

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/16/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	31.19	30.65	29.17	30.86	30.60	30.60	31.18	101.61	60.39	29.94	28.35	29.21	27.14	30.62	34.47	46.28	38.28	66.54	39.56	37.16	62.31	33.95	31.37	27.25
24138	1.61	1.03	1.51	1.62	1.73	1.73	1.81	6.38	3.63	2.07	2.16	2.32	2.07	2.43	2.63	3.21	2.61	4.58	2.72	2.13	-0.59	0.21	-0.40	-0.18
	-3.95	-12.40	-2.37	-2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-6.52	-71.23	-30.90	-37.29	-29.84
74TH STREET_GT_1	31.16	30.64	29.14	30.83	30.57	30.57	31.15	101.46	60.33	29.89	28.25	29.14	27.07	30.53	34.38	46.18	38.20	66.38	39.48	37.11	62.33	33.94	31.38	27.26
24260	1.58	1.02	1.48	1.60	1.70	1.70	1.78	6.23	3.57	2.02	2.06	2.25	2.01	2.34	2.53	3.10	2.53	4.43	2.64	2.08	-0.58	0.21	-0.39	-0.17
	-3.95	-12.40	-2.37	-2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-6.52	-71.23	-30.90	-37.29	-29.85
74TH STREET_GT_2	31.16	30.64	29.14	30.83	30.57	30.57	31.15	101.46	60.33	29.89	28.25	29.14	27.07	30.53	34.38	46.18	38.20	66.38	39.48	37.11	62.33	33.94	31.38	27.26
24261	1.58	1.02	1.48	1.60	1.70	1.70	1.78	6.23	3.57	2.02	2.06	2.25	2.01	2.34	2.53	3.10	2.53	4.43	2.64	2.08	-0.58	0.21	-0.39	-0.17
	-3.95	-12.40	-2.37	-2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-6.52	-71.23	-30.90	-37.29	-29.85
ADK HUDSON___FALLS	32.29	33.85	30.02	31.60	30.80	30.80	31.37	102.61	60.99	29.56	27.76	28.42	26.42	29.84	33.88	45.79	38.01	65.73	39.01	38.30	79.96	41.51	40.63	34.63
24011	1.74	1.17	1.77	1.81	1.93	1.93	2.01	7.37	4.22	1.70	1.56	1.53	1.36	1.65	2.04	2.72	2.33	3.78	2.17	1.67	-0.50	0.16	-0.33	-0.15
	-4.93	-15.47	-2.95	-2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-8.13	-88.78	-38.52	-46.48	-37.20
ADK RESOURCE___RCVRY	32.47	33.97	30.21	31.78	30.97	30.97	31.61	103.74	61.75	29.85	27.98	28.62	26.58	30.06	34.17	46.25	38.35	66.11	39.21	38.46	79.96	41.54	40.63	34.64
23798	1.92	1.27	1.97	1.99	2.11	2.11	2.25	8.50	4.98	1.99	1.79	1.73	1.51	1.87	2.33	3.17	2.67	4.15	2.38	1.82	-0.55	0.17	-0.36	-0.16
	-4.93	-15.48	-2.95	-2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-8.14	-88.83	-38.54	-46.51	-37.22
ADK S GLENS___FALLS	32.29	33.85	30.02	31.60	30.80	30.80	31.37	102.61	60.99	29.56	27.76	28.42	26.42	29.84	33.88	45.79	38.01	65.73	39.01	38.30	79.96	41.51	40.63	34.63
24028	1.74	1.17	1.77	1.81	1.93	1.93	2.01	7.37	4.22	1.70	1.56	1.53	1.36	1.65	2.04	2.72	2.33	3.78	2.17	1.67	-0.50	0.16	-0.33	-0.15
	-4.93	-15.47	-2.95	-2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-8.13	-88.78	-38.52	-46.48	-37.20
ADK_NYS___DAM	31.74	33.03	29.44	30.99	30.25	30.25	30.57	99.11	58.77	28.53	26.90	27.83	25.97	29.40	33.28	44.99	37.39	64.72	38.45	37.73	77.21	40.24	39.22	33.48
23527	1.34	0.84	1.28	1.29	1.39	1.39	1.22	3.87	2.00	0.66	0.71	0.94	0.90	1.21	1.44	1.91	1.71	2.77	1.62	1.36	-0.39	0.13	-0.25	-0.11
	-4.77	-14.97	-2.86	-2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-7.87	-85.92	-37.28	-44.98	-36.00
AIR_PRODUCTS___DRP	30.68	32.42	28.42	29.97	29.15	29.15	29.57	95.92	56.95	27.91	26.32	27.10	25.23	28.49	32.17	43.54	36.16	62.72	37.27	36.78	77.84	40.29	39.59	33.70
24190	0.27	0.17	0.26	0.26	0.29	0.29	0.22	0.69	0.18	0.04	0.13	0.21	0.17	0.30	0.33	0.46	0.48	0.76	0.43	0.38	-0.09	0.03	-0.05	-0.02
	-4.79	-15.03	-2.87	-2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-7.90	-86.26	-37.42	-45.16	-36.14
AKWESSNE_115KV_BK	7.32	16.24	23.46	24.70	26.33	26.33	27.14	89.92	54.67	27.24	24.89	25.19	23.53	26.38	29.69	40.93	33.95	58.68	34.96	27.31	-5.17	3.89	-3.67	-1.05
355683	-2.51	-1.45	-1.93	-2.36	-2.54	-2.54	-2.22	-5.31	-2.09	-0.63	-1.30	-1.70	-1.54	-1.81	-2.15	-2.14	-1.67	-3.27	-1.87	-1.44	0.42	-0.13	0.42	0.26
	15.79	-0.47	-0.09	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-2.73	-1.19	-1.43	-1.11
ALBANY___1	30.68	32.42	28.42	29.97	29.15	29.15	29.57	95.92	56.95	27.91	26.32	27.10	25.23	28.49	32.17	43.54	36.16	62.72	37.27	36.78	77.84	40.29	39.59	33.70
23571	0.27	0.17	0.26	0.26	0.29	0.29	0.22	0.69	0.18	0.04	0.13	0.21	0.17	0.30	0.33	0.46	0.48	0.76	0.43	0.38	-0.09	0.03	-0.05	-0.02
	-4.79	-15.03	-2.87	-2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-7.90	-86.26	-37.42	-45.16	-36.14
ALBANY___2	30.68	32.42	28.42	29.97	29.15	29.15	29.57	95.92	56.95	27.91	26.32	27.10	25.23	28.49	32.17	43.54	36.16	62.72	37.27	36.78	77.84	40.29	39.59	33.70
23572	0.27	0.17	0.26	0.26	0.29	0.29	0.22	0.69	0.18	0.04	0.13	0.21	0.17	0.30	0.33	0.46	0.48	0.76	0.43	0.38	-0.09	0.03	-0.05	-0.02
	-4.79	-15.03	-2.87	-2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-7.90	-86.26	-37.42	-45.16	-36.14
ALBANY___3	30.68	32.42	28.42	29.97	29.15	29.15	29.57	95.92	56.95	27.91	26.32	27.10	25.23	28.49	32.17	43.54	36.16	62.72	37.27	36.78	77.84	40.29	39.59	33.70
23573	0.27	0.17	0.26	0.26	0.29	0.29	0.22	0.69	0.18	0.04	0.13	0.21	0.17	0.30	0.33	0.46	0.48	0.76	0.43	0.38	-0.09	0.03	-0.05	-0.02
	-4.79	-15.03	-2.87	-2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	-7.90	-86.26	-37.42	-45.16	-36.14

ALBANY___4 23574	30.68 0.27 -4.79	32.42 0.17 -15.03	28.42 0.26 -2.87	29.97 0.26 -2.73	29.15 0.29 0.00	29.15 0.29 0.00	29.57 0.22 0.00	95.92 0.69 0.00	56.95 0.18 0.00	27.91 0.04 0.00	26.32 0.13 0.00	27.10 0.21 0.00	25.23 0.17 0.00	28.49 0.30 0.00	32.17 0.33 0.00	43.54 0.46 0.00	36.16 0.48 -0.06	62.72 0.76 0.00	37.27 0.43 0.00	36.78 0.38 -7.90	77.84 -0.09 -86.26	40.29 0.03 -37.42	39.59 -0.05 -45.16	33.70 -0.02 -36.14
ALBANY___LFGE 323615	31.00 0.54 -4.83	32.73 0.36 -15.16	28.72 0.53 -2.89	30.27 0.54 -2.75	29.44 0.58 0.00	29.44 0.58 0.00	29.88 0.52 0.00	96.99 1.75 0.00	57.60 0.83 0.00	28.22 0.35 0.00	26.61 0.42 0.00	27.40 0.51 0.00	25.51 0.44 0.00	28.80 0.61 0.00	32.54 0.70 0.00	44.04 0.97 0.00	36.58 0.90 -0.06	63.46 1.51 0.00	37.69 0.85 0.00	37.17 0.71 -7.97	78.46 -0.19 -86.97	40.63 0.07 -37.73	39.91 -0.11 -45.53	33.98 -0.04 -36.44
ALCOA_PA_115KV_PL-6C 55860	8.61 -2.22 14.80	16.47 -1.25 -0.51	23.76 -1.63 -0.10	25.04 -2.03 -0.09	26.67 -2.19 0.00	26.67 -2.19 0.00	27.52 -1.84 0.00	91.24 -3.99 0.00	55.44 -1.33 0.00	27.57 -0.30 0.00	25.20 -1.00 0.00	25.51 -1.38 0.00	23.81 -1.26 0.00	26.56 -1.63 0.00	29.89 -1.95 0.00	41.22 -1.85 0.00	34.22 -1.40 0.00	59.13 -2.83 0.00	35.23 -1.61 0.00	27.51 -1.25 -0.26	-5.07 0.37 -2.88	3.97 -0.11 -1.25	-3.63 0.39 -1.51	-1.00 0.25 -1.17
ALCOA_RYNLDS___DRP 24188	8.61 -2.22 14.80	16.47 -1.25 -0.51	23.76 -1.63 -0.10	25.04 -2.03 -0.09	26.67 -2.19 0.00	26.67 -2.19 0.00	27.52 -1.84 0.00	91.24 -3.99 0.00	55.44 -1.33 0.00	27.57 -0.30 0.00	25.20 -1.00 0.00	25.51 -1.38 0.00	23.81 -1.26 0.00	26.56 -1.63 0.00	29.89 -1.95 0.00	41.22 -1.85 0.00	34.22 -1.40 0.00	59.13 -2.83 0.00	35.23 -1.61 0.00	27.51 -1.25 -0.26	-5.07 0.37 -2.88	3.97 -0.11 -1.25	-3.63 0.39 -1.51	-1.00 0.25 -1.17
ALCOA___DSASP 323711	8.59 -2.23 14.80	16.47 -1.26 -0.51	23.76 -1.63 -0.10	25.04 -2.03 -0.09	26.67 -2.19 0.00	26.67 -2.19 0.00	27.52 -1.84 0.00	91.24 -3.99 0.00	55.44 -1.33 0.00	27.57 -0.30 0.00	25.20 -1.00 0.00	25.51 -1.38 0.00	23.81 -1.25 0.00	26.56 -1.63 0.00	29.89 -1.95 0.00	41.22 -1.85 0.00	34.22 -1.40 0.00	59.13 -2.83 0.00	35.23 -1.60 0.00	27.50 -1.25 -0.26	-5.07 0.37 -2.88	3.97 -0.11 -1.25	-3.62 0.39 -1.51	-1.00 0.25 -1.17
ALLEGHENY___COGEN 23514	27.40 0.66 -1.12	21.03 0.31 -3.50	26.50 0.54 -0.67	28.25 0.63 -0.64	29.59 0.72 0.00	29.59 0.72 0.00	30.31 0.95 0.00	99.44 4.21 0.00	59.22 2.45 0.00	30.51 0.56 -2.08	27.68 0.37 -1.12	27.09 0.20 0.00	25.45 0.38 0.00	28.45 0.26 0.00	32.13 0.29 0.00	43.45 0.38 0.00	36.23 0.59 -0.02	63.83 1.88 0.00	37.90 1.06 0.00	30.78 0.45 -1.84	11.61 -0.13 -20.06	11.56 0.02 -8.70	4.90 -0.09 -10.50	5.94 -0.05 -8.40
ALTAMONT_115KV_TB 2 55880	31.05 0.63 -4.79	32.67 0.42 -15.03	28.78 0.61 -2.87	30.36 0.64 -2.73	29.56 0.69 0.00	29.56 0.69 0.00	30.02 0.66 0.00	97.39 2.15 0.00	57.89 1.12 0.00	28.36 0.49 0.00	26.73 0.54 0.00	27.50 0.61 0.00	25.60 0.53 0.00	28.88 0.69 0.00	32.62 0.78 0.00	44.13 1.05 0.00	36.62 0.94 -0.06	63.57 1.62 0.00	37.79 0.95 0.00	37.16 0.76 -7.90	77.75 -0.21 -86.28	40.34 0.07 -37.43	39.52 -0.13 -45.17	33.67 -0.06 -36.15
ALTONA_WT_PWR 323606	-3.60 -2.89 26.33	16.02 -1.68 -0.48	23.43 -1.95 -0.09	24.95 -2.13 -0.09	26.53 -2.34 0.00	26.53 -2.34 0.00	27.51 -1.85 0.00	91.89 -3.35 0.00	56.19 -0.57 0.00	27.91 0.05 0.00	25.55 -0.64 0.00	25.74 -1.15 0.00	23.94 -1.12 0.00	26.96 -1.23 0.00	30.50 -1.34 0.00	41.96 -1.11 0.00	34.76 -0.86 0.00	60.19 -1.76 0.00	35.79 -1.05 0.00	27.86 -0.88 -0.25	-5.32 0.29 -2.72	3.92 -0.09 -1.18	-3.70 0.40 -1.42	-1.04 0.27 -1.10
AMERICAN_REF_FUEL 24010	25.93 -0.74 -1.04	19.90 -0.59 -3.27	25.10 -0.82 -0.63	26.55 -1.03 -0.59	27.77 -1.10 0.00	27.77 -1.10 0.00	28.15 -1.21 0.00	90.55 -4.69 0.00	54.89 -1.88 0.00	29.10 -0.69 -1.92	26.17 -1.06 -1.04	25.55 -1.34 0.00	24.06 -1.00 0.00	26.65 -1.54 0.00	30.03 -1.81 0.00	40.60 -2.47 0.00	33.15 -2.48 -0.01	57.70 -4.25 0.00	34.30 -2.53 0.00	27.87 -2.35 -1.72	11.10 0.63 -18.79	10.76 -0.23 -8.15	4.58 0.26 -9.84	5.51 0.06 -7.87
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.52 -0.21 -1.11	20.50 -0.19 -3.47	25.94 -0.02 -0.66	27.69 0.08 -0.63	28.92 0.06 0.00	28.92 0.06 0.00	29.43 0.07 0.00	96.10 0.87 0.00	57.88 1.11 0.00	30.39 0.70 -1.83	27.63 0.45 -0.99	27.30 0.40 0.00	25.66 0.60 0.00	28.55 0.36 0.00	32.30 0.46 0.00	43.58 0.51 0.00	35.32 -0.31 -0.02	61.27 -0.68 0.00	36.04 -0.80 0.00	29.06 -1.27 -1.83	11.97 0.35 -19.94	11.33 -0.16 -8.65	5.08 0.16 -10.44	5.98 0.05 -8.36
ARTHUR_KILL_GT_1 23520	31.03 1.45 -3.95	30.57 0.95 -12.40	29.03 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.87 5.63 0.00	59.71 2.94 0.00	29.62 1.76 0.00	28.01 1.81 0.00	28.87 1.98 0.00	26.82 1.75 0.00	30.26 2.07 0.00	34.05 2.21 0.00	45.64 2.57 0.00	37.79 2.12 -0.05	65.64 3.69 0.00	39.09 2.26 0.00	36.86 1.84 -6.52	62.41 -0.50 -71.23	33.92 0.18 -30.90	31.42 -0.36 -37.29	27.27 -0.16 -29.85
ARTHUR_KILL_2 23512	30.95 1.37 -3.95	30.52 0.90 -12.40	28.95 1.29 -2.37	30.64 1.40 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.92 1.56 0.00	100.52 5.28 0.00	59.51 2.75 0.00	29.54 1.67 0.00	27.93 1.73 0.00	28.79 1.90 0.00	26.74 1.68 0.00	30.17 1.99 0.00	33.96 2.12 0.00	45.51 2.43 0.00	37.67 2.01 -0.05	65.40 3.45 0.00	38.96 2.13 0.00	36.77 1.74 -6.52	62.44 -0.47 -71.23	33.91 0.17 -30.90	31.43 -0.34 -37.29	27.27 -0.15 -29.85
ARTHUR_KILL_3 23513	30.88 1.31 -3.95	30.46 0.85 -12.40	28.88 1.22 -2.37	30.55 1.32 -2.25	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.27 5.04 0.00	59.55 2.78 0.00	29.53 1.66 0.00	27.93 1.74 0.00	28.81 1.92 0.00	26.76 1.70 0.00	30.20 2.01 0.00	33.98 2.14 0.00	45.59 2.51 0.00	37.69 2.03 -0.05	65.54 3.59 0.00	39.01 2.18 0.00	36.75 1.73 -6.52	62.43 -0.47 -71.23	33.90 0.17 -30.90	31.44 -0.33 -37.29	27.28 -0.14 -29.84
ARTHUR_KILL_COGEN 323718	31.03 1.45 -3.95	30.57 0.95 -12.40	29.03 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.87 5.63 0.00	59.71 2.94 0.00	29.62 1.76 0.00	28.01 1.81 0.00	28.87 1.98 0.00	26.82 1.75 0.00	30.26 2.07 0.00	34.05 2.21 0.00	45.64 2.57 0.00	37.79 2.12 -0.05	65.64 3.69 0.00	39.09 2.26 0.00	36.86 1.84 -6.52	62.41 -0.50 -71.23	33.92 0.18 -30.90	31.42 -0.36 -37.29	27.27 -0.16 -29.85
ASHOKAN____ 23654	31.48 1.48 -4.39	31.96 0.98 -13.76	29.36 1.45 -2.63	31.01 1.53 -2.50	30.51 1.64 0.00	30.51 1.64 0.00	31.11 1.75 0.00	101.39 6.15 0.00	59.74 2.98 0.00	29.06 1.19 0.00	27.18 0.99 0.00	27.90 1.02 0.00	26.04 0.98 0.00	29.42 1.23 0.00	33.43 1.58 0.00	45.55 2.48 0.00	38.23 2.56 -0.06	66.76 4.81 0.00	39.72 2.89 0.00	37.95 2.23 -7.22	69.91 -0.61 -78.84	37.24 0.21 -34.20	35.40 -0.35 -41.28	30.47 -0.15 -33.03

ASTORIA_EAST_ENERGY_CC1 323581	30.97 1.40 -3.95	30.54 0.92 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	31.01 1.65 0.00	101.11 5.87 0.00	60.06 3.30 0.00	29.70 1.84 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.29 2.10 0.00	34.07 2.23 0.00	45.76 2.68 0.00	37.89 2.22 -0.05	65.82 3.87 0.00	39.18 2.34 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_EAST_ENERGY_CC2 323582	30.97 1.40 -3.95	30.54 0.92 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	31.01 1.65 0.00	101.11 5.87 0.00	60.06 3.30 0.00	29.70 1.84 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.29 2.10 0.00	34.07 2.23 0.00	45.76 2.68 0.00	37.89 2.22 -0.05	65.82 3.87 0.00	39.18 2.34 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT2_1 24094	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT2_2 24095	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT2_3 24096	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT2_4 24097	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT3_1 24098	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT3_2 24099	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT3_3 24100	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT3_4 24101	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT4_1 24102	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT4_2 24103	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT4_3 24104	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT4_4 24105	30.99 1.41 -3.95	30.55 0.93 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.16 5.92 0.00	60.09 3.32 0.00	29.71 1.84 0.00	28.05 1.86 0.00	28.94 2.05 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.10 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.86 3.91 0.00	39.20 2.36 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA_GT_1 23523	31.03 1.46 -3.95	30.58 0.96 -12.40	29.04 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.07 1.71 0.00	101.39 6.15 0.00	60.21 3.44 0.00	29.77 1.90 0.00	28.11 1.91 0.00	28.99 2.10 0.00	26.92 1.86 0.00	30.37 2.18 0.00	34.16 2.32 0.00	45.88 2.81 0.00	37.98 2.31 -0.05	65.99 4.04 0.00	39.28 2.45 0.00	36.97 1.95 -6.52	62.37 -0.54 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.85

ASTORIA_GT_10 24110	30.97 1.40 -3.95	30.52 0.90 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.59 0.00	59.89 3.12 0.00	29.65 1.79 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
ASTORIA_GT_11 24225	30.97 1.40 -3.95	30.52 0.90 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.59 0.00	59.89 3.12 0.00	29.65 1.79 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
ASTORIA_GT_12 24226	30.97 1.40 -3.95	30.52 0.90 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.59 0.00	59.89 3.12 0.00	29.65 1.79 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
ASTORIA_GT_13 24227	30.97 1.40 -3.95	30.52 0.90 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.59 0.00	59.89 3.12 0.00	29.65 1.79 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
ASTORIA_GT_5 24106	31.03 1.46 -3.95	30.58 0.96 -12.40	29.04 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.07 1.71 0.00	101.39 6.15 0.00	60.21 3.44 0.00	29.77 1.90 0.00	28.11 1.91 0.00	28.99 2.10 0.00	26.92 1.86 0.00	30.37 2.18 0.00	34.16 2.32 0.00	45.88 2.81 0.00	37.98 2.31 -0.05	65.99 4.04 0.00	39.28 2.45 0.00	36.97 1.95 -6.52	62.37 -0.54 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.85
ASTORIA_GT_7 24107	31.03 1.46 -3.95	30.58 0.96 -12.40	29.04 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.07 1.71 0.00	101.39 6.15 0.00	60.21 3.44 0.00	29.77 1.90 0.00	28.11 1.91 0.00	28.99 2.10 0.00	26.92 1.86 0.00	30.37 2.18 0.00	34.16 2.32 0.00	45.88 2.81 0.00	37.98 2.31 -0.05	65.99 4.04 0.00	39.28 2.45 0.00	36.97 1.95 -6.52	62.37 -0.54 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.85
ASTORIA_GT_8 24108	31.03 1.46 -3.95	30.58 0.96 -12.40	29.03 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.07 1.71 0.00	101.39 6.16 0.00	60.21 3.45 0.00	29.78 1.91 0.00	28.11 1.91 0.00	29.00 2.11 0.00	26.92 1.86 0.00	30.37 2.18 0.00	34.17 2.32 0.00	45.88 2.81 0.00	37.98 2.31 -0.05	65.99 4.03 0.00	39.28 2.45 0.00	36.97 1.95 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.85
ASTORIA___2 24149	30.99 1.42 -3.95	30.56 0.94 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.17 5.94 0.00	60.08 3.31 0.00	29.71 1.85 0.00	28.05 1.86 0.00	28.94 2.04 0.00	26.87 1.80 0.00	30.31 2.12 0.00	34.09 2.25 0.00	45.79 2.71 0.00	37.91 2.24 -0.05	65.87 3.91 0.00	39.20 2.37 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
ASTORIA___3 23516	30.97 1.40 -3.95	30.53 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.58 0.00	59.89 3.12 0.00	29.65 1.78 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
ASTORIA___4 23517	30.97 1.40 -3.95	30.52 0.90 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.59 0.00	59.89 3.12 0.00	29.65 1.79 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
ASTORIA___5 23518	30.97 1.40 -3.95	30.53 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.58 0.00	59.89 3.12 0.00	29.65 1.78 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
AST_ENERGY_2_CC3 323677	30.91 1.33 -3.95	30.47 0.85 -12.40	28.90 1.24 -2.37	30.61 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.87 1.51 0.00	100.34 5.10 0.00	59.61 2.84 0.00	29.55 1.69 0.00	27.96 1.77 0.00	28.84 1.95 0.00	26.79 1.72 0.00	30.22 2.03 0.00	34.01 2.17 0.00	45.66 2.58 0.00	37.76 2.09 -0.05	65.66 3.70 0.00	39.05 2.22 0.00	36.78 1.76 -6.52	62.42 -0.49 -71.23	33.91 0.17 -30.90	31.44 -0.33 -37.29	27.29 -0.14 -29.84
AST_ENERGY_2_CC4 323678	30.91 1.33 -3.95	30.47 0.85 -12.40	28.90 1.24 -2.37	30.61 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.87 1.51 0.00	100.34 5.10 0.00	59.61 2.84 0.00	29.55 1.69 0.00	27.96 1.77 0.00	28.84 1.95 0.00	26.79 1.72 0.00	30.22 2.03 0.00	34.01 2.17 0.00	45.66 2.58 0.00	37.76 2.09 -0.05	65.66 3.70 0.00	39.05 2.22 0.00	36.78 1.76 -6.52	62.42 -0.49 -71.23	33.91 0.17 -30.90	31.44 -0.33 -37.29	27.29 -0.14 -29.84
ATHENS_STG_1 23668	30.69 0.68 -4.39	31.44 0.46 -13.77	28.58 0.66 -2.63	30.18 0.70 -2.50	29.61 0.75 0.00	29.61 0.75 0.00	30.10 0.74 0.00	97.61 2.38 0.00	58.08 1.31 0.00	28.54 0.67 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.78 0.71 0.00	29.08 0.89 0.00	32.82 0.98 0.00	44.29 1.22 0.00	36.72 1.04 -0.06	63.74 1.79 0.00	37.91 1.08 0.00	36.59 0.85 -7.24	70.45 -0.23 -79.00	37.19 0.08 -34.27	35.68 -0.16 -41.36	30.61 -0.07 -33.10
ATHENS_STG_2 23670	30.69 0.68 -4.39	31.44 0.46 -13.77	28.58 0.66 -2.63	30.18 0.70 -2.50	29.61 0.75 0.00	29.61 0.75 0.00	30.10 0.74 0.00	97.61 2.38 0.00	58.08 1.31 0.00	28.54 0.67 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.78 0.71 0.00	29.08 0.89 0.00	32.82 0.98 0.00	44.29 1.22 0.00	36.72 1.04 -0.06	63.74 1.79 0.00	37.91 1.08 0.00	36.59 0.85 -7.24	70.45 -0.23 -79.00	37.19 0.08 -34.27	35.68 -0.16 -41.36	30.61 -0.07 -33.10

ATHENS_STG_3 23677	30.69 0.68 -4.39	31.44 0.46 -13.77	28.58 0.66 -2.63	30.18 0.70 -2.50	29.61 0.75 0.00	29.61 0.75 0.00	30.10 0.74 0.00	97.61 2.38 0.00	58.08 1.31 0.00	28.54 0.67 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.78 0.71 0.00	29.08 0.89 0.00	32.82 0.98 0.00	44.29 1.22 0.00	36.72 1.04 -0.06	63.74 1.79 0.00	37.91 1.08 0.00	36.59 0.85 -7.24	70.45 -0.23 -79.00	37.19 0.08 -34.27	35.68 -0.16 -41.36	30.61 -0.07 -33.10
AUBURN____LFG 323710	26.95 0.41 -0.92	20.33 0.23 -2.88	26.21 0.37 -0.55	27.81 0.31 -0.52	29.18 0.32 0.00	29.18 0.32 0.00	29.75 0.39 0.00	96.52 1.28 0.00	57.52 0.76 0.00	28.02 0.28 0.13	26.32 0.19 0.07	27.03 0.14 0.00	25.26 0.19 0.00	28.34 0.14 0.00	32.08 0.24 0.00	43.43 0.35 0.00	35.88 0.25 -0.01	62.48 0.53 0.00	37.16 0.33 0.00	30.20 0.19 -1.51	8.14 -0.07 -16.53	10.02 0.02 -7.17	3.09 -0.05 -8.65	4.48 -0.03 -6.92
BABYLON_RES_REC 323704	31.49 1.91 -3.95	30.83 1.22 -12.40	29.42 1.75 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	30.80 2.01 0.57	93.72 6.13 7.64	62.62 3.75 -2.11	30.07 2.21 0.00	28.45 2.26 0.00	34.50 2.41 -5.20	27.18 2.12 0.00	30.66 2.47 0.00	34.62 2.78 0.00	60.67 3.32 -14.27	86.41 2.77 -48.01	74.27 4.88 -7.44	39.79 2.96 0.00	37.30 2.28 -6.52	62.27 -0.62 -71.22	33.96 0.23 -30.90	31.35 -0.42 -37.29	27.24 -0.18 -29.84
BABYLON__69_KV_BK2 356345	31.78 2.20 -3.95	31.02 1.41 -12.40	29.69 2.03 -2.37	31.39 2.17 -2.25	31.17 2.31 0.00	31.17 2.31 0.00	31.13 2.36 0.59	94.10 6.85 7.98	63.12 4.24 -2.11	30.39 2.52 0.00	28.74 2.54 0.00	34.80 2.71 -5.20	27.46 2.39 0.00	30.97 2.78 0.00	35.00 3.16 0.00	61.09 3.75 -14.27	86.78 3.15 -48.01	75.11 5.72 -7.44	40.31 3.47 0.00	37.71 2.68 -6.52	62.16 -0.74 -71.22	34.00 0.27 -30.90	31.28 -0.49 -37.29	27.21 -0.21 -29.84
BALL_HILL_WT_PWR 323825	26.78 0.06 -1.10	20.60 -0.06 -3.44	25.97 0.02 -0.66	27.61 0.00 -0.62	28.84 -0.03 0.00	28.84 -0.03 0.00	29.35 -0.02 0.00	95.33 0.10 0.00	57.61 0.84 0.00	30.18 0.46 -1.86	27.41 0.22 -1.00	26.99 0.10 0.00	25.38 0.32 0.00	28.21 0.02 0.00	31.87 0.03 0.00	42.91 -0.16 0.00	34.88 -0.75 -0.01	60.83 -1.13 0.00	36.06 -0.78 0.00	29.28 -1.02 -1.81	11.68 0.27 -19.73	11.28 -0.11 -8.56	4.88 0.06 -10.33	5.85 -0.01 -8.27
BARON_WINDS____WT_PWR 323822	26.59 -0.34 -1.31	20.97 -0.36 -4.12	25.67 -0.41 -0.79	27.47 -0.26 -0.75	28.63 -0.23 0.00	28.63 -0.23 0.00	29.32 -0.04 0.00	95.68 0.45 0.00	57.57 0.80 0.00	29.42 0.37 -1.19	27.15 0.31 -0.64	27.10 0.21 0.00	25.37 0.30 0.00	28.39 0.20 0.00	32.22 0.38 0.00	43.37 0.30 0.00	35.49 -0.14 -0.02	61.79 -0.16 0.00	36.54 -0.30 0.00	29.98 -0.69 -2.17	15.58 0.25 -23.66	12.99 -0.11 -10.26	7.03 0.17 -12.38	7.55 0.05 -9.91
BARRETT_IC_1 23704	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_10 23701	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_11 23702	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_12 23703	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_2 23705	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_3 23706	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_4 23707	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_5 23708	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_6 23709	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84

BARRETT_IC_7 23710	31.37 1.80 -3.95	30.76 1.15 -12.40	29.30 1.64 -2.37	31.00 1.77 -2.25	30.77 1.91 0.00	30.77 1.91 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.83 1.96 0.00	28.30 2.11 0.00	34.41 2.31 -5.20	27.00 1.94 0.00	30.42 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_8 23711	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT_IC_9 23700	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT___1 23545	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BARRETT___2 23546	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	31.16 1.84 0.04	105.06 5.30 -4.52	62.14 3.27 -2.11	29.82 1.96 0.00	28.30 2.11 0.00	34.39 2.30 -5.20	27.00 1.94 0.00	30.41 2.23 0.00	34.32 2.48 0.00	60.15 2.80 -14.27	85.83 2.20 -48.01	73.22 3.83 -7.44	39.20 2.36 0.00	36.89 1.87 -6.52	62.40 -0.50 -71.22	33.92 0.19 -30.90	31.38 -0.38 -37.29	27.26 -0.17 -29.84
BATAVIA___115KV_TB1 55881	27.13 0.50 -1.01	20.62 0.25 -3.16	26.29 0.39 -0.60	27.86 0.30 -0.57	29.18 0.32 0.00	29.18 0.32 0.00	29.74 0.38 0.00	96.71 1.48 0.00	58.32 1.55 0.00	29.87 0.70 -1.29	27.09 0.20 -0.70	26.83 -0.06 0.00	25.25 0.19 0.00	28.06 -0.13 0.00	31.70 -0.14 0.00	42.99 -0.09 0.00	35.34 -0.29 -0.01	61.78 -0.18 0.00	36.74 -0.10 0.00	29.68 -0.48 -1.66	9.90 0.10 -18.13	10.64 -0.05 -7.86	3.94 -0.04 -9.49	5.12 -0.06 -7.60
BAYONEEC___CTG1 323682	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG10 323750	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG2 323683	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG3 323684	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG4 323685	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG5 323686	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG6 323687	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG7 323688	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BAYONEEC___CTG8 323689	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84

BAYONEEC___CTG9 323749	30.98 1.40 -3.95	30.52 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.94 1.58 0.00	100.65 5.42 0.00	59.77 3.00 0.00	29.64 1.77 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.11 2.27 0.00	45.80 2.73 0.00	37.87 2.20 -0.05	65.85 3.89 0.00	39.17 2.34 0.00	36.88 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
BEACON___LESR 323632	31.23 0.83 -4.79	32.76 0.53 -15.01	28.91 0.75 -2.87	30.48 0.78 -2.72	29.70 0.84 0.00	29.70 0.84 0.00	30.16 0.80 0.00	98.26 3.03 0.00	58.09 1.32 0.00	28.45 0.59 0.00	26.81 0.62 0.00	27.60 0.71 0.00	25.64 0.57 0.00	28.99 0.80 0.00	32.80 0.96 0.00	44.41 1.33 0.00	36.88 1.20 -0.06	64.10 2.15 0.00	38.00 1.17 0.00	37.44 1.04 -7.89	77.55 -0.30 -86.17	40.32 0.10 -37.38	39.42 -0.18 -45.11	33.62 -0.07 -36.10
BEAVER RIVER___HYD 24048	19.90 -1.63 4.09	17.31 -0.96 -1.06	24.29 -1.21 -0.20	25.92 -1.25 -0.19	27.54 -1.33 0.00	27.54 -1.33 0.00	28.55 -0.81 0.00	94.95 -0.29 0.00	56.73 -0.04 0.00	27.78 -0.09 0.00	25.80 -0.39 0.00	26.28 -0.61 0.00	24.51 -0.56 0.00	27.46 -0.73 0.00	31.17 -0.67 0.00	42.82 -0.26 0.00	35.69 0.06 0.00	62.03 0.07 0.00	36.79 -0.05 0.00	28.67 -0.38 -0.55	-2.05 0.23 -6.05	5.38 -0.08 -2.62	-2.08 0.27 -3.17	0.26 0.16 -2.52
BEEBEE_GT_13 23619	26.55 0.01 -0.91	20.03 -0.05 -2.87	25.76 -0.08 -0.55	27.35 -0.15 -0.52	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.56 -0.68 0.00	56.84 0.07 0.00	31.31 0.06 -3.38	27.88 -0.14 -1.83	26.61 -0.28 0.00	24.97 -0.10 0.00	27.84 -0.34 0.00	31.41 -0.43 0.00	42.48 -0.59 0.00	34.90 -0.72 -0.01	60.79 -1.17 0.00	36.09 -0.75 0.00	29.17 -0.83 -1.50	8.29 0.20 -16.41	9.87 -0.08 -7.12	3.13 0.06 -8.59	4.46 0.00 -6.88
BENSHRST_27_KV_BENSHRST_1 355998	31.20 1.62 -3.95	30.67 1.05 -12.40	29.16 1.50 -2.37	30.86 1.63 -2.25	30.60 1.73 0.00	30.60 1.73 0.00	31.19 1.83 0.00	101.65 6.41 0.00	60.31 3.54 0.00	29.91 2.04 0.00	28.29 2.09 0.00	29.17 2.28 0.00	27.09 2.03 0.00	30.57 2.38 0.00	34.41 2.57 0.00	46.18 3.11 0.00	38.21 2.54 -0.05	66.38 4.43 0.00	39.51 2.68 0.00	37.16 2.14 -6.52	62.32 -0.59 -71.23	33.95 0.21 -30.90	31.37 -0.40 -37.29	27.25 -0.18 -29.85
BETHLEHEM___GRP 23843	30.68 0.27 -4.79	32.42 0.17 -15.03	28.42 0.26 -2.87	29.97 0.26 -2.73	29.15 0.29 0.00	29.15 0.29 0.00	29.57 0.22 0.00	95.92 0.69 0.00	56.95 0.18 0.00	27.91 0.04 0.00	26.32 0.13 0.00	27.10 0.21 0.00	25.23 0.17 0.00	28.49 0.30 0.00	32.17 0.33 0.00	43.54 0.46 0.00	36.16 0.48 -0.06	62.72 0.76 0.00	37.27 0.43 0.00	36.78 0.38 -7.90	77.84 -0.09 -86.26	40.29 0.03 -37.42	39.59 -0.05 -45.16	33.70 -0.02 -36.14
BETHLEHEM___GS1 323560	30.68 0.27 -4.79	32.42 0.17 -15.03	28.42 0.26 -2.87	29.97 0.26 -2.73	29.15 0.29 0.00	29.15 0.29 0.00	29.57 0.22 0.00	95.93 0.69 0.00	56.95 0.18 0.00	27.91 0.04 0.00	26.32 0.13 0.00	27.10 0.21 0.00	25.23 0.17 0.00	28.49 0.30 0.00	32.17 0.33 0.00	43.53 0.46 0.00	36.16 0.48 -0.06	62.72 0.76 0.00	37.27 0.43 0.00	36.78 0.38 -7.90	77.84 -0.09 -86.26	40.29 0.03 -37.42	39.59 -0.05 -45.16	33.70 -0.02 -36.14
BETHLEHEM___GS2 323561	30.68 0.27 -4.79	32.42 0.17 -15.03	28.42 0.26 -2.87	29.97 0.26 -2.73	29.15 0.29 0.00	29.15 0.29 0.00	29.57 0.22 0.00	95.93 0.69 0.00	56.95 0.18 0.00	27.91 0.04 0.00	26.32 0.13 0.00	27.10 0.21 0.00	25.23 0.17 0.00	28.49 0.30 0.00	32.17 0.33 0.00	43.53 0.46 0.00	36.16 0.48 -0.06	62.72 0.76 0.00	37.27 0.43 0.00	36.78 0.38 -7.90	77.84 -0.09 -86.26	40.29 0.03 -37.42	39.59 -0.05 -45.16	33.70 -0.02 -36.14
BETHLEHEM___GS3 323562	30.68 0.27 -4.79	32.42 0.17 -15.03	28.42 0.26 -2.87	29.97 0.26 -2.73	29.15 0.29 0.00	29.15 0.29 0.00	29.57 0.22 0.00	95.93 0.69 0.00	56.95 0.18 0.00	27.91 0.04 0.00	26.32 0.13 0.00	27.10 0.21 0.00	25.23 0.17 0.00	28.49 0.30 0.00	32.17 0.33 0.00	43.53 0.46 0.00	36.16 0.48 -0.06	62.72 0.76 0.00	37.27 0.43 0.00	36.78 0.38 -7.90	77.84 -0.09 -86.26	40.29 0.03 -37.42	39.59 -0.05 -45.16	33.70 -0.02 -36.14
BETHLEHEM___STEEL 23779	26.72 0.02 -1.08	20.52 -0.08 -3.39	25.88 -0.06 -0.65	27.46 -0.14 -0.61	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.53 -0.71 0.00	57.18 0.42 0.00	30.06 0.31 -1.88	27.22 0.01 -1.02	26.70 -0.19 0.00	25.12 0.05 0.00	27.90 -0.29 0.00	31.49 -0.36 0.00	42.46 -0.61 0.00	34.63 -1.00 -0.01	60.34 -1.61 0.00	35.83 -1.01 0.00	29.07 -1.20 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.73 0.00 -8.14
BETHLHEM_115KV_TB1 79974	30.75 0.34 -4.79	32.46 0.22 -15.02	28.49 0.33 -2.87	30.05 0.34 -2.73	29.24 0.38 0.00	29.24 0.38 0.00	29.67 0.31 0.00	96.20 0.96 0.00	57.13 0.37 0.00	28.00 0.13 0.00	26.41 0.22 0.00	27.19 0.30 0.00	25.31 0.24 0.00	28.58 0.39 0.00	32.28 0.44 0.00	43.66 0.58 0.00	36.26 0.58 -0.06	62.90 0.94 0.00	37.38 0.54 0.00	36.85 0.46 -7.90	77.77 -0.12 -86.21	40.28 0.04 -37.40	39.55 -0.07 -45.13	33.68 -0.03 -36.12
BETHPAGE_CC_5 323564	31.44 1.86 -3.95	30.80 1.19 -12.40	29.36 1.70 -2.37	31.05 1.82 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.75 1.90 0.52	94.57 5.85 6.51	62.47 3.60 -2.11	30.00 2.13 0.00	28.44 2.24 0.00	34.49 2.40 -5.20	27.16 2.09 0.00	30.63 2.44 0.00	34.57 2.73 0.00	60.58 3.24 -14.27	86.25 2.62 -48.01	73.94 4.55 -7.44	39.58 2.74 0.00	37.14 2.12 -6.52	62.31 -0.58 -71.22	33.94 0.21 -30.90	31.37 -0.40 -37.29	27.25 -0.18 -29.84
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.83 0.12 -1.09	20.60 -0.02 -3.41	25.98 0.03 -0.65	27.57 -0.04 -0.62	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.01 -0.22 0.00	57.48 0.71 0.00	30.18 0.45 -1.87	27.34 0.14 -1.01	26.83 -0.06 0.00	25.24 0.18 0.00	28.04 -0.15 0.00	31.65 -0.20 0.00	42.68 -0.40 0.00	34.80 -0.83 -0.01	60.67 -1.29 0.00	36.02 -0.82 0.00	29.22 -1.06 -1.79	11.51 0.29 -19.54	11.19 -0.12 -8.48	4.79 0.07 -10.23	5.76 -0.01 -8.19
BINGHAMTON___COGEN 23790	27.84 0.49 -1.73	22.90 0.27 -5.42	26.71 0.38 -1.04	28.41 0.44 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.92 0.55 0.00	97.14 1.91 0.00	58.01 1.25 0.00	28.78 0.54 -0.37	26.89 0.50 -0.20	27.41 0.52 0.00	25.59 0.52 0.00	28.72 0.53 0.00	32.51 0.66 0.00	43.82 0.75 0.00	36.07 0.43 -0.02	62.90 0.94 0.00	37.38 0.54 0.00	31.68 0.33 -2.85	22.71 -0.09 -31.12	16.36 0.03 -13.50	10.69 -0.08 -16.29	10.58 -0.04 -13.04
BIXINCNT_115KV_LOAD 355685	27.04 0.31 -1.11	20.77 0.06 -3.49	26.22 0.26 -0.67	28.02 0.40 -0.63	29.33 0.46 0.00	29.33 0.46 0.00	29.84 0.48 0.00	97.11 1.87 0.00	58.78 2.02 0.00	30.75 1.07 -1.80	28.00 0.83 -0.97	27.45 0.56 0.00	25.82 0.75 0.00	28.76 0.58 0.00	32.53 0.69 0.00	43.84 0.76 0.00	35.67 0.04 -0.02	61.85 -0.10 0.00	36.67 -0.17 0.00	29.67 -0.66 -1.84	11.94 0.24 -20.03	11.45 -0.07 -8.69	5.09 0.12 -10.49	5.98 0.00 -8.39

BLACK RIVER___HYD 24047	22.45 -1.31 1.86	18.08 -0.79 -1.66	24.68 -0.93 -0.32	26.35 -0.94 -0.30	27.88 -0.98 0.00	27.88 -0.98 0.00	28.89 -0.47 0.00	96.21 0.98 0.00	57.11 0.34 0.00	27.77 -0.09 0.00	25.82 -0.37 0.00	26.32 -0.57 0.00	24.57 -0.49 0.00	27.52 -0.67 0.00	31.35 -0.49 0.00	43.09 0.02 0.00	36.13 0.50 -0.01	63.03 1.08 0.00	37.33 0.49 0.00	29.26 -0.10 -0.87	1.32 0.13 -9.51	6.90 -0.05 -4.13	-0.34 0.20 -4.98	1.68 0.12 -3.98
BLACKRVR_115KV_TB2 79977	22.46 -1.31 1.86	18.08 -0.79 -1.66	24.68 -0.93 -0.32	26.35 -0.94 -0.30	27.88 -0.98 0.00	27.88 -0.98 0.00	28.89 -0.47 0.00	96.21 0.97 0.00	57.10 0.33 0.00	27.78 -0.09 0.00	25.82 -0.37 0.00	26.32 -0.57 0.00	24.57 -0.49 0.00	27.52 -0.67 0.00	31.35 -0.49 0.00	43.09 0.02 0.00	36.13 0.51 -0.01	63.04 1.08 0.00	37.33 0.49 0.00	29.27 -0.10 -0.87	1.32 0.13 -9.51	6.90 -0.05 -4.13	-0.34 0.20 -4.98	1.68 0.12 -3.98
BLISS_WT_PWR 323608	26.94 0.21 -1.11	20.68 -0.02 -3.49	26.12 0.16 -0.67	27.97 0.35 -0.63	29.30 0.43 0.00	29.30 0.43 0.00	29.81 0.45 0.00	97.03 1.79 0.00	58.79 2.02 0.00	30.75 1.08 -1.80	28.02 0.85 -0.97	27.44 0.55 0.00	25.81 0.74 0.00	28.77 0.58 0.00	32.55 0.71 0.00	43.90 0.83 0.00	35.70 0.07 -0.02	61.82 -0.13 0.00	36.61 -0.22 0.00	29.59 -0.74 -1.84	11.98 0.28 -20.03	11.44 -0.08 -8.69	5.14 0.17 -10.49	6.00 0.02 -8.39
BLUESTONE___WT_PWR 323821	29.06 1.65 -1.79	23.90 1.07 -5.62	27.90 1.53 -1.07	29.68 1.68 -1.02	30.68 1.82 0.00	30.68 1.82 0.00	31.48 2.12 0.00	103.01 7.77 0.00	61.45 4.69 0.00	30.21 2.07 -0.27	28.11 1.77 -0.15	28.63 1.74 0.00	26.61 1.55 0.00	29.86 1.67 0.00	33.87 2.03 0.00	45.98 2.91 0.00	38.03 2.39 -0.02	66.45 4.49 0.00	39.30 2.47 0.00	33.14 1.69 -2.95	23.47 -0.46 -32.25	16.98 0.15 -13.99	11.10 -0.26 -16.88	10.98 -0.11 -13.51
BLUE_CIRC_CHEM_DRP 24182	30.96 0.56 -4.77	32.56 0.37 -14.97	28.69 0.53 -2.86	30.27 0.58 -2.72	29.47 0.61 0.00	29.47 0.61 0.00	29.92 0.57 0.00	97.00 1.77 0.00	57.66 2.02 0.00	28.27 0.40 0.00	26.67 0.47 0.00	27.45 0.55 0.00	25.55 0.48 0.00	28.82 0.63 0.00	32.55 0.71 0.00	44.01 0.94 0.00	36.52 0.84 -0.06	63.37 1.42 0.00	37.66 0.83 0.00	37.05 0.68 -7.87	77.43 -0.18 -85.94	40.18 0.07 -37.28	39.35 -0.12 -44.99	33.54 -0.05 -36.01
BOC_GAS_DRP 24189	30.92 0.53 -4.78	32.55 0.35 -14.98	28.66 0.51 -2.86	30.24 0.54 -2.72	29.44 0.58 0.00	29.44 0.58 0.00	29.89 0.53 0.00	96.89 1.65 0.00	57.60 0.84 0.00	28.26 0.39 0.00	26.65 0.45 0.00	27.43 0.54 0.00	25.53 0.46 0.00	28.80 0.61 0.00	32.53 0.68 0.00	43.95 0.88 0.00	36.47 0.79 -0.06	63.27 1.31 0.00	37.61 0.78 0.00	37.01 0.71 -7.87	77.47 -0.17 -85.96	40.19 0.06 -37.29	39.37 -0.11 -45.00	33.55 -0.05 -36.02
BOONVILLE_115KV_TB1 79983	23.87 -0.31 1.44	17.97 -0.15 -0.91	25.33 -0.13 -0.17	27.05 -0.10 -0.16	28.78 -0.09 0.00	28.78 -0.09 0.00	29.59 0.22 0.00	97.18 1.94 0.00	57.94 1.17 0.00	28.33 0.47 0.00	26.48 0.29 0.00	27.08 0.19 0.00	25.24 0.17 0.00	28.33 0.14 0.00	32.10 0.26 0.00	43.78 0.71 0.00	36.37 0.75 0.00	63.29 1.33 0.00	37.57 0.73 0.00	29.34 0.37 -0.48	-3.15 -0.05 -5.22	5.11 0.01 -2.27	-2.75 0.03 -2.73	-0.20 0.03 -2.18
BORALEX_4TH_BRANCH 23824	31.74 1.34 -4.77	33.02 0.84 -14.97	29.44 1.29 -2.86	30.99 1.29 -2.72	30.25 1.39 0.00	30.25 1.39 0.00	30.57 1.22 0.00	99.11 3.87 0.00	58.77 2.00 0.00	28.53 0.66 0.00	26.90 0.71 0.00	27.83 0.94 0.00	25.97 0.91 0.00	29.40 1.22 0.00	33.28 1.44 0.00	44.99 1.91 0.00	37.39 1.71 -0.06	64.72 2.77 0.00	38.45 1.61 0.00	37.73 1.36 -7.87	77.21 -0.39 -85.92	40.24 0.13 -37.28	39.22 -0.25 -44.98	33.48 -0.11 -36.00
BOWLINE___1 23526	30.74 1.26 -3.86	30.13 0.82 -12.09	28.79 1.19 -2.31	30.46 1.29 -2.19	30.25 1.39 0.00	30.25 1.39 0.00	30.79 1.43 0.00	100.06 4.82 0.00	59.50 2.73 0.00	29.37 1.51 0.00	27.77 1.58 0.00	28.60 1.71 0.00	26.57 1.51 0.00	29.98 1.79 0.00	33.80 1.96 0.00	45.43 2.35 0.00	37.56 1.89 -0.05	65.30 3.35 0.00	38.84 2.00 0.00	36.46 1.60 -6.36	60.67 -0.45 -69.44	33.12 0.16 -30.13	30.53 -0.30 -36.36	26.55 -0.14 -29.10
BOWLINE___2 23595	30.72 1.25 -3.86	30.13 0.82 -12.10	28.78 1.17 -2.31	30.44 1.27 -2.20	30.22 1.36 0.00	30.22 1.36 0.00	30.77 1.41 0.00	99.99 4.76 0.00	59.49 2.73 0.00	29.35 1.49 0.00	27.76 1.57 0.00	28.59 1.70 0.00	26.56 1.49 0.00	29.97 1.78 0.00	33.79 1.95 0.00	45.40 2.32 0.00	37.55 1.88 -0.05	65.25 3.30 0.00	38.82 1.99 0.00	36.45 1.59 -6.36	60.70 -0.45 -69.47	33.13 0.16 -30.14	30.55 -0.30 -36.37	26.56 -0.14 -29.11
BRADY___115KV_TB2 356060	10.12 -2.02 13.49	16.65 -1.12 -0.56	23.97 -1.43 -0.11	25.27 -1.82 -0.10	26.90 -1.96 0.00	26.90 -1.96 0.00	27.80 -1.55 0.00	92.45 -2.79 0.00	55.99 -0.78 0.00	27.73 -0.13 0.00	25.34 -0.85 0.00	25.66 -1.23 0.00	23.95 -1.11 0.00	26.70 -1.48 0.00	30.08 -1.76 0.00	41.58 -1.50 0.00	34.61 -1.01 0.00	59.95 -2.01 0.00	35.70 -1.14 0.00	27.88 -0.90 -0.29	-4.90 0.28 -3.14	4.11 -0.08 -1.36	-3.54 0.33 -1.64	-0.91 0.23 -1.28
BRANSCOMB___SOLAR 323811	31.90 1.37 -4.90	33.51 0.91 -15.38	29.60 1.37 -2.94	31.18 1.41 -2.79	30.37 1.50 0.00	30.37 1.50 0.00	30.87 1.50 0.00	100.60 5.36 0.00	59.69 2.93 0.00	29.00 1.13 0.00	27.29 1.09 0.00	28.02 1.12 0.00	26.07 1.00 0.00	29.45 1.26 0.00	33.38 1.54 0.00	45.24 2.16 0.00	37.60 1.92 -0.06	65.11 3.15 0.00	38.68 1.85 0.00	38.03 1.45 -8.09	79.55 -0.42 -88.29	41.27 0.14 -38.30	40.43 -0.27 -46.22	34.45 -0.12 -36.99
BRENTWOD_69_KV_W. BRTWOOD 56703	31.69 2.11 -3.95	30.97 1.35 -12.40	29.60 1.94 -2.37	31.31 2.07 -2.25	31.09 2.22 0.00	31.09 2.22 0.00	30.99 2.27 0.63	92.27 6.09 9.05	62.71 3.84 -2.11	30.30 2.43 0.00	28.64 2.45 0.00	34.71 2.62 -5.20	27.36 2.30 0.00	30.88 2.69 0.00	34.87 3.03 0.00	60.77 3.42 -14.27	86.45 2.81 -48.01	74.83 5.44 -7.44	40.15 3.31 0.00	37.56 2.54 -6.52	62.20 -0.70 -71.22	33.99 0.25 -30.90	31.30 -0.47 -37.29	27.22 -0.21 -29.84
BRISTLHL_115KV_TB1 79998	25.74 -0.23 -0.35	19.28 -0.18 -2.24	25.44 -0.28 -0.43	27.10 -0.29 -0.41	28.55 -0.32 0.00	28.55 -0.32 0.00	29.04 -0.32 0.00	94.02 -1.21 0.00	56.09 -0.68 0.00	27.51 -0.35 0.00	25.84 -0.35 0.00	26.50 -0.40 0.00	24.74 -0.32 0.00	27.76 -0.43 0.00	31.39 -0.45 0.00	42.47 -0.61 0.00	35.11 -0.52 -0.01	61.12 -0.83 0.00	36.34 -0.49 0.00	29.29 -0.39 -1.18	4.65 0.09 -12.88	8.39 -0.03 -5.59	1.28 0.06 -6.74	3.00 0.02 -5.40
BROOKHAVEN___DRP 24191	31.47 1.90 -3.95	30.81 1.20 -12.40	29.38 1.72 -2.37	31.07 1.84 -2.25	30.83 1.96 0.00	30.83 1.96 0.00	30.73 2.01 0.65	90.62 4.86 9.47	62.13 3.25 -2.11	29.98 2.12 0.00	28.41 2.22 0.00	34.44 2.35 -5.20	27.13 2.06 0.00	30.63 2.44 0.00	34.62 2.78 0.00	60.65 3.30 -14.27	86.41 2.78 -48.01	74.28 4.89 -7.44	39.83 2.99 0.00	37.32 2.30 -6.52	62.27 -0.63 -71.22	33.96 0.23 -30.90	31.34 -0.43 -37.29	27.23 -0.19 -29.84

BROOKLYN_NAVY_YARD 23515	30.93 1.35 -3.95	30.49 0.87 -12.40	28.92 1.26 -2.37	30.61 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.90 1.53 0.00	100.61 5.37 0.00	59.77 3.00 0.00	29.62 1.76 0.00	28.02 1.82 0.00	28.89 2.00 0.00	26.83 1.76 0.00	30.27 2.09 0.00	34.08 2.24 0.00	45.75 2.68 0.00	37.86 2.19 -0.05	65.82 3.86 0.00	39.17 2.33 0.00	36.87 1.85 -6.52	62.40 -0.51 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.84
BROOKLYN___ARMY_DRP 323595	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
BROOKVLE_69_KV_TB1 55790	31.54 1.96 -3.95	30.88 1.26 -12.40	29.46 1.80 -2.37	31.17 1.94 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	31.16 2.06 0.27	101.17 6.60 0.67	62.91 4.03 -2.11	30.16 2.29 0.00	28.57 2.38 0.00	34.64 2.55 -5.20	27.29 2.23 0.00	30.77 2.58 0.00	34.72 2.88 0.00	60.83 3.48 -14.27	86.46 2.83 -48.01	74.25 4.86 -7.44	39.76 2.93 0.00	37.30 2.28 -6.52	62.27 -0.63 -71.22	33.96 0.23 -30.90	31.34 -0.42 -37.29	27.24 -0.18 -29.84
BROOME_2_LFGE 323671	27.84 0.49 -1.73	22.90 0.26 -5.42	26.71 0.38 -1.04	28.41 0.44 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.92 0.55 0.00	97.16 1.92 0.00	58.01 1.25 0.00	28.78 0.54 -0.37	26.89 0.50 -0.20	27.41 0.52 0.00	25.59 0.52 0.00	28.73 0.54 0.00	32.51 0.66 0.00	43.83 0.76 0.00	36.07 0.43 -0.02	62.90 0.94 0.00	37.38 0.54 0.00	31.67 0.33 -2.85	22.71 -0.09 -31.12	16.36 0.03 -13.50	10.69 -0.08 -16.29	10.58 -0.04 -13.04
BROOME___LFGE 323600	27.84 0.49 -1.73	22.90 0.26 -5.42	26.71 0.38 -1.04	28.41 0.44 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.92 0.55 0.00	97.16 1.92 0.00	58.01 1.25 0.00	28.78 0.54 -0.37	26.89 0.50 -0.20	27.41 0.52 0.00	25.59 0.52 0.00	28.73 0.54 0.00	32.51 0.66 0.00	43.83 0.76 0.00	36.07 0.43 -0.02	62.90 0.94 0.00	37.38 0.54 0.00	31.67 0.33 -2.85	22.71 -0.09 -31.12	16.36 0.03 -13.50	10.69 -0.08 -16.29	10.58 -0.04 -13.04
BROWNFLS_115KV_TB_3_5 80003	16.18 -1.99 7.45	16.91 -1.17 -0.86	23.97 -1.49 -0.16	25.46 -1.68 -0.16	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.33 0.00	93.25 -1.98 0.00	56.07 -0.70 0.00	27.60 -0.26 0.00	25.47 -0.73 0.00	25.87 -1.02 0.00	24.12 -0.94 0.00	26.99 -1.20 0.00	30.55 -1.30 0.00	42.04 -1.03 0.00	35.01 -0.61 0.00	60.74 -1.22 0.00	36.09 -0.75 0.00	28.15 -0.80 -0.45	-3.12 0.31 -4.89	4.86 -0.10 -2.12	-2.62 0.34 -2.56	-0.18 0.20 -2.03
BROWNSV1_27_KV_LOAD 356125	31.24 1.66 -3.95	30.68 1.06 -12.40	29.20 1.54 -2.37	30.90 1.67 -2.25	30.65 1.79 0.00	30.65 1.79 0.00	31.23 1.87 0.00	101.73 6.49 0.00	60.47 3.70 0.00	29.96 2.09 0.00	28.33 2.14 0.00	29.21 2.32 0.00	27.15 2.08 0.00	30.62 2.43 0.00	34.47 2.62 0.00	46.28 3.20 0.00	38.28 2.61 -0.05	66.59 4.64 0.00	39.59 2.76 0.00	37.20 2.18 -6.52	62.30 -0.61 -71.23	33.95 0.21 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
BURROWS___LYONSDAL 23803	23.12 -0.67 1.82	17.78 -0.37 -0.94	25.04 -0.44 -0.18	26.75 -0.40 -0.17	28.46 -0.40 0.00	28.46 -0.40 0.00	29.33 -0.03 0.00	96.63 1.39 0.00	57.62 0.86 0.00	28.19 0.33 0.00	26.33 0.14 0.00	26.90 0.01 0.00	25.07 0.00 0.00	28.13 -0.06 0.00	31.90 0.06 0.00	43.57 0.49 0.00	36.22 0.60 0.00	63.00 1.04 0.00	37.38 0.55 0.00	29.16 0.17 -0.49	-2.91 0.03 -5.38	5.15 -0.01 -2.34	-2.60 0.10 -2.82	-0.11 0.06 -2.25
CAITHNESS_CC_1 323624	31.41 1.83 -3.95	30.78 1.16 -12.40	29.31 1.65 -2.37	31.00 1.77 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	30.66 1.94 0.65	90.53 4.77 9.48	62.01 3.13 -2.11	29.92 2.05 0.00	28.36 2.17 0.00	34.37 2.28 -5.20	27.08 2.02 0.00	30.57 2.38 0.00	34.54 2.70 0.00	60.52 3.18 -14.27	86.29 2.66 -48.01	74.05 4.65 -7.44	39.71 2.88 0.00	37.23 2.21 -6.52	62.29 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
CALPINE BETH_PAGE_GT4 24209	31.37 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	30.98 1.75 -2.25	30.71 1.85 0.00	30.71 1.85 0.00	30.70 1.81 0.46	95.46 5.44 5.21	62.25 3.37 -2.11	29.89 2.02 0.00	28.38 2.19 0.00	34.45 2.36 -5.20	27.11 2.04 0.00	30.57 2.38 0.00	34.50 2.66 0.00	60.49 3.14 -14.27	86.11 2.48 -48.01	73.69 4.30 -7.44	39.42 2.59 0.00	37.03 2.01 -6.52	62.35 -0.55 -71.22	33.93 0.20 -30.90	31.38 -0.39 -37.29	27.25 -0.17 -29.84
CALPINE_BETH_PAGE_GT_4 323586	31.38 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	30.98 1.75 -2.25	30.71 1.85 0.00	30.71 1.85 0.00	30.70 1.81 0.46	95.48 5.45 5.21	62.25 3.37 -2.11	29.88 2.01 0.00	28.38 2.19 0.00	34.43 2.34 -5.20	27.11 2.04 0.00	30.57 2.38 0.00	34.50 2.66 0.00	60.49 3.14 -14.27	86.11 2.48 -48.01	73.69 4.30 -7.44	39.43 2.59 0.00	37.03 2.01 -6.52	62.35 -0.55 -71.22	33.93 0.20 -30.90	31.38 -0.39 -37.29	27.25 -0.17 -29.84
CALPINE_BP_GT1 23823	31.38 1.80 -3.95	30.77 1.15 -12.40	29.31 1.64 -2.37	30.98 1.75 -2.25	30.71 1.85 0.00	30.71 1.85 0.00	30.70 1.81 0.46	95.48 5.45 5.21	62.25 3.37 -2.11	29.88 2.01 0.00	28.38 2.19 0.00	34.43 2.34 -5.20	27.11 2.04 0.00	30.57 2.38 0.00	34.50 2.66 0.00	60.49 3.14 -14.27	86.11 2.48 -48.01	73.69 4.30 -7.44	39.43 2.59 0.00	37.03 2.01 -6.52	62.35 -0.55 -71.22	33.93 0.20 -30.90	31.38 -0.39 -37.29	27.25 -0.17 -29.84
CALSPAN___DRP 24200	26.72 0.02 -1.08	20.52 -0.08 -3.39	25.88 -0.06 -0.65	27.46 -0.14 -0.61	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.53 -0.71 0.00	57.18 0.42 0.00	30.06 0.31 -1.88	27.22 0.01 -1.02	26.70 -0.19 0.00	25.12 0.05 0.00	27.90 -0.29 0.00	31.49 -0.36 0.00	42.46 -0.61 0.00	34.63 -1.00 -0.01	60.34 -1.61 0.00	35.83 -1.01 0.00	29.07 -1.20 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.73 0.00 -8.14
CALVERTON___SOLAR 323806	31.56 1.98 -3.95	30.87 1.25 -12.40	29.46 1.80 -2.37	31.15 1.92 -2.25	30.91 2.05 0.00	30.91 2.05 0.00	30.82 2.11 0.65	90.82 5.05 9.46	62.29 3.42 -2.11	30.06 2.19 0.00	28.48 2.28 0.00	34.48 2.39 -5.20	27.18 2.11 0.00	30.69 2.51 0.00	34.71 2.87 0.00	60.80 3.45 -14.27	86.55 2.92 -48.01	74.54 5.15 -7.44	39.99 3.15 0.00	37.44 2.42 -6.52	62.23 -0.66 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
CANDIGU_WT_PWR 323617	26.59 -0.34 -1.31	20.97 -0.36 -4.12	25.67 -0.41 -0.79	27.47 -0.26 -0.75	28.63 -0.23 0.00	28.63 -0.23 0.00	29.32 -0.04 0.00	95.68 0.45 0.00	57.57 0.80 0.00	29.42 0.37 -1.19	27.15 0.31 -0.64	27.10 0.21 0.00	25.37 0.30 0.00	28.39 0.20 0.00	32.22 0.38 0.00	43.37 0.30 0.00	35.49 -0.14 -0.02	61.79 -0.16 0.00	36.54 -0.30 0.00	29.98 -0.69 -2.17	15.58 0.25 -23.66	12.99 -0.11 -10.26	7.03 0.17 -12.38	7.55 0.05 -9.91

CARR STREET_E_SYR 24060	26.05 -0.04 -0.46	19.56 -0.06 -2.41	25.65 -0.10 -0.46	27.32 -0.10 -0.44	28.75 -0.12 0.00	28.75 -0.12 0.00	29.26 -0.11 0.00	94.84 -0.40 0.00	56.59 -0.18 0.00	27.75 -0.11 0.00	26.05 -0.14 0.00	26.71 -0.19 0.00	24.94 -0.12 0.00	27.99 -0.20 0.00	31.65 -0.19 0.00	42.80 -0.28 0.00	35.34 -0.29 -0.01	61.56 -0.40 0.00	36.59 -0.25 0.00	29.55 -0.21 -1.27	5.55 0.05 -13.83	8.81 -0.02 -6.00	1.74 0.02 -7.24	3.38 0.00 -5.79
CARTHAGE___PAPER 23857	21.54 -1.36 2.72	17.84 -0.80 -1.43	24.61 -0.95 -0.27	26.27 -0.97 -0.26	27.85 -1.01 0.00	27.85 -1.01 0.00	28.88 -0.47 0.00	96.20 0.97 0.00	57.28 0.51 0.00	27.94 0.07 0.00	25.93 -0.27 0.00	26.41 -0.48 0.00	24.63 -0.44 0.00	27.60 -0.59 0.00	31.41 -0.43 0.00	43.21 0.14 0.00	36.14 0.52 -0.01	62.95 1.00 0.00	37.31 0.48 0.00	29.19 -0.05 -0.75	-0.02 0.13 -8.17	6.33 -0.05 -3.55	-1.04 0.20 -4.28	1.13 0.13 -3.42
CASSADAGA_WT_PWR 323784	26.73 0.00 -1.11	20.65 -0.05 -3.48	26.19 0.23 -0.66	28.00 0.38 -0.63	29.27 0.40 0.00	29.27 0.40 0.00	29.79 0.43 0.00	97.32 2.09 0.00	58.59 1.83 0.00	30.76 1.08 -1.82	28.04 0.86 -0.98	27.70 0.81 0.00	26.00 0.93 0.00	28.92 0.73 0.00	32.67 0.83 0.00	44.14 1.06 0.00	35.69 0.06 -0.02	61.95 -0.01 0.00	36.32 -0.52 0.00	29.26 -1.07 -1.83	11.95 0.30 -19.98	11.36 -0.14 -8.67	5.10 0.15 -10.46	6.00 0.04 -8.37
CE_DUNWOOD___DRP 24194	30.92 1.35 -3.95	30.48 0.87 -12.39	28.92 1.26 -2.37	30.60 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.88 1.52 0.00	100.43 5.19 0.00	59.73 2.96 0.00	29.51 1.64 0.00	27.90 1.70 0.00	28.75 1.85 0.00	26.70 1.63 0.00	30.11 1.93 0.00	33.95 2.11 0.00	45.62 2.54 0.00	37.75 2.08 -0.05	65.62 3.66 0.00	39.03 2.20 0.00	36.75 1.74 -6.52	62.34 -0.49 -71.15	33.87 0.17 -30.87	31.41 -0.33 -37.25	27.26 -0.14 -29.81
CE_MILLWOOD___DRP 24193	30.87 1.31 -3.94	30.42 0.85 -12.36	28.88 1.22 -2.36	30.55 1.32 -2.24	30.28 1.41 0.00	30.28 1.41 0.00	30.83 1.47 0.00	100.26 5.02 0.00	59.63 2.86 0.00	29.44 1.57 0.00	27.83 1.63 0.00	28.67 1.78 0.00	26.63 1.56 0.00	30.04 1.86 0.00	33.87 2.03 0.00	45.52 2.45 0.00	37.68 2.01 -0.05	65.49 3.54 0.00	38.95 2.11 0.00	36.68 1.68 -6.50	62.16 -0.47 -70.96	33.78 0.16 -30.78	31.32 -0.32 -37.15	27.18 -0.14 -29.73
CE_NYC2_DRP 24202	31.00 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.97 1.61 0.00	100.92 5.68 0.00	59.96 3.19 0.00	29.69 1.82 0.00	28.08 1.88 0.00	28.95 2.06 0.00	26.89 1.83 0.00	30.33 2.15 0.00	34.16 2.32 0.00	45.86 2.79 0.00	37.94 2.27 -0.05	65.91 3.96 0.00	39.22 2.39 0.00	36.91 1.89 -6.52	62.39 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.27 -0.15 -29.85
CE_NYC_DRP 24195	31.01 1.43 -3.95	30.54 0.92 -12.40	29.00 1.34 -2.37	30.69 1.46 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.97 1.61 0.00	100.78 5.54 0.00	59.88 3.11 0.00	29.68 1.81 0.00	28.09 1.89 0.00	28.97 2.08 0.00	26.91 1.85 0.00	30.36 2.17 0.00	34.18 2.34 0.00	45.90 2.83 0.00	37.95 2.28 -0.05	65.98 4.02 0.00	39.26 2.42 0.00	36.94 1.92 -6.52	62.37 -0.53 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.84
CHAFFEE___LFGE 323603	26.75 0.03 -1.10	20.57 -0.08 -3.44	25.88 -0.07 -0.66	27.45 -0.15 -0.62	28.69 -0.17 0.00	28.69 -0.17 0.00	29.17 -0.18 0.00	94.58 -0.65 0.00	57.20 0.43 0.00	30.01 0.31 -1.84	27.21 0.02 -0.99	26.69 -0.20 0.00	25.11 0.04 0.00	27.89 -0.30 0.00	31.47 -0.38 0.00	42.46 -0.61 0.00	34.63 -1.00 -0.01	60.40 -1.56 0.00	35.88 -0.95 0.00	29.17 -1.13 -1.81	11.71 0.30 -19.73	11.27 -0.12 -8.56	4.89 0.08 -10.33	5.85 -0.01 -8.27
CHATEAUG_35_KV_LOAD 355732	-3.96 -2.89 26.70	16.02 -1.69 -0.50	23.40 -1.99 -0.09	24.88 -2.20 -0.09	26.47 -2.40 0.00	26.47 -2.40 0.00	27.43 -1.94 0.00	91.55 -3.69 0.00	55.93 -0.83 0.00	27.83 -0.04 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.83 -1.23 0.00	26.81 -1.38 0.00	30.31 -1.54 0.00	41.79 -1.28 0.00	34.44 -1.18 0.00	59.76 -2.20 0.00	35.54 -1.30 0.00	27.65 -1.10 -0.26	-5.17 0.35 -2.80	3.95 -0.10 -1.22	-3.61 0.44 -1.47	-1.00 0.28 -1.14
CHATEAUG_WT_PWR 323614	-3.62 -2.92 26.32	16.00 -1.69 -0.48	23.38 -2.00 -0.09	24.86 -2.20 -0.09	26.44 -2.42 0.00	26.44 -2.42 0.00	27.41 -1.95 0.00	91.49 -3.74 0.00	55.92 -0.85 0.00	27.80 -0.06 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.83 -1.23 0.00	26.82 -1.36 0.00	30.34 -1.51 0.00	41.78 -1.29 0.00	34.56 -1.06 0.00	59.79 -2.17 0.00	35.55 -1.29 0.00	27.66 -1.09 -0.25	-5.27 0.34 -2.71	3.91 -0.10 -1.18	-3.66 0.44 -1.42	-1.03 0.28 -1.10
CHAT_HIGH_FALL_HYD 323578	-3.99 -2.91 26.70	16.02 -1.69 -0.50	23.40 -1.99 -0.09	24.88 -2.20 -0.09	26.47 -2.40 0.00	26.47 -2.40 0.00	27.43 -1.94 0.00	91.53 -3.70 0.00	55.94 -0.83 0.00	27.83 -0.04 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.83 -1.23 0.00	26.81 -1.38 0.00	30.31 -1.54 0.00	41.79 -1.28 0.00	34.44 -1.18 0.00	59.76 -2.19 0.00	35.54 -1.30 0.00	27.65 -1.10 -0.26	-5.17 0.35 -2.80	3.95 -0.10 -1.22	-3.61 0.44 -1.47	-1.00 0.28 -1.14
CHAUTAUQUA___LFGE 323629	26.81 0.08 -1.10	20.64 -0.03 -3.46	26.04 0.09 -0.66	27.73 0.12 -0.63	28.95 0.09 0.00	28.95 0.09 0.00	29.50 0.14 0.00	96.06 0.82 0.00	57.98 1.21 0.00	30.36 0.65 -1.84	27.58 0.39 -0.99	27.20 0.31 0.00	25.57 0.50 0.00	28.43 0.24 0.00	32.14 0.30 0.00	43.30 0.23 0.00	35.17 -0.47 -0.01	61.25 -0.70 0.00	36.21 -0.62 0.00	29.33 -0.98 -1.82	11.78 0.26 -19.84	11.32 -0.12 -8.60	4.94 0.07 -10.39	5.90 0.00 -8.31
CHERRYST_13_KV_LD 356241	31.07 1.49 -3.95	30.58 0.96 -12.40	29.05 1.39 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.05 1.69 0.00	101.09 5.86 0.00	60.07 3.31 0.00	29.78 1.91 0.00	28.18 1.98 0.00	29.08 2.18 0.00	27.01 1.95 0.00	30.47 2.28 0.00	34.31 2.46 0.00	46.05 2.98 0.00	38.09 2.42 -0.05	66.22 4.27 0.00	39.38 2.54 0.00	37.03 2.01 -6.52	62.35 -0.56 -71.23	33.93 0.20 -30.90	31.40 -0.38 -37.29	27.27 -0.16 -29.84
CHESTROR_138KV_BK263 355645	30.44 1.10 -3.72	29.59 0.72 -11.66	28.55 1.03 -2.23	30.21 1.11 -2.12	30.05 1.18 0.00	30.05 1.18 0.00	30.60 1.23 0.00	99.45 4.21 0.00	59.15 2.38 0.00	29.14 1.27 0.00	27.51 1.31 0.00	28.32 1.43 0.00	26.31 1.25 0.00	29.68 1.49 0.00	33.48 1.64 0.00	45.07 2.00 0.00	37.32 1.65 -0.05	64.88 2.92 0.00	38.59 1.75 0.00	36.02 1.40 -6.13	58.24 -0.39 -66.95	32.02 0.13 -29.05	29.27 -0.26 -35.05	25.52 -0.11 -28.05
CH_MIDHUDSON___DRP 24192	30.98 1.31 -4.04	30.75 0.85 -12.68	28.95 1.23 -2.42	30.60 1.32 -2.30	30.28 1.41 0.00	30.28 1.41 0.00	30.85 1.49 0.00	100.44 5.20 0.00	59.73 2.97 0.00	29.37 1.50 0.00	27.71 1.52 0.00	28.51 1.62 0.00	26.43 1.36 0.00	29.81 1.62 0.00	33.65 1.81 0.00	45.36 2.28 0.00	37.61 1.94 -0.05	65.39 3.44 0.00	38.88 2.05 0.00	36.82 1.62 -6.70	64.35 -0.45 -73.12	34.72 0.16 -31.72	32.46 -0.30 -38.28	28.09 -0.13 -30.64

CH_MISC_IPPS 23765	31.04 1.44 -3.98	30.64 0.93 -12.50	29.03 1.35 -2.39	30.70 1.45 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.00 1.65 0.00	100.93 5.69 0.00	60.01 3.24 0.00	29.51 1.64 0.00	27.85 1.65 0.00	28.65 1.75 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.87 2.03 0.00	45.66 2.58 0.00	37.85 2.18 -0.05	65.82 3.86 0.00	39.14 2.31 0.00	36.90 1.82 -6.58	63.04 -0.51 -71.88	34.20 0.18 -31.19	31.78 -0.33 -37.63	27.56 -0.15 -30.12
CH_RES_BVR_FALLS 23983	5.43 -1.66 18.53	16.59 -0.94 -0.32	24.11 -1.24 -0.06	25.62 -1.42 -0.06	27.36 -1.50 0.00	27.36 -1.50 0.00	28.07 -1.29 0.00	92.18 -3.05 0.00	55.50 -1.27 0.00	27.46 -0.41 0.00	25.48 -0.71 0.00	25.98 -0.91 0.00	24.24 -0.83 0.00	27.22 -0.97 0.00	30.70 -1.15 0.00	41.91 -1.17 0.00	34.68 -0.94 0.00	59.98 -1.97 0.00	35.64 -1.20 0.00	27.63 -1.04 -0.17	-6.14 0.32 -1.87	3.54 -0.11 -0.81	-4.24 0.30 -0.97	-1.50 0.18 -0.73
CH_RES_NIAGARA 23895	25.95 -0.70 -1.03	19.88 -0.58 -3.25	25.09 -0.82 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.89 -5.34 0.00	54.52 -2.25 0.00	28.94 -0.95 -2.03	26.04 -1.25 -1.10	25.40 -1.49 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.31 -2.76 0.00	32.90 -2.73 -0.01	57.22 -4.74 0.00	34.04 -2.80 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.52 0.28 -9.76	5.45 0.05 -7.81
CH_RES_SYRACUSE 23985	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.86 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.08 0.01 0.00	35.58 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.01 -14.67	9.20 0.00 -6.36	2.15 -0.02 -7.68	3.72 -0.01 -6.15
CLINTON_WT_PWR 323605	-3.62 -2.92 26.32	16.00 -1.69 -0.48	23.38 -2.00 -0.09	24.86 -2.20 -0.09	26.44 -2.42 0.00	26.44 -2.42 0.00	27.41 -1.95 0.00	91.49 -3.74 0.00	55.92 -0.85 0.00	27.80 -0.06 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.83 -1.23 0.00	26.82 -1.36 0.00	30.34 -1.51 0.00	41.78 -1.29 0.00	34.56 -1.06 0.00	59.79 -2.17 0.00	35.55 -1.29 0.00	27.66 -1.09 -0.25	-5.27 0.34 -2.71	3.91 -0.10 -1.18	-3.66 0.44 -1.42	-1.03 0.28 -1.10
CLINTON__LFGE 323618	-3.50 -2.71 26.42	16.14 -1.56 -0.48	23.59 -1.80 -0.09	25.11 -1.96 -0.09	26.70 -2.17 0.00	26.70 -2.17 0.00	27.72 -1.64 0.00	92.78 -2.45 0.00	56.71 -0.06 0.00	28.09 0.23 0.00	25.70 -0.50 0.00	25.88 -1.02 0.00	24.05 -1.01 0.00	27.09 -1.10 0.00	30.65 -1.19 0.00	42.18 -0.89 0.00	35.08 -0.54 0.00	60.84 -1.12 0.00	36.19 -0.64 0.00	28.17 -0.58 -0.25	-5.39 0.19 -2.74	3.96 -0.06 -1.19	-3.74 0.35 -1.43	-1.06 0.25 -1.11
COBBLENY_34_KV_TB1 80064	26.74 0.03 -1.10	20.57 -0.08 -3.44	25.89 -0.06 -0.66	27.45 -0.15 -0.62	28.69 -0.17 0.00	28.69 -0.17 0.00	29.17 -0.18 0.00	94.61 -0.63 0.00	57.20 0.43 0.00	30.02 0.31 -1.84	27.20 0.02 -0.99	26.70 -0.20 0.00	25.11 0.04 0.00	27.89 -0.30 0.00	31.46 -0.38 0.00	42.43 -0.64 0.00	34.63 -1.00 -0.01	60.40 -1.55 0.00	35.89 -0.95 0.00	29.17 -1.14 -1.81	11.71 0.30 -19.73	11.27 -0.13 -8.56	4.89 0.08 -10.33	5.85 -0.01 -8.27
COFFEEN__115KV_TB3 355620	22.75 -1.09 1.78	18.23 -0.66 -1.68	24.86 -0.75 -0.32	26.53 -0.76 -0.30	28.06 -0.81 0.00	28.06 -0.81 0.00	29.09 -0.27 0.00	96.92 1.69 0.00	57.45 0.67 0.00	27.86 -0.01 0.00	25.86 -0.33 0.00	26.35 -0.54 0.00	24.60 -0.47 0.00	27.55 -0.64 0.00	31.42 -0.42 0.00	43.25 0.18 0.00	36.34 0.71 -0.01	63.50 1.55 0.00	37.62 0.78 0.00	29.52 0.14 -0.88	1.36 0.06 -9.63	6.98 -0.03 -4.18	-0.33 0.15 -5.04	1.71 0.10 -4.03
COLDSPRG_115KV_BK1 355956	27.78 1.03 -1.12	21.31 0.57 -3.52	27.00 1.04 -0.67	28.75 1.13 -0.64	30.08 1.21 0.00	30.08 1.21 0.00	30.64 1.28 0.00	100.12 4.88 0.00	60.30 3.53 0.00	31.44 1.78 -1.79	28.70 1.54 -0.96	28.37 1.48 0.00	26.63 1.57 0.00	29.64 1.45 0.00	33.48 1.64 0.00	45.03 1.96 0.00	36.48 0.84 -0.02	63.61 1.65 0.00	37.59 0.75 0.00	30.48 0.13 -1.85	11.84 -0.05 -20.22	11.59 -0.01 -8.77	4.95 -0.12 -10.58	5.98 -0.08 -8.47
COLONIE_LFGE__ 323577	31.42 0.96 -4.85	33.04 0.62 -15.20	29.14 0.94 -2.90	30.70 0.96 -2.76	29.90 1.04 0.00	29.90 1.04 0.00	30.31 0.95 0.00	98.49 3.25 0.00	58.48 1.71 0.00	28.53 0.66 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.79 0.72 0.00	29.14 0.95 0.00	32.95 1.11 0.00	44.59 1.51 0.00	37.05 1.37 -0.06	64.19 2.23 0.00	38.13 1.30 0.00	37.55 1.06 -7.99	78.63 -0.30 -87.25	40.78 0.10 -37.85	39.97 -0.19 -45.68	34.06 -0.08 -36.56
COOPERNY_115KV_TB1 80082	29.60 0.85 -3.13	27.59 0.55 -9.82	27.95 0.78 -1.88	29.62 0.86 -1.78	29.79 0.92 0.00	29.79 0.92 0.00	30.33 0.96 0.00	98.43 3.19 0.00	58.57 1.80 0.00	28.84 0.97 0.00	27.20 1.01 0.00	27.99 1.10 0.00	26.02 0.95 0.00	29.31 1.12 0.00	33.07 1.23 0.00	44.57 1.50 0.00	36.85 1.19 -0.04	64.08 2.13 0.00	38.12 1.29 0.00	34.68 1.02 -5.17	47.77 -0.29 -56.38	27.39 0.10 -24.46	23.80 -0.20 -29.52	21.12 -0.09 -23.62
COPENHAGEN_WT_PWR 323753	22.40 -1.57 1.65	17.97 -0.95 -1.72	24.49 -1.13 -0.33	26.14 -1.15 -0.31	27.65 -1.21 0.00	27.65 -1.21 0.00	28.67 -0.69 0.00	95.56 0.32 0.00	56.78 0.01 0.00	27.70 -0.17 0.00	25.80 -0.39 0.00	26.32 -0.58 0.00	24.56 -0.50 0.00	27.52 -0.67 0.00	31.32 -0.52 0.00	42.98 -0.09 0.00	35.95 0.32 -0.01	62.63 0.68 0.00	37.08 0.24 0.00	29.03 -0.37 -0.90	1.74 0.22 -9.84	7.02 -0.08 -4.27	-0.12 0.25 -5.15	1.84 0.14 -4.12
CORNELL____ 23752	27.68 0.76 -1.30	21.75 0.47 -4.07	26.76 0.69 -0.78	28.48 0.76 -0.74	29.67 0.81 0.00	29.67 0.81 0.00	30.32 0.96 0.00	98.68 3.45 0.00	58.75 1.98 0.00	28.91 0.79 -0.25	26.95 0.62 -0.14	27.46 0.57 0.00	25.66 0.60 0.00	28.82 0.63 0.00	32.65 0.81 0.00	44.25 1.18 0.00	36.62 0.99 -0.02	63.91 1.96 0.00	37.99 1.16 0.00	31.43 0.80 -2.14	14.81 -0.23 -23.36	13.04 0.07 -10.13	6.56 -0.15 -12.23	7.30 -0.07 -9.79
CORONAAV_69_KV_TB1 355595	31.50 1.92 -3.95	30.85 1.23 -12.40	29.43 1.76 -2.37	31.13 1.89 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	31.26 1.99 0.09	104.67 6.18 -3.25	62.62 3.75 -2.11	30.05 2.18 0.00	28.47 2.27 0.00	34.55 2.46 -5.20	27.18 2.12 0.00	30.63 2.44 0.00	34.56 2.72 0.00	60.55 3.21 -14.27	86.18 2.55 -48.01	73.77 4.38 -7.44	39.57 2.74 0.00	37.20 2.18 -6.52	62.30 -0.59 -71.22	33.95 0.22 -30.90	31.35 -0.42 -37.29	27.24 -0.18 -29.84
CORTLAND_115KV_TB3 80093	26.95 0.48 -0.85	20.99 0.28 -3.50	26.37 0.41 -0.67	28.08 0.47 -0.64	29.36 0.49 0.00	29.36 0.49 0.00	29.97 0.60 0.00	97.41 2.17 0.00	58.08 1.31 0.00	28.51 0.52 -0.12	26.67 0.41 -0.07	27.28 0.39 0.00	25.47 0.40 0.00	28.60 0.41 0.00	32.37 0.53 0.00	43.82 0.75 0.00	36.20 0.57 -0.02	63.15 1.19 0.00	37.54 0.70 0.00	30.80 0.46 -1.84	11.61 -0.13 -20.07	11.58 0.04 -8.70	4.90 -0.09 -10.50	5.95 -0.04 -8.41

COXSACKIE___GT 23611	32.13 1.95 -4.56	32.80 1.29 -14.30	29.94 1.91 -2.73	31.61 2.03 -2.59	31.06 2.19 0.00	31.06 2.19 0.00	31.67 2.30 0.00	102.12 6.88 0.00	59.38 2.62 0.00	29.16 1.29 0.00	27.19 0.99 0.00	27.90 1.00 0.00	26.00 0.93 0.00	29.41 1.23 0.00	33.47 1.63 0.00	45.87 2.80 0.00	38.79 3.11 -0.06	67.89 5.93 0.00	40.35 3.51 0.00	38.69 2.69 -7.51	72.91 -0.75 -81.98	38.65 0.25 -35.56	36.97 -0.43 -42.92	31.75 -0.18 -34.35
CPV_VALLEY___CC1 323721	30.03 0.90 -3.50	28.80 0.59 -10.99	28.23 0.84 -2.10	29.89 0.91 -1.99	29.85 0.98 0.00	29.85 0.98 0.00	30.38 1.01 0.00	98.65 3.41 0.00	58.69 1.92 0.00	28.92 1.06 0.00	27.32 1.12 0.00	28.13 1.24 0.00	26.13 1.07 0.00	29.46 1.28 0.00	33.23 1.39 0.00	44.72 1.65 0.00	37.00 1.34 -0.05	64.33 2.38 0.00	38.27 1.43 0.00	35.42 1.14 -5.78	54.48 -0.32 -63.12	30.33 0.11 -27.38	27.31 -0.22 -33.04	23.93 -0.10 -26.45
CPV_VALLEY___CC2 323722	30.03 0.90 -3.50	28.80 0.59 -10.99	28.23 0.84 -2.10	29.89 0.91 -1.99	29.85 0.98 0.00	29.85 0.98 0.00	30.38 1.01 0.00	98.65 3.41 0.00	58.69 1.92 0.00	28.92 1.06 0.00	27.32 1.12 0.00	28.13 1.24 0.00	26.13 1.07 0.00	29.46 1.28 0.00	33.23 1.39 0.00	44.72 1.65 0.00	37.00 1.34 -0.05	64.33 2.38 0.00	38.27 1.43 0.00	35.42 1.14 -5.78	54.48 -0.32 -63.12	30.33 0.11 -27.38	27.31 -0.22 -33.04	23.93 -0.10 -26.45
CRESCENT___HYD 24018	31.42 0.96 -4.85	33.04 0.62 -15.20	29.14 0.94 -2.90	30.70 0.96 -2.76	29.90 1.04 0.00	29.90 1.04 0.00	30.31 0.95 0.00	98.49 3.25 0.00	58.48 1.71 0.00	28.53 0.66 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.79 0.72 0.00	29.14 0.95 0.00	32.95 1.11 0.00	44.59 1.51 0.00	37.05 1.37 -0.06	64.19 2.23 0.00	38.13 1.30 0.00	37.55 1.06 -7.99	78.63 -0.30 -87.25	40.78 0.10 -37.85	39.97 -0.19 -45.68	34.06 -0.08 -36.56
CRICKET___VALLEY_CC1 323756	30.77 0.98 -4.16	30.89 0.62 -13.06	28.70 0.91 -2.49	30.30 0.95 -2.37	29.87 1.01 0.00	29.87 1.01 0.00	30.43 1.08 0.00	99.11 3.88 0.00	59.04 2.28 0.00	28.98 1.11 0.00	27.35 1.16 0.00	28.15 1.26 0.00	26.12 1.06 0.00	29.47 1.28 0.00	33.27 1.43 0.00	44.87 1.79 0.00	37.29 1.62 -0.06	64.79 2.84 0.00	38.49 1.65 0.00	36.69 1.32 -6.87	66.30 -0.36 -74.99	35.49 0.13 -32.53	33.50 -0.24 -39.26	28.90 -0.10 -31.42
CRICKET___VALLEY_CC2 323757	30.77 0.98 -4.16	30.89 0.62 -13.06	28.70 0.91 -2.49	30.30 0.95 -2.37	29.87 1.01 0.00	29.87 1.01 0.00	30.43 1.08 0.00	99.11 3.88 0.00	59.04 2.28 0.00	28.98 1.11 0.00	27.35 1.16 0.00	28.15 1.26 0.00	26.12 1.06 0.00	29.47 1.28 0.00	33.27 1.43 0.00	44.87 1.79 0.00	37.29 1.62 -0.06	64.79 2.84 0.00	38.49 1.65 0.00	36.69 1.32 -6.87	66.30 -0.36 -74.99	35.49 0.13 -32.53	33.50 -0.24 -39.26	28.90 -0.10 -31.42
CRICKET___VALLEY_CC3 323758	30.77 0.98 -4.16	30.89 0.62 -13.06	28.70 0.91 -2.49	30.30 0.95 -2.37	29.87 1.01 0.00	29.87 1.01 0.00	30.43 1.08 0.00	99.11 3.88 0.00	59.04 2.28 0.00	28.98 1.11 0.00	27.35 1.16 0.00	28.15 1.26 0.00	26.12 1.06 0.00	29.47 1.28 0.00	33.27 1.43 0.00	44.87 1.79 0.00	37.29 1.62 -0.06	64.79 2.84 0.00	38.49 1.65 0.00	36.69 1.32 -6.87	66.30 -0.36 -74.99	35.49 0.13 -32.53	33.50 -0.24 -39.26	28.90 -0.10 -31.42
CRUCIBLE_METL_DRP 24180	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.87 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.07 0.00 0.00	35.59 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.02 -14.67	9.20 0.00 -6.36	2.15 -0.01 -7.68	3.72 -0.01 -6.15
DAHOWA___HYDRO 323763	32.03 1.50 -4.92	33.62 0.99 -15.42	29.74 1.50 -2.94	31.32 1.54 -2.80	30.51 1.64 0.00	30.51 1.64 0.00	31.03 1.67 0.00	101.26 6.02 0.00	60.09 3.33 0.00	29.17 1.30 0.00	27.42 1.23 0.00	28.13 1.24 0.00	26.17 1.11 0.00	29.57 1.38 0.00	33.53 1.69 0.00	45.44 2.36 0.00	37.75 2.07 -0.06	65.36 3.40 0.00	38.82 1.99 0.00	38.15 1.55 -8.11	79.70 -0.45 -88.48	41.37 0.15 -38.39	40.51 -0.30 -46.32	34.53 -0.13 -37.07
DANC___LFGE 323619	23.48 -1.07 1.07	18.46 -0.67 -1.92	24.83 -0.83 -0.37	26.49 -0.84 -0.35	27.97 -0.90 0.00	27.97 -0.90 0.00	28.78 -0.59 0.00	94.83 -0.40 0.00	56.46 -0.31 0.00	27.61 -0.26 0.00	25.77 -0.42 0.00	26.34 -0.55 0.00	24.59 -0.48 0.00	27.55 -0.64 0.00	31.26 -0.58 0.00	42.65 -0.42 0.00	35.54 -0.09 -0.01	61.93 -0.02 0.00	36.73 -0.11 0.00	29.09 -0.42 -1.01	2.85 0.18 -10.99	7.54 -0.07 -4.77	0.42 0.18 -5.75	2.28 0.09 -4.60
DANSKAMMER___1 23586	31.04 1.44 -3.98	30.64 0.93 -12.50	29.03 1.35 -2.39	30.70 1.45 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.00 1.65 0.00	100.93 5.69 0.00	60.01 3.24 0.00	29.51 1.64 0.00	27.85 1.65 0.00	28.65 1.75 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.87 2.03 0.00	45.66 2.58 0.00	37.85 2.18 -0.05	65.82 3.86 0.00	39.14 2.31 0.00	36.90 1.82 -6.58	63.04 -0.51 -71.88	34.20 0.18 -31.19	31.78 -0.33 -37.63	27.56 -0.15 -30.12
DANSKAMMER___2 23589	31.04 1.44 -3.98	30.64 0.93 -12.50	29.03 1.35 -2.39	30.70 1.45 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.00 1.65 0.00	100.93 5.69 0.00	60.01 3.24 0.00	29.51 1.64 0.00	27.85 1.65 0.00	28.65 1.75 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.87 2.03 0.00	45.66 2.58 0.00	37.85 2.18 -0.05	65.82 3.86 0.00	39.14 2.31 0.00	36.90 1.82 -6.58	63.04 -0.51 -71.88	34.20 0.18 -31.19	31.78 -0.33 -37.63	27.56 -0.15 -30.12
DANSKAMMER___3 23590	31.04 1.44 -3.98	30.64 0.93 -12.50	29.03 1.35 -2.39	30.70 1.45 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.00 1.65 0.00	100.93 5.69 0.00	60.01 3.24 0.00	29.51 1.64 0.00	27.85 1.65 0.00	28.65 1.75 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.87 2.03 0.00	45.66 2.58 0.00	37.85 2.18 -0.05	65.82 3.86 0.00	39.14 2.31 0.00	36.90 1.82 -6.58	63.04 -0.51 -71.88	34.20 0.18 -31.19	31.78 -0.33 -37.63	27.56 -0.15 -30.12
DANSKAMMER___4 23591	31.04 1.44 -3.98	30.64 0.93 -12.50	29.03 1.35 -2.39	30.70 1.45 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.00 1.65 0.00	100.93 5.69 0.00	60.01 3.24 0.00	29.51 1.64 0.00	27.85 1.65 0.00	28.65 1.75 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.87 2.03 0.00	45.66 2.58 0.00	37.85 2.18 -0.05	65.82 3.86 0.00	39.14 2.31 0.00	36.90 1.82 -6.58	63.04 -0.51 -71.88	34.20 0.18 -31.19	31.78 -0.33 -37.63	27.56 -0.15 -30.12
DANSKAMMER___DIESEL 23592	31.04 1.44 -3.98	30.65 0.93 -12.50	29.03 1.35 -2.39	30.70 1.45 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.00 1.65 0.00	100.93 5.69 0.00	60.01 3.25 0.00	29.51 1.64 0.00	27.85 1.65 0.00	28.65 1.75 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.87 2.03 0.00	45.66 2.58 0.00	37.85 2.18 -0.05	65.82 3.86 0.00	39.14 2.31 0.00	36.90 1.82 -6.58	63.04 -0.51 -71.88	34.20 0.18 -31.19	31.78 -0.33 -37.63	27.56 -0.15 -30.12

DARBY___SOLAR 323810	31.92 1.40 -4.90	33.53 0.93 -15.38	29.63 1.40 -2.94	31.21 1.44 -2.79	30.39 1.53 0.00	30.39 1.53 0.00	30.90 1.54 0.00	100.71 5.47 0.00	59.78 3.02 0.00	29.04 1.17 0.00	27.31 1.12 0.00	28.03 1.14 0.00	26.08 1.01 0.00	29.47 1.28 0.00	33.41 1.57 0.00	45.27 2.20 0.00	37.61 1.93 -0.06	65.16 3.20 0.00	38.69 1.85 0.00	38.03 1.45 -8.09	79.55 -0.42 -88.30	41.28 0.14 -38.31	40.43 -0.28 -46.23	34.46 -0.12 -37.00
DASHVILLE___HYD 23610	30.77 1.00 -4.15	30.88 0.66 -13.01	28.71 0.93 -2.48	30.36 1.02 -2.36	29.96 1.10 0.00	29.96 1.10 0.00	30.50 1.14 0.00	99.11 3.88 0.00	58.97 2.21 0.00	29.00 1.13 0.00	27.36 1.16 0.00	28.16 1.27 0.00	26.23 1.17 0.00	29.58 1.40 0.00	33.41 1.57 0.00	45.05 1.98 0.00	37.36 1.69 -0.05	64.98 3.03 0.00	38.65 1.82 0.00	36.75 1.43 -6.82	65.76 -0.40 -74.48	35.29 0.14 -32.31	33.21 -0.26 -38.99	28.67 -0.12 -31.21
DEERFIELD_69_KV_DEERFIELD LD 355887	32.05 2.48 -3.95	31.20 1.58 -12.40	29.94 2.28 -2.37	31.67 2.44 -2.25	31.49 2.63 0.00	31.49 2.63 0.00	31.44 2.74 0.65	92.74 6.97 9.46	63.51 4.64 -2.11	30.65 2.79 0.00	28.99 2.80 0.00	35.01 2.92 -5.20	27.66 2.60 0.00	31.25 3.06 0.00	35.36 3.51 0.00	61.71 4.36 -14.27	87.35 3.72 -48.01	75.98 6.59 -7.44	40.87 4.03 0.00	38.10 3.08 -6.52	62.04 -0.86 -71.22	34.03 0.30 -30.90	31.20 -0.56 -37.29	27.18 -0.25 -29.84
DELAWARE___LFGE 323621	28.54 0.84 -2.08	24.31 0.57 -6.53	27.33 0.79 -1.25	29.06 0.89 -1.18	29.82 0.95 0.00	29.82 0.95 0.00	30.40 1.03 0.00	98.63 3.40 0.00	58.77 2.00 0.00	29.07 1.01 -0.19	27.25 0.96 -0.10	27.88 0.99 0.00	25.96 0.90 0.00	29.18 1.00 0.00	32.97 1.13 0.00	44.54 1.47 0.00	36.79 1.15 -0.03	64.05 2.10 0.00	38.10 1.26 0.00	32.86 0.93 -3.43	28.88 -0.26 -37.46	19.18 0.09 -16.25	13.91 -0.18 -19.61	13.20 -0.08 -15.70
DERFIELD_115KV_TB7 355931	25.63 -0.12 -0.12	17.54 -0.06 -0.39	25.29 -0.08 -0.07	26.97 -0.08 -0.07	28.78 -0.09 0.00	28.78 -0.09 0.00	29.31 -0.05 0.00	95.24 0.00 0.00	56.78 0.01 0.00	27.87 0.00 0.00	26.17 -0.03 0.00	26.86 -0.03 0.00	25.02 -0.05 0.00	28.15 -0.04 0.00	31.78 -0.06 0.00	43.05 -0.02 0.00	35.62 0.01 0.00	61.94 -0.01 0.00	36.82 -0.01 0.00	28.67 -0.03 -0.20	-6.10 0.02 -2.21	3.79 -0.01 -0.96	-4.35 0.02 -1.16	-1.48 0.01 -0.93
DOGLEVILLE___HYD 23807	26.27 0.53 -0.12	17.92 0.32 -0.39	25.74 0.37 -0.07	27.43 0.37 -0.07	29.27 0.40 0.00	29.27 0.40 0.00	29.95 0.59 0.00	97.61 2.37 0.00	57.62 0.85 0.00	27.88 0.01 0.00	26.20 0.01 0.00	27.02 0.13 0.00	25.07 0.01 0.00	28.30 0.11 0.00	32.14 0.29 0.00	43.67 0.59 0.00	36.37 0.75 0.00	63.71 1.75 0.00	37.83 0.99 0.00	29.43 0.73 -0.20	-6.30 -0.18 -2.21	3.84 0.05 -0.96	-4.48 -0.11 -1.16	-1.54 -0.04 -0.93
DUNKIRK___115KV_TB_200 55889	26.83 0.11 -1.10	20.65 -0.02 -3.45	26.05 0.09 -0.66	27.70 0.09 -0.63	28.92 0.06 0.00	28.92 0.06 0.00	29.47 0.11 0.00	95.92 0.69 0.00	57.92 1.15 0.00	30.32 0.61 -1.84	27.53 0.34 -0.99	27.15 0.26 0.00	25.52 0.45 0.00	28.36 0.17 0.00	32.05 0.21 0.00	43.17 0.10 0.00	35.10 -0.53 -0.01	61.17 -0.78 0.00	36.21 -0.62 0.00	29.35 -0.96 -1.82	11.76 0.26 -19.82	11.32 -0.11 -8.60	4.93 0.07 -10.38	5.89 0.00 -8.31
DUNKIRK___1 23563	26.83 0.11 -1.10	20.65 -0.02 -3.45	26.05 0.09 -0.66	27.70 0.09 -0.63	28.92 0.06 0.00	28.92 0.06 0.00	29.47 0.11 0.00	95.92 0.69 0.00	57.92 1.15 0.00	30.32 0.61 -1.84	27.53 0.34 -0.99	27.15 0.26 0.00	25.52 0.45 0.00	28.36 0.17 0.00	32.05 0.21 0.00	43.17 0.10 0.00	35.10 -0.53 -0.01	61.17 -0.78 0.00	36.21 -0.62 0.00	29.35 -0.96 -1.82	11.76 0.26 -19.82	11.32 -0.11 -8.60	4.93 0.07 -10.38	5.89 0.00 -8.31
DUNKIRK___2 23564	26.83 0.11 -1.10	20.65 -0.02 -3.45	26.05 0.09 -0.66	27.70 0.09 -0.63	28.92 0.06 0.00	28.92 0.06 0.00	29.47 0.11 0.00	95.92 0.69 0.00	57.92 1.15 0.00	30.32 0.61 -1.84	27.53 0.34 -0.99	27.15 0.26 0.00	25.52 0.45 0.00	28.36 0.17 0.00	32.05 0.21 0.00	43.17 0.10 0.00	35.10 -0.53 -0.01	61.17 -0.78 0.00	36.21 -0.62 0.00	29.35 -0.96 -1.82	11.76 0.26 -19.82	11.32 -0.11 -8.60	4.93 0.07 -10.38	5.89 0.00 -8.31
DUNKIRK___3 23565	26.90 0.17 -1.10	20.68 0.01 -3.46	26.08 0.12 -0.66	27.72 0.12 -0.63	28.95 0.09 0.00	28.95 0.09 0.00	29.48 0.13 0.00	95.80 0.57 0.00	57.86 1.09 0.00	30.27 0.56 -1.84	27.52 0.34 -0.99	27.15 0.25 0.00	25.52 0.45 0.00	28.38 0.18 0.00	32.08 0.24 0.00	43.12 0.05 0.00	35.03 -0.60 -0.01	61.08 -0.87 0.00	36.22 -0.62 0.00	29.41 -0.90 -1.82	11.78 0.24 -19.86	11.34 -0.11 -8.61	4.93 0.05 -10.40	5.89 -0.02 -8.32
DUNKIRK___4 23566	26.82 0.10 -1.09	20.61 -0.02 -3.42	26.02 0.07 -0.65	27.65 0.05 -0.62	28.89 0.03 0.00	28.89 0.03 0.00	29.40 0.05 0.00	95.57 0.33 0.00	57.74 0.97 0.00	30.28 0.54 -1.87	27.48 0.27 -1.01	27.04 0.15 0.00	25.43 0.36 0.00	28.26 0.07 0.00	31.92 0.08 0.00	43.00 -0.08 0.00	34.98 -0.65 -0.01	60.96 -1.00 0.00	36.10 -0.73 0.00	29.27 -1.02 -1.80	11.57 0.27 -19.62	11.23 -0.12 -8.51	4.82 0.07 -10.27	5.80 -0.01 -8.22
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.42 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.95 1.58 0.00	100.70 5.47 0.00	59.89 3.13 0.00	29.60 1.74 0.00	27.98 1.79 0.00	28.84 1.96 0.00	26.79 1.72 0.00	30.22 2.03 0.00	34.06 2.21 0.00	45.76 2.69 0.00	37.86 2.19 -0.05	65.81 3.86 0.00	39.16 2.32 0.00	36.85 1.83 -6.52	62.39 -0.51 -71.23	33.91 0.18 -30.90	31.43 -0.34 -37.29	27.28 -0.15 -29.84
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.74 1.24 -3.88	30.20 0.81 -12.17	28.78 1.16 -2.32	30.45 1.26 -2.21	30.22 1.36 0.00	30.22 1.36 0.00	30.78 1.42 0.00	100.08 4.85 0.00	59.52 2.75 0.00	29.29 1.42 0.00	27.65 1.46 0.00	28.46 1.56 0.00	26.42 1.36 0.00	29.81 1.62 0.00	33.64 1.80 0.00	45.32 2.24 0.00	37.54 1.87 -0.05	65.27 3.31 0.00	38.82 1.99 0.00	36.48 1.58 -6.40	61.16 -0.45 -69.93	33.33 0.15 -30.34	30.79 -0.30 -36.61	26.75 -0.13 -29.30
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.99 1.42 -3.95	30.55 0.93 -12.40	28.99 1.33 -2.37	30.68 1.45 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.01 1.66 0.00	101.09 5.85 0.00	60.02 3.25 0.00	29.68 1.81 0.00	28.04 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.29 2.10 0.00	34.09 2.25 0.00	45.80 2.72 0.00	37.90 2.23 -0.05	65.87 3.91 0.00	39.19 2.36 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
E179THST_13_KV_LOAD 356214	31.10 1.53 -3.95	30.62 1.00 -12.40	29.09 1.43 -2.37	30.78 1.55 -2.25	30.51 1.65 0.00	30.51 1.65 0.00	31.12 1.77 0.00	101.55 6.31 0.00	60.30 3.54 0.00	29.81 1.95 0.00	28.16 1.97 0.00	29.06 2.16 0.00	26.98 1.91 0.00	30.43 2.24 0.00	34.25 2.41 0.00	46.00 2.93 0.00	38.08 2.41 -0.05	66.18 4.23 0.00	39.39 2.55 0.00	37.05 2.03 -6.52	62.35 -0.56 -71.23	33.93 0.20 -30.90	31.40 -0.38 -37.29	27.26 -0.17 -29.85

EAST HAMPTON___GT 23717	32.28 2.71 -3.95	31.35 1.73 -12.40	30.16 2.50 -2.37	31.90 2.67 -2.25	31.72 2.86 0.00	31.72 2.86 0.00	31.70 2.99 0.65	93.61 7.83 9.46	64.07 5.20 -2.11	30.92 3.05 0.00	29.22 3.03 0.00	35.21 3.12 -5.20	27.87 2.81 0.00	31.48 3.30 0.00	35.63 3.79 0.00	62.13 4.78 -14.27	87.72 4.09 -48.01	76.60 7.21 -7.44	41.26 4.42 0.00	38.40 3.38 -6.52	61.95 -0.94 -71.22	34.06 0.33 -30.90	31.15 -0.62 -37.29	27.16 -0.27 -29.84
EAST RIVER___6 23660	31.03 1.45 -3.95	30.54 0.93 -12.40	29.01 1.35 -2.37	30.69 1.46 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.98 1.62 0.00	100.74 5.51 0.00	59.89 3.12 0.00	29.70 1.83 0.00	28.15 1.96 0.00	29.06 2.16 0.00	27.00 1.93 0.00	30.45 2.26 0.00	34.28 2.44 0.00	46.03 2.95 0.00	38.07 2.40 -0.05	66.24 4.29 0.00	39.45 2.62 0.00	37.08 2.06 -6.52	62.34 -0.56 -71.23	33.94 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.16 -29.84
EAST RIVER___7 23524	31.03 1.45 -3.95	30.54 0.93 -12.40	29.01 1.35 -2.37	30.69 1.46 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.98 1.62 0.00	100.74 5.51 0.00	59.89 3.12 0.00	29.70 1.83 0.00	28.15 1.96 0.00	29.06 2.16 0.00	27.00 1.93 0.00	30.45 2.26 0.00	34.28 2.44 0.00	46.03 2.95 0.00	38.07 2.40 -0.05	66.24 4.29 0.00	39.45 2.62 0.00	37.08 2.06 -6.52	62.34 -0.56 -71.23	33.94 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.16 -29.84
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.92 1.35 -3.95	30.48 0.87 -12.39	28.92 1.26 -2.37	30.60 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.88 1.52 0.00	100.43 5.19 0.00	59.73 2.96 0.00	29.51 1.64 0.00	27.90 1.70 0.00	28.75 1.85 0.00	26.70 1.63 0.00	30.11 1.93 0.00	33.95 2.11 0.00	45.62 2.54 0.00	37.75 2.08 -0.05	65.62 3.66 0.00	39.03 2.20 0.00	36.75 1.74 -6.52	62.34 -0.49 -71.15	33.87 0.17 -30.87	31.41 -0.33 -37.25	27.26 -0.14 -29.81
EAST_HAMPTON___DIESEL 23722	32.29 2.71 -3.95	31.35 1.73 -12.40	30.17 2.51 -2.37	31.90 2.67 -2.25	31.72 2.86 0.00	31.72 2.86 0.00	31.70 2.99 0.65	93.60 7.82 9.46	64.08 5.20 -2.11	30.92 3.05 0.00	29.23 3.03 0.00	35.21 3.12 -5.20	27.87 2.81 0.00	31.49 3.30 0.00	35.64 3.79 0.00	62.13 4.78 -14.27	87.72 4.09 -48.01	76.60 7.20 -7.44	41.26 4.42 0.00	38.41 3.39 -6.52	61.95 -0.95 -71.22	34.06 0.33 -30.90	31.15 -0.62 -37.29	27.16 -0.27 -29.84
EAST_PULASKI___ESR 323781	24.82 -0.55 0.25	18.95 -0.37 -2.10	25.20 -0.49 -0.40	26.87 -0.50 -0.38	28.35 -0.52 0.00	28.35 -0.52 0.00	28.95 -0.41 0.00	94.35 -0.89 0.00	56.20 -0.56 0.00	27.51 -0.35 0.00	25.75 -0.44 0.00	26.37 -0.52 0.00	24.61 -0.45 0.00	27.60 -0.59 0.00	31.27 -0.58 0.00	42.44 -0.63 0.00	35.24 -0.39 -0.01	61.41 -0.54 0.00	36.49 -0.35 0.00	29.21 -0.39 -1.11	3.85 0.12 -12.05	8.02 -0.05 -5.23	0.89 0.10 -6.31	2.68 0.05 -5.04
EAST_RIVER___1 323558	31.01 1.43 -3.95	30.54 0.92 -12.40	29.00 1.34 -2.37	30.68 1.46 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.97 1.61 0.00	100.79 5.55 0.00	59.88 3.11 0.00	29.68 1.81 0.00	28.09 1.89 0.00	28.97 2.08 0.00	26.91 1.85 0.00	30.36 2.17 0.00	34.18 2.34 0.00	45.89 2.82 0.00	37.95 2.28 -0.05	65.98 4.02 0.00	39.26 2.43 0.00	36.94 1.92 -6.52	62.37 -0.53 -71.23	33.92 0.18 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.84
EAST_RIVER___2 323559	31.03 1.45 -3.95	30.54 0.93 -12.40	29.01 1.35 -2.37	30.69 1.46 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.98 1.62 0.00	100.74 5.51 0.00	59.89 3.12 0.00	29.70 1.83 0.00	28.15 1.96 0.00	29.06 2.16 0.00	27.00 1.93 0.00	30.45 2.26 0.00	34.28 2.44 0.00	46.03 2.95 0.00	38.07 2.40 -0.05	66.24 4.29 0.00	39.45 2.62 0.00	37.08 2.06 -6.52	62.34 -0.56 -71.23	33.94 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.16 -29.84
EAST___DELAWARE_HYD 23607	30.54 1.26 -3.66	29.52 0.82 -11.49	28.66 1.17 -2.19	30.34 1.27 -2.09	30.22 1.36 0.00	30.22 1.36 0.00	30.84 1.48 0.00	100.45 5.22 0.00	59.66 2.89 0.00	29.24 1.37 0.00	27.53 1.34 0.00	28.15 1.26 0.00	25.63 0.56 0.00	28.81 0.62 0.00	32.43 0.58 0.00	43.80 0.72 0.00	36.38 0.72 -0.05	63.38 1.43 0.00	37.72 0.88 0.00	35.30 0.77 -6.04	57.14 -0.42 -65.89	31.57 0.15 -28.58	28.70 -0.28 -34.49	25.07 -0.12 -27.61
EIGHT_POINT___WT_PWR 323820	26.07 -0.80 -1.25	20.40 -0.74 -3.93	25.12 -0.93 -0.75	27.05 -0.64 -0.71	28.40 -0.46 0.00	28.40 -0.46 0.00	29.08 -0.28 0.00	94.76 -0.47 0.00	57.25 0.48 0.00	29.32 0.34 -1.10	27.17 0.38 -0.59	26.99 0.09 0.00	25.26 0.19 0.00	28.29 0.10 0.00	32.19 0.35 0.00	43.54 0.47 0.00	35.67 0.03 -0.02	61.71 -0.25 0.00	36.40 -0.44 0.00	29.69 -0.87 -2.06	14.56 0.35 -22.54	12.48 -0.13 -9.78	6.58 0.30 -11.80	7.15 0.12 -9.44
ELBRIDGE_115KV_TB2 80188	26.50 0.04 -0.84	19.84 -0.01 -2.63	25.79 -0.01 -0.50	27.42 -0.04 -0.48	28.81 -0.06 0.00	28.81 -0.06 0.00	29.33 -0.03 0.00	95.05 -0.19 0.00	56.69 -0.08 0.00	27.79 -0.09 0.00	26.07 -0.12 0.00	26.73 -0.16 0.00	24.96 -0.10 0.00	28.01 -0.18 0.00	31.68 -0.16 0.00	42.86 -0.21 0.00	35.40 -0.23 -0.01	61.62 -0.33 0.00	36.66 -0.18 0.00	29.72 -0.16 -1.39	6.82 0.03 -15.11	9.38 -0.01 -6.56	2.41 0.01 -7.91	3.92 0.00 -6.33
ELEC_TRO_TEK 24086	31.38 1.80 -3.95	30.77 1.16 -12.40	29.31 1.65 -2.37	31.01 1.79 -2.25	30.77 1.91 0.00	30.77 1.91 0.00	31.08 1.88 0.16	103.05 6.02 -1.79	62.50 3.63 -2.11	29.95 2.09 0.00	28.38 2.18 0.00	34.44 2.35 -5.20	27.09 2.03 0.00	30.55 2.36 0.00	34.47 2.62 0.00	60.48 3.13 -14.27	86.15 2.52 -48.01	73.69 4.30 -7.44	39.46 2.63 0.00	37.07 2.05 -6.52	62.34 -0.56 -71.22	33.93 0.20 -30.90	31.38 -0.39 -37.29	27.26 -0.17 -29.84
ELLENBURG_WT_PWR 323604	-3.62 -2.92 26.32	16.00 -1.69 -0.48	23.38 -2.00 -0.09	24.86 -2.20 -0.09	26.44 -2.42 0.00	26.44 -2.42 0.00	27.41 -1.95 0.00	91.49 -3.74 0.00	55.92 -0.85 0.00	27.80 -0.06 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.83 -1.23 0.00	26.82 -1.36 0.00	30.34 -1.51 0.00	41.78 -1.29 0.00	34.56 -1.06 0.00	59.79 -2.17 0.00	35.55 -1.29 0.00	27.66 -1.09 -0.25	-5.27 0.34 -2.71	3.91 -0.10 -1.18	-3.66 0.44 -1.42	-1.03 0.28 -1.10
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.56 -0.13 -1.07	20.39 -0.17 -3.35	25.74 -0.20 -0.64	27.28 -0.31 -0.61	28.52 -0.35 0.00	28.52 -0.35 0.00	28.95 -0.41 0.00	93.69 -1.55 0.00	56.68 -0.08 0.00	29.89 0.08 -1.94	27.02 -0.22 -1.05	26.46 -0.43 0.00	24.90 -0.16 0.00	27.64 -0.55 0.00	31.17 -0.68 0.00	42.06 -1.01 0.00	34.30 -1.33 -0.01	59.74 -2.22 0.00	35.48 -1.36 0.00	28.79 -1.46 -1.76	11.28 0.39 -19.22	11.02 -0.15 -8.34	4.67 0.13 -10.06	5.64 0.01 -8.05
EMPIRE_CC_1 323656	30.89 0.63 -4.63	32.16 0.41 -14.53	28.68 0.61 -2.77	30.24 0.62 -2.64	29.53 0.66 0.00	29.53 0.66 0.00	29.84 0.47 0.00	96.54 1.31 0.00	57.33 0.56 0.00	28.05 0.18 0.00	26.60 0.40 0.00	27.41 0.52 0.00	25.52 0.45 0.00	28.80 0.61 0.00	32.43 0.59 0.00	43.86 0.79 0.00	36.45 0.77 -0.06	63.07 1.12 0.00	37.48 0.65 0.00	36.73 0.60 -7.64	74.94 -0.14 -83.41	39.08 0.05 -36.19	38.05 -0.09 -43.67	32.49 -0.04 -34.95

EMPIRE_CC_2 323658	30.89 0.63 -4.63	32.16 0.41 -14.53	28.68 0.61 -2.77	30.24 0.62 -2.64	29.53 0.66 0.00	29.53 0.66 0.00	29.84 0.47 0.00	96.54 1.31 0.00	57.33 0.56 0.00	28.05 0.18 0.00	26.60 0.40 0.00	27.41 0.52 0.00	25.52 0.45 0.00	28.80 0.61 0.00	32.43 0.59 0.00	43.86 0.79 0.00	36.45 0.77 -0.06	63.07 1.12 0.00	37.48 0.65 0.00	36.73 0.60 -7.64	74.94 -0.14 -83.41	39.08 0.05 -36.19	38.05 -0.09 -43.67	32.49 -0.04 -34.95
ENORWICH_115KV_TB1 80156	29.28 2.02 -1.64	23.68 1.33 -5.14	28.16 1.88 -0.98	30.02 2.11 -0.93	31.20 2.34 0.00	31.20 2.34 0.00	32.12 2.76 0.00	105.49 10.25 0.00	62.42 5.65 0.00	30.46 2.34 -0.25	28.25 1.92 -0.14	28.77 1.88 0.00	26.85 1.78 0.00	30.13 1.95 0.00	34.24 2.40 0.00	46.77 3.69 0.00	38.76 3.13 -0.02	67.89 5.94 0.00	40.19 3.35 0.00	33.46 2.26 -2.70	20.58 -0.59 -29.49	15.82 0.19 -12.79	9.58 -0.35 -15.44	9.81 -0.13 -12.36
ERIE_ST__34_KV_TB1-2 80199	27.07 0.37 -1.09	20.74 0.12 -3.41	26.21 0.26 -0.65	27.78 0.18 -0.62	29.07 0.20 0.00	29.07 0.20 0.00	29.56 0.19 0.00	95.98 0.74 0.00	58.01 1.24 0.00	30.44 0.71 -1.86	27.61 0.41 -1.00	27.10 0.21 0.00	25.50 0.43 0.00	28.32 0.13 0.00	31.98 0.14 0.00	43.07 0.00 0.00	35.12 -0.51 -0.01	61.27 -0.68 0.00	36.40 -0.44 0.00	29.54 -0.74 -1.79	11.42 0.20 -19.54	11.22 -0.09 -8.48	4.72 0.01 -10.23	5.73 -0.04 -8.19
ERIE_WT_PWR 323693	26.74 0.04 -1.08	20.53 -0.07 -3.39	25.89 -0.05 -0.65	27.47 -0.12 -0.61	28.72 -0.14 0.00	28.72 -0.14 0.00	29.19 -0.17 0.00	94.62 -0.61 0.00	57.25 0.48 0.00	30.07 0.32 -1.88	27.23 0.02 -1.02	26.71 -0.18 0.00	25.14 0.07 0.00	27.92 -0.26 0.00	31.52 -0.32 0.00	42.52 -0.55 0.00	34.64 -0.99 -0.01	60.40 -1.55 0.00	35.85 -0.99 0.00	29.10 -1.18 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.72 0.00 -8.14
ESPRGFLD_115KV_TB1 80157	26.50 1.02 0.14	17.47 0.70 0.45	26.23 1.02 0.09	28.01 1.11 0.08	30.08 1.21 0.00	30.08 1.21 0.00	30.79 1.43 0.00	100.68 5.44 0.00	60.03 3.26 0.00	29.63 1.65 -0.11	27.67 1.42 -0.06	28.20 1.31 0.00	26.26 1.20 0.00	29.40 1.21 0.00	33.19 1.34 0.00	45.16 2.09 0.00	37.31 1.70 0.00	65.00 3.05 0.00	38.65 1.81 0.00	29.51 1.25 0.24	-11.26 -0.35 2.60	1.83 0.12 1.13	-7.12 -0.24 1.36	-3.61 -0.10 1.09
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.64 0.72 -1.30	21.72 0.44 -4.07	26.71 0.64 -0.78	28.43 0.71 -0.74	29.62 0.75 0.00	29.62 0.75 0.00	30.25 0.89 0.00	98.46 3.23 0.00	58.62 1.85 0.00	28.82 0.72 -0.22	26.87 0.56 -0.12	27.41 0.52 0.00	25.61 0.54 0.00	28.76 0.57 0.00	32.58 0.74 0.00	44.16 1.08 0.00	36.52 0.89 -0.02	63.76 1.81 0.00	37.90 1.07 0.00	31.36 0.73 -2.14	14.80 -0.21 -23.33	13.02 0.07 -10.12	6.56 -0.13 -12.21	7.30 -0.06 -9.77
ETNA_____115KV_TB2 80207	27.64 0.72 -1.30	21.72 0.44 -4.07	26.71 0.64 -0.78	28.43 0.71 -0.74	29.62 0.75 0.00	29.62 0.75 0.00	30.25 0.89 0.00	98.46 3.23 0.00	58.62 1.85 0.00	28.82 0.72 -0.22	26.87 0.56 -0.12	27.41 0.52 0.00	25.61 0.54 0.00	28.76 0.57 0.00	32.58 0.74 0.00	44.16 1.08 0.00	36.52 0.89 -0.02	63.76 1.81 0.00	37.90 1.07 0.00	31.36 0.73 -2.14	14.80 -0.21 -23.33	13.02 0.07 -10.12	6.56 -0.13 -12.21	7.30 -0.06 -9.77
EUCLID__115KV_TB2 356179	25.89 -0.18 -0.45	19.43 -0.15 -2.37	25.52 -0.23 -0.45	27.17 -0.24 -0.43	28.61 -0.26 0.00	28.61 -0.26 0.00	29.09 -0.27 0.00	94.21 -1.03 0.00	56.21 -0.56 0.00	27.58 -0.28 0.00	25.89 -0.31 0.00	26.55 -0.35 0.00	24.79 -0.27 0.00	27.81 -0.38 0.00	31.45 -0.40 0.00	42.52 -0.55 0.00	35.12 -0.51 -0.01	61.17 -0.78 0.00	36.35 -0.48 0.00	29.36 -0.38 -1.24	5.36 0.09 -13.59	8.69 -0.04 -5.89	1.65 0.05 -7.11	3.29 0.02 -5.69
E_CANADA_CAP_HY 24051	32.66 0.97 -6.07	36.95 0.70 -19.04	29.96 1.04 -3.63	31.52 1.09 -3.45	30.05 1.18 0.00	30.05 1.18 0.00	30.75 1.39 0.00	100.82 5.58 0.00	59.98 3.21 0.00	29.43 1.56 0.00	27.48 1.28 0.00	28.02 1.13 0.00	26.07 1.01 0.00	29.17 0.98 0.00	32.93 1.09 0.00	45.07 2.00 0.00	37.42 1.73 -0.08	64.93 2.97 0.00	38.62 1.79 0.00	39.75 1.24 -10.01	100.61 -0.35 -109.28	50.38 0.13 -47.41	51.44 -0.25 -57.21	43.27 -0.11 -45.79
E_CANADA_MHWK_HY 24050	26.27 0.53 -0.12	17.92 0.32 -0.39	25.74 0.37 -0.07	27.43 0.37 -0.07	29.27 0.40 0.00	29.27 0.40 0.00	29.95 0.59 0.00	97.61 2.37 0.00	57.62 0.85 0.00	27.88 0.01 0.00	26.20 0.01 0.00	27.02 0.13 0.00	25.07 0.01 0.00	28.30 0.11 0.00	32.14 0.29 0.00	43.67 0.59 0.00	36.37 0.75 0.00	63.71 1.75 0.00	37.83 0.99 0.00	29.43 0.73 -0.20	-6.30 -0.18 -2.21	3.84 0.05 -0.96	-4.48 -0.11 -1.16	-1.54 -0.04 -0.93
E_FISHKILL__LBMP 23776	30.79 1.13 -4.04	30.62 0.73 -12.67	28.77 1.05 -2.42	30.41 1.13 -2.30	30.08 1.21 0.00	30.08 1.21 0.00	30.62 1.26 0.00	99.55 4.31 0.00	59.24 2.48 0.00	29.18 1.31 0.00	27.56 1.37 0.00	28.38 1.49 0.00	26.36 1.29 0.00	29.73 1.54 0.00	33.54 1.70 0.00	45.16 2.09 0.00	37.43 1.76 -0.05	65.02 3.07 0.00	38.67 1.83 0.00	36.61 1.45 -6.67	64.06 -0.40 -72.78	34.55 0.14 -31.58	32.32 -0.27 -38.10	27.96 -0.12 -30.50
FALCON__SEABRD_CC1 323796	-3.56 -2.81 26.37	16.07 -1.63 -0.48	23.48 -1.91 -0.09	25.01 -2.06 -0.09	26.58 -2.28 0.00	26.58 -2.28 0.00	27.59 -1.77 0.00	92.28 -2.96 0.00	56.42 -0.34 0.00	27.98 0.11 0.00	25.64 -0.56 0.00	25.82 -1.07 0.00	24.01 -1.06 0.00	27.05 -1.14 0.00	30.60 -1.25 0.00	42.05 -1.02 0.00	34.91 -0.71 0.00	60.55 -1.41 0.00	36.06 -0.77 0.00	28.08 -0.67 -0.25	-5.37 0.23 -2.72	3.95 -0.07 -1.18	-3.73 0.36 -1.43	-1.06 0.25 -1.10
FALCON__SEABRD_CC2 323797	-3.56 -2.81 26.37	16.07 -1.63 -0.48	23.48 -1.91 -0.09	25.01 -2.06 -0.09	26.58 -2.28 0.00	26.58 -2.28 0.00	27.59 -1.77 0.00	92.28 -2.96 0.00	56.42 -0.34 0.00	27.98 0.11 0.00	25.64 -0.56 0.00	25.82 -1.07 0.00	24.01 -1.06 0.00	27.05 -1.14 0.00	30.60 -1.25 0.00	42.05 -1.02 0.00	34.91 -0.71 0.00	60.55 -1.41 0.00	36.06 -0.77 0.00	28.08 -0.67 -0.25	-5.37 0.23 -2.72	3.95 -0.07 -1.18	-3.73 0.36 -1.43	-1.06 0.25 -1.10
FAR ROCKAWAY__4 23548	31.71 2.13 -3.95	30.98 1.37 -12.40	29.62 1.96 -2.37	31.34 2.11 -2.25	31.12 2.25 0.00	31.12 2.25 0.00	31.51 2.23 0.09	105.32 6.73 -3.36	62.91 4.04 -2.11	30.27 2.40 0.00	28.69 2.49 0.00	34.77 2.67 -5.20	27.38 2.31 0.00	30.86 2.67 0.00	34.83 2.99 0.00	60.82 3.47 -14.27	86.37 2.74 -48.01	74.12 4.73 -7.44	39.77 2.94 0.00	37.43 2.40 -6.52	62.24 -0.66 -71.22	33.97 0.24 -30.90	31.31 -0.46 -37.29	27.22 -0.20 -29.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.02 1.45 -3.95	30.55 0.93 -12.40	29.01 1.35 -2.37	30.69 1.47 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.98 1.63 0.00	100.86 5.63 0.00	59.93 3.17 0.00	29.70 1.84 0.00	28.09 1.90 0.00	28.98 2.09 0.00	26.92 1.85 0.00	30.36 2.18 0.00	34.18 2.34 0.00	45.90 2.83 0.00	37.96 2.29 -0.05	65.99 4.03 0.00	39.26 2.42 0.00	36.94 1.92 -6.52	62.37 -0.53 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.84

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.04 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.93 5.69 0.00	59.96 3.19 0.00	29.72 1.85 0.00	28.10 1.91 0.00	28.99 2.10 0.00	26.92 1.86 0.00	30.38 2.19 0.00	34.20 2.35 0.00	45.91 2.84 0.00	37.98 2.31 -0.05	66.03 4.08 0.00	39.27 2.44 0.00	36.95 1.93 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.84
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.01 1.43 -3.95	30.54 0.92 -12.40	29.00 1.34 -2.37	30.69 1.46 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.97 1.61 0.00	100.81 5.58 0.00	59.90 3.14 0.00	29.69 1.82 0.00	28.08 1.88 0.00	28.96 2.07 0.00	26.90 1.83 0.00	30.35 2.16 0.00	34.17 2.33 0.00	45.88 2.81 0.00	37.94 2.27 -0.05	65.97 4.01 0.00	39.23 2.40 0.00	36.92 1.90 -6.52	62.38 -0.52 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.15 -29.84
FARRAGUT___LBMP 323566	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.95 1.59 0.00	100.73 5.50 0.00	59.85 3.08 0.00	29.67 1.80 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.87 1.81 0.00	30.32 2.13 0.00	34.13 2.29 0.00	45.83 2.76 0.00	37.91 2.24 -0.05	65.91 3.95 0.00	39.20 2.37 0.00	36.90 1.87 -6.52	62.38 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
FENNER___WINDPWR 24204	26.31 0.33 -0.36	19.95 0.23 -2.50	26.14 0.37 -0.48	27.89 0.45 -0.45	29.36 0.49 0.00	29.36 0.49 0.00	30.02 0.66 0.00	97.88 2.64 0.00	58.32 1.55 0.00	28.49 0.62 0.00	26.68 0.48 0.00	27.32 0.43 0.00	25.47 0.41 0.00	28.60 0.41 0.00	32.38 0.54 0.00	44.00 0.93 0.00	36.44 0.81 -0.01	63.47 1.51 0.00	37.64 0.81 0.00	30.30 0.49 -1.32	5.92 -0.13 -14.37	9.11 0.04 -6.23	1.95 -0.06 -7.52	3.59 -0.02 -6.02
FIBERTEK___ENERGY 23856	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.87 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.07 0.00 0.00	35.59 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.02 -14.67	9.20 0.00 -6.36	2.15 -0.01 -7.68	3.72 -0.01 -6.15
FITZPATRICK____ 23598	25.66 -0.55 -0.60	18.69 -0.39 -1.87	25.07 -0.58 -0.36	26.70 -0.62 -0.34	28.20 -0.66 0.00	28.20 -0.66 0.00	28.65 -0.70 0.00	92.68 -2.56 0.00	55.29 -1.47 0.00	27.15 -0.72 0.00	25.49 -0.71 0.00	26.13 -0.76 0.00	24.40 -0.66 0.00	27.38 -0.81 0.00	30.94 -0.90 0.00	41.85 -1.22 0.00	34.58 -1.04 -0.01	60.18 -1.77 0.00	35.79 -1.05 0.00	28.69 -0.79 -0.98	2.62 0.21 -10.73	7.42 -0.07 -4.66	0.23 0.13 -5.62	2.13 0.05 -4.50
FLOWRFLD_69_KV_BK1 356044	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.02 1.79 -2.25	30.77 1.91 0.00	30.77 1.91 0.00	30.67 1.95 0.65	91.13 5.25 9.36	62.09 3.22 -2.11	29.93 2.06 0.00	28.41 2.22 0.00	34.47 2.38 -5.20	27.15 2.09 0.00	30.65 2.46 0.00	34.62 2.77 0.00	60.58 3.24 -14.27	86.30 2.67 -48.01	74.16 4.77 -7.44	39.78 2.94 0.00	37.28 2.26 -6.52	62.28 -0.61 -71.22	33.96 0.22 -30.90	31.35 -0.42 -37.29	27.24 -0.19 -29.84
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.09 1.48 -3.99	30.70 0.96 -12.53	29.08 1.39 -2.39	30.75 1.50 -2.27	30.45 1.59 0.00	30.45 1.59 0.00	31.05 1.69 0.00	101.12 5.89 0.00	60.14 3.37 0.00	29.57 1.70 0.00	27.90 1.70 0.00	28.70 1.81 0.00	26.64 1.57 0.00	30.05 1.87 0.00	33.94 2.10 0.00	45.75 2.67 0.00	37.93 2.26 -0.05	65.95 3.99 0.00	39.22 2.38 0.00	36.97 1.87 -6.60	63.21 -0.53 -72.06	34.28 0.18 -31.26	31.86 -0.35 -37.73	27.63 -0.15 -30.19
FORT ORANGE____ 23900	31.03 0.65 -4.76	32.58 0.43 -14.94	28.78 0.63 -2.85	30.35 0.66 -2.71	29.59 0.72 0.00	29.59 0.72 0.00	30.03 0.67 0.00	97.44 2.21 0.00	57.72 0.95 0.00	28.22 0.35 0.00	26.59 0.39 0.00	27.36 0.47 0.00	25.47 0.40 0.00	28.77 0.58 0.00	32.52 0.68 0.00	44.07 1.00 0.00	36.72 1.04 -0.06	63.73 1.78 0.00	37.87 1.04 0.00	37.21 0.86 -7.85	77.17 -0.23 -85.72	40.10 0.08 -37.19	39.23 -0.13 -44.88	33.45 -0.06 -35.92
FORT_DRUM_COGEN 23780	22.46 -1.31 1.86	18.08 -0.79 -1.66	24.68 -0.93 -0.32	26.35 -0.94 -0.30	27.88 -0.98 0.00	27.88 -0.98 0.00	28.89 -0.47 0.00	96.21 0.97 0.00	57.10 0.33 0.00	27.78 -0.09 0.00	25.82 -0.37 0.00	26.32 -0.57 0.00	24.57 -0.49 0.00	27.52 -0.67 0.00	31.35 -0.49 0.00	43.09 0.02 0.00	36.13 0.51 -0.01	63.04 1.08 0.00	37.33 0.49 0.00	29.27 -0.10 -0.87	1.32 0.13 -9.51	6.90 -0.05 -4.13	-0.34 0.20 -4.98	1.68 0.12 -3.98
FOX_HILLS___ESR 323835	31.08 1.50 -3.95	30.58 0.96 -12.40	29.06 1.39 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.70 0.00	101.10 5.87 0.00	59.96 3.19 0.00	29.74 1.87 0.00	28.12 1.93 0.00	29.00 2.11 0.00	26.93 1.87 0.00	30.39 2.20 0.00	34.21 2.37 0.00	45.88 2.81 0.00	37.97 2.30 -0.05	65.96 4.00 0.00	39.27 2.43 0.00	36.98 1.95 -6.52	62.38 -0.53 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
FPL_FAR_ROCK_GT1 24212	31.71 2.13 -3.95	30.99 1.37 -12.40	29.62 1.97 -2.37	31.34 2.11 -2.25	31.12 2.25 0.00	31.12 2.25 0.00	31.51 2.23 0.09	105.32 6.73 -3.36	62.91 4.04 -2.11	30.27 2.40 0.00	28.69 2.49 0.00	34.76 2.67 -5.20	27.38 2.31 0.00	30.86 2.67 0.00	34.83 2.99 0.00	60.82 3.47 -14.27	86.38 2.75 -48.01	74.12 4.73 -7.44	39.77 2.94 0.00	37.42 2.40 -6.52	62.24 -0.66 -71.22	33.97 0.24 -30.90	31.31 -0.46 -37.29	27.22 -0.20 -29.84
FPL_FAR_ROCK_GT2 23815	31.71 2.13 -3.95	30.99 1.37 -12.40	29.62 1.97 -2.37	31.34 2.11 -2.25	31.12 2.25 0.00	31.12 2.25 0.00	31.51 2.23 0.09	105.32 6.73 -3.36	62.91 4.04 -2.11	30.27 2.40 0.00	28.69 2.49 0.00	34.76 2.67 -5.20	27.38 2.31 0.00	30.86 2.67 0.00	34.83 2.99 0.00	60.82 3.47 -14.27	86.38 2.75 -48.01	74.12 4.73 -7.44	39.77 2.94 0.00	37.42 2.40 -6.52	62.24 -0.66 -71.22	33.97 0.24 -30.90	31.31 -0.46 -37.29	27.22 -0.20 -29.84
FRANKLIN_FALL_HYD 24054	14.80 -2.48 8.34	16.33 -1.42 -0.54	23.74 -1.65 -0.10	25.20 -1.88 -0.10	26.82 -2.05 0.00	26.82 -2.05 0.00	27.81 -1.56 0.00	92.94 -2.29 0.00	56.66 -0.11 0.00	28.14 0.28 0.00	25.69 -0.51 0.00	25.90 -0.99 0.00	24.10 -0.96 0.00	27.04 -1.14 0.00	30.55 -1.29 0.00	42.15 -0.92 0.00	34.84 -0.78 0.00	60.45 -1.51 0.00	35.96 -0.87 0.00	28.02 -0.76 -0.28	-5.06 0.25 -3.02	4.07 -0.07 -1.31	-3.57 0.36 -1.58	-0.94 0.25 -1.23
FREEPORT_EQUS_GT1 23764	31.50 1.92 -3.95	30.84 1.22 -12.40	29.42 1.76 -2.37	31.11 1.88 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	31.00 1.98 0.34	98.65 5.85 2.43	62.53 3.66 -2.11	30.05 2.18 0.00	28.47 2.27 0.00	34.52 2.43 -5.20	27.18 2.12 0.00	30.64 2.45 0.00	34.58 2.73 0.00	60.55 3.21 -14.27	86.15 2.52 -48.01	74.04 4.65 -7.44	39.64 2.81 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.35 -0.42 -37.29	27.25 -0.18 -29.84

FREEPORT___CT2 23818	31.50 1.92 -3.95	30.84 1.22 -12.40	29.42 1.76 -2.37	31.11 1.88 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	31.00 1.98 0.34	98.65 5.85 2.43	62.53 3.66 -2.11	30.05 2.18 0.00	28.47 2.27 0.00	34.52 2.43 -5.20	27.18 2.12 0.00	30.64 2.45 0.00	34.58 2.73 0.00	60.55 3.21 -14.27	86.15 2.52 -48.01	74.04 4.65 -7.44	39.64 2.81 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.35 -0.42 -37.29	27.25 -0.18 -29.84
FRESHKLS_33_KV_LOAD 356253	31.03 1.45 -3.95	30.56 0.95 -12.40	29.02 1.36 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.66 0.00	100.87 5.64 0.00	59.71 2.94 0.00	29.62 1.76 0.00	28.01 1.81 0.00	28.87 1.98 0.00	26.82 1.75 0.00	30.26 2.07 0.00	34.05 2.21 0.00	45.64 2.57 0.00	37.78 2.11 -0.05	65.64 3.69 0.00	39.09 2.25 0.00	36.86 1.84 -6.52	62.41 -0.50 -71.23	33.92 0.18 -30.90	31.42 -0.36 -37.29	27.27 -0.16 -29.85
FULTON COGEN____ 23766	25.74 -0.23 -0.35	19.28 -0.18 -2.24	25.44 -0.28 -0.43	27.10 -0.29 -0.41	28.55 -0.32 0.00	28.55 -0.32 0.00	29.04 -0.32 0.00	94.02 -1.21 0.00	56.09 -0.68 0.00	27.51 -0.35 0.00	25.84 -0.35 0.00	26.50 -0.40 0.00	24.74 -0.32 0.00	27.76 -0.43 0.00	31.39 -0.45 0.00	42.47 -0.61 0.00	35.11 -0.52 -0.01	61.12 -0.83 0.00	36.34 -0.49 0.00	29.29 -0.39 -1.18	4.65 0.09 -12.88	8.39 -0.03 -5.59	1.28 0.06 -6.74	3.00 0.02 -5.40
FULTON___LFGE 323630	33.05 1.71 -5.72	36.30 1.13 -17.95	30.40 1.68 -3.43	32.05 1.82 -3.26	30.83 1.96 0.00	30.83 1.96 0.00	31.61 2.25 0.00	102.89 7.65 0.00	59.76 3.00 0.00	28.59 0.72 0.00	26.63 0.43 0.00	27.37 0.48 0.00	25.55 0.49 0.00	28.56 0.37 0.00	32.74 0.89 0.00	46.19 3.12 0.00	38.66 2.97 -0.07	66.71 4.76 0.00	39.67 2.84 0.00	40.04 2.11 -9.44	94.07 -0.63 -103.02	47.75 0.22 -44.69	48.05 -0.37 -53.93	40.59 -0.16 -43.16
G.F.CEMENT___DRP 24184	32.29 1.74 -4.93	33.85 1.17 -15.47	30.02 1.77 -2.95	31.60 1.81 -2.81	30.80 1.93 0.00	30.80 1.93 0.00	31.37 2.01 0.00	102.61 7.37 0.00	60.99 4.22 0.00	29.56 1.70 0.00	27.76 1.56 0.00	28.42 1.53 0.00	26.42 1.36 0.00	29.84 1.65 0.00	33.88 2.04 0.00	45.79 2.72 0.00	38.01 2.33 -0.06	65.73 3.78 0.00	39.01 2.17 0.00	38.30 1.67 -8.13	79.96 -0.50 -88.78	41.51 0.16 -38.52	40.63 -0.33 -46.48	34.63 -0.15 -37.20
GARDENVILLE___LBMP 24039	26.64 -0.06 -1.08	20.46 -0.13 -3.39	25.82 -0.12 -0.65	27.39 -0.21 -0.61	28.63 -0.23 0.00	28.63 -0.23 0.00	29.08 -0.28 0.00	94.18 -1.06 0.00	56.98 0.21 0.00	29.98 0.21 -1.90	27.13 -0.08 -1.02	26.61 -0.28 0.00	25.04 -0.03 0.00	27.81 -0.38 0.00	31.37 -0.47 0.00	42.31 -0.76 0.00	34.50 -1.13 -0.01	60.11 -1.84 0.00	35.68 -1.16 0.00	28.97 -1.31 -1.78	11.46 0.36 -19.43	11.12 -0.14 -8.43	4.77 0.11 -10.17	5.73 0.00 -8.14
GARDNVLA_35_KV_LD 355827	26.75 0.05 -1.08	20.54 -0.06 -3.39	25.91 -0.03 -0.65	27.49 -0.10 -0.61	28.75 -0.12 0.00	28.75 -0.12 0.00	29.21 -0.15 0.00	94.72 -0.52 0.00	57.29 0.52 0.00	30.10 0.36 -1.87	27.26 0.05 -1.01	26.74 -0.15 0.00	25.16 0.09 0.00	27.94 -0.25 0.00	31.53 -0.32 0.00	42.54 -0.53 0.00	34.69 -0.94 -0.01	60.47 -1.49 0.00	35.90 -0.93 0.00	29.13 -1.15 -1.78	11.42 0.30 -19.44	11.14 -0.12 -8.43	4.74 0.08 -10.17	5.72 -0.01 -8.14
GELCKHM___115KV_LOAD 80723	26.04 -0.07 -0.49	19.58 -0.08 -2.45	25.63 -0.13 -0.47	27.29 -0.13 -0.44	28.72 -0.14 0.00	28.72 -0.14 0.00	29.23 -0.13 0.00	94.69 -0.55 0.00	56.49 -0.28 0.00	27.71 -0.16 0.00	26.00 -0.19 0.00	26.67 -0.22 0.00	24.90 -0.16 0.00	27.94 -0.25 0.00	31.60 -0.25 0.00	42.74 -0.33 0.00	35.30 -0.33 -0.01	61.48 -0.47 0.00	36.54 -0.29 0.00	29.54 -0.24 -1.29	5.77 0.06 -14.03	8.90 -0.02 -6.09	1.86 0.03 -7.35	3.47 0.01 -5.88
GENERAL___MILLS 23808	26.72 0.02 -1.08	20.52 -0.08 -3.39	25.88 -0.06 -0.65	27.46 -0.14 -0.61	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.53 -0.71 0.00	57.18 0.42 0.00	30.06 0.31 -1.88	27.22 0.01 -1.02	26.70 -0.19 0.00	25.12 0.05 0.00	27.90 -0.29 0.00	31.49 -0.36 0.00	42.46 -0.61 0.00	34.63 -1.00 -0.01	60.34 -1.61 0.00	35.83 -1.01 0.00	29.07 -1.20 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.73 0.00 -8.14
GE_PLASTICS___DRP 24183	30.92 0.53 -4.77	32.53 0.36 -14.96	28.67 0.52 -2.86	30.24 0.54 -2.72	29.44 0.58 0.00	29.44 0.58 0.00	29.89 0.53 0.00	96.90 1.67 0.00	57.56 0.79 0.00	28.21 0.34 0.00	26.60 0.41 0.00	27.38 0.49 0.00	25.49 0.42 0.00	28.77 0.58 0.00	32.49 0.65 0.00	43.95 0.87 0.00	36.50 0.82 -0.06	63.33 1.38 0.00	37.64 0.81 0.00	37.02 0.66 -7.87	77.37 -0.18 -85.87	40.15 0.06 -37.25	39.33 -0.11 -44.96	33.51 -0.05 -35.98
GILBOA___1 23756	30.23 0.64 -3.97	30.14 0.47 -12.45	28.29 0.61 -2.38	29.97 0.73 -2.26	29.64 0.78 0.00	29.64 0.78 0.00	30.12 0.76 0.00	97.24 2.01 0.00	57.91 1.14 0.00	28.47 0.60 0.00	26.84 0.64 0.00	27.61 0.72 0.00	25.70 0.64 0.00	28.96 0.77 0.00	32.71 0.87 0.00	44.17 1.10 0.00	36.53 0.86 -0.05	63.43 1.48 0.00	37.76 0.92 0.00	35.75 0.70 -6.55	62.97 -0.18 -71.48	33.92 0.07 -31.01	31.77 -0.14 -37.42	27.47 -0.07 -29.95
GILBOA___2 23757	30.23 0.64 -3.97	30.14 0.47 -12.45	28.29 0.61 -2.38	29.97 0.73 -2.26	29.64 0.78 0.00	29.64 0.78 0.00	30.12 0.76 0.00	97.24 2.01 0.00	57.91 1.14 0.00	28.47 0.60 0.00	26.84 0.64 0.00	27.61 0.72 0.00	25.70 0.64 0.00	28.96 0.77 0.00	32.71 0.87 0.00	44.17 1.10 0.00	36.53 0.86 -0.05	63.43 1.48 0.00	37.76 0.92 0.00	35.75 0.70 -6.55	62.97 -0.18 -71.48	33.92 0.07 -31.01	31.77 -0.14 -37.42	27.47 -0.07 -29.95
GILBOA___3 23758	30.23 0.64 -3.97	30.14 0.47 -12.45	28.29 0.61 -2.38	29.97 0.73 -2.26	29.64 0.78 0.00	29.64 0.78 0.00	30.12 0.76 0.00	97.24 2.01 0.00	57.91 1.14 0.00	28.47 0.60 0.00	26.84 0.64 0.00	27.61 0.72 0.00	25.70 0.64 0.00	28.96 0.77 0.00	32.71 0.87 0.00	44.17 1.10 0.00	36.53 0.86 -0.05	63.43 1.48 0.00	37.76 0.92 0.00	35.75 0.70 -6.55	62.97 -0.18 -71.48	33.92 0.07 -31.01	31.77 -0.14 -37.42	27.47 -0.07 -29.95
GILBOA___4 23759	30.23 0.64 -3.97	30.14 0.47 -12.45	28.29 0.61 -2.38	29.97 0.73 -2.26	29.64 0.78 0.00	29.64 0.78 0.00	30.12 0.76 0.00	97.24 2.01 0.00	57.91 1.14 0.00	28.47 0.60 0.00	26.84 0.64 0.00	27.61 0.72 0.00	25.70 0.64 0.00	28.96 0.77 0.00	32.71 0.87 0.00	44.17 1.10 0.00	36.53 0.86 -0.05	63.43 1.48 0.00	37.76 0.92 0.00	35.75 0.70 -6.55	62.97 -0.18 -71.48	33.92 0.07 -31.01	31.77 -0.14 -37.42	27.47 -0.07 -29.95
GILBOA____ 23599	30.23 0.64 -3.97	30.14 0.47 -12.45	28.28 0.61 -2.38	29.97 0.73 -2.26	29.64 0.78 0.00	29.64 0.78 0.00	30.12 0.76 0.00	97.24 2.01 0.00	57.91 1.14 0.00	28.47 0.61 0.00	26.84 0.64 0.00	27.61 0.72 0.00	25.70 0.64 0.00	28.96 0.77 0.00	32.71 0.87 0.00	44.17 1.10 0.00	36.53 0.86 -0.05	63.43 1.48 0.00	37.76 0.92 0.00	35.75 0.70 -6.55	62.97 -0.18 -71.48	33.92 0.07 -31.01	31.77 -0.14 -37.42	27.47 -0.07 -29.95

GINNA____ 23603	25.43 -1.09 -0.90	19.25 -0.78 -2.82	24.68 -1.16 -0.54	26.22 -1.28 -0.51	27.51 -1.36 0.00	27.51 -1.36 0.00	27.98 -1.38 0.00	90.74 -4.49 0.00	54.39 -2.38 0.00	25.64 -1.16 1.07	24.36 -1.26 0.58	25.46 -1.43 0.00	23.86 -1.20 0.00	26.66 -1.53 0.00	30.10 -1.75 0.00	40.82 -2.26 0.00	33.60 -2.03 -0.01	58.52 -3.43 0.00	34.74 -2.10 0.00	28.20 -1.78 -1.48	8.36 0.49 -16.19	9.68 -0.18 -7.02	3.23 0.27 -8.48	4.47 0.10 -6.79
GLEN PARK____ 23778	22.65 -1.17 1.80	18.18 -0.71 -1.67	24.79 -0.82 -0.32	26.46 -0.83 -0.30	28.00 -0.87 0.00	28.00 -0.87 0.00	29.02 -0.34 0.00	96.66 1.42 0.00	57.31 0.54 0.00	27.82 -0.05 0.00	25.83 -0.36 0.00	26.32 -0.57 0.00	24.57 -0.49 0.00	27.52 -0.67 0.00	31.38 -0.47 0.00	43.17 0.10 0.00	36.25 0.63 -0.01	63.34 1.39 0.00	37.51 0.67 0.00	29.43 0.05 -0.88	1.36 0.08 -9.60	6.96 -0.04 -4.17	-0.33 0.17 -5.02	1.71 0.11 -4.02
GLENDALDE_27_KV_LOAD 356172	31.10 1.53 -3.95	30.60 0.98 -12.40	29.08 1.42 -2.37	30.77 1.54 -2.25	30.51 1.65 0.00	30.51 1.65 0.00	31.09 1.73 0.00	101.35 6.12 0.00	60.21 3.44 0.00	29.83 1.96 0.00	28.20 2.00 0.00	29.08 2.19 0.00	27.01 1.95 0.00	30.47 2.28 0.00	34.31 2.47 0.00	46.06 2.99 0.00	38.11 2.45 -0.05	66.22 4.26 0.00	39.41 2.57 0.00	37.05 2.03 -6.52	62.35 -0.56 -71.23	33.94 0.20 -30.90	31.40 -0.38 -37.29	27.27 -0.17 -29.85
GLENWOOD_IC_1_G5 23712	31.48 1.90 -3.95	30.83 1.21 -12.40	29.40 1.74 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	31.11 1.98 0.24	101.65 6.40 -0.01	62.77 3.90 -2.11	30.09 2.22 0.00	28.49 2.30 0.00	34.56 2.47 -5.20	27.22 2.15 0.00	30.69 2.50 0.00	34.63 2.79 0.00	60.71 3.36 -14.27	86.36 2.73 -48.01	74.06 4.67 -7.44	39.65 2.82 0.00	37.22 2.20 -6.52	62.29 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
GLENWOOD_IC_2_G1 23688	31.40 1.83 -3.95	30.79 1.17 -12.40	29.35 1.69 -2.37	31.04 1.81 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	31.21 1.92 0.07	105.16 6.16 -3.76	62.61 3.73 -2.11	30.00 2.13 0.00	28.41 2.22 0.00	34.47 2.38 -5.20	27.14 2.07 0.00	30.60 2.42 0.00	34.53 2.68 0.00	60.57 3.23 -14.27	86.24 2.61 -48.01	73.87 4.48 -7.44	39.55 2.72 0.00	37.14 2.12 -6.52	62.32 -0.58 -71.22	33.94 0.21 -30.90	31.37 -0.40 -37.29	27.25 -0.17 -29.84
GLENWOOD_IC_3_G1 23689	31.40 1.83 -3.95	30.79 1.17 -12.40	29.35 1.69 -2.37	31.04 1.81 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	31.21 1.92 0.07	105.16 6.16 -3.76	62.61 3.73 -2.11	30.00 2.13 0.00	28.41 2.22 0.00	34.47 2.38 -5.20	27.14 2.07 0.00	30.60 2.42 0.00	34.53 2.68 0.00	60.57 3.23 -14.27	86.24 2.61 -48.01	73.87 4.48 -7.44	39.55 2.72 0.00	37.14 2.12 -6.52	62.32 -0.58 -71.22	33.94 0.21 -30.90	31.37 -0.40 -37.29	27.25 -0.17 -29.84
GLENWOOD____4 23550	31.48 1.90 -3.95	30.83 1.21 -12.40	29.40 1.74 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	31.11 1.98 0.24	101.65 6.40 -0.01	62.77 3.90 -2.11	30.09 2.22 0.00	28.49 2.30 0.00	34.56 2.47 -5.20	27.22 2.15 0.00	30.69 2.50 0.00	34.63 2.79 0.00	60.71 3.36 -14.27	86.36 2.73 -48.01	74.06 4.67 -7.44	39.65 2.82 0.00	37.22 2.20 -6.52	62.29 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
GLENWOOD____5 23614	31.48 1.90 -3.95	30.83 1.21 -12.40	29.40 1.74 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	31.11 1.98 0.24	101.65 6.40 -0.01	62.77 3.90 -2.11	30.09 2.22 0.00	28.49 2.30 0.00	34.56 2.47 -5.20	27.22 2.15 0.00	30.69 2.50 0.00	34.63 2.79 0.00	60.71 3.36 -14.27	86.36 2.73 -48.01	74.06 4.67 -7.44	39.65 2.82 0.00	37.22 2.20 -6.52	62.29 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
GLOBAL GREEN_PORT_GT1 23814	32.22 2.64 -3.95	31.31 1.69 -12.40	30.10 2.44 -2.37	31.83 2.60 -2.25	31.66 2.80 0.00	31.66 2.80 0.00	31.63 2.92 0.65	93.42 7.64 9.46	63.92 5.05 -2.11	30.83 2.97 0.00	29.15 2.96 0.00	35.15 3.06 -5.20	27.81 2.74 0.00	31.42 3.23 0.00	35.56 3.72 0.00	62.01 4.66 -14.27	87.62 4.00 -48.01	76.47 7.08 -7.44	41.16 4.32 0.00	38.32 3.30 -6.52	61.98 -0.92 -71.22	34.06 0.32 -30.90	31.17 -0.60 -37.29	27.16 -0.26 -29.84
GLOBE____DSASP 323697	25.90 -0.76 -1.03	19.85 -0.61 -3.25	25.05 -0.87 -0.62	26.55 -1.02 -0.59	27.74 -1.13 0.00	27.74 -1.13 0.00	28.01 -1.35 0.00	89.63 -5.61 0.00	54.35 -2.42 0.00	28.87 -1.03 -2.04	25.98 -1.32 -1.10	25.32 -1.57 0.00	23.86 -1.20 0.00	26.42 -1.77 0.00	29.75 -2.10 0.00	40.17 -2.90 0.00	32.80 -2.82 -0.01	57.04 -4.91 0.00	33.94 -2.90 0.00	27.57 -2.63 -1.71	11.01 0.71 -18.62	10.65 -0.26 -8.08	4.53 0.30 -9.75	5.44 0.05 -7.80
GOETHSLN____LBMP 323567	30.88 1.31 -3.95	30.46 0.84 -12.40	28.87 1.21 -2.37	30.55 1.32 -2.25	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.26 5.03 0.00	59.53 2.77 0.00	29.52 1.66 0.00	27.93 1.74 0.00	28.81 1.91 0.00	26.76 1.69 0.00	30.19 2.00 0.00	33.97 2.13 0.00	45.58 2.51 0.00	37.69 2.02 -0.05	65.53 3.58 0.00	39.00 2.16 0.00	36.75 1.73 -6.52	62.43 -0.48 -71.23	33.91 0.17 -30.90	31.44 -0.33 -37.29	27.28 -0.14 -29.84
GOLAH____69_KV_TB 1_2 80279	27.21 0.65 -0.94	20.52 0.37 -2.94	26.42 0.57 -0.56	28.01 0.50 -0.53	29.38 0.52 0.00	29.38 0.52 0.00	29.97 0.61 0.00	97.58 2.35 0.00	58.66 1.90 0.00	28.82 0.82 -0.14	26.62 0.36 -0.07	27.04 0.14 0.00	25.41 0.34 0.00	28.28 0.09 0.00	31.95 0.11 0.00	43.36 0.28 0.00	35.74 0.11 -0.01	62.51 0.55 0.00	37.18 0.35 0.00	30.00 -0.04 -1.55	8.53 -0.02 -16.87	10.14 -0.01 -7.32	3.23 -0.09 -8.83	4.58 -0.08 -7.07
GOODYEAR_LAKE_HYD 323669	28.09 1.03 -1.44	22.41 0.69 -4.50	27.13 0.97 -0.86	28.90 1.10 -0.82	30.05 1.18 0.00	30.05 1.18 0.00	30.69 1.33 0.00	99.92 4.68 0.00	59.54 2.77 0.00	29.42 1.39 -0.16	27.54 1.26 -0.09	28.13 1.24 0.00	26.20 1.14 0.00	29.41 1.22 0.00	33.23 1.39 0.00	44.99 1.91 0.00	37.15 1.52 -0.02	64.74 2.79 0.00	38.50 1.66 0.00	32.06 1.19 -2.37	17.19 -0.33 -25.85	14.16 0.12 -11.21	7.79 -0.22 -13.53	8.31 -0.10 -10.83
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.84 0.49 -1.72	22.89 0.27 -5.41	26.71 0.38 -1.03	28.41 0.44 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.93 0.56 0.00	97.16 1.93 0.00	58.01 1.24 0.00	28.78 0.54 -0.38	26.89 0.49 -0.20	27.41 0.52 0.00	25.58 0.52 0.00	28.72 0.53 0.00	32.51 0.66 0.00	43.82 0.75 0.00	36.06 0.42 -0.02	62.89 0.94 0.00	37.39 0.55 0.00	31.67 0.33 -2.84	22.61 -0.09 -31.03	16.32 0.03 -13.46	10.64 -0.08 -16.24	10.54 -0.04 -13.00
GOUDEY____7 23579	27.86 0.52 -1.72	22.90 0.28 -5.41	26.73 0.40 -1.03	28.43 0.46 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.94 0.57 0.00	97.26 2.02 0.00	58.07 1.30 0.00	28.81 0.57 -0.38	26.92 0.52 -0.20	27.43 0.55 0.00	25.61 0.54 0.00	28.74 0.55 0.00	32.54 0.70 0.00	43.86 0.79 0.00	36.10 0.46 -0.02	62.96 1.01 0.00	37.42 0.59 0.00	31.69 0.36 -2.84	22.60 -0.10 -31.03	16.32 0.03 -13.46	10.64 -0.09 -16.24	10.54 -0.04 -13.00

GOUDEY___8 23580	27.84 0.49 -1.72	22.89 0.27 -5.41	26.71 0.38 -1.03	28.41 0.44 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.93 0.56 0.00	97.16 1.93 0.00	58.01 1.24 0.00	28.78 0.54 -0.38	26.89 0.49 -0.20	27.41 0.52 0.00	25.58 0.52 0.00	28.72 0.53 0.00	32.51 0.66 0.00	43.82 0.75 0.00	36.06 0.42 -0.02	62.89 0.94 0.00	37.39 0.55 0.00	31.67 0.33 -2.84	22.61 -0.09 -31.03	16.32 0.03 -13.46	10.64 -0.08 -16.24	10.54 -0.04 -13.00
GOWANUS_GT1_1 24077	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT1_2 24078	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT1_3 24079	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT1_4 24080	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT1_5 24084	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT1_6 24111	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT1_7 24112	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 																				

GOWANUS_GT2_7 24120	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.17 5.93 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.95 1.88 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT2_8 24121	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.17 5.93 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.95 1.88 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT3_1 24122	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT3_2 24123	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT3_3 24124	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT3_4 24125	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT3_5 24126	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT3_6 24127	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52																				

GOWANUS_GT4_6 24135	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.95 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT4_7 24136	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.95 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GOWANUS_GT4_8 24137	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.95 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GREENBSH_115KV_TB3 55895	30.83 0.42 -4.79	32.50 0.27 -15.01	28.57 0.41 -2.87	30.13 0.42 -2.72	29.33 0.46 0.00	29.33 0.46 0.00	29.74 0.38 0.00	96.46 1.22 0.00	57.27 0.50 0.00	28.04 0.17 0.00	26.46 0.26 0.00	27.24 0.35 0.00	25.36 0.29 0.00	28.63 0.44 0.00	32.34 0.50 0.00	43.76 0.69 0.00	36.37 0.69 -0.06	63.05 1.10 0.00	37.47 0.64 0.00	36.94 0.54 -7.89	77.70 -0.14 -86.17	40.27 0.05 -37.38	39.51 -0.08 -45.11	33.65 -0.04 -36.10
GREENDGE_115KV_TB5 80291	27.28 0.47 -1.19	21.14 0.21 -3.72	26.35 0.35 -0.71	28.10 0.44 -0.68	29.36 0.49 0.00	29.36 0.49 0.00	30.02 0.65 0.00	97.50 2.27 0.00	58.07 1.30 0.00	28.94 0.65 -0.42	26.97 0.55 -0.22	27.34 0.45 0.00	25.59 0.52 0.00	28.66 0.47 0.00	32.50 0.65 0.00	43.83 0.76 0.00	36.18 0.55 -0.02	62.68 0.72 0.00	37.25 0.41 0.00	30.67 0.22 -1.96	12.98 -0.07 -21.37	12.12 0.01 -9.27	5.62 -0.05 -11.19	6.51 -0.03 -8.96
GREENIDGE___3 23582	27.28 0.47 -1.19	21.14 0.21 -3.72	26.35 0.35 -0.71	28.10 0.44 -0.68	29.36 0.49 0.00	29.36 0.49 0.00	30.02 0.65 0.00	97.50 2.27 0.00	58.07 1.30 0.00	28.94 0.65 -0.42	26.97 0.55 -0.22	27.34 0.45 0.00	25.59 0.52 0.00	28.66 0.47 0.00	32.50 0.65 0.00	43.83 0.76 0.00	36.18 0.55 -0.02	62.68 0.72 0.00	37.25 0.41 0.00	30.67 0.22 -1.96	12.98 -0.07 -21.37	12.12 0.01 -9.27	5.62 -0.05 -11.19	6.51 -0.03 -8.96
GREENIDGE___4 23583	27.28 0.47 -1.19	21.14 0.21 -3.72	26.34 0.34 -0.71	28.10 0.44 -0.68	29.36 0.49 0.00	29.36 0.49 0.00	30.02 0.65 0.00	97.51 2.27 0.00	58.07 1.30 0.00	28.94 0.65 -0.42	26.97 0.55 -0.22	27.34 0.44 0.00	25.59 0.52 0.00	28.66 0.47 0.00	32.50 0.66 0.00	43.84 0.76 0.00	36.18 0.55 -0.02	62.68 0.73 0.00	37.24 0.41 0.00	30.68 0.22 -1.96	12.98 -0.07 -21.37	12.12 0.01 -9.27	5.62 -0.05 -11.19	6.51 -0.03 -8.96
GREENLWN_69_KV_BK 3 55738	31.07 1.50 -3.95	30.61 0.99 -12.40	29.08 1.42 -2.37	30.74 1.51 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	30.32 1.60 0.63	91.07 4.89 9.05	61.72 2.84 -2.11	29.66 1.79 0.00	28.11 1.91 0.00	34.18 2.09 -5.20	26.88 1.82 0.00	30.33 2.14 0.00	34.21 2.37 0.00	60.14 2.79 -14.27	85.96 2.33 -48.01	73.37 3.98 -7.44	39.27 2.44 0.00	36.91 1.89 -6.52	62.38 -0.51 -71.22	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.84
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
GRISSOM___SOLAR 323813	33.05 1.71 -5.72	36.30 1.13 -17.95	30.40 1.68 -3.43	32.05 1.82 -3.26	30.83 1.96 0.00	30.83 1.96 0.00	31.61 2.25 0.00	102.89 7.65 0.00	59.76 3.00 0.00	28.59 0.72 0.00	26.63 0.43 0.00	27.37 0.48 0.00	25.55 0.49 0.00	28.56 0.37 0.00	32.74 0.89 0.00	46.19 3.12 0.00	38.66 2.97 -0.07	66.71 4.76 0.00	39.67 2.84 0.00	40.04 2.11 -9.44	94.07 -0.63 -103.02	47.75 0.22 -44.69	48.05 -0.37 -53.93	40.59 -0.16 -43.16
GROVEVILLE___HYD 323602	31.09 1.48 -3.99	30.70 0.96 -12.53	29.08 1.39 -2.39	30.75 1.50 -2.27	30.45 1.59 0.00	30.45 1.59 0.00	31.05 1.69 0.00	101.12 5.89 0.00	60.14 3.37 0.00	29.57 1.70 0.00	27.90 1.70 0.00	28.70 1.81 0.00	26.64 1.57 0.00	30.05 1.87 0.00	33.94 2.10 0.00	45.75 2.67 0.00	37.93 2.26 -0.05	65.95 3.99 0.00	39.22 2.38 0.00	36.97 1.87 -6.60	63.21 -0.53 -72.06	34.28 0.18 -31.26	31.86 -0.35 -37.73	27.63 -0.15 -30.19
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.87 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.07 0.00 0.00	35.59 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.02 -14.67	9.20 0.00 -6.36	2.15 -0.01 -7.68	3.72 -0.01 -6.15
HAMLTNNY_34_KV_TB 80303	26.68 0.22 -0.84	19.97 0.11 -2.64	25.96 0.17 -0.50	27.63 0.17 -0.48	29.04 0.17 0.00	29.04 0.17 0.00	29.58 0.22 0.00	95.91 0.67 0.00	57.21 0.44 0.00	28.02 0.14 0.00	26.28 0.09 0.00	26.93 0.04 0.00	25.15 0.08 0.00	28.23 0.04 0.00	31.94 0.09 0.00	43.20 0.13 0.00	35.69 0.06 -0.01	62.18 0.23 0.00	36.97 0.14 0.00	29.95 0.07 -1.39	6.78 -0.04 -15.14	9.41 0.01 -6.57	2.38 -0.03 -7.92	3.91 -0.02 -6.34
HAMPSHIRE___PAPER_HYD 323593	16.18 -1.99 7.45	16.90 -1.17 -0.86	23.97 -1.49 -0.16	25.46 -1.68 -0.16	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.33 0.00	93.25 -1.98 0.00	56.07 -0.70 0.00	27.60 -0.26 0.00	25.47 -0.73 0.00	25.87 -1.02 0.00	24.12 -0.94 0.00	26.99 -1.20 0.00	30.54 -1.29 0.00	42.04 -1.03 0.00	35.01 -0.61 0.00	60.74 -1.22 0.00	36.09 -0.75 0.00	28.15 -0.80 -0.45	-3.12 0.31 -4.89	4.86 -0.10 -2.12	-2.62 0.34 -2.56	-0.19 0.20 -2.03
HARDSCRABBLE_WT_PWR 323673	26.12 0.38 -0.12	17.83 0.23 -0.39	25.60 0.23 -0.07	27.25 0.20 -0.07	29.10 0.23 0.00	29.10 0.23 0.00	29.80 0.44 0.00	97.27 2.03 0.00	57.52 0.75 0.00	27.94 0.07 0.00	26.27 0.07 0.00	27.06 0.17 0.00	25.13 0.06 0.00	28.33 0.14 0.00	32.14 0.30 0.00	43.63 0.56 0.00	36.28 0.66 0.00	63.46 1.51 0.00	37.65 0.82 0.00	29.27 0.57 -0.20	-6.24 -0.13 -2.21	3.82 0.03 -0.96	-4.45 -0.08 -1.16	-1.52 -0.03 -0.93

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.71 1.33 -3.75	29.86 0.87 -11.77	28.80 1.26 -2.25	30.47 1.36 -2.14	30.31 1.44 0.00	30.31 1.44 0.00	30.88 1.52 0.00	100.45 5.22 0.00	59.75 2.99 0.00	29.45 1.59 0.00	27.82 1.63 0.00	28.64 1.75 0.00	26.62 1.55 0.00	30.03 1.84 0.00	33.89 2.05 0.00	45.62 2.54 0.00	37.74 2.07 -0.05	65.63 3.68 0.00	39.04 2.20 0.00	36.42 1.74 -6.19	58.77 -0.49 -67.58	32.32 0.17 -29.32	29.54 -0.32 -35.38	25.76 -0.14 -28.32
HARSNRAD_115KV_TB1 81005	26.34 -0.32 -1.04	20.17 -0.30 -3.25	25.51 -0.41 -0.62	27.01 -0.56 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.67 -0.70 0.00	92.50 -2.74 0.00	56.02 -0.75 0.00	29.44 -0.21 -1.78	26.56 -0.59 -0.96	26.03 -0.86 0.00	24.52 -0.54 0.00	27.18 -1.01 0.00	30.63 -1.21 0.00	41.39 -1.69 0.00	33.82 -1.81 -0.01	58.93 -3.02 0.00	35.04 -1.80 0.00	28.40 -1.81 -1.71	10.81 0.47 -18.66	10.75 -0.19 -8.09	4.42 0.17 -9.77	5.42 0.02 -7.82
HARZA MOOSE__RIVER 24016	23.12 -0.67 1.82	17.78 -0.37 -0.94	25.04 -0.44 -0.18	26.75 -0.40 -0.17	28.46 -0.40 0.00	28.46 -0.40 0.00	29.33 -0.03 0.00	96.63 1.39 0.00	57.62 0.86 0.00	28.19 0.33 0.00	26.33 0.14 0.00	26.90 0.01 0.00	25.07 0.00 0.00	28.13 -0.06 0.00	31.90 0.06 0.00	43.57 0.49 0.00	36.22 0.60 0.00	63.00 1.04 0.00	37.38 0.55 0.00	29.16 0.17 -0.49	-2.91 0.03 -5.38	5.15 -0.01 -2.34	-2.60 0.10 -2.82	-0.11 0.06 -2.25
HDSNBRDG_115KV_BRDG_TB1 355580	26.06 -0.04 -0.48	19.58 -0.07 -2.43	25.65 -0.10 -0.46	27.32 -0.11 -0.44	28.75 -0.12 0.00	28.75 -0.12 0.00	29.26 -0.11 0.00	94.79 -0.44 0.00	56.57 -0.20 0.00	27.74 -0.13 0.00	26.04 -0.16 0.00	26.70 -0.19 0.00	24.93 -0.13 0.00	27.97 -0.21 0.00	31.64 -0.20 0.00	42.79 -0.29 0.00	35.33 -0.30 -0.01	61.52 -0.44 0.00	36.57 -0.26 0.00	29.55 -0.22 -1.28	5.66 0.05 -13.93	8.86 -0.02 -6.04	1.80 0.02 -7.29	3.43 0.01 -5.84
HELLGATE_13_KV_LD 55870	30.98 1.41 -3.95	30.53 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.97 1.61 0.00	100.89 5.65 0.00	59.93 3.16 0.00	29.67 1.80 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.12 2.28 0.00	45.81 2.73 0.00	37.92 2.25 -0.05	65.90 3.94 0.00	39.20 2.37 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.27 -0.15 -29.85
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.98 1.41 -3.95	30.53 0.91 -12.40	28.97 1.31 -2.37	30.66 1.42 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.97 1.61 0.00	100.89 5.65 0.00	59.93 3.16 0.00	29.67 1.80 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.12 2.28 0.00	45.81 2.73 0.00	37.92 2.25 -0.05	65.90 3.94 0.00	39.20 2.37 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.27 -0.15 -29.85
HEMPSTEAD____ 23647	31.35 1.78 -3.95	30.75 1.13 -12.40	29.28 1.62 -2.37	30.97 1.74 -2.25	30.71 1.85 0.00	30.71 1.85 0.00	30.87 1.83 0.31	99.24 5.76 1.76	62.40 3.52 -2.11	29.94 2.07 0.00	28.36 2.16 0.00	34.41 2.32 -5.20	27.08 2.02 0.00	30.54 2.35 0.00	34.46 2.62 0.00	60.47 3.12 -14.27	86.14 2.51 -48.01	73.74 4.34 -7.44	39.45 2.62 0.00	37.05 2.04 -6.52	62.34 -0.55 -71.22	33.93 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.17 -29.84
HEWLETT__69_KV_BK3 55828	31.59 2.02 -3.95	30.91 1.29 -12.40	29.51 1.85 -2.37	31.23 2.00 -2.25	31.00 2.14 0.00	31.00 2.14 0.00	31.38 2.11 0.09	105.04 6.45 -3.36	62.75 3.88 -2.11	30.14 2.28 0.00	28.56 2.37 0.00	34.65 2.56 -5.20	27.26 2.20 0.00	30.74 2.55 0.00	34.68 2.84 0.00	60.67 3.32 -14.27	86.27 2.64 -48.01	73.93 4.54 -7.44	39.65 2.81 0.00	37.28 2.26 -6.52	62.28 -0.62 -71.22	33.96 0.22 -30.90	31.33 -0.44 -37.29	27.24 -0.19 -29.84
HICKLING____1 23621	27.53 0.46 -1.44	21.88 0.15 -4.51	26.44 0.28 -0.86	28.19 0.39 -0.82	29.24 0.38 0.00	29.24 0.38 0.00	29.98 0.62 0.00	97.77 2.53 0.00	58.58 1.81 0.00	29.37 0.76 -0.74	27.31 0.72 -0.40	27.63 0.73 0.00	25.85 0.79 0.00	28.94 0.75 0.00	32.84 1.00 0.00	44.10 1.03 0.00	36.07 0.44 -0.02	62.97 1.01 0.00	37.34 0.50 0.00	30.99 0.12 -2.37	17.59 -0.01 -25.91	14.06 -0.01 -11.24	8.01 -0.04 -13.57	8.41 -0.03 -10.86
HICKLING____2 23622	27.53 0.46 -1.44	21.88 0.15 -4.51	26.44 0.28 -0.86	28.19 0.39 -0.82	29.24 0.38 0.00	29.24 0.38 0.00	29.98 0.62 0.00	97.77 2.53 0.00	58.58 1.81 0.00	29.37 0.76 -0.74	27.31 0.72 -0.40	27.63 0.73 0.00	25.85 0.79 0.00	28.94 0.75 0.00	32.84 1.00 0.00	44.10 1.03 0.00	36.07 0.44 -0.02	62.97 1.01 0.00	37.34 0.50 0.00	30.99 0.12 -2.37	17.59 -0.01 -25.91	14.06 -0.01 -11.24	8.01 -0.04 -13.57	8.41 -0.03 -10.86
HIGH FALLS____HY 23754	31.06 1.44 -4.01	30.73 0.94 -12.58	29.04 1.34 -2.40	30.73 1.47 -2.28	30.42 1.56 0.00	30.42 1.56 0.00	31.05 1.69 0.00	101.13 5.90 0.00	60.13 3.37 0.00	29.50 1.64 0.00	27.81 1.62 0.00	28.50 1.61 0.00	26.31 1.24 0.00	29.66 1.47 0.00	33.53 1.69 0.00	45.22 2.15 0.00	37.52 1.85 -0.05	65.37 3.41 0.00	38.92 2.09 0.00	36.75 1.65 -6.60	63.20 -0.53 -72.05	34.28 0.19 -31.26	31.85 -0.35 -37.72	27.62 -0.15 -30.19
HILLBURN____GT 23639	30.76 1.34 -3.80	30.00 0.88 -11.91	28.83 1.26 -2.27	30.51 1.37 -2.16	30.34 1.47 0.00	30.34 1.47 0.00	30.89 1.53 0.00	100.43 5.19 0.00	59.74 2.97 0.00	29.49 1.62 0.00	27.90 1.70 0.00	28.73 1.84 0.00	26.69 1.63 0.00	30.12 1.93 0.00	33.96 2.12 0.00	45.61 2.54 0.00	37.71 2.04 -0.05	65.56 3.60 0.00	38.98 2.15 0.00	36.47 1.71 -6.26	59.56 -0.49 -68.36	32.66 0.17 -29.66	29.95 -0.32 -35.79	26.08 -0.14 -28.64
HILLSIDE_115KV_TB1 80332	27.45 0.33 -1.49	21.94 0.05 -4.67	26.30 0.11 -0.89	28.00 0.17 -0.85	28.98 0.12 0.00	28.98 0.12 0.00	29.68 0.33 0.00	96.65 1.41 0.00	57.91 1.15 0.00	28.97 0.40 -0.70	26.99 0.42 -0.38	27.40 0.51 0.00	25.63 0.57 0.00	28.70 0.51 0.00	32.57 0.72 0.00	43.58 0.51 0.00	35.55 -0.09 -0.02	62.13 0.18 0.00	36.90 0.06 0.00	30.81 -0.14 -2.46	18.56 0.07 -26.82	14.44 -0.03 -11.64	8.51 -0.02 -14.04	8.81 -0.02 -11.24
HISHELDN_WT_PWR 323625	26.31 -0.45 -1.14	20.40 -0.37 -3.56	25.56 -0.41 -0.68	27.22 -0.41 -0.65	28.43 -0.43 0.00	28.43 -0.43 0.00	28.93 -0.42 0.00	93.93 -1.31 0.00	56.79 0.03 0.00	29.68 0.10 -1.71	27.01 -0.11 -0.92	26.57 -0.32 0.00	24.98 -0.08 0.00	27.82 -0.37 0.00	31.44 -0.40 0.00	42.43 -0.64 0.00	34.64 -0.99 -0.02	60.26 -1.70 0.00	35.67 -1.17 0.00	29.00 -1.37 -1.87	12.53 0.40 -20.45	11.54 -0.17 -8.87	5.39 0.21 -10.71	6.20 0.05 -8.57
HOLTSVILLE_IC_1 23690	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.03 1.79 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.67 1.96 0.65	90.80 5.05 9.49	62.09 3.22 -2.11	29.95 2.08 0.00	28.38 2.19 0.00	34.41 2.32 -5.20	27.11 2.04 0.00	30.60 2.41 0.00	34.55 2.71 0.00	60.53 3.18 -14.27	86.27 2.64 -48.01	73.99 4.59 -7.44	39.67 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84

HOLTSVILLE_IC_10 23699	31.53 1.96 -3.95	30.86 1.24 -12.40	29.43 1.77 -2.37	31.13 1.89 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	30.80 2.08 0.65	91.18 5.28 9.34	62.21 3.34 -2.11	30.07 2.20 0.00	28.50 2.31 0.00	34.53 2.44 -5.20	27.21 2.15 0.00	30.72 2.53 0.00	34.71 2.86 0.00	60.75 3.41 -14.27	86.46 2.83 -48.01	74.23 4.84 -7.44	39.88 3.05 0.00	37.38 2.35 -6.52	62.25 -0.64 -71.22	33.96 0.23 -30.90	31.33 -0.44 -37.29	27.23 -0.19 -29.84
HOLTSVILLE_IC_2 23691	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.03 1.79 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.67 1.96 0.65	90.80 5.05 9.49	62.09 3.22 -2.11	29.95 2.08 0.00	28.38 2.19 0.00	34.41 2.32 -5.20	27.11 2.04 0.00	30.60 2.41 0.00	34.55 2.71 0.00	60.53 3.18 -14.27	86.27 2.64 -48.01	73.99 4.59 -7.44	39.67 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
HOLTSVILLE_IC_3 23692	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.03 1.79 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.67 1.96 0.65	90.80 5.05 9.49	62.09 3.22 -2.11	29.95 2.08 0.00	28.38 2.19 0.00	34.41 2.32 -5.20	27.11 2.04 0.00	30.60 2.41 0.00	34.55 2.71 0.00	60.53 3.18 -14.27	86.27 2.64 -48.01	73.99 4.59 -7.44	39.67 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
HOLTSVILLE_IC_4 23693	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.03 1.79 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.67 1.96 0.65	90.80 5.05 9.49	62.09 3.22 -2.11	29.95 2.08 0.00	28.38 2.19 0.00	34.41 2.32 -5.20	27.11 2.04 0.00	30.60 2.41 0.00	34.55 2.71 0.00	60.53 3.18 -14.27	86.27 2.64 -48.01	73.99 4.59 -7.44	39.67 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
HOLTSVILLE_IC_5 23694	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.03 1.79 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.67 1.96 0.65	90.80 5.05 9.49	62.09 3.22 -2.11	29.95 2.08 0.00	28.38 2.19 0.00	34.41 2.32 -5.20	27.11 2.04 0.00	30.60 2.41 0.00	34.55 2.71 0.00	60.53 3.18 -14.27	86.27 2.64 -48.01	73.99 4.59 -7.44	39.67 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
HOLTSVILLE_IC_6 23695	31.53 1.96 -3.95	30.86 1.24 -12.40	29.43 1.77 -2.37	31.13 1.89 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	30.80 2.08 0.65	91.18 5.28 9.34	62.21 3.34 -2.11	30.07 2.20 0.00	28.50 2.31 0.00	34.53 2.44 -5.20	27.21 2.15 0.00	30.72 2.53 0.00	34.71 2.86 0.00	60.75 3.41 -14.27	86.46 2.83 -48.01	74.23 4.84 -7.44	39.88 3.05 0.00	37.38 2.35 -6.52	62.25 -0.64 -71.22	33.96 0.23 -30.90	31.33 -0.44 -37.29	27.23 -0.19 -29.84
HOLTSVILLE_IC_7 23696	31.53 1.96 -3.95	30.86 1.24 -12.40	29.43 1.77 -2.37	31.13 1.89 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	30.80 2.08 0.65	91.18 5.28 9.34	62.21 3.34 -2.11	30.07 2.20 0.00	28.50 2.31 0.00	34.53 2.44 -5.20	27.21 2.15 0.00	30.72 2.53 0.00	34.71 2.86 0.00	60.75 3.41 -14.27	86.46 2.83 -48.01	74.23 4.84 -7.44	39.88 3.05 0.00	37.38 2.35 -6.52	62.25 -0.64 -71.22	33.96 0.23 -30.90	31.33 -0.44 -37.29	27.23 -0.19 -29.84
HOLTSVILLE_IC_8 23697	31.53 1.96 -3.95	30.86 1.24 -12.40	29.43 1.77 -2.37	31.13 1.89 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	30.80 2.08 0.65	91.18 5.28 9.34	62.21 3.34 -2.11	30.07 2.20 0.00	28.50 2.31 0.00	34.53 2.44 -5.20	27.21 2.15 0.00	30.72 2.53 0.00	34.71 2.86 0.00	60.75 3.41 -14.27	86.46 2.83 -48.01	74.23 4.84 -7.44	39.88 3.05 0.00	37.38 2.35 -6.52	62.25 -0.64 -71.22	33.96 0.23 -30.90	31.33 -0.44 -37.29	27.23 -0.19 -29.84
HOLTSVILLE_IC_9 23698	31.53 1.96 -3.95	30.86 1.24 -12.40	29.43 1.77 -2.37	31.13 1.89 -2.25	30.89 2.02 0.00	30.89 2.02 0.00	30.80 2.08 0.65	91.18 5.28 9.34	62.21 3.34 -2.11	30.07 2.20 0.00	28.50 2.31 0.00	34.53 2.44 -5.20	27.21 2.15 0.00	30.72 2.53 0.00	34.71 2.86 0.00	60.75 3.41 -14.27	86.46 2.83 -48.01	74.23 4.84 -7.44	39.88 3.05 0.00	37.38 2.35 -6.52	62.25 -0.64 -71.22	33.96 0.23 -30.90	31.33 -0.44 -37.29	27.23 -0.19 -29.84
HOMER_HL_115KV_TB2 355744	27.85 1.09 -1.14	21.36 0.59 -3.56	27.00 1.03 -0.68	28.70 1.07 -0.65	30.08 1.21 0.00	30.08 1.21 0.00	30.50 1.13 0.00	98.81 3.58 0.00	59.53 2.76 0.00	31.00 1.38 -1.76	28.42 1.28 -0.95	28.09 1.20 0.00	26.42 1.36 0.00	29.43 1.24 0.00	33.26 1.43 0.00	44.52 1.44 0.00	36.04 0.41 -0.02	62.90 0.95 0.00	37.35 0.51 0.00	30.51 0.14 -1.87	12.05 -0.04 -20.42	11.69 -0.01 -8.86	5.03 -0.15 -10.69	6.04 -0.10 -8.56
HOWARD_WT_PWR 323690	26.11 -0.77 -1.26	20.45 -0.71 -3.95	25.14 -0.91 -0.75	27.09 -0.61 -0.72	28.46 -0.40 0.00	28.46 -0.40 0.00	29.14 -0.22 0.00	94.96 -0.27 0.00	57.36 0.59 0.00	29.29 0.39 -1.04	27.17 0.42 -0.56	27.03 0.14 0.00	25.29 0.22 0.00	28.32 0.13 0.00	32.23 0.39 0.00	43.61 0.54 0.00	35.74 0.11 -0.02	61.81 -0.15 0.00	36.47 -0.37 0.00	29.77 -0.81 -2.08	14.67 0.33 -22.66	12.54 -0.13 -9.83	6.64 0.30 -11.87	7.20 0.12 -9.50
HQ_GEN_CEDARS 23644	9.16 -2.23 14.22	16.48 -1.26 -0.53	23.76 -1.63 -0.10	25.04 -2.04 -0.10	26.67 -2.19 0.00	26.67 -2.19 0.00	27.53 -1.83 0.00	91.33 -3.91 0.00	55.46 -1.30 0.00	27.57 -0.30 0.00	25.20 -1.00 0.00	25.51 -1.38 0.00	23.81 -1.26 0.00	26.56 -1.63 0.00	29.89 -1.95 0.00	41.24 -1.83 0.00	34.23 -1.39 0.00	59.18 -2.77 0.00	35.25 -1.58 0.00	27.53 -1.24 -0.27	-4.96 0.37 -2.99	4.02 -0.11 -1.30	-3.57 0.39 -1.56	-0.95 0.25 -1.21
HQ_GEN_CEDARS_PROXY 323590	9.15 -2.25 14.22	16.48 -1.26 -0.53	23.76 -1.63 -0.10	25.04 -2.04 -0.10	26.67 -2.19 0.00	26.67 -2.19 0.00	27.53 -1.83 0.00	91.32 -3.92 0.00	55.46 -1.30 0.00	27.58 -0.30 0.00	25.20 -1.00 0.00	25.51 -1.38 0.00	23.81 -1.26 0.00	26.56 -1.63 0.00	29.89 -1.95 0.00	41.24 -1.83 0.00	32.56 -1.39 1.67	59.18 -2.78 0.00	35.25 -1.58 0.00	27.53 -1.24 -0.27	-4.96 0.37 -2.99	4.02 -0.11 -1.30	-3.56 0.39 -1.56	-0.90 0.25 -1.26
HQ_GEN_IMPORT 323601	25.62 0.00 0.00	17.21 0.00 0.00	25.29 0.00 0.00	26.98 0.00 0.00	28.87 0.00 0.00	28.87 0.00 0.00	29.36 0.00 0.00	133.02 0.00 -37.78	12.59 0.00 44.18	27.87 0.00 0.00	26.19 0.00 0.00	26.89 0.00 0.00	25.07 0.00 0.00	28.19 0.00 0.00	31.84 0.00 0.00	43.50 0.00 -0.43	34.32 0.00 1.30	61.62 0.00 0.33	36.83 0.00 0.00	28.50 0.00 0.00	-8.32 0.00 0.00	2.84 0.00 0.00	-5.52 0.00 0.00	-2.13 0.00 -0.28
HQ_GEN_WHEEL 23651	25.62 0.00 0.00	17.21 0.00 0.00	25.29 0.00 0.00	26.98 0.00 0.00	28.87 0.00 0.00	28.87 0.00 0.00	29.36 0.00 0.00	133.02 0.00 -37.78	12.59 0.00 44.18	27.87 0.00 0.00	26.19 0.00 0.00	26.89 0.00 0.00	25.07 0.00 0.00	28.19 0.00 0.00	31.84 0.00 0.00	43.50 0.00 -0.43	34.32 0.00 1.30	61.62 0.00 0.33	36.83 0.00 0.00	28.50 0.00 0.00	-8.32 0.00 0.00	2.84 0.00 0.00	-5.52 0.00 0.00	-2.13 0.00 -0.28

HUDSON AVE_GT_3 23810	31.04 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.94 5.71 0.00	59.97 3.21 0.00	29.72 1.86 0.00	28.12 1.92 0.00	29.00 2.10 0.00	26.93 1.87 0.00	30.39 2.20 0.00	34.21 2.37 0.00	45.93 2.86 0.00	37.98 2.31 -0.05	66.04 4.09 0.00	39.29 2.45 0.00	36.96 1.94 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.37 -37.29	27.27 -0.16 -29.84
HUDSON AVE_GT_4 23540	31.04 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.94 5.71 0.00	59.97 3.21 0.00	29.72 1.86 0.00	28.12 1.92 0.00	29.00 2.10 0.00	26.93 1.87 0.00	30.39 2.20 0.00	34.21 2.37 0.00	45.93 2.86 0.00	37.98 2.31 -0.05	66.04 4.09 0.00	39.29 2.45 0.00	36.96 1.94 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.37 -37.29	27.27 -0.16 -29.84
HUDSON AVE_GT_5 23657	31.04 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.94 5.71 0.00	59.97 3.21 0.00	29.72 1.86 0.00	28.12 1.92 0.00	29.00 2.10 0.00	26.93 1.87 0.00	30.39 2.20 0.00	34.21 2.37 0.00	45.93 2.86 0.00	37.98 2.31 -0.05	66.04 4.09 0.00	39.29 2.45 0.00	36.96 1.94 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.37 -37.29	27.27 -0.16 -29.84
HUDSON_AVE_10 24168	30.93 1.36 -3.95	30.49 0.87 -12.40	28.92 1.26 -2.37	30.61 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.90 1.53 0.00	100.59 5.36 0.00	59.77 3.00 0.00	29.63 1.76 0.00	28.01 1.82 0.00	28.89 2.00 0.00	26.83 1.76 0.00	30.27 2.09 0.00	34.08 2.24 0.00	45.75 2.68 0.00	37.85 2.18 -0.05	65.84 3.89 0.00	39.16 2.33 0.00	36.87 1.85 -6.52	62.40 -0.51 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.84
HUDSON___115KV_TB 4 355613	31.57 1.29 -4.66	32.70 0.86 -14.62	29.36 1.28 -2.79	30.98 1.35 -2.65	30.31 1.44 0.00	30.31 1.44 0.00	30.84 1.48 0.00	100.22 4.98 0.00	59.02 2.26 0.00	28.75 0.87 0.00	26.96 0.77 0.00	27.70 0.81 0.00	25.80 0.74 0.00	29.16 0.97 0.00	33.07 1.23 0.00	45.01 1.94 0.00	37.75 2.07 -0.06	65.75 3.80 0.00	39.07 2.23 0.00	37.92 1.74 -7.68	75.07 -0.48 -83.88	39.38 0.16 -36.39	38.12 -0.27 -43.91	32.61 -0.12 -35.14
HUNTER MOUNT___DRP 323613	31.61 1.43 -4.56	32.46 0.95 -14.30	29.45 1.43 -2.73	31.08 1.50 -2.59	30.48 1.62 0.00	30.48 1.62 0.00	31.02 1.67 0.00	100.73 5.49 0.00	59.16 2.39 0.00	28.80 0.93 0.00	26.96 0.77 0.00	27.69 0.80 0.00	25.81 0.75 0.00	29.18 0.99 0.00	33.13 1.29 0.00	45.21 2.14 0.00	37.99 2.32 -0.06	66.27 4.32 0.00	39.37 2.53 0.00	37.98 1.97 -7.51	73.11 -0.54 -81.98	38.58 0.18 -35.56	37.10 -0.30 -42.92	31.80 -0.13 -34.35
HUNTINGTON_RES_REC 323705	31.20 1.62 -3.95	30.67 1.06 -12.40	29.17 1.51 -2.37	30.84 1.60 -2.25	30.60 1.73 0.00	30.60 1.73 0.00	30.46 1.75 0.64	90.93 4.96 9.27	61.81 2.93 -2.11	29.75 1.88 0.00	28.20 2.00 0.00	34.24 2.15 -5.20	26.95 1.89 0.00	30.42 2.23 0.00	34.33 2.49 0.00	60.27 2.92 -14.27	86.10 2.47 -48.01	73.74 4.34 -7.44	39.52 2.68 0.00	37.08 2.06 -6.52	62.34 -0.56 -71.22	33.93 0.20 -30.90	31.39 -0.38 -37.29	27.25 -0.17 -29.84
HUNTLEY___63 23557	26.57 -0.10 -1.05	20.33 -0.17 -3.29	25.72 -0.20 -0.63	27.25 -0.33 -0.60	28.49 -0.38 0.00	28.49 -0.38 0.00	28.90 -0.47 0.00	93.16 -2.07 0.00	56.41 -0.36 0.00	29.73 -0.03 -1.89	26.84 -0.37 -1.02	26.27 -0.62 0.00	24.75 -0.32 0.00	27.45 -0.74 0.00	30.93 -0.91 0.00	41.74 -1.33 0.00	34.10 -1.53 -0.01	59.42 -2.54 0.00	35.32 -1.52 0.00	28.63 -1.60 -1.73	10.98 0.42 -18.88	10.86 -0.17 -8.19	4.50 0.13 -9.89	5.49 0.00 -7.91
HUNTLEY___64 23558	26.57 -0.10 -1.05	20.33 -0.17 -3.29	25.72 -0.20 -0.63	27.25 -0.33 -0.60	28.49 -0.38 0.00	28.49 -0.38 0.00	28.90 -0.47 0.00	93.16 -2.07 0.00	56.41 -0.36 0.00	29.73 -0.03 -1.89	26.84 -0.37 -1.02	26.27 -0.62 0.00	24.75 -0.32 0.00	27.45 -0.74 0.00	30.93 -0.91 0.00	41.74 -1.33 0.00	34.10 -1.53 -0.01	59.42 -2.54 0.00	35.32 -1.52 0.00	28.63 -1.60 -1.73	10.98 0.42 -18.88	10.86 -0.17 -8.19	4.50 0.13 -9.89	5.49 0.00 -7.91
HUNTLEY___65 23559	26.57 -0.10 -1.05	20.33 -0.17 -3.29	25.72 -0.20 -0.63	27.25 -0.33 -0.60	28.49 -0.38 0.00	28.49 -0.38 0.00	28.90 -0.47 0.00	93.16 -2.07 0.00	56.41 -0.36 0.00	29.73 -0.03 -1.89	26.84 -0.37 -1.02	26.27 -0.62 0.00	24.75 -0.32 0.00	27.45 -0.74 0.00	30.93 -0.91 0.00	41.74 -1.33 0.00	34.10 -1.53 -0.01	59.42 -2.54 0.00	35.32 -1.52 0.00	28.63 -1.60 -1.73	10.98 0.42 -18.88	10.86 -0.17 -8.19	4.50 0.13 -9.89	5.49 0.00 -7.91
HUNTLEY___66 23560	26.57 -0.10 -1.05	20.33 -0.17 -3.29	25.72 -0.20 -0.63	27.25 -0.33 -0.60	28.49 -0.38 0.00	28.49 -0.38 0.00	28.90 -0.47 0.00	93.16 -2.07 0.00	56.41 -0.36 0.00	29.73 -0.03 -1.89	26.84 -0.37 -1.02	26.27 -0.62 0.00	24.75 -0.32 0.00	27.45 -0.74 0.00	30.93 -0.91 0.00	41.74 -1.33 0.00	34.10 -1.53 -0.01	59.42 -2.54 0.00	35.32 -1.52 0.00	28.63 -1.60 -1.73	10.98 0.42 -18.88	10.86 -0.17 -8.19	4.50 0.13 -9.89	5.49 0.00 -7.91
HUNTLEY___67 23561	26.39 -0.29 -1.05	20.25 -0.28 -3.31	25.55 -0.37 -0.63	27.09 -0.50 -0.60	28.32 -0.55 0.00	28.32 -0.55 0.00	28.71 -0.65 0.00	92.71 -2.52 0.00	56.13 -0.64 0.00	29.68 -0.18 -1.99	26.79 -0.48 -1.08	26.18 -0.71 0.00	24.65 -0.42 0.00	27.34 -0.85 0.00	30.81 -1.03 0.00	41.60 -1.48 0.00	33.94 -1.69 -0.01	59.10 -2.85 0.00	35.11 -1.72 0.00	28.50 -1.73 -1.74	11.15 0.46 -19.01	10.91 -0.18 -8.25	4.60 0.16 -9.95	5.57 0.02 -7.97
HUNTLEY___68 23562	26.39 -0.29 -1.05	20.25 -0.28 -3.31	25.55 -0.37 -0.63	27.09 -0.50 -0.60	28.32 -0.55 0.00	28.32 -0.55 0.00	28.71 -0.65 0.00	92.71 -2.52 0.00	56.13 -0.64 0.00	29.68 -0.18 -1.99	26.79 -0.48 -1.08	26.18 -0.71 0.00	24.65 -0.42 0.00	27.34 -0.85 0.00	30.81 -1.03 0.00	41.60 -1.48 0.00	33.94 -1.69 -0.01	59.10 -2.85 0.00	35.11 -1.72 0.00	28.50 -1.73 -1.74	11.15 0.46 -19.01	10.91 -0.18 -8.25	4.60 0.16 -9.95	5.57 0.02 -7.97
HYLAND___LFGE 323620	27.50 0.76 -1.12	21.09 0.38 -3.50	26.58 0.62 -0.67	28.34 0.73 -0.64	29.67 0.81 0.00	29.67 0.81 0.00	30.43 1.07 0.00	99.94 4.70 0.00	59.42 2.66 0.00	30.48 0.53 -2.08	27.65 0.33 -1.12	27.05 0.16 0.00	25.41 0.34 0.00	28.41 0.22 0.00	32.07 0.23 0.00	43.38 0.31 0.00	36.28 0.65 -0.02	64.08 2.12 0.00	38.07 1.23 0.00	30.92 0.58 -1.84	11.56 -0.17 -20.06	11.57 0.03 -8.70	4.87 -0.11 -10.50	5.93 -0.07 -8.40
INDECK___CORINTH 23802	32.23 1.67 -4.94	33.83 1.11 -15.50	29.95 1.70 -2.96	31.54 1.75 -2.81	30.71 1.85 0.00	30.71 1.85 0.00	31.28 1.92 0.00	102.18 6.94 0.00	60.73 3.96 0.00	29.49 1.62 0.00	27.70 1.51 0.00	28.33 1.44 0.00	26.35 1.29 0.00	29.74 1.55 0.00	33.73 1.89 0.00	45.46 2.38 0.00	37.74 2.06 -0.06	65.33 3.38 0.00	38.77 1.94 0.00	38.13 1.48 -8.15	80.19 -0.44 -88.95	41.56 0.14 -38.59	40.73 -0.31 -46.57	34.71 -0.15 -37.27

INDECK___ILION 23567	25.93 0.19 -0.12	17.72 0.12 -0.39	25.52 0.15 -0.07	27.21 0.15 -0.07	29.04 0.17 0.00	29.04 0.17 0.00	29.63 0.27 0.00	96.40 1.17 0.00	57.25 0.48 0.00	27.94 0.07 0.00	26.23 0.04 0.00	26.97 0.08 0.00	25.09 0.03 0.00	28.25 0.07 0.00	31.99 0.14 0.00	43.39 0.31 0.00	36.00 0.38 0.00	62.78 0.82 0.00	37.32 0.48 0.00	29.04 0.34 -0.20	-6.20 -0.08 -2.21	3.82 0.03 -0.96	-4.41 -0.05 -1.16	-1.51 -0.02 -0.93
INDECK___OLEAN 23982	27.85 1.10 -1.14	21.36 0.59 -3.56	26.99 1.02 -0.68	28.69 1.07 -0.65	30.08 1.21 0.00	30.08 1.21 0.00	30.50 1.13 0.00	98.81 3.58 0.00	59.53 2.77 0.00	31.00 1.38 -1.76	28.42 1.28 -0.95	28.09 1.20 0.00	26.42 1.35 0.00	29.43 1.24 0.00	33.27 1.43 0.00	44.53 1.46 0.00	36.03 0.40 -0.02	62.90 0.95 0.00	37.34 0.50 0.00	30.51 0.15 -1.87	12.05 -0.04 -20.42	11.69 -0.01 -8.86	5.03 -0.15 -10.69	6.04 -0.10 -8.56
INDECK___OSWEGO 23783	25.40 -0.45 -0.22	19.06 -0.32 -2.17	25.23 -0.48 -0.41	26.89 -0.49 -0.39	28.35 -0.52 0.00	28.35 -0.52 0.00	28.83 -0.54 0.00	93.36 -1.88 0.00	55.66 -1.10 0.00	27.31 -0.56 0.00	25.63 -0.57 0.00	26.27 -0.62 0.00	24.53 -0.53 0.00	27.53 -0.66 0.00	31.13 -0.72 0.00	42.12 -0.96 0.00	34.86 -0.77 -0.01	60.68 -1.27 0.00	36.08 -0.75 0.00	29.05 -0.59 -1.14	4.30 0.16 -12.46	8.18 -0.06 -5.41	1.11 0.10 -6.52	2.85 0.04 -5.22
INDECK___YERKES 23781	26.59 -0.07 -1.05	20.35 -0.15 -3.29	25.74 -0.18 -0.63	27.28 -0.30 -0.60	28.52 -0.35 0.00	28.52 -0.35 0.00	28.93 -0.43 0.00	93.22 -2.01 0.00	56.48 -0.29 0.00	29.76 0.00 -1.89	26.87 -0.34 -1.02	26.30 -0.60 0.00	24.78 -0.28 0.00	27.48 -0.71 0.00	30.98 -0.87 0.00	41.81 -1.26 0.00	34.14 -1.49 -0.01	59.48 -2.47 0.00	35.35 -1.49 0.00	28.66 -1.56 -1.73	10.97 0.41 -18.88	10.87 -0.16 -8.19	4.49 0.12 -9.89	5.49 -0.01 -7.91
INDIAN POINT_GT_1 24139	30.84 1.30 -3.92	30.36 0.84 -12.31	28.86 1.21 -2.35	30.53 1.31 -2.23	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.24 5.01 0.00	59.61 2.84 0.00	29.43 1.56 0.00	27.83 1.63 0.00	28.66 1.77 0.00	26.62 1.56 0.00	30.03 1.84 0.00	33.86 2.02 0.00	45.52 2.44 0.00	37.66 1.99 -0.05	65.45 3.49 0.00	38.94 2.10 0.00	36.65 1.67 -6.48	61.89 -0.47 -70.68	33.66 0.17 -30.66	31.17 -0.31 -37.01	27.06 -0.14 -29.61
INDIAN POINT_GT_2 23659	30.84 1.30 -3.92	30.36 0.84 -12.31	28.86 1.21 -2.35	30.53 1.31 -2.23	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.24 5.01 0.00	59.61 2.84 0.00	29.43 1.56 0.00	27.83 1.63 0.00	28.66 1.77 0.00	26.62 1.56 0.00	30.03 1.84 0.00	33.86 2.02 0.00	45.52 2.44 0.00	37.66 1.99 -0.05	65.45 3.49 0.00	38.94 2.10 0.00	36.65 1.67 -6.48	61.89 -0.47 -70.68	33.66 0.17 -30.66	31.17 -0.31 -37.01	27.06 -0.14 -29.61
INDIAN POINT_GT_3 24019	30.84 1.30 -3.92	30.36 0.84 -12.31	28.86 1.21 -2.35	30.53 1.31 -2.23	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.24 5.01 0.00	59.61 2.84 0.00	29.43 1.56 0.00	27.83 1.63 0.00	28.66 1.77 0.00	26.62 1.56 0.00	30.03 1.84 0.00	33.86 2.02 0.00	45.52 2.44 0.00	37.66 1.99 -0.05	65.45 3.49 0.00	38.94 2.10 0.00	36.65 1.67 -6.48	61.89 -0.47 -70.68	33.66 0.17 -30.66	31.17 -0.31 -37.01	27.06 -0.14 -29.61
INDIAN POINT___2 23530	30.79 1.29 -3.88	30.21 0.84 -12.16	28.82 1.20 -2.32	30.49 1.30 -2.21	30.25 1.39 0.00	30.25 1.39 0.00	30.80 1.44 0.00	100.15 4.91 0.00	59.56 2.79 0.00	29.41 1.54 0.00	27.80 1.61 0.00	28.65 1.76 0.00	26.61 1.54 0.00	30.02 1.83 0.00	33.85 2.01 0.00	45.48 2.41 0.00	37.61 1.94 -0.05	65.37 3.42 0.00	38.90 2.06 0.00	36.53 1.64 -6.39	61.03 -0.46 -69.82	33.28 0.16 -30.29	30.72 -0.31 -36.55	26.70 -0.14 -29.25
INDIAN POINT___3 23531	30.82 1.27 -3.93	30.36 0.83 -12.32	28.84 1.19 -2.35	30.50 1.29 -2.23	30.25 1.39 0.00	30.25 1.39 0.00	30.79 1.44 0.00	100.10 4.87 0.00	59.55 2.78 0.00	29.40 1.53 0.00	27.79 1.59 0.00	28.63 1.74 0.00	26.59 1.52 0.00	30.00 1.81 0.00	33.83 1.98 0.00	45.46 2.38 0.00	37.61 1.94 -0.05	65.37 3.41 0.00	38.89 2.05 0.00	36.60 1.63 -6.48	61.95 -0.46 -70.73	33.68 0.16 -30.69	31.20 -0.31 -37.03	27.09 -0.14 -29.64
INGHAM_C_115KV_TB7 356103	26.27 0.53 -0.12	17.92 0.32 -0.39	25.74 0.37 -0.07	27.43 0.37 -0.07	29.27 0.40 0.00	29.27 0.40 0.00	29.96 0.59 0.00	97.61 2.37 0.00	57.62 0.85 0.00	27.88 0.01 0.00	26.20 0.01 0.00	27.02 0.13 0.00	25.07 0.01 0.00	28.30 0.11 0.00	32.13 0.29 0.00	43.67 0.59 0.00	36.37 0.75 0.00	63.71 1.76 0.00	37.83 0.99 0.00	29.43 0.73 -0.20	-6.30 -0.18 -2.21	3.84 0.05 -0.96	-4.48 -0.11 -1.16	-1.54 -0.04 -0.93
IP CORINTH___1 23988	32.23 1.66 -4.94	33.83 1.11 -15.50	29.95 1.70 -2.96	31.54 1.75 -2.81	30.71 1.85 0.00	30.71 1.85 0.00	31.28 1.92 0.00	102.18 6.94 0.00	60.73 3.97 0.00	29.49 1.62 0.00	27.70 1.51 0.00	28.34 1.44 0.00	26.35 1.29 0.00	29.74 1.55 0.00	33.73 1.89 0.00	45.46 2.39 0.00	37.74 2.06 -0.06	65.33 3.38 0.00	38.78 1.94 0.00	38.13 1.48 -8.15	80.19 -0.44 -88.95	41.56 0.14 -38.59	40.73 -0.31 -46.57	34.71 -0.15 -37.27
IP___TICONDEROGA 23804	33.32 2.77 -4.93	34.51 1.82 -15.48	31.10 2.85 -2.95	32.65 2.86 -2.81	31.87 3.00 0.00	31.87 3.00 0.00	32.66 3.30 0.00	108.01 12.78 0.00	64.43 7.66 0.00	30.88 3.01 0.00	28.81 2.62 0.00	29.43 2.54 0.00	27.28 2.22 0.00	30.94 2.75 0.00	35.35 3.51 0.00	48.09 5.01 0.00	39.21 3.53 -0.06	66.39 4.44 0.00	39.30 2.47 0.00	38.56 1.92 -8.14	79.78 -0.73 -88.83	41.61 0.24 -38.54	40.51 -0.47 -46.51	34.59 -0.22 -37.22
ISLIP_RES_REC 323679	31.64 2.06 -3.95	30.93 1.31 -12.40	29.53 1.87 -2.37	31.23 2.00 -2.25	31.00 2.14 0.00	31.00 2.14 0.00	30.93 2.22 0.64	91.75 5.76 9.24	62.48 3.60 -2.11	30.19 2.33 0.00	28.62 2.43 0.00	34.64 2.54 -5.20	27.33 2.26 0.00	30.84 2.66 0.00	34.86 3.02 0.00	60.97 3.62 -14.27	86.65 3.02 -48.01	74.65 5.26 -7.44	40.11 3.27 0.00	37.54 2.51 -6.52	62.21 -0.69 -71.22	33.98 0.25 -30.90	31.30 -0.46 -37.29	27.22 -0.21 -29.84
JAMAICA__27_KV_LOAD 355505	31.07 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.76 1.53 -2.25	30.51 1.65 0.00	30.51 1.65 0.00	31.08 1.72 0.00	101.42 6.19 0.00	60.25 3.48 0.00	29.87 2.00 0.00	28.20 2.00 0.00	29.08 2.18 0.00	27.00 1.94 0.00	30.47 2.28 0.00	34.31 2.47 0.00	46.06 2.99 0.00	38.13 2.46 -0.05	66.35 4.39 0.00	39.48 2.65 0.00	37.12 2.09 -6.52	62.33 -0.58 -71.23	33.94 0.20 -30.90	31.39 -0.39 -37.29	27.26 -0.17 -29.84
JANIS___SOLAR 323808	28.48 1.38 -1.48	22.75 0.88 -4.66	27.45 1.27 -0.89	29.24 1.42 -0.84	30.42 1.56 0.00	30.42 1.56 0.00	31.21 1.85 0.00	102.02 6.78 0.00	60.34 3.58 0.00	29.39 1.28 -0.24	27.25 0.93 -0.13	27.76 0.87 0.00	25.95 0.89 0.00	29.16 0.97 0.00	33.12 1.28 0.00	45.26 2.18 0.00	37.60 1.96 -0.02	65.87 3.92 0.00	39.07 2.24 0.00	32.47 1.53 -2.45	17.98 -0.42 -26.72	14.56 0.13 -11.59	8.22 -0.25 -13.99	8.68 -0.10 -11.19

JARVIS____ 23743	25.63 -0.12 -0.12	17.54 -0.06 -0.39	25.29 -0.08 -0.07	26.97 -0.08 -0.07	28.78 -0.09 0.00	28.78 -0.09 0.00	29.31 -0.05 0.00	95.24 0.00 0.00	56.78 0.01 0.00	27.87 0.00 0.00	26.17 -0.03 0.00	26.86 -0.03 0.00	25.02 -0.05 0.00	28.15 -0.04 0.00	31.78 -0.06 0.00	43.05 -0.02 0.00	35.62 0.01 0.00	61.94 -0.01 0.00	36.82 -0.01 0.00	28.67 -0.03 -0.20	-6.10 0.02 -2.21	3.79 -0.01 -0.96	-4.35 0.02 -1.16	-1.48 0.01 -0.93
JENNISON____1 23625	28.93 1.52 -1.79	23.80 0.97 -5.62	27.76 1.40 -1.07	29.55 1.54 -1.02	30.54 1.67 0.00	30.54 1.67 0.00	31.32 1.95 0.00	102.40 7.17 0.00	60.96 4.19 0.00	29.96 1.82 -0.27	27.91 1.57 -0.15	28.44 1.55 0.00	26.47 1.40 0.00	29.71 1.52 0.00	33.68 1.84 0.00	45.74 2.67 0.00	37.81 2.17 -0.02	66.10 4.14 0.00	39.17 2.33 0.00	33.05 1.60 -2.95	23.49 -0.43 -32.25	16.97 0.14 -13.99	11.10 -0.26 -16.88	10.99 -0.11 -13.51
JENNISON____2 23626	28.93 1.52 -1.79	23.80 0.97 -5.62	27.76 1.40 -1.07	29.55 1.54 -1.02	30.54 1.67 0.00	30.54 1.67 0.00	31.32 1.95 0.00	102.40 7.17 0.00	60.96 4.19 0.00	29.96 1.82 -0.27	27.91 1.57 -0.15	28.44 1.55 0.00	26.47 1.40 0.00	29.71 1.52 0.00	33.68 1.84 0.00	45.74 2.67 0.00	37.81 2.17 -0.02	66.10 4.14 0.00	39.17 2.33 0.00	33.05 1.60 -2.95	23.49 -0.43 -32.25	16.97 0.14 -13.99	11.10 -0.26 -16.88	10.99 -0.11 -13.51
JERICHO_RISE_WT_PWR 323719	-4.00 -2.91 26.71	16.02 -1.69 -0.50	23.37 -2.02 -0.09	24.83 -2.24 -0.09	26.41 -2.45 0.00	26.41 -2.45 0.00	27.37 -1.99 0.00	91.27 -3.97 0.00	55.79 -0.97 0.00	27.77 -0.10 0.00	25.37 -0.82 0.00	25.57 -1.32 0.00	23.79 -1.27 0.00	26.77 -1.42 0.00	30.26 -1.59 0.00	41.69 -1.38 0.00	34.42 -1.20 0.00	59.53 -2.43 0.00	35.42 -1.42 0.00	27.59 -1.17 -0.26	-5.16 0.36 -2.81	3.94 -0.11 -1.22	-3.60 0.45 -1.47	-0.99 0.29 -1.14
KATONAH____115KV_46KV_TB4 355592	31.05 1.42 -4.01	30.72 0.92 -12.59	29.03 1.33 -2.40	30.70 1.43 -2.28	30.40 1.53 0.00	30.40 1.53 0.00	30.98 1.61 0.00	100.87 5.63 0.00	60.01 3.24 0.00	29.59 1.72 0.00	27.94 1.75 0.00	28.77 1.88 0.00	26.71 1.65 0.00	30.13 1.94 0.00	33.97 2.13 0.00	45.69 2.62 0.00	37.86 2.19 -0.05	65.86 3.91 0.00	39.17 2.34 0.00	36.97 1.84 -6.62	63.46 -0.52 -72.30	34.38 0.18 -31.37	31.99 -0.34 -37.85	27.73 -0.15 -30.29
KCE_NY_1 323755	31.99 1.44 -4.93	33.62 0.94 -15.46	29.66 1.41 -2.95	31.28 1.50 -2.80	30.48 1.62 0.00	30.48 1.62 0.00	30.97 1.61 0.00	100.75 5.51 0.00	59.80 3.03 0.00	29.14 1.27 0.00	27.42 1.23 0.00	28.15 1.26 0.00	26.19 1.12 0.00	29.58 1.39 0.00	33.51 1.67 0.00	45.42 2.35 0.00	37.70 2.02 -0.06	65.34 3.39 0.00	38.82 1.98 0.00	38.17 1.54 -8.12	79.94 -0.44 -88.70	41.46 0.14 -38.48	40.63 -0.29 -46.44	34.63 -0.12 -37.17
KCE_NY_6_ESR 323823	26.74 0.04 -1.08	20.53 -0.07 -3.39	25.89 -0.05 -0.65	27.47 -0.12 -0.61	28.72 -0.14 0.00	28.72 -0.14 0.00	29.19 -0.17 0.00	94.62 -0.61 0.00	57.25 0.48 0.00	30.07 0.32 -1.88	27.23 0.02 -1.02	26.71 -0.18 0.00	25.14 0.07 0.00	27.92 -0.26 0.00	31.52 -0.32 0.00	42.52 -0.55 0.00	34.64 -0.99 -0.01	60.40 -1.55 0.00	35.85 -0.99 0.00	29.10 -1.18 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.72 0.00 -8.14
KEDC_PORT_JEFF_GT2 24210	31.43 1.86 -3.95	30.80 1.18 -12.40	29.35 1.69 -2.37	31.03 1.80 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.68 1.97 0.65	90.79 4.95 9.39	61.97 3.09 -2.11	29.89 2.02 0.00	28.42 2.23 0.00	34.44 2.35 -5.20	27.15 2.08 0.00	30.64 2.45 0.00	34.61 2.76 0.00	60.50 3.15 -14.27	86.20 2.58 -48.01	73.98 4.59 -7.44	39.68 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
KEDC_PORT_JEFF_GT3 24211	31.43 1.86 -3.95	30.80 1.18 -12.40	29.35 1.69 -2.37	31.03 1.80 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.68 1.97 0.65	90.79 4.95 9.39	61.97 3.09 -2.11	29.89 2.02 0.00	28.42 2.23 0.00	34.44 2.35 -5.20	27.15 2.08 0.00	30.64 2.45 0.00	34.61 2.76 0.00	60.50 3.15 -14.27	86.20 2.58 -48.01	73.98 4.59 -7.44	39.68 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
KEDC_GLWD_GT4 24219	31.48 1.90 -3.95	30.83 1.22 -12.40	29.41 1.74 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	31.11 1.98 0.24	101.65 6.40 -0.01	62.77 3.89 -2.11	30.08 2.21 0.00	28.49 2.30 0.00	34.55 2.46 -5.20	27.22 2.15 0.00	30.69 2.50 0.00	34.63 2.79 0.00	60.71 3.36 -14.27	86.36 2.74 -48.01	74.06 4.67 -7.44	39.65 2.82 0.00	37.22 2.19 -6.52	62.29 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
KEDC_GLWD_GT5 24220	31.48 1.90 -3.95	30.83 1.22 -12.40	29.41 1.74 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	31.11 1.98 0.24	101.65 6.40 -0.01	62.77 3.89 -2.11	30.08 2.21 0.00	28.49 2.30 0.00	34.55 2.46 -5.20	27.22 2.15 0.00	30.69 2.50 0.00	34.63 2.79 0.00	60.71 3.36 -14.27	86.36 2.74 -48.01	74.06 4.67 -7.44	39.65 2.82 0.00	37.22 2.19 -6.52	62.29 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
KENSICO____ 23655	30.92 1.35 -3.95	30.48 0.87 -12.39	28.92 1.26 -2.37	30.60 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.88 1.52 0.00	100.43 5.19 0.00	59.73 2.96 0.00	29.51 1.64 0.00	27.90 1.70 0.00	28.75 1.85 0.00	26.70 1.63 0.00	30.11 1.93 0.00	33.95 2.11 0.00	45.62 2.54 0.00	37.75 2.08 -0.05	65.62 3.66 0.00	39.03 2.20 0.00	36.75 1.74 -6.52	62.34 -0.49 -71.15	33.87 0.17 -30.87	31.41 -0.33 -37.25	27.26 -0.14 -29.81
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.93 1.50 -3.81	30.15 0.97 -11.96	28.98 1.40 -2.28	30.68 1.53 -2.17	30.51 1.65 0.00	30.51 1.65 0.00	31.12 1.77 0.00	101.37 6.14 0.00	60.20 3.43 0.00	29.52 1.65 0.00	27.80 1.60 0.00	28.49 1.60 0.00	26.26 1.20 0.00	29.61 1.42 0.00	33.47 1.63 0.00	45.18 2.11 0.00	37.53 1.86 -0.05	65.42 3.47 0.00	38.93 2.10 0.00	36.43 1.66 -6.28	59.69 -0.54 -68.56	32.76 0.19 -29.74	30.02 -0.36 -35.89	26.15 -0.16 -28.73
KIAC_JFK_GT1 23816	30.98 1.41 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.60 0.00	100.99 5.76 0.00	60.01 3.24 0.00	29.77 1.90 0.00	28.10 1.91 0.00	28.98 2.09 0.00	26.91 1.85 0.00	30.37 2.17 0.00	34.19 2.35 0.00	45.89 2.82 0.00	37.99 2.33 -0.05	66.11 4.16 0.00	39.34 2.50 0.00	37.01 1.99 -6.52	62.36 -0.54 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.16 -29.84
KIAC_JFK_GT2 23817	30.98 1.41 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.60 0.00	100.99 5.76 0.00	60.01 3.24 0.00	29.77 1.90 0.00	28.10 1.91 0.00	28.98 2.09 0.00	26.91 1.85 0.00	30.37 2.17 0.00	34.19 2.35 0.00	45.89 2.82 0.00	37.99 2.33 -0.05	66.11 4.16 0.00	39.34 2.50 0.00	37.01 1.99 -6.52	62.36 -0.54 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.16 -29.84

KIAC_JFK____ 323774	30.98 1.41 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.96 1.60 0.00	100.99 5.76 0.00	60.01 3.24 0.00	29.77 1.90 0.00	28.10 1.91 0.00	28.98 2.08 0.00	26.91 1.85 0.00	30.37 2.18 0.00	34.19 2.35 0.00	45.90 2.82 0.00	38.00 2.33 -0.05	66.11 4.16 0.00	39.34 2.50 0.00	37.01 1.99 -6.52	62.36 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.37 -37.29	27.27 -0.16 -29.84
KINTIGH____ 23543	26.25 -0.35 -0.97	19.96 -0.30 -3.05	25.45 -0.43 -0.58	26.99 -0.55 -0.55	28.26 -0.61 0.00	28.26 -0.61 0.00	28.63 -0.74 0.00	92.35 -2.89 0.00	55.78 -0.99 0.00	29.89 -0.39 -2.41	26.87 -0.62 -1.30	26.08 -0.81 0.00	24.52 -0.54 0.00	27.25 -0.94 0.00	30.71 -1.13 0.00	41.47 -1.60 0.00	33.89 -1.74 -0.01	58.98 -2.97 0.00	35.06 -1.77 0.00	28.44 -1.66 -1.60	9.60 0.43 -17.49	10.26 -0.16 -7.59	3.80 0.16 -9.16	4.94 0.03 -7.33
KNTFSRNC_46_KV_46KV_LOAD 80397	-3.48 -2.68 26.42	16.14 -1.56 -0.48	23.59 -1.80 -0.09	25.11 -1.96 -0.09	26.70 -2.16 0.00	26.70 -2.16 0.00	27.72 -1.63 0.00	92.80 -2.44 0.00	56.71 -0.06 0.00	28.09 0.23 0.00	25.70 -0.50 0.00	25.88 -1.02 0.00	24.05 -1.01 0.00	27.09 -1.10 0.00	30.65 -1.19 0.00	42.18 -0.89 0.00	35.08 -0.54 0.00	60.84 -1.12 0.00	36.19 -0.64 0.00	28.16 -0.58 -0.25	-5.39 0.19 -2.74	3.96 -0.06 -1.19	-3.74 0.34 -1.43	-1.06 0.25 -1.11
LACHUTE____HYDRO 323717	33.32 2.77 -4.93	34.51 1.82 -15.48	31.09 2.85 -2.95	32.65 2.85 -2.81	31.87 3.00 0.00	31.87 3.00 0.00	32.66 3.30 0.00	108.02 12.78 0.00	64.43 7.66 0.00	30.88 3.01 0.00	28.81 2.62 0.00	29.43 2.54 0.00	27.28 2.22 0.00	30.94 2.75 0.00	35.35 3.51 0.00	48.08 5.01 0.00	39.21 3.53 -0.06	66.39 4.44 0.00	39.30 2.47 0.00	38.56 1.92 -8.14	79.78 -0.73 -88.83	41.61 0.24 -38.54	40.51 -0.47 -46.51	34.59 -0.22 -37.22
LAWRNCV_115KV_TB1 80681	11.59 -2.23 11.80	16.56 -1.27 -0.62	23.79 -1.63 -0.12	25.11 -1.99 -0.11	26.73 -2.14 0.00	26.73 -2.14 0.00	27.63 -1.73 0.00	91.87 -3.37 0.00	55.70 -1.07 0.00	27.63 -0.24 0.00	25.27 -0.92 0.00	25.58 -1.31 0.00	23.86 -1.20 0.00	26.64 -1.55 0.00	30.03 -1.81 0.00	41.45 -1.62 0.00	34.43 -1.19 0.00	59.59 -2.37 0.00	35.48 -1.36 0.00	27.71 -1.11 -0.32	-4.48 0.34 -3.50	4.25 -0.10 -1.52	-3.31 0.38 -1.83	-0.74 0.24 -1.44
LEDERLE____ 23769	30.89 1.45 -3.83	30.16 0.94 -12.00	28.94 1.36 -2.29	30.63 1.47 -2.18	30.45 1.59 0.00	30.45 1.59 0.00	31.00 1.65 0.00	100.83 5.59 0.00	59.98 3.21 0.00	29.60 1.74 0.00	28.00 1.81 0.00	28.84 1.95 0.00	26.80 1.73 0.00	30.23 2.04 0.00	34.11 2.27 0.00	45.82 2.75 0.00	37.88 2.21 -0.05	65.87 3.91 0.00	39.17 2.34 0.00	36.66 1.85 -6.31	60.06 -0.52 -68.91	32.91 0.18 -29.90	30.21 -0.35 -36.08	26.30 -0.16 -28.87
LIGHTHSE_115KV_TB6 355974	24.57 -0.62 0.43	18.87 -0.41 -2.07	25.15 -0.54 -0.40	26.81 -0.55 -0.37	28.29 -0.58 0.00	28.29 -0.58 0.00	28.93 -0.43 0.00	94.45 -0.78 0.00	56.26 -0.51 0.00	27.54 -0.32 0.00	25.76 -0.43 0.00	26.37 -0.52 0.00	24.61 -0.45 0.00	27.61 -0.58 0.00	31.28 -0.56 0.00	42.49 -0.59 0.00	35.29 -0.33 -0.01	61.53 -0.43 0.00	36.54 -0.30 0.00	29.19 -0.39 -1.09	3.70 0.12 -11.89	7.94 -0.05 -5.16	0.82 0.12 -6.23	2.62 0.06 -4.98
LINDEN COGEN____ 23786	30.87 1.30 -3.95	30.45 0.83 -12.40	28.87 1.21 -2.37	30.55 1.32 -2.25	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.23 5.00 0.00	59.51 2.74 0.00	29.51 1.64 0.00	27.92 1.73 0.00	28.79 1.90 0.00	26.75 1.68 0.00	30.19 2.00 0.00	33.96 2.12 0.00	45.57 2.50 0.00	37.67 2.00 -0.05	65.52 3.57 0.00	38.98 2.15 0.00	36.73 1.71 -6.52	62.44 -0.47 -71.23	33.90 0.17 -30.90	31.45 -0.33 -37.29	27.29 -0.14 -29.84
LINDHRST_69_KV_BK1 356055	31.64 2.07 -3.95	30.94 1.32 -12.40	29.56 1.90 -2.37	31.26 2.03 -2.25	31.03 2.16 0.00	31.03 2.16 0.00	31.00 2.19 0.55	94.56 6.55 7.23	62.95 4.08 -2.11	30.25 2.38 0.00	28.61 2.41 0.00	34.68 2.59 -5.20	27.33 2.27 0.00	30.83 2.64 0.00	34.81 2.98 0.00	60.90 3.56 -14.27	86.59 2.96 -48.01	74.67 5.27 -7.44	40.02 3.19 0.00	37.50 2.47 -6.52	62.22 -0.68 -71.22	33.97 0.24 -30.90	31.31 -0.45 -37.29	27.23 -0.20 -29.84
LIPA_MISC_IPP 23656	31.47 1.90 -3.95	30.81 1.20 -12.40	29.38 1.72 -2.37	31.07 1.84 -2.25	30.83 1.96 0.00	30.83 1.96 0.00	30.73 2.01 0.65	90.62 4.86 9.47	62.13 3.25 -2.11	29.98 2.12 0.00	28.41 2.22 0.00	34.44 2.35 -5.20	27.13 2.06 0.00	30.63 2.44 0.00	34.62 2.78 0.00	60.65 3.30 -14.27	86.41 2.78 -48.01	74.28 4.89 -7.44	39.83 2.99 0.00	37.32 2.30 -6.52	62.27 -0.63 -71.22	33.96 0.23 -30.90	31.34 -0.43 -37.29	27.23 -0.19 -29.84
LISF____SOLAR 323691	31.51 1.93 -3.95	30.84 1.22 -12.40	29.41 1.75 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	30.77 2.05 0.65	90.76 4.97 9.44	62.19 3.31 -2.11	30.00 2.13 0.00	28.43 2.23 0.00	34.43 2.34 -5.20	27.13 2.06 0.00	30.64 2.45 0.00	34.65 2.81 0.00	60.72 3.38 -14.27	86.47 2.84 -48.01	74.40 5.01 -7.44	39.90 3.07 0.00	37.38 2.36 -6.52	62.25 -0.64 -71.22	33.96 0.23 -30.90	31.33 -0.44 -37.29	27.23 -0.19 -29.84
LITTLE FALLS____HYD 24013	26.27 0.53 -0.12	17.92 0.32 -0.39	25.74 0.37 -0.07	27.43 0.37 -0.07	29.27 0.40 0.00	29.27 0.40 0.00	29.96 0.59 0.00	97.61 2.37 0.00	57.62 0.85 0.00	27.88 0.01 0.00	26.20 0.01 0.00	27.02 0.13 0.00	25.07 0.01 0.00	28.30 0.11 0.00	32.13 0.29 0.00	43.67 0.59 0.00	36.37 0.75 0.00	63.71 1.76 0.00	37.83 0.99 0.00	29.43 0.73 -0.20	-6.30 -0.18 -2.21	3.84 0.05 -0.96	-4.48 -0.11 -1.16	-1.54 -0.04 -0.93
LITTLRIV_115KV_TB1 356100	12.24 -1.97 11.41	16.75 -1.10 -0.63	24.04 -1.38 -0.12	25.36 -1.74 -0.11	26.99 -1.88 0.00	26.99 -1.88 0.00	27.94 -1.42 0.00	93.09 -2.14 0.00	56.34 -0.43 0.00	27.88 0.01 0.00	25.46 -0.73 0.00	25.78 -1.11 0.00	24.06 -1.00 0.00	26.85 -1.34 0.00	30.28 -1.57 0.00	41.88 -1.20 0.00	34.87 -0.74 0.00	60.43 -1.53 0.00	35.96 -0.87 0.00	28.09 -0.73 -0.33	-4.51 0.23 -3.58	4.32 -0.07 -1.55	-3.32 0.32 -1.88	-0.73 0.22 -1.47
LI_NEWBRDGE____DRP 323616	31.32 1.74 -3.95	30.73 1.11 -12.40	29.26 1.60 -2.37	30.95 1.72 -2.25	30.71 1.85 0.00	30.71 1.85 0.00	30.44 1.79 0.70	90.28 5.66 10.61	62.32 3.45 -2.11	29.90 2.03 0.00	28.30 2.11 0.00	34.37 2.27 -5.20	27.02 1.95 0.00	30.46 2.28 0.00	34.38 2.53 0.00	60.35 3.01 -14.27	86.07 2.44 -48.01	73.44 4.05 -7.44	39.31 2.47 0.00	36.95 1.93 -6.52	62.37 -0.53 -71.22	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.84
LOCKPORT_115KV_TB60_63_64 80432	26.34 -0.31 -1.03	20.16 -0.30 -3.24	25.51 -0.40 -0.62	27.01 -0.56 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.68 -0.69 0.00	92.52 -2.72 0.00	56.03 -0.74 0.00	29.41 -0.20 -1.74	26.54 -0.60 -0.94	26.02 -0.87 0.00	24.51 -0.55 0.00	27.16 -1.03 0.00	30.61 -1.23 0.00	41.37 -1.71 0.00	33.83 -1.80 -0.01	58.95 -3.01 0.00	35.05 -1.79 0.00	28.40 -1.80 -1.71	10.76 0.47 -18.62	10.73 -0.18 -8.08	4.40 0.17 -9.75	5.40 0.02 -7.80

LOCKPORT___CC1 323769	26.34 -0.32 -1.04	20.16 -0.30 -3.25	25.50 -0.42 -0.62	27.01 -0.57 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.67 -0.70 0.00	92.52 -2.72 0.00	56.03 -0.74 0.00	29.45 -0.20 -1.78	26.56 -0.59 -0.96	26.04 -0.86 0.00	24.52 -0.54 0.00	27.18 -1.01 0.00	30.63 -1.21 0.00	41.41 -1.66 0.00	33.81 -1.82 -0.01	58.94 -3.02 0.00	35.03 -1.81 0.00	28.40 -1.80 -1.71	10.81 0.47 -18.66	10.75 -0.18 -8.09	4.42 0.16 -9.77	5.42 0.02 -7.82
LOCKPORT___CC2 323770	26.34 -0.32 -1.04	20.16 -0.30 -3.25	25.50 -0.42 -0.62	27.01 -0.57 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.67 -0.70 0.00	92.52 -2.72 0.00	56.03 -0.74 0.00	29.45 -0.20 -1.78	26.56 -0.59 -0.96	26.04 -0.86 0.00	24.52 -0.54 0.00	27.18 -1.01 0.00	30.63 -1.21 0.00	41.41 -1.66 0.00	33.81 -1.82 -0.01	58.94 -3.02 0.00	35.03 -1.81 0.00	28.40 -1.80 -1.71	10.81 0.47 -18.66	10.75 -0.18 -8.09	4.42 0.16 -9.77	5.42 0.02 -7.82
LOCKPORT___CC3 323771	26.34 -0.32 -1.04	20.16 -0.30 -3.25	25.50 -0.42 -0.62	27.01 -0.57 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.67 -0.70 0.00	92.52 -2.72 0.00	56.03 -0.74 0.00	29.45 -0.20 -1.78	26.56 -0.59 -0.96	26.04 -0.86 0.00	24.52 -0.54 0.00	27.18 -1.01 0.00	30.63 -1.21 0.00	41.41 -1.66 0.00	33.81 -1.82 -0.01	58.94 -3.02 0.00	35.03 -1.81 0.00	28.40 -1.80 -1.71	10.81 0.47 -18.66	10.75 -0.18 -8.09	4.42 0.16 -9.77	5.42 0.02 -7.82
LONG_LAKE_PHOENIX 24014	25.74 -0.23 -0.35	19.28 -0.18 -2.24	25.44 -0.28 -0.43	27.10 -0.29 -0.41	28.55 -0.32 0.00	28.55 -0.32 0.00	29.04 -0.32 0.00	94.02 -1.21 0.00	56.09 -0.68 0.00	27.51 -0.35 0.00	25.84 -0.35 0.00	26.50 -0.40 0.00	24.74 -0.32 0.00	27.76 -0.43 0.00	31.39 -0.45 0.00	42.47 -0.61 0.00	35.11 -0.52 -0.01	61.12 -0.83 0.00	36.34 -0.49 0.00	29.29 -0.39 -1.18	4.65 0.09 -12.88	8.39 -0.03 -5.59	1.28 0.06 -6.74	3.00 0.02 -5.40
LOVETT___3 23632	30.79 1.33 -3.84	30.12 0.87 -12.03	28.84 1.25 -2.30	30.51 1.35 -2.18	30.31 1.44 0.00	30.31 1.44 0.00	30.86 1.50 0.00	100.35 5.11 0.00	59.70 2.93 0.00	29.46 1.59 0.00	27.86 1.67 0.00	28.70 1.81 0.00	26.66 1.59 0.00	30.08 1.89 0.00	33.93 2.09 0.00	45.57 2.50 0.00	37.67 2.01 -0.05	65.50 3.54 0.00	38.97 2.13 0.00	36.52 1.70 -6.33	60.29 -0.48 -69.09	32.98 0.17 -29.98	30.33 -0.32 -36.17	26.39 -0.14 -28.95
LOVETT___4 23642	30.79 1.33 -3.84	30.12 0.87 -12.03	28.84 1.25 -2.30	30.51 1.35 -2.18	30.31 1.44 0.00	30.31 1.44 0.00	30.86 1.50 0.00	100.35 5.11 0.00	59.70 2.93 0.00	29.46 1.59 0.00	27.86 1.67 0.00	28.70 1.81 0.00	26.66 1.59 0.00	30.08 1.89 0.00	33.93 2.09 0.00	45.57 2.50 0.00	37.67 2.01 -0.05	65.50 3.54 0.00	38.97 2.13 0.00	36.52 1.70 -6.33	60.29 -0.48 -69.09	32.98 0.17 -29.98	30.33 -0.32 -36.17	26.39 -0.14 -28.95
LOVETT___5 23593	30.79 1.33 -3.84	30.12 0.87 -12.03	28.84 1.25 -2.30	30.51 1.35 -2.18	30.31 1.44 0.00	30.31 1.44 0.00	30.86 1.50 0.00	100.35 5.11 0.00	59.70 2.93 0.00	29.46 1.59 0.00	27.86 1.67 0.00	28.70 1.81 0.00	26.66 1.59 0.00	30.08 1.89 0.00	33.93 2.09 0.00	45.57 2.50 0.00	37.67 2.01 -0.05	65.50 3.54 0.00	38.97 2.13 0.00	36.52 1.70 -6.33	60.29 -0.48 -69.09	32.98 0.17 -29.98	30.33 -0.32 -36.17	26.39 -0.14 -28.95
LOWER RAQUET___HYD 24057	12.34 -2.25 11.03	16.59 -1.27 -0.64	23.80 -1.62 -0.12	25.14 -1.96 -0.12	26.76 -2.11 0.00	26.76 -2.11 0.00	27.67 -1.69 0.00	92.04 -3.20 0.00	55.78 -0.98 0.00	27.65 -0.21 0.00	25.29 -0.90 0.00	25.60 -1.29 0.00	23.89 -1.18 0.00	26.67 -1.52 0.00	30.07 -1.78 0.00	41.52 -1.55 0.00	34.50 -1.12 0.00	59.75 -2.21 0.00	35.56 -1.28 0.00	27.77 -1.06 -0.33	-4.33 0.34 -3.66	4.32 -0.10 -1.59	-3.22 0.38 -1.92	-0.67 0.24 -1.50
LOWER___HUDSON 24059	31.42 0.96 -4.85	33.04 0.62 -15.20	29.14 0.94 -2.90	30.70 0.96 -2.76	29.90 1.04 0.00	29.90 1.04 0.00	30.31 0.95 0.00	98.49 3.25 0.00	58.48 1.71 0.00	28.53 0.66 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.79 0.72 0.00	29.14 0.95 0.00	32.95 1.11 0.00	44.59 1.51 0.00	37.05 1.37 -0.06	64.19 2.23 0.00	38.13 1.30 0.00	37.55 1.06 -7.99	78.63 -0.30 -87.25	40.78 0.10 -37.85	39.97 -0.19 -45.68	34.06 -0.08 -36.56
LOWVILLE_115KV_TB2 356335	21.28 -1.36 2.98	17.41 -0.80 -1.00	24.49 -0.99 -0.19	26.19 -0.97 -0.18	27.85 -1.01 0.00	27.85 -1.01 0.00	28.87 -0.49 0.00	95.84 0.60 0.00	57.20 0.43 0.00	27.99 0.12 0.00	26.08 -0.11 0.00	26.60 -0.29 0.00	24.79 -0.27 0.00	27.80 -0.39 0.00	31.56 -0.28 0.00	43.26 0.19 0.00	36.01 0.39 0.00	62.58 0.63 0.00	37.13 0.29 0.00	28.89 -0.14 -0.52	-2.43 0.17 -5.72	5.26 -0.06 -2.48	-2.30 0.22 -3.00	0.10 0.13 -2.39
LUTHERFT_115KV_GLOB_FND_222 355753	31.95 1.40 -4.93	33.60 0.93 -15.46	29.64 1.39 -2.95	31.24 1.46 -2.80	30.42 1.56 0.00	30.42 1.56 0.00	30.92 1.57 0.00	100.67 5.43 0.00	59.76 2.99 0.00	29.11 1.25 0.00	27.41 1.21 0.00	28.14 1.25 0.00	26.19 1.12 0.00	29.57 1.38 0.00	33.49 1.65 0.00	45.36 2.29 0.00	37.67 1.99 -0.06	65.29 3.34 0.00	38.79 1.95 0.00	38.14 1.52 -8.12	79.95 -0.44 -88.70	41.46 0.14 -38.48	40.64 -0.28 -46.44	34.63 -0.12 -37.17
LUTHERNY_35_KV_BK2 355980	31.99 1.44 -4.93	33.61 0.94 -15.46	29.66 1.41 -2.95	31.28 1.50 -2.80	30.48 1.62 0.00	30.48 1.62 0.00	30.97 1.61 0.00	100.75 5.52 0.00	59.80 3.03 0.00	29.14 1.27 0.00	27.42 1.23 0.00	28.15 1.26 0.00	26.19 1.12 0.00	29.59 1.39 0.00	33.51 1.67 0.00	45.43 2.36 0.00	37.70 2.02 -0.06	65.34 3.39 0.00	38.82 1.99 0.00	38.17 1.55 -8.12	79.94 -0.44 -88.70	41.46 0.15 -38.48	40.63 -0.29 -46.44	34.63 -0.12 -37.17
LWR___OSWEGATCHIE_HYD 23850	16.18 -1.99 7.45	16.91 -1.17 -0.86	23.97 -1.49 -0.16	25.46 -1.68 -0.16	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.33 0.00	93.25 -1.98 0.00	56.07 -0.70 0.00	27.60 -0.26 0.00	25.47 -0.73 0.00	25.87 -1.02 0.00	24.12 -0.94 0.00	26.99 -1.20 0.00	30.55 -1.30 0.00	42.04 -1.03 0.00	35.01 -0.61 0.00	60.74 -1.22 0.00	36.09 -0.75 0.00	28.15 -0.80 -0.45	-3.12 0.31 -4.89	4.86 -0.10 -2.12	-2.62 0.34 -2.56	-0.18 0.20 -2.03
LYONS_FALL_HYD 23570	23.12 -0.68 1.82	17.78 -0.38 -0.94	25.04 -0.44 -0.18	26.75 -0.40 -0.17	28.46 -0.40 0.00	28.46 -0.40 0.00	29.32 -0.03 0.00	96.63 1.40 0.00	57.62 0.86 0.00	28.19 0.33 0.00	26.33 0.14 0.00	26.90 0.01 0.00	25.07 0.00 0.00	28.13 -0.06 0.00	31.90 0.06 0.00	43.57 0.49 0.00	36.22 0.60 0.00	63.00 1.04 0.00	37.38 0.55 0.00	29.16 0.17 -0.49	-2.91 0.03 -5.38	5.15 -0.01 -2.34	-2.60 0.10 -2.82	-0.11 0.06 -2.25
MADISON___COUNTY_LFGE 323628	25.95 0.47 0.14	19.04 0.34 -1.49	26.10 0.52 -0.28	27.84 0.60 -0.27	29.50 0.64 0.00	29.50 0.64 0.00	30.19 0.84 0.00	98.55 3.31 0.00	58.68 1.92 0.00	28.63 0.76 0.00	26.81 0.61 0.00	27.42 0.53 0.00	25.55 0.49 0.00	28.69 0.50 0.00	32.50 0.66 0.00	44.25 1.17 0.00	36.69 1.06 -0.01	63.92 1.96 0.00	37.93 1.10 0.00	30.01 0.73 -0.78	0.01 -0.19 -8.53	6.60 0.06 -3.70	-1.15 -0.10 -4.46	1.12 -0.04 -3.57

MALONE___115KV_TB1 356076	14.80 -2.48 8.34	16.33 -1.42 -0.54	23.74 -1.65 -0.10	25.20 -1.88 -0.10	26.82 -2.05 0.00	26.82 -2.05 0.00	27.81 -1.56 0.00	92.94 -2.29 0.00	56.66 -0.11 0.00	28.14 0.28 0.00	25.69 -0.51 0.00	25.90 -0.99 0.00	24.10 -0.96 0.00	27.04 -1.14 0.00	30.55 -1.29 0.00	42.15 -0.92 0.00	34.84 -0.78 0.00	60.45 -1.51 0.00	35.96 -0.87 0.00	28.02 -0.76 -0.28	-5.06 0.25 -3.02	4.07 -0.07 -1.31	-3.57 0.36 -1.58	-0.94 0.25 -1.23
MAPLEWOD_115KV_TB3 80458	31.20 0.75 -4.82	32.84 0.50 -15.13	28.92 0.74 -2.89	30.49 0.77 -2.75	29.70 0.84 0.00	29.70 0.84 0.00	30.12 0.76 0.00	97.74 2.50 0.00	58.03 1.27 0.00	28.37 0.51 0.00	26.77 0.57 0.00	27.55 0.66 0.00	25.66 0.60 0.00	28.99 0.80 0.00	32.74 0.90 0.00	44.33 1.26 0.00	36.84 1.16 -0.06	63.90 1.95 0.00	37.96 1.13 0.00	37.36 0.91 -7.96	78.28 -0.25 -86.85	40.60 0.08 -37.68	39.80 -0.15 -45.47	33.91 -0.06 -36.39
MAPLE_RIDGE_WT_1 323574	6.17 -1.61 17.83	16.61 -0.91 -0.30	24.17 -1.18 -0.06	25.73 -1.31 -0.05	27.48 -1.39 0.00	27.48 -1.39 0.00	28.19 -1.17 0.00	92.55 -2.69 0.00	55.66 -1.11 0.00	27.52 -0.35 0.00	25.60 -0.59 0.00	26.14 -0.75 0.00	24.39 -0.68 0.00	27.39 -0.80 0.00	30.89 -0.95 0.00	42.12 -0.96 0.00	34.84 -0.78 0.00	60.21 -1.74 0.00	35.72 -1.12 0.00	27.61 -1.05 -0.16	-6.24 0.33 -1.75	3.48 -0.12 -0.76	-4.29 0.31 -0.92	-1.55 0.18 -0.69
MAPLE_RIDGE_WT_2 323611	6.17 -1.61 17.83	16.61 -0.91 -0.30	24.17 -1.18 -0.06	25.73 -1.31 -0.05	27.48 -1.39 0.00	27.48 -1.39 0.00	28.19 -1.17 0.00	92.55 -2.69 0.00	55.66 -1.11 0.00	27.52 -0.35 0.00	25.60 -0.59 0.00	26.14 -0.75 0.00	24.39 -0.68 0.00	27.39 -0.80 0.00	30.89 -0.95 0.00	42.12 -0.96 0.00	34.84 -0.78 0.00	60.21 -1.74 0.00	35.72 -1.12 0.00	27.61 -1.05 -0.16	-6.24 0.33 -1.75	3.48 -0.12 -0.76	-4.29 0.31 -0.92	-1.55 0.18 -0.69
MARBLE_RIVER_WT_PWR 323696	-3.62 -2.92 26.32	15.99 -1.71 -0.48	23.37 -2.02 -0.09	24.85 -2.21 -0.09	26.44 -2.42 0.00	26.44 -2.42 0.00	27.40 -1.96 0.00	91.41 -3.83 0.00	55.89 -0.88 0.00	27.79 -0.07 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.84 -1.23 0.00	26.82 -1.36 0.00	30.34 -1.51 0.00	41.78 -1.29 0.00	34.56 -1.06 0.00	59.78 -2.17 0.00	35.55 -1.29 0.00	27.67 -1.08 -0.25	-5.27 0.34 -2.71	3.91 -0.10 -1.18	-3.66 0.44 -1.42	-1.04 0.28 -1.10
MARSHVLE_115KV_TB1 80742	32.70 1.06 -6.01	36.82 0.75 -18.86	30.01 1.12 -3.60	31.59 1.19 -3.42	30.16 1.30 0.00	30.16 1.30 0.00	30.87 1.51 0.00	101.17 5.94 0.00	60.14 3.37 0.00	29.46 1.60 0.00	27.50 1.31 0.00	28.05 1.16 0.00	26.11 1.04 0.00	29.22 1.04 0.00	33.00 1.15 0.00	45.20 2.13 0.00	37.56 1.86 -0.08	65.20 3.25 0.00	38.79 1.95 0.00	39.78 1.36 -9.92	99.55 -0.38 -108.26	49.95 0.14 -46.96	50.89 -0.27 -56.68	42.83 -0.11 -45.36
MARSH_HILL_WT_PWR 323713	26.07 -0.80 -1.25	20.40 -0.74 -3.93	25.12 -0.93 -0.75	27.05 -0.64 -0.71	28.40 -0.46 0.00	28.40 -0.46 0.00	29.08 -0.28 0.00	94.76 -0.47 0.00	57.25 0.48 0.00	29.32 0.34 -1.10	27.17 0.38 -0.59	26.99 0.09 0.00	25.26 0.19 0.00	28.29 0.10 0.00	32.19 0.35 0.00	43.54 0.47 0.00	35.67 0.03 -0.02	61.71 -0.25 0.00	36.40 -0.44 0.00	29.69 -0.87 -2.06	14.56 0.35 -22.54	12.48 -0.13 -9.78	6.58 0.30 -11.80	7.15 0.12 -9.44
MCINTYRE_115KV_TB2 80467	11.73 -1.88 12.00	16.79 -1.04 -0.61	24.12 -1.29 -0.12	25.43 -1.67 -0.11	27.08 -1.79 0.00	27.08 -1.79 0.00	28.02 -1.34 0.00	93.29 -1.94 0.00	56.42 -0.35 0.00	27.89 0.03 0.00	25.46 -0.73 0.00	25.78 -1.11 0.00	24.07 -0.99 0.00	26.84 -1.35 0.00	30.24 -1.60 0.00	41.89 -1.19 0.00	34.94 -0.68 0.00	60.56 -1.39 0.00	36.05 -0.78 0.00	28.17 -0.64 -0.32	-4.67 0.20 -3.46	4.28 -0.06 -1.50	-3.41 0.30 -1.81	-0.79 0.21 -1.41
MECO___69_KV_BK1 80468	33.05 1.71 -5.72	36.30 1.13 -17.95	30.40 1.68 -3.43	32.05 1.81 -3.26	30.83 1.96 0.00	30.83 1.96 0.00	31.61 2.25 0.00	102.88 7.64 0.00	59.76 3.00 0.00	28.58 0.72 0.00	26.63 0.43 0.00	27.37 0.48 0.00	25.55 0.49 0.00	28.56 0.37 0.00	32.74 0.89 0.00	46.19 3.12 0.00	38.66 2.97 -0.07	66.71 4.76 0.00	39.67 2.84 0.00	40.04 2.11 -9.44	94.06 -0.63 -103.02	47.75 0.22 -44.69	48.05 -0.37 -53.93	40.59 -0.16 -43.16
MENANDS_115KV_TB5 355628	31.03 0.60 -4.82	32.71 0.39 -15.10	28.76 0.58 -2.88	30.32 0.60 -2.74	29.50 0.64 0.00	29.50 0.64 0.00	29.91 0.55 0.00	97.06 1.83 0.00	57.63 0.86 0.00	28.21 0.34 0.00	26.63 0.43 0.00	27.42 0.53 0.00	25.53 0.47 0.00	28.84 0.65 0.00	32.57 0.72 0.00	44.06 0.98 0.00	36.61 0.93 -0.06	63.45 1.49 0.00	37.70 0.87 0.00	37.16 0.72 -7.94	78.17 -0.19 -86.69	40.51 0.07 -37.61	39.75 -0.11 -45.38	33.86 -0.05 -36.32
MG INDUSTRY___DRP 24185	30.96 0.56 -4.77	32.56 0.37 -14.97	28.69 0.53 -2.86	30.27 0.58 -2.72	29.47 0.61 0.00	29.47 0.61 0.00	29.92 0.57 0.00	97.00 1.77 0.00	57.66 0.89 0.00	28.27 0.40 0.00	26.67 0.47 0.00	27.45 0.55 0.00	25.55 0.48 0.00	28.82 0.63 0.00	32.55 0.71 0.00	44.01 0.94 0.00	36.52 0.84 -0.06	63.37 1.42 0.00	37.66 0.83 0.00	37.05 0.68 -7.87	77.43 -0.18 -85.94	40.18 0.07 -37.28	39.35 -0.12 -44.99	33.54 -0.05 -36.01
MID___OSWEGATCHIE_HYD 23849	16.18 -1.99 7.45	16.91 -1.17 -0.86	23.97 -1.49 -0.16	25.46 -1.68 -0.16	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.33 0.00	93.25 -1.98 0.00	56.07 -0.70 0.00	27.60 -0.26 0.00	25.47 -0.73 0.00	25.87 -1.02 0.00	24.12 -0.94 0.00	26.99 -1.20 0.00	30.55 -1.30 0.00	42.04 -1.03 0.00	35.01 -0.61 0.00	60.74 -1.22 0.00	36.09 -0.75 0.00	28.15 -0.80 -0.45	-3.12 0.31 -4.89	4.86 -0.10 -2.12	-2.62 0.34 -2.56	-0.18 0.20 -2.03
MID___RAQUETTE_HYD 23851	12.36 -2.23 11.03	16.59 -1.27 -0.64	23.80 -1.62 -0.12	25.14 -1.96 -0.12	26.76 -2.11 0.00	26.76 -2.11 0.00	27.67 -1.69 0.00	92.05 -3.18 0.00	55.78 -0.98 0.00	27.65 -0.22 0.00	25.29 -0.90 0.00	25.60 -1.29 0.00	23.88 -1.18 0.00	26.67 -1.52 0.00	30.07 -1.78 0.00	41.52 -1.55 0.00	34.50 -1.12 0.00	59.75 -2.21 0.00	35.56 -1.28 0.00	27.77 -1.06 -0.33	-4.33 0.34 -3.66	4.32 -0.10 -1.59	-3.23 0.38 -1.92	-0.67 0.24 -1.50
MILLIKEN___1 23584	27.56 0.73 -1.21	21.45 0.44 -3.80	26.68 0.66 -0.72	28.38 0.71 -0.69	29.62 0.75 0.00	29.62 0.75 0.00	30.25 0.89 0.00	98.39 3.16 0.00	58.58 1.81 0.00	28.72 0.70 -0.14	26.82 0.54 -0.08	27.39 0.50 0.00	25.59 0.53 0.00	28.74 0.55 0.00	32.55 0.71 0.00	44.12 1.04 0.00	36.49 0.86 -0.02	63.70 1.75 0.00	37.86 1.03 0.00	31.20 0.71 -2.00	13.25 -0.21 -21.79	12.35 0.06 -9.45	5.75 -0.13 -11.41	6.65 -0.06 -9.13
MILLIKEN___2 23585	27.56 0.73 -1.21	21.45 0.44 -3.80	26.68 0.66 -0.72	28.38 0.71 -0.69	29.62 0.75 0.00	29.62 0.75 0.00	30.25 0.89 0.00	98.39 3.16 0.00	58.58 1.81 0.00	28.72 0.70 -0.14	26.82 0.54 -0.08	27.39 0.50 0.00	25.59 0.53 0.00	28.74 0.55 0.00	32.55 0.71 0.00	44.12 1.04 0.00	36.49 0.86 -0.02	63.70 1.75 0.00	37.86 1.03 0.00	31.20 0.71 -2.00	13.25 -0.21 -21.79	12.35 0.06 -9.45	5.75 -0.13 -11.41	6.65 -0.06 -9.13

MILLIKEN___DIESEL 23629	27.56 0.73 -1.21	21.45 0.44 -3.80	26.68 0.66 -0.72	28.38 0.71 -0.69	29.62 0.75 0.00	29.62 0.75 0.00	30.25 0.89 0.00	98.39 3.16 0.00	58.58 1.81 0.00	28.72 0.70 -0.14	26.82 0.54 -0.08	27.39 0.50 0.00	25.59 0.53 0.00	28.74 0.55 0.00	32.55 0.71 0.00	44.12 1.04 0.00	36.49 0.86 -0.02	63.70 1.75 0.00	37.86 1.03 0.00	31.20 0.71 -2.00	13.25 -0.21 -21.79	12.35 0.06 -9.45	5.75 -0.13 -11.41	6.65 -0.06 -9.13
MILLSEAT___LFGE 323607	26.88 0.24 -1.02	20.46 0.06 -3.18	26.03 0.13 -0.61	27.58 0.02 -0.58	28.89 0.03 0.00	28.89 0.03 0.00	29.41 0.05 0.00	95.37 0.14 0.00	57.60 0.83 0.00	29.71 0.42 -1.42	26.90 -0.06 -0.77	26.57 -0.32 0.00	25.02 -0.05 0.00	27.78 -0.41 0.00	31.36 -0.49 0.00	42.49 -0.58 0.00	34.85 -0.78 -0.01	60.86 -1.09 0.00	36.18 -0.65 0.00	29.27 -0.90 -1.67	10.16 0.22 -18.27	10.67 -0.09 -7.93	4.07 0.02 -9.56	5.20 -0.04 -7.65
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.87 1.31 -3.94	30.42 0.85 -12.36	28.88 1.22 -2.36	30.55 1.32 -2.24	30.28 1.41 0.00	30.28 1.41 0.00	30.83 1.47 0.00	100.26 5.02 0.00	59.63 2.86 0.00	29.44 1.57 0.00	27.83 1.63 0.00	28.67 1.78 0.00	26.63 1.56 0.00	30.04 1.86 0.00	33.87 2.03 0.00	45.52 2.45 0.00	37.68 2.01 -0.05	65.49 3.54 0.00	38.95 2.11 0.00	36.68 1.68 -6.50	62.16 -0.47 -70.96	33.78 0.16 -30.78	31.32 -0.32 -37.15	27.18 -0.14 -29.73
MILLWOOD_13_KV_LOAD 356217	30.94 1.38 -3.94	30.46 0.89 -12.36	28.94 1.29 -2.36	30.62 1.39 -2.24	30.37 1.50 0.00	30.37 1.50 0.00	30.91 1.55 0.00	100.53 5.29 0.00	59.80 3.03 0.00	29.52 1.65 0.00	27.90 1.71 0.00	28.75 1.85 0.00	26.70 1.63 0.00	30.12 1.93 0.00	33.96 2.12 0.00	45.65 2.58 0.00	37.78 2.11 -0.05	65.68 3.72 0.00	39.07 2.23 0.00	36.76 1.76 -6.50	62.14 -0.50 -70.96	33.79 0.17 -30.78	31.30 -0.33 -37.15	27.17 -0.14 -29.73
MODEL_CITY_ENERGY 24167	26.04 -0.62 -1.04	19.97 -0.50 -3.26	25.21 -0.71 -0.62	26.68 -0.89 -0.59	27.91 -0.95 0.00	27.91 -0.95 0.00	28.30 -1.06 0.00	91.13 -4.11 0.00	55.22 -1.55 0.00	29.17 -0.54 -1.85	26.26 -0.93 -1.00	25.68 -1.21 0.00	24.19 -0.87 0.00	26.80 -1.39 0.00	30.20 -1.64 0.00	40.82 -2.25 0.00	33.34 -2.29 -0.01	58.07 -3.89 0.00	34.52 -2.32 0.00	28.03 -2.18 -1.71	10.96 0.59 -18.70	10.73 -0.22 -8.11	4.50 0.23 -9.79	5.46 0.04 -7.84
MODERN_LFGE___ 323580	26.04 -0.62 -1.04	19.97 -0.50 -3.26	25.21 -0.71 -0.62	26.68 -0.89 -0.59	27.91 -0.95 0.00	27.91 -0.95 0.00	28.30 -1.06 0.00	91.13 -4.11 0.00	55.22 -1.55 0.00	29.17 -0.54 -1.85	26.26 -0.93 -1.00	25.68 -1.21 0.00	24.19 -0.87 0.00	26.80 -1.39 0.00	30.20 -1.64 0.00	40.82 -2.25 0.00	33.34 -2.29 -0.01	58.07 -3.89 0.00	34.52 -2.32 0.00	28.03 -2.18 -1.71	10.96 0.59 -18.70	10.73 -0.22 -8.11	4.50 0.23 -9.79	5.46 0.04 -7.84
MOHAWK_PAPER___DRP 24187	31.20 0.75 -4.82	32.84 0.50 -15.13	28.92 0.74 -2.89	30.49 0.77 -2.75	29.70 0.84 0.00	29.70 0.84 0.00	30.12 0.76 0.00	97.74 2.50 0.00	58.03 1.27 0.00	28.37 0.51 0.00	26.77 0.57 0.00	27.55 0.66 0.00	25.66 0.60 0.00	28.99 0.80 0.00	32.74 0.90 0.00	44.33 1.26 0.00	36.84 1.16 -0.06	63.90 1.95 0.00	37.96 1.13 0.00	37.36 0.91 -7.96	78.28 -0.25 -86.85	40.60 0.08 -37.68	39.80 -0.15 -45.47	33.91 -0.06 -36.39
MOHICAN___35_KV_115KV_LD 80490	32.29 1.74 -4.93	33.85 1.17 -15.47	30.02 1.77 -2.95	31.60 1.81 -2.81	30.80 1.93 0.00	30.80 1.93 0.00	31.37 2.01 0.00	102.61 7.37 0.00	60.99 4.22 0.00	29.56 1.70 0.00	27.76 1.56 0.00	28.42 1.53 0.00	26.42 1.36 0.00	29.84 1.65 0.00	33.88 2.04 0.00	45.79 2.72 0.00	38.01 2.33 -0.06	65.73 3.78 0.00	39.01 2.17 0.00	38.30 1.67 -8.13	79.96 -0.50 -88.78	41.51 0.16 -38.52	40.63 -0.33 -46.48	34.63 -0.15 -37.20
MONGAUP___HYD 23641	30.70 1.41 -3.66	29.62 0.92 -11.49	28.81 1.33 -2.19	30.48 1.42 -2.09	30.39 1.53 0.00	30.39 1.53 0.00	30.97 1.61 0.00	100.64 5.40 0.00	59.53 2.77 0.00	29.19 1.32 0.00	27.40 1.21 0.00	28.13 1.24 0.00	26.12 1.05 0.00	29.49 1.30 0.00	33.32 1.47 0.00	45.17 2.09 0.00	37.53 1.86 -0.05	65.26 3.31 0.00	39.07 2.24 0.00	36.39 1.85 -6.04	57.18 -0.47 -65.97	31.63 0.18 -28.62	28.71 -0.32 -34.54	25.09 -0.14 -27.64
MONTAUK___DIESEL 23721	32.28 2.70 -3.95	31.35 1.73 -12.40	30.16 2.50 -2.37	31.89 2.66 -2.25	31.72 2.86 0.00	31.72 2.86 0.00	31.70 2.99 0.65	93.61 7.83 9.46	64.07 5.20 -2.11	30.92 3.05 0.00	29.23 3.03 0.00	35.23 3.14 -5.20	27.87 2.81 0.00	31.48 3.30 0.00	35.63 3.79 0.00	62.13 4.78 -14.27	87.72 4.09 -48.01	76.60 7.21 -7.44	41.26 4.42 0.00	38.41 3.38 -6.52	61.95 -0.94 -71.22	34.06 0.33 -30.90	31.15 -0.62 -37.29	27.16 -0.27 -29.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.72 -0.01 -1.11	20.65 -0.05 -3.48	26.20 0.24 -0.66	28.00 0.38 -0.63	29.27 0.40 0.00	29.27 0.40 0.00	29.79 0.42 0.00	97.34 2.10 0.00	58.59 1.82 0.00	30.77 1.08 -1.82	28.04 0.86 -0.98	27.70 0.81 0.00	25.99 0.93 0.00	28.91 0.72 0.00	32.67 0.83 0.00	44.12 1.05 0.00	35.69 0.06 -0.02	61.95 -0.01 0.00	36.33 -0.51 0.00	29.25 -1.07 -1.83	11.96 0.30 -19.98	11.36 -0.14 -8.67	5.09 0.15 -10.46	6.00 0.04 -8.37
MORTIMER_115KV_TB3 55949	27.04 0.49 -0.93	20.40 0.26 -2.93	26.23 0.38 -0.56	27.84 0.33 -0.53	29.21 0.35 0.00	29.21 0.35 0.00	29.77 0.42 0.00	96.92 1.69 0.00	58.23 1.47 0.00	28.46 0.59 0.00	26.42 0.23 0.00	26.92 0.03 0.00	25.28 0.21 0.00	28.16 -0.03 0.00	31.82 -0.02 0.00	43.17 0.09 0.00	35.57 -0.05 -0.01	62.19 0.23 0.00	36.97 0.13 0.00	29.86 -0.17 -1.54	8.49 0.02 -16.79	10.10 -0.02 -7.28	3.22 -0.05 -8.79	4.56 -0.05 -7.03
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.99 1.42 -3.95	30.54 0.92 -12.41	28.99 1.33 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.76 5.52 0.00	59.89 3.12 0.00	29.64 1.78 0.00	28.03 1.84 0.00	28.91 2.02 0.00	26.85 1.78 0.00	30.28 2.09 0.00	34.11 2.27 0.00	45.81 2.74 0.00	37.90 2.23 -0.05	65.88 3.92 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.40 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
MUNSVILLE_WIND_PWR 323609	29.39 2.13 -1.64	23.76 1.40 -5.14	28.25 1.98 -0.98	30.16 2.24 -0.93	31.38 2.51 0.00	31.38 2.51 0.00	32.32 2.96 0.00	106.24 11.00 0.00	62.84 6.07 0.00	30.66 2.54 -0.25	28.44 2.11 -0.14	28.96 2.07 0.00	27.03 1.96 0.00	30.32 2.14 0.00	34.47 2.62 0.00	47.10 4.03 0.00	39.03 3.39 -0.02	68.35 6.39 0.00	40.42 3.59 0.00	33.59 2.39 -2.70	20.56 -0.61 -29.49	15.83 0.20 -12.79	9.57 -0.36 -15.44	9.80 -0.14 -12.36
N SALMON___HYD 24042	14.78 -2.50 8.34	16.33 -1.42 -0.54	23.74 -1.65 -0.10	25.20 -1.88 -0.10	26.82 -2.05 0.00	26.82 -2.05 0.00	27.81 -1.56 0.00	92.94 -2.29 0.00	56.67 -0.10 0.00	28.14 0.27 0.00	25.69 -0.51 0.00	25.90 -1.00 0.00	24.10 -0.96 0.00	27.04 -1.14 0.00	30.55 -1.29 0.00	42.15 -0.92 0.00	34.84 -0.78 0.00	60.45 -1.51 0.00	35.97 -0.87 0.00	28.02 -0.76 -0.28	-5.06 0.25 -3.02	4.07 -0.07 -1.31	-3.57 0.37 -1.58	-0.94 0.25 -1.23

N.AKRON__115KV_KNAPP 355671	26.71 0.06 -1.02	20.38 -0.05 -3.21	25.88 -0.03 -0.61	27.40 -0.17 -0.58	28.69 -0.17 0.00	28.69 -0.17 0.00	29.17 -0.19 0.00	94.44 -0.79 0.00	57.11 0.34 0.00	29.68 0.25 -1.57	26.83 -0.21 -0.85	26.42 -0.47 0.00	24.88 -0.19 0.00	27.60 -0.59 0.00	31.13 -0.71 0.00	42.11 -0.97 0.00	34.51 -1.12 -0.01	60.21 -1.75 0.00	35.81 -1.03 0.00	28.97 -1.21 -1.69	10.41 0.31 -18.43	10.70 -0.13 -7.99	4.20 0.07 -9.65	5.28 -0.02 -7.72
N.BELMOR_69_KV_BK1 55787	31.46 1.88 -3.95	30.82 1.21 -12.40	29.38 1.72 -2.37	31.07 1.84 -2.25	30.83 1.96 0.00	30.83 1.96 0.00	30.96 1.94 0.34	98.77 5.90 2.36	62.54 3.67 -2.11	30.03 2.16 0.00	28.44 2.24 0.00	34.50 2.41 -5.20	27.15 2.09 0.00	30.62 2.43 0.00	34.55 2.71 0.00	60.55 3.21 -14.27	86.19 2.56 -48.01	73.97 4.58 -7.44	39.60 2.77 0.00	37.17 2.15 -6.52	62.31 -0.59 -71.22	33.94 0.21 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84
N.E_GEN_SANDY PD 24062	31.01 0.95 -4.43	31.72 0.60 -13.90	29.12 0.92 -2.91	30.44 0.93 -2.52	29.87 1.01 0.00	29.87 1.01 0.00	30.30 0.94 0.00	134.45 3.32 -35.89	16.59 1.83 42.01	24.66 0.79 4.00	27.07 0.87 0.00	27.88 0.99 0.00	25.91 0.85 0.00	29.29 1.10 0.00	33.06 1.22 0.00	45.54 1.58 -0.89	35.97 1.45 1.10	64.04 2.42 0.33	38.23 1.39 0.00	36.96 1.15 -7.31	71.16 -0.32 -79.80	37.56 0.11 -34.62	40.20 -0.21 -45.92	31.21 -0.09 -33.72
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.79 1.34 -3.83	30.11 0.88 -12.02	28.85 1.26 -2.29	30.53 1.37 -2.18	30.34 1.47 0.00	30.34 1.47 0.00	30.89 1.53 0.00	100.38 5.14 0.00	59.72 2.95 0.00	29.48 1.62 0.00	27.88 1.68 0.00	28.71 1.82 0.00	26.67 1.61 0.00	30.10 1.91 0.00	33.95 2.11 0.00	45.61 2.53 0.00	37.70 2.03 -0.05	65.55 3.60 0.00	38.98 2.15 0.00	36.53 1.71 -6.32	60.22 -0.48 -69.03	32.95 0.17 -29.95	30.29 -0.33 -36.14	26.36 -0.14 -28.92
N.QUEENS_27_KV_LOAD 356247	31.03 1.46 -3.95	30.58 0.96 -12.40	29.03 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.07 1.71 0.00	101.39 6.16 0.00	60.21 3.45 0.00	29.78 1.91 0.00	28.11 1.91 0.00	29.00 2.11 0.00	26.92 1.86 0.00	30.37 2.18 0.00	34.17 2.32 0.00	45.88 2.81 0.00	37.98 2.31 -0.05	65.99 4.03 0.00	39.28 2.45 0.00	36.97 1.95 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.16 -29.85
N.TROY___115KV_TB1 355778	31.42 0.96 -4.85	33.04 0.62 -15.20	29.14 0.94 -2.90	30.70 0.96 -2.76	29.90 1.04 0.00	29.90 1.04 0.00	30.31 0.95 0.00	98.49 3.25 0.00	58.48 1.71 0.00	28.53 0.66 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.79 0.72 0.00	29.14 0.95 0.00	32.95 1.11 0.00	44.60 1.52 0.00	37.05 1.37 -0.06	64.19 2.24 0.00	38.13 1.29 0.00	37.55 1.06 -7.99	78.62 -0.30 -87.25	40.79 0.10 -37.85	39.97 -0.19 -45.68	34.06 -0.08 -36.56
NARROWS_GT1_1 24228	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_2 24229	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_3 24230	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_4 24231	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_5 24232	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_6 24233	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_7 24234	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT1_8 24235	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_1 24236	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85

NARROWS_GT2_2 24237	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_3 24238	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_4 24239	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_5 24240	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_6 24241	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_7 24242	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NARROWS_GT2_8 24243	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.61 1.43 -4.56	32.46 0.95 -14.30	29.45 1.43 -2.73	31.08 1.50 -2.59	30.48 1.62 0.00	30.48 1.62 0.00	31.02 1.67 0.00	100.73 5.49 0.00	59.16 2.39 0.00	28.80 0.93 0.00	26.96 0.77 0.00	27.69 0.80 0.00	25.81 0.75 0.00	29.18 0.99 0.00	33.13 1.29 0.00	45.21 2.14 0.00	37.99 2.32 -0.06	66.27 4.32 0.00	39.37 2.53 0.00	37.98 1.97 -7.51	73.11 -0.54 -81.98	38.58 0.18 -35.56	37.10 -0.30 -42.92	31.80 -0.13 -34.35
NCHELSEA_115KV_TR2 355582	31.06 1.45 -3.99	30.67 0.94 -12.51	29.04 1.36 -2.39	30.71 1.46 -2.27	30.42 1.56 0.00	30.42 1.56 0.00	31.01 1.65 0.00	100.97 5.74 0.00	60.04 3.27 0.00	29.52 1.66 0.00	27.86 1.67 0.00	28.66 1.77 0.00	26.60 1.53 0.00	30.00 1.81 0.00	33.89 2.05 0.00	45.68 2.61 0.00	37.87 2.20 -0.05	65.84 3.89 0.00	39.16 2.32 0.00	36.92 1.83 -6.59	63.13 -0.52 -71.97	34.24 0.18 -31.22	31.82 -0.34 -37.68	27.59 -0.15 -30.16
NEG CAPITAL___MECHNVIL 23645	31.93 1.40 -4.90	33.52 0.93 -15.38	29.62 1.39 -2.94	31.22 1.45 -2.79	30.42 1.56 0.00	30.42 1.56 0.00	30.92 1.56 0.00	100.63 5.39 0.00	59.66 2.89 0.00	29.07 1.20 0.00	27.42 1.22 0.00	28.17 1.28 0.00	26.20 1.14 0.00	29.59 1.40 0.00	33.51 1.67 0.00	45.40 2.33 0.00	37.72 2.04 -0.06	65.42 3.46 0.00	38.86 2.02 0.00	38.16 1.57 -8.08	79.47 -0.45 -88.25	41.27 0.15 -38.28	40.39 -0.29 -46.20	34.44 -0.12 -36.98
NEG CENTRAL_HIGH_ACRES 23767	26.06 -0.46 -0.90	19.67 -0.36 -2.82	25.30 -0.53 -0.54	26.88 -0.61 -0.51	28.20 -0.66 0.00	28.20 -0.66 0.00	28.69 -0.67 0.00	93.07 -2.16 0.00	55.79 -0.97 0.00	26.30 -0.48 1.08	24.99 -0.63 0.58	26.12 -0.77 0.00	24.49 -0.58 0.00	27.36 -0.83 0.00	30.88 -0.96 0.00	41.86 -1.21 0.00	34.43 -1.20 -0.01	60.01 -1.95 0.00	35.63 -1.20 0.00	28.92 -1.06 -1.48	8.14 0.27 -16.19	9.75 -0.10 -7.02	3.09 0.13 -8.48	4.41 0.04 -6.79
NEG CENTRAL___DRP 24199	26.86 0.30 -0.93	20.27 0.13 -2.93	26.06 0.21 -0.56	27.75 0.24 -0.53	29.12 0.26 0.00	29.12 0.26 0.00	29.73 0.37 0.00	96.62 1.38 0.00	57.59 0.82 0.00	28.06 0.33 0.14	26.35 0.23 0.07	27.04 0.15 0.00	25.30 0.23 0.00	28.36 0.17 0.00	32.13 0.29 0.00	43.43 0.36 0.00	35.85 0.21 -0.01	62.36 0.40 0.00	37.07 0.23 0.00	30.12 0.09 -1.54	8.43 -0.04 -16.79	10.12 0.00 -7.28	3.24 -0.03 -8.79	4.60 -0.02 -7.03
NEG CENTRAL___INDECK 23768	27.22 0.48 -1.12	20.92 0.20 -3.50	26.33 0.36 -0.67	28.06 0.45 -0.64	29.39 0.52 0.00	29.39 0.52 0.00	30.07 0.71 0.00	98.46 3.22 0.00	58.86 2.10 0.00	30.56 0.62 -2.07	27.75 0.44 -1.12	27.17 0.28 0.00	25.52 0.46 0.00	28.52 0.33 0.00	32.23 0.39 0.00	43.60 0.53 0.00	36.11 0.48 -0.02	63.33 1.37 0.00	37.56 0.73 0.00	30.52 0.19 -1.84	11.70 -0.05 -20.08	11.54 0.00 -8.71	4.95 -0.04 -10.51	5.96 -0.04 -8.41
NEG CENTRAL___SENECA 23627	27.07 0.46 -0.99	20.54 0.21 -3.11	26.22 0.34 -0.59	27.95 0.40 -0.57	29.30 0.43 0.00	29.30 0.43 0.00	29.95 0.59 0.00	97.45 2.22 0.00	58.08 1.31 0.00	28.26 0.57 0.18	26.55 0.45 0.10	27.25 0.36 0.00	25.51 0.44 0.00	28.58 0.39 0.00	32.40 0.56 0.00	43.76 0.69 0.00	36.09 0.46 -0.01	62.73 0.78 0.00	37.27 0.43 0.00	30.34 0.21 -1.64	9.47 -0.07 -17.86	10.60 0.01 -7.75	3.78 -0.05 -9.35	5.04 -0.03 -7.48
NEG CENTRAL___STATE_STREET 24147	26.95 0.41 -0.92	20.33 0.23 -2.88	26.21 0.37 -0.55	27.81 0.31 -0.52	29.18 0.32 0.00	29.18 0.32 0.00	29.75 0.39 0.00	96.52 1.28 0.00	57.52 0.76 0.00	28.02 0.28 0.13	26.32 0.19 0.07	27.03 0.14 0.00	25.26 0.19 0.00	28.34 0.14 0.00	32.08 0.24 0.00	43.43 0.35 0.00	35.88 0.25 -0.01	62.48 0.53 0.00	37.16 0.33 0.00	30.20 0.19 -1.51	8.14 -0.07 -16.53	10.02 0.02 -7.17	3.09 -0.05 -8.65	4.48 -0.03 -6.92

NEG MILLWOOD___DRP 24198	31.18 1.54 -4.01	30.80 0.99 -12.59	29.15 1.45 -2.40	30.82 1.56 -2.28	30.54 1.67 0.00	30.54 1.67 0.00	31.14 1.78 0.00	101.45 6.21 0.00	60.33 3.56 0.00	29.69 1.82 0.00	28.01 1.82 0.00	28.82 1.93 0.00	26.75 1.68 0.00	30.17 1.98 0.00	34.05 2.20 0.00	45.84 2.77 0.00	38.00 2.33 -0.05	66.11 4.16 0.00	39.32 2.48 0.00	37.08 1.95 -6.63	63.51 -0.55 -72.39	34.43 0.19 -31.40	32.02 -0.36 -37.90	27.76 -0.15 -30.33
NEG NORTH_FLCN_SEA 23793	-3.54 -2.79 26.37	16.07 -1.63 -0.48	23.48 -1.91 -0.09	25.01 -2.06 -0.09	26.58 -2.28 0.00	26.58 -2.28 0.00	27.59 -1.77 0.00	92.27 -2.96 0.00	56.42 -0.34 0.00	27.98 0.11 0.00	25.63 -0.56 0.00	25.82 -1.07 0.00	24.01 -1.06 0.00	27.05 -1.14 0.00	30.60 -1.24 0.00	42.06 -1.02 0.00	34.91 -0.71 0.00	60.54 -1.41 0.00	36.06 -0.77 0.00	28.08 -0.67 -0.25	-5.37 0.22 -2.72	3.95 -0.07 -1.18	-3.74 0.36 -1.43	-1.06 0.25 -1.10
NEG NORTH_KES_CHATEGAY 23792	-3.96 -2.89 26.70	16.02 -1.69 -0.50	23.40 -1.99 -0.09	24.88 -2.20 -0.09	26.47 -2.40 0.00	26.47 -2.40 0.00	27.43 -1.94 0.00	91.55 -3.69 0.00	55.93 -0.83 0.00	27.83 -0.04 0.00	25.43 -0.76 0.00	25.63 -1.26 0.00	23.83 -1.23 0.00	26.81 -1.38 0.00	30.31 -1.54 0.00	41.79 -1.28 0.00	34.44 -1.18 0.00	59.76 -2.20 0.00	35.54 -1.30 0.00	27.65 -1.10 -0.26	-5.17 0.35 -2.80	3.95 -0.10 -1.22	-3.61 0.44 -1.47	-1.00 0.28 -1.14
NEG NORTH___ALICE_FALLS 23915	-3.48 -2.68 26.42	16.14 -1.56 -0.48	23.59 -1.80 -0.09	25.11 -1.96 -0.09	26.70 -2.16 0.00	26.70 -2.16 0.00	27.72 -1.63 0.00	92.80 -2.44 0.00	56.71 -0.06 0.00	28.09 0.23 0.00	25.70 -0.50 0.00	25.88 -1.02 0.00	24.05 -1.01 0.00	27.09 -1.10 0.00	30.65 -1.19 0.00	42.18 -0.89 0.00	35.08 -0.54 0.00	60.84 -1.12 0.00	36.19 -0.64 0.00	28.16 -0.58 -0.25	-5.39 0.19 -2.74	3.96 -0.06 -1.19	-3.74 0.34 -1.43	-1.06 0.25 -1.11
NEG NORTH___LWR_SARANAC 23913	-3.48 -2.68 26.42	16.14 -1.56 -0.48	23.59 -1.80 -0.09	25.11 -1.96 -0.09	26.70 -2.16 0.00	26.70 -2.16 0.00	27.72 -1.63 0.00	92.80 -2.44 0.00	56.71 -0.06 0.00	28.09 0.23 0.00	25.70 -0.50 0.00	25.88 -1.02 0.00	24.05 -1.01 0.00	27.09 -1.10 0.00	30.65 -1.19 0.00	42.18 -0.89 0.00	35.08 -0.54 0.00	60.84 -1.12 0.00	36.19 -0.64 0.00	28.16 -0.58 -0.25	-5.39 0.19 -2.74	3.96 -0.06 -1.19	-3.74 0.34 -1.43	-1.06 0.25 -1.11
NEG NORTH___PLATTSBURG 23628	-3.50 -2.71 26.42	16.14 -1.56 -0.48	23.59 -1.80 -0.09	25.11 -1.96 -0.09	26.70 -2.17 0.00	26.70 -2.17 0.00	27.72 -1.64 0.00	92.78 -2.45 0.00	56.71 -0.06 0.00	28.09 0.23 0.00	25.70 -0.50 0.00	25.88 -1.02 0.00	24.05 -1.01 0.00	27.09 -1.10 0.00	30.65 -1.19 0.00	42.18 -0.89 0.00	35.08 -0.54 0.00	60.84 -1.12 0.00	36.19 -0.64 0.00	28.17 -0.58 -0.25	-5.39 0.19 -2.74	3.96 -0.06 -1.19	-3.74 0.35 -1.43	-1.06 0.25 -1.11
NEG WEST_LEA_LOCKPORT 23791	26.34 -0.32 -1.04	20.17 -0.30 -3.25	25.51 -0.41 -0.62	27.01 -0.56 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.67 -0.70 0.00	92.50 -2.74 0.00	56.02 -0.75 0.00	29.44 -0.21 -1.78	26.56 -0.59 -0.96	26.03 -0.86 0.00	24.52 -0.54 0.00	27.18 -1.01 0.00	30.63 -1.21 0.00	41.39 -1.69 0.00	33.82 -1.81 -0.01	58.93 -3.02 0.00	35.04 -1.80 0.00	28.40 -1.81 -1.71	10.81 0.47 -18.66	10.75 -0.19 -8.09	4.42 0.17 -9.77	5.42 0.02 -7.82
NEG WEST___LANCASTR 23811	27.15 0.42 -1.11	20.84 0.15 -3.47	26.28 0.32 -0.66	27.87 0.26 -0.63	29.15 0.29 0.00	29.15 0.29 0.00	29.63 0.27 0.00	96.18 0.94 0.00	58.08 1.31 0.00	30.43 0.74 -1.81	27.63 0.46 -0.98	27.17 0.28 0.00	25.56 0.49 0.00	28.40 0.22 0.00	32.07 0.23 0.00	43.19 0.11 0.00	35.16 -0.47 -0.02	61.35 -0.60 0.00	36.45 -0.39 0.00	29.64 -0.69 -1.83	11.80 0.19 -19.93	11.40 -0.09 -8.65	4.92 0.01 -10.44	5.90 -0.04 -8.35
NEG_PENN_ALLEGHNY 23528	27.90 0.55 -1.73	22.94 0.30 -5.42	26.76 0.43 -1.04	28.47 0.50 -0.98	29.39 0.52 0.00	29.39 0.52 0.00	30.00 0.63 0.00	97.43 2.19 0.00	58.17 1.41 0.00	28.86 0.62 -0.37	26.97 0.57 -0.20	27.48 0.58 0.00	25.65 0.58 0.00	28.79 0.60 0.00	32.59 0.75 0.00	43.95 0.87 0.00	36.17 0.53 -0.02	63.07 1.12 0.00	37.48 0.65 0.00	31.75 0.41 -2.85	22.67 -0.11 -31.11	16.36 0.03 -13.50	10.67 -0.09 -16.28	10.57 -0.05 -13.03
NEG___GEN_MONROE 24207	27.21 0.65 -0.94	20.52 0.37 -2.94	26.42 0.57 -0.56	28.01 0.50 -0.53	29.38 0.52 0.00	29.38 0.52 0.00	29.97 0.61 0.00	97.58 2.35 0.00	58.66 1.90 0.00	28.82 0.82 -0.14	26.62 0.36 -0.07	27.04 0.14 0.00	25.41 0.34 0.00	28.28 0.09 0.00	31.95 0.11 0.00	43.36 0.28 0.00	35.74 0.11 -0.01	62.51 0.55 0.00	37.18 0.35 0.00	30.00 -0.04 -1.55	8.53 -0.02 -16.87	10.14 -0.01 -7.32	3.23 -0.09 -8.83	4.58 -0.08 -7.07
NEPA___ENERGY 23901	27.18 0.44 -1.12	20.86 0.13 -3.51	26.24 0.27 -0.67	27.89 0.27 -0.64	29.07 0.20 0.00	29.07 0.20 0.00	29.68 0.32 0.00	96.52 1.28 0.00	58.23 1.46 0.00	30.29 0.63 -1.80	27.66 0.49 -0.97	27.40 0.51 0.00	25.74 0.67 0.00	28.65 0.46 0.00	32.45 0.61 0.00	43.42 0.34 0.00	35.16 -0.47 -0.02	61.45 -0.51 0.00	36.46 -0.38 0.00	29.70 -0.64 -1.85	12.02 0.18 -20.17	11.51 -0.08 -8.75	5.04 -0.01 -10.56	6.00 -0.03 -8.45
NEVERSINK___HYD 23608	30.63 1.36 -3.65	29.54 0.89 -11.44	28.75 1.27 -2.18	30.45 1.39 -2.07	30.37 1.50 0.00	30.37 1.50 0.00	30.98 1.62 0.00	100.83 5.60 0.00	59.88 3.11 0.00	29.36 1.49 0.00	27.64 1.45 0.00	28.25 1.36 0.00	25.66 0.60 0.00	28.84 0.65 0.00	32.50 0.66 0.00	43.91 0.84 0.00	36.45 0.79 -0.05	63.50 1.55 0.00	37.80 0.96 0.00	35.33 0.82 -6.01	56.79 -0.46 -65.58	31.45 0.16 -28.45	28.51 -0.31 -34.33	24.93 -0.14 -27.48
NEWKRMKL_115KV_TB1 55635	30.90 0.46 -4.82	32.63 0.30 -15.11	28.62 0.44 -2.88	30.18 0.46 -2.74	29.36 0.49 0.00	29.36 0.49 0.00	29.80 0.43 0.00	96.69 1.45 0.00	57.42 0.65 0.00	28.12 0.25 0.00	26.52 0.33 0.00	27.31 0.42 0.00	25.43 0.36 0.00	28.71 0.52 0.00	32.43 0.59 0.00	43.89 0.82 0.00	36.46 0.78 -0.06	63.24 1.28 0.00	37.56 0.73 0.00	37.05 0.61 -7.94	78.24 -0.16 -86.72	40.51 0.06 -37.62	39.79 -0.09 -45.40	33.88 -0.04 -36.34
NEWTON___FALLS_HYD 23847	16.18 -1.99 7.45	16.91 -1.17 -0.86	23.97 -1.49 -0.16	25.46 -1.68 -0.16	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.33 0.00	93.25 -1.98 0.00	56.07 -0.70 0.00	27.60 -0.26 0.00	25.47 -0.73 0.00	25.87 -1.02 0.00	24.12 -0.94 0.00	26.99 -1.20 0.00	30.55 -1.30 0.00	42.04 -1.03 0.00	35.01 -0.61 0.00	60.74 -1.22 0.00	36.09 -0.75 0.00	28.15 -0.80 -0.45	-3.12 0.31 -4.89	4.86 -0.10 -2.12	-2.62 0.34 -2.56	-0.18 0.20 -2.03
NGRID_A1_DSASP 323792	25.95 -0.70 -1.03	19.88 -0.58 -3.25	25.09 -0.82 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.89 -5.34 0.00	54.52 -2.25 0.00	28.94 -0.95 -2.03	26.04 -1.25 -1.10	25.40 -1.49 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.31 -2.76 0.00	32.90 -2.73 -0.01	57.22 -4.74 0.00	34.04 -2.80 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.52 0.28 -9.76	5.45 0.05 -7.81

NGRID_A2_DSASP 323793	25.95 -0.70 -1.03	19.88 -0.58 -3.25	25.09 -0.82 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.89 -5.34 0.00	54.52 -2.25 0.00	28.94 -0.95 -2.03	26.04 -1.25 -1.10	25.40 -1.49 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.31 -2.76 0.00	32.90 -2.73 -0.01	57.22 -4.74 0.00	34.04 -2.80 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.52 0.28 -9.76	5.45 0.05 -7.81
NGRID_A4_DSASP 323807	25.95 -0.70 -1.03	19.88 -0.58 -3.25	25.09 -0.82 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.89 -5.34 0.00	54.52 -2.25 0.00	28.94 -0.95 -2.03	26.04 -1.25 -1.10	25.40 -1.49 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.31 -2.76 0.00	32.90 -2.73 -0.01	57.22 -4.74 0.00	34.04 -2.80 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.52 0.28 -9.76	5.45 0.05 -7.81
NIAGARA_115E_LBMP 323715	25.88 -0.78 -1.04	19.86 -0.61 -3.26	25.05 -0.87 -0.62	26.50 -1.07 -0.59	27.71 -1.16 0.00	27.71 -1.16 0.00	28.09 -1.27 0.00	90.36 -4.87 0.00	54.78 -1.99 0.00	29.05 -0.72 -1.90	26.11 -1.11 -1.03	25.50 -1.40 0.00	24.02 -1.05 0.00	26.60 -1.59 0.00	29.97 -1.87 0.00	40.51 -2.56 0.00	33.08 -2.56 -0.01	57.58 -4.37 0.00	34.23 -2.60 0.00	27.81 -2.41 -1.72	11.06 0.65 -18.74	10.73 -0.24 -8.13	4.57 0.27 -9.81	5.49 0.06 -7.85
NIAGARA_115W_LBMP 323714	25.90 -0.76 -1.03	19.84 -0.61 -3.25	25.04 -0.88 -0.62	26.55 -1.03 -0.59	27.74 -1.13 0.00	27.74 -1.13 0.00	28.01 -1.35 0.00	89.61 -5.62 0.00	54.36 -2.41 0.00	28.87 -1.03 -2.04	25.98 -1.32 -1.10	25.33 -1.57 0.00	23.86 -1.20 0.00	26.43 -1.76 0.00	29.74 -2.10 0.00	40.19 -2.88 0.00	32.80 -2.83 -0.01	57.05 -4.91 0.00	33.93 -2.91 0.00	27.58 -2.62 -1.71	11.01 0.71 -18.62	10.66 -0.26 -8.08	4.53 0.30 -9.75	5.44 0.05 -7.80
NIAGARA_230_LBMP 323716	26.10 -0.55 -1.03	19.98 -0.45 -3.22	25.25 -0.65 -0.61	26.76 -0.81 -0.58	28.00 -0.87 0.00	28.00 -0.87 0.00	28.33 -1.04 0.00	91.11 -4.12 0.00	55.21 -1.56 0.00	29.37 -0.62 -2.12	26.43 -0.91 -1.15	25.73 -1.16 0.00	24.23 -0.83 0.00	26.86 -1.33 0.00	30.25 -1.59 0.00	40.89 -2.18 0.00	33.34 -2.29 -0.01	58.01 -3.94 0.00	34.49 -2.35 0.00	28.02 -2.17 -1.69	10.71 0.57 -18.46	10.63 -0.21 -8.01	4.36 0.21 -9.66	5.37 0.04 -7.73
NIAGARA__115KV_198_GIBSON 55903	25.90 -0.76 -1.03	19.85 -0.61 -3.25	25.05 -0.87 -0.62	26.55 -1.02 -0.59	27.74 -1.13 0.00	27.74 -1.13 0.00	28.01 -1.35 0.00	89.63 -5.61 0.00	54.35 -2.42 0.00	28.87 -1.03 -2.04	25.98 -1.32 -1.10	25.32 -1.57 0.00	23.86 -1.20 0.00	26.42 -1.77 0.00	29.75 -2.10 0.00	40.17 -2.90 0.00	32.80 -2.82 -0.01	57.04 -4.91 0.00	33.94 -2.90 0.00	27.57 -2.63 -1.71	11.01 0.71 -18.62	10.65 -0.26 -8.08	4.53 0.30 -9.75	5.44 0.05 -7.80
NIAGARA____ 23760	26.11 -0.55 -1.04	20.02 -0.45 -3.25	25.26 -0.65 -0.62	26.76 -0.81 -0.59	28.00 -0.87 0.00	28.00 -0.87 0.00	28.33 -1.04 0.00	91.11 -4.12 0.00	55.21 -1.56 0.00	29.31 -0.62 -2.07	26.40 -0.91 -1.12	25.73 -1.16 0.00	24.23 -0.83 0.00	26.86 -1.33 0.00	30.25 -1.59 0.00	40.89 -2.18 0.00	33.34 -2.29 -0.01	58.01 -3.94 0.00	34.49 -2.35 0.00	28.03 -2.17 -1.70	10.87 0.57 -18.62	10.71 -0.21 -8.09	4.48 0.21 -9.78	5.46 0.04 -7.84
NINE_MILE_1 23575	25.68 -0.55 -0.61	18.75 -0.39 -1.93	25.08 -0.58 -0.37	26.71 -0.62 -0.35	28.20 -0.66 0.00	28.20 -0.66 0.00	28.65 -0.70 0.00	92.68 -2.56 0.00	55.30 -1.46 0.00	27.16 -0.71 0.00	25.49 -0.71 0.00	26.14 -0.76 0.00	24.40 -0.66 0.00	27.38 -0.81 0.00	30.94 -0.90 0.00	41.86 -1.22 0.00	34.58 -1.04 -0.01	60.18 -1.77 0.00	35.79 -1.05 0.00	28.72 -0.79 -1.01	2.96 0.21 -11.07	7.56 -0.07 -4.80	0.41 0.13 -5.79	2.28 0.05 -4.64
NINE_MILE_2 23744	25.68 -0.55 -0.61	18.75 -0.39 -1.92	25.08 -0.58 -0.37	26.71 -0.62 -0.35	28.20 -0.66 0.00	28.20 -0.66 0.00	28.65 -0.70 0.00	92.69 -2.54 0.00	55.30 -1.46 0.00	27.16 -0.71 0.00	25.49 -0.71 0.00	26.14 -0.76 0.00	24.40 -0.66 0.00	27.38 -0.81 0.00	30.94 -0.90 0.00	41.86 -1.22 0.00	34.58 -1.04 -0.01	60.19 -1.77 0.00	35.79 -1.04 0.00	28.72 -0.79 -1.01	2.92 0.21 -11.03	7.55 -0.07 -4.79	0.39 0.13 -5.78	2.26 0.05 -4.62
NM_CAPITAL____DRP 24208	30.96 0.54 -4.80	32.63 0.35 -15.07	28.68 0.52 -2.88	30.25 0.53 -2.74	29.44 0.58 0.00	29.44 0.58 0.00	29.84 0.49 0.00	96.83 1.59 0.00	57.49 0.72 0.00	28.15 0.28 0.00	26.57 0.38 0.00	27.36 0.47 0.00	25.47 0.40 0.00	28.77 0.58 0.00	32.48 0.64 0.00	43.97 0.89 0.00	36.52 0.84 -0.06	63.30 1.35 0.00	37.61 0.77 0.00	37.08 0.66 -7.92	77.99 -0.17 -86.49	40.42 0.06 -37.52	39.66 -0.10 -45.28	33.78 -0.04 -36.24
NM_CENTRAL____DRP 24181	26.03 -0.02 -0.43	19.53 -0.05 -2.36	25.66 -0.09 -0.45	27.33 -0.08 -0.43	28.78 -0.09 0.00	28.78 -0.09 0.00	29.29 -0.08 0.00	94.91 -0.33 0.00	56.62 -0.14 0.00	27.77 -0.10 0.00	26.07 -0.13 0.00	26.73 -0.16 0.00	24.95 -0.11 0.00	28.00 -0.19 0.00	31.67 -0.18 0.00	42.83 -0.24 0.00	35.37 -0.26 -0.01	61.61 -0.35 0.00	36.61 -0.22 0.00	29.55 -0.19 -1.24	5.28 0.04 -13.56	8.70 -0.02 -5.88	1.60 0.02 -7.10	3.27 0.00 -5.68
NM_FRONTIER____DRP 24179	25.90 -0.76 -1.03	19.85 -0.61 -3.25	25.05 -0.87 -0.62	26.55 -1.02 -0.59	27.74 -1.13 0.00	27.74 -1.13 0.00	28.01 -1.35 0.00	89.63 -5.61 0.00	54.35 -2.42 0.00	28.87 -1.03 -2.04	25.98 -1.32 -1.10	25.32 -1.57 0.00	23.86 -1.20 0.00	26.42 -1.77 0.00	29.75 -2.10 0.00	40.17 -2.90 0.00	32.80 -2.82 -0.01	57.04 -4.91 0.00	33.94 -2.90 0.00	27.57 -2.63 -1.71	11.01 0.71 -18.62	10.65 -0.26 -8.08	4.53 0.30 -9.75	5.44 0.05 -7.80
NM_ST_REGIS____HYD 24053	12.83 -2.31 10.48	16.52 -1.31 -0.62	23.78 -1.63 -0.12	25.14 -1.95 -0.11	26.76 -2.11 0.00	26.76 -2.11 0.00	27.70 -1.67 0.00	92.26 -2.97 0.00	56.01 -0.75 0.00	27.79 -0.08 0.00	25.39 -0.80 0.00	25.68 -1.22 0.00	23.94 -1.13 0.00	26.77 -1.42 0.00	30.19 -1.65 0.00	41.68 -1.39 0.00	34.59 -1.03 0.00	59.91 -2.04 0.00	35.66 -1.18 0.00	27.84 -0.98 -0.32	-4.48 0.31 -3.53	4.27 -0.09 -1.53	-3.30 0.38 -1.85	-0.72 0.25 -1.45
NORTHPORT____1 23551	31.29 1.72 -3.95	30.72 1.10 -12.40	29.24 1.58 -2.37	30.93 1.70 -2.25	30.68 1.82 0.00	30.68 1.82 0.00	30.56 1.86 0.66	90.89 5.30 9.65	62.16 3.29 -2.11	29.84 1.97 0.00	28.19 1.99 0.00	34.26 2.16 -5.20	26.97 1.91 0.00	30.40 2.22 0.00	34.28 2.43 0.00	60.14 2.80 -14.27	85.96 2.33 -48.01	73.53 4.14 -7.44	39.39 2.55 0.00	36.96 1.94 -6.52	62.37 -0.53 -71.22	33.93 0.20 -30.90	31.41 -0.36 -37.29	27.26 -0.17 -29.84
NORTHPORT____2 23552	31.29 1.72 -3.95	30.72 1.10 -12.40	29.24 1.58 -2.37	30.93 1.70 -2.25	30.68 1.82 0.00	30.68 1.82 0.00	30.56 1.86 0.66	90.89 5.30 9.65	62.16 3.29 -2.11	29.84 1.97 0.00	28.19 1.99 0.00	34.26 2.16 -5.20	26.97 1.91 0.00	30.40 2.22 0.00	34.28 2.43 0.00	60.14 2.80 -14.27	85.96 2.33 -48.01	73.53 4.14 -7.44	39.39 2.55 0.00	36.96 1.94 -6.52	62.37 -0.53 -71.22	33.93 0.20 -30.90	31.41 -0.36 -37.29	27.26 -0.17 -29.84

NORTHPORT___3 23553	30.94 1.37 -3.95	30.54 0.93 -12.40	28.98 1.32 -2.37	30.63 1.40 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.19 1.48 0.66	90.03 4.38 9.58	61.33 2.46 -2.11	29.51 1.64 0.00	27.98 1.79 0.00	34.05 1.96 -5.20	26.78 1.71 0.00	30.21 2.02 0.00	34.06 2.22 0.00	59.94 2.59 -14.27	85.80 2.17 -48.01	73.16 3.77 -7.44	39.15 2.31 0.00	36.81 1.79 -6.52	62.41 -0.49 -71.22	33.91 0.18 -30.90	31.44 -0.33 -37.29	27.27 -0.15 -29.84
NORTHPORT___4 23650	30.94 1.37 -3.95	30.54 0.93 -12.40	28.98 1.32 -2.37	30.63 1.40 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.19 1.48 0.66	90.03 4.38 9.58	61.33 2.46 -2.11	29.51 1.64 0.00	27.98 1.79 0.00	34.05 1.96 -5.20	26.78 1.71 0.00	30.21 2.02 0.00	34.06 2.22 0.00	59.94 2.59 -14.27	85.80 2.17 -48.01	73.16 3.77 -7.44	39.15 2.31 0.00	36.81 1.79 -6.52	62.41 -0.49 -71.22	33.91 0.18 -30.90	31.44 -0.33 -37.29	27.27 -0.15 -29.84
NORTHPORT___IC 23718	31.29 1.72 -3.95	30.72 1.10 -12.40	29.24 1.58 -2.37	30.93 1.70 -2.25	30.68 1.82 0.00	30.68 1.82 0.00	30.56 1.86 0.66	90.89 5.30 9.65	62.16 3.29 -2.11	29.84 1.97 0.00	28.19 1.99 0.00	34.26 2.16 -5.20	26.97 1.91 0.00	30.40 2.22 0.00	34.28 2.43 0.00	60.14 2.80 -14.27	85.96 2.33 -48.01	73.53 4.14 -7.44	39.39 2.55 0.00	36.96 1.94 -6.52	62.37 -0.53 -71.22	33.93 0.20 -30.90	31.41 -0.36 -37.29	27.26 -0.17 -29.84
NORTH___COUNTRY_ESR 323785	-4.00 -2.91 26.71	16.02 -1.69 -0.50	23.37 -2.02 -0.09	24.83 -2.24 -0.09	26.41 -2.45 0.00	26.41 -2.45 0.00	27.37 -1.99 0.00	91.27 -3.97 0.00	55.79 -0.97 0.00	27.77 -0.10 0.00	25.37 -0.82 0.00	25.57 -1.32 0.00	23.79 -1.27 0.00	26.77 -1.42 0.00	30.26 -1.59 0.00	41.69 -1.38 0.00	34.42 -1.20 0.00	59.53 -2.43 0.00	35.42 -1.42 0.00	27.59 -1.17 -0.26	-5.16 0.36 -2.81	3.94 -0.11 -1.22	-3.60 0.45 -1.47	-0.99 0.29 -1.14
NPX_GEN_1385_PROXY 323591	30.52 0.94 -3.95	30.20 0.58 -12.40	28.47 0.81 -2.37	30.12 0.88 -2.25	29.82 0.95 0.00	29.82 0.95 0.00	30.04 1.33 0.66	88.77 3.19 9.65	60.73 1.85 -2.11	28.99 1.12 0.00	12.81 1.21 14.60	33.68 1.58 -5.20	26.61 1.54 0.00	29.87 1.68 0.00	33.38 1.54 0.00	58.87 1.52 -14.27	30.10 1.29 6.81	72.12 2.73 -7.44	38.60 1.76 0.00	36.14 1.12 -6.52	62.56 -0.33 -71.22	33.90 0.17 -30.90	31.56 -0.21 -37.29	27.33 -0.15 -29.89
NPX_GEN_CSC 323557	31.56 1.99 -3.95	30.88 1.26 -12.40	29.47 1.80 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.12 0.65	90.47 4.71 9.47	62.23 3.36 -2.11	30.08 2.21 0.00	28.49 2.29 0.00	34.50 2.41 -5.20	27.20 2.13 0.00	30.71 2.52 0.00	34.72 2.88 0.00	60.81 3.46 -14.27	84.89 2.93 -46.35	74.54 5.15 -7.44	40.01 3.18 0.00	37.45 2.43 -6.52	62.23 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.27 -0.20 -29.89
NSINS_S_GLNS_FALLS 23858	32.30 1.74 -4.94	33.86 1.17 -15.48	30.02 1.78 -2.96	31.61 1.82 -2.81	30.80 1.93 0.00	30.80 1.93 0.00	31.37 2.00 0.00	102.54 7.31 0.00	60.96 4.20 0.00	29.57 1.70 0.00	27.77 1.58 0.00	28.42 1.53 0.00	26.42 1.36 0.00	29.84 1.65 0.00	33.85 2.01 0.00	45.71 2.64 0.00	37.96 2.27 -0.06	65.67 3.71 0.00	38.97 2.14 0.00	38.28 1.64 -8.14	80.04 -0.48 -88.85	41.53 0.15 -38.54	40.66 -0.33 -46.51	34.66 -0.15 -37.23
NUCOR_STEEL___DRP 24197	26.90 0.38 -0.90	20.24 0.22 -2.81	26.18 0.34 -0.54	27.75 0.26 -0.51	29.12 0.26 0.00	29.12 0.26 0.00	29.68 0.32 0.00	96.31 1.08 0.00	57.42 0.64 0.00	27.95 0.23 0.15	26.26 0.15 0.08	26.98 0.09 0.00	25.21 0.15 0.00	28.29 0.10 0.00	32.02 0.18 0.00	43.35 0.28 0.00	35.80 0.17 -0.01	62.37 0.42 0.00	37.10 0.26 0.00	30.12 0.15 -1.48	7.76 -0.06 -16.14	9.86 0.02 -7.00	2.89 -0.04 -8.45	4.32 -0.03 -6.76
NUMBER_THREE_WT_PWR 323818	21.06 -1.46 3.10	17.36 -0.86 -1.01	24.42 -1.07 -0.19	26.11 -1.06 -0.18	27.77 -1.10 0.00	27.77 -1.10 0.00	28.80 -0.57 0.00	95.65 0.42 0.00	57.10 0.33 0.00	27.95 0.08 0.00	26.05 -0.14 0.00	26.56 -0.33 0.00	24.76 -0.30 0.00	27.76 -0.43 0.00	31.52 -0.33 0.00	43.20 0.13 0.00	35.97 0.35 0.00	62.49 0.54 0.00	37.07 0.23 0.00	28.83 -0.20 -0.53	-2.38 0.19 -5.76	5.26 -0.07 -2.50	-2.27 0.24 -3.01	0.12 0.14 -2.40
NYISO_LBMP_REFERENCE 24008	25.62 0.00 0.00	17.21 0.00 0.00	25.29 0.00 0.00	26.98 0.00 0.00	28.87 0.00 0.00	28.87 0.00 0.00	29.36 0.00 0.00	95.24 0.00 0.00	56.77 0.00 0.00	27.87 0.00 0.00	26.19 0.00 0.00	26.89 0.00 0.00	25.07 0.00 0.00	28.19 0.00 0.00	31.84 0.00 0.00	43.07 0.00 0.00	35.62 0.00 0.00	61.95 0.00 0.00	36.83 0.00 0.00	28.50 0.00 0.00	-8.32 0.00 0.00	2.84 0.00 0.00	-5.52 0.00 0.00	-2.42 0.00 0.00
NYPA_BRENTWD____GT 24164	31.69 2.11 -3.95	30.97 1.36 -12.40	29.60 1.94 -2.37	31.31 2.07 -2.25	31.09 2.22 0.00	31.09 2.22 0.00	30.99 2.26 0.63	92.29 6.10 9.05	62.71 3.84 -2.11	30.29 2.42 0.00	28.64 2.45 0.00	34.69 2.60 -5.20	27.36 2.30 0.00	30.88 2.69 0.00	34.87 3.03 0.00	60.77 3.42 -14.27	86.45 2.82 -48.01	74.83 5.44 -7.44	40.15 3.31 0.00	37.56 2.54 -6.52	62.20 -0.70 -71.22	33.99 0.25 -30.90	31.31 -0.46 -37.29	27.22 -0.21 -29.84
NYPA_GOWANUS____GT5 24156	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NYPA_GOWANUS____GT6 24157	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.18 5.94 0.00	60.02 3.25 0.00	29.76 1.89 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.02 2.35 -0.05	66.02 4.07 0.00	39.31 2.48 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85
NYPA_HARLEM__RVR__GT1 24160	30.99 1.42 -3.95	30.56 0.94 -12.40	29.00 1.34 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.13 5.90 0.00	60.07 3.30 0.00	29.70 1.83 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.09 2.25 0.00	45.79 2.72 0.00	37.91 2.24 -0.05	65.87 3.91 0.00	39.20 2.37 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
NYPA_HARLEM__RVR__GT2 24161	30.99 1.42 -3.95	30.56 0.94 -12.40	29.00 1.34 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.13 5.90 0.00	60.07 3.30 0.00	29.70 1.83 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.09 2.25 0.00	45.79 2.72 0.00	37.91 2.24 -0.05	65.87 3.91 0.00	39.20 2.37 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85

NYPA_KENT____GT 24152	31.05 1.48 -3.95	30.57 0.96 -12.40	29.04 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.04 1.68 0.00	101.09 5.86 0.00	60.02 3.25 0.00	29.75 1.88 0.00	28.13 1.94 0.00	29.01 2.11 0.00	26.95 1.88 0.00	30.40 2.21 0.00	34.23 2.38 0.00	45.93 2.86 0.00	38.01 2.34 -0.05	66.02 4.07 0.00	39.29 2.46 0.00	36.97 1.95 -6.52	62.37 -0.54 -71.23	33.93 0.19 -30.90	31.41 -0.37 -37.29	27.27 -0.16 -29.85
NYPA_POUCH1____GT 24155	31.11 1.53 -3.95	30.61 0.99 -12.40	29.09 1.43 -2.37	30.79 1.56 -2.25	30.54 1.67 0.00	30.54 1.67 0.00	31.12 1.75 0.00	101.32 6.08 0.00	60.09 3.32 0.00	29.79 1.93 0.00	28.18 1.99 0.00	29.06 2.16 0.00	26.99 1.93 0.00	30.45 2.26 0.00	34.28 2.44 0.00	46.00 2.93 0.00	38.07 2.40 -0.05	66.14 4.18 0.00	39.36 2.53 0.00	37.04 2.02 -6.52	62.35 -0.56 -71.23	33.93 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.17 -29.85
NYPA_VERNON____GT2 24162	31.03 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.02 1.66 0.00	101.04 5.81 0.00	60.02 3.25 0.00	29.73 1.86 0.00	28.11 1.92 0.00	29.00 2.10 0.00	26.92 1.86 0.00	30.38 2.19 0.00	34.20 2.36 0.00	45.92 2.85 0.00	37.99 2.33 -0.05	66.02 4.07 0.00	39.27 2.43 0.00	36.94 1.92 -6.52	62.38 -0.53 -71.23	33.92 0.18 -30.90	31.42 -0.36 -37.29	27.27 -0.16 -29.85
NYPA_VERNON____GT3 24163	31.03 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.02 1.66 0.00	101.04 5.81 0.00	60.02 3.25 0.00	29.73 1.86 0.00	28.11 1.92 0.00	29.00 2.10 0.00	26.92 1.86 0.00	30.38 2.19 0.00	34.20 2.36 0.00	45.92 2.85 0.00	37.99 2.33 -0.05	66.02 4.07 0.00	39.27 2.43 0.00	36.94 1.92 -6.52	62.38 -0.53 -71.23	33.92 0.18 -30.90	31.42 -0.36 -37.29	27.27 -0.16 -29.85
NYPA__ASTORIA_CC1 323568	30.97 1.40 -3.95	30.53 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.58 0.00	59.89 3.12 0.00	29.65 1.78 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
NYPA__ASTORIA_CC2 323569	30.97 1.40 -3.95	30.53 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.82 5.58 0.00	59.89 3.12 0.00	29.65 1.78 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.10 2.26 0.00	45.79 2.72 0.00	37.90 2.23 -0.05	65.85 3.90 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
NYPA__HOLTSVILL 23794	31.41 1.84 -3.95	30.79 1.17 -12.40	29.33 1.67 -2.37	31.03 1.79 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.67 1.96 0.65	90.80 5.05 9.49	62.09 3.22 -2.11	29.95 2.08 0.00	28.38 2.19 0.00	34.41 2.32 -5.20	27.11 2.04 0.00	30.60 2.41 0.00	34.55 2.71 0.00	60.53 3.18 -14.27	86.27 2.64 -48.01	73.99 4.59 -7.44	39.67 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
NYPA____HELLGATE_GT1 24158	30.99 1.42 -3.95	30.56 0.94 -12.40	29.00 1.34 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.13 5.90 0.00	60.07 3.30 0.00	29.70 1.83 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.09 2.25 0.00	45.79 2.72 0.00	37.91 2.24 -0.05	65.87 3.91 0.00	39.20 2.37 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
NYPA____HELLGATE_GT2 24159	30.99 1.42 -3.95	30.56 0.94 -12.40	29.00 1.34 -2.37	30.67 1.44 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.02 1.67 0.00	101.13 5.90 0.00	60.07 3.30 0.00	29.70 1.83 0.00	28.05 1.86 0.00	28.93 2.04 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.09 2.25 0.00	45.79 2.72 0.00	37.91 2.24 -0.05	65.87 3.91 0.00	39.20 2.37 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
NYS_BARGE__HYD 23848	26.35 -0.31 -1.03	20.16 -0.30 -3.24	25.50 -0.41 -0.62	27.00 -0.57 -0.59	28.26 -0.61 0.00	28.26 -0.61 0.00	28.68 -0.69 0.00	92.54 -2.70 0.00	56.04 -0.73 0.00	29.42 -0.19 -1.74	26.54 -0.60 -0.94	26.02 -0.87 0.00	24.51 -0.56 0.00	27.16 -1.03 0.00	30.62 -1.23 0.00	41.39 -1.69 0.00	33.83 -1.80 -0.01	58.95 -3.01 0.00	35.04 -1.79 0.00	28.41 -1.80 -1.71	10.76 0.47 -18.62	10.73 -0.18 -8.08	4.39 0.16 -9.75	5.40 0.02 -7.80
OAK_ORCHARD__HYD 24046	27.04 0.49 -0.93	20.40 0.26 -2.93	26.23 0.37 -0.56	27.84 0.33 -0.53	29.21 0.35 0.00	29.21 0.35 0.00	29.78 0.42 0.00	96.92 1.69 0.00	58.24 1.47 0.00	28.46 0.59 0.00	26.42 0.22 0.00	26.92 0.03 0.00	25.28 0.22 0.00	28.15 -0.03 0.00	31.82 -0.02 0.00	43.18 0.11 0.00	35.57 -0.06 -0.01	62.19 0.23 0.00	36.96 0.12 0.00	29.86 -0.18 -1.54	8.49 0.02 -16.79	10.10 -0.02 -7.28	3.22 -0.06 -8.79	4.56 -0.05 -7.03
OAKDALE__35_KV_LOAD 356122	27.80 0.46 -1.72	22.86 0.25 -5.40	26.68 0.35 -1.03	28.37 0.41 -0.98	29.30 0.43 0.00	29.30 0.43 0.00	29.88 0.52 0.00	96.98 1.74 0.00	57.90 1.14 0.00	28.76 0.50 -0.39	26.87 0.46 -0.21	27.38 0.48 0.00	25.55 0.48 0.00	28.67 0.48 0.00	32.46 0.62 0.00	43.77 0.70 0.00	36.02 0.38 -0.02	62.80 0.85 0.00	37.33 0.49 0.00	31.63 0.29 -2.84	22.57 -0.08 -30.97	16.29 0.02 -13.43	10.62 -0.08 -16.21	10.52 -0.04 -12.97
OCC_CHEM__DRP 24175	25.95 -0.71 -1.03	19.89 -0.57 -3.25	25.10 -0.81 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.91 -5.33 0.00	54.52 -2.25 0.00	28.94 -0.96 -2.03	26.04 -1.25 -1.10	25.40 -1.50 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.30 -2.78 0.00	32.91 -2.72 -0.01	57.22 -4.74 0.00	34.04 -2.79 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.53 0.29 -9.76	5.45 0.05 -7.81
OH_GEN_PROXY 24063	26.15 -0.50 -1.02	20.01 -0.42 -3.21	25.31 -0.60 -0.61	26.82 -0.75 -0.58	28.06 -0.81 0.00	28.06 -0.81 0.00	28.40 -0.96 0.00	91.50 -3.74 0.00	55.41 -1.36 0.00	29.49 -0.53 -2.16	26.54 -0.82 -1.17	25.83 -1.06 0.00	24.32 -0.74 0.00	26.96 -1.23 0.00	30.38 -1.46 0.00	71.79 -2.03 -30.75	51.30 -2.17 -17.85	58.23 -3.72 0.00	34.62 -2.22 0.00	28.12 -2.06 -1.69	10.65 0.55 -18.43	10.63 -0.20 -7.99	4.33 0.20 -9.65	5.40 0.04 -7.77
OLIN_CORP_DRP 24177	25.93 -0.74 -1.04	19.91 -0.58 -3.27	25.11 -0.81 -0.63	26.55 -1.03 -0.59	27.77 -1.10 0.00	27.77 -1.10 0.00	28.15 -1.21 0.00	90.56 -4.68 0.00	54.88 -1.89 0.00	29.10 -0.69 -1.92	26.17 -1.06 -1.04	25.55 -1.34 0.00	24.06 -1.00 0.00	26.65 -1.54 0.00	30.03 -1.82 0.00	40.58 -2.50 0.00	33.15 -2.48 -0.01	57.70 -4.25 0.00	34.32 -2.52 0.00	27.87 -2.35 -1.72	11.10 0.63 -18.79	10.75 -0.24 -8.15	4.58 0.27 -9.84	5.51 0.06 -7.87

OLIN_CORP_DSASP 323712	25.95 -0.70 -1.03	19.88 -0.58 -3.25	25.09 -0.82 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.89 -5.34 0.00	54.52 -2.25 0.00	28.94 -0.95 -2.03	26.04 -1.25 -1.10	25.40 -1.49 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.31 -2.76 0.00	32.90 -2.73 -0.01	57.22 -4.74 0.00	34.04 -2.80 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.52 0.28 -9.76	5.45 0.05 -7.81
ONEIDA_HERK_LFGE 323681	23.98 -0.29 1.35	17.95 -0.14 -0.88	25.34 -0.12 -0.17	27.05 -0.09 -0.16	28.78 -0.09 0.00	28.78 -0.09 0.00	29.58 0.21 0.00	97.12 1.89 0.00	57.91 1.15 0.00	28.33 0.46 0.00	26.48 0.28 0.00	27.09 0.19 0.00	25.23 0.17 0.00	28.33 0.14 0.00	32.10 0.26 0.00	43.75 0.68 0.00	36.35 0.72 0.00	63.23 1.28 0.00	37.54 0.70 0.00	29.32 0.36 -0.46	-3.34 -0.05 -5.03	5.03 0.01 -2.18	-2.86 0.03 -2.63	-0.28 0.03 -2.10
ONEIDA___115KV_TB4 55905	25.95 0.47 0.14	19.04 0.34 -1.49	26.10 0.52 -0.28	27.84 0.60 -0.27	29.50 0.64 0.00	29.50 0.64 0.00	30.19 0.84 0.00	98.55 3.31 0.00	58.68 1.92 0.00	28.63 0.76 0.00	26.81 0.61 0.00	27.42 0.53 0.00	25.55 0.49 0.00	28.69 0.50 0.00	32.50 0.66 0.00	44.25 1.17 0.00	36.69 1.06 -0.01	63.92 1.96 0.00	37.93 1.10 0.00	30.01 0.73 -0.78	0.01 -0.19 -8.53	6.60 0.06 -3.70	-1.15 -0.10 -4.46	1.12 -0.04 -3.57
ONONDAGA_REF_OCCRA 23987	26.33 0.15 -0.56	19.92 0.06 -2.65	25.88 0.08 -0.51	27.57 0.11 -0.48	28.98 0.12 0.00	28.98 0.12 0.00	29.52 0.16 0.00	95.71 0.47 0.00	57.07 0.30 0.00	27.97 0.10 0.00	26.23 0.04 0.00	26.90 0.01 0.00	25.12 0.05 0.00	28.19 0.00 0.00	31.88 0.04 0.00	43.15 0.08 0.00	35.65 0.02 -0.01	62.11 0.16 0.00	36.92 0.09 0.00	29.93 0.04 -1.39	6.84 -0.02 -15.19	9.43 0.00 -6.59	2.41 -0.02 -7.95	3.94 -0.01 -6.36
ONONDAGA___COGEN 23986	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.87 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.07 0.00 0.00	35.59 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.02 -14.67	9.20 0.00 -6.36	2.15 -0.01 -7.68	3.72 -0.01 -6.15
ONTARIO___LFGE 23819	27.07 0.46 -0.99	20.54 0.21 -3.11	26.22 0.33 -0.59	27.95 0.40 -0.57	29.30 0.43 0.00	29.30 0.43 0.00	29.95 0.59 0.00	97.45 2.22 0.00	58.07 1.31 0.00	28.26 0.57 0.18	26.55 0.45 0.10	27.25 0.36 0.00	25.51 0.44 0.00	28.58 0.39 0.00	32.40 0.56 0.00	43.76 0.69 0.00	36.09 0.46 -0.01	62.74 0.79 0.00	37.27 0.43 0.00	30.34 0.21 -1.64	9.47 -0.07 -17.86	10.60 0.01 -7.75	3.78 -0.05 -9.35	5.04 -0.03 -7.48
ORANGEVILLE_WT_PWR 323706	26.25 -0.53 -1.16	20.43 -0.43 -3.64	25.51 -0.48 -0.70	27.21 -0.43 -0.66	28.40 -0.46 0.00	28.40 -0.46 0.00	28.94 -0.42 0.00	94.11 -1.13 0.00	56.88 0.11 0.00	29.62 0.12 -1.63	27.02 -0.05 -0.88	26.64 -0.25 0.00	25.03 -0.04 0.00	27.90 -0.28 0.00	31.56 -0.28 0.00	42.59 -0.48 0.00	34.79 -0.84 -0.02	60.49 -1.46 0.00	35.77 -1.07 0.00	29.11 -1.30 -1.92	12.98 0.39 -20.91	11.73 -0.17 -9.07	5.65 0.22 -10.94	6.40 0.06 -8.76
ORANGEVILLE___ESR 323794	26.25 -0.53 -1.16	20.43 -0.43 -3.64	25.51 -0.48 -0.70	27.21 -0.43 -0.66	28.40 -0.46 0.00	28.40 -0.46 0.00	28.94 -0.42 0.00	94.11 -1.13 0.00	56.88 0.11 0.00	29.62 0.12 -1.63	27.02 -0.05 -0.88	26.64 -0.25 0.00	25.03 -0.04 0.00	27.90 -0.28 0.00	31.56 -0.28 0.00	42.59 -0.48 0.00	34.79 -0.84 -0.02	60.49 -1.46 0.00	35.77 -1.07 0.00	29.11 -1.30 -1.92	12.98 0.39 -20.91	11.73 -0.17 -9.07	5.65 0.22 -10.94	6.40 0.06 -8.76
OSWEGATCHIE___HYD 24044	16.18 -1.99 7.45	16.90 -1.17 -0.86	23.97 -1.49 -0.16	25.46 -1.68 -0.16	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.33 0.00	93.25 -1.98 0.00	56.07 -0.70 0.00	27.60 -0.26 0.00	25.47 -0.73 0.00	25.87 -1.02 0.00	24.12 -0.94 0.00	26.99 -1.20 0.00	30.54 -1.29 0.00	42.04 -1.03 0.00	35.01 -0.61 0.00	60.74 -1.22 0.00	36.09 -0.75 0.00	28.15 -0.80 -0.45	-3.12 0.31 -4.89	4.86 -0.10 -2.12	-2.62 0.34 -2.56	-0.19 0.20 -2.03
OSWEGO___5 23606	25.90 -0.38 -0.66	19.00 -0.27 -2.06	25.28 -0.41 -0.39	26.93 -0.43 -0.37	28.40 -0.46 0.00	28.40 -0.46 0.00	28.87 -0.49 0.00	93.45 -1.79 0.00	55.76 -1.01 0.00	27.37 -0.50 0.00	25.69 -0.51 0.00	26.34 -0.55 0.00	24.59 -0.47 0.00	27.60 -0.59 0.00	31.19 -0.65 0.00	42.19 -0.88 0.00	34.86 -0.76 -0.01	60.68 -1.28 0.00	36.08 -0.76 0.00	28.99 -0.59 -1.08	3.67 0.15 -11.84	7.92 -0.06 -5.13	0.77 0.09 -6.20	2.58 0.04 -4.96
OSWEGO___6 23613	25.90 -0.38 -0.66	19.00 -0.27 -2.06	25.28 -0.41 -0.39	26.93 -0.43 -0.37	28.40 -0.46 0.00	28.40 -0.46 0.00	28.87 -0.49 0.00	93.45 -1.79 0.00	55.76 -1.01 0.00	27.37 -0.50 0.00	25.69 -0.51 0.00	26.34 -0.55 0.00	24.59 -0.47 0.00	27.60 -0.59 0.00	31.19 -0.65 0.00	42.19 -0.88 0.00	34.86 -0.76 -0.01	60.68 -1.28 0.00	36.08 -0.76 0.00	28.99 -0.59 -1.08	3.67 0.15 -11.84	7.92 -0.06 -5.13	0.77 0.09 -6.20	2.58 0.04 -4.96
OUTOKUMPU-AB___DRP 24206	26.57 -0.10 -1.05	20.33 -0.17 -3.29	25.72 -0.20 -0.63	27.25 -0.33 -0.60	28.49 -0.38 0.00	28.49 -0.38 0.00	28.90 -0.47 0.00	93.16 -2.07 0.00	56.41 -0.36 0.00	29.73 -0.03 -1.89	26.84 -0.37 -1.02	26.27 -0.62 0.00	24.75 -0.32 0.00	27.45 -0.74 0.00	30.93 -0.91 0.00	41.74 -1.33 0.00	34.10 -1.53 -0.01	59.42 -2.54 0.00	35.32 -1.52 0.00	28.63 -1.60 -1.73	10.98 0.42 -18.88	10.86 -0.17 -8.19	4.50 0.13 -9.89	5.49 0.00 -7.91
OXBOW___ 24026	26.34 -0.33 -1.04	20.16 -0.33 -3.27	25.48 -0.44 -0.62	27.00 -0.57 -0.59	28.23 -0.64 0.00	28.23 -0.64 0.00	28.58 -0.78 0.00	91.81 -3.42 0.00	55.66 -1.11 0.00	29.43 -0.40 -1.96	26.52 -0.73 -1.06	25.92 -0.97 0.00	24.42 -0.64 0.00	27.06 -1.12 0.00	30.49 -1.35 0.00	41.18 -1.90 0.00	33.63 -2.01 -0.01	58.52 -3.43 0.00	34.79 -2.04 0.00	28.24 -1.98 -1.72	10.97 0.53 -18.76	10.78 -0.20 -8.14	4.50 0.19 -9.82	5.46 0.02 -7.86
OXY_CHEM_DSASP 323612	25.95 -0.71 -1.03	19.89 -0.57 -3.25	25.10 -0.81 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.91 -5.33 0.00	54.52 -2.25 0.00	28.94 -0.96 -2.03	26.04 -1.25 -1.10	25.40 -1.50 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.30 -2.78 0.00	32.91 -2.72 -0.01	57.22 -4.74 0.00	34.04 -2.79 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.53 0.29 -9.76	5.45 0.05 -7.81
OZONE_PARK_ESR 323760	31.24 1.66 -3.95	30.68 1.06 -12.40	29.20 1.54 -2.37	30.90 1.67 -2.25	30.65 1.79 0.00	30.65 1.79 0.00	31.23 1.87 0.00	101.76 6.53 0.00	60.47 3.70 0.00	29.96 2.09 0.00	28.32 2.12 0.00	29.20 2.31 0.00	27.13 2.06 0.00	30.60 2.41 0.00	34.46 2.62 0.00	46.27 3.19 0.00	38.28 2.61 -0.05	66.59 4.64 0.00	39.60 2.76 0.00	37.20 2.18 -6.52	62.29 -0.61 -71.23	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.25 -0.18 -29.84

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.95 -0.71 -1.03	19.89 -0.57 -3.25	25.10 -0.81 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.91 -5.33 0.00	54.52 -2.25 0.00	28.94 -0.96 -2.03	26.04 -1.25 -1.10	25.40 -1.50 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.30 -2.78 0.00	32.91 -2.72 -0.01	57.22 -4.74 0.00	34.04 -2.79 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.53 0.29 -9.76	5.45 0.05 -7.81
PACKARD__115KV_DUPONT_184 80571	25.95 -0.71 -1.03	19.89 -0.57 -3.25	25.10 -0.81 -0.62	26.60 -0.97 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.08 -1.28 0.00	89.91 -5.33 0.00	54.52 -2.25 0.00	28.94 -0.96 -2.03	26.04 -1.25 -1.10	25.40 -1.50 0.00	23.93 -1.14 0.00	26.50 -1.68 0.00	29.83 -2.01 0.00	40.30 -2.78 0.00	32.91 -2.72 -0.01	57.22 -4.74 0.00	34.04 -2.79 0.00	27.66 -2.55 -1.71	11.00 0.69 -18.64	10.67 -0.25 -8.09	4.53 0.29 -9.76	5.45 0.05 -7.81
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.99 1.42 -3.95	30.55 0.93 -12.40	29.00 1.34 -2.37	30.68 1.45 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	31.01 1.66 0.00	101.09 5.85 0.00	60.02 3.25 0.00	29.68 1.81 0.00	28.03 1.84 0.00	28.92 2.03 0.00	26.85 1.78 0.00	30.29 2.10 0.00	34.09 2.25 0.00	45.79 2.71 0.00	37.90 2.23 -0.05	65.86 3.91 0.00	39.19 2.35 0.00	36.90 1.88 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.27 -0.16 -29.85
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.10 1.53 -3.95	30.62 1.00 -12.40	29.11 1.44 -2.37	30.82 1.59 -2.25	30.57 1.70 0.00	30.57 1.70 0.00	31.19 1.83 0.00	101.84 6.61 0.00	60.45 3.68 0.00	29.85 1.98 0.00	28.16 1.97 0.00	29.03 2.14 0.00	26.95 1.88 0.00	30.38 2.19 0.00	34.21 2.37 0.00	45.96 2.89 0.00	38.08 2.41 -0.05	66.17 4.22 0.00	39.39 2.56 0.00	37.05 2.03 -6.52	62.35 -0.56 -71.23	33.93 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.17 -29.85
PATROON__115KV_TB1 80586	31.00 0.54 -4.83	32.73 0.36 -15.16	28.72 0.53 -2.89	30.27 0.54 -2.75	29.44 0.58 0.00	29.44 0.58 0.00	29.88 0.52 0.00	96.99 1.75 0.00	57.60 0.83 0.00	28.21 0.35 0.00	26.61 0.42 0.00	27.40 0.51 0.00	25.51 0.44 0.00	28.80 0.61 0.00	32.55 0.70 0.00	44.05 0.97 0.00	36.58 0.90 -0.06	63.46 1.51 0.00	37.69 0.85 0.00	37.17 0.71 -7.97	78.46 -0.19 -86.97	40.63 0.07 -37.73	39.91 -0.11 -45.53	33.98 -0.04 -36.44
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.04 0.33 -1.09	20.74 0.11 -3.42	26.18 0.24 -0.65	27.77 0.17 -0.62	29.07 0.20 0.00	29.07 0.20 0.00	29.54 0.17 0.00	95.81 0.58 0.00	57.91 1.14 0.00	30.38 0.66 -1.85	27.56 0.37 -1.00	27.07 0.17 0.00	25.46 0.39 0.00	28.28 0.09 0.00	31.93 0.09 0.00	43.02 -0.05 0.00	35.05 -0.58 -0.01	61.15 -0.81 0.00	36.33 -0.51 0.00	29.50 -0.79 -1.80	11.53 0.22 -19.63	11.26 -0.09 -8.52	4.78 0.02 -10.28	5.78 -0.03 -8.22
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.18 1.54 -4.01	30.80 0.99 -12.59	29.15 1.45 -2.40	30.82 1.56 -2.28	30.54 1.67 0.00	30.54 1.67 0.00	31.14 1.78 0.00	101.45 6.21 0.00	60.33 3.56 0.00	29.69 1.82 0.00	28.01 1.82 0.00	28.82 1.93 0.00	26.75 1.68 0.00	30.17 1.98 0.00	34.05 2.20 0.00	45.84 2.77 0.00	38.00 2.33 -0.05	66.11 4.16 0.00	39.32 2.48 0.00	37.08 1.95 -6.63	63.51 -0.55 -72.39	34.43 0.19 -31.40	32.02 -0.36 -37.90	27.76 -0.15 -30.33
PEEKSKILL____ 23653	30.85 1.30 -3.92	30.37 0.85 -12.31	28.86 1.22 -2.35	30.53 1.31 -2.23	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	100.24 5.00 0.00	59.61 2.84 0.00	29.43 1.56 0.00	27.83 1.63 0.00	28.66 1.76 0.00	26.62 1.56 0.00	30.03 1.84 0.00	33.86 2.02 0.00	45.51 2.44 0.00	37.66 1.99 -0.05	65.45 3.50 0.00	38.94 2.10 0.00	36.65 1.67 -6.48	61.89 -0.47 -70.68	33.66 0.16 -30.66	31.17 -0.31 -37.01	27.06 -0.14 -29.61
PGE MADISON__WINDPWR 24146	29.39 2.13 -1.64	23.76 1.40 -5.14	28.25 1.98 -0.98	30.16 2.24 -0.93	31.38 2.51 0.00	31.38 2.51 0.00	32.32 2.96 0.00	106.24 11.00 0.00	62.84 6.07 0.00	30.66 2.54 -0.25	28.44 2.11 -0.14	28.96 2.07 0.00	27.03 1.96 0.00	30.32 2.14 0.00	34.47 2.62 0.00	47.10 4.03 0.00	39.03 3.39 -0.02	68.35 6.39 0.00	40.42 3.59 0.00	33.59 2.39 -2.70	20.56 -0.61 -29.49	15.83 0.20 -12.79	9.57 -0.36 -15.44	9.80 -0.14 -12.36
PIERCEFIELD__HYD 23852	12.36 -2.23 11.03	16.59 -1.27 -0.64	23.80 -1.62 -0.12	25.14 -1.96 -0.12	26.76 -2.11 0.00	26.76 -2.11 0.00	27.67 -1.69 0.00	92.05 -3.18 0.00	55.78 -0.98 0.00	27.65 -0.22 0.00	25.29 -0.90 0.00	25.60 -1.29 0.00	23.88 -1.18 0.00	26.67 -1.52 0.00	30.07 -1.78 0.00	41.52 -1.55 0.00	34.50 -1.12 0.00	59.75 -2.21 0.00	35.56 -1.28 -0.33	27.77 -1.06 -0.33	-4.33 0.34 -3.66	4.32 -0.10 -1.59	-3.23 0.38 -1.92	-0.67 0.24 -1.50
PINELAWN_CC_1 323563	31.49 1.91 -3.95	30.83 1.22 -12.40	29.42 1.75 -2.37	31.10 1.87 -2.25	30.86 1.99 0.00	30.86 1.99 0.00	30.80 2.01 0.57	93.72 6.13 7.64	62.62 3.75 -2.11	30.07 2.21 0.00	28.45 2.26 0.00	34.50 2.41 -5.20	27.18 2.12 0.00	30.66 2.47 0.00	34.62 2.78 0.00	60.67 3.32 -14.27	86.41 2.77 -48.01	74.27 4.88 -7.44	39.79 2.96 0.00	37.30 2.28 -6.52	62.27 -0.62 -71.22	33.96 0.23 -30.90	31.35 -0.42 -37.29	27.24 -0.18 -29.84
PJM_GEN_HTP_PROXY 323702	30.99 1.42 -3.95	30.53 0.91 -12.40	29.00 1.33 -2.37	30.67 1.44 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.95 1.59 0.00	138.54 5.53 -37.78	15.67 3.08 44.18	29.64 1.77 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.12 2.28 0.00	46.25 2.74 -0.43	36.60 2.23 1.24	65.55 3.93 0.33	39.19 2.36 0.00	36.89 1.86 -6.52	62.38 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.56 -0.15 -30.13
PJM_GEN_KEystone 24065	28.97 0.73 -2.61	25.83 0.42 -8.20	27.49 0.63 -1.57	29.13 0.66 -1.49	29.56 0.69 0.00	29.56 0.69 0.00	30.06 0.70 0.00	135.23 2.22 -37.78	14.12 1.53 44.18	29.54 0.85 -0.82	27.50 0.86 -0.44	27.79 0.90 0.00	25.95 0.89 0.00	29.11 0.92 0.00	32.86 1.02 0.00	44.51 1.01 -0.43	34.85 0.49 1.26	62.59 0.97 0.33	37.42 0.58 0.00	33.19 0.38 -4.31	38.64 -0.11 -47.08	23.29 0.03 -20.42	18.99 -0.14 -24.65	17.52 -0.08 -20.01
PJM_GEN_NEPTUNE_PROXY 323594	31.32 1.74 -3.95	30.73 1.12 -12.40	29.26 1.60 -2.37	30.95 1.72 -2.25	30.71 1.85 0.00	30.71 1.85 0.00	30.43 1.78 0.70	128.05 5.64 -27.17	18.13 3.43 42.07	29.89 2.02 0.00	28.30 2.11 0.00	34.36 2.26 -5.20	27.01 1.95 0.00	30.46 2.27 0.00	34.36 2.52 0.00	60.77 2.99 -14.71	84.76 2.43 -46.72	71.04 4.03 -5.06	39.28 2.45 0.00	36.94 1.92 -6.52	62.38 -0.52 -71.22	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.55 -0.16 -30.12
PJM_GEN_VFT_PROXY 323633	30.87 1.30 -3.95	30.45 0.83 -12.40	28.87 1.21 -2.37	30.55 1.32 -2.25	30.28 1.41 0.00	30.28 1.41 0.00	30.82 1.46 0.00	138.01 5.00 -37.78	15.33 2.74 44.18	29.51 1.64 0.00	27.92 1.73 0.00	28.79 1.90 0.00	26.75 1.68 0.00	30.19 2.00 0.00	33.96 2.12 0.00	46.00 2.50 -0.43	36.37 2.00 1.24	65.19 3.57 0.33	38.98 2.15 0.00	36.73 1.71 -6.52	62.44 -0.47 -71.23	33.90 0.17 -30.90	31.45 -0.33 -37.29	27.57 -0.14 -30.13

PLATSBRG_115KV_PMLD1 355749	-3.50 -2.75 26.37	16.09 -1.61 -0.48	23.51 -1.87 -0.09	25.05 -2.02 -0.09	26.64 -2.22 0.00	26.64 -2.22 0.00	27.64 -1.72 0.00	92.37 -2.87 0.00	56.51 -0.26 0.00	28.02 0.15 0.00	25.67 -0.52 0.00	25.85 -1.04 0.00	24.04 -1.02 0.00	27.08 -1.11 0.00	30.65 -1.19 0.00	42.11 -0.97 0.00	34.95 -0.67 0.00	60.55 -1.40 0.00	36.02 -0.82 0.00	28.05 -0.70 -0.25	-5.37 0.23 -2.72	3.94 -0.07 -1.18	-3.73 0.36 -1.43	-1.06 0.25 -1.10
PLEASANTVLY___LBMP 24000	30.86 1.11 -4.13	30.89 0.72 -12.96	28.81 1.04 -2.47	30.45 1.11 -2.35	30.05 1.18 0.00	30.05 1.18 0.00	30.59 1.23 0.00	99.49 4.26 0.00	59.20 2.43 0.00	29.15 1.28 0.00	27.53 1.33 0.00	28.35 1.46 0.00	26.32 1.26 0.00	29.69 1.50 0.00	33.51 1.67 0.00	45.12 2.04 0.00	37.40 1.73 -0.05	65.00 3.05 0.00	38.63 1.80 0.00	36.74 1.43 -6.82	65.70 -0.40 -74.42	35.26 0.14 -32.29	33.18 -0.26 -38.96	28.65 -0.11 -31.18
PLSNTVLE_13_KV_13.8KVDIST 80602	30.89 1.26 -4.01	30.62 0.82 -12.59	28.88 1.19 -2.40	30.53 1.27 -2.28	30.22 1.36 0.00	30.22 1.36 0.00	30.77 1.41 0.00	100.09 4.86 0.00	59.58 2.81 0.00	29.38 1.51 0.00	27.75 1.56 0.00	28.58 1.69 0.00	26.55 1.48 0.00	29.95 1.76 0.00	33.78 1.94 0.00	45.45 2.38 0.00	37.65 1.98 -0.05	65.44 3.48 0.00	38.91 2.08 0.00	36.76 1.65 -6.62	63.49 -0.46 -72.27	34.35 0.16 -31.35	32.01 -0.31 -37.84	27.73 -0.13 -30.28
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.89 1.26 -4.01	30.62 0.82 -12.59	28.88 1.19 -2.40	30.53 1.27 -2.28	30.22 1.36 0.00	30.22 1.36 0.00	30.77 1.41 0.00	100.09 4.86 0.00	59.58 2.81 0.00	29.38 1.51 0.00	27.75 1.56 0.00	28.58 1.69 0.00	26.55 1.48 0.00	29.95 1.76 0.00	33.78 1.94 0.00	45.45 2.38 0.00	37.65 1.98 -0.05	65.44 3.48 0.00	38.91 2.08 0.00	36.76 1.65 -6.62	63.49 -0.46 -72.27	34.35 0.16 -31.35	32.01 -0.31 -37.84	27.73 -0.13 -30.28
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.08 1.42 -4.04	30.80 0.92 -12.67	29.05 1.33 -2.42	30.70 1.42 -2.30	30.40 1.53 0.00	30.40 1.53 0.00	30.99 1.63 0.00	100.96 5.72 0.00	60.01 3.24 0.00	29.47 1.61 0.00	27.78 1.59 0.00	28.57 1.67 0.00	26.48 1.41 0.00	29.87 1.68 0.00	33.74 1.90 0.00	45.52 2.45 0.00	37.78 2.11 -0.05	65.70 3.75 0.00	39.07 2.23 0.00	36.96 1.77 -6.69	64.22 -0.50 -73.04	34.69 0.17 -31.69	32.40 -0.32 -38.24	28.05 -0.14 -30.60
POLETTI____ 23519	30.91 1.34 -3.95	30.47 0.85 -12.40	28.90 1.24 -2.37	30.61 1.37 -2.25	30.34 1.47 0.00	30.34 1.47 0.00	30.87 1.51 0.00	100.36 5.12 0.00	59.62 2.85 0.00	29.55 1.69 0.00	27.96 1.77 0.00	28.84 1.96 0.00	26.79 1.73 0.00	30.22 2.03 0.00	34.01 2.17 0.00	45.66 2.58 0.00	37.77 2.10 -0.05	65.66 3.71 0.00	39.05 2.22 0.00	36.78 1.76 -6.52	62.42 -0.49 -71.23	33.91 0.17 -30.90	31.44 -0.33 -37.29	27.29 -0.14 -29.84
POMONA___ESR 323819	30.79 1.34 -3.83	30.11 0.88 -12.02	28.85 1.26 -2.29	30.53 1.37 -2.18	30.34 1.47 0.00	30.34 1.47 0.00	30.89 1.52 0.00	100.37 5.14 0.00	59.72 2.95 0.00	29.48 1.61 0.00	27.88 1.68 0.00	28.71 1.82 0.00	26.67 1.61 0.00	30.10 1.91 0.00	33.95 2.11 0.00	45.60 2.53 0.00	37.70 2.03 -0.05	65.55 3.60 0.00	38.99 2.15 0.00	36.54 1.72 -6.32	60.22 -0.48 -69.03	32.95 0.17 -29.95	30.29 -0.33 -36.14	26.36 -0.14 -28.92
PORT_JEFF_3 23555	31.41 1.84 -3.95	30.78 1.17 -12.40	29.33 1.67 -2.37	31.02 1.78 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	30.64 1.93 0.65	90.57 4.80 9.47	61.93 3.06 -2.11	29.91 2.04 0.00	28.40 2.20 0.00	34.42 2.33 -5.20	27.12 2.06 0.00	30.61 2.42 0.00	34.57 2.73 0.00	60.49 3.14 -14.27	86.19 2.56 -48.01	73.80 4.41 -7.44	39.57 2.73 0.00	37.12 2.10 -6.52	62.33 -0.57 -71.22	33.94 0.21 -30.90	31.37 -0.40 -37.29	27.24 -0.18 -29.84
PORT_JEFF_4 23616	31.41 1.84 -3.95	30.78 1.17 -12.40	29.33 1.67 -2.37	31.02 1.78 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	30.64 1.93 0.65	90.57 4.80 9.47	61.93 3.06 -2.11	29.91 2.04 0.00	28.40 2.20 0.00	34.42 2.33 -5.20	27.12 2.06 0.00	30.61 2.42 0.00	34.57 2.73 0.00	60.49 3.14 -14.27	86.19 2.56 -48.01	73.80 4.41 -7.44	39.57 2.73 0.00	37.12 2.10 -6.52	62.33 -0.57 -71.22	33.94 0.21 -30.90	31.37 -0.40 -37.29	27.24 -0.18 -29.84
PORT_JEFF_IC 23713	31.43 1.86 -3.95	30.80 1.18 -12.40	29.35 1.69 -2.37	31.03 1.80 -2.25	30.80 1.93 0.00	30.80 1.93 0.00	30.68 1.97 0.65	90.79 4.95 9.39	61.97 3.09 -2.11	29.89 2.02 0.00	28.42 2.23 0.00	34.44 2.35 -5.20	27.15 2.08 0.00	30.64 2.45 0.00	34.61 2.76 0.00	60.50 3.15 -14.27	86.20 2.58 -48.01	73.98 4.59 -7.44	39.68 2.84 0.00	37.21 2.19 -6.52	62.30 -0.60 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
PPL PILGRIM_ST_GT1 24216	31.69 2.11 -3.95	30.97 1.36 -12.40	29.60 1.94 -2.37	31.31 2.07 -2.25	31.09 2.22 0.00	31.09 2.22 0.00	30.99 2.26 0.63	92.29 6.10 9.05	62.71 3.84 -2.11	30.29 2.42 0.00	28.64 2.45 0.00	34.69 2.60 -5.20	27.36 2.30 0.00	30.88 2.69 0.00	34.87 3.03 0.00	60.77 3.42 -14.27	86.45 2.82 -48.01	74.83 5.44 -7.44	40.15 3.31 0.00	37.56 2.54 -6.52	62.20 -0.70 -71.22	33.99 0.25 -30.90	31.31 -0.46 -37.29	27.22 -0.21 -29.84
PPL PILGRIM_ST_GT2 24217	31.69 2.11 -3.95	30.97 1.36 -12.40	29.60 1.94 -2.37	31.31 2.07 -2.25	31.09 2.22 0.00	31.09 2.22 0.00	30.99 2.26 0.63	92.29 6.10 9.05	62.71 3.84 -2.11	30.29 2.42 0.00	28.64 2.45 0.00	34.69 2.60 -5.20	27.36 2.30 0.00	30.88 2.69 0.00	34.87 3.03 0.00	60.77 3.42 -14.27	86.45 2.82 -48.01	74.83 5.44 -7.44	40.15 3.31 0.00	37.56 2.54 -6.52	62.20 -0.70 -71.22	33.99 0.25 -30.90	31.31 -0.46 -37.29	27.22 -0.21 -29.84
PPL_SHRM_GT3 24213	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.13 0.65	90.59 4.79 9.43	62.27 3.40 -2.11	30.08 2.21 0.00	28.49 2.29 0.00	34.50 2.40 -5.20	27.19 2.12 0.00	30.70 2.51 0.00	34.72 2.87 0.00	60.81 3.46 -14.27	86.57 2.94 -48.01	74.55 5.16 -7.44	40.01 3.18 0.00	37.46 2.44 -6.52	62.23 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
PPL_SHRM_GT4 24214	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.13 0.65	90.59 4.79 9.43	62.27 3.40 -2.11	30.08 2.21 0.00	28.49 2.29 0.00	34.50 2.40 -5.20	27.19 2.12 0.00	30.70 2.51 0.00	34.72 2.87 0.00	60.81 3.46 -14.27	86.57 2.94 -48.01	74.55 5.16 -7.44	40.01 3.18 0.00	37.46 2.44 -6.52	62.23 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
PROJECT___ORANGE I 24174	26.07 0.00 -0.45	19.56 -0.04 -2.38	25.68 -0.07 -0.46	27.36 -0.05 -0.43	28.81 -0.06 0.00	28.81 -0.06 0.00	29.31 -0.05 0.00	94.95 -0.28 0.00	56.66 -0.10 0.00	27.79 -0.08 0.00	26.09 -0.10 0.00	26.75 -0.14 0.00	24.98 -0.09 0.00	28.03 -0.16 0.00	31.70 -0.14 0.00	42.87 -0.20 0.00	35.40 -0.23 -0.01	61.64 -0.32 0.00	36.64 -0.20 0.00	29.57 -0.18 -1.26	5.40 0.04 -13.69	8.76 -0.02 -5.94	1.66 0.01 -7.17	3.32 0.00 -5.73

PROJECT___ORANGE 2 24166	26.07 0.00 -0.45	19.56 -0.04 -2.38	25.68 -0.07 -0.46	27.36 -0.05 -0.43	28.81 -0.06 0.00	28.81 -0.06 0.00	29.31 -0.05 0.00	94.95 -0.28 0.00	56.66 -0.10 0.00	27.79 -0.08 0.00	26.09 -0.10 0.00	26.75 -0.14 0.00	24.98 -0.09 0.00	28.03 -0.16 0.00	31.70 -0.14 0.00	42.87 -0.20 0.00	35.40 -0.23 -0.01	61.64 -0.32 0.00	36.64 -0.20 0.00	29.57 -0.18 -1.26	5.40 0.04 -13.69	8.76 -0.02 -5.94	1.66 0.01 -7.17	3.32 0.00 -5.73
PUCKETT___SOLAR 323809	28.27 0.90 -1.75	23.24 0.54 -5.48	27.13 0.79 -1.05	28.86 0.89 -0.99	29.82 0.95 0.00	29.82 0.95 0.00	30.49 1.13 0.00	99.21 3.97 0.00	59.03 2.26 0.00	29.10 0.89 -0.34	27.11 0.74 -0.18	27.62 0.72 0.00	25.77 0.71 0.00	28.96 0.77 0.00	32.79 0.95 0.00	44.43 1.36 0.00	36.72 1.08 -0.02	64.14 2.18 0.00	38.09 1.26 0.00	32.23 0.85 -2.88	22.92 -0.23 -31.48	16.56 0.07 -13.66	10.80 -0.16 -16.48	10.70 -0.07 -13.19
PYRITES___HYD 24023	12.22 -1.89 11.51	16.80 -1.04 -0.63	24.12 -1.30 -0.12	25.44 -1.65 -0.11	27.08 -1.79 0.00	27.08 -1.79 0.00	28.04 -1.32 0.00	93.45 -1.78 0.00	56.53 -0.24 0.00	27.95 0.08 0.00	25.51 -0.68 0.00	25.84 -1.05 0.00	24.12 -0.95 0.00	26.90 -1.29 0.00	30.34 -1.50 0.00	41.99 -1.08 0.00	35.00 -0.62 0.00	60.67 -1.29 0.00	36.10 -0.74 0.00	28.20 -0.62 -0.33	-4.57 0.20 -3.56	4.32 -0.06 -1.54	-3.36 0.30 -1.86	-0.75 0.21 -1.46
QUAKERRD_115KV_BK1 80622	25.98 -0.54 -0.90	19.63 -0.41 -2.82	25.23 -0.60 -0.54	26.80 -0.69 -0.51	28.11 -0.75 0.00	28.11 -0.75 0.00	28.59 -0.77 0.00	92.67 -2.57 0.00	55.57 -1.20 0.00	26.11 -0.58 1.18	24.85 -0.71 0.64	26.04 -0.85 0.00	24.41 -0.66 0.00	27.26 -0.93 0.00	30.77 -1.07 0.00	41.67 -1.41 0.00	34.29 -1.34 -0.01	59.70 -2.25 0.00	35.47 -1.36 0.00	28.77 -1.21 -1.48	8.19 0.32 -16.20	9.74 -0.12 -7.03	3.12 0.15 -8.48	4.42 0.05 -6.79
QUENSBRY_115KV_TB8 356137	32.42 1.86 -4.94	33.94 1.24 -15.48	30.16 1.91 -2.96	31.74 1.95 -2.81	30.94 2.08 0.00	30.94 2.08 0.00	31.54 2.18 0.00	103.35 8.11 0.00	61.48 4.71 0.00	29.77 1.90 0.00	27.94 1.75 0.00	28.57 1.67 0.00	26.55 1.48 0.00	29.99 1.80 0.00	34.06 2.21 0.00	46.01 2.93 0.00	38.19 2.51 -0.06	65.97 4.01 0.00	39.13 2.30 0.00	38.39 1.75 -8.14	80.03 -0.52 -88.87	41.56 0.16 -38.56	40.66 -0.35 -46.53	34.66 -0.16 -37.24
RAMAPO___LBMP 323565	30.68 1.23 -3.82	30.02 0.80 -12.00	28.74 1.16 -2.29	30.41 1.26 -2.18	30.22 1.36 0.00	30.22 1.36 0.00	30.76 1.40 0.00	99.93 4.69 0.00	59.44 2.67 0.00	29.33 1.46 0.00	27.74 1.54 0.00	28.57 1.67 0.00	26.53 1.47 0.00	29.94 1.75 0.00	33.77 1.93 0.00	45.35 2.28 0.00	37.50 1.83 -0.05	65.19 3.23 0.00	38.78 1.95 0.00	36.37 1.56 -6.31	60.14 -0.44 -68.90	32.88 0.15 -29.89	30.26 -0.30 -36.07	26.32 -0.13 -28.87
RANKINE____ 23646	26.72 0.02 -1.08	20.52 -0.08 -3.39	25.88 -0.06 -0.65	27.46 -0.14 -0.61	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.53 -0.71 0.00	57.18 0.42 0.00	30.06 0.31 -1.88	27.22 0.01 -1.02	26.70 -0.19 0.00	25.12 0.05 0.00	27.90 -0.29 0.00	31.49 -0.36 0.00	42.46 -0.61 0.00	34.63 -1.00 -0.01	60.34 -1.61 0.00	35.83 -1.01 0.00	29.07 -1.20 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.73 0.00 -8.14
RAVENSWOOD_GT2_1 24244	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.76 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT2_2 24245	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.76 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT2_3 24246	31.01 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.68 1.45 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.97 1.61 0.00	100.80 5.57 0.00	59.91 3.14 0.00	29.67 1.80 0.00	28.06 1.86 0.00	28.93 2.04 0.00	26.87 1.81 0.00	30.31 2.12 0.00	34.14 2.30 0.00	45.84 2.77 0.00	37.92 2.25 -0.05	65.92 3.96 0.00	39.21 2.37 0.00	36.90 1.88 -6.52	62.38 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT2_4 24247	31.01 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.68 1.45 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.97 1.61 0.00	100.80 5.57 0.00	59.91 3.14 0.00	29.67 1.80 0.00	28.06 1.86 0.00	28.93 2.04 0.00	26.87 1.81 0.00	30.31 2.12 0.00	34.14 2.30 0.00	45.84 2.77 0.00	37.92 2.25 -0.05	65.92 3.96 0.00	39.21 2.37 0.00	36.90 1.88 -6.52	62.38 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT3_1 24248	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.76 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT3_2 24249	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.76 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT3_3 24250	31.03 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.70 1.47 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.98 1.63 0.00	100.90 5.66 0.00	59.97 3.20 0.00	29.71 1.84 0.00	28.09 1.90 0.00	28.96 2.07 0.00	26.90 1.83 0.00	30.35 2.16 0.00	34.18 2.33 0.00	45.90 2.83 0.00	37.96 2.29 -0.05	65.99 4.03 0.00	39.26 2.42 0.00	36.94 1.92 -6.52	62.38 -0.53 -71.23	33.92 0.19 -30.90	31.42 -0.36 -37.29	27.28 -0.16 -29.85
RAVENSWOOD_GT3_4 24251	31.03 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.70 1.47 -2.25	30.42 1.56 0.00	30.42 1.56 0.00	30.98 1.63 0.00	100.90 5.66 0.00	59.97 3.20 0.00	29.71 1.84 0.00	28.09 1.90 0.00	28.96 2.07 0.00	26.90 1.83 0.00	30.35 2.16 0.00	34.18 2.33 0.00	45.90 2.83 0.00	37.96 2.29 -0.05	65.99 4.03 0.00	39.26 2.42 0.00	36.94 1.92 -6.52	62.38 -0.53 -71.23	33.92 0.19 -30.90	31.42 -0.36 -37.29	27.28 -0.16 -29.85

RAVENSWOOD_GT_1 23729	31.03 1.46 -3.95	30.56 0.94 -12.40	29.02 1.36 -2.37	30.70 1.47 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.02 1.66 0.00	101.03 5.79 0.00	60.02 3.26 0.00	29.73 1.86 0.00	28.11 1.92 0.00	29.00 2.10 0.00	26.92 1.86 0.00	30.38 2.19 0.00	34.20 2.36 0.00	45.92 2.84 0.00	37.99 2.32 -0.05	66.02 4.07 0.00	39.27 2.43 0.00	36.95 1.92 -6.52	62.37 -0.54 -71.23	33.92 0.19 -30.90	31.42 -0.36 -37.29	27.27 -0.16 -29.85
RAVENSWOOD_GT_10 24258	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.75 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_11 24259	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.75 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_4 24252	31.00 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.60 0.00	100.77 5.53 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.83 2.76 0.00	37.91 2.24 -0.05	65.91 3.96 0.00	39.20 2.36 0.00	36.90 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_5 24254	31.00 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.60 0.00	100.77 5.53 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.83 2.76 0.00	37.91 2.24 -0.05	65.91 3.96 0.00	39.20 2.36 0.00	36.90 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_6 24253	31.00 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.60 0.00	100.77 5.53 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.83 2.76 0.00	37.91 2.24 -0.05	65.91 3.96 0.00	39.20 2.36 0.00	36.90 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_7 24255	31.00 1.43 -3.95	30.54 0.92 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.60 0.00	100.77 5.53 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.83 2.76 0.00	37.91 2.24 -0.05	65.91 3.96 0.00	39.20 2.36 0.00	36.90 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.19 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.75 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD_GT_9 24257	30.99 1.42 -3.95	30.53 0.91 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.75 5.52 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.02 0.00	26.85 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.82 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD___1 23533	30.98 1.40 -3.95	30.52 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.81 5.57 0.00	59.90 3.13 0.00	29.67 1.80 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.12 2.28 0.00	45.81 2.74 0.00	37.91 2.24 -0.05	65.85 3.89 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD___2 23534	30.98 1.40 -3.95	30.52 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.81 5.57 0.00	59.90 3.13 0.00	29.67 1.80 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.12 2.28 0.00	45.81 2.74 0.00	37.91 2.24 -0.05	65.85 3.89 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD___3 23535	30.99 1.42 -3.95	30.54 0.92 -12.40	28.98 1.32 -2.37	30.66 1.43 -2.25	30.39 1.53 0.00	30.39 1.53 0.00	30.95 1.59 0.00	100.77 5.53 0.00	59.89 3.12 0.00	29.66 1.79 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.79 0.00	30.30 2.11 0.00	34.12 2.28 0.00	45.83 2.75 0.00	37.90 2.23 -0.05	65.88 3.93 0.00	39.20 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.85
RAVENSWOOD___4 23820	30.98 1.40 -3.95	30.52 0.91 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.81 5.57 0.00	59.90 3.13 0.00	29.67 1.80 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.12 2.28 0.00	45.81 2.74 0.00	37.91 2.24 -0.05	65.85 3.89 0.00	39.19 2.36 0.00	36.89 1.86 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85
RCPI_TRUST___DRP 24196	30.99 1.42 -3.95	30.53 0.91 -12.40	28.99 1.33 -2.37	30.67 1.44 -2.25	30.40 1.53 0.00	30.40 1.53 0.00	30.96 1.59 0.00	100.79 5.56 0.00	59.88 3.11 0.00	29.65 1.78 0.00	28.04 1.85 0.00	28.93 2.04 0.00	26.87 1.81 0.00	30.31 2.12 0.00	34.12 2.28 0.00	45.83 2.76 0.00	37.90 2.23 -0.05	65.91 3.95 0.00	39.19 2.36 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.42 -0.35 -37.29	27.28 -0.15 -29.84
RED___ROCHESTER 323720	26.64 0.11 -0.91	20.09 0.01 -2.87	25.84 0.00 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.71 -0.37 0.00	35.07 -0.55 -0.01	61.13 -0.83 0.00	36.28 -0.56 0.00	29.34 -0.67 -1.50	8.24 0.16 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88

REGAN___SOLAR 323812	33.05 1.71 -5.72	36.30 1.13 -17.95	30.40 1.68 -3.43	32.05 1.82 -3.26	30.83 1.96 0.00	30.83 1.96 0.00	31.61 2.25 0.00	102.89 7.65 0.00	59.76 3.00 0.00	28.59 0.72 0.00	26.63 0.43 0.00	27.37 0.48 0.00	25.55 0.49 0.00	28.56 0.37 0.00	32.74 0.89 0.00	46.19 3.12 0.00	38.66 2.97 -0.07	66.71 4.76 0.00	39.67 2.84 0.00	40.04 2.11 -9.44	94.07 -0.63 -103.02	47.75 0.22 -44.69	48.05 -0.37 -53.93	40.59 -0.16 -43.16
RENSSELAER___COGEN 23796	30.83 0.42 -4.79	32.50 0.27 -15.01	28.57 0.41 -2.87	30.13 0.42 -2.72	29.33 0.46 0.00	29.33 0.46 0.00	29.74 0.38 0.00	96.46 1.22 0.00	57.26 0.49 0.00	28.05 0.18 0.00	26.46 0.26 0.00	27.24 0.35 0.00	25.36 0.29 0.00	28.63 0.44 0.00	32.34 0.50 0.00	43.75 0.68 0.00	36.37 0.69 -0.06	63.05 1.10 0.00	37.47 0.64 0.00	36.94 0.54 -7.89	77.70 -0.14 -86.17	40.27 0.05 -37.38	39.51 -0.08 -45.11	33.65 -0.04 -36.10
REPUBLIC_115KV_BARTNBRK 55605	33.49 2.93 -4.93	34.63 1.94 -15.48	31.26 3.01 -2.95	32.83 3.04 -2.81	32.07 3.20 0.00	32.07 3.20 0.00	32.88 3.52 0.00	108.80 13.56 0.00	64.84 8.07 0.00	31.06 3.19 0.00	28.98 2.79 0.00	29.58 2.69 0.00	27.42 2.35 0.00	31.11 2.92 0.00	35.55 3.70 0.00	48.34 5.27 0.00	39.24 3.56 -0.06	66.39 4.44 0.00	39.30 2.47 0.00	38.56 1.92 -8.14	79.76 -0.74 -88.83	41.62 0.25 -38.54	40.51 -0.48 -46.51	34.58 -0.22 -37.22
REVERE_CPPR_DRP 24186	25.53 0.48 0.57	18.86 0.35 -1.30	26.09 0.55 -0.25	27.84 0.63 -0.23	29.56 0.69 0.00	29.56 0.69 0.00	30.32 0.96 0.00	99.22 3.98 0.00	59.07 2.30 0.00	28.81 0.94 0.00	26.92 0.73 0.00	27.54 0.64 0.00	25.66 0.59 0.00	28.80 0.61 0.00	32.67 0.82 0.00	44.54 1.47 0.00	37.01 1.38 -0.01	64.47 2.52 0.00	38.27 1.44 0.00	30.14 0.96 -0.68	-1.14 -0.24 -7.43	6.14 0.08 -3.22	-1.74 -0.11 -3.89	0.66 -0.04 -3.11
REYNOLDS_115KV_TB3 80639	31.04 0.63 -4.79	32.66 0.41 -15.04	28.78 0.61 -2.87	30.34 0.63 -2.73	29.56 0.69 0.00	29.56 0.69 0.00	29.94 0.57 0.00	97.05 1.82 0.00	57.63 0.86 0.00	28.19 0.32 0.00	26.63 0.43 0.00	27.43 0.54 0.00	25.54 0.47 0.00	28.85 0.66 0.00	32.57 0.72 0.00	44.06 0.98 0.00	36.60 0.92 -0.06	63.43 1.47 0.00	37.68 0.85 0.00	37.13 0.73 -7.90	77.78 -0.19 -86.29	40.34 0.07 -37.44	39.54 -0.12 -45.18	33.69 -0.05 -36.16
RIVERBAY___ 323610	31.10 1.53 -3.95	30.62 1.00 -12.40	29.11 1.44 -2.37	30.82 1.59 -2.25	30.57 1.70 0.00	30.57 1.70 0.00	31.19 1.83 0.00	101.84 6.61 0.00	60.45 3.68 0.00	29.85 1.98 0.00	28.16 1.97 0.00	29.03 2.14 0.00	26.95 1.88 0.00	30.38 2.19 0.00	34.21 2.37 0.00	45.96 2.89 0.00	38.08 2.41 -0.05	66.17 4.22 0.00	39.39 2.56 0.00	37.05 2.03 -6.52	62.35 -0.56 -71.23	33.93 0.20 -30.90	31.39 -0.38 -37.29	27.26 -0.17 -29.85
RIVERSDE_115KV_TB3 55908	30.96 0.54 -4.80	32.63 0.35 -15.07	28.68 0.52 -2.88	30.25 0.53 -2.74	29.44 0.58 0.00	29.44 0.58 0.00	29.84 0.49 0.00	96.83 1.59 0.00	57.49 0.72 0.00	28.15 0.28 0.00	26.57 0.38 0.00	27.36 0.47 0.00	25.47 0.40 0.00	28.77 0.58 0.00	32.48 0.64 0.00	43.97 0.89 0.00	36.52 0.84 -0.06	63.30 1.35 0.00	37.61 0.77 0.00	37.08 0.66 -7.92	77.99 -0.17 -86.49	40.42 0.06 -37.52	39.66 -0.10 -45.28	33.78 -0.04 -36.24
ROARING___BROOK_WT_PWR 323790	6.17 -1.61 17.83	16.61 -0.91 -0.30	24.17 -1.18 -0.06	25.73 -1.31 -0.05	27.48 -1.39 0.00	27.48 -1.39 0.00	28.19 -1.17 0.00	92.55 -2.69 0.00	55.66 -1.11 0.00	27.52 -0.35 0.00	25.60 -0.59 0.00	26.14 -0.75 0.00	24.39 -0.68 0.00	27.39 -0.80 0.00	30.89 -0.95 0.00	42.12 -0.96 0.00	34.84 -0.78 0.00	60.21 -1.74 0.00	35.72 -1.12 0.00	27.61 -1.05 -0.16	-6.24 0.33 -1.75	3.48 -0.12 -0.76	-4.29 0.31 -0.92	-1.55 0.18 -0.69
ROCHESRG_115KV_T4 355643	26.38 -0.15 -0.91	19.92 -0.15 -2.85	25.61 -0.23 -0.54	27.19 -0.31 -0.52	28.52 -0.35 0.00	28.52 -0.35 0.00	28.97 -0.40 0.00	93.80 -1.43 0.00	56.38 -0.39 0.00	30.93 -0.15 -3.21	27.60 -0.33 -1.73	26.42 -0.47 0.00	24.78 -0.28 0.00	27.64 -0.55 0.00	31.17 -0.67 0.00	42.17 -0.90 0.00	34.63 -1.00 -0.01	60.29 -1.67 0.00	35.83 -1.01 0.00	28.99 -1.00 -1.50	8.30 0.25 -16.37	9.84 -0.10 -7.10	3.14 0.09 -8.57	4.45 0.01 -6.86
ROCHESTER_9_IC 23652	26.55 0.01 -0.91	20.03 -0.05 -2.87	25.76 -0.08 -0.55	27.35 -0.15 -0.52	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.56 -0.68 0.00	56.84 0.07 0.00	31.31 0.06 -3.38	27.88 -0.14 -1.83	26.61 -0.28 0.00	24.97 -0.10 0.00	27.84 -0.34 0.00	31.41 -0.43 0.00	42.48 -0.59 0.00	34.90 -0.72 -0.01	60.79 -1.17 0.00	36.09 -0.75 0.00	29.17 -0.83 -1.50	8.29 0.20 -16.41	9.87 -0.08 -7.12	3.13 0.06 -8.59	4.46 0.00 -6.88
ROCKVIEW_13_KV_LD 356306	31.05 1.47 -3.95	30.57 0.95 -12.40	29.03 1.37 -2.37	30.71 1.48 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.93 5.69 0.00	60.05 3.28 0.00	29.68 1.81 0.00	28.06 1.87 0.00	28.91 2.02 0.00	26.85 1.78 0.00	30.28 2.10 0.00	34.14 2.30 0.00	45.87 2.80 0.00	37.96 2.29 -0.05	66.00 4.04 0.00	39.26 2.43 0.00	36.94 1.91 -6.52	62.37 -0.53 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.27 -0.15 -29.84
ROME___115KV_TB2 80656	25.53 0.48 0.57	18.86 0.35 -1.30	26.09 0.55 -0.25	27.84 0.63 -0.23	29.56 0.69 0.00	29.56 0.69 0.00	30.32 0.96 0.00	99.22 3.98 0.00	59.07 2.30 0.00	28.81 0.94 0.00	26.92 0.73 0.00	27.54 0.64 0.00	25.66 0.59 0.00	28.80 0.61 0.00	32.67 0.82 0.00	44.54 1.47 0.00	37.01 1.38 -0.01	64.47 2.52 0.00	38.27 1.44 0.00	30.14 0.96 -0.68	-1.14 -0.24 -7.43	6.14 0.08 -3.22	-1.74 -0.11 -3.89	0.66 -0.04 -3.11
ROSETON___1 23587	30.67 1.11 -3.93	30.27 0.72 -12.34	28.69 1.04 -2.36	30.34 1.12 -2.24	30.05 1.18 0.00	30.05 1.18 0.00	30.59 1.23 0.00	99.49 4.26 0.00	59.20 2.43 0.00	29.16 1.29 0.00	27.54 1.35 0.00	28.36 1.47 0.00	26.34 1.28 0.00	29.72 1.53 0.00	33.52 1.68 0.00	45.12 2.05 0.00	37.38 1.71 -0.05	64.95 3.00 0.00	38.63 1.79 0.00	36.41 1.42 -6.49	62.16 -0.40 -70.88	33.72 0.14 -30.75	31.32 -0.27 -37.11	27.16 -0.12 -29.70
ROSETON___2 23588	30.67 1.11 -3.93	30.27 0.72 -12.34	28.69 1.04 -2.36	30.34 1.12 -2.24	30.05 1.18 0.00	30.05 1.18 0.00	30.59 1.23 0.00	99.49 4.26 0.00	59.20 2.43 0.00	29.16 1.29 0.00	27.54 1.35 0.00	28.36 1.47 0.00	26.34 1.28 0.00	29.72 1.53 0.00	33.52 1.68 0.00	45.12 2.05 0.00	37.38 1.71 -0.05	64.95 3.00 0.00	38.63 1.79 0.00	36.41 1.42 -6.49	62.16 -0.40 -70.88	33.72 0.14 -30.75	31.32 -0.27 -37.11	27.16 -0.12 -29.70
ROTTDRAM_115KV_TB3 80664	31.49 0.88 -4.99	33.46 0.59 -15.65	29.16 0.88 -2.99	30.76 0.93 -2.84	29.88 1.01 0.00	29.88 1.01 0.00	30.37 1.00 0.00	98.65 3.41 0.00	58.62 1.86 0.00	28.68 0.82 0.00	27.01 0.82 0.00	27.75 0.86 0.00	25.83 0.76 0.00	29.12 0.93 0.00	32.92 1.08 0.00	44.57 1.50 0.00	36.99 1.31 -0.07	64.20 2.24 0.00	38.16 1.33 0.00	37.76 1.04 -8.23	81.20 -0.29 -89.82	41.90 0.10 -38.96	41.31 -0.19 -47.02	35.13 -0.09 -37.63

RUSSELL___1 23602	26.64 0.11 -0.91	20.09 0.01 -2.87	25.85 0.01 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.69 -0.39 0.00	35.07 -0.55 -0.01	61.13 -0.82 0.00	36.29 -0.55 0.00	29.34 -0.66 -1.50	8.24 0.15 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88
RUSSELL___2 23532	26.64 0.11 -0.91	20.09 0.01 -2.87	25.85 0.01 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.69 -0.39 0.00	35.07 -0.55 -0.01	61.13 -0.82 0.00	36.29 -0.55 0.00	29.34 -0.66 -1.50	8.24 0.15 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88
RUSSELL___3 23549	26.64 0.11 -0.91	20.09 0.01 -2.87	25.85 0.01 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.69 -0.39 0.00	35.07 -0.55 -0.01	61.13 -0.82 0.00	36.29 -0.55 0.00	29.34 -0.66 -1.50	8.24 0.15 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88
RUSSELL___4 23556	26.64 0.11 -0.91	20.09 0.01 -2.87	25.85 0.01 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.69 -0.39 0.00	35.07 -0.55 -0.01	61.13 -0.82 0.00	36.29 -0.55 0.00	29.34 -0.66 -1.50	8.24 0.15 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88
RUSSELL___STATION 23914	26.64 0.11 -0.91	20.09 0.01 -2.87	25.85 0.01 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.69 -0.39 0.00	35.07 -0.55 -0.01	61.13 -0.82 0.00	36.29 -0.55 0.00	29.34 -0.66 -1.50	8.24 0.15 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88
S SALMON___HYD 24043	24.57 -0.62 0.43	18.87 -0.41 -2.07	25.15 -0.54 -0.40	26.81 -0.55 -0.37	28.29 -0.58 0.00	28.29 -0.58 0.00	28.93 -0.43 0.00	94.46 -0.78 0.00	56.26 -0.51 0.00	27.54 -0.32 0.00	25.76 -0.43 0.00	26.37 -0.52 0.00	24.62 -0.45 0.00	27.60 -0.58 0.00	31.28 -0.56 0.00	42.49 -0.58 0.00	35.29 -0.34 -0.01	61.53 -0.43 0.00	36.54 -0.30 0.00	29.19 -0.39 -1.09	3.70 0.12 -11.89	7.94 -0.05 -5.16	0.82 0.11 -6.23	2.62 0.06 -4.98
S.PERRY___115KV_TB1 80734	27.22 0.49 -1.12	20.92 0.20 -3.50	26.34 0.37 -0.67	28.06 0.45 -0.64	29.38 0.52 0.00	29.38 0.52 0.00	30.07 0.71 0.00	98.46 3.22 0.00	58.85 2.09 0.00	30.56 0.62 -2.07	27.76 0.44 -1.12	27.17 0.28 0.00	25.52 0.45 0.00	28.52 0.33 0.00	32.22 0.38 0.00	43.58 0.51 0.00	36.12 0.49 -0.02	63.32 1.36 0.00	37.57 0.74 0.00	30.52 0.18 -1.84	11.70 -0.05 -20.08	11.54 -0.01 -8.71	4.95 -0.04 -10.51	5.96 -0.04 -8.41
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.46 -0.22 -1.05	20.29 -0.24 -3.31	25.62 -0.31 -0.63	27.15 -0.43 -0.60	28.40 -0.46 0.00	28.40 -0.46 0.00	28.80 -0.56 0.00	92.97 -2.27 0.00	56.28 -0.49 0.00	29.76 -0.10 -1.99	26.85 -0.42 -1.08	26.26 -0.64 0.00	24.71 -0.35 0.00	27.42 -0.77 0.00	30.90 -0.94 0.00	41.72 -1.35 0.00	34.04 -1.60 -0.01	59.26 -2.69 0.00	35.22 -1.62 0.00	28.59 -1.65 -1.74	11.12 0.43 -19.00	10.91 -0.17 -8.25	4.58 0.15 -9.95	5.56 0.02 -7.96
SAWYER___23_KV_LOAD 55526	26.46 -0.22 -1.05	20.29 -0.24 -3.31	25.62 -0.31 -0.63	27.15 -0.43 -0.60	28.40 -0.46 0.00	28.40 -0.46 0.00	28.80 -0.56 0.00	92.97 -2.27 0.00	56.28 -0.49 0.00	29.76 -0.10 -1.99	26.85 -0.42 -1.08	26.26 -0.64 0.00	24.71 -0.35 0.00	27.42 -0.77 0.00	30.90 -0.94 0.00	41.72 -1.35 0.00	34.04 -1.60 -0.01	59.26 -2.69 0.00	35.22 -1.62 0.00	28.59 -1.65 -1.74	11.12 0.43 -19.00	10.91 -0.17 -8.25	4.58 0.15 -9.95	5.56 0.02 -7.96
SELKIRK___I 23801	30.96 0.56 -4.77	32.56 0.38 -14.97	28.69 0.54 -2.86	30.27 0.58 -2.72	29.47 0.61 0.00	29.47 0.61 0.00	29.92 0.57 0.00	97.00 1.77 0.00	57.66 0.89 0.00	28.26 0.40 0.00	26.67 0.47 0.00	27.44 0.55 0.00	25.55 0.48 0.00	28.82 0.63 0.00	32.55 0.71 0.00	44.01 0.94 0.00	36.52 0.84 -0.06	63.37 1.42 0.00	37.67 0.83 0.00	37.05 0.68 -7.87	77.43 -0.18 -85.94	40.18 0.07 -37.28	39.35 -0.12 -44.99	33.54 -0.05 -36.01
SELKIRK___II 23799	30.92 0.53 -4.77	32.53 0.36 -14.96	28.67 0.52 -2.86	30.24 0.54 -2.72	29.44 0.58 0.00	29.44 0.58 0.00	29.89 0.53 0.00	96.91 1.67 0.00	57.56 0.79 0.00	28.21 0.34 0.00	26.60 0.41 0.00	27.38 0.49 0.00	25.49 0.42 0.00	28.77 0.58 0.00	32.50 0.65 0.00	43.94 0.86 0.00	36.50 0.82 -0.06	63.33 1.37 0.00	37.64 0.81 0.00	37.02 0.66 -7.87	77.37 -0.18 -85.87	40.15 0.06 -37.25	39.33 -0.11 -44.96	33.51 -0.05 -35.98
SENECA OSWGO___HYD 24041	25.74 -0.23 -0.35	19.28 -0.18 -2.24	25.44 -0.28 -0.43	27.10 -0.29 -0.41	28.55 -0.32 0.00	28.55 -0.32 0.00	29.04 -0.32 0.00	94.02 -1.21 0.00	56.09 -0.68 0.00	27.52 -0.35 0.00	25.84 -0.35 0.00	26.50 -0.39 0.00	24.74 -0.32 0.00	27.76 -0.43 0.00	31.39 -0.45 0.00	42.47 -0.61 0.00	35.10 -0.52 -0.01	61.12 -0.84 0.00	36.34 -0.49 0.00	29.29 -0.39 -1.18	4.65 0.09 -12.88	8.39 -0.03 -5.59	1.28 0.06 -6.74	3.00 0.02 -5.40
SENECA___115KV_TB3 355854	26.76 0.06 -1.08	20.54 -0.06 -3.39	25.92 -0.02 -0.65	27.49 -0.10 -0.61	28.75 -0.12 0.00	28.75 -0.12 0.00	29.22 -0.14 0.00	94.72 -0.52 0.00	57.28 0.51 0.00	30.11 0.36 -1.88	27.27 0.06 -1.02	26.75 -0.14 0.00	25.17 0.10 0.00	27.95 -0.24 0.00	31.54 -0.31 0.00	42.54 -0.53 0.00	34.68 -0.95 -0.01	60.46 -1.49 0.00	35.90 -0.94 0.00	29.12 -1.15 -1.78	11.42 0.31 -19.44	11.14 -0.13 -8.43	4.74 0.08 -10.17	5.72 -0.01 -8.14
SENECA___ENERGY 23797	26.65 0.10 -0.92	20.12 0.00 -2.91	25.85 0.01 -0.55	27.51 0.00 -0.53	28.87 0.00 0.00	28.87 0.00 0.00	29.46 0.09 0.00	95.75 0.51 0.00	57.09 0.33 0.00	27.82 0.09 0.14	26.12 0.00 0.07	26.80 -0.09 0.00	25.08 0.01 0.00	28.11 -0.08 0.00	31.84 0.00 0.00	43.04 -0.04 0.00	35.51 -0.12 -0.01	61.79 -0.17 0.00	36.75 -0.09 0.00	29.87 -0.16 -1.53	8.38 0.04 -16.67	10.05 -0.02 -7.23	3.23 0.02 -8.73	4.57 0.00 -6.99
SHOEMAKER___GT 23640	30.32 1.03 -3.66	29.38 0.68 -11.49	28.45 0.96 -2.19	30.11 1.04 -2.09	29.99 1.12 0.00	29.99 1.12 0.00	30.54 1.17 0.00	99.19 3.96 0.00	58.96 2.19 0.00	29.00 1.13 0.00	27.35 1.16 0.00	28.14 1.25 0.00	26.15 1.09 0.00	29.50 1.31 0.00	33.29 1.45 0.00	44.88 1.81 0.00	37.18 1.52 -0.05	64.65 2.70 0.00	38.48 1.65 0.00	35.84 1.30 -6.04	57.28 -0.37 -65.97	31.58 0.12 -28.62	28.78 -0.24 -34.54	25.12 -0.11 -27.64

SHOEMAKR_138KV_BK 111 55601	30.29 1.02 -3.64	29.30 0.66 -11.42	28.43 0.96 -2.18	30.09 1.04 -2.07	29.99 1.13 0.00	29.99 1.13 0.00	30.53 1.17 0.00	99.17 3.93 0.00	58.97 2.20 0.00	29.01 1.14 0.00	27.37 1.18 0.00	28.18 1.29 0.00	26.18 1.11 0.00	29.53 1.34 0.00	33.32 1.48 0.00	44.90 1.83 0.00	37.18 1.52 -0.05	64.65 2.70 0.00	38.46 1.63 0.00	35.80 1.29 -6.01	56.91 -0.36 -65.59	31.42 0.12 -28.46	28.58 -0.24 -34.34	24.96 -0.11 -27.48
SHOREHAM_IC_1 23715	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.13 0.65	90.59 4.79 9.43	62.27 3.40 -2.11	30.08 2.21 0.00	28.49 2.29 0.00	34.50 2.40 -5.20	27.19 2.12 0.00	30.70 2.51 0.00	34.72 2.87 0.00	60.81 3.46 -14.27	86.57 2.94 -48.01	74.55 5.16 -7.44	40.01 3.18 0.00	37.46 2.44 -6.52	62.23 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
SHOREHAM_IC_2 23716	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.13 0.65	90.59 4.79 9.43	62.27 3.40 -2.11	30.08 2.21 0.00	28.49 2.29 0.00	34.50 2.40 -5.20	27.19 2.12 0.00	30.70 2.51 0.00	34.72 2.87 0.00	60.81 3.46 -14.27	86.57 2.94 -48.01	74.55 5.16 -7.44	40.01 3.18 0.00	37.46 2.44 -6.52	62.23 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
SISSONVILLE____ 23735	12.36 -2.23 11.03	16.59 -1.27 -0.64	23.80 -1.62 -0.12	25.14 -1.96 -0.12	26.76 -2.11 0.00	26.76 -2.11 0.00	27.67 -1.69 0.00	92.05 -3.18 0.00	55.78 -0.98 0.00	27.65 -0.22 0.00	25.29 -0.90 0.00	25.60 -1.29 0.00	23.88 -1.18 0.00	26.67 -1.52 0.00	30.07 -1.78 0.00	41.52 -1.55 0.00	34.50 -1.12 0.00	59.75 -2.21 0.00	35.56 -1.28 0.00	27.77 -1.06 -0.33	-4.33 0.34 -3.66	4.32 -0.10 -1.59	-3.23 0.38 -1.92	-0.67 0.24 -1.50
SITHE_IND_GS1 24169	25.71 -0.53 -0.62	18.79 -0.38 -1.96	25.11 -0.55 -0.37	26.74 -0.59 -0.36	28.23 -0.64 0.00	28.23 -0.64 0.00	28.67 -0.69 0.00	92.69 -2.54 0.00	55.31 -1.46 0.00	27.16 -0.70 0.00	25.50 -0.70 0.00	26.14 -0.75 0.00	24.41 -0.65 0.00	27.38 -0.80 0.00	30.94 -0.90 0.00	41.86 -1.21 0.00	34.58 -1.04 -0.01	60.19 -1.77 0.00	35.80 -1.04 0.00	28.75 -0.77 -1.03	3.11 0.20 -11.23	7.63 -0.07 -4.87	0.49 0.12 -5.88	2.34 0.05 -4.71
SITHE_IND_GS2 24170	25.71 -0.53 -0.62	18.79 -0.38 -1.96	25.11 -0.55 -0.37	26.74 -0.59 -0.36	28.23 -0.64 0.00	28.23 -0.64 0.00	28.67 -0.69 0.00	92.69 -2.54 0.00	55.31 -1.46 0.00	27.16 -0.70 0.00	25.50 -0.70 0.00	26.14 -0.75 0.00	24.41 -0.65 0.00	27.38 -0.80 0.00	30.94 -0.90 0.00	41.86 -1.21 0.00	34.58 -1.04 -0.01	60.19 -1.77 0.00	35.80 -1.04 0.00	28.75 -0.77 -1.03	3.11 0.20 -11.23	7.63 -0.07 -4.87	0.49 0.12 -5.88	2.34 0.05 -4.71
SITHE_IND_GS3 24171	25.71 -0.53 -0.62	18.79 -0.38 -1.96	25.11 -0.55 -0.37	26.74 -0.59 -0.36	28.23 -0.64 0.00	28.23 -0.64 0.00	28.67 -0.69 0.00	92.69 -2.54 0.00	55.31 -1.46 0.00	27.16 -0.70 0.00	25.50 -0.70 0.00	26.14 -0.75 0.00	24.41 -0.65 0.00	27.38 -0.80 0.00	30.94 -0.90 0.00	41.86 -1.21 0.00	34.58 -1.04 -0.01	60.19 -1.77 0.00	35.80 -1.04 0.00	28.75 -0.77 -1.03	3.11 0.20 -11.23	7.63 -0.07 -4.87	0.49 0.12 -5.88	2.34 0.05 -4.71
SITHE_IND_GS4 24172	25.71 -0.53 -0.62	18.79 -0.38 -1.96	25.11 -0.55 -0.37	26.74 -0.59 -0.36	28.23 -0.64 0.00	28.23 -0.64 0.00	28.67 -0.69 0.00	92.69 -2.54 0.00	55.31 -1.46 0.00	27.16 -0.70 0.00	25.50 -0.70 0.00	26.14 -0.75 0.00	24.41 -0.65 0.00	27.38 -0.80 0.00	30.94 -0.90 0.00	41.86 -1.21 0.00	34.58 -1.04 -0.01	60.19 -1.77 0.00	35.80 -1.04 0.00	28.75 -0.77 -1.03	3.11 0.20 -11.23	7.63 -0.07 -4.87	0.49 0.12 -5.88	2.34 0.05 -4.71
SITHE____BATAVIA 24024	27.18 0.56 -1.00	20.64 0.28 -3.14	26.34 0.44 -0.60	27.91 0.36 -0.57	29.24 0.37 0.00	29.24 0.37 0.00	29.81 0.45 0.00	96.96 1.72 0.00	58.46 1.70 0.00	29.82 0.77 -1.19	27.08 0.25 -0.64	26.88 -0.01 0.00	25.30 0.24 0.00	28.12 -0.06 0.00	31.77 -0.07 0.00	43.10 0.02 0.00	35.41 -0.22 -0.01	61.95 0.00 0.00	36.82 -0.01 0.00	29.75 -0.40 -1.65	9.76 0.07 -18.01	10.60 -0.04 -7.81	3.86 -0.05 -9.43	5.06 -0.07 -7.55
SITHE____INDEPEND 23800	25.72 -0.53 -0.62	18.80 -0.38 -1.96	25.11 -0.55 -0.37	26.74 -0.59 -0.36	28.23 -0.64 0.00	28.23 -0.64 0.00	28.67 -0.69 0.00	92.69 -2.55 0.00	55.31 -1.46 0.00	27.16 -0.70 0.00	25.50 -0.70 0.00	26.14 -0.75 0.00	24.41 -0.65 0.00	27.38 -0.80 0.00	30.94 -0.90 0.00	41.86 -1.21 0.00	34.58 -1.04 -0.01	60.19 -1.76 0.00	35.80 -1.04 0.00	28.75 -0.77 -1.03	3.11 0.20 -11.23	7.63 -0.07 -4.87	0.49 0.12 -5.88	2.34 0.05 -4.71
SITHE____MASSENA 23902	8.63 -2.24 14.76	16.47 -1.26 -0.51	23.76 -1.63 -0.10	25.04 -2.03 -0.09	26.67 -2.19 0.00	26.67 -2.19 0.00	27.52 -1.84 0.00	91.29 -3.95 0.00	55.45 -1.32 0.00	27.57 -0.30 0.00	25.20 -1.00 0.00	25.51 -1.38 0.00	23.81 -1.25 0.00	26.56 -1.63 0.00	29.89 -1.95 0.00	41.22 -1.85 0.00	34.22 -1.40 0.00	59.13 -2.82 0.00	35.23 -1.60 0.00	27.51 -1.25 -0.27	-5.06 0.37 -2.89	3.98 -0.11 -1.25	-3.62 0.39 -1.51	-1.00 0.25 -1.17
SITHE____OGDNSBRG 24021	11.25 -1.92 12.45	16.75 -1.06 -0.59	24.07 -1.33 -0.11	25.37 -1.72 -0.11	27.02 -1.85 0.00	27.02 -1.85 0.00	27.96 -1.40 0.00	93.06 -2.18 0.00	56.30 -0.47 0.00	27.84 -0.02 0.00	25.43 -0.77 0.00	25.74 -1.15 0.00	24.03 -1.03 0.00	26.80 -1.39 0.00	30.19 -1.65 0.00	41.78 -1.29 0.00	34.84 -0.77 0.00	60.38 -1.58 0.00	35.95 -0.89 0.00	28.08 -0.72 -0.31	-4.74 0.23 -3.36	4.23 -0.07 -1.46	-3.45 0.31 -1.76	-0.82 0.22 -1.37
SITHE____STERLING 23777	25.95 0.47 0.14	19.04 0.34 -1.49	26.10 0.52 -0.28	27.84 0.59 -0.27	29.50 0.63 0.00	29.50 0.63 0.00	30.19 0.83 0.00	98.55 3.31 0.00	58.68 1.91 0.00	28.63 0.76 0.00	26.80 0.61 0.00	27.42 0.53 0.00	25.55 0.49 0.00	28.69 0.50 0.00	32.50 0.66 0.00	44.25 1.17 0.00	36.69 1.06 -0.01	63.92 1.96 0.00	37.94 1.10 0.00	30.01 0.73 -0.78	0.01 -0.19 -8.53	6.60 0.06 -3.70	-1.15 -0.10 -4.46	1.12 -0.04 -3.57
SLEIGHT__34_KV_TB1 80719	26.48 -0.04 -0.90	19.96 -0.08 -2.82	25.74 -0.10 -0.54	27.34 -0.15 -0.51	28.69 -0.17 0.00	28.69 -0.17 0.00	29.24 -0.12 0.00	95.03 -0.20 0.00	56.87 0.10 0.00	26.93 0.02 0.95	25.54 -0.14 0.51	26.64 -0.26 0.00	24.94 -0.12 0.00	27.88 -0.30 0.00	31.52 -0.32 0.00	42.71 -0.36 0.00	35.18 -0.45 -0.01	61.31 -0.65 0.00	36.41 -0.42 0.00	29.50 -0.49 -1.48	7.98 0.12 -16.18	9.81 -0.05 -7.02	3.00 0.04 -8.47	4.37 0.01 -6.78
SOUTH CAIRO____GT 23612	31.91 1.73 -4.56	32.65 1.14 -14.30	29.73 1.71 -2.73	31.38 1.80 -2.59	30.80 1.93 0.00	30.80 1.93 0.00	31.38 2.02 0.00	101.91 6.67 0.00	59.68 2.92 0.00	29.02 1.15 0.00	27.12 0.92 0.00	27.82 0.93 0.00	25.92 0.85 0.00	29.32 1.13 0.00	33.33 1.50 0.00	45.58 2.51 0.00	38.43 2.75 -0.06	67.14 5.19 0.00	39.91 3.07 0.00	38.38 2.37 -7.51	73.00 -0.66 -81.98	38.62 0.22 -35.56	37.03 -0.37 -42.92	31.78 -0.16 -34.35

SOUTH HAMPTN___IC 23720	31.93 2.35 -3.95	31.12 1.50 -12.40	29.82 2.16 -2.37	31.54 2.31 -2.25	31.35 2.48 0.00	31.35 2.48 0.00	31.29 2.58 0.65	92.27 6.49 9.46	63.21 4.34 -2.11	30.51 2.64 0.00	28.87 2.68 0.00	34.88 2.79 -5.20	27.55 2.49 0.00	31.12 2.93 0.00	35.20 3.36 0.00	61.49 4.15 -14.27	87.16 3.53 -48.01	75.64 6.25 -7.44	40.64 3.81 0.00	37.94 2.92 -6.52	62.09 -0.81 -71.22	34.02 0.29 -30.90	31.23 -0.54 -37.29	27.19 -0.23 -29.84
SOUTHDOW_115KV_TB1 355954	27.58 0.84 -1.12	21.18 0.46 -3.51	26.85 0.89 -0.67	28.62 1.00 -0.64	29.93 1.07 0.00	29.93 1.07 0.00	30.53 1.18 0.00	99.95 4.71 0.00	60.20 3.43 0.00	31.44 1.77 -1.80	28.66 1.49 -0.97	28.32 1.43 0.00	26.58 1.51 0.00	29.57 1.38 0.00	33.39 1.55 0.00	44.97 1.90 0.00	36.45 0.81 -0.02	63.47 1.52 0.00	37.44 0.60 0.00	30.29 -0.05 -1.85	11.81 0.00 -20.13	11.54 -0.03 -8.74	4.95 -0.07 -10.54	5.96 -0.06 -8.43
SOUTHOLD_69_KV_BK 2 55809	32.22 2.65 -3.95	31.30 1.69 -12.40	30.10 2.44 -2.37	31.84 2.60 -2.25	31.67 2.80 0.00	31.67 2.80 0.00	31.63 2.92 0.65	93.42 7.64 9.46	63.92 5.05 -2.11	30.84 2.97 0.00	29.15 2.96 0.00	35.17 3.08 -5.20	27.81 2.74 0.00	31.42 3.23 0.00	35.56 3.72 0.00	62.01 4.66 -14.27	87.63 4.00 -48.01	76.47 7.08 -7.44	41.16 4.32 0.00	38.33 3.31 -6.52	61.98 -0.92 -71.22	34.06 0.32 -30.90	31.17 -0.60 -37.29	27.16 -0.26 -29.84
SOUTHOLD___IC 23719	32.22 2.64 -3.95	31.31 1.69 -12.40	30.10 2.44 -2.37	31.83 2.60 -2.25	31.66 2.80 0.00	31.66 2.80 0.00	31.63 2.92 0.65	93.42 7.64 9.46	63.92 5.05 -2.11	30.83 2.97 0.00	29.15 2.96 0.00	35.15 3.06 -5.20	27.81 2.74 0.00	31.42 3.23 0.00	35.56 3.72 0.00	62.01 4.66 -14.27	87.62 4.00 -48.01	76.47 7.08 -7.44	41.16 4.32 0.00	38.32 3.30 -6.52	61.98 -0.92 -71.22	34.06 0.32 -30.90	31.17 -0.60 -37.29	27.16 -0.26 -29.84
SOUTH_FORK_WT_PWR 323839	32.29 2.71 -3.95	31.35 1.73 -12.40	30.16 2.50 -2.37	31.90 2.67 -2.25	31.72 2.86 0.00	31.72 2.86 0.00	31.70 2.99 0.65	93.60 7.82 9.46	64.08 5.20 -2.11	30.92 3.05 0.00	29.23 3.03 0.00	35.24 3.15 -5.20	27.88 2.81 0.00	31.49 3.30 0.00	35.64 3.80 0.00	62.13 4.78 -14.27	87.72 4.09 -48.01	76.60 7.21 -7.44	41.26 4.43 0.00	38.41 3.39 -6.52	61.95 -0.94 -71.22	34.06 0.33 -30.90	31.15 -0.62 -37.29	27.16 -0.27 -29.84
SPIERFLS_115KV_TB 1 80737	32.23 1.66 -4.94	33.83 1.11 -15.50	29.95 1.70 -2.96	31.54 1.75 -2.81	30.71 1.85 0.00	30.71 1.85 0.00	31.28 1.92 0.00	102.18 6.94 0.00	60.73 3.97 0.00	29.49 1.62 0.00	27.70 1.51 0.00	28.34 1.44 0.00	26.35 1.29 0.00	29.74 1.55 0.00	33.73 1.89 0.00	45.46 2.39 0.00	37.74 2.06 -0.06	65.33 3.38 0.00	38.78 1.94 0.00	38.13 1.48 -8.15	80.19 -0.44 -88.95	41.56 0.14 -38.59	40.73 -0.31 -46.57	34.71 -0.15 -37.27
ST LAWRENCE___ 23600	7.18 -2.66 15.79	16.15 -1.54 -0.47	23.32 -2.06 -0.09	24.57 -2.50 -0.08	26.18 -2.68 0.00	26.18 -2.68 0.00	26.98 -2.38 0.00	89.39 -5.84 0.00	54.35 -2.42 0.00	27.07 -0.79 0.00	24.74 -1.46 0.00	25.04 -1.85 0.00	23.39 -1.68 0.00	26.22 -1.97 0.00	29.51 -2.33 0.00	40.68 -2.39 0.00	33.74 -1.88 0.00	58.32 -3.63 0.00	34.76 -2.08 0.00	27.15 -1.60 -0.25	-5.12 0.47 -2.73	3.87 -0.15 -1.19	-3.64 0.45 -1.43	-1.04 0.27 -1.11
STATE_CA_115KV_115_LB 55624	31.00 0.54 -4.83	32.74 0.36 -15.16	28.72 0.53 -2.90	30.28 0.55 -2.75	29.47 0.61 0.00	29.47 0.61 0.00	29.91 0.55 0.00	96.99 1.75 0.00	57.60 0.84 0.00	28.21 0.35 0.00	26.62 0.42 0.00	27.40 0.51 0.00	25.51 0.45 0.00	28.81 0.62 0.00	32.55 0.70 0.00	44.05 0.98 0.00	36.58 0.90 -0.06	63.46 1.51 0.00	37.70 0.86 0.00	37.18 0.71 -7.97	78.52 -0.19 -87.03	40.65 0.07 -37.76	39.94 -0.11 -45.56	34.00 -0.04 -36.46
STATE_ST_34_KV_LOAD 55959	26.95 0.41 -0.92	20.33 0.23 -2.88	26.21 0.37 -0.55	27.81 0.31 -0.52	29.18 0.32 0.00	29.18 0.32 0.00	29.75 0.39 0.00	96.52 1.28 0.00	57.52 0.76 0.00	28.02 0.28 0.13	26.32 0.19 0.07	27.03 0.14 0.00	25.26 0.19 0.00	28.34 0.14 0.00	32.08 0.24 0.00	43.43 0.35 0.00	35.88 0.25 -0.01	62.48 0.53 0.00	37.16 0.33 0.00	30.20 0.19 -1.51	8.14 -0.07 -16.53	10.02 0.02 -7.17	3.09 -0.05 -8.65	4.48 -0.03 -6.92
STATION 5_MISC_HYD 23604	26.55 0.01 -0.91	20.02 -0.06 -2.87	25.76 -0.09 -0.55	27.35 -0.15 -0.52	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.57 -0.66 0.00	56.83 0.07 0.00	31.32 0.06 -3.38	27.88 -0.14 -1.83	26.62 -0.27 0.00	24.97 -0.10 0.00	27.85 -0.34 0.00	31.41 -0.43 0.00	42.50 -0.57 0.00	34.90 -0.73 -0.01	60.78 -1.17 0.00	36.09 -0.75 0.00	29.18 -0.82 -1.50	8.29 0.20 -16.41	9.87 -0.08 -7.12	3.13 0.05 -8.59	4.46 0.00 -6.88
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.94 0.42 -0.90	20.24 0.22 -2.81	26.14 0.31 -0.54	27.80 0.31 -0.51	29.18 0.32 0.00	29.18 0.32 0.00	29.78 0.42 0.00	96.91 1.67 0.00	57.94 1.17 0.00	27.98 0.52 0.41	26.31 0.34 0.22	27.14 0.25 0.00	25.41 0.35 0.00	28.46 0.27 0.00	32.18 0.34 0.00	43.58 0.51 0.00	35.91 0.28 -0.01	62.58 0.63 0.00	37.16 0.33 0.00	30.08 0.11 -1.48	7.77 -0.05 -16.14	9.85 0.01 -7.00	2.87 -0.06 -8.45	4.31 -0.04 -6.76
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.37 -0.16 -0.91	19.91 -0.16 -2.85	25.60 -0.24 -0.54	27.19 -0.31 -0.52	28.52 -0.35 0.00	28.52 -0.35 0.00	28.99 -0.37 0.00	94.03 -1.20 0.00	56.46 -0.31 0.00	32.77 -0.12 -5.03	28.61 -0.30 -2.72	26.45 -0.44 0.00	24.81 -0.25 0.00	27.69 -0.50 0.00	31.23 -0.61 0.00	42.27 -0.80 0.00	34.75 -0.88 -0.01	60.52 -1.44 0.00	35.95 -0.89 0.00	29.10 -0.90 -1.50	8.26 0.23 -16.36	9.84 -0.09 -7.09	3.13 0.08 -8.56	4.45 0.01 -6.85
STA_56___34_KV_BUS2 355983	26.37 -0.16 -0.91	19.91 -0.16 -2.85	25.60 -0.24 -0.54	27.19 -0.31 -0.52	28.52 -0.35 0.00	28.52 -0.35 0.00	28.99 -0.37 0.00	94.03 -1.20 0.00	56.46 -0.31 0.00	32.77 -0.12 -5.03	28.61 -0.30 -2.72	26.45 -0.44 0.00	24.81 -0.25 0.00	27.69 -0.50 0.00	31.23 -0.61 0.00	42.27 -0.80 0.00	34.75 -0.88 -0.01	60.52 -1.44 0.00	35.95 -0.89 0.00	29.10 -0.90 -1.50	8.26 0.23 -16.36	9.84 -0.09 -7.09	3.13 0.08 -8.56	4.45 0.01 -6.85
STA_67___115KV_BK2 355882	26.50 -0.03 -0.91	20.00 -0.08 -2.87	25.72 -0.12 -0.55	27.31 -0.19 -0.52	28.66 -0.20 0.00	28.66 -0.20 0.00	29.11 -0.25 0.00	94.35 -0.89 0.00	56.70 -0.07 0.00	31.24 0.00 -3.37	27.82 -0.19 -1.82	26.56 -0.33 0.00	24.92 -0.15 0.00	27.78 -0.40 0.00	31.34 -0.50 0.00	42.40 -0.68 0.00	34.83 -0.80 -0.01	60.65 -1.30 0.00	36.00 -0.83 0.00	29.11 -0.89 -1.50	8.30 0.22 -16.40	9.86 -0.09 -7.12	3.14 0.07 -8.59	4.46 0.01 -6.87
STA_7___115KV_9TRANS 80674	26.64 0.11 -0.91	20.09 0.01 -2.87	25.85 0.01 -0.55	27.45 -0.05 -0.52	28.81 -0.06 0.00	28.81 -0.06 0.00	29.29 -0.07 0.00	95.12 -0.12 0.00	57.13 0.36 0.00	31.46 0.20 -3.39	28.01 -0.02 -1.83	26.74 -0.15 0.00	25.08 0.02 0.00	27.98 -0.21 0.00	31.55 -0.29 0.00	42.69 -0.39 0.00	35.07 -0.55 -0.01	61.13 -0.82 0.00	36.29 -0.55 0.00	29.34 -0.66 -1.50	8.24 0.15 -16.41	9.89 -0.07 -7.12	3.10 0.03 -8.59	4.45 -0.01 -6.88

STA_82___115KV_TB1 80780	26.48 -0.05 -0.91	19.99 -0.10 -2.87	25.69 -0.15 -0.55	27.29 -0.21 -0.52	28.63 -0.23 0.00	28.63 -0.23 0.00	29.08 -0.28 0.00	94.22 -1.01 0.00	56.62 -0.15 0.00	31.26 -0.03 -3.42	27.82 -0.22 -1.85	26.53 -0.37 0.00	24.89 -0.17 0.00	27.76 -0.43 0.00	31.31 -0.53 0.00	42.35 -0.72 0.00	34.78 -0.84 -0.01	60.58 -1.37 0.00	35.98 -0.86 0.00	29.11 -0.90 -1.51	8.33 0.23 -16.43	9.88 -0.09 -7.13	3.16 0.07 -8.60	4.47 0.01 -6.89
STEEL___WIND 323596	26.74 0.04 -1.08	20.53 -0.07 -3.39	25.89 -0.05 -0.65	27.47 -0.12 -0.61	28.72 -0.14 0.00	28.72 -0.14 0.00	29.19 -0.17 0.00	94.62 -0.61 0.00	57.25 0.48 0.00	30.07 0.32 -1.88	27.23 0.02 -1.02	26.71 -0.18 0.00	25.14 0.07 0.00	27.92 -0.26 0.00	31.52 -0.32 0.00	42.52 -0.55 0.00	34.64 -0.99 -0.01	60.40 -1.55 0.00	35.85 -0.99 0.00	29.10 -1.18 -1.78	11.43 0.32 -19.44	11.13 -0.13 -8.43	4.75 0.09 -10.17	5.72 0.00 -8.14
STEPHTWN_115KV_BK_2 55603	31.24 0.83 -4.79	32.76 0.53 -15.01	28.91 0.75 -2.87	30.49 0.78 -2.72	29.70 0.84 0.00	29.70 0.84 0.00	30.16 0.80 0.00	98.26 3.03 0.00	58.09 1.33 0.00	28.45 0.59 0.00	26.81 0.62 0.00	27.60 0.71 0.00	25.64 0.57 0.00	28.99 0.80 0.00	32.80 0.96 0.00	44.41 1.33 0.00	36.88 1.20 -0.06	64.10 2.15 0.00	38.00 1.16 0.00	37.44 1.05 -7.89	77.55 -0.30 -86.17	40.32 0.10 -37.38	39.42 -0.18 -45.11	33.62 -0.07 -36.10
STEBEN_REC_LFGE 323667	26.43 -0.47 -1.28	20.72 -0.51 -4.02	25.45 -0.61 -0.77	27.38 -0.33 -0.73	28.72 -0.14 0.00	28.72 -0.14 0.00	29.42 0.06 0.00	95.92 0.68 0.00	57.81 1.04 0.00	29.31 0.59 -0.85	27.22 0.56 -0.46	27.18 0.29 0.00	25.44 0.37 0.00	28.48 0.29 0.00	32.39 0.55 0.00	43.82 0.75 0.00	35.99 0.36 -0.02	62.27 0.32 0.00	36.78 -0.06 0.00	30.09 -0.51 -2.11	14.95 0.23 -23.04	12.74 -0.09 -10.00	6.77 0.22 -12.06	7.33 0.09 -9.65
STILLWATER___SOLAR 323814	31.91 1.37 -4.92	33.54 0.91 -15.42	29.60 1.37 -2.94	31.20 1.43 -2.80	30.39 1.53 0.00	30.39 1.53 0.00	30.89 1.53 0.00	100.52 5.28 0.00	59.67 2.90 0.00	29.05 1.18 0.00	27.35 1.15 0.00	28.08 1.19 0.00	26.13 1.07 0.00	29.51 1.32 0.00	33.42 1.58 0.00	45.28 2.21 0.00	37.62 1.93 -0.06	65.17 3.22 0.00	38.73 1.89 0.00	38.08 1.47 -8.11	79.76 -0.43 -88.51	41.37 0.14 -38.40	40.54 -0.28 -46.34	34.55 -0.12 -37.08
STONY___BROOK 24151	31.41 1.83 -3.95	30.78 1.17 -12.40	29.33 1.67 -2.37	31.01 1.78 -2.25	30.77 1.90 0.00	30.77 1.90 0.00	30.66 1.95 0.65	90.98 5.12 9.37	62.04 3.16 -2.11	29.91 2.04 0.00	28.40 2.21 0.00	34.45 2.36 -5.20	27.15 2.08 0.00	30.64 2.46 0.00	34.61 2.76 0.00	60.55 3.20 -14.27	86.27 2.64 -48.01	74.11 4.71 -7.44	39.74 2.91 0.00	37.25 2.23 -6.52	62.29 -0.61 -71.22	33.95 0.22 -30.90	31.36 -0.41 -37.29	27.24 -0.18 -29.84
STURGEON_POOL_HYD 23609	30.78 1.03 -4.13	30.85 0.67 -12.96	28.72 0.95 -2.48	30.38 1.05 -2.35	29.99 1.13 0.00	29.99 1.13 0.00	30.53 1.18 0.00	99.21 3.97 0.00	59.07 2.31 0.00	29.07 1.20 0.00	27.44 1.24 0.00	28.24 1.35 0.00	26.30 1.24 0.00	29.66 1.47 0.00	33.48 1.64 0.00	45.10 2.03 0.00	37.37 1.70 -0.05	64.98 3.02 0.00	38.65 1.82 0.00	36.73 1.43 -6.80	65.50 -0.41 -74.23	35.18 0.14 -32.20	33.07 -0.27 -38.86	28.56 -0.12 -31.10
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.49 1.14 -3.73	29.67 0.75 -11.71	28.60 1.07 -2.24	30.26 1.15 -2.12	30.11 1.24 0.00	30.11 1.24 0.00	30.66 1.29 0.00	99.61 4.37 0.00	59.26 2.49 0.00	29.20 1.33 0.00	27.59 1.39 0.00	28.40 1.51 0.00	26.39 1.33 0.00	29.77 1.58 0.00	33.58 1.74 0.00	45.19 2.12 0.00	37.39 1.73 -0.05	65.01 3.06 0.00	38.67 1.83 0.00	36.11 1.45 -6.16	58.51 -0.41 -67.24	32.15 0.14 -29.17	29.41 -0.28 -35.21	25.64 -0.12 -28.17
SWANROAD_115KV_TB1 355699	25.95 -0.71 -1.04	19.91 -0.56 -3.26	25.13 -0.79 -0.62	26.58 -0.99 -0.59	27.80 -1.07 0.00	27.80 -1.07 0.00	28.18 -1.18 0.00	90.70 -4.53 0.00	54.97 -1.79 0.00	29.10 -0.64 -1.87	26.18 -1.03 -1.01	25.57 -1.32 0.00	24.09 -0.97 0.00	26.68 -1.51 0.00	30.06 -1.78 0.00	40.62 -2.45 0.00	33.19 -2.44 -0.01	57.78 -4.18 0.00	34.37 -2.47 0.00	27.90 -2.32 -1.71	11.02 0.62 -18.72	10.72 -0.24 -8.12	4.54 0.26 -9.80	5.48 0.05 -7.84
SYNERGY___BIOGAS 323694	27.18 0.56 -1.00	20.64 0.28 -3.14	26.34 0.44 -0.60	27.91 0.36 -0.57	29.24 0.37 0.00	29.24 0.37 0.00	29.81 0.45 0.00	96.96 1.72 0.00	58.46 1.70 0.00	29.82 0.77 -1.19	27.08 0.25 -0.64	26.88 -0.01 0.00	25.30 0.24 0.00	28.12 -0.06 0.00	31.77 -0.07 0.00	43.10 0.02 0.00	35.41 -0.22 -0.01	61.95 0.00 0.00	36.82 -0.01 0.00	29.75 -0.40 -1.65	9.76 0.07 -18.01	10.60 -0.04 -7.81	3.86 -0.05 -9.43	5.06 -0.07 -7.55
SYRACUSE___ENERGY_ST1 323597	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.87 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.07 0.00 0.00	35.59 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.02 -14.67	9.20 0.00 -6.36	2.15 -0.01 -7.68	3.72 -0.01 -6.15
SYRACUSE___ENERGY_ST2 323598	26.29 0.12 -0.54	19.82 0.05 -2.56	25.85 0.07 -0.49	27.53 0.08 -0.46	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.52 0.28 0.00	56.96 0.19 0.00	27.92 0.05 0.00	26.20 0.01 0.00	26.87 -0.03 0.00	25.08 0.02 0.00	28.15 -0.04 0.00	31.84 -0.01 0.00	43.07 0.00 0.00	35.59 -0.04 -0.01	61.99 0.03 0.00	36.85 0.02 0.00	29.83 -0.01 -1.35	6.33 -0.02 -14.67	9.20 0.00 -6.36	2.15 -0.01 -7.68	3.72 -0.01 -6.15
SYRACUSE___POWER 24017	26.28 0.11 -0.55	19.86 0.04 -2.61	25.84 0.05 -0.50	27.53 0.08 -0.47	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.56 0.33 0.00	57.00 0.24 0.00	27.93 0.06 0.00	26.20 0.01 0.00	26.87 -0.02 0.00	25.09 0.02 0.00	28.15 -0.04 0.00	31.85 0.01 0.00	43.09 0.02 0.00	35.60 -0.03 -0.01	62.04 0.08 0.00	36.87 0.03 0.00	29.87 0.00 -1.37	6.62 -0.01 -14.95	9.33 0.00 -6.49	2.29 -0.02 -7.83	3.84 -0.01 -6.27
TALLMAN___138KV_BK151 55660	30.75 1.31 -3.82	30.04 0.86 -11.97	28.81 1.23 -2.29	30.49 1.33 -2.17	30.31 1.44 0.00	30.31 1.44 0.00	30.85 1.48 0.00	100.25 5.02 0.00	59.64 2.87 0.00	29.44 1.57 0.00	27.85 1.66 0.00	28.69 1.80 0.00	26.65 1.58 0.00	30.07 1.88 0.00	33.91 2.07 0.00	45.54 2.46 0.00	37.63 1.97 -0.05	65.43 3.48 0.00	38.92 2.09 0.00	36.47 1.67 -6.30	59.94 -0.47 -68.74	32.82 0.17 -29.82	30.15 -0.32 -35.99	26.24 -0.14 -28.80
TEALLAVE_115KV_TB7 355573	26.03 -0.02 -0.43	19.53 -0.05 -2.36	25.66 -0.09 -0.45	27.33 -0.08 -0.43	28.78 -0.09 0.00	28.78 -0.09 0.00	29.29 -0.08 0.00	94.91 -0.33 0.00	56.62 -0.14 0.00	27.77 -0.10 0.00	26.07 -0.13 0.00	26.73 -0.16 0.00	24.95 -0.11 0.00	28.00 -0.19 0.00	31.67 -0.18 0.00	42.83 -0.24 0.00	35.37 -0.26 -0.01	61.61 -0.35 0.00	36.61 -0.22 0.00	29.55 -0.19 -1.24	5.28 0.04 -13.56	8.70 -0.02 -5.88	1.60 0.02 -7.10	3.27 0.00 -5.68

TELGRAPH_34_KV_EAST 80808	26.55 -0.11 -1.03	20.28 -0.16 -3.23	25.71 -0.20 -0.62	27.22 -0.35 -0.59	28.49 -0.38 0.00	28.49 -0.38 0.00	28.95 -0.42 0.00	93.61 -1.62 0.00	56.65 -0.12 0.00	29.62 0.07 -1.69	26.73 -0.37 -0.91	26.25 -0.65 0.00	24.72 -0.34 0.00	27.41 -0.78 0.00	30.90 -0.94 0.00	41.78 -1.29 0.00	34.19 -1.44 -0.01	59.62 -2.33 0.00	35.46 -1.38 0.00	28.71 -1.49 -1.70	10.62 0.38 -18.56	10.73 -0.15 -8.05	4.32 0.12 -9.72	5.36 0.00 -7.78
TEMPLE___115KV_TB 2 55572	26.07 0.00 -0.45	19.56 -0.04 -2.38	25.68 -0.07 -0.46	27.36 -0.05 -0.43	28.81 -0.06 0.00	28.81 -0.06 0.00	29.31 -0.05 0.00	94.95 -0.28 0.00	56.66 -0.10 0.00	27.79 -0.08 0.00	26.09 -0.10 0.00	26.75 -0.14 0.00	24.98 -0.09 0.00	28.03 -0.16 0.00	31.70 -0.14 0.00	42.87 -0.20 0.00	35.40 -0.23 -0.01	61.64 -0.32 0.00	36.64 -0.20 0.00	29.57 -0.18 -1.26	5.40 0.04 -13.69	8.76 -0.02 -5.94	1.66 0.01 -7.17	3.32 0.00 -5.73
TIANA___69_KV_BK 1 55817	31.83 2.26 -3.95	31.05 1.44 -12.40	29.72 2.06 -2.37	31.43 2.20 -2.25	31.23 2.37 0.00	31.23 2.37 0.00	31.17 2.46 0.65	91.89 6.11 9.46	62.98 4.10 -2.11	30.40 2.53 0.00	28.77 2.57 0.00	34.79 2.70 -5.20	27.45 2.38 0.00	31.00 2.81 0.00	35.07 3.23 0.00	61.32 3.97 -14.27	87.01 3.38 -48.01	75.36 5.97 -7.44	40.49 3.66 0.00	37.82 2.80 -6.52	62.12 -0.77 -71.22	34.01 0.27 -30.90	31.25 -0.51 -37.29	27.20 -0.22 -29.84
TILDEN___115KV_TB1 80814	26.28 0.11 -0.55	19.86 0.04 -2.61	25.84 0.05 -0.50	27.53 0.08 -0.47	28.95 0.09 0.00	28.95 0.09 0.00	29.47 0.12 0.00	95.56 0.33 0.00	57.00 0.24 0.00	27.93 0.06 0.00	26.20 0.01 0.00	26.87 -0.02 0.00	25.09 0.02 0.00	28.15 -0.04 0.00	31.85 0.01 0.00	43.09 0.02 0.00	35.60 -0.03 -0.01	62.04 0.08 0.00	36.87 0.03 0.00	29.87 0.00 -1.37	6.62 -0.01 -14.95	9.33 0.00 -6.49	2.29 -0.02 -7.83	3.84 -0.01 -6.27
TRIGEN___CC 323695	31.38 1.80 -3.95	30.77 1.16 -12.40	29.31 1.65 -2.37	31.01 1.79 -2.25	30.77 1.91 0.00	30.77 1.91 0.00	31.08 1.88 0.16	103.05 6.02 -1.79	62.50 3.63 -2.11	29.95 2.09 0.00	28.38 2.18 0.00	34.44 2.35 -5.20	27.09 2.03 0.00	30.55 2.36 0.00	34.47 2.62 0.00	60.48 3.13 -14.27	86.15 2.52 -48.01	73.69 4.30 -7.44	39.46 2.63 0.00	37.07 2.05 -6.52	62.34 -0.56 -71.22	33.93 0.20 -30.90	31.38 -0.39 -37.29	27.26 -0.17 -29.84
TRINITY___115KV__ 4 BK 55933	30.87 0.45 -4.80	32.55 0.29 -15.05	28.60 0.44 -2.87	30.16 0.45 -2.73	29.36 0.49 0.00	29.36 0.49 0.00	29.77 0.41 0.00	96.56 1.32 0.00	57.34 0.57 0.00	28.08 0.20 0.00	26.50 0.30 0.00	27.28 0.39 0.00	25.40 0.33 0.00	28.68 0.49 0.00	32.39 0.55 0.00	43.84 0.76 0.00	36.41 0.73 -0.06	63.12 1.17 0.00	37.51 0.67 0.00	36.98 0.58 -7.91	77.88 -0.15 -86.35	40.35 0.05 -37.46	39.61 -0.08 -45.21	33.73 -0.04 -36.18
UNION___PROCESSING_DRP 323587	27.04 0.49 -0.93	20.40 0.26 -2.93	26.23 0.38 -0.56	27.84 0.33 -0.53	29.21 0.35 0.00	29.21 0.35 0.00	29.77 0.42 0.00	96.92 1.69 0.00	58.23 1.47 0.00	28.46 0.59 0.00	26.42 0.23 0.00	26.92 0.03 0.00	25.28 0.21 0.00	28.16 -0.03 0.00	31.82 -0.02 0.00	43.17 0.09 0.00	35.57 -0.05 -0.01	62.19 0.23 0.00	36.97 0.13 0.00	29.86 -0.17 -1.54	8.49 0.02 -16.79	10.10 -0.02 -7.28	3.22 -0.05 -8.79	4.56 -0.05 -7.03
UPPER HUDSON___HYD 24058	32.23 1.67 -4.94	33.83 1.11 -15.50	29.95 1.70 -2.96	31.54 1.75 -2.81	30.71 1.85 0.00	30.71 1.85 0.00	31.28 1.92 0.00	102.18 6.94 0.00	60.73 3.96 0.00	29.49 1.62 0.00	27.70 1.51 0.00	28.33 1.44 0.00	26.35 1.29 0.00	29.74 1.55 0.00	33.73 1.89 0.00	45.46 2.38 0.00	37.74 2.06 -0.06	65.33 3.38 0.00	38.77 1.94 0.00	38.13 1.48 -8.15	80.19 -0.44 -88.95	41.56 0.14 -38.59	40.73 -0.31 -46.57	34.71 -0.15 -37.27
UPPER RAQUET___HYD 24056	12.34 -2.25 11.03	16.59 -1.27 -0.64	23.80 -1.62 -0.12	25.14 -1.96 -0.12	26.76 -2.11 0.00	26.76 -2.11 0.00	27.67 -1.69 0.00	92.04 -3.20 0.00	55.78 -0.98 0.00	27.65 -0.21 0.00	25.29 -0.90 0.00	25.60 -1.29 0.00	23.89 -1.18 0.00	26.67 -1.52 0.00	30.07 -1.78 0.00	41.52 -1.55 0.00	34.50 -1.12 0.00	59.75 -2.21 0.00	35.56 -1.28 0.00	27.77 -1.06 -0.33	-4.33 0.34 -3.66	4.32 -0.10 -1.59	-3.22 0.38 -1.92	-0.67 0.24 -1.50
VALLEY44_115KV_TB2 355964	27.70 0.95 -1.13	21.26 0.50 -3.55	26.85 0.88 -0.68	28.53 0.90 -0.64	29.88 1.01 0.00	29.88 1.01 0.00	30.30 0.94 0.00	98.09 2.85 0.00	59.14 2.37 0.00	30.82 1.19 -1.76	28.24 1.09 -0.95	27.88 0.99 0.00	26.23 1.17 0.00	29.22 1.03 0.00	33.03 1.19 0.00	44.21 1.13 0.00	35.80 0.17 -0.02	62.48 0.53 0.00	37.11 0.27 0.00	30.33 -0.04 -1.87	12.06 0.01 -20.37	11.65 -0.02 -8.84	5.03 -0.11 -10.67	6.03 -0.09 -8.54
VALLEY___115KV_TB 1-4 80826	26.06 0.32 -0.12	17.79 0.20 -0.39	25.58 0.21 -0.07	27.25 0.20 -0.07	29.10 0.23 0.00	29.10 0.23 0.00	29.76 0.40 0.00	97.00 1.77 0.00	57.50 0.73 0.00	28.00 0.13 0.00	26.32 0.12 0.00	27.08 0.19 0.00	25.17 0.10 0.00	28.36 0.17 0.00	32.13 0.29 0.00	43.60 0.52 0.00	36.21 0.59 0.00	63.25 1.29 0.00	37.55 0.71 0.00	29.19 0.49 -0.20	-6.23 -0.11 -2.21	3.82 0.03 -0.96	-4.44 -0.07 -1.16	-1.52 -0.02 -0.93
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.80 1.10 -2.08	24.47 0.73 -6.53	27.57 1.03 -1.25	29.34 1.17 -1.18	30.14 1.27 0.00	30.14 1.27 0.00	30.72 1.36 0.00	99.71 4.48 0.00	59.43 2.66 0.00	29.39 1.34 -0.19	27.49 1.19 -0.10	28.12 1.23 0.00	26.17 1.10 0.00	29.40 1.22 0.00	33.22 1.38 0.00	44.88 1.80 0.00	37.08 1.44 -0.03	64.60 2.64 0.00	38.45 1.62 0.00	33.14 1.21 -3.43	28.79 -0.35 -37.46	19.21 0.12 -16.25	13.86 -0.23 -19.61	13.17 -0.11 -15.70
VISCHER___FERRY HYD 24020	31.42 0.96 -4.85	33.04 0.62 -15.20	29.14 0.94 -2.90	30.70 0.96 -2.76	29.90 1.04 0.00	29.90 1.04 0.00	30.31 0.95 0.00	98.49 3.25 0.00	58.48 1.71 0.00	28.53 0.66 0.00	26.91 0.72 0.00	27.70 0.81 0.00	25.79 0.72 0.00	29.14 0.95 0.00	32.95 1.11 0.00	44.59 1.51 0.00	37.05 1.37 -0.06	64.19 2.23 0.00	38.13 1.30 0.00	37.55 1.06 -7.99	78.63 -0.30 -87.25	40.78 0.10 -37.85	39.97 -0.19 -45.68	34.06 -0.08 -36.56
V_A_10_SYNC_DSASP 323832	26.25 -0.35 -0.97	19.96 -0.30 -3.05	25.44 -0.44 -0.58	26.99 -0.55 -0.55	28.26 -0.61 0.00	28.26 -0.61 0.00	28.63 -0.73 0.00	92.36 -2.88 0.00	55.78 -0.99 0.00	29.89 -0.39 -2.41	26.88 -0.62 -1.30	26.08 -0.81 0.00	24.52 -0.54 0.00	27.25 -0.94 0.00	30.72 -1.12 0.00	41.49 -1.58 0.00	33.89 -1.74 -0.01	58.98 -2.97 0.00	35.05 -1.78 0.00	28.45 -1.65 -1.60	9.60 0.43 -17.49	10.26 -0.16 -7.59	3.79 0.15 -9.16	4.94 0.03 -7.33
V_CMM_10_SYNC_DSASP 323787	7.28 -2.55 15.79	16.22 -1.46 -0.47	23.43 -1.95 -0.09	24.68 -2.39 -0.08	26.30 -2.57 0.00	26.30 -2.57 0.00	27.11 -2.25 0.00	89.82 -5.41 0.00	54.62 -2.15 0.00	27.21 -0.66 0.00	24.86 -1.33 0.00	25.16 -1.73 0.00	23.50 -1.57 0.00	26.35 -1.84 0.00	29.65 -2.19 0.00	40.89 -2.18 0.00	33.91 -1.71 0.00	58.59 -3.37 0.00	34.92 -1.91 0.00	27.27 -1.48 -0.25	-5.16 0.43 -2.73	3.89 -0.13 -1.19	-3.66 0.43 -1.43	-1.05 0.26 -1.11

V_CMP_10_SYNC_DSASP 323788	-3.52 -2.78 26.37	16.09 -1.61 -0.48	23.52 -1.87 -0.09	25.05 -2.02 -0.09	26.64 -2.22 0.00	26.64 -2.22 0.00	27.64 -1.72 0.00	92.37 -2.86 0.00	56.51 -0.26 0.00	28.02 0.15 0.00	25.67 -0.52 0.00	25.85 -1.04 0.00	24.04 -1.02 0.00	27.09 -1.11 0.00	30.65 -1.19 0.00	42.11 -0.97 0.00	34.94 -0.67 0.00	60.55 -1.40 0.00	36.02 -0.81 0.00	28.05 -0.70 -0.25	-5.37 0.23 -2.72	3.94 -0.07 -1.18	-3.73 0.36 -1.43	-1.06 0.25 -1.10
V_E_10_SYNC_DSASP 323830	29.39 2.13 -1.64	23.76 1.40 -5.14	28.25 1.98 -0.98	30.16 2.24 -0.93	31.38 2.51 0.00	31.38 2.51 0.00	32.32 2.96 0.00	106.24 11.00 0.00	62.84 6.07 0.00	30.66 2.54 -0.25	28.44 2.11 -0.14	28.96 2.07 0.00	27.03 1.96 0.00	30.32 2.14 0.00	34.47 2.62 0.00	47.10 4.03 0.00	39.03 3.39 -0.02	68.35 6.39 0.00	40.42 3.59 0.00	33.59 2.39 -2.70	20.56 -0.61 -29.49	15.83 0.20 -12.79	9.57 -0.36 -15.44	9.80 -0.14 -12.36
V_F_30_NSYNC___DSASP 323816	31.95 1.40 -4.93	33.60 0.93 -15.46	29.64 1.39 -2.95	31.25 1.46 -2.80	30.42 1.56 0.00	30.42 1.56 0.00	30.92 1.56 0.00	100.67 5.43 0.00	59.75 2.99 0.00	29.11 1.25 0.00	27.41 1.21 0.00	28.14 1.25 0.00	26.19 1.12 0.00	29.56 1.37 0.00	33.49 1.65 0.00	45.35 2.28 0.00	37.67 1.99 -0.06	65.29 3.34 0.00	38.79 1.95 0.00	38.14 1.52 -8.12	79.95 -0.44 -88.70	41.46 0.14 -38.48	40.64 -0.28 -46.44	34.63 -0.12 -37.17
V_F_30_SYNC_DSASP 323786	31.00 0.54 -4.83	32.73 0.36 -15.16	28.72 0.53 -2.89	30.27 0.54 -2.75	29.44 0.58 0.00	29.44 0.58 0.00	29.88 0.52 0.00	96.99 1.75 0.00	57.60 0.83 0.00	28.21 0.35 0.00	26.61 0.42 0.00	27.40 0.51 0.00	25.51 0.44 0.00	28.80 0.61 0.00	32.55 0.70 0.00	44.05 0.97 0.00	36.58 0.90 -0.06	63.46 1.51 0.00	37.69 0.85 0.00	37.17 0.71 -7.97	78.46 -0.19 -86.97	40.63 0.07 -37.73	39.91 -0.11 -45.53	33.98 -0.04 -36.44
V_XM_10_SYNC_DSASP 323789	-3.52 -2.78 26.37	16.09 -1.61 -0.48	23.52 -1.87 -0.09	25.05 -2.02 -0.09	26.64 -2.22 0.00	26.64 -2.22 0.00	27.64 -1.72 0.00	92.37 -2.86 0.00	56.51 -0.26 0.00	28.02 0.15 0.00	25.67 -0.52 0.00	25.85 -1.04 0.00	24.04 -1.02 0.00	27.09 -1.11 0.00	30.65 -1.19 0.00	42.11 -0.97 0.00	34.94 -0.67 0.00	60.55 -1.40 0.00	36.02 -0.81 0.00	28.05 -0.70 -0.25	-5.37 0.23 -2.72	3.94 -0.07 -1.18	-3.73 0.36 -1.43	-1.06 0.25 -1.10
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.90 1.45 -3.83	30.17 0.94 -12.01	28.95 1.36 -2.29	30.63 1.47 -2.18	30.45 1.59 0.00	30.45 1.59 0.00	31.00 1.65 0.00	100.84 5.60 0.00	60.01 3.24 0.00	29.60 1.74 0.00	28.00 1.81 0.00	28.84 1.95 0.00	26.80 1.73 0.00	30.23 2.04 0.00	34.11 2.27 0.00	45.83 2.75 0.00	37.88 2.22 -0.05	65.87 3.91 0.00	39.19 2.35 0.00	36.67 1.86 -6.32	60.15 -0.53 -69.00	32.95 0.19 -29.93	30.25 -0.35 -36.12	26.34 -0.15 -28.91
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.04 1.46 -3.95	30.56 0.94 -12.40	29.04 1.37 -2.37	30.72 1.49 -2.25	30.45 1.59 0.00	30.45 1.59 0.00	31.01 1.65 0.00	100.98 5.75 0.00	59.99 3.22 0.00	29.72 1.85 0.00	28.11 1.92 0.00	29.00 2.10 0.00	26.94 1.87 0.00	30.39 2.20 0.00	34.21 2.37 0.00	45.94 2.87 0.00	37.99 2.32 -0.05	66.05 4.10 0.00	39.28 2.44 0.00	36.96 1.93 -6.52	62.36 -0.54 -71.23	33.92 0.19 -30.90	31.41 -0.36 -37.29	27.25 -0.17 -29.84
W50THST__13_KV_LOAD 356117	31.19 1.62 -3.95	30.65 1.04 -12.40	29.17 1.51 -2.37	30.87 1.64 -2.25	30.63 1.76 0.00	30.63 1.76 0.00	31.19 1.83 0.00	101.67 6.43 0.00	60.43 3.66 0.00	29.95 2.08 0.00	28.33 2.14 0.00	29.23 2.34 0.00	27.15 2.09 0.00	30.64 2.45 0.00	34.49 2.65 0.00	46.31 3.24 0.00	38.29 2.62 -0.05	66.56 4.61 0.00	39.57 2.74 0.00	37.16 2.14 -6.52	62.31 -0.60 -71.23	33.95 0.21 -30.90	31.37 -0.40 -37.29	27.25 -0.18 -29.84
WADING RIVER_IC_1 23522	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.12 0.65	90.42 4.65 9.47	62.22 3.35 -2.11	30.08 2.21 0.00	28.50 2.31 0.00	34.51 2.42 -5.20	27.20 2.13 0.00	30.72 2.53 0.00	34.73 2.89 0.00	60.82 3.47 -14.27	86.57 2.94 -48.01	74.59 5.20 -7.44	40.02 3.18 0.00	37.47 2.44 -6.52	62.22 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
WADING RIVER_IC_2 23547	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.12 0.65	90.42 4.65 9.47	62.22 3.35 -2.11	30.08 2.21 0.00	28.50 2.31 0.00	34.51 2.42 -5.20	27.20 2.13 0.00	30.72 2.53 0.00	34.73 2.89 0.00	60.82 3.47 -14.27	86.57 2.94 -48.01	74.59 5.20 -7.44	40.02 3.18 0.00	37.47 2.44 -6.52	62.22 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
WADING RIVER_IC_3 23601	31.57 1.99 -3.95	30.88 1.27 -12.40	29.47 1.81 -2.37	31.16 1.93 -2.25	30.94 2.08 0.00	30.94 2.08 0.00	30.83 2.12 0.65	90.42 4.65 9.47	62.22 3.35 -2.11	30.08 2.21 0.00	28.50 2.31 0.00	34.51 2.42 -5.20	27.20 2.13 0.00	30.72 2.53 0.00	34.73 2.89 0.00	60.82 3.47 -14.27	86.57 2.94 -48.01	74.59 5.20 -7.44	40.02 3.18 0.00	37.47 2.44 -6.52	62.22 -0.67 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
WALDENNY_12_KV_BK2 80841	26.74 0.04 -1.07	20.51 -0.08 -3.37	25.89 -0.05 -0.64	27.45 -0.14 -0.61	28.69 -0.17 0.00	28.69 -0.17 0.00	29.16 -0.20 0.00	94.53 -0.70 0.00	57.20 0.43 0.00	30.09 0.34 -1.88	27.23 0.03 -1.02	26.70 -0.19 0.00	25.13 0.06 0.00	27.90 -0.29 0.00	31.48 -0.36 0.00	42.46 -0.61 0.00	34.64 -0.98 -0.01	60.40 -1.56 0.00	35.85 -0.99 0.00	29.08 -1.19 -1.77	11.35 0.32 -19.36	11.10 -0.13 -8.39	4.70 0.09 -10.13	5.68 -0.01 -8.11
WALDEN___HYDRO 24148	30.86 1.36 -3.88	30.28 0.89 -12.17	28.90 1.28 -2.32	30.56 1.37 -2.21	30.34 1.47 0.00	30.34 1.47 0.00	30.92 1.55 0.00	100.60 5.36 0.00	59.78 3.01 0.00	29.35 1.48 0.00	27.67 1.48 0.00	28.46 1.57 0.00	26.42 1.36 0.00	29.81 1.62 0.00	33.67 1.82 0.00	45.40 2.33 0.00	37.70 2.03 -0.05	65.62 3.67 0.00	39.06 2.22 0.00	36.65 1.75 -6.40	61.11 -0.50 -69.93	33.34 0.17 -30.34	30.76 -0.33 -36.61	26.74 -0.14 -29.30
WARRENSBURG____ 23737	32.23 1.67 -4.94	33.83 1.11 -15.50	29.95 1.70 -2.96	31.54 1.75 -2.81	30.71 1.85 0.00	30.71 1.85 0.00	31.28 1.92 0.00	102.18 6.94 0.00	60.73 3.96 0.00	29.49 1.62 0.00	27.70 1.51 0.00	28.33 1.44 0.00	26.35 1.29 0.00	29.74 1.55 0.00	33.73 1.89 0.00	45.46 2.38 0.00	37.74 2.06 -0.06	65.33 3.38 0.00	38.77 1.94 0.00	38.13 1.48 -8.15	80.19 -0.44 -88.95	41.56 0.14 -38.59	40.73 -0.31 -46.57	34.71 -0.15 -37.27
WATERSIDE___6 8 9 23538	30.98 1.41 -3.95	30.52 0.90 -12.40	28.96 1.30 -2.37	30.64 1.41 -2.25	30.37 1.50 0.00	30.37 1.50 0.00	30.94 1.58 0.00	100.81 5.57 0.00	59.90 3.13 0.00	29.66 1.80 0.00	28.04 1.85 0.00	28.92 2.03 0.00	26.86 1.80 0.00	30.30 2.12 0.00	34.12 2.28 0.00	45.81 2.74 0.00	37.90 2.23 -0.05	65.85 3.89 0.00	39.19 2.35 0.00	36.89 1.87 -6.52	62.39 -0.52 -71.23	33.92 0.18 -30.90	31.43 -0.35 -37.29	27.28 -0.15 -29.85

WATKINRD_115KV_LN8_ILLION 55919	25.93 0.19 -0.12	17.72 0.12 -0.39	25.52 0.15 -0.07	27.21 0.15 -0.07	29.04 0.17 0.00	29.04 0.17 0.00	29.63 0.27 0.00	96.40 1.17 0.00	57.25 0.48 0.00	27.94 0.07 0.00	26.23 0.04 0.00	26.97 0.08 0.00	25.09 0.03 0.00	28.25 0.07 0.00	31.99 0.14 0.00	43.39 0.31 0.00	36.00 0.38 0.00	62.78 0.82 0.00	37.32 0.48 0.00	29.04 0.34 -0.20	-6.20 -0.08 -2.21	3.82 0.03 -0.96	-4.41 -0.05 -1.16	-1.51 -0.02 -0.93
WATSON___69_KV_BK 1 55734	31.86 2.28 -3.95	31.07 1.46 -12.40	29.75 2.09 -2.37	31.46 2.24 -2.25	31.26 2.40 0.00	31.26 2.40 0.00	31.20 2.46 0.62	93.40 6.93 8.76	63.22 4.34 -2.11	30.47 2.61 0.00	28.81 2.62 0.00	34.87 2.78 -5.20	27.52 2.45 0.00	31.05 2.86 0.00	35.09 3.25 0.00	61.23 3.88 -14.27	86.87 3.24 -48.01	75.36 5.97 -7.44	40.48 3.64 0.00	37.81 2.79 -6.52	62.13 -0.77 -71.22	34.01 0.28 -30.90	31.26 -0.51 -37.29	27.20 -0.22 -29.84
WDELAWARE___HYD 323627	30.55 1.28 -3.66	29.53 0.83 -11.48	28.67 1.19 -2.19	30.36 1.30 -2.08	30.25 1.39 0.00	30.25 1.39 0.00	30.86 1.50 0.00	100.52 5.29 0.00	59.69 2.92 0.00	29.26 1.39 0.00	27.55 1.36 0.00	28.18 1.28 0.00	25.63 0.57 0.00	28.81 0.62 0.00	32.44 0.60 0.00	43.83 0.75 0.00	36.39 0.73 -0.05	63.40 1.45 0.00	37.73 0.90 0.00	35.30 0.77 -6.03	57.08 -0.43 -65.83	31.55 0.15 -28.56	28.66 -0.28 -34.47	25.04 -0.12 -27.59
WEST BABYLON___IC 23714	31.72 2.15 -3.95	30.99 1.37 -12.40	29.64 1.97 -2.37	31.34 2.11 -2.25	31.12 2.25 0.00	31.12 2.25 0.00	31.08 2.29 0.57	94.40 6.74 7.57	63.04 4.17 -2.11	30.34 2.47 0.00	28.68 2.49 0.00	34.75 2.66 -5.20	27.41 2.34 0.00	30.92 2.73 0.00	34.93 3.09 0.00	61.04 3.69 -14.27	86.71 3.08 -48.01	74.96 5.57 -7.44	40.20 3.36 0.00	37.62 2.60 -6.52	62.18 -0.72 -71.22	33.99 0.26 -30.90	31.29 -0.48 -37.29	27.22 -0.21 -29.84
WEST CANADA___HYD 24049	25.63 -0.12 -0.12	17.54 -0.06 -0.39	25.29 -0.08 -0.07	26.97 -0.08 -0.07	28.78 -0.09 0.00	28.78 -0.09 0.00	29.31 -0.05 0.00	95.24 0.00 0.00	56.78 0.01 0.00	27.87 0.00 0.00	26.17 -0.03 0.00	26.86 -0.03 0.00	25.02 -0.05 0.00	28.15 -0.04 0.00	31.78 -0.06 0.00	43.05 -0.02 0.00	35.62 0.01 0.00	61.94 -0.01 0.00	36.82 -0.01 0.00	28.67 -0.03 -0.20	-6.10 0.02 -2.21	3.79 -0.01 -0.96	-4.35 0.02 -1.16	-1.48 0.01 -0.93
WESTERN_NY_WIND 24143	27.13 0.50 -1.01	20.62 0.25 -3.16	26.29 0.39 -0.60	27.86 0.30 -0.57	29.18 0.32 0.00	29.18 0.32 0.00	29.74 0.38 0.00	96.71 1.48 0.00	58.32 1.55 0.00	29.87 0.70 -1.29	27.09 0.20 -0.70	26.83 -0.06 0.00	25.25 0.19 0.00	28.06 -0.13 0.00	31.70 -0.14 0.00	42.99 -0.09 0.00	35.34 -0.29 -0.01	61.78 -0.18 0.00	36.74 -0.10 0.00	29.68 -0.48 -1.66	9.90 0.10 -18.13	10.64 -0.05 -7.86	3.94 -0.04 -9.49	5.12 -0.06 -7.60
WESTOVER___LESR 323668	27.86 0.52 -1.72	22.90 0.28 -5.41	26.73 0.40 -1.03	28.43 0.46 -0.98	29.33 0.46 0.00	29.33 0.46 0.00	29.94 0.57 0.00	97.26 2.02 0.00	58.07 1.30 0.00	28.81 0.57 -0.38	26.92 0.52 -0.20	27.43 0.55 0.00	25.61 0.54 0.00	28.74 0.55 0.00	32.54 0.70 0.00	43.86 0.79 0.00	36.10 0.46 -0.02	62.96 1.01 0.00	37.42 0.59 0.00	31.69 0.36 -2.84	22.60 -0.10 -31.03	16.32 0.03 -13.46	10.64 -0.09 -16.24	10.54 -0.04 -13.00
WETHRSFD_WT_PWR 323626	26.25 -0.54 -1.17	20.45 -0.43 -3.66	25.51 -0.48 -0.70	27.22 -0.43 -0.67	28.40 -0.46 0.00	28.40 -0.46 0.00	28.95 -0.41 0.00	94.17 -1.06 0.00	56.92 0.15 0.00	29.61 0.13 -1.61	27.03 -0.03 -0.87	26.66 -0.23 0.00	25.03 -0.03 0.00	27.93 -0.26 0.00	31.59 -0.25 0.00	42.63 -0.44 0.00	34.83 -0.80 -0.02	60.56 -1.39 0.00	35.81 -1.03 0.00	29.15 -1.27 -1.93	13.09 0.39 -21.02	11.79 -0.17 -9.12	5.71 0.22 -11.01	6.45 0.06 -8.81
WHAVSTOR_138KV_BK127 55557	30.76 1.30 -3.84	30.09 0.85 -12.03	28.81 1.22 -2.30	30.49 1.32 -2.18	30.28 1.41 0.00	30.28 1.41 0.00	30.83 1.46 0.00	100.19 4.95 0.00	59.61 2.84 0.00	29.43 1.56 0.00	27.82 1.63 0.00	28.66 1.77 0.00	26.62 1.56 0.00	30.04 1.86 0.00	33.88 2.04 0.00	45.52 2.44 0.00	37.62 1.95 -0.05	65.39 3.44 0.00	38.90 2.07 0.00	36.48 1.65 -6.33	60.31 -0.47 -69.10	32.98 0.16 -29.98	30.35 -0.32 -36.18	26.40 -0.14 -28.95
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.76 1.30 -3.84	30.09 0.85 -12.03	28.81 1.22 -2.30	30.49 1.32 -2.18	30.28 1.41 0.00	30.28 1.41 0.00	30.83 1.46 0.00	100.19 4.95 0.00	59.61 2.84 0.00	29.43 1.56 0.00	27.82 1.63 0.00	28.66 1.77 0.00	26.62 1.56 0.00	30.04 1.86 0.00	33.88 2.04 0.00	45.52 2.44 0.00	37.62 1.95 -0.05	65.39 3.44 0.00	38.90 2.07 0.00	36.48 1.65 -6.33	60.31 -0.47 -69.10	32.98 0.16 -29.98	30.35 -0.32 -36.18	26.40 -0.14 -28.95
WHITEHAL_115KV_TB1 80871	32.69 2.13 -4.93	34.08 1.39 -15.48	30.46 2.21 -2.95	31.97 2.18 -2.81	31.15 2.28 0.00	31.15 2.28 0.00	31.88 2.52 0.00	105.40 10.16 0.00	62.96 6.19 0.00	30.23 2.37 0.00	28.21 2.02 0.00	28.82 1.93 0.00	26.70 1.63 0.00	30.30 2.11 0.00	34.59 2.75 0.00	47.05 3.98 0.00	38.92 3.24 -0.06	66.39 4.44 0.00	39.30 2.47 0.00	38.56 1.92 -8.14	79.90 -0.60 -88.83	41.56 0.19 -38.54	40.61 -0.38 -46.51	34.63 -0.18 -37.22
WHITEPLN_13_KV_LOAD 356215	31.13 1.56 -3.95	30.61 1.01 -12.39	29.12 1.46 -2.37	30.80 1.57 -2.25	30.54 1.67 0.00	30.54 1.67 0.00	31.12 1.75 0.00	101.38 6.14 0.00	60.31 3.54 0.00	29.79 1.92 0.00	28.15 1.95 0.00	29.01 2.12 0.00	26.94 1.87 0.00	30.39 2.21 0.00	34.26 2.42 0.00	46.06 2.99 0.00	38.14 2.47 -0.05	66.30 4.35 0.00	39.43 2.59 0.00	37.06 2.04 -6.52	62.26 -0.57 -71.15	33.90 0.20 -30.87	31.35 -0.38 -37.25	27.23 -0.16 -29.81
WM_FLOYD_69_KV_BK2 356380	31.56 1.98 -3.95	30.87 1.25 -12.40	29.45 1.79 -2.37	31.14 1.91 -2.25	30.91 2.05 0.00	30.91 2.05 0.00	30.82 2.11 0.65	90.98 5.17 9.42	62.31 3.43 -2.11	30.06 2.19 0.00	28.48 2.28 0.00	34.49 2.40 -5.20	27.17 2.10 0.00	30.68 2.50 0.00	34.71 2.87 0.00	60.81 3.46 -14.27	86.55 2.93 -48.01	74.54 5.15 -7.44	39.98 3.14 0.00	37.44 2.42 -6.52	62.23 -0.66 -71.22	33.97 0.24 -30.90	31.32 -0.45 -37.29	27.22 -0.20 -29.84
WOODARD___115KV_TB2 355635	25.98 -0.11 -0.46	19.52 -0.10 -2.40	25.59 -0.16 -0.46	27.26 -0.16 -0.44	28.69 -0.17 0.00	28.69 -0.17 0.00	29.18 -0.17 0.00	94.55 -0.68 0.00	56.40 -0.37 0.00	27.67 -0.20 0.00	25.97 -0.22 0.00	26.63 -0.27 0.00	24.86 -0.20 0.00	27.90 -0.29 0.00	31.55 -0.30 0.00	42.66 -0.41 0.00	35.25 -0.38 -0.01	61.41 -0.54 0.00	36.50 -0.33 0.00	29.49 -0.28 -1.26	5.53 0.07 -13.79	8.79 -0.02 -5.98	1.73 0.03 -7.22	3.37 0.01 -5.78
YORK___WARBASSE 23770	31.08 1.50 -3.95	30.59 0.97 -12.40	29.06 1.40 -2.37	30.75 1.52 -2.25	30.48 1.62 0.00	30.48 1.62 0.00	31.06 1.71 0.00	101.16 5.93 0.00	60.02 3.25 0.00	29.76 1.90 0.00	28.15 1.96 0.00	29.03 2.14 0.00	26.96 1.89 0.00	30.42 2.23 0.00	34.25 2.41 0.00	45.95 2.88 0.00	38.01 2.35 -0.05	66.03 4.07 0.00	39.31 2.47 0.00	37.00 1.98 -6.52	62.36 -0.55 -71.23	33.93 0.19 -30.90	31.40 -0.37 -37.29	27.27 -0.17 -29.85

V_D_10_SYNC_DSASP	24.18	23.93	26.50	29.83	40.30	32.91	57.22	34.04	27.66	11.00	10.67	4.53	5.45
323841	-1.27	-1.14	-1.68	-2.01	-2.78	-2.72	-4.74	-2.79	-2.55	0.69	-0.25	0.29	0.05
	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-1.71	-18.64	-8.09	-9.76	-7.81