 0.00	36.00 0.75 0.00	33.28 0.60 0.00	35.29 0.52 0.00	34.04 0.64 0.00
N.AKRON___115KV_KNAPP 355671	13.47 0.27 0.00	14.85 0.21 0.00	20.72 0.41 0.00	21.27 0.48 0.00	25.20 0.81 0.00	22.98 0.59 0.00	23.69 0.76 0.00	21.39 0.33 0.00	24.23 0.44 0.00	25.20 -0.27 0.00	31.63 -0.40 0.00	32.82 -0.50 0.00	32.96 -0.71 0.00	20.57 -0.89 0.00	28.68 -0.90 0.00	33.39 -1.61 0.00	34.30 -1.25 0.00	31.59 -0.58 0.00	28.96 -0.46 0.00	38.40 -0.66 0.00	34.75 -0.50 0.00	32.59 -0.08 0.00	35.03 0.26 0.00	33.96 0.55 0.00

N.BELMOR_69_KV_BK1 55787	58.48 1.16 -44.12	31.43 1.19 -15.60	23.09 1.54 -1.25	22.46 1.66 -0.01	26.27 1.88 0.00	24.18 1.78 0.00	24.73 1.80 0.00	22.82 1.77 0.00	26.97 2.07 -1.11	34.05 2.51 -6.07	42.69 3.18 -7.47	55.82 3.14 -19.35	47.39 3.30 -10.42	77.30 2.37 -53.47	72.83 2.81 -40.43	66.53 3.14 -28.39	62.68 2.93 -24.21	48.13 2.52 -13.44	65.78 2.07 -34.29	64.65 2.69 -22.90	40.53 2.84 -2.44	37.50 2.43 -2.39	38.13 2.66 -0.70	36.62 2.57 -0.65
N.E_GEN_SANDY PD 24062	29.10 0.51 -15.39	20.79 0.55 -5.61	21.52 0.77 -0.45	21.61 0.81 0.00	25.34 0.95 0.00	23.33 0.93 0.00	23.88 0.95 0.00	21.97 0.91 0.00	25.18 0.99 -0.40	28.78 1.12 -2.18	33.03 1.46 0.46	39.77 1.51 -4.93	34.26 1.41 0.82	43.84 1.02 -21.37	46.29 1.29 -15.41	47.81 1.63 -11.16	46.71 1.64 -9.52	39.22 1.34 -5.71	46.03 1.09 -15.52	51.26 1.36 -10.84	37.42 1.29 -0.88	33.51 0.99 0.16	30.09 1.11 5.79	29.13 1.05 5.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	-45.62 0.82 59.63	-5.62 0.84 21.09	19.67 1.06 1.69	21.90 1.12 0.01	25.70 1.31 0.00	23.63 1.24 0.00	24.22 1.29 0.00	22.31 1.26 0.00	23.73 1.45 1.50	18.98 1.72 8.21	33.89 2.21 0.36	17.10 2.29 18.52	36.02 2.35 0.00	-27.20 1.68 50.34	-16.05 2.19 47.83	-0.54 2.47 38.02	5.51 2.39 32.43	17.20 1.95 16.93	-9.90 1.54 40.86	14.95 1.97 26.08	33.86 1.90 3.29	31.35 1.64 2.96	37.29 1.88 -0.64	35.83 1.85 -0.59
N.QUEENS_27_KV_LOAD 356247	58.74 1.07 -44.47	31.44 1.08 -15.73	22.93 1.37 -1.26	22.23 1.42 -0.01	26.05 1.66 0.00	23.96 1.57 0.00	24.58 1.65 0.00	22.64 1.59 0.00	26.73 1.82 -1.12	33.69 2.10 -6.12	35.14 2.85 -0.27	50.08 2.94 -13.81	36.74 3.08 0.00	71.02 2.27 -47.29	72.96 2.63 -40.74	66.59 2.98 -28.60	62.86 2.91 -24.40	48.14 2.45 -13.52	65.83 1.93 -34.47	64.72 2.67 -22.99	40.31 2.60 -2.46	37.30 2.22 -2.40	37.94 2.47 -0.70	36.41 2.36 -0.65
N.TROY___115KV_TB1 355778	24.35 0.50 -10.65	18.94 0.54 -3.77	21.38 0.78 -0.30	21.62 0.82 0.00	25.35 0.95 0.00	23.34 0.94 0.00	23.89 0.95 0.00	21.95 0.90 0.00	25.05 1.00 -0.27	28.01 1.07 -1.47	33.46 1.36 -0.06	38.03 1.40 -3.31	34.96 1.29 0.00	36.16 0.93 -13.77	41.08 1.19 -10.30	44.03 1.54 -7.48	43.49 1.56 -6.38	37.21 1.35 -3.70	40.38 1.18 -9.78	47.31 1.54 -6.70	37.27 1.43 -0.59	34.18 1.15 -0.36	34.89 1.22 1.10	33.50 1.11 1.01
NARROWS_GT1_1 24228	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_2 24229	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_3 24230	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_4 24231	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_5 24232	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_6 24233	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_7 24234	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT1_8 24235	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_1 24236	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_2 24237	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78

NARROWS_GT2_3 24238	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_4 24239	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_5 24240	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_6 24241	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_7 24242	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NARROWS_GT2_8 24243	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.07 -415.33	79.58 3.16 -42.76	106.34 2.33 -82.55	72.93 2.60 -40.74	66.63 3.02 -28.60	62.94 2.99 -24.40	48.19 2.50 -13.52	65.97 2.07 -34.47	68.01 2.77 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.61 0.55 -7.87	17.99 0.58 -2.78	21.34 0.82 -0.22	21.73 0.93 0.00	25.52 1.13 0.00	23.49 1.09 0.00	24.04 1.11 0.00	22.11 1.05 0.00	25.07 1.09 -0.20	27.63 1.07 -1.08	33.40 1.32 -0.05	37.19 1.42 -2.44	34.98 1.31 0.00	31.56 1.02 -9.08	31.47 1.45 -0.43	36.82 1.81 0.00	37.41 1.86 0.00	34.82 1.84 -0.81	34.99 1.75 -3.82	44.92 2.41 -3.45	37.83 2.15 -0.43	34.78 1.76 -0.34	36.22 1.83 0.38	34.66 1.61 0.35
NCHELSEA_115KV_TR2 355582	14.10 0.90 0.00	15.57 0.94 0.00	21.54 1.23 0.00	22.09 1.30 0.00	25.90 1.51 0.00	23.83 1.43 0.00	24.41 1.48 0.00	22.47 1.42 0.00	25.42 1.63 0.00	27.37 1.90 0.00	34.50 2.46 0.00	35.91 2.58 0.00	36.31 2.64 0.00	33.51 1.85 -10.21	32.39 2.40 -0.40	37.80 2.79 0.00	38.36 2.81 0.00	35.48 2.43 -0.88	35.56 1.98 -4.15	45.38 2.57 -3.75	37.66 2.41 0.00	34.85 2.08 -0.09	37.56 2.26 -0.52	36.01 2.13 -0.48
NEG CAPITAL___MECHNVIL 23645	24.30 0.74 -10.37	19.09 0.79 -3.67	21.70 1.11 -0.29	21.94 1.15 0.00	25.75 1.36 0.00	23.68 1.28 0.00	24.26 1.33 0.00	22.33 1.27 0.00	25.50 1.45 -0.26	28.42 1.53 -1.43	34.01 1.92 -0.06	38.54 2.00 -3.22	35.60 1.93 0.00	36.14 1.32 -13.36	41.34 1.72 -10.03	44.43 2.13 -7.29	43.94 2.18 -6.21	37.78 2.02 -3.59	40.71 1.80 -9.49	48.00 2.44 -6.49	38.09 2.27 -0.57	34.94 1.90 -0.37	35.77 1.97 0.97	34.25 1.74 0.89
NEG CENTRAL_HIGH_ACRES 23767	13.17 -0.03 0.00	14.54 -0.09 0.00	20.21 -0.10 0.00	20.67 -0.13 0.00	24.49 -0.04 -0.13	22.36 -0.11 -0.08	22.92 0.00 0.00	20.89 -0.17 0.00	23.69 -0.10 0.00	25.14 -0.46 -0.13	31.44 -0.59 0.00	32.89 -0.44 0.00	33.85 0.18 0.00	21.30 -0.16 0.00	29.54 -0.05 0.00	34.66 -0.35 0.00	35.45 -0.10 0.00	32.39 0.22 0.00	29.65 0.23 0.00	39.36 0.30 0.00	35.52 0.27 0.00	33.13 0.44 -0.02	35.45 0.61 -0.07	34.08 0.67 0.00
NEG CENTRAL___DRP 24199	13.39 0.20 0.00	14.85 0.22 0.00	20.58 0.27 0.00	21.06 0.27 0.00	25.12 0.37 -0.36	22.91 0.31 -0.21	23.32 0.39 0.00	21.36 0.30 0.00	24.19 0.41 0.00	26.06 0.23 -0.36	32.30 0.27 0.00	33.55 0.23 0.00	34.03 0.37 0.00	21.49 0.03 0.00	29.77 0.19 0.00	35.00 -0.01 0.00	35.76 0.21 0.00	32.62 0.45 0.00	29.86 0.44 0.00	39.67 0.60 -0.01	35.68 0.43 0.00	33.26 0.55 -0.04	35.55 0.59 -0.19	33.98 0.58 0.00
NEG CENTRAL___INDECK 23768	13.71 0.52 0.00	15.34 0.71 0.00	21.33 1.03 0.00	21.81 1.02 0.00	25.73 1.34 0.00	23.53 1.14 0.00	24.24 1.31 0.00	22.08 1.02 0.00	25.00 1.21 0.00	26.30 0.83 0.00	32.99 0.96 0.00	34.27 0.95 0.00	34.65 0.98 0.00	21.69 0.23 0.00	30.08 0.50 0.00	35.24 0.23 0.00	36.22 0.67 0.00	33.13 0.97 0.00	30.49 1.07 0.00	40.57 1.51 0.00	36.68 1.43 0.00	34.23 1.56 0.00	36.57 1.80 0.00	35.18 1.78 0.00
NEG CENTRAL___SENECA 23627	13.49 0.30 0.00	14.96 0.33 0.00	20.75 0.44 0.00	21.23 0.43 0.00	25.15 0.58 -0.18	22.99 0.49 -0.10	23.53 0.60 0.00	21.53 0.47 0.00	24.39 0.61 0.00	26.06 0.41 -0.18	32.51 0.48 0.00	33.74 0.41 0.00	34.26 0.59 0.00	21.58 0.12 0.00	29.95 0.37 0.00	35.17 0.16 0.00	36.00 0.45 0.00	32.87 0.70 0.00	30.08 0.66 0.00	39.98 0.91 -0.01	35.94 0.69 0.00	33.52 0.83 -0.02	35.76 0.90 -0.10	34.26 0.86 0.00
NEG CENTRAL___STATE_STREET 24147	13.42 0.23 0.00	14.89 0.26 0.00	20.57 0.27 0.00	21.11 0.31 0.00	25.33 0.43 -0.51	23.00 0.31 -0.30	23.33 0.40 0.00	21.41 0.36 0.00	24.26 0.47 0.00	26.27 0.28 -0.52	32.46 0.43 0.00	33.76 0.43 0.00	34.18 0.51 0.00	21.58 0.12 0.00	29.92 0.34 0.00	35.17 0.16 0.00	35.86 0.31 0.00	32.72 0.55 0.00	30.01 0.58 0.00	39.79 0.71 -0.02	35.73 0.48 0.00	33.34 0.61 -0.06	35.67 0.63 -0.27	34.04 0.64 0.00
NEG MILLWOOD___DRP 24198	30.64 0.95 -16.50	21.47 1.01 -5.84	22.08 1.31 -0.47	22.17 1.37 0.00	25.99 1.60 0.00	23.90 1.50 0.00	24.49 1.56 0.00	22.56 1.51 0.00	25.96 1.76 -0.42	29.79 2.05 -2.27	34.81 2.67 -0.10	41.26 2.81 -5.12	36.57 2.90 0.00	48.83 2.02 -25.35	48.23 2.62 -16.03	49.52 3.03 -11.48	48.37 3.03 -9.79	40.74 2.60 -5.98	47.98 2.13 -16.43	53.39 2.76 -11.57	38.75 2.59 -0.91	35.87 2.25 -0.95	37.80 2.43 -0.60	36.24 2.28 -0.55

NEG NORTH_FLCN_SEA 23793	13.35 0.16 0.00	14.88 0.24 0.00	20.56 0.26 0.00	21.10 0.30 0.00	24.90 0.51 0.00	22.88 0.48 0.00	23.39 0.46 0.00	21.54 0.48 0.00	24.31 0.52 0.00	26.04 0.58 0.00	32.78 0.75 0.00	34.14 0.82 0.00	34.47 0.80 0.00	21.97 0.51 0.00	30.40 0.82 0.00	36.27 1.27 0.00	36.98 1.43 0.00	33.43 1.27 0.00	30.49 1.07 0.00	40.54 1.48 0.00	36.44 1.19 0.00	33.64 0.97 0.00	35.70 0.93 0.00	34.38 0.98 0.00
NEG NORTH_KES_CHATEGAY 23792	13.22 0.03 0.00	14.72 0.08 0.00	20.35 0.04 0.00	20.87 0.07 0.00	24.62 0.23 0.00	22.60 0.20 0.00	23.08 0.15 0.00	21.25 0.20 0.00	24.00 0.21 0.00	25.75 0.28 0.00	32.44 0.41 0.00	33.78 0.45 0.00	34.12 0.46 0.00	21.74 0.28 0.00	30.04 0.46 0.00	35.83 0.82 0.00	36.48 0.93 0.00	32.98 0.81 0.00	30.15 0.73 0.00	40.12 1.06 0.00	36.07 0.82 0.00	33.34 0.66 0.00	35.35 0.58 0.00	34.05 0.65 0.00
NEG NORTH___ALICE_FALLS 23915	13.40 0.20 0.00	14.91 0.28 0.00	20.60 0.30 0.00	21.13 0.33 0.00	24.94 0.54 0.00	22.90 0.51 0.00	23.41 0.48 0.00	21.56 0.51 0.00	24.36 0.57 0.00	26.11 0.64 0.00	32.81 0.78 0.00	34.17 0.85 0.00	34.50 0.83 0.00	22.00 0.53 0.00	30.43 0.84 0.00	36.30 1.29 0.00	37.02 1.47 0.00	33.49 1.32 0.00	30.58 1.16 0.00	40.67 1.60 0.00	36.55 1.30 0.00	33.74 1.07 0.00	35.79 1.02 0.00	34.45 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	13.40 0.20 0.00	14.91 0.28 0.00	20.60 0.30 0.00	21.13 0.33 0.00	24.94 0.54 0.00	22.90 0.51 0.00	23.41 0.48 0.00	21.56 0.51 0.00	24.36 0.57 0.00	26.11 0.64 0.00	32.81 0.78 0.00	34.17 0.85 0.00	34.50 0.83 0.00	22.00 0.53 0.00	30.43 0.84 0.00	36.30 1.29 0.00	37.02 1.47 0.00	33.49 1.32 0.00	30.58 1.16 0.00	40.67 1.60 0.00	36.55 1.30 0.00	33.74 1.07 0.00	35.79 1.02 0.00	34.45 1.04 0.00
NEG NORTH___PLATTSBURG 23628	13.40 0.20 0.00	14.91 0.28 0.00	20.60 0.30 0.00	21.13 0.33 0.00	24.93 0.54 0.00	22.90 0.51 0.00	23.41 0.49 0.00	21.57 0.51 0.00	24.36 0.57 0.00	26.11 0.64 0.00	32.81 0.78 0.00	34.17 0.85 0.00	34.50 0.83 0.00	21.99 0.53 0.00	30.43 0.84 0.00	36.30 1.29 0.00	37.02 1.47 0.00	33.49 1.32 0.00	30.58 1.16 0.00	40.67 1.60 0.00	36.55 1.30 0.00	33.74 1.07 0.00	35.79 1.02 0.00	34.45 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	13.24 0.05 0.00	14.61 -0.02 0.00	20.41 0.10 0.00	21.01 0.21 0.00	24.90 0.51 0.00	22.70 0.31 0.00	23.40 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.79 -0.68 0.00	31.14 -0.89 0.00	32.27 -1.05 0.00	32.37 -1.30 0.00	20.17 -1.29 0.00	28.15 -1.44 0.00	32.77 -2.24 0.00	33.64 -1.91 0.00	30.97 -1.20 0.00	28.38 -1.04 0.00	37.63 -1.44 0.00	34.06 -1.19 0.00	31.99 -0.68 0.00	34.46 -0.31 0.00	33.44 0.04 0.00
NEG WEST___LANCASTR 23811	13.40 0.21 0.00	14.80 0.17 0.00	20.63 0.32 0.00	21.11 0.32 0.00	24.93 0.54 0.00	22.75 0.35 0.00	23.44 0.51 0.00	21.25 0.20 0.00	24.11 0.32 0.00	25.20 -0.27 0.00	31.66 -0.37 0.00	32.73 -0.60 0.00	32.88 -0.78 0.00	20.50 -0.96 0.00	28.63 -0.96 0.00	33.43 -1.57 0.00	34.29 -1.26 0.00	31.46 -0.71 0.00	28.81 -0.61 0.00	38.22 -0.84 0.00	34.48 -0.77 0.00	32.46 -0.22 0.00	34.84 0.07 0.00	33.68 0.28 0.00
NEG_PENN_ALLEGHNY 23528	13.47 0.27 0.00	14.94 0.31 0.00	20.71 0.41 0.00	21.21 0.41 0.00	25.12 0.51 -0.22	22.97 0.45 -0.13	23.41 0.48 0.00	21.48 0.43 0.00	24.32 0.54 0.00	26.19 0.49 -0.22	32.61 0.58 0.00	33.82 0.49 0.00	34.15 0.49 0.00	21.68 0.21 0.00	30.00 0.41 0.00	35.36 0.35 0.00	36.05 0.50 0.00	32.76 0.59 0.00	29.93 0.51 0.00	39.76 0.69 -0.01	35.78 0.53 0.00	33.33 0.62 -0.03	35.55 0.66 -0.12	34.01 0.61 0.00
NEG___GEN_MONROE 24207	13.54 0.35 0.00	14.94 0.31 0.00	20.84 0.53 0.00	21.35 0.55 0.00	25.23 0.84 0.00	23.07 0.67 0.00	23.74 0.80 0.00	21.53 0.48 0.00	24.31 0.52 0.00	25.50 0.03 0.00	32.05 0.02 0.00	33.33 0.00 0.00	33.79 0.13 0.00	21.23 -0.23 0.00	29.45 -0.14 0.00	34.49 -0.52 0.00	35.36 -0.19 0.00	32.37 0.20 0.00	29.65 0.23 0.00	39.35 0.28 0.00	35.56 0.31 0.00	33.22 0.54 0.00	35.55 0.78 0.00	34.32 0.92 0.00
NEPA___ENERGY 23901	13.38 0.18 0.00	14.83 0.20 0.00	20.58 0.28 0.00	21.10 0.30 0.00	24.87 0.48 0.00	22.71 0.31 0.00	23.41 0.47 0.00	21.35 0.29 0.00	24.18 0.39 0.00	25.38 -0.09 0.00	31.86 -0.17 0.00	32.89 -0.44 0.00	33.09 -0.58 0.00	20.67 -0.79 0.00	28.97 -0.62 0.00	33.84 -1.17 0.00	34.68 -0.86 0.00	31.77 -0.40 0.00	29.04 -0.39 0.00	38.56 -0.50 0.00	34.58 -0.67 0.00	32.67 -0.01 0.00	34.98 0.21 0.00	33.72 0.32 0.00
NEVERSINK___HYD 23608	7.34 0.67 6.52	13.01 0.68 2.31	20.98 0.86 0.18	21.69 0.90 0.00	25.44 1.05 0.00	23.39 0.99 0.00	23.97 1.04 0.00	22.07 1.02 0.00	24.81 1.19 0.16	26.00 1.43 0.90	33.80 1.81 0.04	33.08 1.78 2.03	34.55 0.88 0.00	13.89 0.78 8.35	30.08 0.82 0.33	35.96 0.95 0.00	36.43 0.88 0.00	32.21 0.78 0.74	26.53 0.62 3.51	36.84 0.95 3.17	36.77 1.88 0.36	34.01 1.61 0.28	36.86 1.76 -0.34	35.34 1.63 -0.31
NEWKRMKL_115KV_TB1 55635	23.90 0.28 -10.42	18.61 0.29 -3.69	21.01 0.41 -0.29	21.27 0.47 0.00	24.95 0.56 0.00	22.95 0.56 0.00	23.47 0.54 0.00	21.60 0.55 0.00	24.62 0.57 -0.26	27.56 0.65 -1.43	32.99 0.89 -0.06	37.52 0.95 -3.24	34.56 0.89 0.00	35.53 0.68 -13.39	40.56 0.89 -10.08	43.44 1.11 -7.32	42.92 1.13 -6.24	36.73 0.96 -3.60	39.70 0.79 -9.49	46.57 1.01 -6.49	36.77 0.95 -0.58	33.80 0.72 -0.40	34.75 0.76 0.79	33.36 0.68 0.72
NEWTON___FALLS_HYD 23847	13.07 -0.12 0.00	14.55 -0.09 0.00	20.19 -0.11 0.00	20.65 -0.14 0.00	24.40 -0.18 -0.19	22.34 -0.17 -0.11	22.74 -0.19 0.00	20.90 -0.16 0.00	23.60 -0.19 0.00	25.40 -0.26 -0.20	31.52 -0.52 0.00	32.68 -0.65 0.00	32.98 -0.69 0.00	21.00 -0.46 0.00	28.96 -0.62 0.00	34.42 -0.59 0.00	35.16 -0.40 0.00	31.94 -0.22 0.00	29.35 -0.07 0.00	39.06 -0.01 -0.01	35.14 -0.11 0.00	32.59 -0.10 -0.02	34.77 -0.11 -0.10	33.48 0.08 0.00
NGRID_A1_DSASP 323792	13.24 0.05 0.00	14.62 -0.01 0.00	20.42 0.11 0.00	20.91 0.11 0.00	24.77 0.37 0.00	22.55 0.15 0.00	23.22 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.55 -0.92 0.00	30.84 -1.19 0.00	31.97 -1.36 0.00	31.86 -1.81 0.00	19.84 -1.62 0.00	27.70 -1.88 0.00	32.23 -2.78 0.00	33.07 -2.48 0.00	30.46 -1.71 0.00	27.93 -1.49 0.00	36.93 -2.13 0.00	33.34 -1.91 0.00	31.32 -1.35 0.00	33.77 -1.00 0.00	32.98 -0.42 0.00
NGRID_A2_DSASP 323793	13.24 0.05 0.00	14.62 -0.01 0.00	20.42 0.11 0.00	20.91 0.11 0.00	24.77 0.37 0.00	22.55 0.15 0.00	23.22 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.55 -0.92 0.00	30.84 -1.19 0.00	31.97 -1.36 0.00	31.86 -1.81 0.00	19.84 -1.62 0.00	27.70 -1.88 0.00	32.23 -2.78 0.00	33.07 -2.48 0.00	30.46 -1.71 0.00	27.93 -1.49 0.00	36.93 -2.13 0.00	33.34 -1.91 0.00	31.32 -1.35 0.00	33.77 -1.00 0.00	32.98 -0.42 0.00

NGRID_A4_DSASP 323807	13.25 0.05 0.00	14.62 -0.01 0.00	20.41 0.11 0.00	20.91 0.11 0.00	24.75 0.36 0.00	22.54 0.15 0.00	23.23 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.53 -0.93 0.00	30.83 -1.20 0.00	31.95 -1.38 0.00	31.85 -1.82 0.00	19.84 -1.62 0.00	27.67 -1.92 0.00	32.21 -2.80 0.00	33.07 -2.48 0.00	30.45 -1.72 0.00	27.90 -1.52 0.00	36.92 -2.14 0.00	33.33 -1.92 0.00	31.32 -1.36 0.00	33.77 -1.00 0.00	32.99 -0.42 0.00
NIAGARA_115E_LBMP 323715	13.14 -0.06 0.00	14.46 -0.17 0.00	20.18 -0.13 0.00	20.70 -0.10 0.00	24.54 0.15 0.00	22.35 -0.04 0.00	23.04 0.11 0.00	20.73 -0.33 0.00	23.46 -0.32 0.00	24.35 -1.12 0.00	30.57 -1.46 0.00	31.69 -1.64 0.00	31.77 -1.90 0.00	19.80 -1.66 0.00	27.66 -1.93 0.00	32.16 -2.85 0.00	32.98 -2.57 0.00	30.39 -1.78 0.00	27.85 -1.57 0.00	36.90 -2.17 0.00	33.45 -1.80 0.00	31.42 -1.26 0.00	33.86 -0.90 0.00	32.89 -0.51 0.00
NIAGARA_115W_LBMP 323714	13.23 0.03 0.00	14.60 -0.04 0.00	20.39 0.09 0.00	20.87 0.08 0.00	24.73 0.34 0.00	22.51 0.12 0.00	23.19 0.26 0.00	20.88 -0.17 0.00	23.64 -0.14 0.00	24.51 -0.96 0.00	30.79 -1.24 0.00	31.92 -1.41 0.00	31.79 -1.88 0.00	19.80 -1.66 0.00	27.65 -1.93 0.00	32.16 -2.84 0.00	33.00 -2.55 0.00	30.40 -1.77 0.00	27.87 -1.55 0.00	36.85 -2.21 0.00	33.25 -2.00 0.00	31.24 -1.43 0.00	33.69 -1.08 0.00	32.92 -0.48 0.00
NIAGARA_230_LBMP 323716	13.26 0.07 0.00	14.61 -0.02 0.00	20.40 0.10 0.00	20.89 0.09 0.00	24.73 0.34 0.00	22.52 0.12 0.00	23.20 0.27 0.00	20.91 -0.14 0.00	23.67 -0.11 0.00	24.57 -0.89 0.00	30.87 -1.16 0.00	32.00 -1.33 0.00	32.08 -1.59 0.00	19.99 -1.47 0.00	27.90 -1.69 0.00	32.48 -2.53 0.00	33.34 -2.21 0.00	30.67 -1.50 0.00	28.12 -1.30 0.00	37.27 -1.79 0.00	33.71 -1.54 0.00	31.69 -0.99 0.00	34.14 -0.63 0.00	33.16 -0.24 0.00
NIAGARA__115KV_198_GIBSON 55903	13.22 0.03 0.00	14.60 -0.04 0.00	20.39 0.08 0.00	20.87 0.08 0.00	24.71 0.32 0.00	22.51 0.12 0.00	23.19 0.26 0.00	20.88 -0.17 0.00	23.64 -0.14 0.00	24.49 -0.98 0.00	30.78 -1.25 0.00	31.89 -1.43 0.00	31.78 -1.88 0.00	19.80 -1.66 0.00	27.61 -1.98 0.00	32.14 -2.87 0.00	32.99 -2.56 0.00	30.39 -1.78 0.00	27.85 -1.58 0.00	36.84 -2.22 0.00	33.25 -2.00 0.00	31.24 -1.44 0.00	33.70 -1.07 0.00	32.92 -0.48 0.00
NIAGARA____ 23760	13.26 0.07 0.00	14.61 -0.02 0.00	20.40 0.10 0.00	20.89 0.09 0.00	24.73 0.34 0.00	22.52 0.12 0.00	23.20 0.27 0.00	20.91 -0.14 0.00	23.67 -0.11 0.00	24.57 -0.89 0.00	30.87 -1.16 0.00	32.00 -1.33 0.00	32.08 -1.59 0.00	19.99 -1.47 0.00	27.90 -1.69 0.00	32.48 -2.53 0.00	33.34 -2.21 0.00	30.67 -1.50 0.00	28.12 -1.30 0.00	37.27 -1.79 0.00	33.71 -1.54 0.00	31.69 -0.99 0.00	34.14 -0.63 0.00	33.16 -0.24 0.00
NINE_MILE_1 23575	12.84 -0.35 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.22 -0.57 0.00	20.60 -0.65 3.14	19.96 -0.61 1.82	22.33 -0.60 0.00	20.48 -0.57 0.00	23.16 -0.62 0.00	21.54 -0.75 3.18	31.08 -0.95 0.00	32.32 -1.00 0.00	32.70 -0.96 0.00	20.76 -0.70 0.00	28.69 -0.90 0.00	33.87 -1.14 0.00	34.48 -1.07 0.00	31.30 -0.87 0.00	28.62 -0.80 0.00	37.89 -1.06 0.11	34.28 -0.97 0.00	31.47 -0.85 0.36	32.23 -0.89 1.65	32.56 -0.84 0.00
NINE_MILE_2 23744	12.84 -0.35 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.22 -0.57 0.00	20.55 -0.65 3.19	19.94 -0.61 1.84	22.33 -0.60 0.00	20.48 -0.57 0.00	23.16 -0.62 0.00	21.49 -0.75 3.23	31.09 -0.95 0.00	32.33 -1.00 0.00	32.70 -0.96 0.00	20.76 -0.70 0.00	28.69 -0.89 0.00	33.87 -1.14 0.00	34.48 -1.07 0.00	31.30 -0.87 0.00	28.62 -0.80 0.11	37.89 -1.06 0.00	34.29 -0.96 0.00	31.46 -0.85 0.36	32.20 -0.89 1.68	32.56 -0.84 0.00
NM_CAPITAL____DRP 24208	24.06 0.29 -10.58	18.69 0.31 -3.74	21.05 0.45 -0.30	21.30 0.51 0.00	24.99 0.60 0.00	22.98 0.59 0.00	23.51 0.58 0.00	21.63 0.58 0.00	24.66 0.61 -0.27	27.61 0.68 -1.46	33.02 0.93 -0.06	37.60 0.99 -3.28	34.58 0.91 0.00	35.79 0.69 -13.64	40.71 0.89 -10.23	43.56 1.13 -7.43	43.03 1.14 -6.33	36.78 0.95 -3.66	39.87 0.79 -9.66	46.67 0.99 -6.61	36.77 0.93 -0.58	33.79 0.71 -0.40	34.68 0.77 0.86	33.31 0.70 0.79
NM_CENTRAL____DRP 24181	13.12 -0.08 0.00	14.56 -0.07 0.00	20.22 -0.09 0.00	20.68 -0.11 0.00	24.59 -0.10 -0.30	22.47 -0.11 -0.17	22.87 -0.06 0.00	20.97 -0.08 0.00	23.72 -0.07 0.00	25.62 -0.16 -0.31	31.81 -0.22 0.00	33.05 -0.28 0.00	33.43 -0.23 0.00	21.22 -0.24 0.00	29.31 -0.28 0.00	34.59 -0.41 0.00	35.25 -0.30 0.00	32.02 -0.15 0.00	29.27 -0.16 0.00	38.86 -0.21 -0.01	35.06 -0.19 0.00	32.58 -0.13 -0.03	34.81 -0.13 -0.16	33.28 -0.12 0.00
NM_FRONTIER____DRP 24179	13.22 0.03 0.00	14.60 -0.04 0.00	20.39 0.08 0.00	20.87 0.08 0.00	24.71 0.32 0.00	22.51 0.12 0.00	23.19 0.26 0.00	20.88 -0.17 0.00	23.64 -0.14 0.00	24.49 -0.98 0.00	30.78 -1.25 0.00	31.89 -1.43 0.00	31.78 -1.88 0.00	19.80 -1.66 0.00	27.61 -1.98 0.00	32.14 -2.87 0.00	32.99 -2.56 0.00	30.39 -1.78 0.00	27.85 -1.58 0.00	36.84 -2.22 0.00	33.25 -2.00 0.00	31.24 -1.44 0.00	33.70 -1.07 0.00	32.92 -0.48 0.00
NM_ST_REGIS____HYD 24053	13.00 -0.20 0.00	14.44 -0.19 0.00	20.02 -0.28 0.00	20.49 -0.30 0.00	24.11 -0.37 -0.09	22.10 -0.35 -0.05	22.51 -0.42 0.00	20.69 -0.36 0.00	23.35 -0.44 0.00	25.11 -0.45 -0.09	31.35 -0.69 0.00	32.59 -0.74 0.00	32.89 -0.78 0.00	20.98 -0.49 0.00	28.93 -0.66 0.00	34.46 -0.55 0.00	35.07 -0.48 0.00	31.71 -0.46 0.00	29.11 -0.31 0.00	38.78 -0.29 0.00	34.89 -0.36 0.00	32.36 -0.33 -0.01	34.44 -0.38 -0.05	33.32 -0.09 0.00
NORTHPORT____1 23551	58.39 1.08 -44.12	31.38 1.15 -15.60	23.03 1.47 -1.25	22.39 1.59 -0.01	26.18 1.79 0.00	24.13 1.74 0.00	24.65 1.72 0.00	22.73 1.68 0.00	26.84 1.95 -1.11	33.94 2.40 -6.07	42.83 2.91 -7.88	57.47 2.81 -21.34	50.07 2.94 -13.46	78.89 2.10 -55.34	77.18 2.40 -45.19	74.25 2.70 -36.54	68.39 2.41 -30.43	51.23 2.14 -16.92	66.76 1.71 -35.62	64.73 2.13 -23.54	40.07 2.38 -2.44	37.06 2.00 -2.39	37.77 2.29 -0.70	36.33 2.28 -0.65
NORTHPORT____2 23552	58.39 1.08 -44.12	31.38 1.15 -15.60	23.03 1.47 -1.25	22.39 1.59 -0.01	26.18 1.79 0.00	24.13 1.74 0.00	24.65 1.72 0.00	22.73 1.68 0.00	26.84 1.95 -1.11	33.94 2.40 -6.07	42.83 2.91 -7.88	57.47 2.81 -21.34	50.07 2.94 -13.46	78.89 2.10 -55.34	77.18 2.40 -45.19	74.25 2.70 -36.54	68.39 2.41 -30.43	51.23 2.14 -16.92	66.76 1.71 -35.62	64.73 2.13 -23.54	40.07 2.38 -2.44	37.06 2.00 -2.39	37.77 2.29 -0.70	36.33 2.28 -0.65
NORTHPORT____3 23553	58.35 1.03 -44.12	31.34 1.11 -15.60	22.99 1.44 -1.25	22.35 1.55 -0.01	26.13 1.74 0.00	24.07 1.68 0.00	24.60 1.67 0.00	22.68 1.63 0.00	26.78 1.89 -1.11	33.89 2.35 -6.06	39.75 3.05 -4.67	49.09 3.04 -12.73	37.17 3.19 -0.30	71.04 2.32 -47.26	56.87 2.67 -24.61	39.29 3.00 -1.28	43.82 2.69 -5.59	36.36 2.31 -1.89	61.13 1.83 -29.88	62.12 2.30 -20.76	40.03 2.35 -2.44	37.07 2.01 -2.39	37.75 2.27 -0.70	36.25 2.20 -0.65

NORTHPORT___4 23650	58.35 1.03 -44.12	31.34 1.11 -15.60	22.99 1.44 -1.25	22.35 1.55 -0.01	26.13 1.74 0.00	24.07 1.68 0.00	24.60 1.67 0.00	22.68 1.63 0.00	26.78 1.89 -1.11	33.89 2.35 -6.06	39.75 3.05 -4.67	49.09 3.04 -12.73	37.17 3.19 -0.30	71.04 2.32 -47.26	56.87 2.67 -24.61	39.29 3.00 -1.28	43.82 2.69 -5.59	36.36 2.31 -1.89	61.13 1.83 -29.88	62.12 2.30 -20.76	40.03 2.35 -2.44	37.07 2.01 -2.39	37.75 2.27 -0.70	36.25 2.20 -0.65
NORTHPORT___IC 23718	58.39 1.08 -44.12	31.38 1.15 -15.60	23.03 1.47 -1.25	22.39 1.59 -0.01	26.18 1.79 0.00	24.13 1.74 0.00	24.65 1.72 0.00	22.73 1.68 0.00	26.84 1.95 -1.11	33.94 2.40 -6.07	42.83 2.91 -7.88	57.47 2.81 -21.34	50.07 2.94 -13.46	78.89 2.10 -55.34	77.18 2.40 -45.19	74.25 2.70 -36.54	68.39 2.41 -30.43	51.23 2.14 -16.92	66.76 1.71 -35.62	64.73 2.13 -23.54	40.07 2.38 -2.44	37.06 2.00 -2.39	37.77 2.29 -0.70	36.33 2.28 -0.65
NORTH___COUNTRY_ESR 323785	13.18 -0.02 0.00	14.67 0.03 0.00	20.28 -0.03 0.00	20.79 0.00 0.00	24.53 0.14 0.00	22.51 0.12 0.00	22.99 0.06 0.00	21.17 0.12 0.00	23.91 0.12 0.00	25.68 0.21 0.00	32.35 0.32 0.00	33.70 0.37 0.00	34.02 0.35 0.00	21.68 0.22 0.00	29.97 0.39 0.00	35.72 0.72 0.00	36.36 0.81 0.00	32.86 0.69 0.00	30.03 0.61 0.00	39.94 0.88 0.00	35.92 0.67 0.00	33.20 0.52 0.00	35.21 0.44 0.00	33.91 0.51 0.00
NPX_GEN_1385_PROXY 323591	58.07 0.75 -44.12	31.02 0.78 -15.60	22.43 0.87 -1.25	21.91 1.11 -0.01	25.74 1.35 0.00	23.83 1.44 0.00	24.12 1.19 0.00	22.38 1.33 0.00	26.41 1.51 -1.11	33.33 1.80 -6.07	42.15 2.24 -7.88	56.69 2.02 -21.34	49.27 2.14 -13.46	52.91 1.49 -29.96	61.88 1.54 -30.75	73.27 1.72 -36.54	35.13 1.38 1.80	49.38 1.26 -15.95	66.31 1.26 -35.62	63.65 1.04 -23.54	39.24 1.55 -2.44	32.88 1.03 0.82	36.81 1.33 -0.70	35.36 1.31 -0.65
NPX_GEN_CSC 323557	58.80 1.48 -44.12	31.79 1.55 -15.60	23.62 2.06 -1.25	22.94 2.14 -0.01	26.78 2.39 0.00	24.68 2.28 0.00	25.25 2.32 0.00	23.30 2.25 0.00	27.56 2.67 -1.11	35.23 3.26 -6.51	99.40 4.06 -63.31	131.40 4.07 -94.00	161.99 4.14 -124.18	147.66 2.91 -123.28	251.46 3.53 -218.35	372.24 3.98 -333.25	238.94 3.70 -199.69	178.41 3.33 -142.92	116.18 2.87 -83.89	89.75 3.72 -46.96	41.39 3.70 -2.44	38.17 3.12 -2.39	38.85 3.37 -0.70	37.33 3.28 -0.65
NSINS_S_GLNS_FALLS 23858	24.17 0.78 -10.20	19.07 0.83 -3.61	21.73 1.13 -0.29	21.98 1.18 0.00	25.81 1.42 0.00	23.74 1.34 0.00	24.37 1.45 0.00	22.49 1.43 0.00	25.69 1.65 -0.26	28.52 1.65 -1.40	34.01 1.92 -0.06	38.50 2.01 -3.17	35.55 1.88 0.00	35.92 1.36 -13.10	40.98 1.52 -9.87	44.17 2.00 -7.16	43.85 2.19 -6.11	37.65 1.95 -3.53	40.54 1.82 -9.30	48.09 2.66 -6.36	38.37 2.56 -0.56	35.15 2.10 -0.38	36.04 2.14 0.87	34.30 1.70 0.80
NUCOR_STEEL___DRP 24197	13.40 0.20 0.00	14.87 0.24 0.00	20.54 0.24 0.00	21.08 0.28 0.00	25.35 0.40 -0.55	22.98 0.27 -0.32	23.29 0.36 0.00	21.39 0.34 0.00	24.24 0.45 0.00	26.28 0.25 -0.56	32.42 0.38 0.00	33.74 0.41 0.00	34.15 0.48 0.00	21.55 0.09 0.00	29.90 0.31 0.00	35.14 0.13 0.00	35.80 0.26 0.00	32.68 0.51 0.00	29.96 0.53 0.00	39.71 0.63 -0.02	35.67 0.42 0.00	33.30 0.56 -0.06	35.64 0.58 -0.29	34.01 0.61 0.00
NUMBER_THREE_WT_PWR 323818	13.31 0.11 0.00	14.84 0.21 0.00	20.63 0.33 0.00	21.10 0.31 0.00	24.99 0.36 -0.23	22.87 0.34 -0.14	23.32 0.39 0.00	21.43 0.38 0.00	24.23 0.44 0.00	26.09 0.38 -0.24	32.36 0.33 0.00	33.50 0.18 0.00	33.78 0.11 0.00	21.51 0.05 0.00	29.67 0.09 0.00	35.18 0.17 0.00	35.99 0.44 0.00	32.79 0.62 0.00	30.11 0.69 0.00	40.03 0.96 -0.01	36.00 0.75 0.00	33.36 0.66 -0.03	35.56 0.67 -0.12	34.11 0.71 0.00
NYISO_LBMP_REFERENCE 24008	13.20 0.00 0.00	14.63 0.00 0.00	20.30 0.00 0.00	20.80 0.00 0.00	24.39 0.00 0.00	22.40 0.00 0.00	22.93 0.00 0.00	21.05 0.00 0.00	23.79 0.00 0.00	25.47 0.00 0.00	32.03 0.00 0.00	33.33 0.00 0.00	33.67 0.00 0.00	21.46 0.00 0.00	29.59 0.00 0.00	35.01 0.00 0.00	35.55 0.00 0.00	32.17 0.00 0.00	29.42 0.00 0.00	39.06 0.00 0.00	35.25 0.00 0.00	32.67 0.00 0.00	34.77 0.00 0.00	33.40 0.00 0.00
NYPA_BRENTWD___GT 24164	58.65 1.34 -44.12	31.66 1.42 -15.60	23.40 1.85 -1.25	22.76 1.95 -0.01	26.59 2.20 0.00	24.51 2.11 0.00	25.06 2.13 0.00	23.11 2.06 0.00	27.31 2.42 -1.11	34.57 2.93 -6.17	55.49 3.63 -19.83	71.80 3.51 -34.96	71.30 3.43 -34.20	91.97 2.45 -68.06	110.07 2.86 -77.62	130.38 3.25 -92.11	98.45 2.95 -59.94	75.28 2.61 -40.49	76.23 2.15 -44.66	69.74 2.75 -27.93	40.66 2.97 -2.44	37.60 2.54 -2.39	38.38 2.91 -0.70	36.91 2.86 -0.65
NYPA_GOWANUS___GT5 24156	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.06 -415.33	79.57 3.14 -42.76	106.35 2.34 -82.55	72.91 2.59 -40.74	66.62 3.01 -28.60	62.93 2.98 -24.40	48.17 2.48 -13.52	65.97 2.48 -34.47	68.01 2.07 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NYPA_GOWANUS___GT6 24157	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.13 1.75 0.00	24.04 1.65 0.00	24.66 1.73 0.00	22.72 1.67 0.00	26.84 1.93 -1.12	33.86 2.23 -6.16	37.76 2.94 -2.78	451.72 3.06 -415.33	79.57 3.14 -42.76	106.35 2.34 -82.55	72.91 2.59 -40.74	66.62 3.01 -28.60	62.93 2.98 -24.40	48.17 2.48 -13.52	65.97 2.48 -34.47	68.01 2.07 -26.17	46.60 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78
NYPA_HARLEM__RVR_GT1 24160	58.70 1.04 -44.47	31.40 1.04 -15.73	22.88 1.32 -1.26	22.18 1.37 -0.01	25.99 1.60 0.00	23.91 1.52 0.00	24.52 1.59 0.00	22.59 1.54 0.00	26.67 1.76 -1.12	33.62 2.03 -6.12	35.05 2.75 -0.27	49.97 2.84 -13.81	36.65 2.98 0.00	70.96 2.20 -47.29	72.85 2.52 -40.74	66.47 2.86 -28.60	62.74 2.79 -24.40	48.04 2.35 -13.52	65.76 1.87 -34.47	64.61 2.55 -22.99	40.21 2.50 -2.46	37.21 2.13 -2.40	37.85 2.38 -0.70	36.32 2.27 -0.65
NYPA_HARLEM__RVR_GT2 24161	58.70 1.04 -44.47	31.40 1.04 -15.73	22.88 1.32 -1.26	22.18 1.37 -0.01	25.99 1.60 0.00	23.91 1.52 0.00	24.52 1.59 0.00	22.59 1.54 0.00	26.67 1.76 -1.12	33.62 2.03 -6.12	35.05 2.75 -0.27	49.97 2.84 -13.81	36.65 2.98 0.00	70.96 2.20 -47.29	72.85 2.52 -40.74	66.47 2.86 -28.60	62.74 2.79 -24.40	48.04 2.35 -13.52	65.76 1.87 -34.47	64.61 2.55 -22.99	40.21 2.50 -2.46	37.21 2.13 -2.40	37.85 2.38 -0.70	36.32 2.27 -0.65
NYPA_KENT___GT 24152	58.73 1.06 -44.47	31.45 1.09 -15.73	22.98 1.42 -1.26	22.28 1.48 -0.01	26.10 1.72 0.00	24.02 1.63 0.00	24.63 1.70 0.00	22.69 1.64 0.00	26.80 1.89 -1.12	33.81 2.19 -6.14	36.72 2.90 -1.79	292.42 3.02 -256.08	62.57 3.10 -25.80	92.29 2.26 -68.57	72.88 2.56 -40.74	66.53 2.92 -28.60	62.82 2.88 -24.40	48.10 2.41 -13.52	65.89 2.00 -34.47	66.65 2.68 -24.91	44.08 2.66 -6.17	43.67 2.38 -8.62	38.25 2.63 -0.85	36.66 2.53 -0.73

NYPA_POUCH1____GT 24155	56.70 1.02 -42.48	31.12 1.05 -15.44	22.92 1.36 -1.26	22.22 1.42 -0.01	26.07 1.68 0.00	23.99 1.60 0.00	24.60 1.67 0.00	22.66 1.61 0.00	26.79 1.88 -1.12	33.80 2.17 -6.16	37.12 2.80 -2.28	407.45 2.92 -371.20	79.47 3.04 -42.76	106.28 2.27 -82.55	72.88 2.56 -40.74	66.59 2.97 -28.60	62.87 2.93 -24.40	48.10 2.41 -13.52	65.87 1.98 -34.47	67.86 2.63 -26.17	46.53 2.61 -8.67	47.87 2.34 -12.85	38.35 2.64 -0.94	36.72 2.54 -0.78
NYPA_VERNON____GT2 24162	58.72 1.06 -44.47	31.44 1.08 -15.73	22.96 1.40 -1.26	22.26 1.46 -0.01	26.08 1.69 0.00	24.00 1.60 0.00	24.60 1.67 0.00	22.66 1.61 0.00	26.76 1.86 -1.12	33.75 2.15 -6.13	35.68 2.86 -0.79	133.12 2.96 -96.83	45.57 3.07 -8.84	78.27 2.23 -54.58	72.88 2.55 -40.74	66.48 2.87 -28.60	62.75 2.80 -24.40	48.06 2.37 -13.52	65.81 1.92 -34.47	65.29 2.58 -23.65	41.57 2.59 -3.73	39.52 2.31 -4.53	38.08 2.56 -0.75	36.53 2.46 -0.67
NYPA_VERNON____GT3 24163	58.72 1.06 -44.47	31.44 1.08 -15.73	22.96 1.40 -1.26	22.26 1.46 -0.01	26.08 1.69 0.00	24.00 1.60 0.00	24.60 1.67 0.00	22.66 1.61 0.00	26.76 1.86 -1.12	33.75 2.15 -6.13	35.68 2.86 -0.79	133.12 2.96 -96.83	45.57 3.07 -8.84	78.27 2.23 -54.58	72.88 2.55 -40.74	66.48 2.87 -28.60	62.75 2.80 -24.40	48.06 2.37 -13.52	65.81 1.92 -34.47	65.29 2.58 -23.65	41.57 2.59 -3.73	39.52 2.31 -4.53	38.08 2.56 -0.75	36.53 2.46 -0.67
NYPA____ASTORIA_CC1 323568	58.70 1.03 -44.47	31.41 1.05 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.66 2.07 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.92 2.17 -47.29	72.80 2.48 -40.74	66.37 2.76 -28.60	62.64 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.52 2.46 -22.99	40.21 2.51 -2.46	37.31 2.24 -2.40	37.96 2.48 -0.70	36.42 2.37 -0.65
NYPA____ASTORIA_CC2 323569	58.70 1.03 -44.47	31.41 1.05 -15.73	22.91 1.35 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.61 0.00	22.61 1.56 0.00	26.70 1.79 -1.12	33.66 2.07 -6.12	35.09 2.79 -0.27	50.01 2.87 -13.81	36.66 2.99 0.00	70.92 2.17 -47.29	72.80 2.48 -40.74	66.37 2.76 -28.60	62.64 2.70 -24.40	47.98 2.29 -13.52	65.72 1.83 -34.47	64.52 2.46 -22.99	40.21 2.51 -2.46	37.31 2.24 -2.40	37.96 2.48 -0.70	36.42 2.37 -0.65
NYPA____HOLTSVILL 23794	58.58 1.26 -44.12	31.57 1.34 -15.60	23.30 1.74 -1.25	22.63 1.83 -0.01	26.43 2.05 0.00	24.36 1.97 0.00	24.91 1.98 0.00	22.98 1.93 0.00	27.17 2.27 -1.11	34.77 2.79 -6.51	98.59 3.47 -63.09	129.41 3.41 -92.67	159.30 3.49 -122.14	145.97 2.48 -122.03	247.67 2.93 -215.15	366.05 3.27 -327.78	233.96 2.97 -195.44	175.41 2.66 -140.58	114.64 2.22 -83.00	88.45 2.86 -46.53	40.66 2.96 -2.44	37.55 2.48 -2.39	38.23 2.76 -0.70	36.76 2.72 -0.65
NYPA____HELLGATE_GT1 24158	58.70 1.04 -44.47	31.40 1.04 -15.73	22.88 1.32 -1.26	22.18 1.37 -0.01	25.99 1.60 0.00	23.91 1.52 0.00	24.52 1.59 0.00	22.59 1.54 0.00	26.67 1.76 -1.12	33.62 2.03 -6.12	35.05 2.75 -0.27	49.95 2.82 -13.81	36.62 2.95 0.00	70.93 2.18 -47.29	72.85 2.52 -40.74	66.47 2.86 -28.60	62.74 2.79 -24.40	48.04 2.35 -13.52	65.76 1.87 -34.47	64.61 2.55 -22.99	40.21 2.50 -2.46	37.21 2.13 -2.40	37.85 2.38 -0.70	36.32 2.27 -0.65
NYPA____HELLGATE_GT2 24159	58.70 1.04 -44.47	31.40 1.04 -15.73	22.88 1.32 -1.26	22.18 1.37 -0.01	25.99 1.60 0.00	23.91 1.52 0.00	24.52 1.59 0.00	22.59 1.54 0.00	26.67 1.76 -1.12	33.62 2.03 -6.12	35.05 2.75 -0.27	49.95 2.82 -13.81	36.62 2.95 0.00	70.93 2.18 -47.29	72.85 2.52 -40.74	66.47 2.86 -28.60	62.74 2.79 -24.40	48.04 2.35 -13.52	65.76 1.87 -34.47	64.61 2.55 -22.99	40.21 2.50 -2.46	37.21 2.13 -2.40	37.85 2.38 -0.70	36.32 2.27 -0.65
NYS_BARGE____HYD 23848	13.28 0.08 0.00	14.64 0.01 0.00	20.44 0.14 0.00	21.01 0.22 0.00	24.92 0.53 0.00	22.70 0.31 0.00	23.39 0.47 0.00	21.08 0.03 0.00	23.89 0.10 0.00	24.81 -0.66 0.00	31.14 -0.89 0.00	32.30 -1.03 0.00	32.39 -1.28 0.00	20.20 -1.26 0.00	28.19 -1.39 0.00	32.80 -2.21 0.00	33.67 -1.88 0.00	31.00 -1.17 0.00	28.41 -1.01 0.00	37.65 -1.41 0.00	34.09 -1.16 0.00	32.01 -0.67 0.00	34.46 -0.31 0.00	33.45 0.04 0.00
OAK ORCHARD____HYD 24046	13.42 0.22 0.00	14.82 0.19 0.00	20.62 0.31 0.00	21.09 0.30 0.00	24.87 0.48 0.00	22.74 0.34 0.00	23.40 0.47 0.00	21.27 0.22 0.00	24.11 0.32 0.00	25.36 -0.11 0.00	31.87 -0.16 0.00	33.16 -0.17 0.00	33.67 0.01 0.00	21.17 -0.29 0.00	29.38 -0.21 0.00	34.43 -0.58 0.00	35.25 -0.30 0.00	32.24 0.07 0.00	29.53 0.11 0.00	39.19 0.12 0.00	35.41 0.16 0.00	33.06 0.38 0.00	35.37 0.60 0.00	34.12 0.72 0.00
OAKDALE__35_KV_LOAD 356122	13.41 0.21 0.00	14.88 0.25 0.00	20.64 0.33 0.00	21.13 0.33 0.00	25.03 0.42 -0.22	22.89 0.37 -0.12	23.32 0.39 0.00	21.40 0.35 0.00	24.22 0.43 0.00	26.07 0.38 -0.22	32.49 0.46 0.00	33.70 0.37 0.00	34.03 0.36 0.00	21.59 0.13 0.00	29.89 0.30 0.00	35.23 0.22 0.00	35.91 0.36 0.00	32.62 0.45 0.00	29.80 0.37 0.00	39.58 0.51 -0.01	35.61 0.36 0.00	33.18 0.48 -0.02	35.42 0.54 -0.11	33.89 0.49 0.00
OCC_CHEM____DRP 24175	13.25 0.05 0.00	14.62 -0.01 0.00	20.41 0.11 0.00	20.91 0.11 0.00	24.75 0.36 0.00	22.54 0.15 0.00	23.23 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.53 -0.93 0.00	30.83 -1.20 0.00	31.95 -1.38 0.00	31.85 -1.82 0.00	19.84 -1.62 0.00	27.67 -1.92 0.00	32.21 -2.80 0.00	33.07 -2.48 0.00	30.45 -1.72 0.00	27.90 -1.52 0.00	36.92 -2.14 0.00	33.33 -1.92 0.00	31.32 -1.36 0.00	33.77 -1.00 0.00	32.99 -0.42 0.00
OH_GEN_PROXY 24063	13.26 0.07 0.00	14.62 -0.01 0.00	20.42 0.11 0.00	20.90 0.10 0.00	24.74 0.35 0.00	22.52 0.13 0.00	23.21 0.28 0.00	20.94 -0.11 0.00	23.72 -0.06 0.00	24.65 -0.82 0.00	30.96 -1.07 0.00	32.08 -1.24 0.00	32.18 -1.49 0.00	20.07 -1.39 0.00	27.98 -1.60 0.00	32.59 -2.41 0.00	33.46 -2.09 0.00	30.78 -1.40 0.00	28.20 -1.22 0.00	37.40 -1.67 0.00	33.81 -1.44 0.00	31.78 -0.89 0.00	34.22 -0.55 0.00	33.20 -0.20 0.00
OLIN_CORP_DRP 24177	13.16 -0.03 0.00	14.48 -0.15 0.00	20.22 -0.08 0.00	20.74 -0.06 0.00	24.57 0.18 0.00	22.39 0.00 0.00	23.08 0.15 0.00	20.77 -0.28 0.00	23.51 -0.28 0.00	24.38 -1.09 0.00	30.62 -1.41 0.00	31.73 -1.59 0.00	31.83 -1.84 0.00	19.84 -1.62 0.00	27.68 -1.90 0.00	32.21 -2.80 0.00	33.05 -2.50 0.00	30.44 -1.73 0.00	27.90 -1.52 0.00	36.97 -2.09 0.00	33.51 -1.74 0.00	31.48 -1.20 0.00	33.93 -0.84 0.00	32.95 -0.45 0.00
OLIN_CORP_DSASP 323712	13.24 0.05 0.00	14.62 -0.01 0.00	20.42 0.11 0.00	20.91 0.11 0.00	24.77 0.37 0.00	22.55 0.15 0.00	23.22 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.55 -0.92 0.00	30.84 -1.19 0.00	31.97 -1.36 0.00	31.86 -1.81 0.00	19.84 -1.62 0.00	27.70 -1.88 0.00	32.23 -2.78 0.00	33.07 -2.48 0.00	30.46 -1.71 0.00	27.93 -1.49 0.00	36.93 -2.13 0.00	33.34 -1.91 0.00	31.32 -1.35 0.00	33.77 -1.00 0.00	32.98 -0.42 0.00

ONEIDA_HERK_LFGE 323681	13.46 0.26 0.00	14.94 0.31 0.00	20.74 0.44 0.00	21.23 0.43 0.00	25.04 0.52 -0.14	22.96 0.48 -0.08	23.47 0.54 0.00	21.57 0.52 0.00	24.39 0.60 0.00	26.21 0.60 -0.14	32.72 0.69 0.00	33.96 0.63 0.00	34.30 0.63 0.00	21.85 0.39 0.00	30.10 0.52 0.00	35.63 0.62 0.00	36.32 0.77 0.00	33.01 0.84 0.00	30.26 0.84 0.00	40.20 1.13 0.00	36.20 0.95 0.00	33.53 0.84 -0.02	35.70 0.86 -0.07	34.22 0.82 0.00
ONEIDA___115KV_TB4 55905	13.58 0.38 0.00	15.05 0.42 0.00	20.87 0.57 0.00	21.36 0.57 0.00	25.25 0.68 -0.18	23.13 0.63 -0.10	23.62 0.69 0.00	21.68 0.63 0.00	24.52 0.73 0.00	26.39 0.74 -0.18	32.94 0.91 0.00	34.24 0.91 0.00	34.61 0.94 0.00	22.02 0.56 0.00	30.34 0.76 0.00	35.86 0.85 0.00	36.55 1.01 0.00	33.19 1.02 0.00	30.42 1.00 0.00	40.41 1.34 -0.01	36.41 1.16 0.00	33.75 1.05 -0.02	35.95 1.08 -0.09	34.39 0.98 0.00
ONONDAGA_REF_OCCRA 23987	13.22 0.02 0.00	14.66 0.03 0.00	20.36 0.06 0.00	20.83 0.03 0.00	24.82 0.06 -0.37	22.66 0.05 -0.21	23.01 0.08 0.00	21.10 0.05 0.00	23.88 0.10 0.00	25.86 0.02 -0.37	32.02 -0.01 0.00	33.26 -0.07 0.00	33.64 -0.03 0.00	21.34 -0.12 0.00	29.49 -0.10 0.00	34.81 -0.19 0.00	35.48 -0.07 0.00	32.26 0.09 0.00	29.50 0.08 0.00	39.19 0.12 -0.01	35.34 0.09 0.00	32.84 0.12 -0.04	35.09 0.13 -0.19	33.52 0.12 0.00
ONONDAGA___COGEN 23986	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.02 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.34 -0.12 0.00	29.49 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.27 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
ONTARIO___LFGE 23819	13.50 0.30 0.00	14.96 0.33 0.00	20.75 0.44 0.00	21.23 0.43 0.00	25.16 0.58 -0.18	22.99 0.49 -0.10	23.53 0.60 0.00	21.53 0.47 0.00	24.39 0.61 0.00	26.07 0.41 -0.18	32.51 0.48 0.00	33.75 0.42 0.00	34.26 0.59 0.00	21.59 0.13 0.00	29.95 0.37 0.00	35.17 0.16 0.00	36.00 0.45 0.00	32.87 0.70 0.00	30.08 0.66 0.00	39.98 0.91 -0.01	35.94 0.69 0.00	33.52 0.83 -0.02	35.76 0.89 -0.10	34.26 0.86 0.00
ORANGEVILLE_WT_PWR 323706	13.45 0.26 0.00	14.88 0.25 0.00	20.73 0.42 0.00	21.22 0.42 0.00	25.06 0.67 0.00	22.87 0.47 0.00	23.54 0.61 0.00	21.34 0.29 0.00	24.20 0.41 0.00	25.34 -0.13 0.00	31.81 -0.22 0.00	32.97 -0.36 0.00	33.11 -0.56 0.00	20.68 -0.78 0.00	28.87 -0.72 0.00	33.69 -1.32 0.00	34.60 -0.95 0.00	31.73 -0.44 0.00	29.08 -0.34 0.00	38.55 -0.51 0.00	34.80 -0.45 0.00	32.66 -0.01 0.00	35.02 0.25 0.00	33.84 0.44 0.00
ORANGEVILLE___ESR 323794	13.45 0.26 0.00	14.88 0.25 0.00	20.73 0.42 0.00	21.22 0.42 0.00	25.06 0.67 0.00	22.87 0.47 0.00	23.54 0.61 0.00	21.34 0.29 0.00	24.20 0.41 0.00	25.34 -0.13 0.00	31.81 -0.22 0.00	32.97 -0.36 0.00	33.11 -0.56 0.00	20.68 -0.78 0.00	28.87 -0.72 0.00	33.69 -1.32 0.00	34.60 -0.95 0.00	31.73 -0.44 0.00	29.08 -0.34 0.00	38.55 -0.51 0.00	34.80 -0.45 0.00	32.66 -0.01 0.00	35.02 0.25 0.00	33.84 0.44 0.00
OSWEGATCHIE___HYD 24044	13.07 -0.12 0.00	14.55 -0.08 0.00	20.19 -0.11 0.00	20.65 -0.14 0.00	24.40 -0.18 -0.19	22.34 -0.17 -0.11	22.74 -0.19 0.00	20.90 -0.16 0.00	23.60 -0.19 0.00	25.40 -0.26 -0.20	31.52 -0.52 0.00	32.68 -0.65 0.00	32.98 -0.69 0.00	21.00 -0.46 0.00	28.96 -0.62 0.00	34.42 -0.59 0.00	35.16 -0.40 0.00	31.94 -0.22 0.00	29.35 -0.07 0.00	39.06 -0.01 -0.01	35.15 -0.11 0.00	32.59 -0.10 -0.02	34.77 -0.11 -0.10	33.48 0.08 0.00
OSWEGO___5 23606	12.95 -0.24 0.00	14.37 -0.26 0.00	19.93 -0.37 0.00	20.40 -0.40 0.00	26.29 -0.45 -2.34	23.33 -0.42 -1.36	22.53 -0.40 0.00	20.66 -0.39 0.00	23.36 -0.43 0.00	27.30 -0.54 -2.37	31.35 -0.69 0.00	32.60 -0.72 0.00	32.97 -0.70 0.00	20.94 -0.52 0.00	28.92 -0.66 0.00	34.14 -0.86 0.00	34.75 -0.80 0.00	31.55 -0.62 0.00	28.85 -0.57 0.00	38.39 -0.75 -0.08	34.56 -0.70 0.00	32.36 -0.58 -0.27	35.41 -0.60 -1.23	32.84 -0.56 0.00
OSWEGO___6 23613	12.95 -0.24 0.00	14.37 -0.26 0.00	19.93 -0.37 0.00	20.40 -0.40 0.00	26.29 -0.45 -2.34	23.33 -0.42 -1.36	22.53 -0.40 0.00	20.66 -0.39 0.00	23.36 -0.43 0.00	27.30 -0.54 -2.37	31.35 -0.69 0.00	32.60 -0.72 0.00	32.97 -0.70 0.00	20.94 -0.52 0.00	28.92 -0.66 0.00	34.14 -0.86 0.00	34.75 -0.80 0.00	31.55 -0.62 0.00	28.85 -0.57 0.00	38.39 -0.75 -0.08	34.56 -0.70 0.00	32.36 -0.58 -0.27	35.41 -0.60 -1.23	32.84 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	13.50 0.30 0.00	14.88 0.25 0.00	20.76 0.46 0.00	21.28 0.49 0.00	25.19 0.80 0.00	22.97 0.57 0.00	23.66 0.72 0.00	21.34 0.29 0.00	24.18 0.40 0.00	25.12 -0.35 0.00	31.58 -0.45 0.00	32.73 -0.60 0.00	32.76 -0.90 0.00	20.43 -1.03 0.00	28.50 -1.09 0.00	33.19 -1.82 0.00	34.07 -1.48 0.00	31.35 -0.82 0.00	28.72 -0.70 0.00	38.06 -1.01 0.00	34.39 -0.87 0.00	32.31 -0.36 0.00	34.76 -0.01 0.00	33.76 0.36 0.00
OXBOW___ 24026	13.39 0.19 0.00	14.79 0.16 0.00	20.65 0.35 0.00	21.15 0.36 0.00	25.06 0.67 0.00	22.82 0.43 0.00	23.51 0.58 0.00	21.19 0.13 0.00	24.00 0.22 0.00	24.92 -0.55 0.00	31.31 -0.72 0.00	32.46 -0.87 0.00	32.42 -1.25 0.00	20.20 -1.26 0.00	28.21 -1.38 0.00	32.82 -2.18 0.00	33.68 -1.87 0.00	31.01 -1.16 0.00	28.42 -1.00 0.00	37.62 -1.45 0.00	33.97 -1.28 0.00	31.92 -0.76 0.00	34.37 -0.40 0.00	33.47 0.07 0.00
OXY_CHEM_DSASP 323612	13.25 0.05 0.00	14.62 -0.01 0.00	20.41 0.11 0.00	20.91 0.11 0.00	24.75 0.36 0.00	22.54 0.15 0.00	23.23 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.53 -0.93 0.00	30.83 -1.20 0.00	31.95 -1.38 0.00	31.85 -1.82 0.00	19.84 -1.62 0.00	27.67 -1.92 0.00	32.21 -2.80 0.00	33.07 -2.48 0.00	30.45 -1.72 0.00	27.90 -1.52 0.00	36.92 -2.14 0.00	33.33 -1.92 0.00	31.32 -1.36 0.00	33.77 -1.00 0.00	32.99 -0.42 0.00
OZONE_PARK_ESR 323760	58.92 1.25 -44.48	31.65 1.29 -15.73	23.23 1.67 -1.26	22.53 1.73 -0.01	26.39 2.00 0.00	24.28 1.89 0.00	24.90 1.97 0.00	22.94 1.89 0.00	27.07 2.16 -1.12	34.09 2.49 -6.12	35.53 3.23 -0.27	50.54 3.40 -13.81	37.19 3.52 0.00	71.22 2.47 -47.30	73.40 3.07 -40.75	67.06 3.45 -28.61	63.32 3.37 -24.40	48.58 2.88 -13.52	66.29 2.39 -34.48	65.26 3.20 -23.00	40.81 3.10 -2.46	37.82 2.74 -2.40	38.48 3.01 -0.70	36.92 2.87 -0.65
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.25 0.05 0.00	14.62 -0.01 0.00	20.41 0.11 0.00	20.91 0.11 0.00	24.75 0.36 0.00	22.54 0.15 0.00	23.23 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.53 -0.93 0.00	30.83 -1.20 0.00	31.95 -1.38 0.00	31.85 -1.82 0.00	19.84 -1.62 0.00	27.67 -1.92 0.00	32.21 -2.80 0.00	33.07 -2.48 0.00	30.45 -1.72 0.00	27.90 -1.52 0.00	36.92 -2.14 0.00	33.33 -1.92 0.00	31.32 -1.36 0.00	33.77 -1.00 0.00	32.99 -0.42 0.00

PACKARD__115KV_DUPONT_184 80571	13.25 0.05 0.00	14.62 -0.01 0.00	20.41 0.11 0.00	20.91 0.11 0.00	24.75 0.36 0.00	22.54 0.15 0.00	23.23 0.30 0.00	20.91 -0.14 0.00	23.68 -0.10 0.00	24.53 -0.93 0.00	30.83 -1.20 0.00	31.95 -1.38 0.00	31.85 -1.82 0.00	19.84 -1.62 0.00	27.67 -1.92 0.00	32.21 -2.80 0.00	33.07 -2.48 0.00	30.45 -1.72 0.00	27.90 -1.52 0.00	36.92 -2.14 0.00	33.33 -1.92 0.00	31.32 -1.36 0.00	33.77 -1.00 0.00	32.99 -0.42 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	58.68 1.01 -44.47	31.38 1.03 -15.73	22.87 1.31 -1.26	22.16 1.36 -0.01	25.99 1.59 0.00	23.91 1.51 0.00	24.51 1.58 0.00	22.58 1.53 0.00	26.65 1.75 -1.12	33.60 2.01 -6.12	35.03 2.73 -0.27	49.92 2.78 -13.81	36.58 2.91 0.00	70.88 2.13 -47.29	72.82 2.49 -40.74	66.44 2.83 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.77 1.88 -34.47	64.61 2.55 -22.99	40.18 2.48 -2.46	37.20 2.12 -2.40	37.82 2.35 -0.70	36.29 2.24 -0.65
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	58.84 1.18 -44.47	31.58 1.22 -15.73	23.15 1.59 -1.26	22.45 1.65 -0.01	26.32 1.93 0.00	24.22 1.83 0.00	24.82 1.89 0.00	22.84 1.79 0.00	26.95 2.04 -1.12	33.92 2.33 -6.12	35.40 3.10 -0.27	50.34 3.20 -13.81	37.03 3.36 0.00	71.15 2.40 -47.29	73.23 2.90 -40.74	66.85 3.24 -28.60	63.12 3.18 -24.40	48.42 2.73 -13.52	66.08 2.19 -34.47	65.04 2.98 -22.99	40.57 2.86 -2.46	37.55 2.47 -2.40	38.19 2.71 -0.70	36.68 2.63 -0.65
PATROON__115KV_TB1 80586	23.95 0.32 -10.43	18.67 0.35 -3.69	21.08 0.48 -0.29	21.34 0.54 0.00	25.03 0.65 0.00	23.02 0.63 0.00	23.55 0.62 0.00	21.66 0.61 0.00	24.70 0.66 -0.26	27.65 0.74 -1.43	33.09 0.99 -0.06	37.63 1.06 -3.24	34.69 1.02 0.00	35.63 0.76 -13.41	40.67 0.99 -10.09	43.56 1.23 -7.32	43.06 1.26 -6.25	36.85 1.08 -3.61	39.83 0.90 -9.51	46.72 1.16 -6.50	36.91 1.08 -0.58	33.92 0.85 -0.40	34.85 0.89 0.81	33.46 0.80 0.74
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.47 0.28 0.00	14.87 0.23 0.00	20.72 0.41 0.00	21.21 0.41 0.00	25.05 0.66 0.00	22.85 0.45 0.00	23.55 0.62 0.00	21.33 0.27 0.00	24.20 0.41 0.00	25.26 -0.21 0.00	31.74 -0.30 0.00	32.84 -0.49 0.00	32.99 -0.68 0.00	20.56 -0.90 0.00	28.72 -0.87 0.00	33.50 -1.50 0.00	34.38 -1.17 0.00	31.56 -0.61 0.00	28.91 -0.52 0.00	38.35 -0.72 0.00	34.62 -0.63 0.00	32.57 -0.11 0.00	34.97 0.20 0.00	33.83 0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.64 0.95 -16.50	21.47 1.01 -5.84	22.08 1.31 -0.47	22.17 1.37 0.00	25.99 1.60 0.00	23.90 1.50 0.00	24.49 1.56 0.00	22.56 1.51 0.00	25.96 1.76 -0.42	29.79 2.05 -2.27	34.81 2.67 -0.10	41.26 2.81 -5.12	36.57 2.90 0.00	48.83 2.02 -25.35	48.23 2.62 -16.03	49.52 3.03 -11.48	48.37 3.03 -9.79	40.74 2.60 -5.98	47.98 2.13 -16.43	53.39 2.76 -11.57	38.75 2.59 -0.91	35.87 2.25 -0.95	37.80 2.43 -0.60	36.24 2.28 -0.55
PEEKSKILL____ 23653	65.78 0.83 -51.76	33.79 0.86 -18.30	22.87 1.10 -1.47	21.96 1.16 -0.01	25.74 1.34 0.00	23.67 1.28 0.00	24.26 1.33 0.00	22.34 1.29 0.00	26.57 1.48 -1.31	34.34 1.75 -7.12	34.62 2.27 -0.31	51.77 2.37 -16.07	36.11 2.44 0.00	84.03 1.73 -60.84	346.15 2.18 -314.38	276.24 2.47 -238.76	241.60 2.40 -203.65	117.99 2.01 -83.82	181.16 1.60 -150.14	108.73 2.07 -67.60	40.14 2.02 -2.86	37.21 1.75 -2.78	37.42 1.96 -0.69	35.92 1.89 -0.63
PGE MADISON__WINDPWR 24146	14.34 1.14 0.00	15.84 1.21 0.00	21.96 1.65 0.00	22.47 1.67 0.00	26.63 2.01 -0.24	24.33 1.79 -0.14	24.86 1.93 0.00	22.90 1.84 0.00	25.98 2.20 0.00	27.98 2.27 -0.24	34.87 2.84 0.00	36.15 2.82 0.00	36.37 2.71 0.00	23.09 1.63 0.00	31.95 2.36 0.00	37.88 2.88 0.00	38.62 3.07 0.00	35.22 3.05 0.00	32.33 2.91 0.00	42.91 3.84 -0.01	38.54 3.29 0.00	35.67 2.97 -0.03	37.87 2.97 -0.12	36.23 2.83 0.00
PIERCEFIELD__HYD 23852	12.90 -0.30 0.00	14.33 -0.30 0.00	19.88 -0.42 0.00	20.34 -0.46 0.00	23.91 -0.58 -0.10	21.91 -0.55 -0.06	22.31 -0.62 0.00	20.48 -0.57 0.00	23.10 -0.68 0.00	24.86 -0.72 -0.10	30.95 -1.09 0.00	32.17 -1.15 0.00	32.48 -1.19 0.00	20.72 -0.74 0.00	28.55 -1.04 0.00	34.00 -1.01 0.00	34.59 -0.96 0.00	31.27 -0.90 0.00	28.74 -0.68 0.00	38.28 -0.79 0.00	34.45 -0.80 0.00	31.99 -0.69 -0.01	34.10 -0.73 -0.05	33.03 -0.38 0.00
PINELAWN_CC_1 323563	58.55 1.24 -44.12	31.53 1.30 -15.60	23.23 1.68 -1.25	22.60 1.79 -0.01	26.42 2.03 0.00	24.33 1.93 0.00	24.88 1.95 0.00	22.96 1.91 0.00	27.14 2.24 -1.11	34.28 2.71 -6.10	46.60 3.25 -11.32	60.64 3.11 -24.21	54.72 3.22 -17.83	81.77 2.29 -58.01	84.26 2.66 -52.01	86.16 2.92 -48.23	73.52 2.63 -35.34	56.35 2.31 -21.86	68.89 1.95 -37.52	66.07 2.54 -24.46	40.40 2.71 -2.44	37.61 2.55 -2.39	38.29 2.81 -0.70	36.78 2.73 -0.65
PJM_GEN_HTP_PROXY 323702	58.74 1.00 -44.55	31.39 1.02 -15.74	22.88 1.32 -1.26	22.18 1.37 -0.01	25.99 1.60 0.00	23.91 1.51 0.00	24.51 1.58 0.00	22.58 1.52 0.00	26.66 1.75 -1.12	33.64 2.05 -6.12	34.39 2.65 0.29	49.92 2.77 -13.82	35.70 2.86 0.82	70.80 2.04 -47.31	72.83 2.47 -40.77	66.41 2.78 -28.62	62.66 2.69 -24.41	47.98 2.28 -13.53	65.76 1.85 -34.49	64.51 2.45 -23.00	40.11 2.40 -2.46	37.17 2.09 -2.40	37.79 2.32 -0.70	36.27 2.22 -0.65
PJM_GEN_KEystone 24065	-66.80 0.45 80.44	-7.88 0.45 22.96	19.08 0.59 1.81	21.40 0.62 0.01	25.17 0.78 0.00	23.07 0.67 0.00	23.68 0.76 0.00	21.70 0.64 0.00	22.96 0.79 1.61	17.39 0.74 8.82	32.01 0.92 0.95	14.23 0.78 19.88	33.58 0.74 0.82	-25.13 0.38 46.97	28.35 0.59 1.82	18.40 0.46 17.06	21.56 0.56 14.56	23.32 0.59 9.45	2.74 0.40 27.09	19.93 0.48 19.61	30.94 0.49 4.80	30.07 0.62 3.23	35.98 0.84 -0.36	34.64 0.90 -0.34
PJM_GEN_NEPTUNE_PROXY 323594	58.37 1.01 -44.16	31.28 1.04 -15.60	22.88 1.33 -1.25	22.24 1.44 -0.01	26.01 1.62 0.00	23.94 1.54 0.00	24.49 1.56 0.00	22.60 1.54 0.00	26.69 1.79 -1.11	33.73 2.19 -6.07	41.02 2.76 -6.23	55.15 2.77 -19.05	46.19 2.92 -9.60	76.54 2.13 -52.95	72.47 2.46 -40.43	66.14 2.74 -28.39	62.29 2.52 -24.21	47.79 2.18 -13.44	65.46 1.74 -34.29	64.21 2.25 -22.90	40.04 2.35 -2.44	37.03 1.97 -2.39	37.67 2.20 -0.70	36.19 2.14 -0.65
PJM_GEN_VFT_PROXY 323633	26.94 0.97 -12.77	26.68 0.98 -11.07	22.80 1.24 -1.26	22.10 1.30 -0.01	25.89 1.50 0.00	23.82 1.43 0.00	24.42 1.49 0.00	22.49 1.44 0.00	26.56 1.66 -1.12	33.36 1.95 -5.95	34.28 2.54 0.29	49.78 2.64 -13.81	35.60 2.75 0.82	51.08 2.01 -27.61	72.71 2.37 -40.75	66.28 2.66 -28.61	62.51 2.56 -24.40	47.84 2.15 -13.52	65.60 1.71 -34.47	64.35 2.29 -22.99	39.99 2.29 -2.46	37.08 2.00 -2.40	37.69 2.22 -0.70	36.18 2.13 -0.65
PLATSBURG_115KV_PMLD1 355749	13.34 0.15 0.00	14.86 0.23 0.00	20.55 0.24 0.00	21.08 0.29 0.00	24.88 0.49 0.00	22.86 0.46 0.00	23.37 0.44 0.00	21.52 0.46 0.00	24.29 0.50 0.00	26.03 0.56 0.00	32.76 0.73 0.00	34.11 0.78 0.00	34.44 0.77 0.00	21.95 0.49 0.00	30.38 0.79 0.00	36.25 1.24 0.00	36.95 1.40 0.00	33.40 1.23 0.00	30.46 1.04 0.00	40.50 1.44 0.00	36.40 1.15 0.00	33.61 0.94 0.00	35.66 0.89 0.00	34.35 0.94 0.00

PLEASANTVLY___LBMP 24000	34.51 0.70 -20.61	22.65 0.73 -7.29	21.85 0.96 -0.58	21.82 1.03 0.00	25.58 1.19 0.00	23.53 1.14 0.00	24.10 1.17 0.00	22.18 1.13 0.00	25.59 1.28 -0.52	29.81 1.51 -2.84	34.12 1.96 -0.12	41.77 2.05 -6.40	35.75 2.08 0.00	55.00 1.48 -32.06	51.50 1.87 -20.04	51.66 2.15 -14.51	50.03 2.11 -12.38	41.49 1.77 -7.55	51.60 1.41 -20.76	55.52 1.83 -14.63	38.16 1.77 -1.14	35.37 1.50 -1.20	37.25 1.67 -0.81	35.74 1.60 -0.74
PLSNTVLE_13_KV_13.8KVDIST 80602	48.95 0.89 -34.86	27.88 0.92 -12.33	22.48 1.19 -0.99	22.06 1.26 -0.01	25.85 1.46 0.00	23.77 1.38 0.00	24.36 1.43 0.00	22.44 1.38 0.00	26.26 1.59 -0.88	32.14 1.87 -4.80	34.67 2.43 -0.21	46.70 2.54 -10.83	36.28 2.62 0.00	66.42 1.86 -43.10	64.18 2.34 -32.25	60.33 2.65 -22.68	57.47 2.58 -19.34	45.55 2.18 -11.21	60.80 1.75 -29.63	61.67 2.30 -20.31	39.42 2.24 -1.93	36.53 1.95 -1.91	37.61 2.13 -0.71	36.10 2.04 -0.65
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.95 0.89 -34.86	27.88 0.92 -12.33	22.48 1.19 -0.99	22.06 1.26 -0.01	25.85 1.46 0.00	23.77 1.38 0.00	24.36 1.43 0.00	22.44 1.38 0.00	26.26 1.59 -0.88	32.14 1.87 -4.80	34.67 2.43 -0.21	46.70 2.54 -10.83	36.28 2.62 0.00	66.42 1.86 -43.10	64.18 2.34 -32.25	60.33 2.65 -22.68	57.47 2.58 -19.34	45.55 2.18 -11.21	60.80 1.75 -29.63	61.67 2.30 -20.31	39.42 2.24 -1.93	36.53 1.95 -1.91	37.61 2.13 -0.71	36.10 2.04 -0.65
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.49 0.82 -10.47	19.18 0.85 -3.70	21.72 1.12 -0.30	21.98 1.18 0.00	25.77 1.38 0.00	23.70 1.30 0.00	24.28 1.35 0.00	22.35 1.30 0.00	25.54 1.49 -0.26	28.65 1.74 -1.44	34.34 2.25 -0.06	38.93 2.35 -3.25	36.09 2.42 0.00	40.33 1.71 -17.16	41.97 2.22 -10.16	44.84 2.55 -7.29	44.34 2.57 -6.22	38.31 2.24 -3.91	42.22 1.84 -10.96	49.27 2.39 -7.82	38.07 2.24 -0.58	35.10 1.92 -0.50	36.64 2.08 0.21	35.15 1.94 0.20
POLETTI____ 23519	58.71 1.03 -44.48	31.41 1.05 -15.73	22.90 1.34 -1.26	22.21 1.40 -0.01	26.02 1.63 0.00	23.93 1.54 0.00	24.54 1.60 0.00	22.61 1.55 0.00	26.68 1.77 -1.12	33.66 2.07 -6.12	34.98 2.68 -0.27	49.94 2.80 -13.81	36.58 2.91 0.00	70.85 2.09 -47.30	72.84 2.51 -40.75	66.43 2.82 -28.61	62.68 2.73 -24.40	48.00 2.30 -13.52	65.75 1.85 -34.48	64.53 2.47 -23.00	40.17 2.46 -2.46	37.23 2.15 -2.40	37.85 2.38 -0.70	36.33 2.28 -0.65
POMONA___ESR 323819	-45.62 0.82 59.63	-5.62 0.84 21.09	19.67 1.06 1.69	21.90 1.12 0.01	25.69 1.31 0.00	23.63 1.23 0.00	24.22 1.29 0.00	22.31 1.26 0.00	23.73 1.45 1.50	18.98 1.72 8.21	33.88 2.21 0.36	17.10 2.29 18.52	36.02 2.35 0.00	-27.20 1.68 50.34	-16.06 2.19 47.83	-0.55 2.47 38.02	5.51 2.39 32.43	17.20 1.95 16.93	-9.90 1.53 40.86	14.95 1.97 26.08	33.86 1.90 3.29	31.36 1.64 2.96	37.29 1.88 -0.64	35.83 1.84 -0.59
PORT_JEFF_3 23555	58.59 1.27 -44.12	31.58 1.35 -15.60	23.31 1.76 -1.25	22.64 1.84 -0.01	26.44 2.06 0.00	24.38 1.98 0.00	24.93 2.00 0.00	22.98 1.93 0.00	27.16 2.26 -1.11	34.78 2.80 -6.51	99.73 3.48 -64.22	132.53 3.34 -95.87	164.11 3.41 -127.03	148.92 2.43 -125.03	255.18 2.79 -222.80	378.95 3.06 -340.89	243.02 2.71 -204.77	180.80 2.46 -146.17	116.62 2.06 -85.13	89.33 2.70 -47.57	40.52 2.82 -2.44	37.41 2.34 -2.39	38.11 2.64 -0.70	36.72 2.66 -0.65
PORT_JEFF_4 23616	58.59 1.27 -44.12	31.58 1.35 -15.60	23.31 1.76 -1.25	22.64 1.84 -0.01	26.44 2.06 0.00	24.38 1.98 0.00	24.93 2.00 0.00	22.98 1.93 0.00	27.16 2.26 -1.11	34.78 2.80 -6.51	99.73 3.48 -64.22	132.53 3.34 -95.87	164.11 3.41 -127.03	148.92 2.43 -125.03	255.18 2.79 -222.80	378.95 3.06 -340.89	243.02 2.71 -204.77	180.80 2.46 -146.17	116.62 2.06 -85.13	89.33 2.70 -47.57	40.52 2.82 -2.44	37.41 2.34 -2.39	38.11 2.64 -0.70	36.72 2.66 -0.65
PORT_JEFF_IC 23713	58.64 1.32 -44.12	31.63 1.40 -15.60	23.38 1.83 -1.25	22.72 1.91 -0.01	26.53 2.14 0.00	24.45 2.05 0.00	25.01 2.07 0.00	23.06 2.01 0.00	27.26 2.36 -1.11	34.90 2.91 -6.51	104.49 3.64 -68.82	144.54 3.49 -107.73	182.41 3.58 -145.17	160.11 2.49 -136.16	283.66 2.90 -251.17	427.70 3.20 -389.49	277.19 2.86 -238.78	201.66 2.59 -166.89	124.61 2.15 -93.04	93.26 2.80 -51.40	40.58 2.89 -2.45	37.47 2.40 -2.39	38.23 2.75 -0.70	36.87 2.82 -0.65
PPL PILGRIM_ST_GT1 24216	58.65 1.34 -44.12	31.66 1.42 -15.60	23.40 1.85 -1.25	22.76 1.95 -0.01	26.59 2.20 0.00	24.51 2.11 0.00	25.06 2.13 0.00	23.11 2.06 0.00	27.31 2.42 -1.11	34.57 2.93 -6.17	55.49 3.63 -19.83	71.80 3.51 -34.96	71.30 3.43 -34.20	91.97 2.45 -68.06	110.07 2.86 -77.62	130.38 3.25 -92.11	98.45 2.95 -59.94	75.28 2.61 -40.49	76.23 2.15 -44.66	69.74 2.75 -27.93	40.66 2.97 -2.44	37.60 2.54 -2.39	38.38 2.91 -0.70	36.91 2.86 -0.65
PPL PILGRIM_ST_GT2 24217	58.65 1.34 -44.12	31.66 1.42 -15.60	23.40 1.85 -1.25	22.76 1.95 -0.01	26.59 2.20 0.00	24.51 2.11 0.00	25.06 2.13 0.00	23.11 2.06 0.00	27.31 2.42 -1.11	34.57 2.93 -6.17	55.49 3.63 -19.83	71.80 3.51 -34.96	71.30 3.43 -34.20	91.97 2.45 -68.06	110.07 2.86 -77.62	130.38 3.25 -92.11	98.45 2.95 -59.94	75.28 2.61 -40.49	76.23 2.15 -44.66	69.74 2.75 -27.93	40.66 2.97 -2.44	37.60 2.54 -2.39	38.38 2.91 -0.70	36.91 2.86 -0.65
PPL_SHRM_GT3 24213	58.80 1.49 -44.12	31.80 1.56 -15.60	23.62 2.06 -1.25	22.94 2.14 -0.01	26.78 2.39 0.00	24.68 2.28 0.00	25.25 2.32 0.00	23.29 2.24 0.00	27.56 2.66 -1.11	35.22 3.25 -6.50	100.50 4.04 -64.43	134.87 4.08 -97.46	167.30 4.16 -129.48	150.91 2.92 -126.53	259.76 3.55 -226.63	386.45 4.00 -347.45	249.19 3.70 -209.93	184.30 3.16 -148.97	118.49 2.87 -86.20	90.91 3.77 -48.08	41.43 3.74 -2.44	38.20 3.14 -2.39	38.86 3.39 -0.70	37.33 3.28 -0.65
PPL_SHRM_GT4 24214	58.80 1.49 -44.12	31.80 1.56 -15.60	23.62 2.06 -1.25	22.94 2.14 -0.01	26.78 2.39 0.00	24.68 2.28 0.00	25.25 2.32 0.00	23.29 2.24 0.00	27.56 2.66 -1.11	35.22 3.25 -6.50	100.50 4.04 -64.43	134.87 4.08 -97.46	167.30 4.16 -129.48	150.91 2.92 -126.53	259.76 3.55 -226.63	386.45 4.00 -347.45	249.19 3.70 -209.93	184.30 3.16 -148.97	118.49 2.87 -86.20	90.91 3.77 -48.08	41.43 3.74 -2.44	38.20 3.14 -2.39	38.86 3.39 -0.70	37.33 3.28 -0.65
PROJECT___ORANGE 1 24174	13.13 -0.07 0.00	14.57 -0.06 0.00	20.23 -0.07 0.00	20.70 -0.09 0.00	24.60 -0.09 -0.30	22.48 -0.09 -0.17	22.88 -0.05 0.00	20.97 -0.08 0.00	23.74 -0.05 0.00	25.63 -0.15 -0.31	31.82 -0.21 0.00	33.05 -0.28 0.00	33.44 -0.23 0.00	21.22 -0.24 0.00	29.32 -0.27 0.00	34.60 -0.41 0.00	35.25 -0.30 0.00	32.05 -0.12 0.00	29.29 -0.13 0.00	38.90 -0.17 -0.01	35.08 -0.17 0.00	32.60 -0.11 -0.03	34.83 -0.10 -0.16	33.30 -0.10 0.00
PROJECT___ORANGE 2 24166	13.13 -0.07 0.00	14.57 -0.06 0.00	20.23 -0.07 0.00	20.70 -0.09 0.00	24.60 -0.09 -0.30	22.48 -0.09 -0.17	22.88 -0.05 0.00	20.97 -0.08 0.00	23.74 -0.05 0.00	25.63 -0.15 -0.31	31.82 -0.21 0.00	33.05 -0.28 0.00	33.44 -0.23 0.00	21.22 -0.24 0.00	29.32 -0.27 0.00	34.60 -0.41 0.00	35.25 -0.30 0.00	32.05 -0.12 0.00	29.29 -0.13 0.00	38.90 -0.17 -0.01	35.08 -0.17 0.00	32.60 -0.11 -0.03	34.83 -0.10 -0.16	33.30 -0.10 0.00

RAVENSWOOD_GT_10 24258	58.69 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.42 -0.01	26.04 1.65 0.00	23.95 1.56 0.00	24.55 1.62 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.68 2.09 -6.12	35.07 2.71 -0.33	59.55 2.84 -23.39	37.62 2.94 -1.02	71.70 2.11 -48.13	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.79 1.90 -34.47	64.66 2.52 -23.07	40.35 2.50 -2.60	37.51 2.19 -2.65	37.92 2.44 -0.71	36.38 2.33 -0.65
RAVENSWOOD_GT_11 24259	58.69 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.42 -0.01	26.04 1.64 0.00	23.95 1.56 0.00	24.55 1.62 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.68 2.09 -6.12	35.08 2.72 -0.33	59.55 2.84 -23.39	37.63 2.94 -1.02	71.69 2.10 -48.13	72.86 2.53 -40.74	66.46 2.85 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.79 1.90 -34.47	64.65 2.52 -23.07	40.35 2.50 -2.60	37.51 2.19 -2.65	37.92 2.44 -0.71	36.38 2.33 -0.65
RAVENSWOOD_GT_4 24252	58.69 1.03 -44.47	31.42 1.07 -15.73	22.93 1.36 -1.26	22.23 1.43 -0.01	26.04 1.65 0.00	23.96 1.56 0.00	24.56 1.63 0.00	22.62 1.57 0.00	26.71 1.80 -1.12	33.70 2.10 -6.12	35.40 2.71 -0.66	113.18 2.82 -77.03	43.32 2.93 -6.73	76.40 2.09 -52.84	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.80 1.90 -34.47	65.09 2.54 -23.49	41.17 2.50 -3.43	38.88 2.19 -4.03	37.94 2.43 -0.74	36.38 2.31 -0.67
RAVENSWOOD_GT_5 24254	58.69 1.03 -44.47	31.42 1.07 -15.73	22.93 1.36 -1.26	22.23 1.43 -0.01	26.04 1.65 0.00	23.96 1.56 0.00	24.56 1.63 0.00	22.62 1.57 0.00	26.71 1.80 -1.12	33.70 2.10 -6.12	35.40 2.71 -0.66	113.18 2.82 -77.03	43.32 2.93 -6.73	76.40 2.09 -52.84	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.80 1.90 -34.47	65.09 2.54 -23.49	41.17 2.50 -3.43	38.88 2.19 -4.03	37.94 2.43 -0.74	36.38 2.31 -0.67
RAVENSWOOD_GT_6 24253	58.69 1.03 -44.47	31.42 1.07 -15.73	22.93 1.36 -1.26	22.23 1.43 -0.01	26.04 1.65 0.00	23.96 1.56 0.00	24.56 1.63 0.00	22.62 1.57 0.00	26.71 1.80 -1.12	33.70 2.10 -6.12	35.40 2.71 -0.66	113.18 2.82 -77.03	43.32 2.93 -6.73	76.40 2.09 -52.84	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.80 1.90 -34.47	65.09 2.54 -23.49	41.17 2.50 -3.43	38.88 2.19 -4.03	37.94 2.43 -0.74	36.38 2.31 -0.67
RAVENSWOOD_GT_7 24255	58.69 1.03 -44.47	31.42 1.07 -15.73	22.93 1.36 -1.26	22.23 1.43 -0.01	26.04 1.65 0.00	23.96 1.56 0.00	24.56 1.63 0.00	22.62 1.57 0.00	26.71 1.80 -1.12	33.70 2.10 -6.12	35.40 2.71 -0.66	113.18 2.82 -77.03	43.32 2.93 -6.73	76.40 2.09 -52.84	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.80 1.90 -34.47	65.09 2.54 -23.49	41.17 2.50 -3.43	38.88 2.19 -4.03	37.94 2.43 -0.74	36.38 2.31 -0.67
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.69 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.42 -0.01	26.04 1.65 0.00	23.95 1.56 0.00	24.55 1.62 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.68 2.09 -6.12	35.07 2.71 -0.33	59.55 2.84 -23.39	37.62 2.94 -1.02	71.70 2.11 -48.13	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.79 1.90 -34.47	64.66 2.52 -23.07	40.35 2.50 -2.60	37.51 2.19 -2.65	37.92 2.44 -0.71	36.38 2.33 -0.65
RAVENSWOOD_GT_9 24257	58.69 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.42 -0.01	26.04 1.65 0.00	23.95 1.56 0.00	24.55 1.62 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.68 2.09 -6.12	35.07 2.71 -0.33	59.55 2.84 -23.39	37.62 2.94 -1.02	71.70 2.11 -48.13	72.86 2.54 -40.74	66.46 2.85 -28.60	62.71 2.77 -24.40	48.03 2.34 -13.52	65.79 1.90 -34.47	64.66 2.52 -23.07	40.35 2.50 -2.60	37.51 2.19 -2.65	37.92 2.44 -0.71	36.38 2.33 -0.65
RAVENSWOOD___1 23533	58.71 1.04 -44.47	31.41 1.05 -15.73	22.92 1.36 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.95 1.55 0.00	24.54 1.61 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.67 2.09 -6.11	34.58 2.79 0.25	-31.73 2.89 67.95	27.96 3.00 8.71	63.75 2.18 -40.11	72.85 2.52 -40.74	66.45 2.84 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.78 1.89 -34.47	63.94 2.53 -22.35	38.99 2.54 -1.20	35.25 2.27 -0.31	37.94 2.52 -0.65	36.43 2.41 -0.62
RAVENSWOOD___2 23534	58.68 1.01 -44.47	31.41 1.04 -15.73	22.92 1.36 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.95 1.55 0.00	24.54 1.61 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.67 2.09 -6.11	34.58 2.79 0.25	-31.73 2.89 67.95	27.96 3.00 8.71	63.75 2.18 -40.11	72.85 2.52 -40.74	66.45 2.84 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.78 1.89 -34.47	63.94 2.53 -22.35	38.99 2.54 -1.20	35.25 2.27 -0.31	37.94 2.52 -0.65	36.43 2.41 -0.62
RAVENSWOOD___3 23535	58.69 1.03 -44.47	31.42 1.06 -15.73	22.92 1.36 -1.26	22.22 1.42 -0.01	26.04 1.64 0.00	23.95 1.56 0.00	24.56 1.63 0.00	22.62 1.56 0.00	26.71 1.80 -1.12	33.68 2.09 -6.12	35.02 2.72 -0.27	49.98 2.84 -13.81	36.61 2.94 0.00	70.87 2.12 -47.29	72.86 2.53 -40.74	66.46 2.85 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.79 1.90 -34.47	64.58 2.52 -22.99	40.20 2.50 -2.46	37.28 2.20 -2.40	37.92 2.44 -0.70	36.38 2.33 -0.65
RAVENSWOOD___4 23820	58.70 1.03 -44.47	31.41 1.05 -15.73	22.92 1.36 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.95 1.55 0.00	24.54 1.61 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.67 2.09 -6.11	34.58 2.79 0.25	-31.73 2.89 67.95	27.96 3.00 8.71	63.75 2.18 -40.11	72.85 2.52 -40.74	66.45 2.84 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.78 1.89 -34.47	63.94 2.53 -22.35	38.99 2.54 -1.20	35.25 2.27 -0.31	37.94 2.52 -0.65	36.43 2.41 -0.62
RCPL_TRUST___DRP 24196	58.72 1.01 -44.51	31.42 1.05 -15.74	22.91 1.34 -1.26	22.21 1.41 -0.01	26.02 1.63 0.00	23.94 1.54 0.00	24.54 1.60 0.00	22.61 1.56 0.00	26.70 1.80 -1.12	33.69 2.09 -6.12	35.00 2.71 -0.27	49.98 2.83 -13.82	36.58 2.91 0.00	70.84 2.07 -47.31	72.88 2.52 -40.77	66.46 2.82 -28.62	62.70 2.74 -24.41	48.02 2.32 -13.53	65.79 1.88 -34.49	64.55 2.49 -23.00	40.16 2.46 -2.46	37.21 2.13 -2.40	37.83 2.35 -0.70	36.30 2.25 -0.65
RED___ROCHESTER 323720	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	25.00 0.61 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.51 0.04 0.00	32.07 0.04 0.00	33.37 0.05 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.65 0.06 0.00	34.75 -0.25 0.00	35.59 0.04 0.00	32.55 0.38 0.00	29.81 0.38 0.00	39.56 0.49 0.00	35.74 0.49 0.00	33.36 0.68 0.00	35.68 0.91 0.00	34.40 1.00 0.00
REGAN___SOLAR 323812	24.79 1.67 -9.92	19.94 1.80 -3.51	22.98 2.40 -0.28	23.16 2.37 0.00	27.20 2.81 0.00	24.97 2.57 0.00	25.66 2.73 0.00	23.43 2.38 0.00	26.77 2.73 -0.25	28.96 2.13 -1.37	34.05 1.96 -0.06	37.85 1.45 -3.08	35.37 1.70 0.00	33.91 -0.23 -12.69	39.92 0.74 -9.60	44.52 2.54 -6.97	44.00 2.51 -5.94	38.60 3.01 -3.42	42.35 3.93 -9.01	50.71 5.50 -6.15	40.85 5.05 -0.55	37.53 4.46 -0.39	38.71 4.65 0.71	36.98 4.23 0.65

RENSSELAER___COGEN 23796	23.86 0.22 -10.45	18.56 0.24 -3.70	20.93 0.33 -0.30	21.20 0.41 0.00	24.88 0.49 0.00	22.89 0.49 0.00	23.41 0.48 0.00	21.53 0.48 0.00	24.54 0.49 -0.26	27.48 0.57 -1.44	32.86 0.76 -0.06	37.39 0.82 -3.25	34.42 0.75 0.00	35.46 0.58 -13.42	40.45 0.76 -10.11	43.31 0.97 -7.34	42.77 0.96 -6.26	36.59 0.81 -3.61	39.59 0.66 -9.51	46.40 0.83 -6.50	36.62 0.79 -0.58	33.66 0.58 -0.41	34.61 0.63 0.79	33.24 0.56 0.72
REPUBLIC_115KV_BARTNBRK 55605	24.67 1.27 -10.20	19.67 1.43 -3.61	22.46 1.86 -0.29	22.68 1.89 0.00	26.65 2.25 0.00	24.58 2.19 0.00	25.34 2.41 0.00	23.68 2.63 0.00	27.01 2.97 -0.26	29.75 2.88 -1.40	35.69 3.59 -0.06	40.10 3.61 -3.17	37.22 3.55 0.00	36.76 2.19 -13.10	42.37 2.91 -9.87	46.11 3.94 -7.16	46.22 4.56 -6.11	39.61 3.92 -3.53	42.52 3.80 -9.30	50.63 5.21 -6.36	40.29 4.48 -0.56	36.63 3.58 -0.38	37.56 3.65 0.87	35.70 3.10 0.80
REVERE_CPPR_DRP 24186	13.67 0.48 0.00	15.16 0.53 0.00	21.03 0.73 0.00	21.51 0.72 0.00	25.41 0.85 -0.17	23.29 0.79 -0.10	23.80 0.87 0.00	21.85 0.80 0.00	24.70 0.92 0.00	26.59 0.95 -0.17	33.18 1.15 0.00	34.46 1.13 0.00	34.84 1.17 0.00	22.17 0.71 0.00	30.53 0.94 0.00	36.10 1.09 0.00	36.81 1.26 0.00	33.45 1.28 0.00	30.68 1.26 0.00	40.76 1.70 -0.01	36.71 1.46 0.00	34.00 1.31 -0.02	36.22 1.36 -0.09	34.65 1.24 0.00
REYNOLDS_115KV_TB3 80639	24.23 0.32 -10.71	18.77 0.35 -3.79	21.10 0.49 -0.30	21.35 0.55 0.00	25.04 0.65 0.00	23.04 0.65 0.00	23.57 0.64 0.00	21.68 0.63 0.00	24.71 0.66 -0.27	27.68 0.74 -1.47	33.08 0.99 -0.06	37.69 1.04 -3.33	34.61 0.94 0.00	36.02 0.70 -13.86	40.87 0.91 -10.36	43.71 1.18 -7.52	43.15 1.18 -6.42	36.87 0.99 -3.71	40.04 0.81 -9.81	46.82 1.03 -6.72	36.80 0.96 -0.59	33.80 0.73 -0.40	34.64 0.79 0.92	33.28 0.73 0.85
RIVERBAY____ 323610	58.84 1.18 -44.47	31.58 1.22 -15.73	23.15 1.59 -1.26	22.45 1.65 -0.01	26.32 1.93 0.00	24.22 1.83 0.00	24.82 1.89 0.00	22.84 1.79 0.00	26.95 2.04 -1.12	33.92 2.33 -6.12	35.40 3.10 -0.27	50.34 3.20 -13.81	37.03 3.36 0.00	71.15 2.40 -47.29	73.23 2.90 -40.74	66.85 3.24 -28.60	63.12 3.18 -24.40	48.42 2.73 -13.52	66.08 2.19 -34.47	65.04 2.98 -22.99	40.57 2.86 -2.46	37.55 2.47 -2.40	38.19 2.71 -0.70	36.68 2.63 -0.65
RIVERSDE_115KV_TB3 55908	24.06 0.29 -10.58	18.69 0.31 -3.74	21.05 0.45 -0.30	21.30 0.51 0.00	24.99 0.60 0.00	22.98 0.59 0.00	23.51 0.58 0.00	21.63 0.58 0.00	24.66 0.61 -0.27	27.61 0.68 -1.46	33.02 0.93 -0.06	37.60 0.99 -3.28	34.58 0.91 0.00	35.79 0.69 -13.64	40.71 0.89 -10.23	43.56 1.13 -7.43	43.03 1.14 -6.33	36.78 0.95 -3.66	39.87 0.79 -9.66	46.67 0.99 -6.61	36.77 0.93 -0.58	33.79 0.71 -0.40	34.68 0.77 0.86	33.31 0.70 0.79
ROARING___BROOK_WT_PWR 323790	13.20 0.00 0.00	14.66 0.03 0.00	20.36 0.06 0.00	20.86 0.06 0.00	24.47 0.08 0.00	22.46 0.07 0.00	23.00 0.07 0.00	21.12 0.06 0.00	23.87 0.09 0.00	25.55 0.08 0.00	32.13 0.10 0.00	33.43 0.10 0.00	33.77 0.10 0.00	21.54 0.08 0.00	29.68 0.09 0.00	35.11 0.10 0.00	35.66 0.11 0.00	32.29 0.12 0.00	29.51 0.09 0.00	39.18 0.12 0.00	35.36 0.10 0.00	32.72 0.04 0.00	34.85 0.08 0.00	33.50 0.09 0.00
ROCHESRG_115KV_T4 355643	13.36 0.16 0.00	14.75 0.12 0.00	20.53 0.23 0.00	21.00 0.20 0.00	24.76 0.37 0.00	22.63 0.24 0.00	23.29 0.36 0.00	21.18 0.13 0.00	24.00 0.21 0.00	25.23 -0.24 0.00	31.71 -0.32 0.00	32.98 -0.35 0.00	33.48 -0.19 0.00	21.05 -0.41 0.00	29.20 -0.39 0.00	34.23 -0.78 0.00	35.05 -0.50 0.00	32.06 -0.11 0.00	29.35 -0.07 0.00	38.96 -0.11 0.00	35.20 -0.05 0.00	32.87 0.19 0.00	35.19 0.41 0.00	33.95 0.54 0.00
ROCHESTER_9_IC 23652	13.44 0.24 0.00	14.84 0.20 0.00	20.64 0.33 0.00	21.11 0.32 0.00	24.89 0.50 0.00	22.76 0.36 0.00	23.42 0.49 0.00	21.29 0.24 0.00	24.14 0.35 0.00	25.38 -0.09 0.00	31.92 -0.12 0.00	33.19 -0.14 0.00	33.73 0.06 0.00	21.20 -0.26 0.00	29.41 -0.17 0.00	34.49 -0.52 0.00	35.31 -0.24 0.00	32.30 0.13 0.00	29.57 0.15 0.00	39.26 0.20 0.00	35.48 0.23 0.00	33.12 0.44 0.00	35.44 0.67 0.00	34.18 0.78 0.00
ROCKVIEW_13_KV_LD 356306	58.61 0.98 -44.44	31.36 1.02 -15.71	22.87 1.31 -1.26	22.18 1.37 -0.01	25.99 1.59 0.00	23.90 1.50 0.00	24.49 1.56 0.00	22.57 1.51 0.00	26.65 1.75 -1.12	33.62 2.04 -6.11	34.96 2.66 -0.27	49.92 2.79 -13.80	36.55 2.88 0.00	70.78 2.04 -47.28	72.83 2.54 -40.71	66.44 2.85 -28.58	62.69 2.76 -24.38	48.02 2.34 -13.51	65.77 1.89 -34.45	64.54 2.49 -22.98	40.14 2.44 -2.46	37.20 2.13 -2.40	37.83 2.35 -0.70	36.29 2.24 -0.65
ROME____115KV_TB2 80656	13.67 0.48 0.00	15.16 0.53 0.00	21.03 0.73 0.00	21.51 0.72 0.00	25.41 0.85 -0.17	23.29 0.79 -0.10	23.80 0.87 0.00	21.85 0.80 0.00	24.70 0.92 0.00	26.59 0.95 -0.17	33.18 1.15 0.00	34.46 1.13 0.00	34.84 1.17 0.00	22.17 0.71 0.00	30.53 0.94 0.00	36.10 1.09 0.00	36.81 1.26 0.00	33.45 1.28 0.00	30.68 1.26 0.00	40.76 1.70 -0.01	36.71 1.46 0.00	34.00 1.31 -0.02	36.22 1.36 -0.09	34.65 1.24 0.00
ROSETON___1 23587	13.89 0.69 0.00	15.36 0.72 0.00	21.24 0.94 0.00	21.80 1.01 0.00	25.56 1.17 0.00	23.50 1.11 0.00	24.07 1.14 0.00	22.16 1.11 0.00	25.05 1.26 0.00	26.95 1.48 0.00	33.96 1.93 0.00	35.34 2.01 0.00	35.72 2.05 0.00	-3.29 1.46 26.22	31.24 1.85 0.20	37.12 2.11 0.00	37.62 2.07 0.00	31.60 1.74 2.31	19.86 1.39 10.95	30.96 1.79 9.90	36.99 1.74 0.00	34.27 1.49 -0.11	37.07 1.66 -0.64	35.58 1.59 -0.59
ROSETON___2 23588	13.89 0.69 0.00	15.36 0.72 0.00	21.24 0.94 0.00	21.80 1.01 0.00	25.56 1.17 0.00	23.50 1.11 0.00	24.07 1.14 0.00	22.16 1.11 0.00	25.05 1.26 0.00	26.95 1.48 0.00	33.96 1.93 0.00	35.34 2.01 0.00	35.72 2.05 0.00	-3.29 1.46 26.22	31.24 1.85 0.20	37.12 2.11 0.00	37.62 2.07 0.00	31.60 1.74 2.31	19.86 1.39 10.95	30.96 1.79 9.90	36.99 1.74 0.00	34.27 1.49 -0.11	37.07 1.66 -0.64	35.58 1.59 -0.59
ROTTTRDAM_115KV_TB3 80664	23.65 0.53 -9.92	18.71 0.57 -3.51	21.38 0.80 -0.28	21.64 0.84 0.00	25.38 0.99 0.00	23.33 0.93 0.00	23.87 0.94 0.00	21.95 0.89 0.00	25.05 1.01 -0.25	27.92 1.09 -1.37	33.45 1.36 -0.06	37.80 1.39 -3.08	35.03 1.36 0.00	35.10 0.95 -12.69	40.43 1.24 -9.60	43.48 1.50 -6.97	43.04 1.54 -5.94	36.98 1.39 -3.42	39.65 1.22 -9.01	46.86 1.65 -6.15	37.35 1.55 -0.55	34.38 1.32 -0.39	35.46 1.40 0.71	34.03 1.28 0.65
RUSSELL___1 23602	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	24.99 0.60 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.50 0.03 0.00	32.06 0.03 0.00	33.35 0.03 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.63 0.05 0.00	34.74 -0.27 0.00	35.58 0.03 0.00	32.55 0.38 0.00	29.79 0.37 0.00	39.55 0.48 0.00	35.73 0.48 0.00	33.35 0.68 0.00	35.68 0.91 0.00	34.41 1.00 0.00

RUSSELL___2 23532	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	24.99 0.60 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.50 0.03 0.00	32.06 0.03 0.00	33.35 0.03 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.63 0.05 0.00	34.74 -0.27 0.00	35.58 0.03 0.00	32.55 0.38 0.00	29.79 0.37 0.00	39.55 0.48 0.00	35.73 0.48 0.00	33.35 0.68 0.00	35.68 0.91 0.00	34.41 1.00 0.00
RUSSELL___3 23549	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	24.99 0.60 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.50 0.03 0.00	32.06 0.03 0.00	33.35 0.03 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.63 0.05 0.00	34.74 -0.27 0.00	35.58 0.03 0.00	32.55 0.38 0.00	29.79 0.37 0.00	39.55 0.48 0.00	35.73 0.48 0.00	33.35 0.68 0.00	35.68 0.91 0.00	34.41 1.00 0.00
RUSSELL___4 23556	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	24.99 0.60 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.50 0.03 0.00	32.06 0.03 0.00	33.35 0.03 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.63 0.05 0.00	34.74 -0.27 0.00	35.58 0.03 0.00	32.55 0.38 0.00	29.79 0.37 0.00	39.55 0.48 0.00	35.73 0.48 0.00	33.35 0.68 0.00	35.68 0.91 0.00	34.41 1.00 0.00
RUSSELL___STATION 23914	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	24.99 0.60 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.50 0.03 0.00	32.06 0.03 0.00	33.35 0.03 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.63 0.05 0.00	34.74 -0.27 0.00	35.58 0.03 0.00	32.55 0.38 0.00	29.79 0.37 0.00	39.55 0.48 0.00	35.73 0.48 0.00	33.35 0.68 0.00	35.68 0.91 0.00	34.41 1.00 0.00
S SALMON___HYD 24043	13.16 -0.04 0.00	14.60 -0.03 0.00	20.26 -0.04 0.00	20.72 -0.07 0.00	25.05 -0.06 -0.73	22.75 -0.06 -0.42	22.91 -0.02 0.00	21.02 -0.03 0.00	23.78 -0.01 0.00	26.03 -0.18 -0.74	31.71 -0.32 0.00	32.88 -0.45 0.00	33.16 -0.50 0.00	21.06 -0.40 0.00	29.08 -0.50 0.00	34.39 -0.62 0.00	35.07 -0.48 0.00	31.97 -0.20 0.00	29.29 -0.13 0.00	38.94 -0.15 -0.02	35.10 -0.15 0.00	32.71 -0.05 -0.08	35.20 0.05 -0.38	33.44 0.04 0.00
S.PERRY___115KV_TB1 80734	13.72 0.52 0.00	15.34 0.71 0.00	21.33 1.03 0.00	21.81 1.02 0.00	25.72 1.33 0.00	23.53 1.14 0.00	24.24 1.31 0.00	22.08 1.02 0.00	25.00 1.21 0.00	26.29 0.82 0.00	32.98 0.95 0.00	34.26 0.94 0.00	34.65 0.98 0.00	21.69 0.23 0.00	30.07 0.48 0.00	35.23 0.22 0.00	36.22 0.67 0.00	33.13 0.96 0.00	30.48 1.06 0.00	40.57 1.50 0.00	36.68 1.42 0.00	34.23 1.55 0.00	36.57 1.80 0.00	35.18 1.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.42 0.22 0.00	14.79 0.16 0.00	20.63 0.33 0.00	21.12 0.33 0.00	24.99 0.60 0.00	22.77 0.37 0.00	23.47 0.54 0.00	21.18 0.13 0.00	24.00 0.22 0.00	24.95 -0.52 0.00	31.35 -0.68 0.00	32.48 -0.85 0.00	32.59 -1.08 0.00	20.32 -1.14 0.00	28.33 -1.26 0.00	33.01 -2.00 0.00	33.90 -1.65 0.00	31.17 -1.00 0.00	28.57 -0.85 0.00	37.88 -1.18 0.00	34.25 -1.00 0.00	32.19 -0.48 0.00	34.64 -0.13 0.00	33.59 0.19 0.00
SAWYER___23_KV_LOAD 55526	13.42 0.22 0.00	14.79 0.16 0.00	20.63 0.33 0.00	21.12 0.33 0.00	24.99 0.60 0.00	22.77 0.37 0.00	23.47 0.54 0.00	21.18 0.13 0.00	24.00 0.22 0.00	24.95 -0.52 0.00	31.35 -0.68 0.00	32.48 -0.85 0.00	32.59 -1.08 0.00	20.32 -1.14 0.00	28.33 -1.26 0.00	33.01 -2.00 0.00	33.90 -1.65 0.00	31.17 -1.00 0.00	28.57 -0.85 0.00	37.88 -1.18 0.00	34.25 -1.00 0.00	32.19 -0.48 0.00	34.64 -0.13 0.00	33.59 0.19 0.00
SELKIRK___I 23801	23.16 0.37 -9.59	18.43 0.40 -3.39	21.15 0.58 -0.27	21.45 0.66 0.00	25.19 0.80 0.00	23.16 0.77 0.00	23.67 0.74 0.00	21.77 0.72 0.00	24.78 0.75 -0.24	27.60 0.81 -1.32	33.15 1.06 -0.06	37.42 1.12 -2.98	34.73 1.06 0.00	34.24 0.76 -12.03	39.86 1.01 -9.26	42.98 1.25 -6.73	42.56 1.27 -5.74	36.56 1.11 -3.28	38.95 0.95 -8.58	46.14 1.24 -5.83	36.93 1.15 -0.53	33.99 0.91 -0.40	35.23 0.99 0.53	33.84 0.92 0.49
SELKIRK___II 23799	23.63 0.30 -10.14	18.54 0.32 -3.59	21.04 0.45 -0.29	21.32 0.52 0.00	25.01 0.62 0.00	23.00 0.61 0.00	23.51 0.58 0.00	21.63 0.58 0.00	24.65 0.61 -0.26	27.55 0.69 -1.40	33.01 0.91 -0.06	37.43 0.96 -3.15	34.58 0.91 0.00	35.02 0.68 -12.89	40.27 0.88 -9.80	43.21 1.08 -7.12	42.70 1.08 -6.07	36.58 0.93 -3.49	39.33 0.76 -9.15	46.28 0.97 -6.24	36.74 0.93 -0.56	33.82 0.73 -0.42	34.96 0.80 0.61	33.58 0.73 0.56
SENECA OSWGO___HYD 24041	13.03 -0.16 0.00	14.46 -0.17 0.00	20.07 -0.23 0.00	20.53 -0.26 0.00	25.12 -0.28 -1.02	22.72 -0.27 -0.59	22.69 -0.24 0.00	20.81 -0.24 0.00	23.52 -0.26 0.00	26.16 -0.34 -1.03	31.61 -0.42 0.00	32.85 -0.48 0.00	33.18 -0.48 0.00	21.07 -0.39 0.00	29.09 -0.49 0.00	34.34 -0.67 0.00	34.98 -0.58 0.00	31.77 -0.40 0.00	29.04 -0.38 0.00	38.60 -0.50 -0.03	34.80 -0.45 0.00	32.43 -0.36 -0.11	34.96 -0.35 -0.54	33.06 -0.34 0.00
SENECA___115KV_TB3 355854	13.53 0.33 0.00	14.92 0.28 0.00	20.79 0.49 0.00	21.29 0.49 0.00	25.16 0.77 0.00	22.94 0.55 0.00	23.65 0.72 0.00	21.38 0.33 0.00	24.24 0.45 0.00	25.24 -0.23 0.00	31.73 -0.31 0.00	32.86 -0.47 0.00	33.00 -0.67 0.00	20.57 -0.89 0.00	28.71 -0.88 0.00	33.48 -1.53 0.00	34.36 -1.19 0.00	31.57 -0.60 0.00	28.92 -0.50 0.00	38.37 -0.70 0.00	34.66 -0.60 0.00	32.59 -0.09 0.00	35.02 0.25 0.00	33.90 0.50 0.00
SENECA___ENERGY 23797	13.30 0.11 0.00	14.74 0.11 0.00	20.43 0.13 0.00	20.91 0.12 0.00	25.01 0.19 -0.43	22.78 0.14 -0.25	23.16 0.23 0.00	21.21 0.15 0.00	24.02 0.23 0.00	25.92 0.02 -0.43	32.03 0.00 0.00	33.29 -0.03 0.00	33.83 0.16 0.00	21.34 -0.12 0.00	29.57 -0.02 0.00	34.74 -0.27 0.00	35.48 -0.07 0.00	32.39 0.22 0.00	29.66 0.24 0.00	39.40 0.32 -0.01	35.44 0.19 0.00	33.05 0.32 -0.05	35.37 0.38 -0.22	33.78 0.38 0.00
SHOEMAKER___GT 23640	-20.79 0.63 34.62	3.04 0.65 12.24	20.17 0.85 0.98	21.68 0.89 0.01	25.43 1.04 0.00	23.37 0.98 0.00	23.94 1.01 0.00	22.03 0.98 0.00	24.02 1.11 0.87	22.00 1.29 4.76	33.50 1.67 0.21	24.31 1.73 10.75	35.42 1.76 0.00	-13.09 1.22 35.78	-1.66 1.59 32.83	12.77 1.83 24.07	16.83 1.81 20.53	22.72 1.61 11.06	3.24 1.32 27.50	22.76 1.69 17.99	34.93 1.59 1.91	32.36 1.37 1.69	36.83 1.50 -0.55	35.34 1.43 -0.51
SHOEMAKR_138KV_BK 111 55601	-18.99 0.63 32.81	3.68 0.65 11.60	20.21 0.84 0.93	21.67 0.88 0.01	25.43 1.04 0.00	23.36 0.97 0.00	23.93 1.01 0.00	22.03 0.98 0.00	24.07 1.11 0.83	22.25 1.30 4.52	33.52 1.68 0.20	24.88 1.75 10.19	35.44 1.77 0.00	-12.01 1.24 34.71	0.01 1.62 31.20	14.02 1.86 22.84	17.88 1.82 19.48	23.20 1.60 10.56	4.30 1.30 26.42	23.35 1.65 17.36	35.01 1.57 1.81	32.42 1.34 1.60	36.81 1.49 -0.55	35.33 1.42 -0.50

SHOREHAM_IC_1 23715	58.80 1.49 -44.12	31.80 1.56 -15.60	23.62 2.06 -1.25	22.94 2.14 -0.01	26.78 2.39 0.00	24.68 2.28 0.00	25.25 2.32 0.00	23.29 2.24 0.00	27.56 2.66 -1.11	35.22 3.25 -6.50	100.50 4.04 -64.43	134.87 4.08 -97.46	167.30 4.16 -129.48	150.91 2.92 -126.53	259.76 3.55 -226.63	386.45 4.00 -347.45	249.19 3.70 -209.93	184.30 3.16 -148.97	118.49 2.87 -86.20	90.91 3.77 -48.08	41.43 3.74 -2.44	38.20 3.14 -2.39	38.86 3.39 -0.70	37.33 3.28 -0.65
SHOREHAM_IC_2 23716	58.80 1.49 -44.12	31.80 1.56 -15.60	23.62 2.06 -1.25	22.94 2.14 -0.01	26.78 2.39 0.00	24.68 2.28 0.00	25.25 2.32 0.00	23.29 2.24 0.00	27.56 2.66 -1.11	35.22 3.25 -6.50	100.50 4.04 -64.43	134.87 4.08 -97.46	167.30 4.16 -129.48	150.91 2.92 -126.53	259.76 3.55 -226.63	386.45 4.00 -347.45	249.19 3.70 -209.93	184.30 3.16 -148.97	118.49 2.87 -86.20	90.91 3.77 -48.08	41.43 3.74 -2.44	38.20 3.14 -2.39	38.86 3.39 -0.70	37.33 3.28 -0.65
SISSONVILLE____ 23735	12.90 -0.30 0.00	14.33 -0.30 0.00	19.88 -0.42 0.00	20.34 -0.46 0.00	23.91 -0.58 -0.10	21.91 -0.55 -0.06	22.31 -0.62 0.00	20.48 -0.57 0.00	23.10 -0.68 0.00	24.86 -0.72 -0.10	30.95 -1.09 0.00	32.17 -1.15 0.00	32.48 -1.19 0.00	20.72 -0.74 0.00	28.55 -1.04 0.00	34.00 -1.01 0.00	34.59 -0.96 0.00	31.27 -0.90 0.00	28.74 -0.68 0.00	38.28 -0.79 0.00	34.45 -0.80 0.00	31.99 -0.69 -0.01	34.10 -0.73 -0.05	33.03 -0.38 0.00
SITHE_IND_GS1 24169	12.84 -0.36 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.21 -0.58 0.00	20.79 -0.67 2.93	20.07 -0.62 1.70	22.32 -0.61 0.00	20.47 -0.58 0.00	23.15 -0.64 0.00	21.73 -0.77 2.97	31.06 -0.97 0.00	32.31 -1.02 0.00	32.68 -0.98 0.00	20.75 -0.71 0.00	28.67 -0.91 0.00	33.86 -1.15 0.00	34.46 -1.09 0.00	31.29 -0.88 0.00	28.61 -0.81 0.00	37.88 -1.08 0.10	34.27 -0.98 0.00	31.48 -0.86 0.33	32.32 -0.91 1.54	32.55 -0.85 0.00
SITHE_IND_GS2 24170	12.84 -0.36 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.21 -0.58 0.00	20.79 -0.67 2.93	20.07 -0.62 1.70	22.32 -0.61 0.00	20.47 -0.58 0.00	23.15 -0.64 0.00	21.73 -0.77 2.97	31.06 -0.97 0.00	32.31 -1.02 0.00	32.68 -0.98 0.00	20.75 -0.71 0.00	28.67 -0.91 0.00	33.86 -1.15 0.00	34.46 -1.09 0.00	31.29 -0.88 0.00	28.61 -0.81 0.00	37.88 -1.08 0.10	34.27 -0.98 0.00	31.48 -0.86 0.33	32.32 -0.91 1.54	32.55 -0.85 0.00
SITHE_IND_GS3 24171	12.84 -0.36 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.21 -0.58 0.00	20.79 -0.67 2.93	20.07 -0.62 1.70	22.32 -0.61 0.00	20.47 -0.58 0.00	23.15 -0.64 0.00	21.73 -0.77 2.97	31.06 -0.97 0.00	32.31 -1.02 0.00	32.68 -0.98 0.00	20.75 -0.71 0.00	28.67 -0.91 0.00	33.86 -1.15 0.00	34.46 -1.09 0.00	31.29 -0.88 0.00	28.61 -0.81 0.00	37.88 -1.08 0.10	34.27 -0.98 0.00	31.48 -0.86 0.33	32.32 -0.91 1.54	32.55 -0.85 0.00
SITHE_IND_GS4 24172	12.84 -0.36 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.21 -0.58 0.00	20.79 -0.67 2.93	20.07 -0.62 1.70	22.32 -0.61 0.00	20.47 -0.58 0.00	23.15 -0.64 0.00	21.73 -0.77 2.97	31.06 -0.97 0.00	32.31 -1.02 0.00	32.68 -0.98 0.00	20.75 -0.71 0.00	28.67 -0.91 0.00	33.86 -1.15 0.00	34.46 -1.09 0.00	31.29 -0.88 0.00	28.61 -0.81 0.00	37.88 -1.08 0.10	34.27 -0.98 0.00	31.48 -0.86 0.33	32.32 -0.91 1.54	32.55 -0.85 0.00
SITHE____BATAVIA 24024	13.64 0.45 0.00	15.04 0.41 0.00	20.96 0.66 0.00	21.49 0.70 0.00	25.44 1.05 0.00	23.22 0.82 0.00	23.94 1.01 0.00	21.65 0.60 0.00	24.54 0.76 0.00	25.62 0.15 0.00	32.13 0.09 0.00	33.42 0.10 0.00	33.65 -0.02 0.00	21.04 -0.41 0.00	29.32 -0.27 0.00	34.18 -0.83 0.00	35.11 -0.44 0.00	32.27 0.10 0.00	29.59 0.17 0.00	39.25 0.19 0.00	35.49 0.24 0.00	33.22 0.54 0.00	35.64 0.87 0.00	34.47 1.07 0.00
SITHE____INDEPEND 23800	12.84 -0.36 0.00	14.24 -0.39 0.00	19.76 -0.54 0.00	20.21 -0.58 0.00	20.79 -0.67 2.93	20.07 -0.62 1.70	22.32 -0.61 0.00	20.47 -0.58 0.00	23.15 -0.64 0.00	21.73 -0.77 2.97	31.06 -0.97 0.00	32.31 -1.02 0.00	32.69 -0.98 0.00	20.74 -0.72 0.00	28.67 -0.91 0.00	33.86 -1.15 0.00	34.46 -1.09 0.00	31.29 -0.88 0.00	28.61 -0.81 0.00	37.88 -1.09 0.10	34.27 -0.98 0.00	31.48 -0.87 0.33	32.32 -0.91 1.54	32.55 -0.85 0.00
SITHE____MASSENA 23902	13.09 -0.10 0.00	14.53 -0.10 0.00	20.18 -0.13 0.00	20.65 -0.15 0.00	24.15 -0.24 0.00	22.17 -0.23 0.00	22.69 -0.24 0.00	20.81 -0.24 0.00	23.48 -0.31 0.00	25.19 -0.28 0.00	31.61 -0.42 0.00	32.93 -0.40 0.00	33.23 -0.44 0.00	21.19 -0.27 0.00	29.21 -0.38 0.00	34.72 -0.29 0.00	35.26 -0.29 0.00	31.83 -0.34 0.00	29.21 -0.21 0.00	38.86 -0.20 0.00	34.99 -0.26 0.00	32.48 -0.19 0.00	34.49 -0.28 0.00	33.20 -0.20 0.00
SITHE____OGDNSBRG 24021	13.20 0.01 0.00	14.65 0.02 0.00	20.33 0.02 0.00	20.79 -0.01 0.00	24.30 -0.09 0.00	22.31 -0.08 0.00	22.83 -0.10 0.00	20.95 -0.10 0.00	23.57 -0.22 0.00	25.14 -0.33 0.00	31.49 -0.55 0.00	32.80 -0.52 0.00	33.12 -0.55 0.00	21.13 -0.34 0.00	29.11 -0.47 0.00	34.66 -0.34 0.00	35.26 -0.29 0.00	31.90 -0.27 0.00	29.43 0.01 0.00	39.30 0.24 0.00	35.37 0.12 0.00	32.82 0.14 0.00	34.82 0.05 0.00	33.58 0.18 0.00
SITHE____STERLING 23777	13.58 0.38 0.00	15.05 0.42 0.00	20.87 0.57 0.00	21.36 0.57 0.00	25.25 0.68 -0.18	23.13 0.63 -0.10	23.62 0.69 0.00	21.68 0.63 0.00	24.52 0.74 0.00	26.39 0.74 -0.18	32.94 0.91 0.00	34.24 0.91 0.00	34.61 0.94 0.00	22.02 0.56 0.00	30.34 0.76 0.00	35.86 0.85 0.00	36.55 1.00 0.00	33.19 1.02 0.00	30.42 1.00 0.00	40.41 1.34 -0.01	36.41 1.16 0.00	33.74 1.05 -0.02	35.95 1.08 -0.09	34.39 0.99 0.00
SLEIGHT__34_KV_TB1 80719	13.54 0.34 0.00	15.00 0.37 0.00	20.76 0.46 0.00	21.28 0.48 0.00	25.36 0.62 -0.34	23.11 0.51 -0.20	23.58 0.65 0.00	21.60 0.55 0.00	24.50 0.71 0.00	26.33 0.51 -0.35	32.72 0.69 0.00	34.09 0.77 0.00	34.66 1.00 0.00	21.86 0.40 0.00	30.30 0.71 0.00	35.59 0.58 0.00	36.38 0.83 0.00	33.18 1.02 0.00	30.43 1.01 0.00	40.35 1.27 -0.01	36.31 1.06 0.00	33.81 1.10 -0.04	36.14 1.19 -0.18	34.55 1.14 0.00
SOUTH CAIRO____GT 23612	21.78 0.71 -7.87	18.17 0.75 -2.78	21.58 1.06 -0.22	21.97 1.18 0.00	25.81 1.42 0.00	23.75 1.36 0.00	24.32 1.39 0.00	22.37 1.32 0.00	25.33 1.35 -0.20	27.85 1.30 -1.08	33.64 1.57 -0.05	37.48 1.71 -2.44	35.25 1.58 0.00	31.75 1.21 -9.08	31.73 1.71 -0.43	37.18 2.18 0.00	37.78 2.23 0.00	35.26 2.28 -0.81	35.45 2.22 -3.82	45.59 3.08 -3.45	38.42 2.73 -0.43	35.28 2.27 -0.34	36.73 2.34 0.38	35.13 2.08 0.35
SOUTH HAMPTN____IC 23720	59.05 1.73 -44.12	32.07 1.83 -15.60	23.97 2.42 -1.25	23.31 2.51 -0.01	27.21 2.82 0.00	25.08 2.68 0.00	25.66 2.73 0.00	23.69 2.64 0.00	28.06 3.17 -1.11	35.81 3.84 -6.51	100.10 4.81 -63.26	132.36 4.89 -94.14	162.98 4.91 -124.40	148.30 3.42 -123.42	252.55 4.28 -218.69	373.66 4.82 -333.83	240.36 4.57 -200.24	179.54 4.20 -143.17	117.05 3.64 -83.99	90.77 4.69 -47.01	42.21 4.51 -2.44	38.89 3.83 -2.39	39.57 4.10 -0.70	37.98 3.93 -0.65

SOUTHDOWN_115KV_TB1 355954	13.88 0.68 0.00	15.35 0.71 0.00	21.33 1.03 0.00	21.83 1.04 0.00	25.76 1.37 0.00	23.51 1.11 0.00	24.27 1.34 0.00	22.03 0.98 0.00	25.04 1.26 0.00	26.26 0.80 0.00	32.99 0.96 0.00	34.03 0.70 0.00	34.19 0.52 0.00	21.33 -0.13 0.00	29.85 0.26 0.00	34.81 -0.19 0.00	35.75 0.20 0.00	32.80 0.64 0.00	30.01 0.59 0.00	39.84 0.78 0.00	35.88 0.63 0.00	33.80 1.12 0.00	36.19 1.42 0.00	34.91 1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	59.41 2.09 -44.12	32.44 2.20 -15.60	24.48 2.93 -1.25	23.83 3.03 -0.01	27.82 3.43 0.00	25.64 3.24 0.00	26.25 3.32 0.00	24.23 3.17 0.00	28.74 3.84 -1.11	36.58 4.61 -6.51	101.07 5.77 -63.26	133.28 5.77 -94.18	163.44 5.31 -124.46	148.66 3.74 -123.45	253.06 4.69 -218.78	374.29 5.29 -334.00	240.96 5.03 -200.38	180.57 5.16 -143.24	118.07 4.63 -84.01	92.05 5.97 -47.02	43.26 5.57 -2.44	39.88 4.82 -2.39	40.60 5.12 -0.70	38.91 4.86 -0.65
SOUTHOLD___IC 23719	59.40 2.09 -44.12	32.44 2.20 -15.60	24.48 2.93 -1.25	23.83 3.03 -0.01	27.81 3.42 0.00	25.64 3.24 0.00	26.26 3.32 0.00	24.22 3.17 0.00	28.74 3.84 -1.11	36.57 4.60 -6.51	101.07 5.77 -63.26	133.28 5.77 -94.18	163.44 5.31 -124.46	148.66 3.75 -123.45	253.06 4.69 -218.78	374.29 5.29 -334.00	240.96 5.03 -200.38	180.57 5.16 -143.24	118.06 4.63 -84.01	92.05 5.97 -47.02	43.26 5.57 -2.44	39.88 4.82 -2.39	40.60 5.12 -0.70	38.91 4.86 -0.65
SPIERFLS_115KV_TB 1 80737	24.07 0.70 -10.17	18.98 0.75 -3.60	21.61 1.01 -0.29	21.86 1.06 0.00	25.67 1.27 0.00	23.61 1.21 0.00	24.24 1.31 0.00	22.36 1.31 0.00	25.55 1.51 -0.26	28.37 1.51 -1.40	33.79 1.70 -0.06	38.26 1.78 -3.16	35.33 1.67 0.00	35.76 1.24 -13.06	40.71 1.28 -9.84	43.86 1.71 -7.14	43.52 1.88 -6.09	37.35 1.67 -3.52	40.25 1.56 -9.27	47.77 2.36 -6.34	38.16 2.35 -0.56	34.97 1.92 -0.38	35.85 1.94 0.85	34.09 1.48 0.79
ST LAWRENCE____ 23600	12.98 -0.21 0.00	14.41 -0.23 0.00	19.99 -0.31 0.00	20.46 -0.34 0.00	23.93 -0.46 0.00	21.96 -0.43 0.00	22.49 -0.44 0.00	20.63 -0.42 0.00	23.27 -0.52 0.00	24.99 -0.48 0.00	31.39 -0.64 0.00	32.70 -0.63 0.00	33.00 -0.67 0.00	21.05 -0.41 0.00	29.00 -0.59 0.00	34.48 -0.53 0.00	34.98 -0.57 0.00	31.57 -0.60 0.00	28.95 -0.47 0.00	38.51 -0.55 0.00	34.69 -0.57 0.00	32.19 -0.48 0.00	34.16 -0.61 0.00	32.85 -0.56 0.00
STATE_CA_115KV_115_LB 55624	23.94 0.32 -10.42	18.67 0.35 -3.69	21.08 0.48 -0.29	21.34 0.54 0.00	25.03 0.65 0.00	23.03 0.63 0.00	23.55 0.62 0.00	21.67 0.62 0.00	24.70 0.66 -0.26	27.64 0.74 -1.43	33.09 1.00 -0.06	37.64 1.07 -3.24	34.69 1.02 0.00	35.63 0.76 -13.41	40.67 1.00 -10.08	43.56 1.24 -7.32	43.06 1.27 -6.25	36.86 1.08 -3.61	39.83 0.90 -9.50	46.73 1.16 -6.50	36.91 1.09 -0.58	33.92 0.85 -0.40	34.85 0.89 0.81	33.46 0.80 0.74
STATE_ST_34_KV_LOAD 55959	13.42 0.23 0.00	14.89 0.26 0.00	20.57 0.27 0.00	21.11 0.31 0.00	25.33 0.43 -0.51	23.00 0.31 -0.30	23.33 0.40 0.00	21.41 0.36 0.00	24.26 0.47 0.00	26.27 0.28 -0.52	32.46 0.43 0.00	33.76 0.43 0.00	34.18 0.51 0.00	21.58 0.12 0.00	29.92 0.34 0.00	35.17 0.16 0.00	35.86 0.31 0.00	32.72 0.55 0.00	30.01 0.58 0.00	39.79 0.71 -0.02	35.73 0.48 0.00	33.34 0.61 -0.06	35.67 0.63 -0.27	34.04 0.64 0.00
STATION 5_MISC_HYD 23604	13.44 0.24 0.00	14.84 0.21 0.00	20.64 0.34 0.00	21.11 0.32 0.00	24.90 0.51 0.00	22.76 0.36 0.00	23.43 0.50 0.00	21.29 0.24 0.00	24.14 0.35 0.00	25.39 -0.08 0.00	31.92 -0.11 0.00	33.19 -0.13 0.00	33.74 0.07 0.00	21.21 -0.25 0.00	29.44 -0.15 0.00	34.50 -0.51 0.00	35.32 -0.23 0.00	32.31 0.14 0.00	29.59 0.17 0.00	39.27 0.20 0.00	35.48 0.23 0.00	33.12 0.44 0.00	35.44 0.67 0.00	34.18 0.78 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.44 0.24 0.00	14.86 0.23 0.00	20.64 0.34 0.00	21.11 0.32 0.00	24.96 0.46 -0.11	22.82 0.36 -0.06	23.41 0.48 0.00	21.37 0.31 0.00	24.22 0.44 0.00	25.71 0.14 -0.11	32.20 0.16 0.00	33.52 0.19 0.00	34.19 0.52 0.00	21.53 0.07 0.00	29.85 0.27 0.00	35.06 0.05 0.00	35.87 0.31 0.00	32.75 0.58 0.00	29.98 0.55 0.00	39.81 0.74 0.00	35.90 0.65 0.00	33.47 0.78 -0.01	35.75 0.92 -0.06	34.33 0.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.35 0.15 0.00	14.73 0.10 0.00	20.49 0.19 0.00	20.96 0.16 0.00	24.70 0.31 0.00	22.60 0.20 0.00	23.25 0.32 0.00	21.16 0.10 0.00	23.98 0.19 0.00	25.25 -0.22 0.00	31.76 -0.28 0.00	33.09 -0.24 0.00	33.80 0.13 0.00	21.26 -0.19 0.00	29.48 -0.11 0.00	34.58 -0.43 0.00	35.40 -0.15 0.00	32.36 0.19 0.00	29.62 0.20 0.00	39.32 0.26 0.00	35.52 0.27 0.00	33.15 0.47 0.00	35.44 0.67 0.00	34.18 0.77 0.00
STA_56___34_KV_BUS2 355983	13.35 0.15 0.00	14.73 0.10 0.00	20.49 0.19 0.00	20.96 0.16 0.00	24.70 0.31 0.00	22.60 0.20 0.00	23.25 0.32 0.00	21.16 0.10 0.00	23.98 0.19 0.00	25.25 -0.22 0.00	31.76 -0.28 0.00	33.09 -0.24 0.00	33.80 0.13 0.00	21.26 -0.19 0.00	29.48 -0.11 0.00	34.58 -0.43 0.00	35.40 -0.15 0.00	32.36 0.19 0.00	29.62 0.20 0.00	39.32 0.26 0.00	35.52 0.27 0.00	33.15 0.47 0.00	35.44 0.67 0.00	34.18 0.77 0.00
STA_67___115KV_BK2 355882	13.41 0.21 0.00	14.80 0.17 0.00	20.60 0.30 0.00	21.07 0.28 0.00	24.84 0.45 0.00	22.71 0.32 0.00	23.38 0.45 0.00	21.25 0.20 0.00	24.09 0.30 0.00	25.32 -0.15 0.00	31.84 -0.20 0.00	33.11 -0.21 0.00	33.63 -0.03 0.00	21.14 -0.32 0.00	29.33 -0.26 0.00	34.38 -0.62 0.00	35.21 -0.34 0.00	32.20 0.04 0.00	29.48 0.06 0.00	39.15 0.08 0.00	35.37 0.12 0.00	33.02 0.35 0.00	35.33 0.56 0.00	34.10 0.69 0.00
STA_7___115KV_9TRANS 80674	13.50 0.30 0.00	14.90 0.27 0.00	20.72 0.42 0.00	21.19 0.40 0.00	24.99 0.60 0.00	22.84 0.45 0.00	23.52 0.59 0.00	21.38 0.33 0.00	24.25 0.46 0.00	25.50 0.03 0.00	32.06 0.03 0.00	33.35 0.03 0.00	33.97 0.30 0.00	21.36 -0.10 0.00	29.63 0.05 0.00	34.74 -0.27 0.00	35.58 0.03 0.00	32.55 0.38 0.00	29.79 0.37 0.00	39.55 0.48 0.00	35.73 0.48 0.00	33.35 0.68 0.00	35.68 0.91 0.00	34.41 1.00 0.00
STA_82___115KV_TB1 80780	13.42 0.22 0.00	14.81 0.18 0.00	20.61 0.31 0.00	21.08 0.29 0.00	24.86 0.47 0.00	22.73 0.33 0.00	23.39 0.46 0.00	21.26 0.21 0.00	24.10 0.32 0.00	25.33 -0.14 0.00	31.85 -0.18 0.00	33.13 -0.20 0.00	33.66 -0.01 0.00	21.15 -0.31 0.00	29.34 -0.24 0.00	34.41 -0.60 0.00	35.23 -0.32 0.00	32.23 0.06 0.00	29.51 0.08 0.00	39.17 0.11 0.00	35.39 0.14 0.00	33.05 0.37 0.00	35.36 0.59 0.00	34.12 0.71 0.00
STEEL___WIND 323596	13.52 0.32 0.00	14.91 0.28 0.00	20.78 0.48 0.00	21.28 0.48 0.00	25.17 0.78 0.00	22.94 0.54 0.00	23.63 0.70 0.00	21.37 0.32 0.00	24.22 0.44 0.00	25.24 -0.23 0.00	31.72 -0.32 0.00	32.85 -0.47 0.00	32.96 -0.71 0.00	20.53 -0.92 0.00	28.71 -0.87 0.00	33.46 -1.55 0.00	34.35 -1.20 0.00	31.56 -0.60 0.00	28.92 -0.50 0.00	38.34 -0.72 0.00	34.65 -0.60 0.00	32.57 -0.11 0.00	34.98 0.22 0.00	33.89 0.49 0.00

STEPHTWN_115KV_BK_2 55603	23.95 0.31 -10.45	18.62 0.29 -3.70	21.03 0.44 -0.30	21.27 0.47 0.00	24.99 0.60 0.00	22.95 0.55 0.00	23.48 0.55 0.00	21.65 0.59 0.00	24.64 0.59 -0.26	27.58 0.67 -1.44	33.00 0.91 -0.06	37.61 1.04 -3.25	34.77 1.10 0.00	35.75 0.87 -13.42	40.84 1.15 -10.11	43.82 1.48 -7.34	43.30 1.50 -6.26	37.07 1.29 -3.61	40.09 1.15 -9.51	47.03 1.46 -6.50	37.13 1.30 -0.58	34.17 1.09 -0.41	35.09 1.10 0.79	33.69 1.02 0.72
STEUBEN_REC_LFGE 323667	13.73 0.54 0.00	15.22 0.59 0.00	21.14 0.84 0.00	21.62 0.82 0.00	25.63 1.09 -0.15	23.39 0.91 -0.09	23.97 1.04 0.00	21.84 0.79 0.00	24.76 0.97 0.00	26.28 0.66 -0.15	32.80 0.77 0.00	34.00 0.67 0.00	34.14 0.47 0.00	21.41 -0.05 0.00	29.80 0.21 0.00	34.86 -0.14 0.00	35.87 0.32 0.00	32.86 0.69 0.00	30.06 0.64 0.00	39.95 0.88 0.00	36.00 0.75 0.00	33.71 1.01 -0.02	36.04 1.19 -0.08	34.65 1.25 0.00
STONY__BROOK 24151	58.67 1.35 -44.12	31.66 1.42 -15.60	23.41 1.86 -1.25	22.75 1.95 -0.01	26.57 2.18 0.00	24.49 2.10 0.00	25.04 2.11 0.00	23.11 2.06 0.00	27.32 2.42 -1.11	34.99 2.99 -6.53	109.81 3.77 -74.01	156.08 3.70 -119.05	199.95 3.82 -162.46	170.89 2.66 -146.78	310.98 3.18 -278.21	474.39 3.55 -435.83	308.84 3.22 -270.06	221.69 2.89 -186.64	132.39 2.39 -100.58	97.19 3.06 -55.06	40.80 3.10 -2.45	37.65 2.59 -2.39	38.39 2.92 -0.70	36.97 2.92 -0.65
STURGEON_POOL_HYD 23609	13.94 0.75 0.00	15.42 0.79 0.00	21.32 1.02 0.00	21.87 1.08 0.00	25.65 1.26 0.00	23.58 1.18 0.00	24.14 1.21 0.00	22.22 1.17 0.00	25.16 1.37 0.00	27.14 1.67 0.00	34.19 2.16 0.00	35.57 2.24 0.00	35.97 2.31 0.00	23.24 1.69 -0.09	31.82 2.11 -0.12	37.40 2.39 0.00	37.88 2.33 0.00	34.12 1.95 0.00	30.95 1.53 0.00	41.04 1.97 0.00	37.18 1.93 0.00	34.42 1.70 -0.04	36.96 1.93 -0.25	35.48 1.84 -0.23
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	-26.75 0.71 40.65	0.99 0.73 14.38	20.08 0.93 1.15	21.77 0.98 0.01	25.54 1.15 0.00	23.48 1.09 0.00	24.06 1.12 0.00	22.15 1.10 0.00	24.02 1.26 1.03	21.37 1.49 5.59	33.72 1.94 0.24	22.72 2.02 12.62	35.74 2.07 0.00	-16.42 1.46 39.34	-6.79 1.91 38.28	9.00 2.15 28.16	13.64 2.11 24.02	21.24 1.79 12.72	-0.28 1.42 31.12	20.78 1.81 20.10	34.74 1.73 2.25	32.17 1.49 1.99	37.02 1.67 -0.58	35.54 1.61 -0.54
SWANROAD_115KV_TB1 355699	13.16 -0.03 0.00	14.48 -0.15 0.00	20.22 -0.08 0.00	20.74 -0.05 0.00	24.58 0.19 0.00	22.41 0.01 0.00	23.09 0.16 0.00	20.79 -0.27 0.00	23.53 -0.26 0.00	24.41 -1.06 0.00	30.65 -1.38 0.00	31.75 -1.57 0.00	31.85 -1.82 0.00	19.86 -1.60 0.00	27.70 -1.89 0.00	32.22 -2.79 0.00	33.06 -2.49 0.00	30.46 -1.70 0.00	27.92 -1.50 0.00	36.99 -2.07 0.00	33.54 -1.71 0.00	31.51 -1.17 0.00	33.96 -0.81 0.00	32.98 -0.43 0.00
SYNERGY__BIOGAS 323694	13.64 0.45 0.00	15.04 0.41 0.00	20.96 0.66 0.00	21.49 0.70 0.00	25.44 1.05 0.00	23.22 0.82 0.00	23.94 1.01 0.00	21.65 0.60 0.00	24.54 0.76 0.00	25.62 0.15 0.00	32.13 0.09 0.00	33.42 0.10 0.00	33.65 -0.02 0.00	21.04 -0.41 0.00	29.32 -0.27 0.00	34.18 -0.83 0.00	35.11 -0.44 0.00	32.27 0.10 0.00	29.59 0.17 0.00	39.25 0.19 0.00	35.49 0.24 0.00	33.22 0.54 0.00	35.64 0.87 0.00	34.47 1.07 0.00
SYRACUSE__ENERGY_ST1 323597	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.02 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.34 -0.12 0.00	29.49 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.27 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
SYRACUSE__ENERGY_ST2 323598	13.21 0.02 0.00	14.66 0.03 0.00	20.33 0.03 0.00	20.81 0.01 0.00	24.99 0.03 -0.56	22.74 0.02 -0.32	22.99 0.06 0.00	21.09 0.03 0.00	23.86 0.08 0.00	26.02 -0.02 -0.56	32.01 -0.02 0.00	33.27 -0.05 0.00	33.65 -0.02 0.00	21.34 -0.12 0.00	29.49 -0.09 0.00	34.80 -0.21 0.00	35.46 -0.09 0.00	32.23 0.06 0.00	29.47 0.05 0.00	39.14 0.06 -0.02	35.27 0.03 0.00	32.82 0.08 -0.06	35.16 0.09 -0.29	33.48 0.08 0.00
SYRACUSE__POWER 24017	13.20 0.00 0.00	14.65 0.01 0.00	20.34 0.03 0.00	20.80 0.00 0.00	24.79 0.03 -0.37	22.63 0.02 -0.21	22.98 0.05 0.00	21.08 0.02 0.00	23.85 0.07 0.00	25.83 -0.02 -0.37	31.98 -0.05 0.00	33.22 -0.11 0.00	33.60 -0.07 0.00	21.31 -0.15 0.00	29.45 -0.14 0.00	34.77 -0.24 0.00	35.43 -0.12 0.00	32.22 0.06 0.00	29.46 0.04 0.00	39.13 0.05 -0.01	35.29 0.04 0.00	32.80 0.08 -0.04	35.05 0.08 -0.20	33.47 0.07 0.00
TALLMAN__138KV_BK151 55660	-41.94 0.80 55.93	-4.33 0.82 19.78	19.75 1.04 1.59	21.87 1.09 0.01	25.67 1.27 0.00	23.60 1.20 0.00	24.18 1.25 0.00	22.28 1.23 0.00	23.78 1.41 1.41	19.46 1.68 7.70	33.87 2.17 0.34	18.21 2.25 17.37	35.98 2.32 0.00	-25.24 1.66 48.36	-17.49 2.15 49.23	0.04 2.42 37.39	5.99 2.33 31.89	17.55 1.92 16.54	-8.78 1.50 39.70	15.77 1.92 25.22	34.02 1.86 3.09	31.51 1.60 2.77	37.24 1.84 -0.63	35.78 1.80 -0.58
TEALLAVE_115KV_TB7 355573	13.12 -0.08 0.00	14.56 -0.07 0.00	20.22 -0.09 0.00	20.68 -0.11 0.00	24.59 -0.10 -0.30	22.47 -0.11 -0.17	22.87 -0.06 0.00	20.97 -0.08 0.00	23.72 -0.07 0.00	25.62 -0.16 -0.31	31.81 -0.22 0.00	33.05 -0.28 0.00	33.43 -0.23 0.00	21.22 -0.24 0.00	29.31 -0.28 0.00	34.59 -0.41 0.00	35.25 -0.30 0.00	32.02 -0.15 0.00	29.27 -0.16 0.00	38.86 -0.21 -0.01	35.06 -0.19 0.00	32.58 -0.13 -0.03	34.81 -0.13 -0.16	33.28 -0.12 0.00
TELGRAPH_34_KV_EAST 80808	13.40 0.20 0.00	14.77 0.14 0.00	20.61 0.31 0.00	21.17 0.38 0.00	25.07 0.68 0.00	22.87 0.48 0.00	23.57 0.64 0.00	21.27 0.21 0.00	24.10 0.32 0.00	25.07 -0.40 0.00	31.49 -0.54 0.00	32.66 -0.66 0.00	32.82 -0.85 0.00	20.48 -0.98 0.00	28.56 -1.03 0.00	33.26 -1.75 0.00	34.15 -1.40 0.00	31.43 -0.74 0.00	28.80 -0.62 0.00	38.19 -0.87 0.00	34.57 -0.68 0.00	32.42 -0.25 0.00	34.86 0.09 0.00	33.79 0.39 0.00
TEMPLE__115KV_TB 2 55572	13.13 -0.07 0.00	14.57 -0.06 0.00	20.23 -0.07 0.00	20.70 -0.09 0.00	24.60 -0.09 -0.30	22.48 -0.09 -0.17	22.88 -0.05 0.00	20.97 -0.08 0.00	23.74 -0.05 0.00	25.63 -0.15 -0.31	31.82 -0.21 0.00	33.05 -0.28 0.00	33.44 -0.23 0.00	21.22 -0.24 0.00	29.32 -0.27 0.00	34.60 -0.41 0.00	35.25 -0.30 0.00	32.05 -0.12 0.00	29.29 -0.13 0.00	38.90 -0.17 -0.01	35.08 -0.17 0.00	32.60 -0.11 -0.03	34.83 -0.10 -0.16	33.30 -0.10 0.00
TIANA__69_KV_BK 1 55817	58.97 1.66 -44.12	31.98 1.74 -15.60	23.87 2.31 -1.25	23.20 2.40 -0.01	27.08 2.69 0.00	24.96 2.56 0.00	25.54 2.61 0.00	23.57 2.52 0.00	27.91 3.01 -1.11	35.64 3.67 -6.51	99.89 4.60 -63.26	132.16 4.66 -94.18	162.83 4.70 -124.45	148.19 3.28 -123.45	252.44 4.09 -218.77	373.59 4.62 -333.97	240.26 4.36 -200.35	179.37 3.98 -143.23	116.86 3.43 -84.01	90.52 4.44 -47.02	41.98 4.29 -2.44	38.70 3.64 -2.39	39.37 3.89 -0.70	37.80 3.75 -0.65

TILDEN___115KV_TB1 80814	13.20 0.00 0.00	14.65 0.01 0.00	20.34 0.03 0.00	20.80 0.00 0.00	24.79 0.03 -0.37	22.63 0.02 -0.21	22.98 0.05 0.00	21.08 0.02 0.00	23.85 0.07 0.00	25.83 -0.02 -0.37	31.98 -0.05 0.00	33.22 -0.11 0.00	33.60 -0.07 0.00	21.31 -0.15 0.00	29.45 -0.14 0.00	34.77 -0.24 0.00	35.43 -0.12 0.00	32.22 0.06 0.00	29.46 0.04 0.00	39.13 0.05 -0.01	35.29 0.04 0.00	32.80 0.08 -0.04	35.05 0.08 -0.20	33.47 0.07 0.00
TRIGEN___CC 323695	58.35 1.04 -44.12	31.31 1.08 -15.60	22.93 1.38 -1.25	22.29 1.49 -0.01	26.07 1.69 0.00	23.99 1.60 0.00	24.55 1.62 0.00	22.65 1.60 0.00	26.76 1.86 -1.11	33.79 2.25 -6.07	42.37 2.86 -7.47	55.57 2.90 -19.35	47.14 3.05 -10.42	77.11 2.19 -53.47	72.59 2.58 -40.43	66.28 2.88 -28.39	62.46 2.70 -24.21	47.94 2.34 -13.44	65.60 1.88 -34.29	64.42 2.46 -22.90	40.22 2.53 -2.44	37.20 2.14 -2.39	37.81 2.34 -0.70	36.32 2.27 -0.65
TRINITY__115KV__4 BK 55933	23.92 0.25 -10.47	18.60 0.27 -3.70	20.99 0.39 -0.30	21.25 0.45 0.00	24.92 0.53 0.00	22.92 0.53 0.00	23.45 0.51 0.00	21.57 0.52 0.00	24.59 0.54 -0.26	27.53 0.62 -1.44	32.92 0.82 -0.06	37.47 0.89 -3.25	34.48 0.82 0.00	35.56 0.64 -13.46	40.53 0.81 -10.13	43.40 1.04 -7.35	42.86 1.04 -6.27	36.66 0.87 -3.62	39.67 0.71 -9.54	46.49 0.90 -6.52	36.68 0.85 -0.58	33.71 0.63 -0.40	34.66 0.68 0.79	33.27 0.60 0.73
UNION___PROCESSING_DRP 323587	13.42 0.23 0.00	14.82 0.18 0.00	20.62 0.31 0.00	21.09 0.30 0.00	24.86 0.47 0.00	22.74 0.34 0.00	23.40 0.47 0.00	21.27 0.22 0.00	24.11 0.32 0.00	25.34 -0.12 0.00	31.87 -0.17 0.00	33.15 -0.18 0.00	33.67 0.00 0.00	21.16 -0.30 0.00	29.35 -0.23 0.00	34.42 -0.59 0.00	35.24 -0.31 0.00	32.24 0.07 0.00	29.51 0.09 0.00	39.18 0.12 0.00	35.41 0.16 0.00	33.06 0.38 0.00	35.37 0.60 0.00	34.12 0.72 0.00
UPPER HUDSON___HYD 24058	24.07 0.70 -10.17	18.98 0.75 -3.60	21.60 1.01 -0.29	21.86 1.06 0.00	25.66 1.27 0.00	23.61 1.21 0.00	24.24 1.31 0.00	22.36 1.31 0.00	25.55 1.51 -0.26	28.37 1.50 -1.40	33.79 1.69 -0.06	38.26 1.77 -3.16	35.33 1.67 0.00	35.74 1.22 -13.06	40.71 1.28 -9.84	43.86 1.71 -7.14	43.52 1.87 -6.09	37.35 1.67 -3.52	40.25 1.56 -9.27	47.77 2.36 -6.34	38.16 2.35 -0.56	34.97 1.92 -0.38	35.85 1.94 0.85	34.09 1.48 0.79
UPPER RAQUET___HYD 24056	12.90 -0.30 0.00	14.33 -0.30 0.00	19.88 -0.42 0.00	20.33 -0.46 0.00	23.91 -0.58 -0.10	21.91 -0.55 -0.06	22.31 -0.62 0.00	20.48 -0.57 0.00	23.10 -0.68 0.00	24.85 -0.72 -0.10	30.95 -1.09 0.00	32.17 -1.15 0.00	32.48 -1.19 0.00	20.72 -0.75 0.00	28.55 -1.04 0.00	34.00 -1.00 0.00	34.59 -0.96 0.00	31.27 -0.90 0.00	28.74 -0.68 0.00	38.28 -0.79 0.00	34.45 -0.80 0.00	31.99 -0.69 -0.01	34.10 -0.73 -0.05	33.03 -0.37 0.00
VALLEY44_115KV_TB2 355964	13.51 0.31 0.00	14.99 0.35 0.00	20.85 0.55 0.00	21.34 0.55 0.00	25.16 0.77 0.00	22.97 0.58 0.00	23.68 0.75 0.00	21.54 0.49 0.00	24.49 0.70 0.00	25.78 0.31 0.00	32.33 0.30 0.00	33.10 -0.23 0.00	33.24 -0.43 0.00	20.71 -0.75 0.00	28.92 -0.67 0.00	33.82 -1.19 0.00	34.73 -0.82 0.00	31.83 -0.33 0.00	29.09 -0.33 0.00	38.59 -0.47 0.00	34.84 -0.41 0.00	32.88 0.20 0.00	35.23 0.46 0.00	34.02 0.62 0.00
VALLEY___115KV_TB 1-4 80826	13.28 0.09 0.00	14.74 0.11 0.00	20.49 0.18 0.00	21.04 0.25 0.00	24.71 0.32 0.00	22.68 0.28 0.00	23.24 0.31 0.00	21.41 0.36 0.00	24.23 0.44 0.00	25.91 0.44 0.00	32.53 0.50 0.00	33.82 0.49 0.00	34.14 0.47 0.00	21.80 0.34 0.00	30.10 0.52 0.00	35.65 0.65 0.00	36.21 0.66 0.00	32.81 0.64 0.00	30.05 0.63 0.00	39.90 0.83 0.00	35.93 0.68 0.00	33.05 0.37 0.00	35.30 0.53 0.00	33.80 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	13.73 0.53 0.00	15.21 0.58 0.00	21.09 0.79 0.00	21.62 0.82 0.00	25.48 0.97 -0.12	23.36 0.89 -0.07	23.81 0.88 0.00	21.89 0.84 0.00	24.77 0.98 0.00	26.69 1.10 -0.12	33.45 1.42 0.00	34.78 1.45 0.00	35.13 1.46 0.00	22.43 0.97 0.00	30.91 1.33 0.00	36.54 1.53 0.00	37.14 1.59 0.00	33.63 1.46 0.00	30.66 1.24 0.00	40.69 1.62 0.00	36.71 1.46 0.00	33.97 1.28 -0.01	36.20 1.37 -0.06	34.66 1.26 0.00
VISCHER___FERRY HYD 24020	24.35 0.50 -10.65	18.94 0.54 -3.77	21.38 0.78 -0.30	21.62 0.82 0.00	25.34 0.95 0.00	23.33 0.94 0.00	23.89 0.95 0.00	21.95 0.90 0.00	25.05 1.00 -0.27	28.01 1.07 -1.47	33.46 1.36 -0.06	38.03 1.40 -3.31	34.96 1.29 0.00	36.15 0.92 -13.77	41.08 1.19 -10.30	44.02 1.54 -7.48	43.49 1.56 -6.38	37.21 1.35 -3.70	40.38 1.18 -9.78	47.31 1.54 -6.70	37.27 1.43 -0.59	34.18 1.14 -0.36	34.89 1.22 1.10	33.50 1.11 1.01
V_A_10_SYNC_DSASP 323832	13.33 0.13 0.00	14.71 0.07 0.00	20.50 0.20 0.00	20.98 0.18 0.00	24.80 0.41 0.00	22.61 0.21 0.00	23.29 0.36 0.00	21.07 0.02 0.00	23.88 0.09 0.00	24.93 -0.54 0.00	31.32 -0.71 0.00	32.48 -0.85 0.00	32.71 -0.96 0.00	20.46 -1.00 0.00	28.47 -1.11 0.00	33.24 -1.77 0.00	34.10 -1.45 0.00	31.29 -0.87 0.00	28.67 -0.75 0.00	38.01 -1.05 0.00	34.38 -0.87 0.00	32.23 -0.44 0.00	34.63 -0.14 0.00	33.54 0.13 0.00
V_CMM_10_SYNC_DSASP 323787	13.03 -0.16 0.00	14.46 -0.17 0.00	20.08 -0.22 0.00	20.54 -0.25 0.00	24.03 -0.36 0.00	22.05 -0.34 0.00	22.59 -0.34 0.00	20.72 -0.34 0.00	23.37 -0.42 0.00	25.10 -0.37 0.00	31.52 -0.51 0.00	32.84 -0.49 0.00	33.14 -0.52 0.00	21.13 -0.33 0.00	29.13 -0.45 0.00	34.62 -0.38 0.00	35.14 -0.41 0.00	31.71 -0.46 0.00	29.08 -0.34 0.00	38.67 -0.39 0.00	34.84 -0.41 0.00	32.33 -0.34 0.00	34.32 -0.46 0.00	32.99 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	13.34 0.15 0.00	14.86 0.23 0.00	20.55 0.24 0.00	21.08 0.29 0.00	24.88 0.49 0.00	22.86 0.46 0.00	23.37 0.44 0.00	21.52 0.46 0.00	24.29 0.50 0.00	26.02 0.56 0.00	32.76 0.73 0.00	34.11 0.78 0.00	34.45 0.77 0.00	21.95 0.49 0.00	30.38 0.79 0.00	36.25 1.24 0.00	36.95 1.40 0.00	33.40 1.23 0.00	30.46 1.04 0.00	40.50 1.44 0.00	36.40 1.15 0.00	33.61 0.94 0.00	35.66 0.89 0.00	34.35 0.95 0.00
V_E_10_SYNC_DSASP 323830	14.34 1.14 0.00	15.84 1.21 0.00	21.96 1.65 0.00	22.47 1.67 0.00	26.63 2.01 -0.24	24.33 1.79 -0.14	24.86 1.93 0.00	22.90 1.84 0.00	25.98 2.20 0.00	27.98 2.27 -0.24	34.87 2.84 0.00	36.15 2.82 0.00	36.37 2.71 0.00	23.09 1.63 0.00	31.95 2.36 0.00	37.88 2.88 0.00	38.62 3.07 0.00	35.22 3.05 0.00	32.33 2.91 0.00	42.91 3.84 -0.01	38.54 3.29 0.00	35.67 2.97 -0.03	37.87 2.97 -0.12	36.23 2.83 0.00
V_F_30_NSYNC___DSASP 323816	24.17 0.73 -10.24	19.05 0.79 -3.62	21.69 1.10 -0.29	21.94 1.15 0.00	25.74 1.35 0.00	23.68 1.29 0.00	24.26 1.33 0.00	22.33 1.27 0.00	25.49 1.45 -0.26	28.39 1.51 -1.41	33.95 1.85 -0.06	38.45 1.94 -3.18	35.53 1.86 0.00	35.90 1.28 -13.16	41.13 1.64 -9.91	44.26 2.06 -7.19	43.83 2.14 -6.14	37.65 1.93 -3.54	40.51 1.74 -9.35	47.85 2.39 -6.40	38.05 2.23 -0.57	34.93 1.88 -0.38	35.82 1.94 0.89	34.29 1.71 0.82

V_F_30_SYNC_DSASP 323786	23.95 0.32 -10.43	18.67 0.35 -3.69	21.08 0.48 -0.29	21.34 0.54 0.00	25.03 0.65 0.00	23.02 0.63 0.00	23.55 0.62 0.00	21.66 0.61 0.00	24.70 0.66 -0.26	27.65 0.74 -1.43	33.09 0.99 -0.06	37.63 1.06 -3.24	34.69 1.02 0.00	35.63 0.76 -13.41	40.67 0.99 -10.09	43.56 1.23 -7.32	43.06 1.26 -6.25	36.85 1.08 -3.61	39.83 0.90 -9.51	46.72 1.16 -6.50	36.91 1.08 -0.58	33.92 0.85 -0.40	34.85 0.89 0.81	33.46 0.80 0.74
V_XM_10_SYNC_DSASP 323789	13.34 0.15 0.00	14.86 0.23 0.00	20.55 0.24 0.00	21.08 0.29 0.00	24.88 0.49 0.00	22.86 0.46 0.00	23.37 0.44 0.00	21.52 0.46 0.00	24.29 0.50 0.00	26.02 0.56 0.00	32.76 0.73 0.00	34.11 0.78 0.00	34.45 0.77 0.00	21.95 0.49 0.00	30.38 0.79 0.00	36.25 1.24 0.00	36.95 1.40 0.00	33.40 1.23 0.00	30.46 1.04 0.00	40.50 1.44 0.00	36.40 1.15 0.00	33.61 0.94 0.00	35.66 0.89 0.00	34.35 0.95 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	-45.79 0.85 59.84	-5.66 0.87 21.16	19.71 1.10 1.70	21.95 1.16 0.01	25.75 1.37 0.00	23.68 1.29 0.00	24.27 1.34 0.00	22.36 1.31 0.00	23.78 1.50 1.51	19.02 1.78 8.23	33.97 2.29 0.36	17.12 2.37 18.58	36.12 2.45 0.00	-27.25 1.74 50.45	-15.90 2.27 47.76	-0.48 2.57 38.06	5.57 2.49 32.46	17.28 2.06 16.95	-9.87 1.63 40.92	15.03 2.10 26.13	33.96 2.02 3.31	31.45 1.74 2.97	37.39 1.98 -0.64	35.92 1.93 -0.59
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	58.72 1.02 -44.51	31.42 1.05 -15.74	22.92 1.36 -1.26	22.22 1.41 -0.01	26.04 1.65 0.00	23.95 1.55 0.00	24.55 1.62 0.00	22.62 1.56 0.00	26.71 1.80 -1.12	33.70 2.10 -6.12	35.01 2.72 -0.27	50.00 2.86 -13.82	36.60 2.93 0.00	70.86 2.09 -47.31	72.89 2.53 -40.77	66.47 2.84 -28.62	62.71 2.74 -24.41	48.03 2.33 -13.53	65.79 1.89 -34.49	64.57 2.51 -23.00	40.17 2.46 -2.46	37.22 2.14 -2.40	37.83 2.36 -0.70	36.30 2.25 -0.65
W50THST__13_KV_LOAD 356117	58.82 1.12 -44.51	31.54 1.16 -15.74	23.08 1.51 -1.26	22.38 1.57 -0.01	26.22 1.83 0.00	24.12 1.73 0.00	24.73 1.80 0.00	22.79 1.74 0.00	26.92 2.01 -1.12	33.93 2.33 -0.27	35.30 3.00 -13.82	50.30 3.16 -13.82	36.89 3.22 0.00	71.04 2.27 -47.31	73.08 2.73 -40.77	66.69 3.05 -28.62	62.92 2.95 -24.41	48.22 2.52 -13.53	65.98 2.07 -34.49	64.81 2.75 -23.00	40.40 2.70 -2.46	37.40 2.32 -2.40	38.01 2.54 -0.70	36.46 2.41 -0.65
WADING RIVER_IC_1 23522	58.81 1.49 -44.12	31.81 1.57 -15.60	23.63 2.07 -1.25	22.96 2.15 -0.01	26.79 2.40 0.00	24.69 2.30 0.00	25.26 2.33 0.00	23.31 2.26 0.00	27.58 2.68 -1.11	35.25 3.28 -6.51	99.41 4.08 -63.30	131.38 4.10 -93.96	161.95 4.17 -124.12	147.63 2.93 -123.24	251.39 3.56 -218.24	372.09 4.01 -333.07	238.84 3.74 -199.56	178.37 3.36 -142.84	116.18 2.90 -83.86	89.77 3.76 -46.95	41.43 3.74 -2.44	38.21 3.15 -2.39	38.88 3.41 -0.70	37.35 3.30 -0.65
WADING RIVER_IC_2 23547	58.81 1.49 -44.12	31.81 1.57 -15.60	23.63 2.07 -1.25	22.96 2.15 -0.01	26.79 2.40 0.00	24.69 2.30 0.00	25.26 2.33 0.00	23.31 2.26 0.00	27.58 2.68 -1.11	35.25 3.28 -6.51	99.41 4.08 -63.30	131.38 4.10 -93.96	161.95 4.17 -124.12	147.63 2.93 -123.24	251.39 3.56 -218.24	372.09 4.01 -333.07	238.84 3.74 -199.56	178.37 3.36 -142.84	116.18 2.90 -83.86	89.77 3.76 -46.95	41.43 3.74 -2.44	38.21 3.15 -2.39	38.88 3.41 -0.70	37.35 3.30 -0.65
WADING RIVER_IC_3 23601	58.81 1.49 -44.12	31.81 1.57 -15.60	23.63 2.07 -1.25	22.96 2.15 -0.01	26.79 2.40 0.00	24.69 2.30 0.00	25.26 2.33 0.00	23.31 2.26 0.00	27.58 2.68 -1.11	35.25 3.28 -6.51	99.41 4.08 -63.30	131.38 4.10 -93.96	161.95 4.17 -124.12	147.63 2.93 -123.24	251.39 3.56 -218.24	372.09 4.01 -333.07	238.84 3.74 -199.56	178.37 3.36 -142.84	116.18 2.90 -83.86	89.77 3.76 -46.95	41.43 3.74 -2.44	38.21 3.15 -2.39	38.88 3.41 -0.70	37.35 3.30 -0.65
WALDENNY_12_KV_BK2 80841	13.52 0.32 0.00	14.90 0.27 0.00	20.77 0.47 0.00	21.27 0.47 0.00	25.15 0.76 0.00	22.94 0.54 0.00	23.65 0.72 0.00	21.37 0.31 0.00	24.23 0.44 0.00	25.23 -0.24 0.00	31.72 -0.32 0.00	32.85 -0.48 0.00	32.98 -0.69 0.00	20.56 -0.90 0.00	28.69 -0.89 0.00	33.45 -1.56 0.00	34.32 -1.22 0.00	31.54 -0.63 0.00	28.90 -0.52 0.00	38.33 -0.73 0.00	34.65 -0.61 0.00	32.56 -0.12 0.00	34.99 0.22 0.00	33.88 0.47 0.00
WALDEN__HYDRO 24148	3.96 0.83 10.07	11.94 0.86 3.56	21.14 1.12 0.29	21.96 1.17 0.00	25.75 1.36 0.00	23.67 1.28 0.00	24.25 1.32 0.00	22.33 1.28 0.00	25.00 1.47 0.25	25.82 1.73 1.39	34.20 2.23 0.06	32.48 2.28 3.13	36.04 2.37 0.00	13.12 1.64 9.98	22.09 2.17 9.66	30.41 2.50 7.09	32.00 2.50 6.05	31.15 2.21 3.22	23.34 1.85 7.93	36.28 2.36 5.14	36.90 2.21 0.56	34.15 1.91 0.43	37.38 2.08 -0.52	35.85 1.97 -0.48
WARRENSBURG____ 23737	24.07 0.70 -10.17	18.98 0.75 -3.60	21.60 1.01 -0.29	21.86 1.06 0.00	25.66 1.27 0.00	23.61 1.21 0.00	24.24 1.31 0.00	22.36 1.31 0.00	25.55 1.51 -0.26	28.37 1.50 -1.40	33.79 1.69 -0.06	38.26 1.77 -3.16	35.33 1.67 0.00	35.74 1.22 -13.06	40.71 1.28 -9.84	43.86 1.71 -7.14	43.52 1.87 -6.09	37.35 1.67 -3.52	40.25 1.56 -9.27	47.77 2.36 -6.34	38.16 2.35 -0.56	34.97 1.92 -0.38	35.85 1.94 0.85	34.09 1.48 0.79
WATERSIDE____6 8 9 23538	58.70 1.03 -44.47	31.41 1.05 -15.73	22.92 1.35 -1.26	22.21 1.41 -0.01	26.03 1.64 0.00	23.94 1.55 0.00	24.54 1.61 0.00	22.62 1.56 0.00	26.70 1.80 -1.12	33.67 2.09 -6.11	34.58 2.79 0.25	-31.73 2.89 67.95	27.96 3.00 8.71	63.75 2.17 -40.11	72.85 2.53 -40.74	66.45 2.84 -28.60	62.72 2.77 -24.40	48.03 2.34 -13.52	65.78 1.89 -34.47	63.94 2.53 -22.35	38.99 2.54 -1.20	35.25 2.27 -0.31	37.94 2.52 -0.65	36.43 2.41 -0.62
WATKINRD_115KV_LN8_ILLION 55919	13.28 0.08 0.00	14.73 0.09 0.00	20.45 0.14 0.00	20.98 0.18 0.00	24.62 0.23 0.00	22.61 0.22 0.00	23.15 0.22 0.00	21.29 0.24 0.00	24.08 0.29 0.00	25.76 0.29 0.00	32.37 0.33 0.00	33.64 0.32 0.00	33.98 0.31 0.00	21.69 0.23 0.00	29.93 0.35 0.00	35.43 0.43 0.00	35.99 0.44 0.00	32.60 0.43 0.00	29.85 0.43 0.00	39.63 0.56 0.00	35.75 0.50 0.00	32.99 0.31 0.00	35.15 0.37 0.00	33.69 0.29 0.00
WATSON__69_KV_BK 1 55734	58.81 1.50 -44.12	31.82 1.58 -15.60	23.62 2.07 -1.25	22.97 2.17 -0.01	26.84 2.45 0.00	24.74 2.34 0.00	25.29 2.36 0.00	23.34 2.29 0.00	27.61 2.71 -1.11	35.02 3.27 -6.28	71.12 4.09 -35.00	94.35 4.10 -56.93	105.52 4.16 -67.70	112.96 2.88 -88.62	163.11 3.52 -130.01	220.89 4.00 -181.88	152.63 3.69 -113.38	114.12 3.32 -78.64	91.46 2.78 -59.27	77.68 3.60 -35.01	41.31 3.61 -2.44	38.17 3.11 -2.39	38.88 3.41 -0.70	37.37 3.32 -0.65
WDELAWARE__HYD 323627	7.49 0.60 6.31	12.99 0.59 2.23	20.86 0.74 0.18	21.56 0.77 0.00	25.29 0.90 0.00	23.25 0.85 0.00	23.83 0.90 0.00	21.94 0.89 0.00	24.67 1.04 0.16	25.88 1.28 0.87	33.62 1.62 0.04	32.96 1.59 1.96	34.45 0.78 0.00	14.09 0.73 8.10	30.00 0.74 0.32	35.86 0.85 0.00	36.32 0.77 0.00	32.14 0.69 0.72	26.54 0.52 3.40	36.80 0.81 3.08	36.58 1.68 0.35	33.83 1.42 0.27	36.65 1.54 -0.34	35.14 1.43 -0.31

WEST BABYLON___IC 23714	58.73 1.42 -44.12	31.73 1.49 -15.60	23.49 1.94 -1.25	22.86 2.05 -0.01	26.72 2.33 0.00	24.61 2.21 0.00	25.17 2.24 0.00	23.23 2.17 0.00	27.46 2.56 -1.11	34.68 3.09 -6.12	50.21 3.84 -14.34	65.55 3.83 -28.40	61.80 3.92 -24.21	86.14 2.75 -61.93	94.90 3.32 -61.99	104.11 3.76 -65.34	84.38 3.47 -45.35	64.38 3.08 -29.13	72.30 2.57 -40.31	68.21 3.34 -25.81	41.09 3.40 -2.44	38.03 2.97 -2.39	38.74 3.26 -0.70	37.21 3.16 -0.65
WEST CANADA___HYD 24049	13.25 0.06 0.00	14.69 0.06 0.00	20.38 0.08 0.00	20.88 0.09 0.00	24.51 0.12 0.00	22.50 0.11 0.00	23.02 0.09 0.00	21.16 0.11 0.00	23.91 0.12 0.00	25.60 0.13 0.00	32.19 0.16 0.00	33.50 0.17 0.00	33.84 0.17 0.00	21.57 0.11 0.00	29.74 0.15 0.00	35.18 0.17 0.00	35.74 0.20 0.00	32.35 0.18 0.00	29.57 0.15 0.00	39.26 0.20 0.00	35.43 0.18 0.00	32.82 0.14 0.00	34.94 0.17 0.00	33.55 0.14 0.00
WESTERN_NY_WIND 24143	13.63 0.43 0.00	15.02 0.39 0.00	20.94 0.64 0.00	21.47 0.68 0.00	25.42 1.03 0.00	23.20 0.80 0.00	23.92 0.99 0.00	21.63 0.58 0.00	24.52 0.73 0.00	25.58 0.11 0.00	32.07 0.04 0.00	33.37 0.05 0.00	33.59 -0.08 0.00	21.01 -0.45 0.00	29.28 -0.31 0.00	34.11 -0.90 0.00	35.03 -0.52 0.00	32.21 0.04 0.00	29.54 0.11 0.00	39.18 0.12 0.00	35.43 0.17 0.00	33.17 0.50 0.00	35.58 0.81 0.00	34.42 1.02 0.00
WESTOVER___LESR 323668	13.43 0.24 0.00	14.92 0.29 0.00	20.68 0.38 0.00	21.18 0.39 0.00	25.08 0.47 -0.22	22.94 0.42 -0.12	23.37 0.44 0.00	21.45 0.40 0.00	24.28 0.50 0.00	26.14 0.44 -0.22	32.55 0.52 0.00	33.77 0.44 0.00	34.09 0.42 0.00	21.61 0.15 0.00	29.95 0.36 0.00	35.30 0.29 0.00	35.98 0.43 0.00	32.69 0.52 0.00	29.88 0.46 0.00	39.70 0.63 -0.01	35.69 0.44 0.00	33.27 0.57 -0.03	35.51 0.62 -0.11	33.98 0.57 0.00
WETHRSFD_WT_PWR 323626	13.46 0.26 0.00	14.89 0.26 0.00	20.73 0.43 0.00	21.23 0.43 0.00	25.06 0.67 0.00	22.87 0.48 0.00	23.54 0.61 0.00	21.36 0.30 0.00	24.21 0.42 -0.10	25.37 -0.19 0.00	31.84 -0.33 0.00	32.99 -0.53 0.00	33.14 -0.53 0.00	20.70 -0.75 0.00	28.91 -0.68 0.00	33.74 -1.27 0.00	34.63 -0.91 0.00	31.76 -0.41 0.00	29.11 -0.31 0.00	38.60 -0.46 0.00	34.83 -0.42 0.00	32.69 0.01 0.00	35.04 0.27 0.00	33.86 0.46 0.00
WHAVSTOR_138KV_BK127 55557	-46.63 0.78 60.61	-5.99 0.81 21.43	19.60 1.02 1.72	21.86 1.08 0.01	25.65 1.26 0.00	23.59 1.19 0.00	24.17 1.24 0.00	22.26 1.21 0.00	23.65 1.39 1.53	18.79 1.66 8.34	33.80 2.13 0.36	16.70 2.20 18.82	35.92 2.25 0.00	-27.78 1.62 50.86	-15.78 2.10 47.46	-0.83 2.35 38.19	5.24 2.26 32.57	16.99 1.85 17.03	-10.29 1.45 41.16	14.62 1.86 26.31	33.72 1.81 3.35	31.22 1.55 3.01	37.21 1.79 -0.64	35.77 1.77 -0.59
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	-46.63 0.78 60.61	-5.99 0.81 21.43	19.60 1.02 1.72	21.86 1.08 0.01	25.65 1.26 0.00	23.59 1.19 0.00	24.17 1.24 0.00	22.26 1.21 0.00	23.65 1.39 1.53	18.79 1.66 8.34	33.80 2.13 0.36	16.70 2.20 18.82	35.92 2.25 0.00	-27.78 1.62 50.86	-15.78 2.10 47.46	-0.83 2.35 38.19	5.24 2.26 32.57	16.99 1.85 17.03	-10.29 1.45 41.16	14.62 1.86 26.31	33.72 1.81 3.35	31.22 1.55 3.01	37.21 1.79 -0.64	35.77 1.77 -0.59
WHITEHAL_115KV_TB1 80871	24.34 0.94 -10.20	19.31 1.07 -3.61	21.99 1.40 -0.29	22.20 1.41 0.00	26.08 1.69 0.00	24.06 1.66 0.00	24.78 1.85 0.00	23.02 1.97 0.00	26.24 2.19 -0.26	28.92 2.04 -1.40	34.55 2.46 -0.06	38.99 2.50 -3.17	35.98 2.32 0.00	36.10 1.54 -13.10	41.44 1.99 -9.87	45.04 2.86 -7.16	45.03 3.37 -6.11	38.53 2.83 -3.53	41.55 2.83 -9.30	49.31 3.89 -6.36	39.12 3.30 -0.56	35.56 2.50 -0.38	36.51 2.61 0.87	34.79 2.19 0.80
WHITEPLN_13_KV_LOAD 356215	61.50 1.03 -47.27	32.43 1.08 -16.72	23.04 1.41 -1.34	22.27 1.46 -0.01	26.09 1.70 0.00	24.00 1.60 0.00	24.60 1.67 0.00	22.66 1.61 0.00	26.85 1.87 -1.19	34.16 2.19 -6.50	35.18 2.86 -0.28	51.02 3.01 -14.68	36.78 3.11 0.00	72.19 2.17 -48.55	76.77 2.77 -44.42	69.39 3.13 -31.25	65.25 3.05 -26.65	49.26 2.59 -14.50	67.93 2.13 -36.38	65.80 2.78 -23.96	40.53 2.67 -2.61	37.57 2.34 -2.55	38.04 2.57 -0.70	36.48 2.44 -0.65
WM_FLOYD_69_KV_BK2 356380	58.77 1.46 -44.12	31.77 1.53 -15.60	23.58 2.03 -1.25	22.91 2.11 -0.01	26.74 2.35 0.00	24.65 2.25 0.00	25.22 2.29 0.00	23.26 2.21 0.00	27.52 2.62 -1.11	35.16 3.19 -6.50	99.23 3.96 -63.24	132.69 3.96 -95.40	164.06 4.07 -126.33	148.92 2.86 -124.60	254.75 3.47 -221.70	377.91 3.90 -339.00	243.75 3.63 -204.57	180.85 3.30 -145.38	117.06 2.82 -84.83	90.12 3.64 -47.42	41.33 3.63 -2.44	38.12 3.06 -2.39	38.79 3.32 -0.70	37.27 3.22 -0.65
WOODARD___115KV_TB2 355635	13.09 -0.10 0.00	14.52 -0.11 0.00	20.16 -0.15 0.00	20.62 -0.17 0.00	24.60 -0.17 -0.38	22.44 -0.17 -0.22	22.79 -0.14 0.00	20.90 -0.15 0.00	23.65 -0.14 0.00	25.62 -0.23 -0.39	31.72 -0.31 0.00	32.97 -0.36 0.00	33.35 -0.32 0.00	21.16 -0.30 0.00	29.24 -0.35 0.00	34.51 -0.50 0.00	35.16 -0.39 0.00	31.94 -0.22 0.00	29.20 -0.22 0.00	38.77 -0.30 -0.01	34.97 -0.28 0.00	32.50 -0.21 -0.04	34.75 -0.22 -0.20	33.20 -0.20 0.00
YORK___WARBASSE 23770	58.74 1.07 -44.47	31.46 1.10 -15.73	23.00 1.43 -1.26	22.29 1.49 -0.01	26.14 1.75 0.00	24.05 1.65 0.00	24.66 1.73 0.00	22.72 1.68 0.00	26.84 1.93 -1.12	33.87 2.23 -6.16	37.76 2.94 -2.78	451.73 3.07 -415.33	79.58 3.15 -42.76	106.36 2.35 -82.55	72.94 2.61 -40.74	66.63 3.02 -28.60	62.94 3.00 -24.40	48.19 2.50 -13.52	65.97 2.08 -34.47	68.00 2.77 -26.17	46.61 2.74 -8.61	47.82 2.45 -12.70	38.43 2.71 -0.94	36.79 2.61 -0.78